adif

INTEMAC GEOCISA

CONTRATO DE SERVICIOS PARA LA REALIZACIÓN DE PRUEBAS DE CARGA E INSPECCIONES DE PUENTES EN EL TRAMO LA ROCA DEL VALLÉS-RIUDELLOTS DE LA SELVA DE LA LÍNEA DE ALTA VELOCIDAD MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA.

TRAMO: LA ROCA DEL VALLÉS-RIUDELLOTS DE LA SELVA



INFORME DE PRUEBA DE CARGA

SUBTRAMO: LA ROCA-LLINARS DEL VALLES

Viaducto sobre AP-7 Metálico

Código: 0175VI05

P.K. Obra: 405+386 P.K. Línea: 660+871

Octubre de 2010

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1.- INTRODUCCIÓN

1.1.- Introducción

A instancias del ADIF, la UTE PC LAV LA ROCA DEL VALLÉS – RIUDELLOTS DE LA SELVA redacta el presente documento cuyo objeto es la presentación y análisis de los resultados obtenidos durante la realización de la preceptiva Prueba de Carga efectuada con anterioridad a la recepción del Viaducto sobre la Autopista AP-7 situado en el P.K.de línea 660+871 (obra 405+386), perteneciente a la Línea Ferroviaria de Alta Velocidad Madrid – Zaragoza – Barcelona – Frontera Francesa; Tramo: La Roca – Riudellots; Subtramo: La Roca del Vallés – Llinars del Vallés.

1.2.- Antecedentes

La redacción del presente informe se efectúa dentro del marco del Contrato de Consultoría y Asistencia (Clave AV 006/09) para la "Realización de Pruebas de Carga para la recepción de la Línea de Alta Velocidad Madrid –Zaragoza – Barcelona – Frontera Francesa; Subtramo La Roca del Vallés – Llinars del Vallés.

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2.- OBJETO

El objeto del documento es presentar las actividades desarrolladas en la estructura de referencia exponiendo los resultados obtenidos en la misma y realizando el análisis de dichos resultados, a fin de poder emitir las conclusiones y recomendaciones oportunas.

Las actividades principales desarrolladas han consistido:

- Inspección de la estructura.
- Redacción del proyecto de Prueba de Carga.
- Realización de la Prueba de Carga.
- Análisis de los resultados.

La inspección preliminar tuvo lugar el día 23 de noviembre del 2009 y la prueba de carga el día 27 de mayo del 2010.

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3.- DESCRIPCIÓN DE LA ESTRUCTURA

El viaducto está constituido por un tablero mixto hiperestático con un esquema longitudinal de 5 vanos de 45+71+75+71+45 metros de luz. Tiene una longitud entre ejes desde el Estribo 1 a la Pila 5 de 307 metros. El dintel es de canto variable, constituido por dos vigas de sección cajón rectangular metálica de 1,6 m de ancho y canto variable entre 3,5 y 6,6 m, unidas transversalmente mediante vigas metálicas armadas de sección I espaciadas cada 3,55 m. Las vigas transversales se conectan superiormente a una losa de hormigón que recibe directamente las cargas de la plataforma. Las vigas longitudinales metálicas están suspendidas de unos tirantes metálicos que confluyen en el eje de las pilas donde un elemento vertical metálico de unos 15 m de altura transfiere la carga a la subestructura.

La plataforma tiene un ancho de 14,00 m en el que se ubica la capa de balasto del ferrocarril.

El tablero se ancla a uno de los estribos (estribo 1) para transmitir los eventuales empujes de frenado y arranque sobre el mismo. El resto de apoyos no toman fuerzas horizontales longitudinales, salvo las inducidas por el rozamiento entre el apoyo y el tablero a través de los apoyos de neopreno confinado tipo POT. Las pilas están constituidas por dos fustes de sección circular de hormigón armado.

Las cimentaciones son profundas mediante pilotes, dimensionadas de acuerdo con las indicaciones del estudio geotécnico. Se han empleado pilotes 1,50 y 1,80 m de diámetro.

El tipo de hormigón de la losa del tablero es HA-30. A su vez, el acero pasivo utilizado ha sido del tipo B 500 S.

El acero estructural de las chapas, perfiles laminados y conectadores es de tipo S355 J2G3.

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4.- INSPECCIÓN PRELIMINAR

La inspección previa a la realización de la prueba de carga fue realizada por técnicos de GEOCISA el 23 de noviembre del 2009 con la estructura ya finalizada. Durante la inspección no se detectaron ningún tipo de anomalías en la estructura.

5.- ANÁLISIS DEL PROYECTO DE LA ESTRUCTURA

A partir de una revisión de Proyecto construido de la estructura, se emiten los comentarios que se transcriben a continuación.

5.1.- Definición de los elementos.

Longitud (m)	307,00(5 vanos de 45+71+75+71+45)
Tipo de estructura	Mixta
Sección transversal tipo	Dos vigas sección cajón rectangular metálica unidas transversalmente mediante vigas metálicas de sección I conectadas a losa de hormigón.
Canto del dintel (m)	Variable (3,5 a 6,6)
Ancho de la plataforma (m)	14,00
Resistencia losa del tablero (N/mm^2)	HA-30
Acero estructural del tablero	S355 J2G3

5.2.- Acciones consideradas.

Las cargas aplicadas para el cálculo del tablero en los modelos de cálculo empleados son las siguientes:

- Cargas permanentes

  -Peso propio.

  -Cargas muertas.

  -Acciones diferidas de retracción y fluencia.

  -Cargas horizontales producidas por el rozamiento en apoyos deslizantes.

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- Sobrecargas
    - Sobrecargas de uso: sobrecarga en paseos y sobrecarga ferroviaria. Dentro de esta última están incluidas las acciones horizontales producidas por el frenado, arranque, fuerza centrífuga y lazo.
    - Acciones térmicas: variación uniforme de la temperatura y gradiente térmico.
    - Interacción longitudinal carril-tablero.
    - Viento.
- Acciones accidentales
    - Descarrilamiento

Para el cálculo de la estructura se han considerado las siguientes normativas:

- Instrucción relativa a las Acciones a considerar en el Proyecto de Puentes de Ferrocarril IAPF-1975.
- Eurocódigo 1.
- Instrucción de Hormigón Estructural EHE.
- Eurocódigo 2
- Eurocódigo 3
- Norma de construcción sismorresistente NCSE 94. Parte General y Edificación.
- Recomendaciones para el proyecto de puentes metálicos de carretera (RPM-95).
- Recomendación para el proyecto de puentes mixtos para carreteras (RPX-95).

5.3.- Modelización empleada.

El modelo de cálculo empleado está constituido por elementos finitos tipo barra, considerando 6 grados de libertad por nudo, y tipo lámina. Los elementos barras de canto variable se emplean para simular los distintos elementos metálicos (vigas transversales, vigas longitudinales, tirantes metálicos y pilas) habiéndose reproducido la geometría real de la estructura mediante excentricidades en los extremos de barra. Los elementos tipo lámina se han empleado para simular el comportamiento de la losa de hormigón conectada estructuralmente a las vigas transversales metálicas. El hormigón se ha simulado con varios módulos de elasticidad para estudiar el comportamiento estructural bajo cargas

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permanentes o variables.

El programa empleado en el cálculo estructural ha sido la versión 15 del programa general de análisis estructural ROBOT. Los resultados globales del programa se han contrastado con los obtenidos con el programa de cálculo avanzado para puentes RM-2000. El programa RM también ha sido empleado en este proyecto para el análisis dinámico temporal realizado para validar el adecuado comportamiento del puente sometido al paso de trenes reales de carga con distintas velocidades, habiéndose comprobado que no se producen fenómenos resonantes ni problemas de funcionalidad (vibraciones excesivas).

5.4.- Materiales y coeficientes de cálculo.

Los materiales utilizados en la obra y los correspondientes coeficientes de seguridad fueron:

- Acero estructural del tablero: S355 J2G3; $\gamma s=1,10$.
- Hormigón losa del tablero: HA-30; $\gamma c=1,50$
- Hormigón de las pilas: HA-30; $\gamma c=1,50$.
- Acero pasivo en elementos estructurales: B-500-S; $\gamma s=1,15$.

5.5.- Comentarios al proyecto.

A partir de una revisión de la documentación con que se cuenta, referente al Proyecto constructivo, se considera que el cálculo de la estructura es correcto y acorde a la normativa vigente.

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6.- PLAN DE PRUEBAS

Se exponen a continuación las distintas etapas que constituyeron el plan de prueba del viaducto analizado. La programación de los ensayos coincidió con lo previsto en el Proyecto de Prueba de Carga desarrollado para esta estructura.

6.1.-Acciones reproducidas.

Las sobrecargas a utilizar en las pruebas han sido suministradas por el Peticionario. Éstas consistieron en dos locomotoras rumanas de 1176 kN de peso total cada una y diez tolvas de 800 kN de peso total cada una. Por tratarse el viaducto sobre la autopista AP-7 de una estructura metálica se considerarán los siguientes siete estados de carga:

Estado Nº	Vanos Cargados
1	1 y 3
2	2 y 4
3	3 y 5
4	1 y 2
5	2 y 3
6	3 y 4
7	4 y 5

A continuación se describen para cada estado, la disposición de las cargas.

Estado de carga Nº 1: Se ha colocado, en cada vía, el conjunto compuesto por una locomotora rumana y dos tolvas (Nº 1 y Nº 2) con el 5º eje de la locomotora en coincidencia con el centro del vano 3. A su vez, se dispusieron otras tres tolvas (Nº 3, Nº 4 y Nº 5) en el vano 1 con el 2º eje de la tolva Nº 4 coincidente con el centro de dicho vano.

Estado de carga Nº 2: Se colocó, en cada vía, el conjunto compuesto por una locomotora rumana y dos tolvas (Nº 1 y Nº 2) con el 5º eje de la locomotora en coincidencia con el centro del vano 4. A su vez, se dispusieron otras tres tolvas (Nº 3, Nº 4 y Nº 5) en el vano 2 con el 2º eje de la tolva Nº 4 coincidente con el centro del vano.

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Estado de carga Nº 3: Se ha colocado, en cada vía, el conjunto compuesto por una locomotora rumana y una tolva (Nº 1) con el 5º eje de la locomotora en coincidencia con el centro del vano 5. A su vez, se dispusieron otras cuatro tolvas (Nº 2, Nº 3, Nº 4 y Nº 5) en el vano 3 con el primer eje de la tolva Nº 4 coincidente con el centro del vano 3.

Estado de carga Nº 4: Se colocó en cada vía, en los vanos contiguos 1 y 2, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 1.

Estado de carga Nº 5: Se ha colocado en cada vía, en los vanos contiguos 2 y 3, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 2.

Estado de carga Nº 6: Se colocó en cada vía, en los vanos contiguos 3 y 4, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 3.

Estado de carga Nº 7: Se ha colocado en cada vía, en los vanos contiguos 4 y 5, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 4.

Pruebas estáticas:

Para los estados Nº 1, Nº 2 y Nº 3 en que se cargan vanos alternos, la colocación de las sobrecargas y el registro de las lecturas en los puntos instrumentados, se llevó a cabo de acuerdo con la siguiente secuencia:

- Escalón 0: Medición de lecturas iniciales.
- Escalón 1: Colocación de la carga en cada vía (definida en el apartado 3) en el vano de menor orden.
- Escalón 2: Colocación de la carga en cada vía (definida en el apartado 3) en el vano de mayor orden.
- Escalón 3: Estabilización, medida y registro de las lecturas.
- Escalón 4: Medición y registro de las lecturas durante un tiempo no inferior a 10 minutos, comprobando la estabilidad de las medidas.
- Escalón 5: Descarga de la estructura en la secuencia contraria a la adoptada durante la disposición de las cargas.

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- Escalón 6: Realización de lecturas comprobando que se alcanza la recuperación de, al menos, el 85% de la flecha máxima medida en un tiempo no superior al mantenimiento de la carga.

Para los estados Nº 4 a Nº 7 en que se cargan vanos contiguos, la colocación de las sobrecargas y el registro de las lecturas en los puntos instrumentados, se llevó a cabo de acuerdo con la siguiente secuencia:

- Escalón 0: Medición de lecturas iniciales.
- Escalón 1: Colocación de la carga en cada vía en los vanos contiguos: (1 y 2), (2 y 3), (3 y 4) y (4 y 5) y sobre las pilas: (Nº 1), (Nº 2), (Nº 3) y (Nº 4).
- Escalón 2: Estabilización, medida y registro de las lecturas.
- Escalón 3: Medición y registro de las lecturas durante un tiempo no inferior a 10 minutos, comprobando la estabilidad de las medidas.
- Escalón 4: Descarga de la estructura en la secuencia contraria a la adoptada durante la disposición de las cargas en cada vía.
- Escalón 5: Realización de lecturas comprobando que se alcanza la recuperación de, al menos, el 85% de la flecha máxima medida en un tiempo no superior al mantenimiento de la carga.

Pruebas dinámicas:

Se realizó una serie de prueba dinámica donde el tren de carga circuló a lo largo del grupo de vanos instrumentados por una de las vías con el objeto de obtener parámetros tales como el coeficiente de impacto, el amortiguamiento y la frecuencia de vibración.

Se realizaron en cada serie las siguientes pruebas dinámicas:

- Paso del tren de cargas por la vía a 5 km/h.
- Paso del tren de cargas por la vía a 30 km/h.
- Paso del tren de cargas a la máxima velocidad posible, en torno a 80 km/h.
- Prueba de frenado en la que el tren de cargas adquirió una velocidad previa de 80 km/h.

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A partir de un tratamiento analítico de los resultados obtenidos en las pruebas dinámicas citadas se han determinado tres parámetros que caracterizan la respuesta dinámica de la estructura analizada. Estos son:

- Frecuencia
- Coeficiente de Impacto
- Amortiguamiento.

6.2.-Puntos de medición.

Las mediciones a realizar durante la prueba han sido las siguientes:

- Descensos verticales (flechas)
- Deformaciones
- Aceleraciones

La instrumentación total del viaducto se realizó en varios grupos (Anejo 3).

En la sección centro de la luz de los cinco vanos, se colocó un punto para la medición de flechas y otro para la medición de deformaciones en la cara inferior de ambas vigas principales de canto variable. A su vez, excepto en el vano Nº 3, en la viga transversal central, perpendicular a las anteriores, se dispuso un punto para el registro de flechas y otro para obtener deformaciones.

En la sección cuarto de la luz de los distintos vanos se colocaron puntos para la medición de flechas. Adicionalmente, en la sección a cuarto de luz del vano Nº 3 se dispuso una banda extensométrica.

Por otra parte, tanto en el estribo Nº 1 y en la Pila Nº 5 (donde se inicia el tramo de puente de hormigón pretensado) como en las pilas intermedias se dispusieron transductores de desplazamiento para medir los descensos de apoyo.

En las series de pruebas dinámicas se registraron aceleraciones verticales mediante la colocación acelerómetros en la totalidad de los vanos.

Se resalta que la instrumentación del punto P4-3 falló durante la prueba.

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6.3.-Equipos utilizados.

Para la medición de las flechas en todos los vanos de la estructura, se han empleado transductores de desplazamiento (L.V.D.T.; Linear Variable Differential Transducers) con un rango de al menos 25 mm de rango y 0,02 mm de incertidumbre. Mientras que para la medición de los descensos de apoyos se emplearon transductores de desplazamientos de al menos +/- 5 mm de rango y 0,01 mm de incertidumbre.

A su vez, para el registro de las deformaciones se emplearon bandas extensométricas del tipo FLA-6 de longitud activa, dotadas con un complemento de puente de Wheatestone contiguo a cada banda, para la medición de deformaciones.

Los acelerómetros empleados para las pruebas dinámicas son de tipo piezoeléctrico con un rango de los 0,15 a 50 Hz y una sensibilidad de 10.000 mV/g.

6.4.-Resultados previstos.

En el Anejo 2 (Proyecto de prueba de carga) se han obtenido las flechas esperadas durante la prueba exponiéndose a continuación el resumen de los valores calculados (los valores negativos representan ascensos del tablero, mientras que los valores positivos representan los descensos):

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Estado 1: Carga en vanos Nº 1 y Nº 3

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
1	P 1-1	L / 2 de vano Nº 1. Viga V1	29,5	---
1	P 1-2	L / 2 de vano Nº 1. Viga V2	28,9	---
1	P 1-3	L / 2 de vano Nº 1. Viga transversal	31,3	---
1	P 1-C	L / 4 de vano Nº 1. Viga V1	21,8	---
1	G 1-1	L / 2 de vano Nº 1. Viga V1	---	201
1	G 1-2	L / 2 de vano Nº 1. Viga V2	---	197
1	G 1-3	L / 2 de vano Nº 1. Viga transversal	---	199
2	P 2-1	L / 2 de vano Nº 2. Viga V1	-41,0	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	-39,5	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	-40,5	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	-25,7	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	-133
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	-131
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	0
3	P 3-1	L / 2 de vano Nº 3. Viga V1	58,5	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	59,8	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	45,8	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	205
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	207
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	76

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Estado 2: Carga en vanos Nº 2 y Nº 4

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
2	P 2-1	L / 2 de vano Nº 2. Viga V1	49,1	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	49,5	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	51,1	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	32,0	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	185
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	186
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	212
3	P 3-1	L / 2 de vano Nº 3. Viga V1	-47,9	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	-49,4	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	-33,4	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	-137
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	-137
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	-46
4	P 4-1	L / 2 de vano Nº 4. Viga V1	51,2	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	51,4	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	54,1	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	30,3	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	198
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	198
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	276

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Estado 3: Carga en vanos Nº 3 y Nº 5

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
3	P 3-1	L / 2 de vano Nº 3. Viga V1	53,0	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	54,1	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	38,5	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	172
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	173
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	51
4	P 4-1	L / 2 de vano Nº 4. Viga V1	-34,2	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	-34,9	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	-34,4	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	-21,9	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	-115
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	-117
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	0
5	P 5-1	L / 2 de vano Nº 5. Viga V1	25,5	---
5	P 5-2	L / 2 de vano Nº 5. Viga V2	26,4	---
5	P 5-3	L / 2 de vano Nº 5. Viga transversal	28,2	---
5	P 5-C	L / 4 de vano Nº 5. Viga V2	20,0	---
5	G 5-1	L / 2 de vano Nº 5. Viga V1	---	180
5	G 5-2	L / 2 de vano Nº 5. Viga V2	---	183
5	G 5-3	L / 2 de vano Nº 5. Viga transversal	---	232

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Estado 4: Carga en vanos Nº 1 y Nº 2

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
1	P 1-1	L / 2 de vano Nº 1. Viga V1	1,1	---
1	P 1-2	L / 2 de vano Nº 1. Viga V2	0,4	---
1	P 1-3	L / 2 de vano Nº 1. Viga transversal	1,8	---
1	P 1-C	L / 4 de vano Nº 1. Viga V1	0,9	---
1	G 1-1	L / 2 de vano Nº 1. Viga V1	---	13
1	G 1-2	L / 2 de vano Nº 1. Viga V2	---	11
1	G 1-3	L / 2 de vano Nº 1. Viga transversal	---	97
2	P 2-1	L / 2 de vano Nº 2. Viga V1	24,5	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	24,4	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	25,9	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	15,3	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	111
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	110
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	185

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Estado 5: Carga en vanos Nº 2 y Nº 3

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
2	P 2-1	L / 2 de vano Nº 2. Viga V1	6,2	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	9,4	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	8,2	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	5,7	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	35
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	37
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	90
3	P 3-1	L / 2 de vano Nº 3. Viga V1	24,1	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	28,1	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	21,5	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	98
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	103
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	21

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Estado 6: Carga en vanos Nº 3 y Nº 4

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
3	P 3-1	L / 2 de vano Nº 3. Viga V1	13,5	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	11,6	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	7,7	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	54
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	53
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	5
4	P 4-1	L / 2 de vano Nº 4. Viga V1	19,9	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	18,3	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	21,2	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	11,9	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	86
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	85
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	186

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Estado 7: Carga en vanos Nº 4 y Nº 5

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
4	P 4-1	L / 2 de vano Nº 4. Viga V1	15,7	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	17,1	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	17,0	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	12,1	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	71
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	73
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	89
5	P 5-1	L / 2 de vano Nº 5. Viga V1	4,5	---
5	P 5-2	L / 2 de vano Nº 5. Viga V2	6,4	---
5	P 5-3	L / 2 de vano Nº 5. Viga transversal	6,4	---
5	P 5-C	L / 4 de vano Nº 5. Viga V2	5,7	---
5	G 5-1	L / 2 de vano Nº 5. Viga V1	---	40
5	G 5-2	L / 2 de vano Nº 5. Viga V2	---	44
5	G 5-3	L / 2 de vano Nº 5. Viga transversal	---	110

Finalmente, mediante un análisis modal realizado con el programa STAAD PRO se obtuvo la frecuencia propia de la estructura y el correspondiente período:

MODO	FRECUENCIA (Hz.)	PERÍODO (s.)
1	0,95	1,05

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7.- PRUEBA DE CARGA

7.1.- Descripción

Los ensayos de prueba de carga fueron realizados por un equipo especializado de GEOCISA, el día 27 de mayo de 2010.

La secuencia de realización de las pruebas estáticas y pruebas dinámicas para los vanos hiperestáticos fue la siguiente:

PRUEBAS ESTÁTICAS			
Día	**Estado**	**Hora inicio**	
		Grupo 1	Grupo 2
27/05/2010	1	1:09	1:09
	2	1:46	1:46
	3	2:15	2:15
	4	2:43	2:43
	5	3:03	3:03
	6	3:22	3:22
	7	3:40	3:40

PRUEBAS DINÁMICAS		
Día	**Estado**	**Hora inicio**
27/05/2010	Lenta	4:10
	Din30	4:14
	DinMax	4:18
	DinFren	4:23

7.2.- Resultados obtenidos

Pruebas Estáticas:

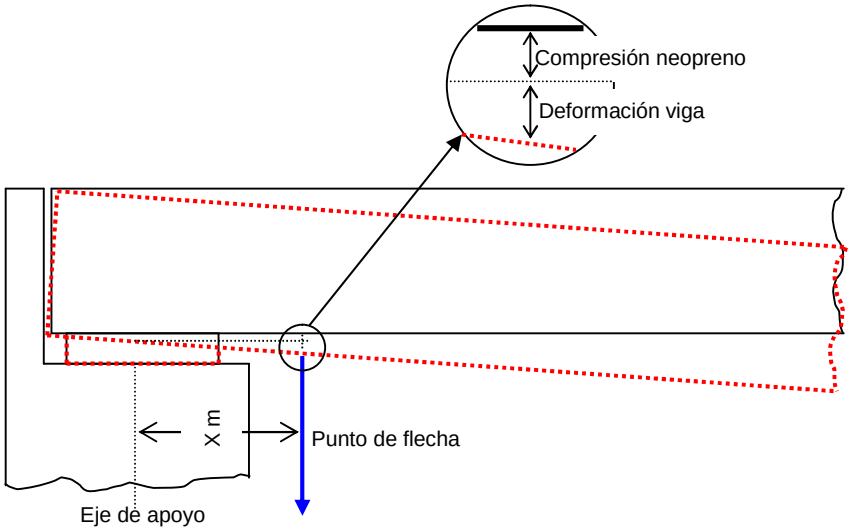
Una vez estabilizadas las medidas se obtienen los valores correspondientes a la prueba estática, que se acompañan en las tablas adjuntas.

A continuación se presenta la interpretación de algunas de las columnas de la tabla antes mencionada.

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La columna “Flecha Obtenida” corresponde a las flechas y deformaciones medidas en cada caso por el captador correspondiente tanto en el centro como a un cuarto del vano.

La columna “Flecha Neta” se obtiene restando a los valores contenidos en la columna anterior los correspondientes descensos de apoyos situados en los estribos y en las pilas de la estructura ensayada. Cabe destacar que en los casos en que la instrumentación del apoyo no pueda realizarse exactamente en el eje del mismo, deberá corregirse el valor del descenso registrado con el propósito de tener en cuenta la deformación de la viga, de acuerdo con el esquema que se presenta a continuación:



En este caso, los descensos se han medido en el eje de los apoyos, por lo que para obtener la flecha neta únicamente se ha restado la semisuma de los apoyos medidos.

En la columna “Flecha remanente” se encuentra los valores residuales de flecha una vez descargado el puente, permitiéndose constatar si existe una adecuada recuperación de la estructura.

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Se completa esta información con los gráficos de las pruebas estáticas que se incluyen en el Anejo 4.

RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 1 Carga en vano 1 Y 3							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
1	EE 1-1		1,08				
1	EE 1-2		1,34				
1 y 2	EP 1-1		0,19				
1 y 2	EP 1-2		0,06				
2 y 3	EP 2-1		0,72				
3 y 4	EP 3-2		-0,10				
1	P 1-1	29,53	18,66	17,99	61	0,12	99
1	P 1-2	28,93	20,00	19,33	67	-0,47	100
1	P 1-3	31,33	23,13	22,46	72	0,13	99
1	P 1-C	21,80	14,79	14,12	65	0,08	99
1	G 1-1	201	123		61	-2	100
1	G 1-2	197	125		63	-10	100
1	G 1-3	199	177		89	0	100
2	P 2-1	-41,03	-32,53	-32,96	80	-1,49	95
2	P 2-2	-39,46	-34,45	-34,88	88	-1,47	96
2	P 2-3	-40,50	-33,58	-34,01	84	-1,49	96
2	P 2-C	-25,73	-17,89	-18,32	71	1,32	100
2	G 2-1	-133	-99		75	20	100
2	G 2-2	-131	-73		56	29	100
2	G 2-3	0	0		100	-5	100
3	P 3-1	58,51	49,56	49,24	84	-4,52	100
3	P 3-2	59,79	50,16	49,84	83	-2,66	100
3	P 3-C	45,77	33,63	33,31	73	-0,34	100
3	G 3-1	205	167		81	-6	100
3	G 3-2	207	165		80	-6	100
3	G 3-C	76	53		70	3	94

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RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 2 Carga en vano 2 Y 4							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
1	EE 1-1		-1,01				
1	EE 1-2		-0,98				
1 y 2	EP 1-1		0,23				
1 y 2	EP 1-2		-0,04				
2 y 3	EP 2-1		0,23				
3 y 4	EP 3-2		0,00				
4 y 5	EP 4-1		-0,01				
4 y 5	EP 4-2		0,20				
2	P 2-1	49,12	40,03	39,80	81	0,63	98
2	P 2-2	49,54	42,78	42,55	86	0,45	99
2	P 2-3	51,10	46,10	45,87	90	0,73	98
2	P 2-C	31,98	20,00	19,77	62	0,26	99
2	G 2-1	185	147		79	-3	100
2	G 2-2	186	175		94	-12	100
2	G 2-3	212	160		76	-1	100
3	P 3-1	-47,86	-43,08	-43,19	90	2,11	100
3	P 3-2	-49,36	-48,91	-49,02	99	5,65	100
3	P 3-C	-33,36	-25,66	-25,77	77	-0,37	99
3	G 3-1	-137	-95		69	-1	99
3	G 3-2	-137	-122		90	1	100
3	G 3-C	-46	-51		110	-3,50	93
4	P 4-1	51,23	42,51	42,41	83	-0,86	100
4	P 4-2	51,42	44,70	44,60	87	0,11	100
4	P 4-C	30,33	17,81	17,71	58	-0,03	100
4	G 4-1	198	165		83	-7	100
4	G 4-2	198	185		93	-10	100
4	G 4-3	276	206		75	-6	100

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RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 3 Carga en vanos 3 Y 5							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
1 y 2	EP 1-1		-0,08				
1 y 2	EP 1-2		0,05				
2 y 3	EP 2-1		0,74				
3 y 4	EP 3-2		-0,19				
4 y 5	EP 4-1		-0,01				
4 y 5	EP 4-2		0,17				
5	EE 2-1		1,82				
5	EE 2-2		2,06				
3	P 3-1	53,03	51,17	50,90	96	-9,28	100
3	P 3-2	54,06	54,04	53,77	99	-4,77	100
3	P 3-C	38,49	31,64	31,37	81	0,32	99
3	G 3-1	172	151		88	-4	100
3	G 3-2	173	172		100	-3	100
3	G 3-C	51	20		39	-4	100
4	P 4-1	-34,24	-35,81	-35,81	105	-0,39	99
4	P 4-2	-34,89	-36,86	-36,86	106	-0,35	99
4	P 4-C	-21,90	-16,91	-16,91	77	-0,23	99
4	G 4-1	-115	-107		93	48	100
4	G 4-2	-117	-115		99	-2	98
4	G 4-3	0	0		100	0	100
5	P 5-1	25,54	18,60	18,60	73	0,19	99
5	P 5-2	26,40	19,02	19,02	72	0,21	99
5	P 5-3	28,19	23,04	23,04	82	0,16	99
5	G 5-1	180	145		80	-4	100
5	G 5-2	183	135		73	-7	100
5	G 5-3	232	212		91	1	99
5	P 5-C	20,01	16,17	15,24	76	-0,27	100

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RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 4 Carga en vanos 1 Y 2							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
1	EE 1-1		0,10				
1	EE 1-2		0,18				
1 y 2	EP 1-1		0,62				
1 y 2	EP 1-2		0,21				
2 y 3	EP 2-1		0,28				
1	P 1-1	1,13	1,07	0,79	70	0,02	98
1	P 1-2	0,36	0,65	0,37	103	-0,01	100
1	P 1-3	1,82	1,99	1,71	94	-0,02	100
1	P 1-C	0,88	1,22	0,94	107	0,04	96
1	G 1-1	13	13		96	-1	100
1	G 1-2	11	11		101	-1	100
1	G 1-3	97	87		89	-2	100
2	P 2-1	24,51	20,39	20,04	82	-0,37	100
2	P 2-2	24,41	23,01	22,66	93	-0,34	100
2	P 2-3	25,92	27,26	26,91	104	-0,24	100
2	P 2-C	15,25	9,09	8,74	57	-0,11	100
2	G 2-1	111	99		90	-4	100
2	G 2-2	110	121		110	0	100
2	G 2-3	185	200		108	-4	100

RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 5 Carga en vanos 2 Y 3							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
1 y 2	EP 1-1		0,05				
1 y 2	EP 1-2		0,02				
2 y 3	EP 2-1		1,63				
3 y 4	EP 3-2		-0,05				
2	P 2-1	6,15	6,38	5,55	90	-0,39	100
2	P 2-2	9,44	5,55	4,72	50	-0,30	100
2	P 2-3	8,21	9,29	8,46	103	-0,33	100
2	P 2-C	5,73	3,23	2,40	42	-0,21	100
2	G 2-1	35	35		100	1	97
2	G 2-2	37	41		110	2	95
2	G 2-3	90	123		136[1]	-3	100
3	P 3-1	24,14	21,91	21,12	87	0,32	99
3	P 3-2	28,11	21,27	20,48	73	-0,19	100
3	P 3-C	21,51	13,70	12,91	60	0,21	98
3	G 3-1	98	80		82	-1	100
3	G 3-2	103	102		99	-1	100

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[1] No se le da mayor importancia al valor del porcentaje alcanzado, ya que frente a la deformación prevalece la recuperación que ha sido del 100%. Por otra parte los porcentajes alcanzados en el resto de puntos instrumentados en el vano 2 son coherentes con el resto de resultados.

RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 6 Carga en vanos 3 Y 4							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
2 y 3	EP 2-1		0,12				
3 y 4	EP 3-2		-0,26				
4 y 5	EP 4-1		-0,01				
4 y 5	EP 4-2		0,09				
3	P 3-1	13,50	9,96	9,90	73	-0,17	100
3	P 3-2	11,61	11,01	10,95	94	-0,36	100
3	P 3-C	7,80	5,98	5,92	76	-0,17	100
3	G 3-1	54	59		109	-6	100
3	G 3-2	53	47		88	-8	100
3	G 3-C	5	4		76	-6	100
4	P 4-1	19,86	14,87	14,87	75	-0,55	100
4	P 4-2	18,28	16,93	16,93	93	-0,49	100
4	P 4-C	11,94	7,29	7,29	61	-0,12	100
4	G 4-1	86	83		97	-13	100
4	G 4-2	85	92		108	-9	100
4	G 4-3	186	194		104	-6	100

RESULTADOS DE LA PRUEBA ESTÁTICA EN VIADUCTO							
VIADUCTO METÁLICO SOBRE AP-7							
Estado 7 Carga en vanos 4 Y 5							
		FLECHAS (mm) Y MICRODEFORMACIONES (με)					
VANO	PUNTO	PREVISTA	OBTENIDA	NETA	% ALC.	REM. NETO	% REC.
3y4	EP3-2		0,04				
4y5	EP4-1		0,29				
4y5	EP4-2		0,75				
5	EE2-1		0,52				
5	EE2-2		0,57				
4	P4-1	15,65	14,00	13,72	88	-0,27	100
4	P4-2	17,08	14,32	14,04	82	-0,18	100
4	P4-C	12,08	6,24	5,96	49	0,00	100
4	G4-1	71	71		100	-2	100
4	G4-2	73	76		104	0	100
4	G4-3	89	93		104	-4	100
5	P5-1	4,46	3,70	3,17	71	-0,07	100
5	P5-2	6,43	4,78	4,25	66	-0,12	100
5	P5-3	6,39	5,43	4,90	77	-0,11	100
5	P5-C	5,74	3,03	2,50	44	-0,09	100
5	G5-1	40	27		67	0	100
5	G5-2	44	36		82	-1	100
5	G5-3	110	114		103	-2	100

Pruebas dinámicas:

A partir de un tratamiento analítico de los resultados obtenidos en estas pruebas se determinan tres parámetros que caracterizan la respuesta dinámica de la estructura analizada, éstos son:

- Coeficiente de impacto.
- Frecuencia.
- Amortiguamiento.

- Coeficiente de impacto:

El valor del coeficiente de impacto, en un determinado punto instrumentado, se ha calculado a partir de la comparación entre el máximo desplazamiento dinámico registrado, ya sea en la prueba dinámica a 30 km/h, en la de máxima velocidad o en la de frenado, con el correspondiente a la señal registrada en la prueba dinámica lenta.

A continuación se presentan los resultados obtenidos en estas pruebas, conjuntamente con los correspondientes valores calculados del coeficiente de impacto.

Vano	PUNTO	DINÁMICA LENTA	DINÁMICA A 30 km/h	DINÁMICA A MÁXIMA VELOC.	COEFICIENTE DE IMPACTO
1	**P 1-1**	3,34	3,32	3,32	0,99
1	**P 1-2**	6,01	6,03	5,88	1,00
1	**P 1-3**	6,56	6,58	6,48	1,00
1	**P 1-C**	4,62	4,62	4,68	1,01
2	**P 2-1**	7,89	7,68	7,87	1,00
2	**P 2-2**	12,81	12,63	12,67	0,99
2	**P 2-3**	12,62	12,16	12,48	0,99
2	**P 2-C**	3,84	3,74	3,72	0,98
3	**P 3-1**	6,32	6,23	6,12	0,99
3	**P 3-2**	14,75	14,69	13,11	1,00
3	**P 3-C**	9,67	9,56	10,38	1,07
4	**P 4-1**	8,17	7,94	8,30	1,01
4	**P 4-2**	12,76	12,82	13,06	1,02
4	**P 4-C**	5,89	5,86	5,79	0,99
5	**P 5-1**	3,38	3,13	3,17	0,95
5	**P 5-2**	6,25	6,28	6,25	1,01
5	**P 5-3**	5,85	5,86	5,92	1,01
5	**P 5-C**	4,62	4,70	4,70	1,02

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Análisis de frecuencias:

Se ha llevado a cabo un análisis de frecuencias mediante la aplicación de la Transformada Rápida de Fourier (F.F.T.) de las señales registradas en las pruebas dinámicas, principalmente de las aceleraciones. De este modo, se ha transformado la señal en el dominio del tiempo al dominio de la frecuencia. El cálculo de la F.F.T. se realiza mediante programa dentro del propio ordenador. Se obtiene como resultado final del análisis un espectro que permite determinar los valores de las frecuencias en Hz., de al menos, los tres primeros modos de vibración de la estructura.

A partir del análisis espectral de las aceleraciones registradas durante las pruebas dinámicas se obtuvieron valores de las frecuencias superiores a las previstas en el Proyecto.

VANOS	FRECUENCIA (Hz)
VANO 1	1,758
VANO 2	1,270
VANO 4	1,123
VANO 5	1,562

Los gráficos obtenidos del análisis de frecuencias de las señales dinámicas registradas durante las pruebas están contenidos en el Anejo 4.

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- Amortiguamiento:

La estimación del coeficiente de amortiguamiento se obtiene a partir del análisis de las señales dinámicas, principalmente aceleraciones. Para ello se utiliza sólo la parte del registro correspondiente a vibraciones libres (es decir, una vez que el vehículo abandona el tablero). Una medida del amortiguamiento viscoso se obtiene a través del valor del decremento logarítmico, parámetro que caracteriza a las estructuras reales. Dicho decremento para una vibración sinusoidal amortiguada pura vendrá dado por:

$$\delta = L_n\left[\frac{V_n}{V_{n+m}}\right]\cdot\left[\frac{1}{m}\right]$$

donde:

V_n: valor del pico en el ciclo n.

V_{n+m}: valor del pico en el ciclo n+m.

Dado que el amortiguamiento real no obedece exactamente al modelo de amortiguamiento viscoso perfecto, y que la señal correspondiente a vibraciones libres no será una sinusoide amortiguada pura con una sola frecuencia presente, los valores estimados podrán variar ligeramente en función del número de ciclo sobre el que se realice la estimación del instante que se adopte como origen de tales ciclos. La estimación se realizará sobre un número de ciclos relativamente grande (10-20) para evitar el efecto de magnificación del amortiguamiento estimado que puede producirse si sólo se toman unos pocos ciclos. Por otra parte, se tomará como origen el primero de los picos existentes después de que el vehículo haya abandonado el tablero, para disminuir los errores que pudiera cometerse en la estimación.

A continuación se muestran los coeficientes de amortiguamiento obtenidos:

VANOS	AMORTIGUAMIENTO
VANO 1	0,03
VANO 2	0,04
VANO 4	0,03
VANO 5	0,03

8.- ANÁLISIS DE LOS RESULTADOS

A partir de los resultados obtenidos que se expresan en las tablas anteriores se realizan los siguientes comentarios:

Pruebas estáticas.

- Para los estados de carga en que se cargaron vanos discontinuos (Estado Nº 1, Nº 2 y Nº 3). Se registraron valores de flechas, en general, inferiores a los previstos en el Proyecto de prueba de carga para los diferentes vanos que componen la estructura hiperestática. El valor medio de las flechas registradas en el centro de la luz respecto de las previstas se situó en torno al 81%, valor que se considera aceptable.
- Para los estados de carga en que se cargaron vanos continuos (Estado Nº 4, Nº 5, Nº 6 y Nº 7). Se registraron valores de flechas, en general, inferiores a los previstos en el Proyecto de prueba de carga para los diferentes vanos que componen la estructura hiperestática. El valor medio de las flechas registradas en el centro de la luz respecto de las previstas se situó en torno al 83%, valor que se considera aceptable.
- El máximo valor registrado para la flecha resultó de 53,77 mm que corresponde al vano Nº 3 en el estado de carga Nº 3. A su vez, la relación entre la luz y esta flecha máxima ha resultado de 1.395; valor plenamente admisible ya que es muy superior a la relación luz - flecha crítica.
- En los puntos situados a cuartos de luz se han obtenido algunos valores por debajo del 60% de los previstos, sin embargo dichos valores se consideran adecuados ya que los resultados del resto de puntos instrumentados permiten contrastar el buen funcionamiento de la estructura.
- En cuanto a deformaciones se refiere, el valor medio para las bandas en los vanos cargados de forma alterna es del 82%, mientras que para los vanos continuos es del 99%, valores todos ellos admisibles.

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- Una vez descargada la estructura se obtuvieron en todos los puntos de medida (tanto flechas como deformaciones) recuperaciones en forma instantánea, superiores al 90% para los transductores de desplazamiento y del 93% para las bandas extensométricas, valores todos ellos acordes con las Recomendaciones para la realización de Pruebas de carga en puentes de Ferrocarril.

Pruebas dinámicas.

- Los valores del coeficiente de impacto calculados a partir de la comparación entre las distintas señales registradas en las pruebas dinámicas están comprendidos entre 0,95 y 1,07, siendo el valor medio de 1,00, el cual se considera aceptable.
- A partir del análisis espectral de las aceleraciones registradas durante las pruebas dinámicas se obtuvieron, valores de las frecuencias comprendido entre 1,12 Hz y 1,76 Hz.
- Se han estimado los valores de amortiguamiento, a partir de los registros de aceleración en los distintos vanos hiperestáticos instrumentados, obteniéndose valores de 0,03 y 0,04, los cuales se consideran normales.

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9.- CONCLUSIONES Y RECOMENDACIONES

De acuerdo con lo expuesto en los apartados precedentes pueden extraerse las siguientes conclusiones y recomendaciones.

- Los valores de las flechas registrados en los distintos estados de carga resultaron en general ligeramente inferiores a los previstos en el Proyecto de prueba de carga.

- Del mismo modo, las deformaciones unitarias obtenidas están en general levemente por debajo de las previstas en el Proyecto de prueba de carga.

- Las recuperaciones obtenidas tanto de las flechas como de las bandas han sido inmediatas y satisfactorias. Por lo tanto, la estructura ensayada ha tenido un comportamiento elástico durante el desarrollo de las distintas pruebas.

- Los valores del coeficiente de impacto han resultado próximos a la unidad. Este hecho indica que dichos vanos no han experimentado amplificaciones durante las pruebas dinámicas.

- Las frecuencias obtenidas han resultado superiores a las previstas. Esto puede deberse a que la estructura tiene una rigidez superior a la considerada en el proyecto, lo cual está en concordancia con los valores de flechas y deformaciones obtenidos.

- Los valores estimados de amortiguamiento (comprendidos entre 0,03 y 0,05) están dentro de los valores normales para este tipo de estructuras.

- Durante la realización de las pruebas de carga no se detectó la aparición de fisuras ni de cualquier otro tipo de anomalías en las zonas objeto de estudio.

Por todo ello, se considera que el comportamiento de la estructura en estudio ha sido correcto durante la prueba de carga.

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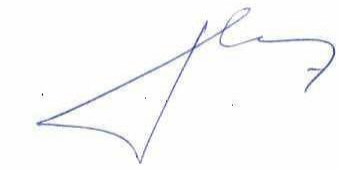
Madrid, octubre de 2010





FDO.: D. MARCOS ROS GARCÍA
Responsable trabajos de Campo

FDO.: D. JOSÉ ÁNGEL OLIVARES FERNÁNDEZ
Responsable Trabajos de Gabinete



FDO.: D. JULIO CASAL MACÍAS
Coordinador General Prueba de Carga

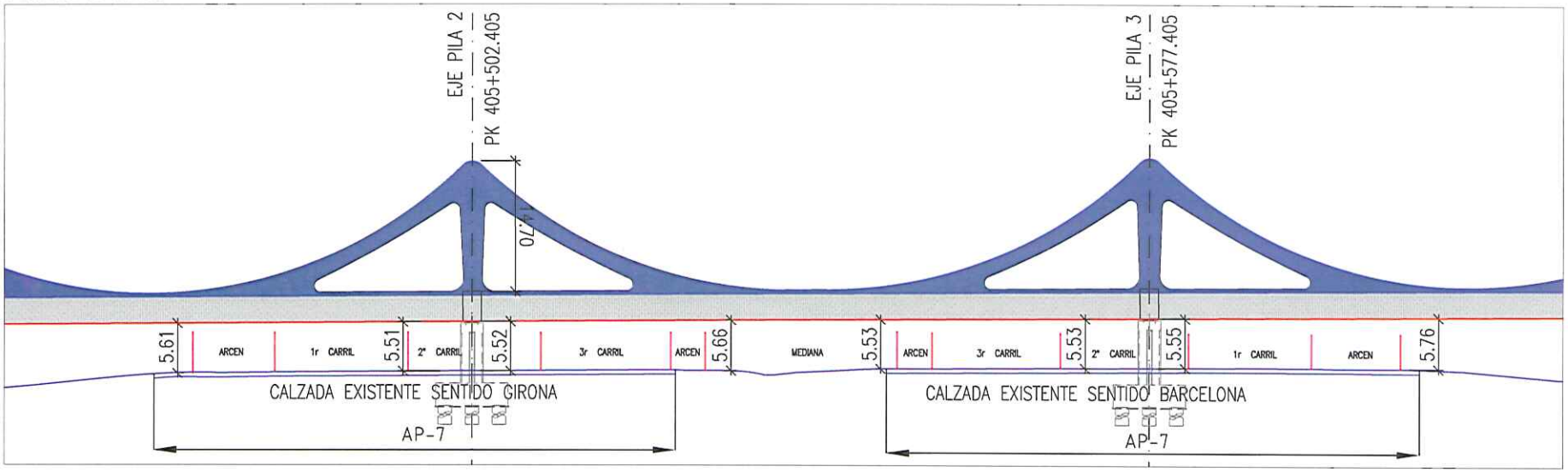
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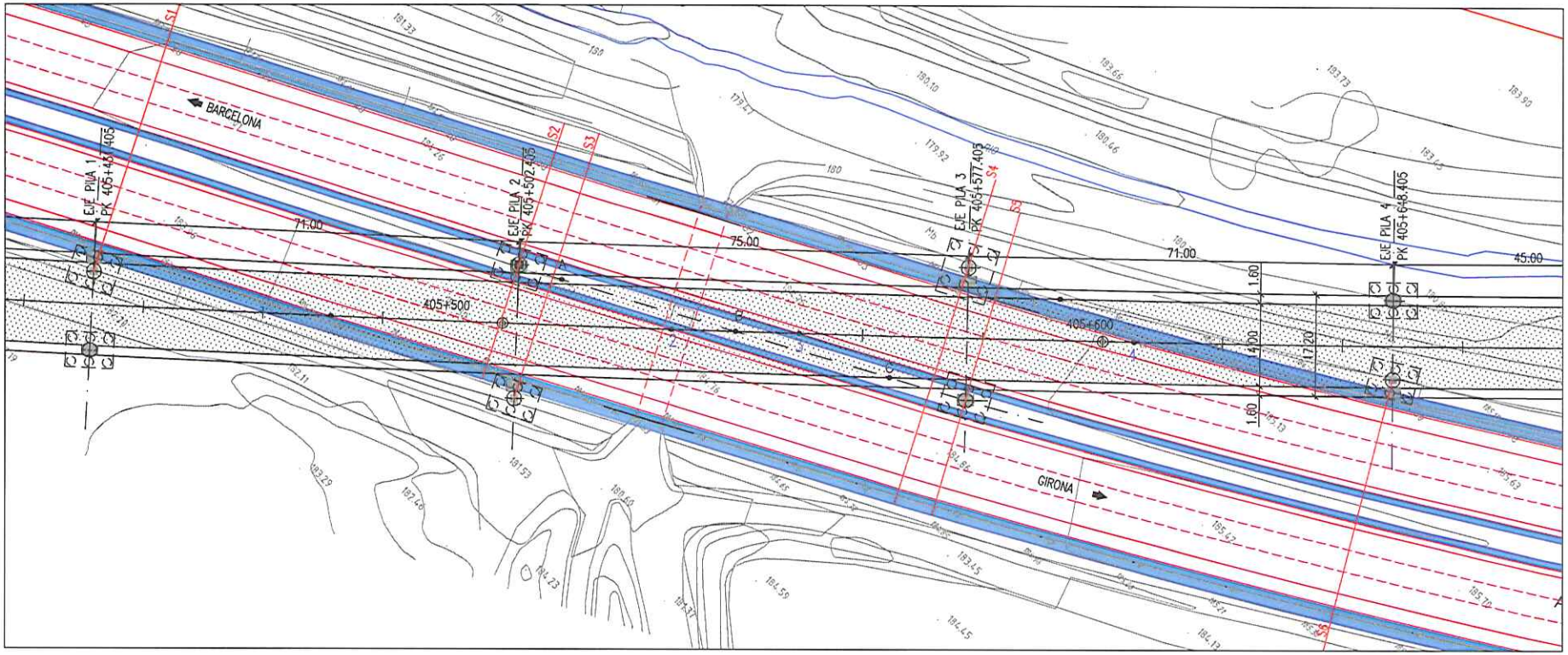
ANEJOS

ANEJO 1: DOCUMENTACIÓN FACILITADA POR EL ADIF

DESARROLLO POR EJE DE TRAZADO
ESCALA 1/500



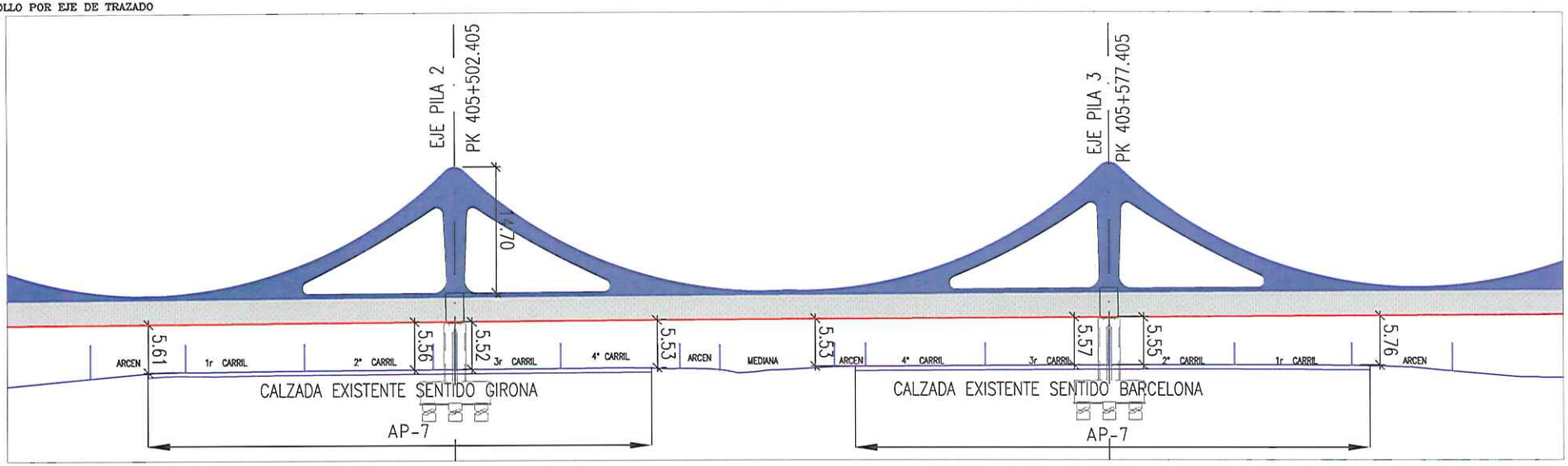
PLANTA
ESCALA 1/750



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.	ESCALA NORMAL 1:500 1:750 Numérica Gráfica 0 12.50 m 0 18.75 m	FECHA DICIEMBRE 2007	TITULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA SITUACIÓN FINAL. 3 CARRILES	Nº DE PLANO 5.1.5.1.1 Hoja 1 de 10

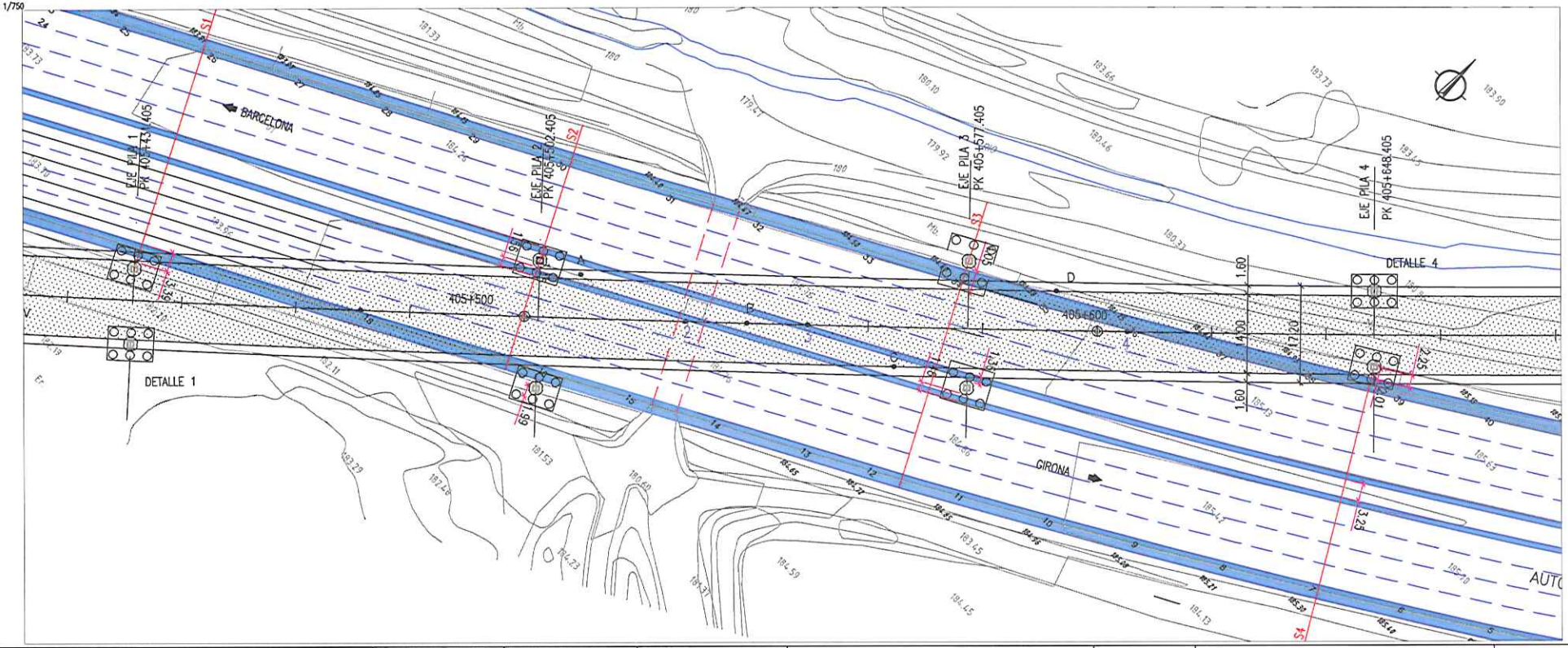
DESARROLLO POR EJE DE TRAZADO

ESCALA 1/500



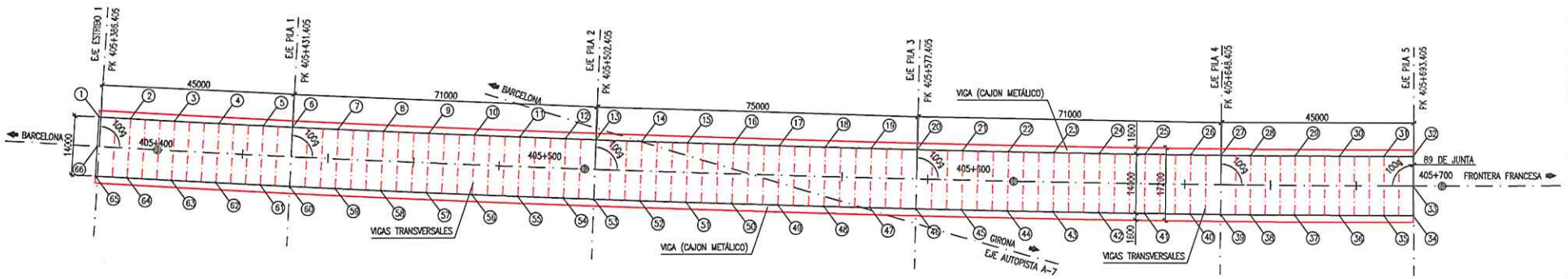
PLANTA

ESCALA 1/750



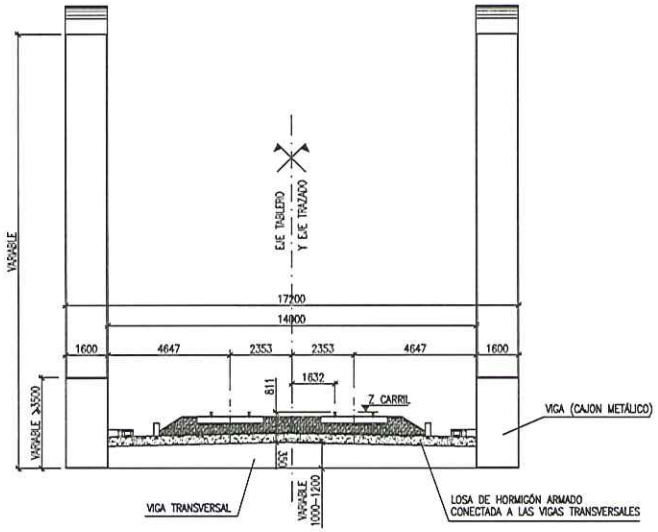
adif	BARCELONA SANTS - FIGUERES LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL s.a.	ESCALA NORMAL 1:500 Numérica 1:750 Gráfica 0 12.50 M 0 18.75 M	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA SITUACIÓN FUTURA. 4 CARRILES	Nº DE PLANO 5.1.5.1.1 Hoja 2 de 10

PLANTA
ESCALA 1/1000

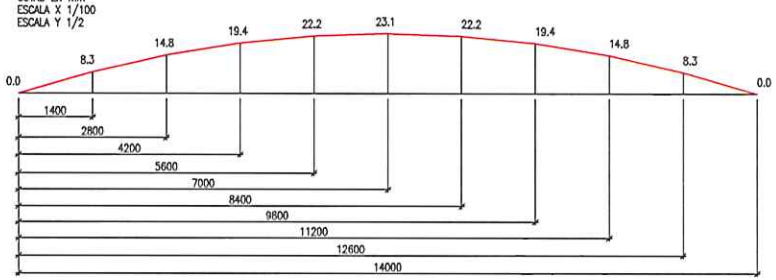


NOTA:
LAS COTAS LONGITUDINALES CORRESPONDEN A UN DESARROLLO POR EL EJE DE TABLERO.

SECCION TABLERO 1
ESCALA 1/200



CONTRAFLECHAS EN VIGAS TRANSVERSALES TIPO
COTAS EN mm
ESCALA X 1/100
ESCALA Y 1/2



CUADRO COORDENADAS		
PUNTO	X	Y
1	450792.196	4609898.288
2	450797.847	4609903.087
3	450805.739	4609909.814
4	450813.617	4609916.558
5	450821.481	4609923.318
6	450826.717	4609927.833
7	450834.758	4609934.793
8	450842.785	4609941.771
9	450850.796	4609948.765
10	450858.794	4609955.776
11	450866.776	4609962.804
12	450874.743	4609969.848
13	450880.047	4609974.554
14	450888.037	4609981.669
15	450896.013	4609988.802
16	450903.973	4609995.951
17	450911.918	4610003.117
18	450919.848	4610010.300
19	450927.763	4610017.500
20	450935.662	4610024.716
21	450943.499	4610031.906
22	450951.320	4610039.112

CUADRO COORDENADAS		
PUNTO	X	Y
23	450959.127	4610046.335
24	450966.918	4610053.574
25	450974.693	4610060.830
26	450982.454	4610068.102
27	450987.619	4610072.959
28	450992.649	4610077.702
29	451000.181	4610084.829
30	451007.699	4610091.972
31	451015.202	4610099.131
32	451020.131	4610103.849
33	451024.976	4610098.796
34	451029.820	4610093.743
35	451024.877	4610089.011
36	451017.353	4610081.833
37	451009.814	4610074.670
38	451002.261	4610067.523
39	450997.217	4610062.767
40	450992.038	4610057.896
41	450984.255	4610050.604
42	450976.458	4610043.328
43	450968.645	4610036.069
44	450960.817	4610028.826

CUADRO COORDENADAS		
PUNTO	X	Y
45	450952.974	4610021.600
46	450945.115	4610014.390
47	450937.194	4610007.153
48	450929.258	4609999.934
49	450921.306	4609992.731
50	450913.339	4609985.545
51	450905.356	4609978.376
52	450897.359	4609971.224
53	450889.346	4609964.089
54	450884.028	4609959.370
55	450876.038	4609952.306
56	450868.034	4609945.258
57	450860.015	4609938.228
58	450851.980	4609931.214
59	450843.931	4609924.218
60	450835.868	4609917.238
61	450830.618	4609912.710
62	450822.732	4609905.932
63	450814.832	4609899.169
64	450806.918	4609892.423
65	450801.253	4609887.611
66	450796.724	4609892.949

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PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS

EL DIRECTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JUAN LUIS MONJARÁS TORRES

EL AUTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS):
SERCAL

ESCALA NORMAL
1:1000
Numérica
Gráfica
0
40.00 m
0

FECHA
DICIEMBRE 2007

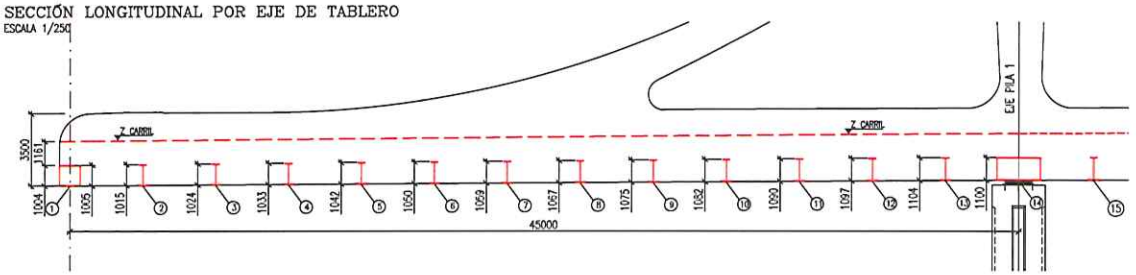
TÍTULO DEL PLANO
VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA
TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (I)

Nº DE PLANO
5.1.5.1.2

Hoja 1 de 34

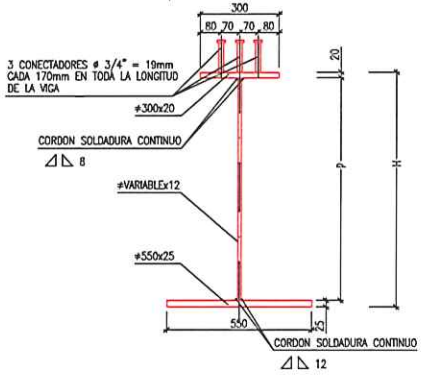
SECCIÓN LONGITUDINAL POR EJE DE TABLERO

ESCALA 1/250



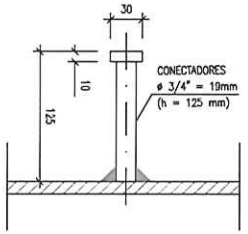
SECCION VIGA TIPO

ESCALA 1/20



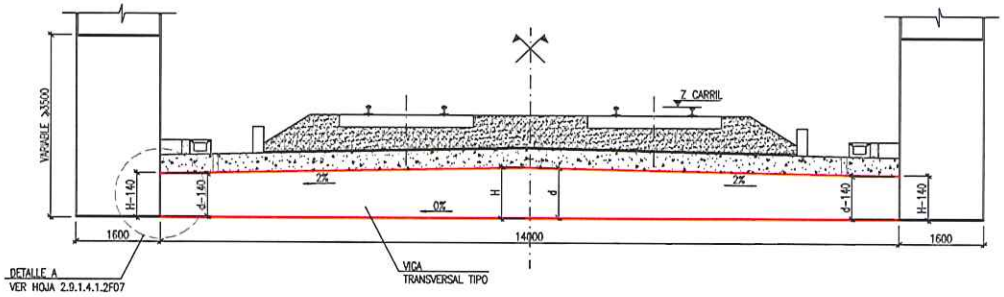
DETALLE CONECTADORES

ESCALA 1/5



SECCION TRANSVERSAL VIGA

ESCALA 1/100

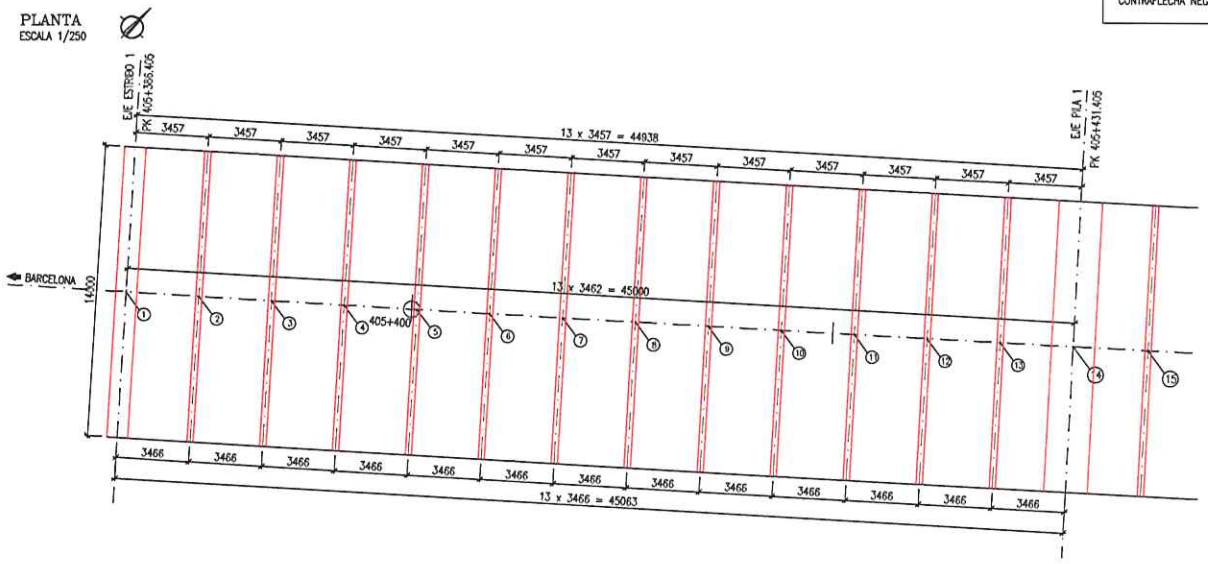


NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
N°VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
1	1005	960	865	820	0	0
2	1015	970	875	830	-7.1	-7.6
3	1024	979	884	839	-10.8	-12.5
4	1033	988	893	848	-12.6	-15.1
5	1042	997	902	857	-13.6	-17
6	1050	1005	910	865	-13.3	-17.5
7	1059	1014	919	874	-12.2	-17
8	1067	1022	927	882	-10.9	-16
9	1075	1030	935	890	-9.8	-15.1
10	1082	1037	942	897	-8.5	-13.8
11	1090	1045	950	1001	-6.6	-11.5
12	1097	1052	957	905	-4.3	-8.7
13	1104	1059	964	919	-2.4	-6.2
14	1111	1066	971	926	0	-5.3

PLANTA

ESCALA 1/250



ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

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PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
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EL AUTOR DEL PROYECTO CONSTRUIDO:
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.

ESCALA NORMAL 1:250 (Numérica)
0 6.25 m 0 (Gráfica)

FECHA: DICIEMBRE 2007

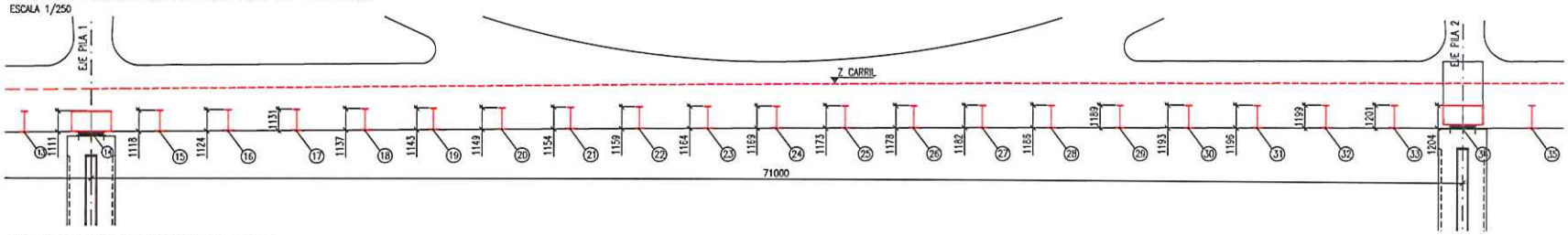
TÍTULO DEL PLANO: VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (II)

Nº DE PLANO: 5.1.5.1.2

Hoja 2 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO

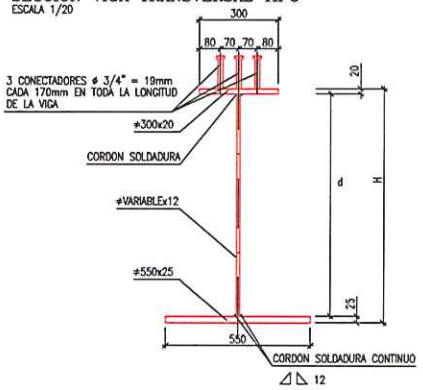
ESCALA 1/250



NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

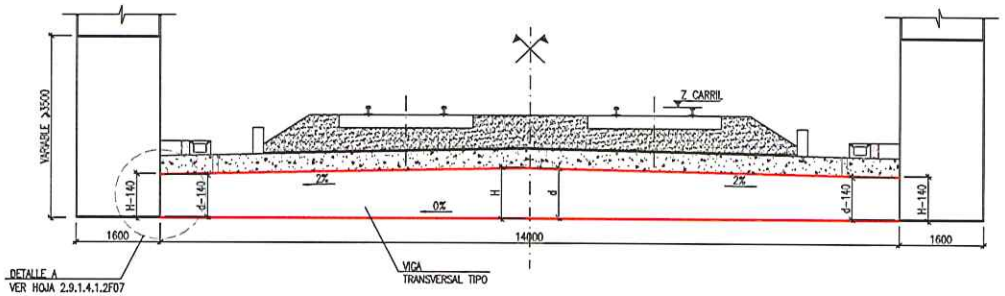
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



SECCION TRANSVERSAL VIGA

ESCALA 1/100



VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
15	1118	1073	978	933	-4.6	-7.4
16	1124	1079	984	939	-8.6	-11
17	1131	1086	991	946	-13.1	-14.9
18	1137	1092	997	952	-17.2	-18.4
19	1143	1098	1003	958	-20.7	-21
20	1149	1104	1009	964	-24	-23.3
21	1154	1109	1014	969	-27.5	-25.5
22	1159	1114	1019	974	-30.8	-27.4
23	1164	1119	1024	979	-33.2	-28.2
24	1169	1124	1029	984	-34.1	-27.5

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
25	1173	1128	1033	988	-33.6	-25.4
26	1178	1133	1038	993	-31.8	-22.2
27	1182	1137	1042	997	-29.4	-18.7
28	1186	1141	1046	1001	-27	-15.3
29	1189	1144	1049	1004	-25.1	-12.7
30	1193	1148	1053	1008	-23.5	-10.5
31	1196	1151	1056	1011	-21.5	-8.2
32	1199	1154	1059	1014	-19.3	-5.9
33	1201	1156	1061	1016	-17.5	-3.9
34	1204	1159	1064	1019	-17	-3.3

ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

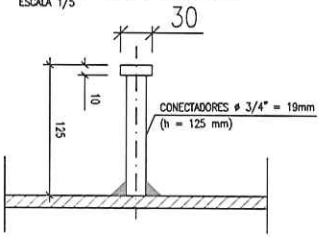
PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

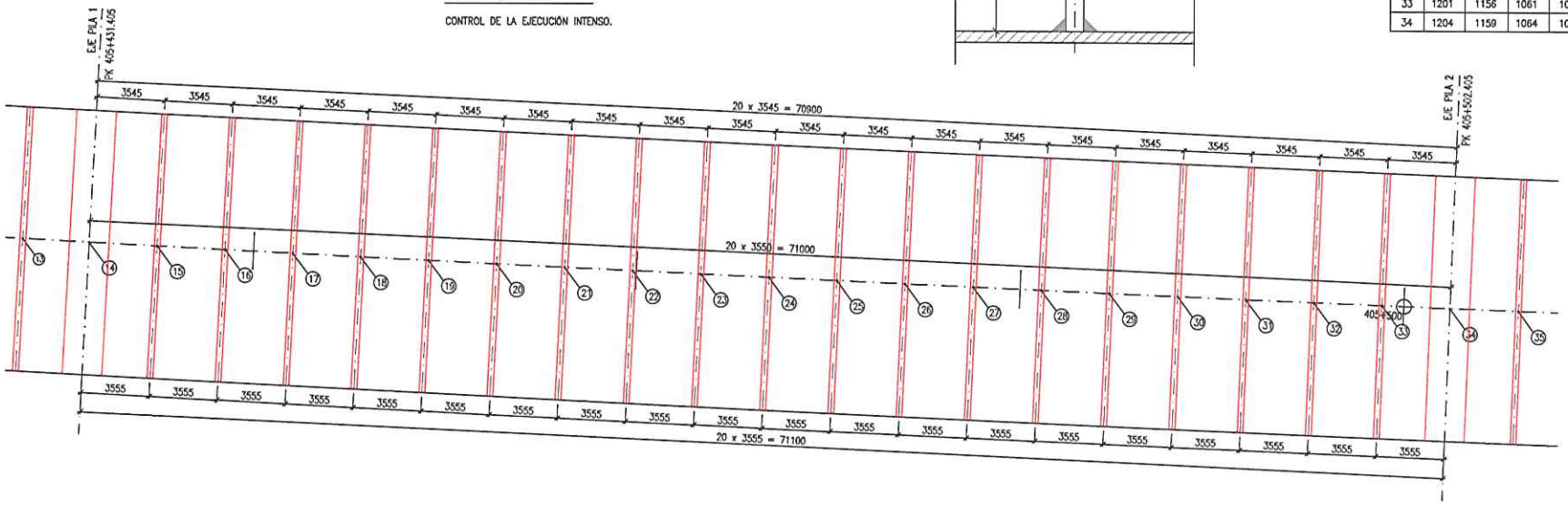
DETALLE CONECTADORES

ESCALA 1/5



PLANTA

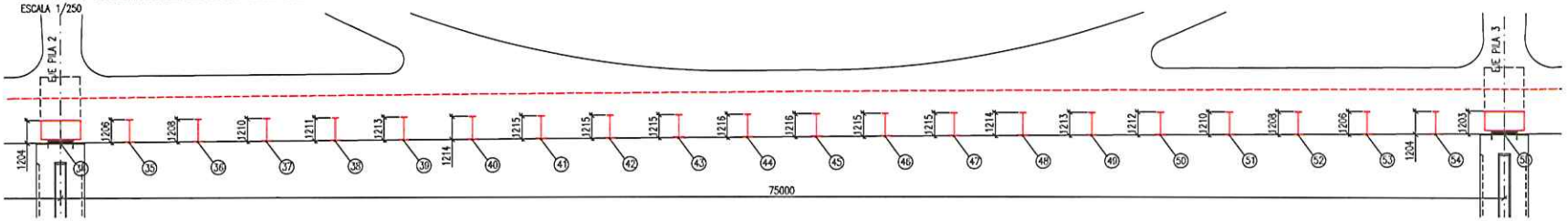
ESCALA 1/250



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO: LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO: Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO: Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (III)	Nº DE PLANO 5.1.5.1.2 Hoja 3 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO

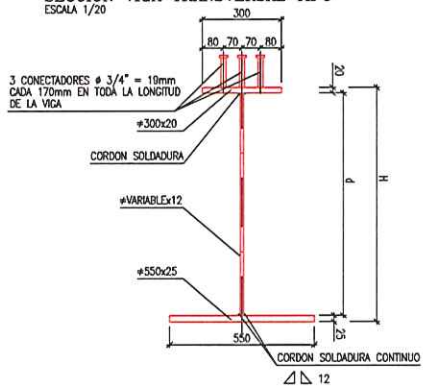
ESCALA 1/250



NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

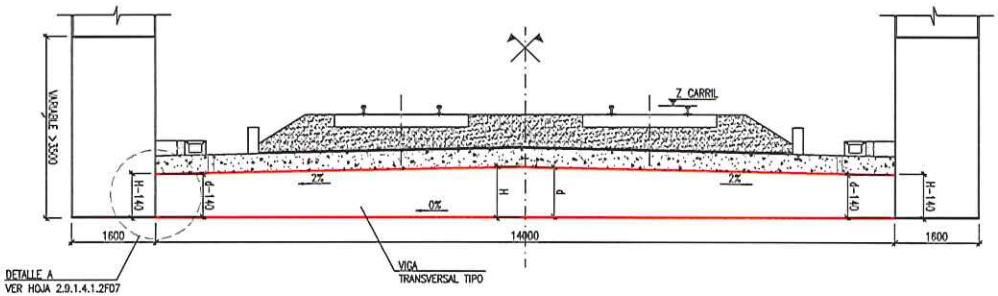
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



SECCION TRANSVERSAL VIGA

ESCALA 1/100



ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

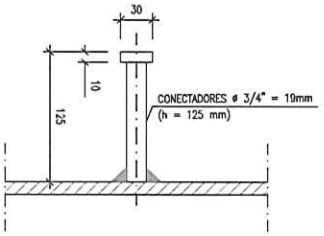
PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

DETALLE CONECTADORES

ESCALA 1/5

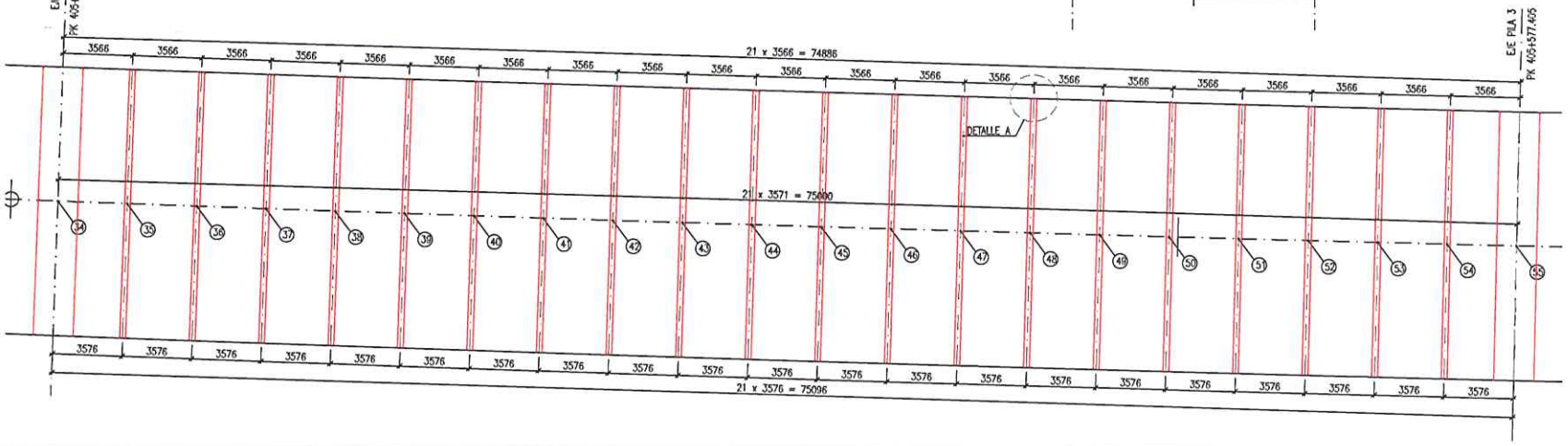


VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
35	1206	1161	1066	1021	-18.6	-4.7
36	1208	1163	1068	1023	-21.5	-7.4
37	1210	1165	1070	1025	-24.8	-10.5
38	1211	1166	1071	1026	-27.8	-13.5
39	1213	1168	1073	1028	-30.3	-16.3
40	1214	1169	1074	1029	-33.1	-19.6
41	1215	1170	1075	1030	-36.3	-23.6
42	1215	1170	1075	1030	-39.4	-27.8
43	1216	1171	1076	1031	-41.7	-31.5
44	1216	1171	1076	1031	-42.5	-34
45	1216	1171	1076	1031	-41.4	-34.9

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
46	1215	1170	1075	1030	-38.5	-34
47	1215	1170	1075	1030	-34.4	-31.8
48	1214	1169	1074	1029	-29.7	-28.8
49	1213	1168	1073	1028	-25.2	-25.8
50	1212	1167	1072	1027	-21.3	-23.3
51	1210	1165	1070	1025	-18	-21.1
52	1209	1164	1069	1024	-14.4	-18.4
53	1207	1162	1067	1022	-10.7	-15.6
54	1204	1159	1064	1019	-7.4	-13
55	1202	1157	1062	1017	-5.5	-11.8

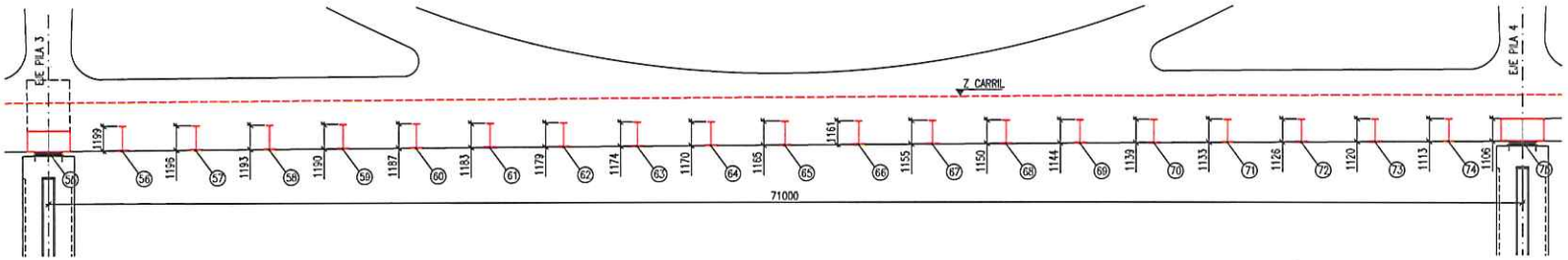
PLANTA

ESCALA 1/250



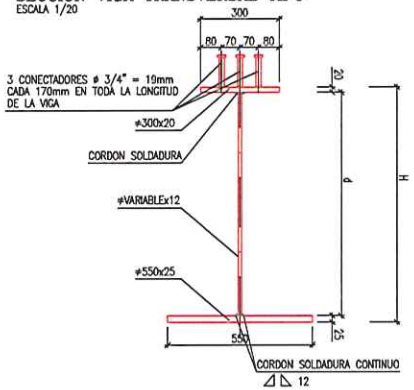
adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (IV)	Nº DE PLANO 5.1.5.1.2 Hoja 4 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO
ESCALA 1/250

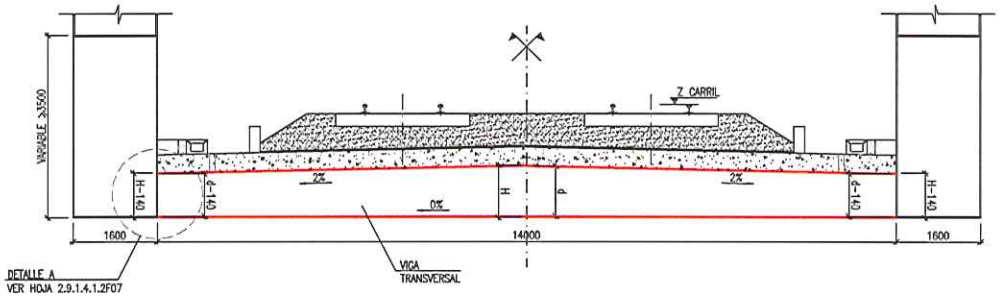


NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

SECCION VIGA TRANSVERSAL TIPO
ESCALA 1/20



SECCION TRANSVERSAL VIGA
ESCALA 1/100



VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
56	1199	1154	1059	1014	-5.7	-12.6
57	1197	1152	1057	1012	-7.1	-14.7
58	1193	1148	1053	1008	-9.1	-17.2
59	1190	1145	1050	1005	-10.9	-19.4
60	1187	1142	1047	1002	-12.6	-21.3
61	1183	1138	1043	998	-14.9	-23.6
62	1179	1134	1039	994	-17.9	-26.3
63	1175	1130	1035	990	-21.1	-29.1
64	1170	1125	1030	985	-23.9	-31.2
65	1165	1120	1025	980	-25.7	-32.2

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
66	1161	1116	1021	976	-26	-31.6
67	1155	1110	1015	970	-24.9	-29.6
68	1150	1105	1010	965	-22.8	-26.6
69	1144	1099	1004	959	-20.3	-23.3
70	1139	1094	999	954	-17.8	-20.2
71	1133	1088	993	948	-15.1	-16.9
72	1126	1081	986	941	-11.6	-12.9
73	1120	1075	980	935	-7.6	-8.5
74	1113	1068	973	928	-3.9	-4.6
75	1106	1061	966	921	0	0

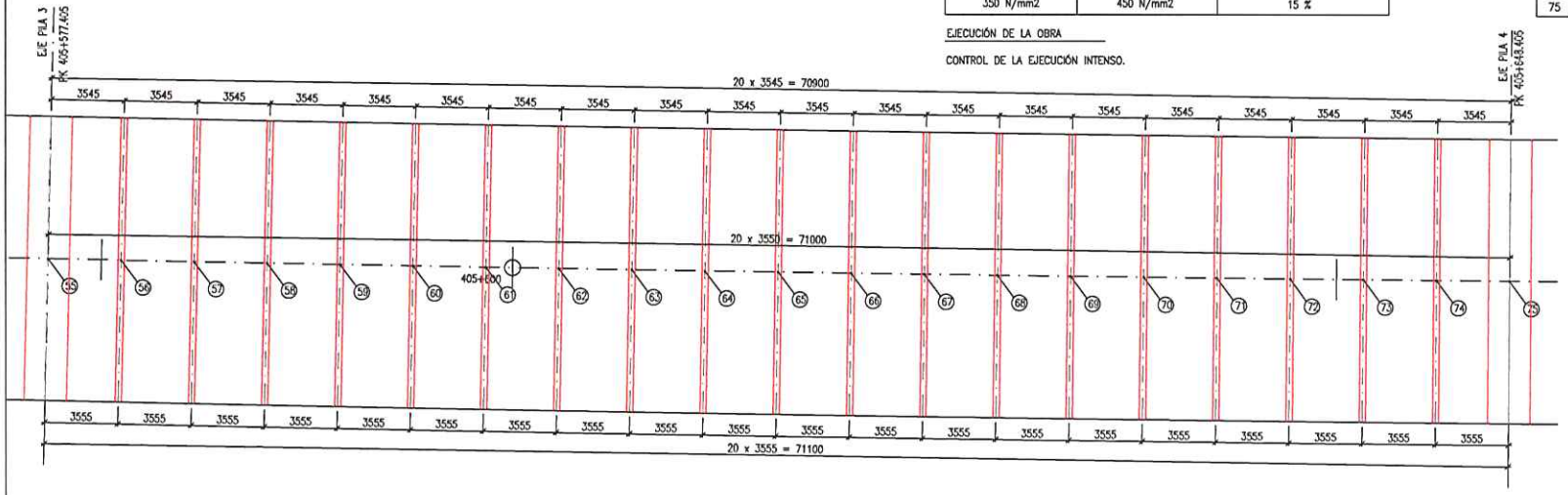
ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES		
LIMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

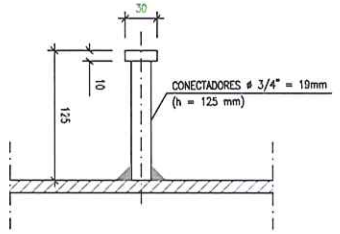
EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

PLANTA
ESCALA 1/250



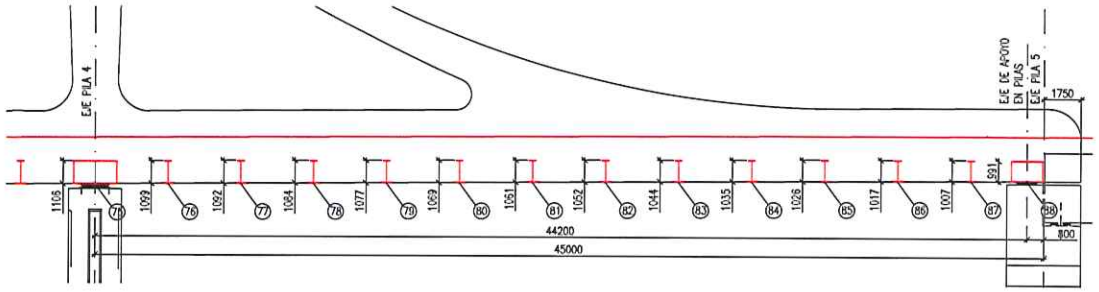
DETALLE CONECTADORES
ESCALA 1/5



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m 0	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (V)	Nº DE PLANO 5.1.5.1.2 Hoja 5 de 34

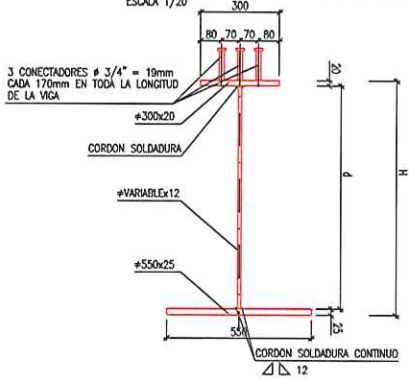
SECCIÓN LONGITUDINAL POR EJE DE TABLERO

ESCALA 1/250



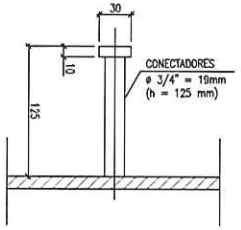
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



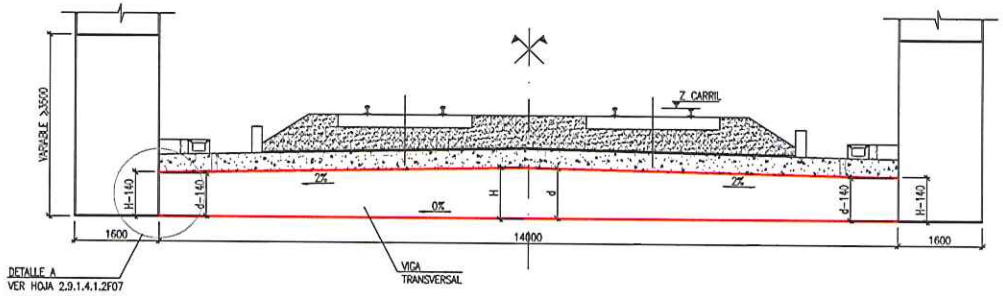
DETALLE CONECTADORES

ESCALA 1/5



SECCION TRANSVERSAL VIGA

ESCALA 1/100



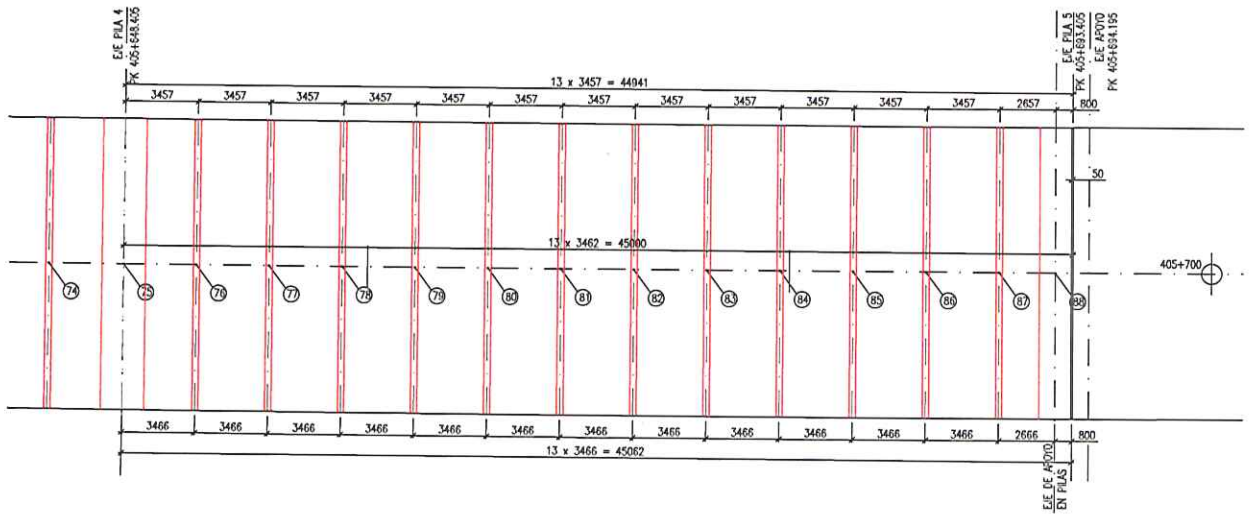
NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

VIGAS TRANSVERSALES

Nº VIGA	H	d	H-140	d-140	CONTRAFLECHA EN VIGA LONG. LADO DERECHO	CONTRAFLECHA EN VIGA LONG. LADO IZQUIERDO
76	1099	1054	959	914	−2.5	−2.2
77	1092	1047	952	907	−4.8	−3.8
78	1084	1039	944	899	−7.4	−5.8
79	1077	1032	937	892	−9.6	−7.5
80	1069	1024	929	884	−10.9	−8.5
81	1061	1016	921	876	−12	−9.4
82	1052	1007	912	867	−13.2	−10.6
83	1044	999	904	859	−14.1	−11.6
84	1035	990	895	755	−14	−11.8
85	1026	981	886	746	−12.5	−10.9
86	1017	972	877	737	−9.5	−8.6
87	1007	962	867	727	−5.3	−5.2
88	991	946	851	711	0	0

PLANTA

ESCALA 1/250



ACEROS DE ELEMENTOS METÁLICOS

ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES

LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

adif

PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS

EL DIRECTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JUAN LUIS MONJARÁS TORRES

EL AUTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS):
SERCAL

ESCALA NORMAL
1:250
Numérica
Gráfica
0 6.25 m

FECHA
DICIEMBRE 2007

TÍTULO DEL PLANO
VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (VI)

Nº DE PLANO
5.1.5.1.2

Hoja 6 de 34

ANEJO 2: PROYECTO DE PRUEBA DE CARGA

PROYECTO DE PRUEBA DE CARGA DEL VIADUCTO SOBRE LA AUTOPISTA AP-7 PERTENECIENTE A LA LÍNEA DE ALTA VELOCIDAD MADRID – ZARAGOZA – BARCELONA – FRONTERA FRANCESA.

TRAMO: BARCELONA SANTS - FIGUERES

SUBTRAMO: LA ROCA – LLINARS DEL VALLÉS

MAYO DE 2010

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2.- DESCRIPCIÓN DE LA ESTRUCTURA.

3.- JUSTIFICACIÓN DE LA CARGA DE LA PRUEBA.

4.- MEDICIONES A REALIZAR.

5.- PLAN DE CARGA Y PROGRAMACIÓN DEL ENSAYO.

5.1.- PRUEBAS ESTÁTICAS.

5.2.- PRUEBAS DINÁMICAS.

6.- RESULTADOS PREVISTOS.

A N E J O S

I.- DOCUMENTACIÓN FACILITADA.

II.- CÁLCULOS DE LA PRUEBA DE CARGA.

III.- CROQUIS DE INSTRUMENTACIÓN Y DISPOSICIÓN DE CARGAS.

1.- INTRODUCCIÓN

A instancias del A.D.I.F., la UTE PC LAV LA ROCA DEL VALLÉS – RIUDELLOTS DE LA SELVA, redacta el presente documento cuyo objeto es la especificación de la Prueba de Carga preceptiva con anterioridad a la recepción del Viaducto sobre la Autopista AP-7 situado entre los P.P.K.K de obra 405+386, perteneciente a la Línea Ferroviaria de Alta Velocidad Madrid – Zaragoza – Barcelona – Frontera Francesa, tramo: La Roca del Vallés – Llinars del Vallés.

2.- DESCRIPCIÓN DE LA ESTRUCTURA

De acuerdo con los datos obtenidos en la Inspección Previa y con la documentación suministrada por el Peticionario, se describen, a continuación, las principales características de la estructura que soportará en el futuro el tráfico ferroviario generado por la futura Línea de Alta Velocidad Madrid – Zaragoza – Barcelona – Frontera Francesa.

El viaducto está constituido por un tablero mixto con un esquema longitudinal de 5 vanos de 5 vanos de 45+71+75+71+45 metros de luz. El puente tiene una longitud entre ejes de Estribo 1 y Pila 5 de 307 metros. El dintel es de canto variable, constituido por dos vigas de sección cajón rectangular metálica de 1,6 m de ancho y canto variable entre 3,5 y 6,6 m, unidas transversalmente mediante vigas metálicas armadas de sección I espaciadas cada 3,55 m. Las vigas transversales se conectan superiormente a una losa de hormigón que recibe directamente las cargas de la plataforma. Las vigas longitudinales metálicas están suspendidas de unos tirantes metálicos que confluyen en el eje de las pilas donde un elemento vertical metálico de unos 15 m de altura transfiere la carga a la subestructura.

La plataforma tiene un ancho de 14,00 m en el que se ubica la capa de balasto del ferrocarril.

El tablero se ancla a uno de los estribos (estribo 1) para transmitir los eventuales empujes de frenado y arranque sobre el mismo. El resto de apoyos no toman fuerzas horizontales longitudinales, salvo las inducidas por el rozamiento entre el apoyo y el tablero a través de los apoyos de neopreno confinado tipo POT. Las pilas están constituidas por dos fustes de sección circular de hormigón armado.

Las cimentaciones son profundas mediante pilotes, dimensionadas de acuerdo con las indicaciones del estudio geotécnico. Se han empleado pilotes 1,50 y 1,80 m de diámetro.

El tipo de hormigón de la losa del tablero es HA-30. A su vez, el acero pasivo utilizado ha sido del tipo B 500 S, mientras que el acero activo empleado fue Y 1860 S7.

El acero estructural de las chapas, perrfiles laminados y conectadores es de tipo S355J2G3.

3.- JUSTIFICACIÓN DE LA CARGA DE LA PRUEBA

Las sobrecargas a utilizar en las pruebas serán suministradas por el Peticionario. Éstas consistirán en dos locomotoras rumanas de 1176 KN de peso total cada una y diez tolvas de 800 KN de peso total cada una (Anejo III). Por tratarse el viaducto sobre el autopista AP-7 de una estructura metálica se considerarán los siguientes siete estados de carga:

Estado Nº	***Vanos Cargados***
1	1 y 3
2	2 y 4
3	3 y 5
4	1 y 2
5	2 y 3
6	3 y 4
7	4 y 5

A continuación se describen para cada estado, la disposición de las cargas (Anejo III).

Estado de carga Nº 1: Se colocará, en cada vía, el conjunto compuesto por una locomotora rumana y dos tolvas (Nº 1 y Nº 2) con el 5º eje de la locomotora en coincidencia con el centro del vano 3. A su vez, se dispondrán otras tres tolvas (Nº 3, Nº 4 y Nº 5) en el vano 1 con el 2º eje de la tolva Nº 4 coincidente con el centro de dicho vano.

Estado de carga Nº 2: Se colocará, en cada vía, el conjunto compuesto por una locomotora rumana y dos tolvas (Nº 1 y Nº 2) con el 5º eje de la locomotora en coincidencia con el centro del vano 4. A su vez, se dispondrán otras tres tolvas (Nº 3, Nº 4 y Nº 5) en el vano 2 con el 2º eje de la tolva Nº 4 coincidente con el centro del vano.

Estado de carga Nº 3: Se colocará, en cada vía, el conjunto compuesto por una locomotora rumana y una tolva (Nº 1) con el 5º eje de la locomotora en coincidencia con el centro del vano 5. A su vez, se dispondrán otras cuatro tolvas (Nº 2, Nº 3, Nº 4 y Nº 5) en el vano 3 con el primer eje de la tolva Nº 4 coincidente con el centro del vano 3.

Estado de carga Nº 4: Se colocará en cada vía, en los vanos contiguos 1 y 2, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 1.

Estado de carga Nº 5: Se colocará en cada vía, en los vanos contiguos 2 y 3, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 2.

Estado de carga Nº 6: Se colocará en cada vía, en los vanos contiguos 3 y 4, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 3.

Estado de carga Nº 7: Se colocará en cada vía, en los vanos contiguos 4 y 5, el conjunto compuesto por la locomotora y las cinco tolvas sobre la pila Nº 4.

Además de las hipótesis de carga propias de la prueba se han considerado las hipótesis de proyecto dadas por la "Instrucción de acciones a considerar en el proyecto de puentes de ferrocarril" (IAPF 2007). Las hipótesis de carga, así como sus combinaciones correspondientes, válidas todas ellas para cada uno de los distintos tipos de vanos considerados, se detallan a continuación:

Las hipótesis de carga, así como sus combinaciones correspondientes, válidas todas ellas para cada uno de los distintos tipos de vanos considerados, se detallan a continuación:

HIPÓTESIS	**ESPECIFICACIÓN**
1	Peso propio
2	Carga muerta + balasto
3	Tren de carga de la Instrucción UIC 71
4	Estado Nº 1: (2 Locomotoras + 4 Tolvas en vano Nº 3) + (6 Tolvas en vano Nº 1)
5	Estado Nº 2: (2 Locomotoras + 4 Tolvas en vano Nº 4) + (6 Tolvas en vano Nº2)
6	Estado Nº 3: (2 Locomotoras + 2 Tolvas en vano Nº 5) + (8 Tolvas en vano Nº3)
7	Estado Nº 4: (2 Locomotoras + 10 Tolvas en vano Nº 1 y N º2 sobre pila Nº1)
8	Estado Nº 5: (2 Locomotoras + 10 Tolvas en vano Nº 2 y N º3 sobre pila Nº2)
9	Estado Nº 6: (2 Locomotoras + 10 Tolvas en vano Nº 3 y N º4 sobre pila Nº3)
10	Estado Nº 7: (2 Locomotoras + 10 Tolvas en vano Nº 4 y N º5 sobre pila Nº4)

Para el análisis estático del viaducto se ha desarrollado un modelo matemático tridimensional empleando el Programa de cálculo Tricalc (Anejo II). A su vez para el cálculo de la frecuencia propia de la estructura se utilizado el programa Staad Pro (Anejo II).

Con el objeto de establecer una comparación entre las acciones provocadas por las sobrecargas de la Instrucción y las correspondientes a la Prueba se han obtenido los valores de momento flector máximo y flechas máximas a partir del análisis del viaducto realizado con el programa Tricalc. A partir de éstos valores, se presentan, a continuación, las comparaciones siguientes:

-Sobrecarga únicamente

MOM. MAX IAPF (kN. m)	**MOM. MAX PRUEBA (kN. m)**	**%**	**FLECHA MAX IAPF (mm)**	**FLECHA MAX PRUEBA (mm)**	**%**
22140	12010	54,2	13,75	6,84	49,7

-Totalidad de las cargas

MOM. MAX IAPF (kN. m)	MOM. MAX PRUEBA (kN. m)	%	FLECHA MAX IAPF (mm)	FLECHA MAX PRUEBA (mm)	%
27200	17070	62,8	16,66	9,75	58,5

Para todas las comparaciones establecidas, los porcentajes alcanzados por los momentos máximos y flechas generados por las sobrecargas de la prueba resultan inferiores a los alcanzados aplicando las sobrecargas de la Instrucción.

4.- MEDICIONES A REALIZAR

Las mediciones a realizar durante la prueba serán las siguientes:

- Descensos verticales (flechas)
- Deformaciones
- Aceleraciones

La instrumentación total del viaducto se realizará en dos grupos (Anejo III).

En la sección centro de la luz de los cinco vanos, se colocará un punto para la medición de flechas y otro para la medición de deformaciones en la cara inferior de ambas vigas principales de canto variable. A su vez, excepto en el vano Nº 3, en la viga transversal central, perpendicular a las anteriores, se dispondrá un punto para el registro de flechas y otro para obtener deformaciones.

En la sección cuarto de la luz de los distintos vanos se colocarán puntos para la medición de flechas. Adicionalmente, en la sección a cuarto de luz del vano Nº 3 se dispondráuna banda extensométrica.

Por otra parte, tanto en el estribo Nº 1 y en la Pila Nº 5 (donde se inicia el tramo de puente de hormigón pretensado) como en las pilas intermedias se dispondrán transductores de desplazamiento para medir los descensos de apoyo.

Dada la magnitud de las flechas previstas en el proyecto en los vanos Nº 2, Nº 3 y Nº 4 se utilizarán transductores potenciométricos con un rango de +/- 50 mm, mientras que en los dos vanos extremos se emplearán transductores de desplazamiento (L.V.D.T.; Linear Variable Differential Transducers) con un rango de +/- 25 mm de rango y 0,1 mm de incertidumbre. Finalmente, para la medición de los descensos de apoyos se emplearán transductores de desplazamientos de al menos +/- 5 mm de rango y 0,05 mm de incertidumbre.

A su vez, para el registro de las deformaciones se emplearán bandas extensométricas del tipo PL-60 de longitud activa, dotadas con un complemento de puente de Wheatestone contiguo a cada banda, para la medición de deformaciones.

En las series de pruebas dinámicas se registrarán aceleraciones verticales mediante la colocación acelerómetros en la totalidad de los vanos. Los acelerómetros que se utilizarán tienen un rango de 0-40 Hz con compensación interna de 1 g.

5.- PLAN DE CARGA Y PROGRAMACIÓN DEL ENSAYO,

5.1.- Pruebas estáticas,

Para los estados Nº 1, Nº 2 y Nº 3 en que se carguen vanos alternos, la colocación de las sobrecargas y el registro de las lecturas en los puntos instrumentados, se llevará a cabo de acuerdo con la siguiente secuencia:

- Escalón 0: Medición de lecturas iniciales.

- Escalón 1: Colocación de la carga en cada vía (definida en el apartado 3) en el vano de menor orden.

- Escalón 2: Colocación de la carga en cada vía (definida en el apartado 3) en el vano de mayor orden.

- Escalón 3: Estabilización, medida y registro de las lecturas.

- Escalón 4: Medición y registro de las lecturas durante un tiempo no inferior a 10 minutos, comprobando la estabilidad de las medidas.

- Escalón 5: Descarga de la estructura en la secuencia contraria a la adoptada durante la disposición de las cargas.

- Escalón 6: Realización de lecturas comprobando que se alcanza la recuperación de, al menos, el 80% de la flecha máxima medida en un tiempo no superior al mantenimiento de la carga.

Para los estados Nº 4 a Nº 7 en que se cargan vanos contiguos, la colocación de las sobrecargas y el registro de las lecturas en los puntos instrumentados, se llevará a cabo de acuerdo con la siguiente secuencia:

- Escalón 0: Medición de lecturas iniciales.

- Escalón 1: Colocación de la carga en cada vía (definida en el apartado 3) en los vanos contiguos: (1 y 2), (2 y 3), (3 y 4) y (4 y 5) y sobre las pilas: (Nº 1), (Nº 2), (Nº 3) y (Nº4).

- Escalón 2: Estabilización, medida y registro de las lecturas.

- Escalón 3: Medición y registro de las lecturas durante un tiempo no inferior a 10 minutos, comprobando la estabilidad de las medidas.

- Escalón 4: Descarga de la estructura en la secuencia contraria a la adoptada durante la disposición de las cargas en cada vía.

- Escalón 5: Realización de lecturas comprobando que se alcanza la recuperación de, al menos, el 80% de la flecha máxima medida en un tiempo no superior al mantenimiento de la carga.

5.2.- Pruebas dinámicas

Se realizarán una serie de pruebas dinámicas donde el tren de carga circulará a lo largo del grupo de vanos instrumentados por una de las vías con el objeto de obtener parámetros tales como el coeficiente de impacto, el amortiguamiento y la frecuencia de vibración. Se realizarán las siguientes pruebas dinámicas:

- Paso del tren de cargas a 5 km/h (prueba seudo-estática)
- Paso del tren de cargas a una velocidad de 30 km/h
- Paso del tren de cargas a la máxima velocidad posible
- Prueba de frenado en la que el tren de cargas adquirirá la máxima velocidad posible

A partir de un tratamiento analítico de los resultados obtenidos en las pruebas dinámicas citadas se determinarán tres parámetros que caracterizan la respuesta dinámica de la estructura analizada. Estos son:

- Frecuencia
- Coeficiente de Impacto
- Amortiguamiento.

- Análisis de frecuencias:

  Se llevará a cabo un análisis de frecuencias mediante la aplicación de la Transformada Rápida de Fourier (F.F.T.) de las señales dinámicas provenientes de las pruebas de frenado y a máxima velocidad, principalmente aceleraciones. De este modo, se transformará la señal del dominio del tiempo al dominio de la frecuencia. Se obtendrá como resultado final del análisis un espectro que permitirá determinar, principalmente, los valores de la frecuencia propia de la estructura, en Hz, correspondiente al modo de vibrar de flexión de la estructura ensayada. Estos valores de frecuencia propia obtenidos en las pruebas dinámicas de frenado se compararán con el valor de la frecuencia propia previsto en el apartado 6.

- Coeficiente de impacto:

  El valor del coeficiente de impacto o de incremento dinámico, φ, en un determinado punto instrumentado, se calculará a partir de la relación entre el máximo desplazamiento dinámico registrado en las distintas pruebas, en cada uno de los puntos instrumentados, con respecto al correspondiente a la señal registrada en la prueba dinámica lenta (5 Km/h).

- Amortiguamiento:

  La estimación del coeficiente de amortiguamiento, dado por el decremento logarítmico, δ, se determinará a partir del análisis de las señales dinámicas, principalmente aceleraciones. Para ello se utilizará sólo la parte del registro correspondiente a vibraciones libres (es decir, una vez que el tren de cargas abandone el/los vanos correspondientes).

  La medida del amortiguamiento viscoso se obtendrá a través del valor del decremento logarítmico, parámetro que caracteriza a las estructuras reales. Dicho decremento para una vibración sinusoidal amortiguada pura vendrá dado por:

$$\delta = L_n\left[\frac{V_n}{V_{n+m}}\right]\cdot\left[\frac{1}{m}\right]$$

donde:

V_n: valor del pico en el ciclo n.
V_{n+m}: valor del pico en el ciclo n+m.

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6.- RESULTADOS PREVISTOS,

En el Anejo II (Cálculos) se han obtenido las flechas esperadas durante la prueba, exponiéndose a continuación el resumen de los valores calculados para el único estado considerado:

Estado 1: Carga en vanos Nº 1 y Nº 3

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
1	P 1-1	L / 2 de vano Nº 1. Viga V1	29,5	---
1	P 1-2	L / 2 de vano Nº 1. Viga V2	28,9	---
1	P 1-3	L / 2 de vano Nº 1. Viga transversal	31,3	---
1	P 1-C	L / 4 de vano Nº 1. Viga V1	21,8	---
1	G 1-1	L / 2 de vano Nº 1. Viga V1	---	201
1	G 1-2	L / 2 de vano Nº 1. Viga V2	---	197
1	G 1-3	L / 2 de vano Nº 1. Viga transversal	---	199
2	P 2-1	L / 2 de vano Nº 2. Viga V1	-41,0	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	-39,5	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	-40,5	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	-25,7	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	-133
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	-131
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	0
3	P 3-1	L / 2 de vano Nº 3. Viga V1	58,5	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	59,8	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	45,8	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	205
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	207
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	76

Estado 2: Carga en vanos Nº 2 y Nº 4

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
2	P 2-1	L / 2 de vano Nº 2. Viga V1	49,1	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	49,5	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	51,1	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	32,0	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	185
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	186
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	212
3	P 3-1	L / 2 de vano Nº 3. Viga V1	-47,9	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	-49,4	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	-33,4	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	-137
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	-137
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	-46
4	P 4-1	L / 2 de vano Nº 4. Viga V1	51,2	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	51,4	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	54,1	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	30,3	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	198
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	198
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	276

Estado 3: Carga en vanos Nº 3 y Nº 5

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
3	P 3-1	L / 2 de vano Nº 3. Viga V1	53,0	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	54,1	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	38,5	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	172
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	173
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	51
4	P 4-1	L / 2 de vano Nº 4. Viga V1	-34,2	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	-34,9	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	-34,4	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	-21,9	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	-115
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	-117
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	0
5	P 5-1	L / 2 de vano Nº 5. Viga V1	25,5	---
5	P 5-2	L / 2 de vano Nº 5. Viga V2	26,4	---
5	P 5-3	L / 2 de vano Nº 5. Viga transversal	28,2	---
5	P 5-C	L / 4 de vano Nº 5. Viga V2	20,0	---
5	G 5-1	L / 2 de vano Nº 5. Viga V1	---	180
5	G 5-2	L / 2 de vano Nº 5. Viga V2	---	183
5	G 5-3	L / 2 de vano Nº 5. Viga transversal	---	232

Estado 4: Carga en vanos Nº 1 y Nº 2

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
1	P 1-1	L / 2 de vano Nº 1. Viga V1	1,1	---
1	P 1-2	L / 2 de vano Nº 1. Viga V2	0,4	---
1	P 1-3	L / 2 de vano Nº 1. Viga transversal	1,8	---
1	P 1-C	L / 4 de vano Nº 1. Viga V1	0,9	---
1	G 1-1	L / 2 de vano Nº 1. Viga V1	---	13
1	G 1-2	L / 2 de vano Nº 1. Viga V2	---	11
1	G 1-3	L / 2 de vano Nº 1. Viga transversal	---	97
2	P 2-1	L / 2 de vano Nº 2. Viga V1	24,5	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	24,4	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	25,9	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	15,3	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	111
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	110
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	185

Estado 5: Carga en vanos Nº 2 y Nº 3

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
2	P 2-1	L / 2 de vano Nº 2. Viga V1	6,2	---
2	P 2-2	L / 2 de vano Nº 2. Viga V2	9,4	---
2	P 2-3	L / 2 de vano Nº 1. Viga transversal	8,2	---
2	P 2-C	L / 4 de vano Nº 2. Viga V1	5,7	---
2	G 2-1	L / 2 de vano Nº 2. Viga V1	---	35
2	G 2-2	L / 2 de vano Nº 2. Viga V2	---	37
2	G 2-3	L / 2 de vano Nº 2. Viga transversal	---	90
3	P 3-1	L / 2 de vano Nº 3. Viga V1	24,1	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	28,1	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	21,5	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	98
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	103
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	21

Estado 6: Carga en vanos Nº 3 y Nº 4

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
3	P 3-1	L / 2 de vano Nº 3. Viga V1	13,5	---
3	P 3-2	L / 2 de vano Nº 3. Viga V2	11,6	---
3	P 3-C	L / 4 de vano Nº 3. Viga V1	7,7	---
3	G 3-1	L / 2 de vano Nº 3. Viga V1	---	54
3	G 3-2	L / 2 de vano Nº 3. Viga V2	---	54
3	G 3-C	L / 4 de vano Nº 3. Viga V1	---	5
4	P 4-1	L / 2 de vano Nº 4. Viga V1	19,9	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	18,3	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	21,2	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	11,9	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	86
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	85
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	186

Estado 7: Carga en vanos Nº 4 y Nº 5

VANO	PUNTO Nº	SECCIÓN	FLECHA PREVISTA (mm)	DEFORMACIÓN PREVISTA (με)
4	P 4-1	L / 2 de vano Nº 4. Viga V1	15,7	---
4	P 4-2	L / 2 de vano Nº 4. Viga V2	17,1	---
4	P 4-3	L / 2 de vano Nº 4. Viga transversal	17,0	---
4	P 4-C	L / 4 de vano Nº 4. Viga V2	11,1	---
4	G 4-1	L / 2 de vano Nº 4. Viga V1	---	71
4	G 4-2	L / 2 de vano Nº 4. Viga V2	---	73
4	G 4-3	L / 2 de vano Nº 4. Viga transversal	---	89
5	P 5-1	L / 2 de vano Nº 5. Viga V1	4,5	---
5	P 5-2	L / 2 de vano Nº 5. Viga V2	6,4	---
5	P 5-3	L / 2 de vano Nº 5. Viga transversal	6,4	---
5	P 5-C	L / 4 de vano Nº 5. Viga V2	5,7	---
5	G 5-1	L / 2 de vano Nº 5. Viga V1	---	40
5	G 5-2	L / 2 de vano Nº 5. Viga V2	---	44
5	G 5-3	L / 2 de vano Nº 5. Viga transversal	---	110

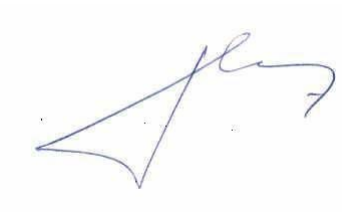
Finalmente, mediante un análisis modal realizado con el programa Staad Pro se obtuvo la frecuencia propia de la estructura y el correspondiente período:

MODO	FRECUENCIA (Hz.)	PERÍODO (seg.)
1	0,95	1,05

El presente informe consta de veintitrés páginas selladas y correlativamente numeradas desde la uno a la veintitrés y de tres anejos sin paginar relacionados en el índice.

Madrid, mayo 2010

POR EL ÁREA AUSCULTACIÓN Y CONTROL TÉCNICO:



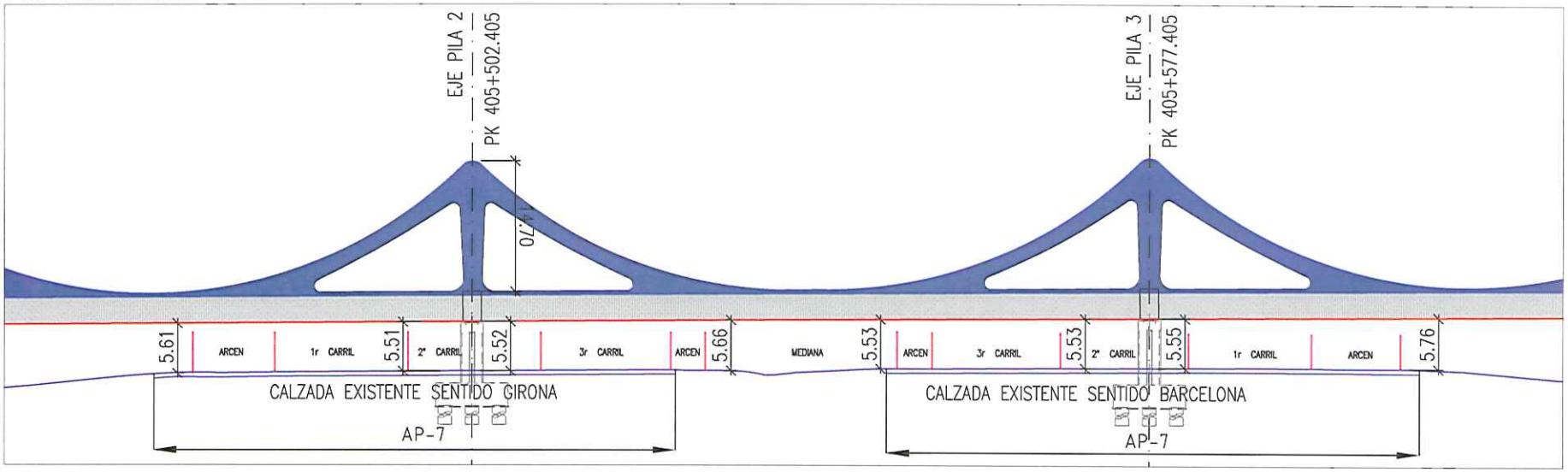
FDO.: Julio Casal Macias.

Coordinador General Pruebas de Carga

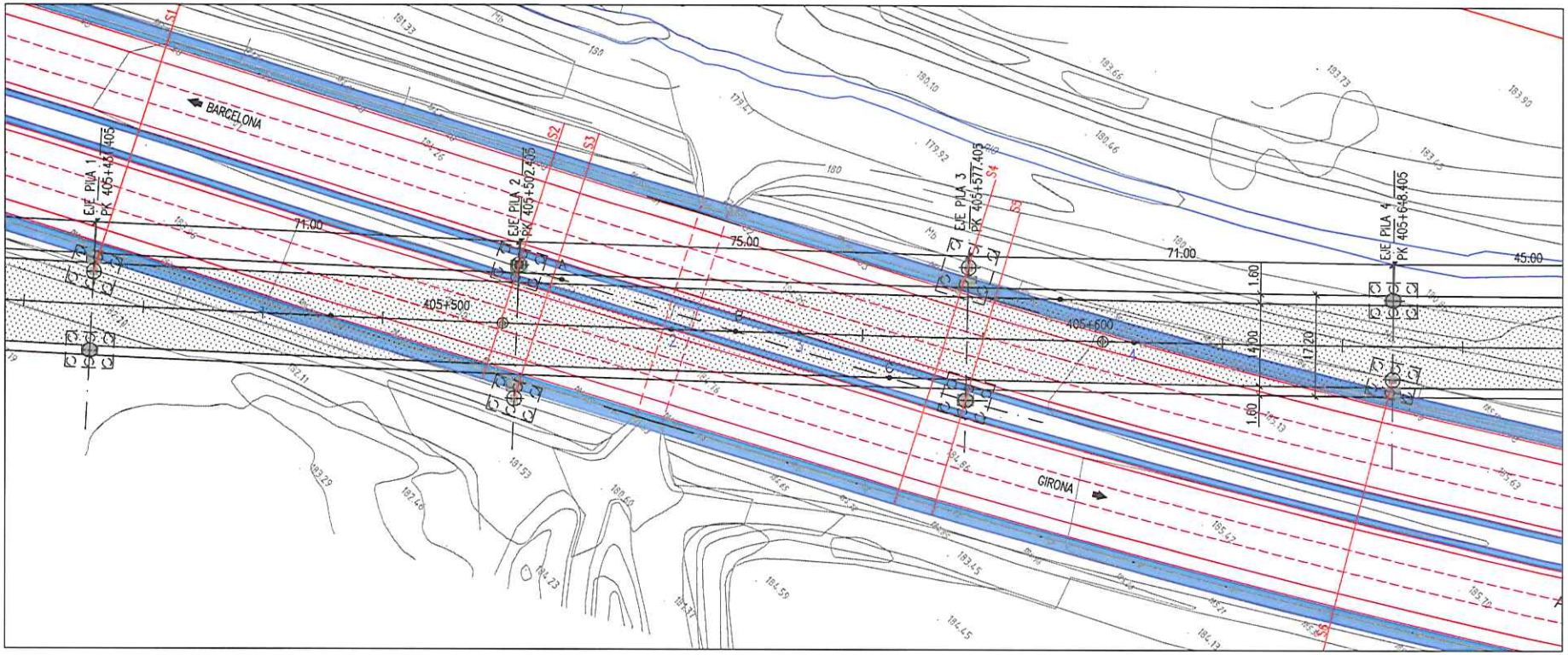
Prohibida la reproducción parcial de este documento sin la aprobación expresa de GEOCISA

I.- DOCUMENTACIÓN FACILITADA

DESARROLLO POR EJE DE TRAZADO
ESCALA 1/500



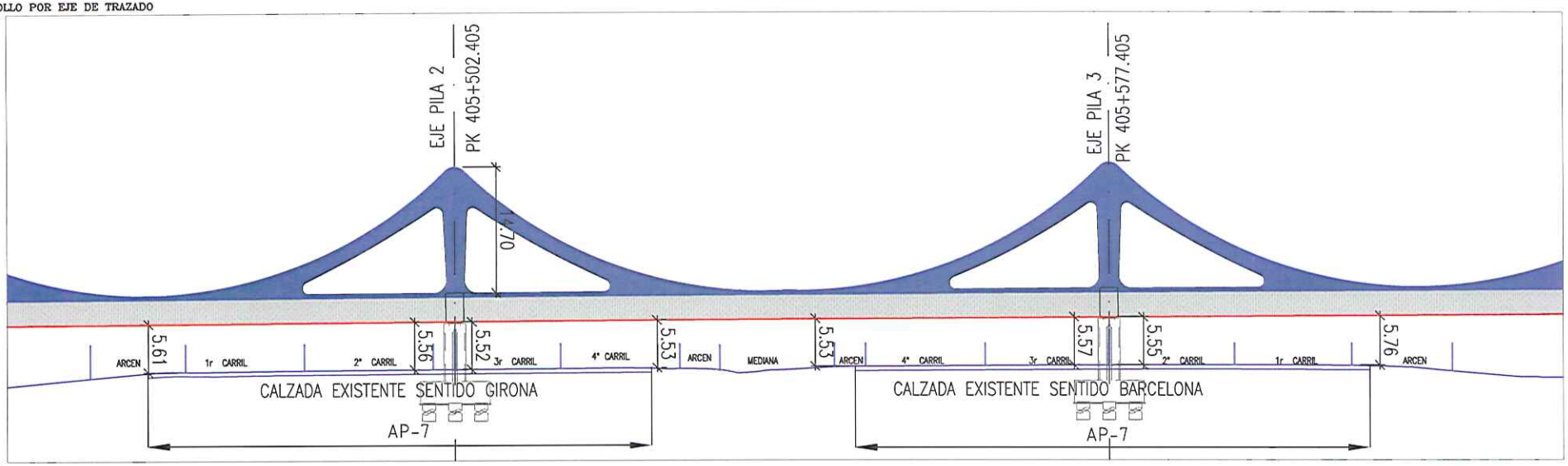
PLANTA
ESCALA 1/750



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.	ESCALA NORMAL 1:500 1:750 Numérica Gráfica 0 12.50 m 0 18.75 m	FECHA DICIEMBRE 2007	TITULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA SITUACIÓN FINAL. 3 CARRILES	Nº DE PLANO 5.1.5.1.1 Hoja 1 de 10

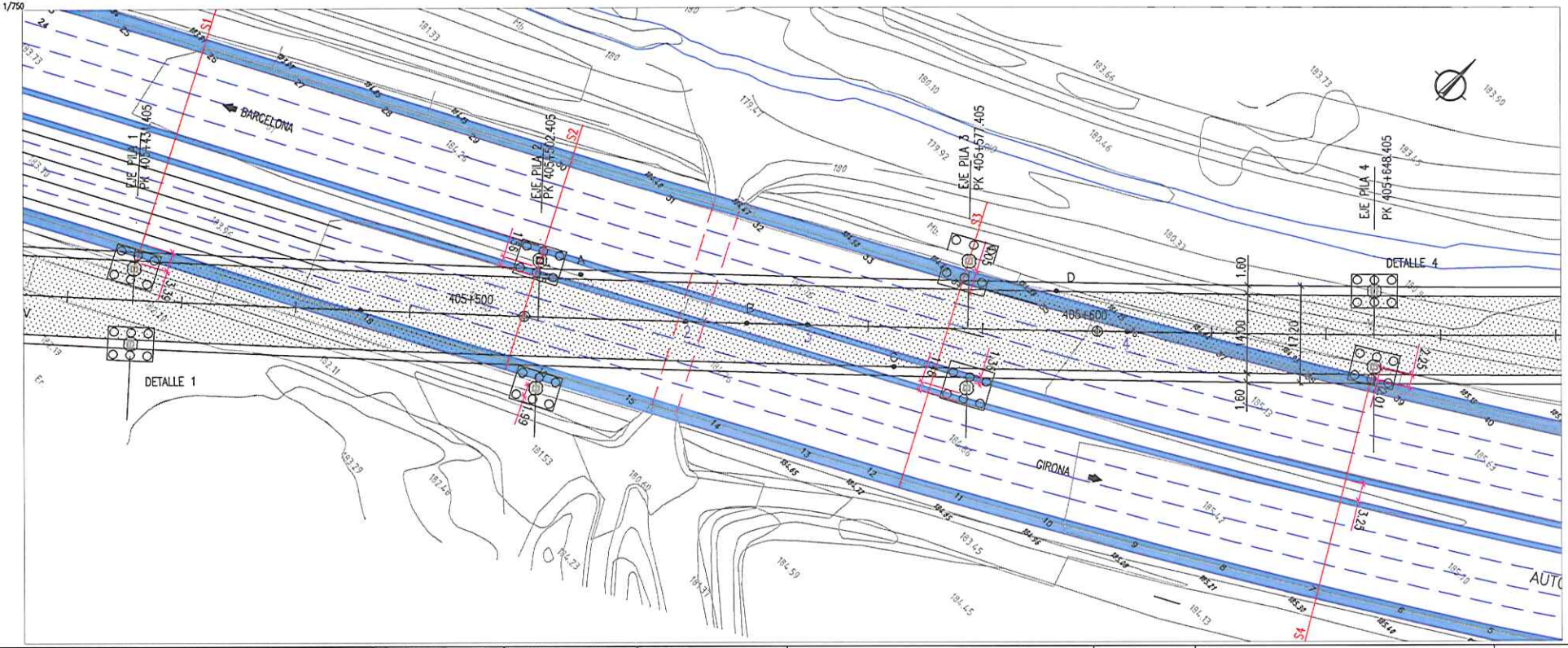
DESARROLLO POR EJE DE TRAZADO

ESCALA 1/500



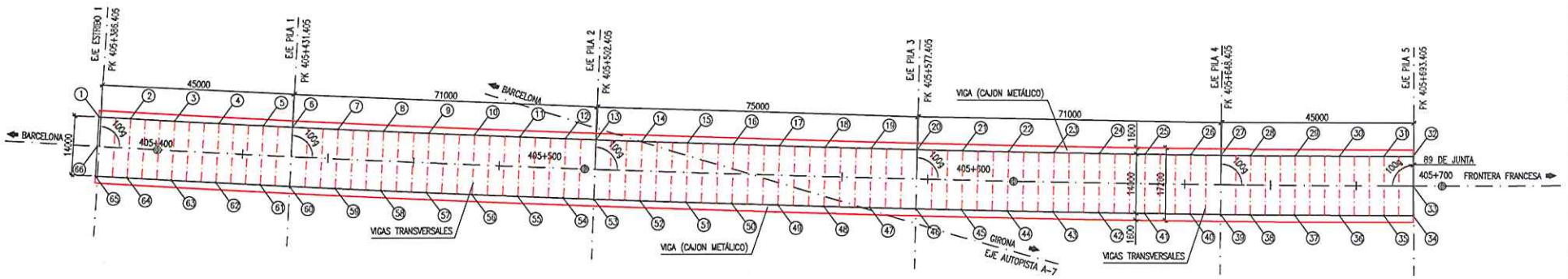
PLANTA

ESCALA 1/750



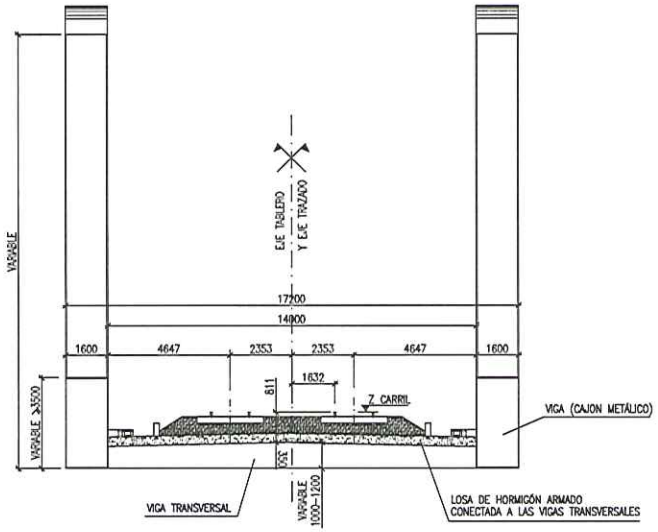
adif	BARCELONA SANTS - FIGUERES LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL s.a.	ESCALA NORMAL 1:500 Numérica 1:750 Gráfica 0 12.50 M 0 18.75 M	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA SITUACIÓN FUTURA. 4 CARRILES	Nº DE PLANO 5.1.5.1.1 Hoja 2 de 10

PLANTA
ESCALA 1/1000

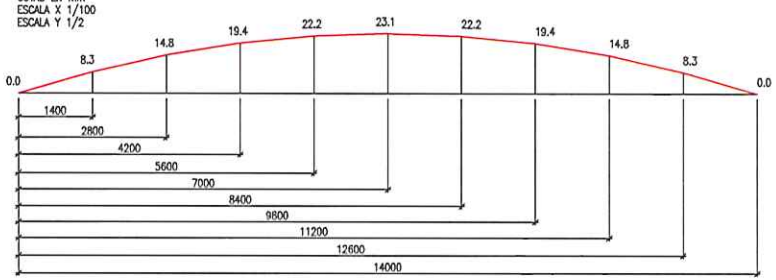


NOTA:
LAS COTAS LONGITUDINALES CORRESPONDEN A UN DESARROLLO POR EL EJE DE TABLERO.

SECCION TABLERO 1
ESCALA 1/200



CONTRAFLECHAS EN VIGAS TRANSVERSALES TIPO
COTAS EN mm
ESCALA X 1/100
ESCALA Y 1/2



CUADRO COORDENADAS		
PUNTO	X	Y
1	450792.196	4609898.288
2	450797.847	4609903.087
3	450805.739	4609909.814
4	450813.617	4609916.558
5	450821.481	4609923.318
6	450826.717	4609927.833
7	450834.758	4609934.793
8	450842.785	4609941.771
9	450850.796	4609948.765
10	450858.794	4609955.776
11	450866.776	4609962.804
12	450874.743	4609969.848
13	450880.047	4609974.554
14	450888.037	4609981.669
15	450896.013	4609988.802
16	450903.973	4609995.951
17	450911.918	4610003.117
18	450919.848	4610010.300
19	450927.763	4610017.500
20	450935.662	4610024.716
21	450943.499	4610031.906
22	450951.320	4610039.112

CUADRO COORDENADAS		
PUNTO	X	Y
23	450959.127	4610046.335
24	450966.918	4610053.574
25	450974.693	4610060.830
26	450982.454	4610068.102
27	450987.619	4610072.959
28	450992.649	4610077.702
29	451000.181	4610084.829
30	451007.699	4610091.972
31	451015.202	4610099.131
32	451020.131	4610103.849
33	451024.976	4610098.796
34	451029.820	4610093.743
35	451024.877	4610089.011
36	451017.353	4610081.833
37	451009.814	4610074.670
38	451002.261	4610067.523
39	450997.217	4610062.767
40	450992.038	4610057.896
41	450984.255	4610050.604
42	450976.458	4610043.328
43	450968.645	4610036.069
44	450960.817	4610028.826

CUADRO COORDENADAS		
PUNTO	X	Y
45	450952.974	4610021.600
46	450945.115	4610014.390
47	450937.194	4610007.153
48	450929.258	4609999.934
49	450921.306	4609992.731
50	450913.339	4609985.545
51	450905.356	4609978.376
52	450897.359	4609971.224
53	450889.346	4609964.089
54	450884.028	4609959.370
55	450876.038	4609952.306
56	450868.034	4609945.258
57	450860.015	4609938.228
58	450851.980	4609931.214
59	450843.931	4609924.218
60	450835.868	4609917.238
61	450830.618	4609912.710
62	450822.732	4609905.932
63	450814.832	4609899.169
64	450806.918	4609892.423
65	450801.253	4609887.611
66	450796.724	4609892.949

adif

PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS

EL DIRECTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JUAN LUIS MONJARÁS TORRES

EL AUTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS):
SERCAL

ESCALA NORMAL
1:1000
Numérica
Gráfica
0
40.00 m
0

FECHA
DICIEMBRE 2007

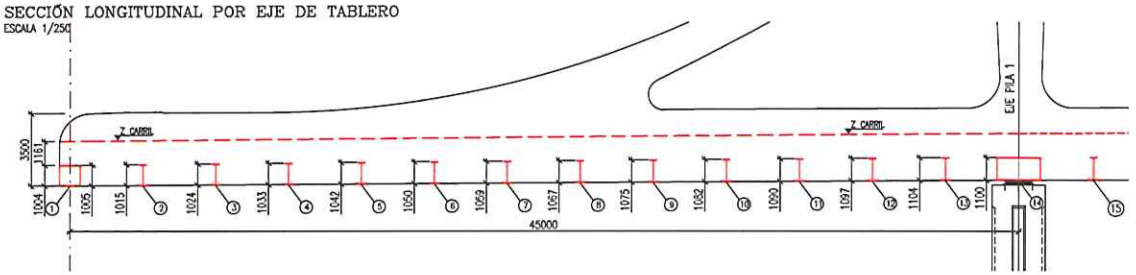
TÍTULO DEL PLANO
VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA
TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (I)

Nº DE PLANO
5.1.5.1.2

Hoja 1 de 34

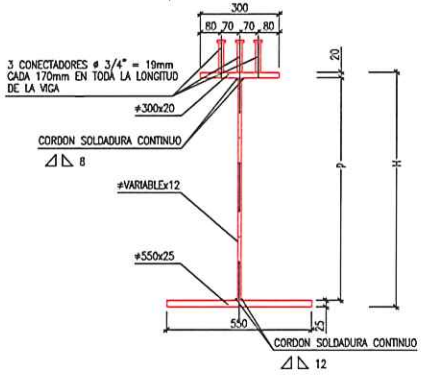
SECCIÓN LONGITUDINAL POR EJE DE TABLERO

ESCALA 1/250



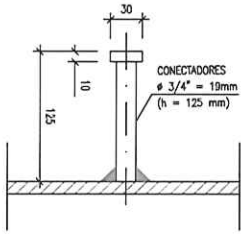
SECCION VIGA TIPO

ESCALA 1/20



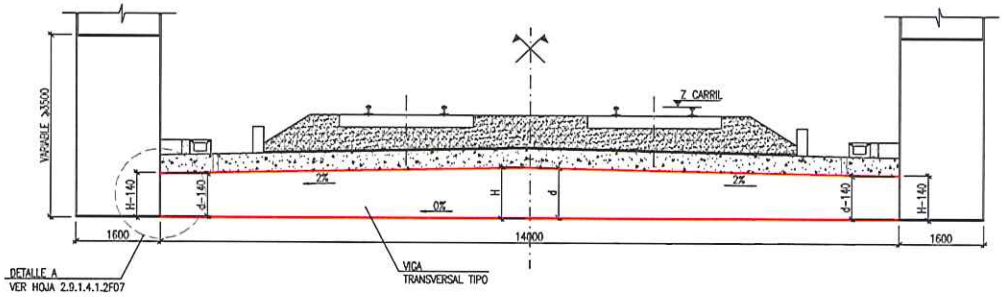
DETALLE CONECTADORES

ESCALA 1/5



SECCION TRANSVERSAL VIGA

ESCALA 1/100

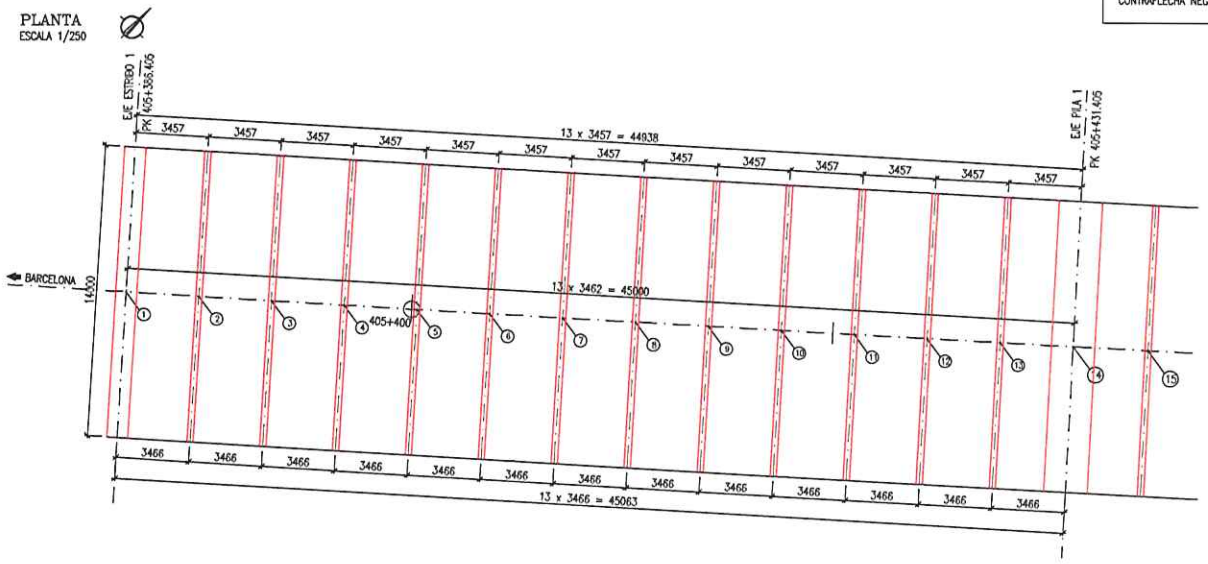


NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
N°VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
1	1005	960	865	820	0	0
2	1015	970	875	830	-7.1	-7.6
3	1024	979	884	839	-10.8	-12.5
4	1033	988	893	848	-12.6	-15.1
5	1042	997	902	857	-13.6	-17
6	1050	1005	910	865	-13.3	-17.5
7	1059	1014	919	874	-12.2	-17
8	1067	1022	927	882	-10.9	-16
9	1075	1030	935	890	-9.8	-15.1
10	1082	1037	942	897	-8.5	-13.8
11	1090	1045	950	1001	-6.6	-11.5
12	1097	1052	957	905	-4.3	-8.7
13	1104	1059	964	919	-2.4	-6.2
14	1111	1066	971	926	0	-5.3

PLANTA

ESCALA 1/250



ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

adif

PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS

EL DIRECTOR DEL PROYECTO CONSTRUIDO:
Fdo.: JUAN LUIS MONJARÁS TORRES

EL AUTOR DEL PROYECTO CONSTRUIDO:
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.

ESCALA NORMAL 1:250 (Numérica)
0 6.25 m 0 (Gráfica)

FECHA: DICIEMBRE 2007

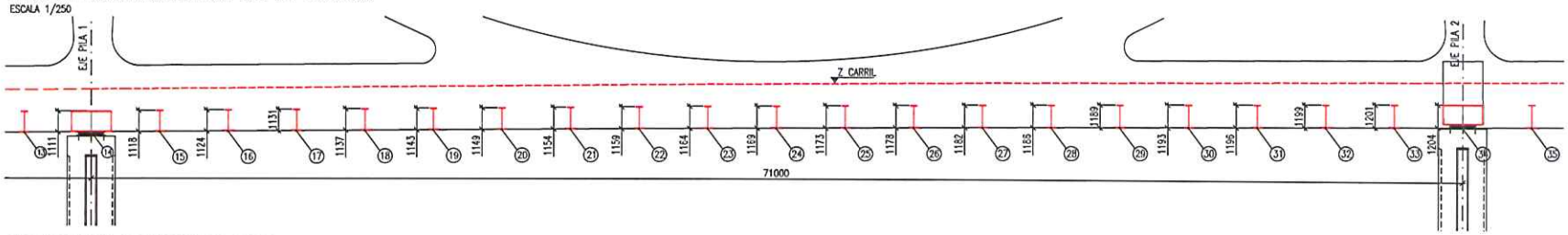
TÍTULO DEL PLANO: VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (II)

Nº DE PLANO: 5.1.5.1.2

Hoja 2 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO

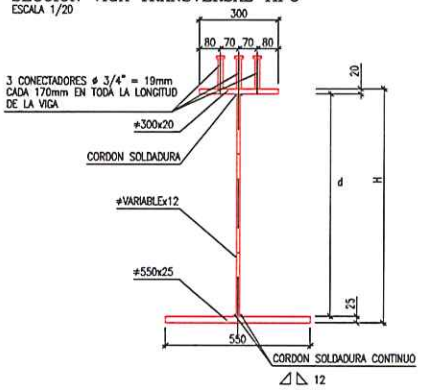
ESCALA 1/250



NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

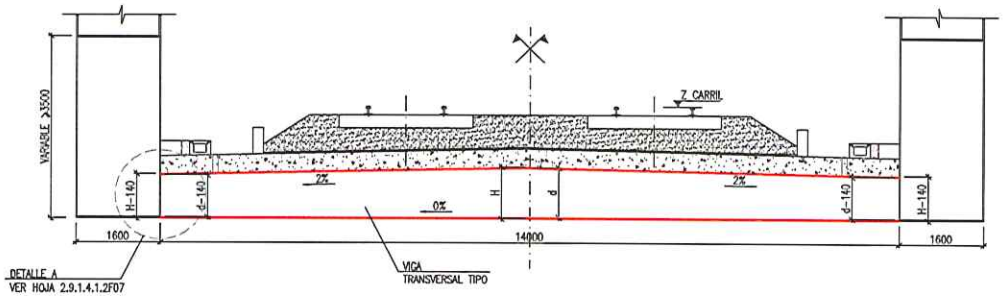
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



SECCION TRANSVERSAL VIGA

ESCALA 1/100



VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
15	1118	1073	978	933	-4.6	-7.4
16	1124	1079	984	939	-8.6	-11
17	1131	1086	991	946	-13.1	-14.9
18	1137	1092	997	952	-17.2	-18.4
19	1143	1098	1003	958	-20.7	-21
20	1149	1104	1009	964	-24	-23.3
21	1154	1109	1014	969	-27.5	-25.5
22	1159	1114	1019	974	-30.8	-27.4
23	1164	1119	1024	979	-33.2	-28.2
24	1169	1124	1029	984	-34.1	-27.5

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
25	1173	1128	1033	988	-33.6	-25.4
26	1178	1133	1038	993	-31.8	-22.2
27	1182	1137	1042	997	-29.4	-18.7
28	1186	1141	1046	1001	-27	-15.3
29	1189	1144	1049	1004	-25.1	-12.7
30	1193	1148	1053	1008	-23.5	-10.5
31	1196	1151	1056	1011	-21.5	-8.2
32	1199	1154	1059	1014	-19.3	-5.9
33	1201	1156	1061	1016	-17.5	-3.9
34	1204	1159	1064	1019	-17	-3.3

ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

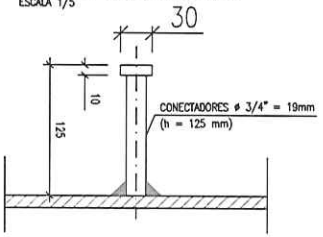
PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

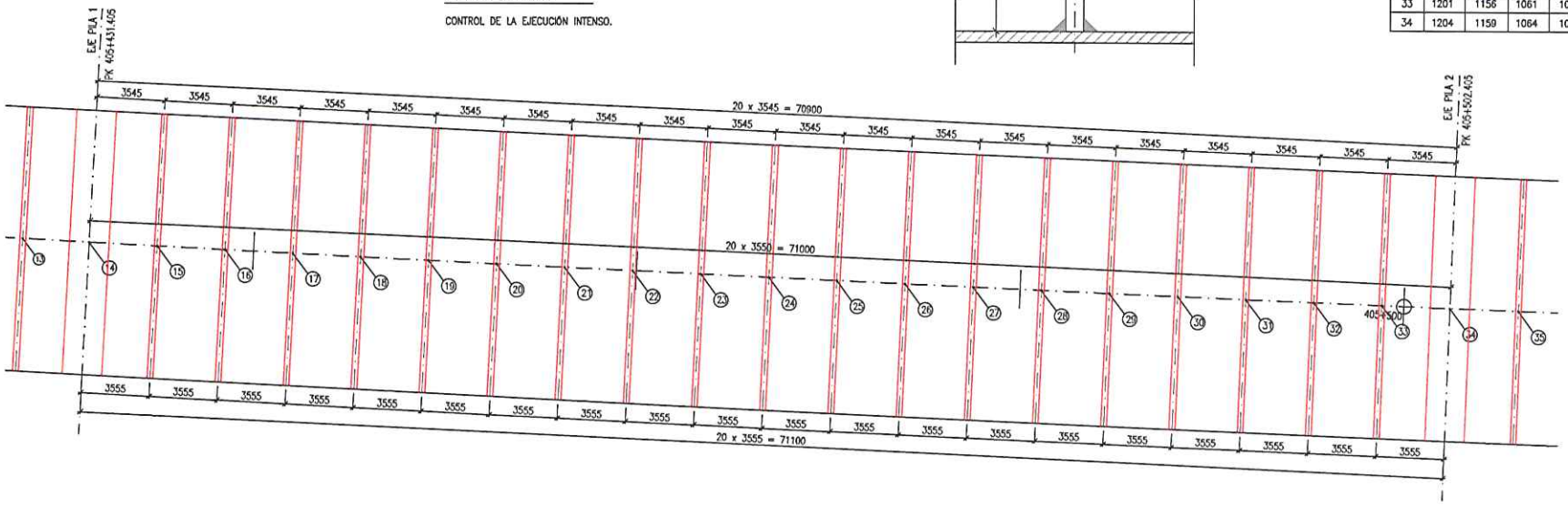
DETALLE CONECTADORES

ESCALA 1/5



PLANTA

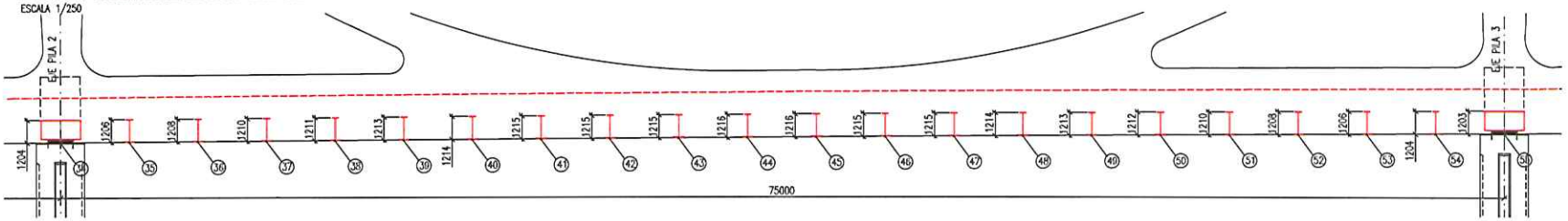
ESCALA 1/250



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO: LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO: Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO: Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (III)	Nº DE PLANO 5.1.5.1.2 Hoja 3 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO

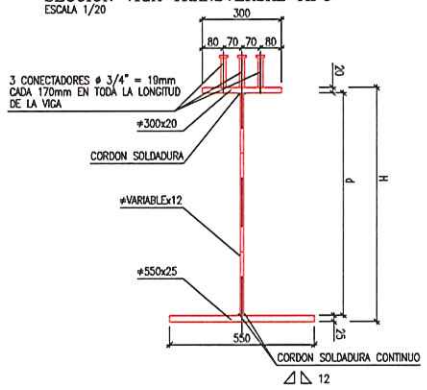
ESCALA 1/250



NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

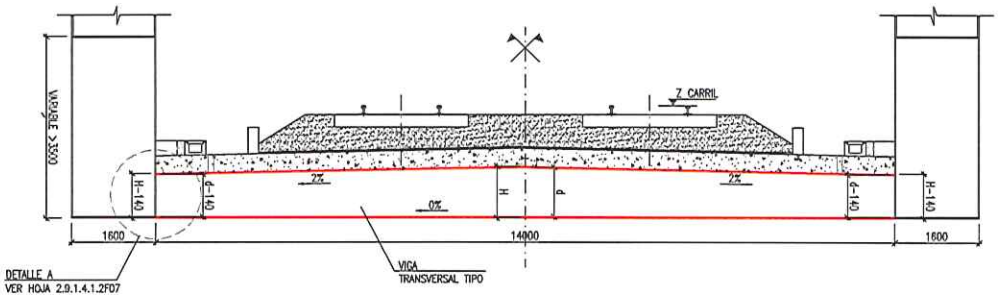
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



SECCION TRANSVERSAL VIGA

ESCALA 1/100



ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

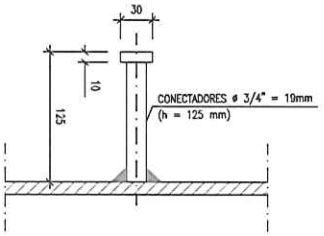
PERNOS CONECTADORES		
LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

DETALLE CONECTADORES

ESCALA 1/5

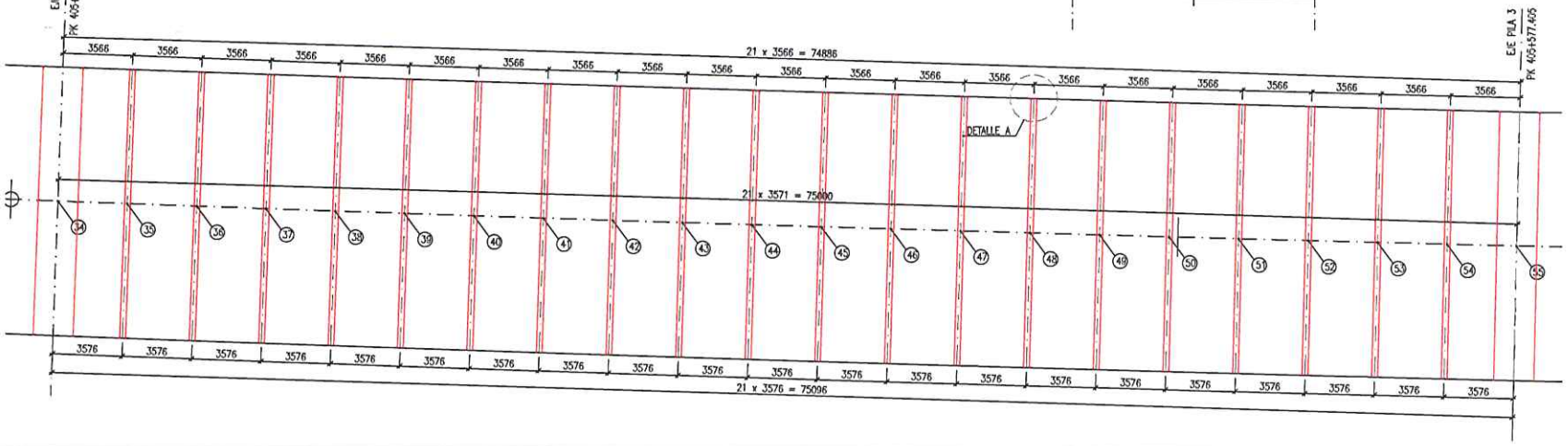


VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
35	1206	1161	1066	1021	-18.6	-4.7
36	1208	1163	1068	1023	-21.5	-7.4
37	1210	1165	1070	1025	-24.8	-10.5
38	1211	1166	1071	1026	-27.8	-13.5
39	1213	1168	1073	1028	-30.3	-16.3
40	1214	1169	1074	1029	-33.1	-19.6
41	1215	1170	1075	1030	-36.3	-23.6
42	1215	1170	1075	1030	-39.4	-27.8
43	1216	1171	1076	1031	-41.7	-31.5
44	1216	1171	1076	1031	-42.5	-34
45	1216	1171	1076	1031	-41.4	-34.9

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
46	1215	1170	1075	1030	-38.5	-34
47	1215	1170	1075	1030	-34.4	-31.8
48	1214	1169	1074	1029	-29.7	-28.8
49	1213	1168	1073	1028	-25.2	-25.8
50	1212	1167	1072	1027	-21.3	-23.3
51	1210	1165	1070	1025	-18	-21.1
52	1209	1164	1069	1024	-14.4	-18.4
53	1207	1162	1067	1022	-10.7	-15.6
54	1204	1159	1064	1019	-7.4	-13
55	1202	1157	1062	1017	-5.5	-11.8

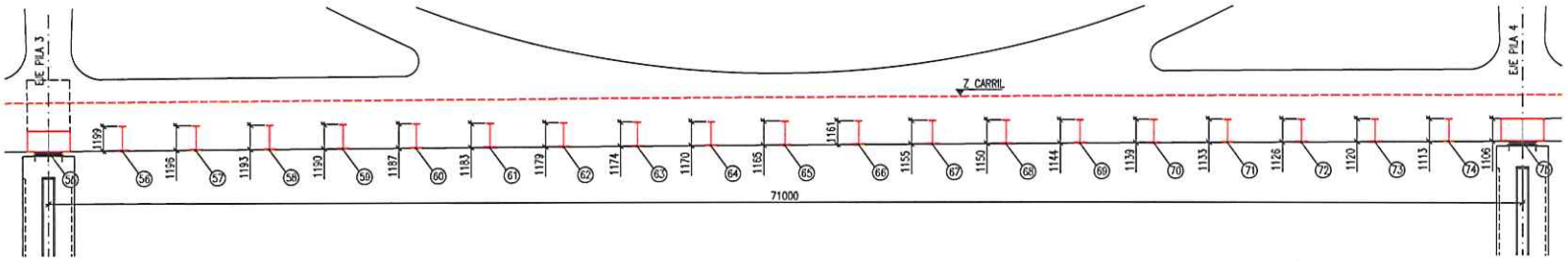
PLANTA

ESCALA 1/250



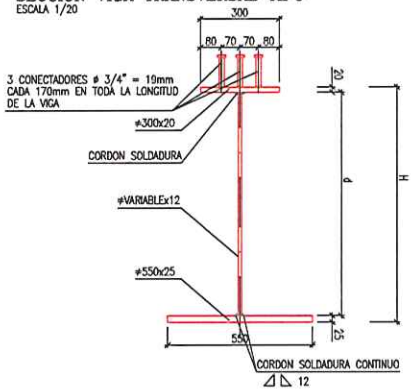
adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (IV)	Nº DE PLANO 5.1.5.1.2 Hoja 4 de 34

SECCIÓN LONGITUDINAL POR EJE DE TABLERO
ESCALA 1/250

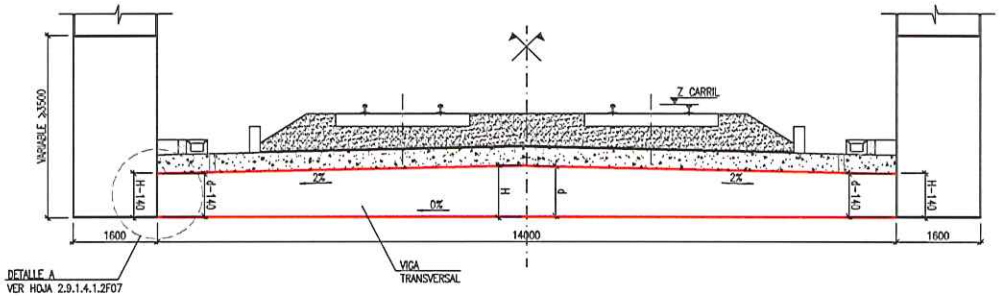


NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

SECCION VIGA TRANSVERSAL TIPO
ESCALA 1/20



SECCION TRANSVERSAL VIGA
ESCALA 1/100



VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
56	1199	1154	1059	1014	-5.7	-12.6
57	1197	1152	1057	1012	-7.1	-14.7
58	1193	1148	1053	1008	-9.1	-17.2
59	1190	1145	1050	1005	-10.9	-19.4
60	1187	1142	1047	1002	-12.6	-21.3
61	1183	1138	1043	998	-14.9	-23.6
62	1179	1134	1039	994	-17.9	-26.3
63	1175	1130	1035	990	-21.1	-29.1
64	1170	1125	1030	985	-23.9	-31.2
65	1165	1120	1025	980	-25.7	-32.2

VIGAS TRANSVERSALES						
					CONTRAFLECHA EN VIGA LONG.	
Nº VIGA	H	d	H-140	d-140	LADO DERECHO	LADO IZQUIERDO
66	1161	1116	1021	976	-26	-31.6
67	1155	1110	1015	970	-24.9	-29.6
68	1150	1105	1010	965	-22.8	-26.6
69	1144	1099	1004	959	-20.3	-23.3
70	1139	1094	999	954	-17.8	-20.2
71	1133	1088	993	948	-15.1	-16.9
72	1126	1081	986	941	-11.6	-12.9
73	1120	1075	980	935	-7.6	-8.5
74	1113	1068	973	928	-3.9	-4.6
75	1106	1061	966	921	0	0

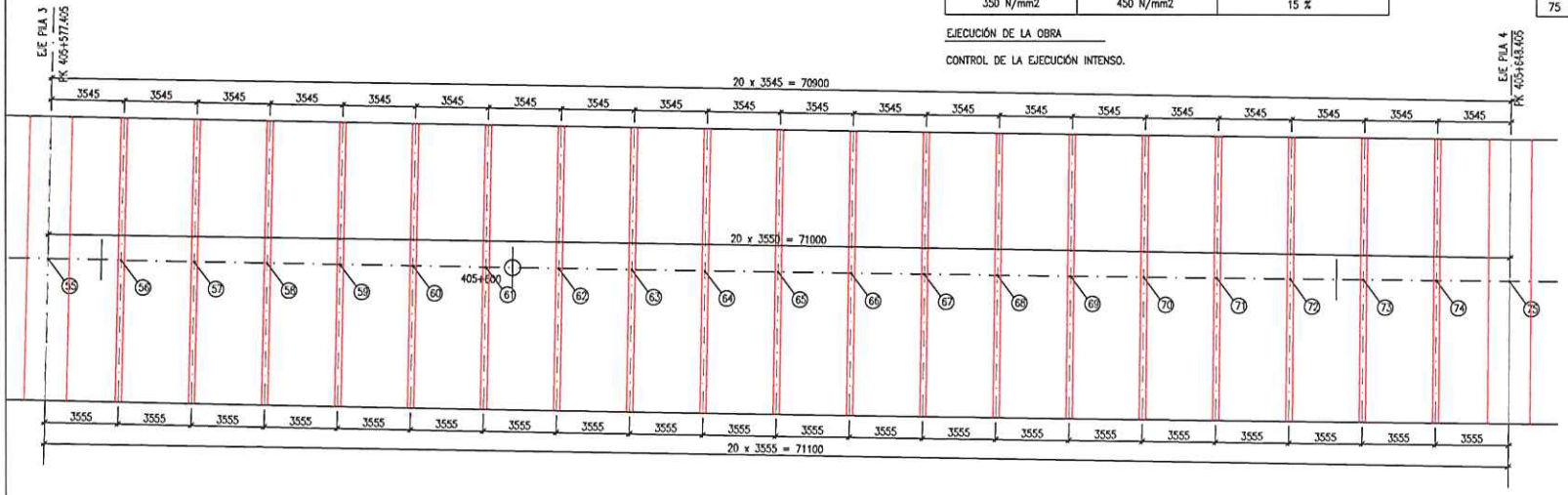
ACEROS DE ELEMENTOS METÁLICOS			
ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES		
LIMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

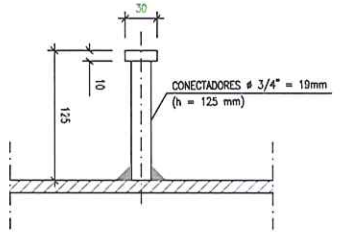
EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

PLANTA
ESCALA 1/250



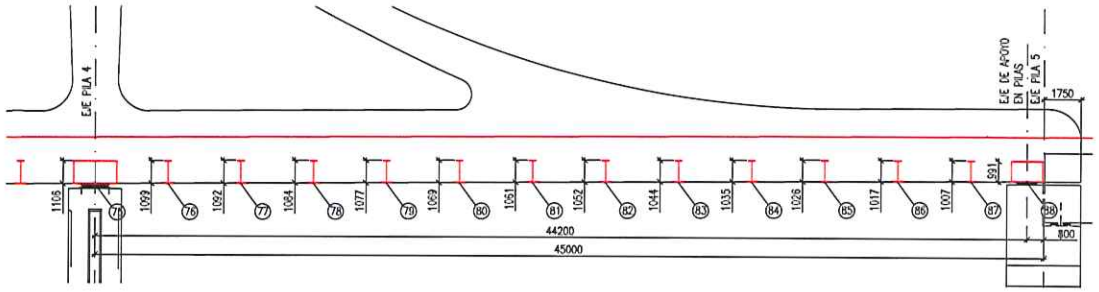
DETALLE CONECTADORES
ESCALA 1/5



adif	PROYECTO CONSTRUIDO DE PLATAFORMA TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA TRAMO: BARCELONA SANTS - FIGUERES SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS	EL DIRECTOR DEL PROYECTO CONSTRUIDO : Fdo.: JUAN LUIS MONJARÁS TORRES	EL AUTOR DEL PROYECTO CONSTRUIDO : Fdo.: JOSE LUIS HERVÍAS SAIZ	CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS): SERCAL S.A.	ESCALA NORMAL 1:250 Numérica Gráfica 0 6.25 m 0	FECHA DICIEMBRE 2007	TÍTULO DEL PLANO VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (V)	Nº DE PLANO 5.1.5.1.2 Hoja 5 de 34

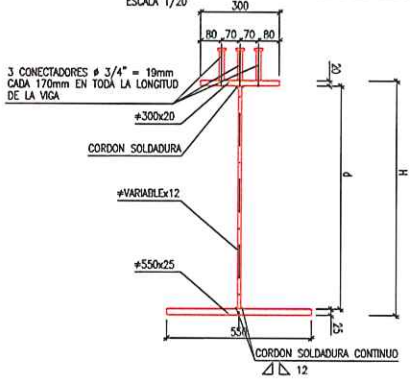
SECCIÓN LONGITUDINAL POR EJE DE TABLERO

ESCALA 1/250



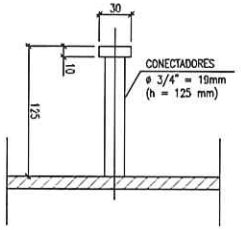
SECCION VIGA TRANSVERSAL TIPO

ESCALA 1/20



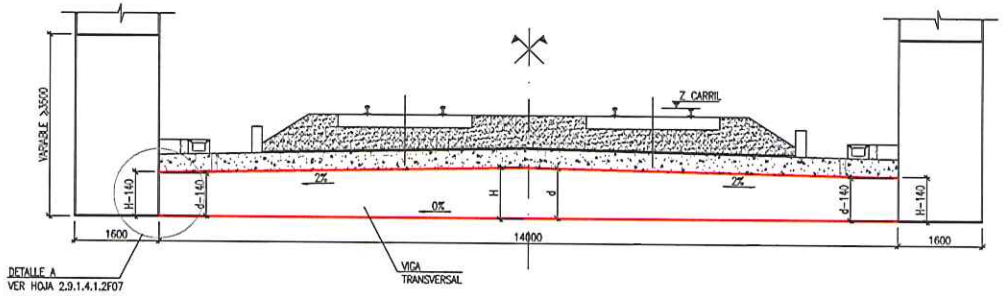
DETALLE CONECTADORES

ESCALA 1/5



SECCION TRANSVERSAL VIGA

ESCALA 1/100



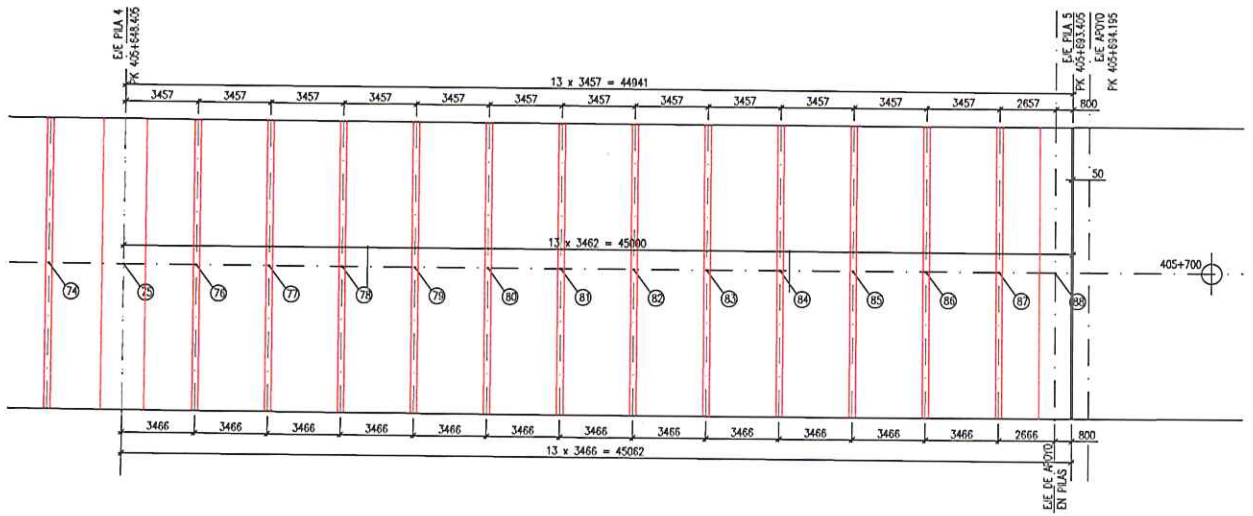
NOTA:
VALORES DE LA CONTRAFLECHA EN mm
CONTRAFLECHA NEGATIVA ASCENDENTE

VIGAS TRANSVERSALES

Nº VIGA	H	d	H-140	d-140	CONTRAFLECHA EN VIGA LONG. LADO DERECHO	CONTRAFLECHA EN VIGA LONG. LADO IZQUIERDO
76	1099	1054	959	914	−2.5	−2.2
77	1092	1047	952	907	−4.8	−3.8
78	1084	1039	944	899	−7.4	−5.8
79	1077	1032	937	892	−9.6	−7.5
80	1069	1024	929	884	−10.9	−8.5
81	1061	1016	921	876	−12	−9.4
82	1052	1007	912	867	−13.2	−10.6
83	1044	999	904	859	−14.1	−11.6
84	1035	990	895	755	−14	−11.8
85	1026	981	886	746	−12.5	−10.9
86	1017	972	877	737	−9.5	−8.6
87	1007	962	867	727	−5.3	−5.2
88	991	946	851	711	0	0

PLANTA

ESCALA 1/250



ACEROS DE ELEMENTOS METÁLICOS

ELEMENTO	TIPO	CONTROL	γs
PLACAS, CHAPAS Y PERFILES	S 355 J2G3	SEGÚN ARTICULOS 11.2.2 I 11.2.3 RPX-95	1.10

PERNOS CONECTADORES

LÍMITE ELÁSTICO MÍNIMO	TENSIÓN MÍNIMA DE ROTURA	ALARGAMIENTO MÍNIMO EN ROTURA
350 N/mm2	450 N/mm2	15 %

EJECUCIÓN DE LA OBRA

CONTROL DE LA EJECUCIÓN INTENSO.

adif

PROYECTO CONSTRUIDO DE PLATAFORMA
TITULO: L.A.V. MADRID-ZARAGOZA-BARCELONA-FRONTERA FRANCESA
TRAMO: BARCELONA SANTS - FIGUERES
SUBTRAMO : LA ROCA DEL VALLÉS - LLINARS DEL VALLÉS

EL DIRECTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JUAN LUIS MONJARÁS TORRES

EL AUTOR DEL PROYECTO CONSTRUIDO :
Fdo.: JOSE LUIS HERVÍAS SAIZ

CONSULTOR (ASISTENCIA AL CONTROL DE OBRAS):
SERCAL

ESCALA NORMAL
1:250
Numérica
Gráfica
0 6.25 m

FECHA
DICIEMBRE 2007

TÍTULO DEL PLANO
VIADUCTO SOBRE LA AP-7. TRAMO SECCIÓN MIXTA TABLERO. DEFINICIÓN GEOMÉTRICA EN PLANTA (VI)

Nº DE PLANO
5.1.5.1.2

Hoja 6 de 34

II.- CÁLCULOS DE LA PRUEBA DE CARGA

Índice

1.- Memoria
2- Modelo
3- Coordenadas de los nudos
4- Definición de las barras
5- Sección de las barras
6- Cargas
7- Desplazamiento de los nudos
8- Solicitaciones en las barras
9- Análisis dinámico

1- MEMORIA

1.- MEMORIA

En este capítulo se calcula la estructura del viaducto sobre la AP-7 para conocer de antemano y teóricamente los desplazamientos verticales que provocarán las cargas estáticas de la prueba y las características dinámicas de la estructura.

Para ello se han realizado los siguientes dos modelos:

a.- modelo de la estructura en el espacio tridimensional utilizando el programe de cálculo TRICALC para el cálculo de las deformaciones estáticas

b.- modelo de la estructura en el espacio tridimensional utilizando el programe de cálculo STAAD para el análisis del comportamiento ante carga dinámica

Las cargas consideradas son:

1.- Cargas permanentes (Hipótesis [0])

2.- Cargas móviles de acuerdo con la IAPF-08 (Hipótesis [1])

3.- Cargas de la prueba del ESTADO 1 (Hipótesis [11])

4.- Cargas de la prueba del ESTADO 2 (Hipótesis [12])

5.- Cargas de la prueba del ESTADO 3 (Hipótesis [13])

6.- Cargas de la prueba del ESTADO 4 (Hipótesis [14])

7.- Cargas de la prueba del ESTADO 5 (Hipótesis [15])

8.- Cargas de la prueba del ESTADO 6 (Hipótesis [16])

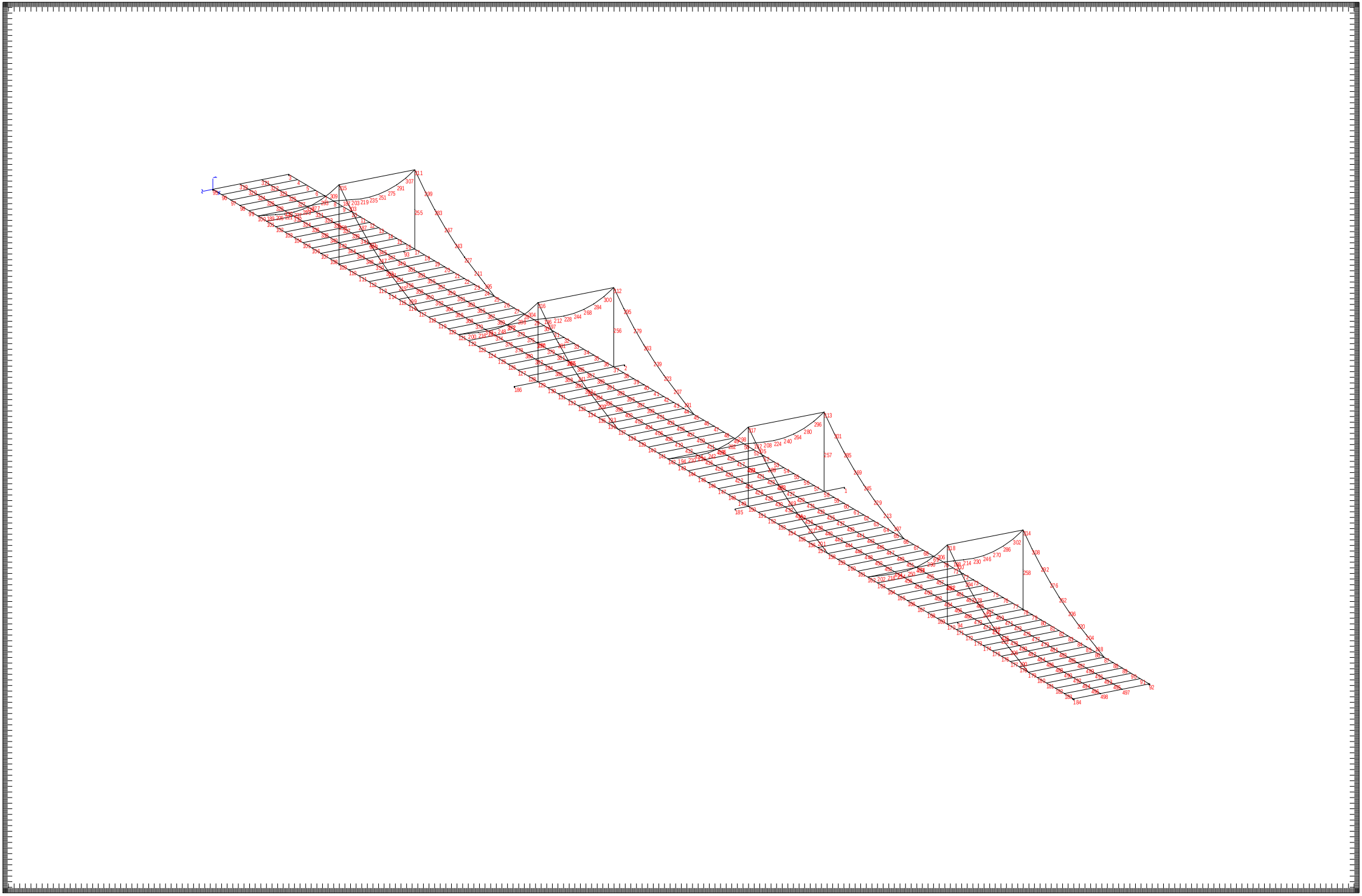
9.- Cargas de la prueba del ESTADO 7 (Hipótesis [17])

Los detalles del cálculo se pueden ver en los siguientes apartados.

2.- MODELO

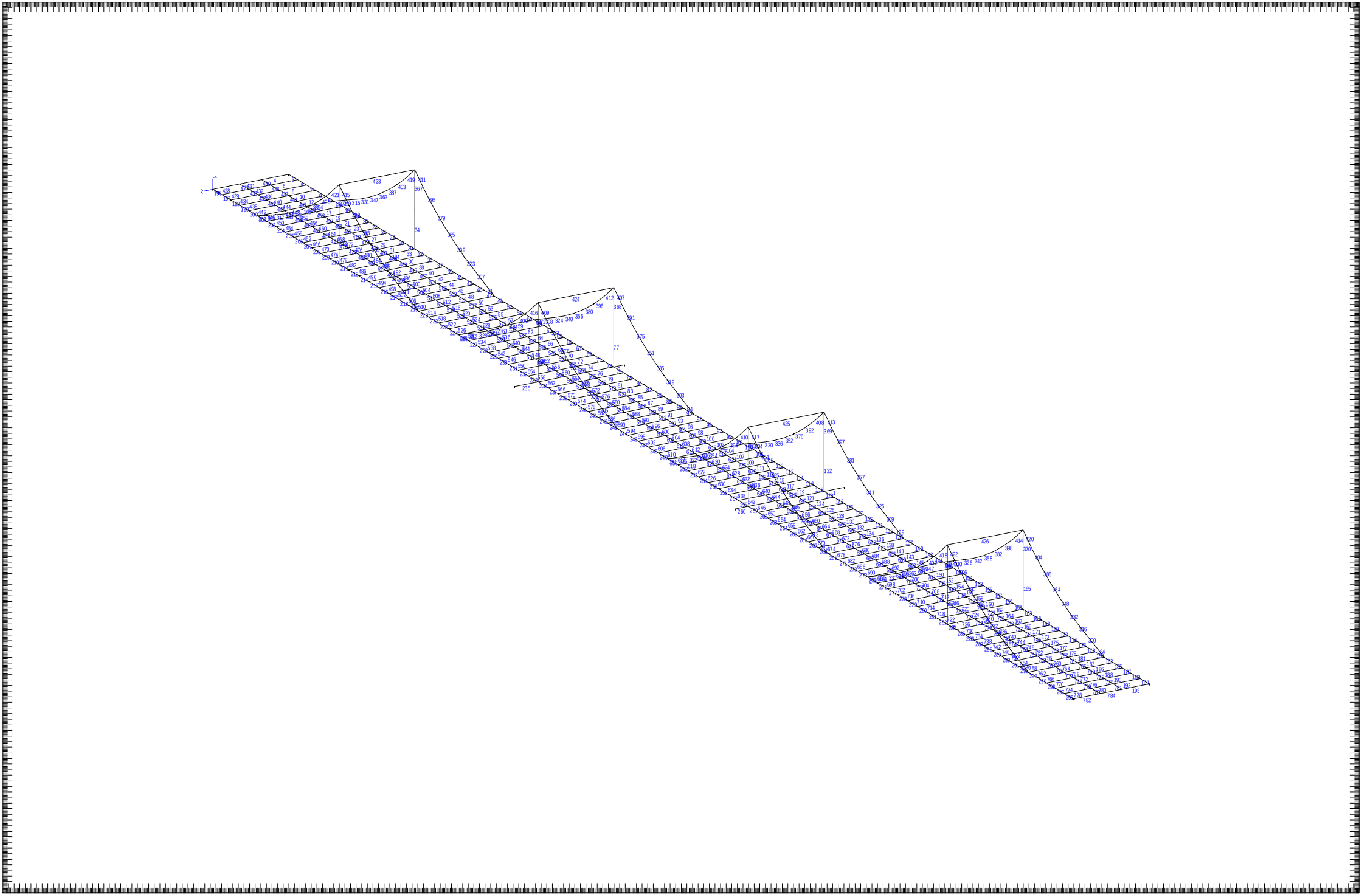
Gráfica: NUMERACIÓN DE NUDOS

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de carga (puente_d)



Gráfica: NUMERACIÓN DE BARRAS

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de carga (puente_d)



3.- COORDENADAS DE LOS NUDOS

LISTADO DE GEOMETRIA

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

NUDOS

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
1	19100.00	0.00	-1980.00	_y____
2	11600.00	0.00	-1780.00	_y____
3	0.00	0.00	-1560.00	_y____
4	321.00	0.00	-1560.00	_____
5	643.00	0.00	-1560.00	_____
6	964.00	0.00	-1560.00	_____
7	1286.00	0.00	-1560.00	_____
8	1607.00	0.00	-1560.00	_____
9	1929.00	0.00	-1560.00	_____
10	2250.00	0.00	-1560.00	_____
11	2571.00	0.00	-1560.00	_____
12	2893.00	0.00	-1560.00	_____
13	3214.00	0.00	-1560.00	_____
14	3536.00	0.00	-1560.00	_____
15	3857.00	0.00	-1560.00	_____
16	4179.00	0.00	-1560.00	_____
17	4500.00	0.00	-1560.00	_____
18	4855.00	0.00	-1560.00	_____
19	5210.00	0.00	-1560.00	_____
20	5565.00	0.00	-1560.00	_____
21	5920.00	0.00	-1560.00	_____
22	6275.00	0.00	-1560.00	_____
23	6630.00	0.00	-1560.00	_____
24	6985.00	0.00	-1560.00	_____
25	7340.00	0.00	-1560.00	_____
26	7695.00	0.00	-1560.00	_____
27	8050.00	0.00	-1560.00	_____
28	8405.00	0.00	-1560.00	_____
29	8760.00	0.00	-1560.00	_____
30	9115.00	0.00	-1560.00	_____
31	9470.00	0.00	-1560.00	_____
32	9825.00	0.00	-1560.00	_____
33	10180.00	0.00	-1560.00	_____
34	10535.00	0.00	-1560.00	_____
35	10890.00	0.00	-1560.00	_____
36	11245.00	0.00	-1560.00	_____
37	11600.00	0.00	-1560.00	_____
38	11957.00	0.00	-1560.00	_____
39	12314.00	0.00	-1560.00	_____
40	12671.00	0.00	-1560.00	_____
41	13029.00	0.00	-1560.00	_____
42	13386.00	0.00	-1560.00	_____
43	13743.00	0.00	-1560.00	_____
44	14100.00	0.00	-1560.00	_____
45	14457.00	0.00	-1560.00	_____
46	14814.00	0.00	-1560.00	_____
47	15171.00	0.00	-1560.00	_____
48	15529.00	0.00	-1560.00	_____
49	15886.00	0.00	-1560.00	_____
50	16243.00	0.00	-1560.00	_____
51	16600.00	0.00	-1560.00	_____
52	16957.00	0.00	-1560.00	_____
53	17314.00	0.00	-1560.00	_____
54	17671.00	0.00	-1560.00	_____
55	18029.00	0.00	-1560.00	_____
56	18386.00	0.00	-1560.00	_____
57	18743.00	0.00	-1560.00	_____
58	19100.00	0.00	-1560.00	_____
59	19455.00	0.00	-1560.00	_____
60	19810.00	0.00	-1560.00	_____
61	20165.00	0.00	-1560.00	_____
62	20520.00	0.00	-1560.00	_____
63	20875.00	0.00	-1560.00	_____
64	21230.00	0.00	-1560.00	_____
65	21585.00	0.00	-1560.00	_____
66	21940.00	0.00	-1560.00	_____
67	22295.00	0.00	-1560.00	_____
68	22650.00	0.00	-1560.00	_____
69	23005.00	0.00	-1560.00	_____
70	23360.00	0.00	-1560.00	_____
71	23715.00	0.00	-1560.00	_____
72	24070.00	0.00	-1560.00	_____
73	24425.00	0.00	-1560.00	_____
74	24780.00	0.00	-1560.00	_____
75	25135.00	0.00	-1560.00	_____
76	25490.00	0.00	-1560.00	_____
77	25845.00	0.00	-1560.00	_____
78	26200.00	0.00	-1560.00	_y____
79	26521.00	0.00	-1560.00	_____
80	26843.00	0.00	-1560.00	_____
81	27164.00	0.00	-1560.00	_____
82	27486.00	0.00	-1560.00	_____
83	27807.00	0.00	-1560.00	_____
84	28129.00	0.00	-1560.00	_____
85	28450.00	0.00	-1560.00	_____
86	28771.00	0.00	-1560.00	_____

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
87	29093.00	0.00	-1560.00	_____
88	29414.00	0.00	-1560.00	_____
89	29736.00	0.00	-1560.00	_____
90	30057.00	0.00	-1560.00	_____
91	30379.00	0.00	-1560.00	_____
92	30700.00	0.00	-1560.00	xyz___
93	4500.00	0.00	-1340.00	_y____
94	26200.00	0.00	-216.00	_y____
95	0.00	0.00	0.00	_y____
96	321.00	0.00	0.00	_____
97	643.00	0.00	0.00	_____
98	964.00	0.00	0.00	_____
99	1286.00	0.00	0.00	_____
100	1607.00	0.00	0.00	_____
101	1929.00	0.00	0.00	_____
102	2250.00	0.00	0.00	_____
103	2571.00	0.00	0.00	_____
104	2893.00	0.00	0.00	_____
105	3214.00	0.00	0.00	_____
106	3536.00	0.00	0.00	_____
107	3857.00	0.00	0.00	_____
108	4179.00	0.00	0.00	_____
109	4500.00	0.00	0.00	_y____
110	4855.00	0.00	0.00	_____
111	5210.00	0.00	0.00	_____
112	5565.00	0.00	0.00	_____
113	5920.00	0.00	0.00	_____
114	6275.00	0.00	0.00	_____
115	6630.00	0.00	0.00	_____
116	6985.00	0.00	0.00	_____
117	7340.00	0.00	0.00	_____
118	7695.00	0.00	0.00	_____
119	8050.00	0.00	0.00	_____
120	8405.00	0.00	0.00	_____
121	8760.00	0.00	0.00	_____
122	9115.00	0.00	0.00	_____
123	9470.00	0.00	0.00	_____
124	9825.00	0.00	0.00	_____
125	10180.00	0.00	0.00	_____
126	10535.00	0.00	0.00	_____
127	10890.00	0.00	0.00	_____
128	11245.00	0.00	0.00	_____
129	11600.00	0.00	0.00	_____
130	11957.00	0.00	0.00	_____
131	12314.00	0.00	0.00	_____
132	12671.00	0.00	0.00	_____
133	13029.00	0.00	0.00	_____
134	13386.00	0.00	0.00	_____
135	13743.00	0.00	0.00	_____
136	14100.00	0.00	0.00	_____
137	14457.00	0.00	0.00	_____
138	14814.00	0.00	0.00	_____
139	15171.00	0.00	0.00	_____
140	15529.00	0.00	0.00	_____
141	15886.00	0.00	0.00	_____
142	16243.00	0.00	0.00	_____
143	16600.00	0.00	0.00	_____
144	16957.00	0.00	0.00	_____
145	17314.00	0.00	0.00	_____
146	17671.00	0.00	0.00	_____
147	18029.00	0.00	0.00	_____
148	18386.00	0.00	0.00	_____
149	18743.00	0.00	0.00	_____
150	19100.00	0.00	0.00	_____
151	19455.00	0.00	0.00	_____
152	19810.00	0.00	0.00	_____
153	20165.00	0.00	0.00	_____
154	20520.00	0.00	0.00	_____
155	20875.00	0.00	0.00	_____
156	21230.00	0.00	0.00	_____
157	21585.00	0.00	0.00	_____
158	21940.00	0.00	0.00	_____
159	22295.00	0.00	0.00	_____
160	22650.00	0.00	0.00	_____
161	23005.00	0.00	0.00	_____
162	23360.00	0.00	0.00	_____
163	23715.00	0.00	0.00	_____
164	24070.00	0.00	0.00	_____
165	24425.00	0.00	0.00	_____
166	24780.00	0.00	0.00	_____
167	25135.00	0.00	0.00	_____
168	25490.00	0.00	0.00	_____
169	25845.00	0.00	0.00	_____
170	26200.00	0.00	0.00	_____
171	26521.00	0.00	0.00	_____
172	26843.00	0.00	0.00	_____
173	27164.00	0.00	0.00	_____
174	27486.00	0.00	0.00	_____
175	27807.00	0.00	0.00	_____
176	28129.00	0.00	0.00	_____
177	28450.00	0.00	0.00	_____
178	28771.00	0.00	0.00	_____
179	29093.00	0.00	0.00	_____

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
180	29414.00	0.00	0.00	_____
181	29736.00	0.00	0.00	_____
182	30057.00	0.00	0.00	_____
183	30379.00	0.00	0.00	_____
184	30700.00	0.00	0.00	xyz___
185	19100.00	0.00	270.00	_y____
186	11600.00	0.00	487.00	_y____
187	1929.00	115.00	-1560.00	_____
188	28771.00	115.00	-1560.00	_____
189	1929.00	115.00	0.00	_____
190	28771.00	115.00	0.00	_____
191	14100.00	129.00	-1560.00	_____
192	16600.00	129.00	-1560.00	_____
193	14100.00	129.00	0.00	_____
194	16600.00	129.00	0.00	_____
195	6985.00	134.00	-1560.00	_____
196	9115.00	134.00	-1560.00	_____
197	21585.00	134.00	-1560.00	_____
198	23715.00	134.00	-1560.00	_____
199	6985.00	134.00	0.00	_____
200	9115.00	134.00	0.00	_____
201	21585.00	134.00	0.00	_____
202	23715.00	134.00	0.00	_____
203	2250.00	229.00	-1560.00	_____
204	28450.00	229.00	-1560.00	_____
205	2250.00	229.00	0.00	_____
206	28450.00	229.00	0.00	_____
207	13743.00	263.00	-1560.00	_____
208	16957.00	263.00	-1560.00	_____
209	13743.00	263.00	0.00	_____
210	16957.00	263.00	0.00	_____
211	6630.00	268.00	-1560.00	_____
212	9470.00	268.00	-1560.00	_____
213	21230.00	268.00	-1560.00	_____
214	24070.00	268.00	-1560.00	_____
215	6630.00	268.00	0.00	_____
216	9470.00	268.00	0.00	_____
217	21230.00	268.00	0.00	_____
218	24070.00	268.00	0.00	_____
219	2571.00	344.00	-1560.00	_____
220	28129.00	344.00	-1560.00	_____
221	2571.00	344.00	0.00	_____
222	28129.00	344.00	0.00	_____
223	13386.00	402.00	-1560.00	_____
224	17314.00	402.00	-1560.00	_____
225	13386.00	402.00	0.00	_____
226	17314.00	402.00	0.00	_____
227	6275.00	407.00	-1560.00	_____
228	9825.00	407.00	-1560.00	_____
229	20875.00	407.00	-1560.00	_____
230	24425.00	407.00	-1560.00	_____
231	6275.00	407.00	0.00	_____
232	9825.00	407.00	0.00	_____
233	20875.00	407.00	0.00	_____
234	24425.00	407.00	0.00	_____
235	2893.00	480.00	-1560.00	_____
236	27807.00	480.00	-1560.00	_____
237	2893.00	480.00	0.00	_____
238	27807.00	480.00	0.00	_____
239	13029.00	565.00	-1560.00	_____
240	17671.00	565.00	-1560.00	_____
241	13029.00	565.00	0.00	_____
242	17671.00	565.00	0.00	_____
243	5920.00	569.00	-1560.00	_____
244	10180.00	569.00	-1560.00	_____
245	20520.00	569.00	-1560.00	_____
246	24780.00	569.00	-1560.00	_____
247	5920.00	569.00	0.00	_____
248	10180.00	569.00	0.00	_____
249	20520.00	569.00	0.00	_____
250	24780.00	569.00	0.00	_____
251	3214.00	637.00	-1560.00	_____
252	27486.00	637.00	-1560.00	_____
253	3214.00	637.00	0.00	_____
254	27486.00	637.00	0.00	_____
255	4500.00	753.00	-1560.00	_____
256	11600.00	753.00	-1560.00	_____
257	19100.00	753.00	-1560.00	_____
258	26200.00	753.00	-1560.00	_____
259	4500.00	753.00	0.00	_____
260	11600.00	753.00	0.00	_____
261	19100.00	753.00	0.00	_____
262	26200.00	753.00	0.00	_____
263	12671.00	754.00	-1560.00	_____
264	18029.00	754.00	-1560.00	_____
265	12671.00	754.00	0.00	_____
266	18029.00	754.00	0.00	_____
267	5565.00	757.00	-1560.00	_____
268	10535.00	757.00	-1560.00	_____
269	20165.00	757.00	-1560.00	_____
270	25135.00	757.00	-1560.00	_____
271	5565.00	757.00	0.00	_____

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
272	10535.00	757.00	0.00	_____
273	20165.00	757.00	0.00	_____
274	25135.00	757.00	0.00	_____
275	3536.00	816.00	-1560.00	_____
276	27164.00	816.00	-1560.00	_____
277	3536.00	816.00	0.00	_____
278	27164.00	816.00	0.00	_____
279	12314.00	971.00	-1560.00	_____
280	18386.00	971.00	-1560.00	_____
281	12314.00	971.00	0.00	_____
282	18386.00	971.00	0.00	_____
283	5210.00	974.00	-1560.00	_____
284	10890.00	974.00	-1560.00	_____
285	19810.00	974.00	-1560.00	_____
286	25490.00	974.00	-1560.00	_____
287	5210.00	974.00	0.00	_____
288	10890.00	974.00	0.00	_____
289	19810.00	974.00	0.00	_____
290	25490.00	974.00	0.00	_____
291	3857.00	1018.00	-1560.00	_____
292	26843.00	1018.00	-1560.00	_____
293	3857.00	1018.00	0.00	_____
294	26843.00	1018.00	0.00	_____
295	11957.00	1220.00	-1560.00	_____
296	18743.00	1220.00	-1560.00	_____
297	11957.00	1220.00	0.00	_____
298	18743.00	1220.00	0.00	_____
299	4855.00	1222.00	-1560.00	_____
300	11245.00	1222.00	-1560.00	_____
301	19455.00	1222.00	-1560.00	_____
302	25845.00	1222.00	-1560.00	_____
303	4855.00	1222.00	0.00	_____
304	11245.00	1222.00	0.00	_____
305	19455.00	1222.00	0.00	_____
306	25845.00	1222.00	0.00	_____
307	4179.00	1247.00	-1560.00	_____
308	26521.00	1247.00	-1560.00	_____
309	4179.00	1247.00	0.00	_____
310	26521.00	1247.00	0.00	_____
311	4500.00	1506.00	-1560.00	_____
312	11600.00	1506.00	-1560.00	_____
313	19100.00	1506.00	-1560.00	_____
314	26200.00	1506.00	-1560.00	_____
315	4500.00	1506.00	0.00	_____
316	11600.00	1506.00	0.00	_____
317	19100.00	1506.00	0.00	_____
318	26200.00	1506.00	0.00	_____
319	0.00	0.00	-555.00	_____
320	321.00	0.00	-555.00	_____
321	0.00	0.00	-1005.00	_____
322	321.00	0.00	-1005.00	_____
323	643.00	0.00	-1005.00	_____
324	643.00	0.00	-555.00	_____
325	964.00	0.00	-1005.00	_____
326	964.00	0.00	-555.00	_____
327	1286.00	0.00	-1005.00	_____
328	1286.00	0.00	-555.00	_____
329	1607.00	0.00	-1005.00	_____
330	1607.00	0.00	-555.00	_____
331	1929.00	0.00	-1005.00	_____
332	1929.00	0.00	-555.00	_____
333	2250.00	0.00	-1005.00	_____
334	2250.00	0.00	-555.00	_____
335	2571.00	0.00	-1005.00	_____
336	2571.00	0.00	-555.00	_____
337	2893.00	0.00	-1005.00	_____
338	2893.00	0.00	-555.00	_____
339	3214.00	0.00	-1005.00	_____
340	3214.00	0.00	-555.00	_____
341	3536.00	0.00	-1005.00	_____
342	3536.00	0.00	-555.00	_____
343	3857.00	0.00	-1005.00	_____
344	3857.00	0.00	-555.00	_____
345	4179.00	0.00	-1005.00	_____
346	4179.00	0.00	-555.00	_____
347	4500.00	0.00	-1005.00	_____
348	4500.00	0.00	-555.00	_____
349	4855.00	0.00	-1005.00	_____
350	4855.00	0.00	-555.00	_____
351	5210.00	0.00	-1005.00	_____
352	5210.00	0.00	-555.00	_____
353	5565.00	0.00	-1005.00	_____
354	5565.00	0.00	-555.00	_____
355	5920.00	0.00	-1005.00	_____
356	5920.00	0.00	-555.00	_____
357	6275.00	0.00	-1005.00	_____
358	6275.00	0.00	-555.00	_____
359	6630.00	0.00	-1005.00	_____
360	6630.00	0.00	-555.00	_____
361	6985.00	0.00	-1005.00	_____
362	6985.00	0.00	-555.00	_____
363	7340.00	0.00	-1005.00	_____
364	7340.00	0.00	-555.00	_____

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
365	7695.00	0.00	-1005.00	
366	7695.00	0.00	-555.00	
367	8050.00	0.00	-1005.00	
368	8050.00	0.00	-555.00	
369	8405.00	0.00	-1005.00	
370	8405.00	0.00	-555.00	
371	8760.00	0.00	-1005.00	
372	8760.00	0.00	-555.00	
373	9115.00	0.00	-1005.00	
374	9115.00	0.00	-555.00	
375	9470.00	0.00	-1005.00	
376	9470.00	0.00	-555.00	
377	9825.00	0.00	-1005.00	
378	9825.00	0.00	-555.00	
379	10180.00	0.00	-1005.00	
380	10180.00	0.00	-555.00	
381	10535.00	0.00	-1005.00	
382	10535.00	0.00	-555.00	
383	10890.00	0.00	-1005.00	
384	10890.00	0.00	-555.00	
385	11245.00	0.00	-1005.00	
386	11245.00	0.00	-555.00	
387	11600.00	0.00	-1005.00	
388	11600.00	0.00	-555.00	
389	11957.00	0.00	-1005.00	
390	11957.00	0.00	-555.00	
391	12314.00	0.00	-1005.00	
392	12314.00	0.00	-555.00	
393	12671.00	0.00	-1005.00	
394	12671.00	0.00	-555.00	
395	13029.00	0.00	-1005.00	
396	13029.00	0.00	-555.00	
397	13386.00	0.00	-1005.00	
398	13386.00	0.00	-555.00	
399	13743.00	0.00	-1005.00	
400	13743.00	0.00	-555.00	
401	14100.00	0.00	-1005.00	
402	14100.00	0.00	-555.00	
403	14457.00	0.00	-1005.00	
404	14457.00	0.00	-555.00	
405	14814.00	0.00	-1005.00	
406	14814.00	0.00	-555.00	
407	15171.00	0.00	-1005.00	
408	15171.00	0.00	-555.00	
409	15529.00	0.00	-1005.00	
410	15529.00	0.00	-555.00	
411	15886.00	0.00	-1005.00	
412	15886.00	0.00	-555.00	
413	16243.00	0.00	-1005.00	
414	16243.00	0.00	-555.00	
415	16600.00	0.00	-1005.00	
416	16600.00	0.00	-555.00	
417	16957.00	0.00	-1005.00	
418	16957.00	0.00	-555.00	
419	17314.00	0.00	-1005.00	
420	17314.00	0.00	-555.00	
421	17671.00	0.00	-1005.00	
422	17671.00	0.00	-555.00	
423	18029.00	0.00	-1005.00	
424	18029.00	0.00	-555.00	
425	18386.00	0.00	-1005.00	
426	18386.00	0.00	-555.00	
427	18743.00	0.00	-1005.00	
428	18743.00	0.00	-555.00	
429	19100.00	0.00	-1005.00	
430	19100.00	0.00	-555.00	
431	19455.00	0.00	-1005.00	
432	19455.00	0.00	-555.00	
433	19810.00	0.00	-1005.00	
434	19810.00	0.00	-555.00	
435	20165.00	0.00	-1005.00	
436	20165.00	0.00	-555.00	
437	20520.00	0.00	-1005.00	
438	20520.00	0.00	-555.00	
439	20875.00	0.00	-1005.00	
440	20875.00	0.00	-555.00	
441	21230.00	0.00	-1005.00	
442	21230.00	0.00	-555.00	
443	21585.00	0.00	-1005.00	
444	21585.00	0.00	-555.00	
445	21940.00	0.00	-1005.00	
446	21940.00	0.00	-555.00	
447	22295.00	0.00	-1005.00	
448	22295.00	0.00	-555.00	
449	22650.00	0.00	-1005.00	
450	22650.00	0.00	-555.00	
451	23005.00	0.00	-1005.00	
452	23005.00	0.00	-555.00	
453	23360.00	0.00	-1005.00	
454	23360.00	0.00	-555.00	
455	23715.00	0.00	-1005.00	
456	23715.00	0.00	-555.00	

NUDO	X(cm)	Y(cm)	Z(cm)	TIPO
457	24070.00	0.00	-1005.00	_____
458	24070.00	0.00	-555.00	_____
459	24425.00	0.00	-1005.00	_____
460	24425.00	0.00	-555.00	_____
461	24780.00	0.00	-1005.00	_____
462	24780.00	0.00	-555.00	_____
463	25135.00	0.00	-1005.00	_____
464	25135.00	0.00	-555.00	_____
465	25490.00	0.00	-1005.00	_____
466	25490.00	0.00	-555.00	_____
467	25845.00	0.00	-1005.00	_____
468	25845.00	0.00	-555.00	_____
469	26200.00	0.00	-1005.00	_____
470	26200.00	0.00	-555.00	_____
471	26521.00	0.00	-1005.00	_____
472	26521.00	0.00	-555.00	_____
473	26843.00	0.00	-1005.00	_____
474	26843.00	0.00	-555.00	_____
475	27164.00	0.00	-1005.00	_____
476	27164.00	0.00	-555.00	_____
477	27486.00	0.00	-1005.00	_____
478	27486.00	0.00	-555.00	_____
479	27807.00	0.00	-1005.00	_____
480	27807.00	0.00	-555.00	_____
481	28129.00	0.00	-1005.00	_____
482	28129.00	0.00	-555.00	_____
483	28450.00	0.00	-1005.00	_____
484	28450.00	0.00	-555.00	_____
485	28771.00	0.00	-1005.00	_____
486	28771.00	0.00	-555.00	_____
487	29093.00	0.00	-1005.00	_____
488	29093.00	0.00	-555.00	_____
489	29414.00	0.00	-1005.00	_____
490	29414.00	0.00	-555.00	_____
491	29736.00	0.00	-1005.00	_____
492	29736.00	0.00	-555.00	_____
493	30057.00	0.00	-1005.00	_____
494	30057.00	0.00	-555.00	_____
495	30379.00	0.00	-1005.00	_____
496	30379.00	0.00	-555.00	_____
497	30700.00	0.00	-1005.00	_____
498	30700.00	0.00	-555.00	_____

4- DEFINICIÓN DE LAS BARRAS

LISTADO DE GEOMETRIA

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

BARRAS

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
1	1	58	420.0	1 A EJE		R-R
2	2	37	220.0	1 A EJE		R-R
3	3	4	321.0	1 A EJE		R-R
4	3	321	555.0	3 A CARA		R-R
5	4	5	322.0	1 A EJE		R-R
6	4	322	555.0	3 A CARA		A-R
7	5	6	321.0	1 A EJE		R-R
8	5	323	555.0	3 A CARA		A-R
9	6	7	322.0	1 A EJE		R-R
10	6	325	555.0	3 A CARA		A-R
11	7	8	321.0	1 A EJE		R-R
12	7	327	555.0	3 A CARA		A-R
13	8	9	322.0	1 A EJE		R-R
14	8	329	555.0	3 A CARA		A-R
15	8	187	341.9	1 A EJE		R-R
16	9	10	321.0	1 A EJE		R-R
17	9	331	555.0	3 A CARA		A-R
18	10	11	321.0	1 A EJE		R-R
19	10	333	555.0	3 A CARA		A-R
20	11	12	322.0	1 A EJE		R-R
21	11	335	555.0	3 A CARA		A-R
22	12	13	321.0	1 A EJE		R-R
23	12	337	555.0	3 A CARA		A-R
24	13	14	322.0	1 A EJE		R-R
25	13	339	555.0	3 A CARA		A-R
26	14	15	321.0	1 A EJE		R-R
27	14	341	555.0	3 A CARA		A-R
28	15	16	322.0	1 A EJE		R-R
29	15	343	555.0	3 A CARA		A-R
30	16	17	321.0	1 A EJE		R-R
31	16	345	555.0	3 A CARA		A-R
32	17	18	355.0	1 A EJE		R-R
33	17	93	220.0	1 A EJE		R-R
34	17	255	753.0	1 A EJE		R-R
35	18	19	355.0	1 A EJE		R-R
36	18	349	555.0	3 A CARA		A-R
37	19	20	355.0	1 A EJE		R-R
38	19	351	555.0	3 A CARA		A-R
39	20	21	355.0	1 A EJE		R-R
40	20	353	555.0	3 A CARA		A-R
41	21	22	355.0	1 A EJE		R-R
42	21	355	555.0	3 A CARA		A-R
43	22	23	355.0	1 A EJE		R-R
44	22	357	555.0	3 A CARA		A-R
45	23	24	355.0	1 A EJE		R-R
46	23	359	555.0	3 A CARA		A-R
47	24	25	355.0	1 A EJE		R-R
48	24	361	555.0	3 A CARA		A-R
49	25	26	355.0	1 A EJE		R-R
50	25	363	555.0	3 A CARA		A-R
51	25	195	379.4	1 A EJE		R-R
52	26	27	355.0	1 A EJE		R-R
53	26	365	555.0	3 A CARA		A-R
54	27	28	355.0	1 A EJE		R-R
55	27	367	555.0	3 A CARA		A-R
56	28	29	355.0	1 A EJE		R-R
57	28	369	555.0	3 A CARA		A-R
58	29	30	355.0	1 A EJE		R-R
59	29	371	555.0	3 A CARA		A-R
60	29	196	379.4	1 A EJE		R-R
61	30	31	355.0	1 A EJE		R-R
62	30	373	555.0	3 A CARA		A-R
63	31	32	355.0	1 A EJE		R-R
64	31	375	555.0	3 A CARA		A-R
65	32	33	355.0	1 A EJE		R-R
66	32	377	555.0	3 A CARA		A-R
67	33	34	355.0	1 A EJE		R-R
68	33	379	555.0	3 A CARA		A-R
69	34	35	355.0	1 A EJE		R-R
70	34	381	555.0	3 A CARA		A-R
71	35	36	355.0	1 A EJE		R-R
72	35	383	555.0	3 A CARA		A-R
73	36	37	355.0	1 A EJE		R-R
74	36	385	555.0	3 A CARA		A-R
75	37	38	357.0	1 A EJE		R-R
76	37	387	555.0	1 A EJE		R-R
77	37	256	753.0	1 A EJE		R-R
78	38	39	357.0	1 A EJE		R-R
79	38	389	555.0	3 A CARA		A-R
80	39	40	357.0	1 A EJE		R-R
81	39	391	555.0	3 A CARA		A-R
82	40	41	358.0	1 A EJE		R-R
83	40	393	555.0	3 A CARA		A-R
84	41	42	357.0	1 A EJE		R-R
85	41	395	555.0	3 A CARA		A-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
86	42	43	357.0	1 A EJE		R-R
87	42	397	555.0	3 A CARA		A-R
88	43	44	357.0	1 A EJE		R-R
89	43	399	555.0	3 A CARA		A-R
90	44	45	357.0	1 A EJE		R-R
91	44	401	555.0	3 A CARA		A-R
92	45	46	357.0	1 A EJE		R-R
93	45	403	555.0	3 A CARA		A-R
94	45	191	379.6	1 A EJE		R-R
95	46	47	357.0	1 A EJE		R-R
96	46	405	555.0	3 A CARA		A-R
97	47	48	358.0	1 A EJE		R-R
98	47	407	555.0	3 A CARA		A-R
99	48	49	357.0	1 A EJE		R-R
100	48	409	555.0	3 A CARA		A-R
101	49	50	357.0	1 A EJE		R-R
102	49	411	555.0	3 A CARA		A-R
103	50	51	357.0	1 A EJE		R-R
104	50	413	555.0	3 A CARA		A-R
105	50	192	379.6	1 A EJE		R-R
106	51	52	357.0	1 A EJE		R-R
107	51	415	555.0	3 A CARA		A-R
108	52	53	357.0	1 A EJE		R-R
109	52	417	555.0	3 A CARA		A-R
110	53	54	357.0	1 A EJE		R-R
111	53	419	555.0	3 A CARA		A-R
112	54	55	358.0	1 A EJE		R-R
113	54	421	555.0	3 A CARA		A-R
114	55	56	357.0	1 A EJE		R-R
115	55	423	555.0	3 A CARA		A-R
116	56	57	357.0	1 A EJE		R-R
117	56	425	555.0	3 A CARA		A-R
118	57	58	357.0	1 A EJE		R-R
119	57	427	555.0	3 A CARA		A-R
120	58	59	355.0	1 A EJE		R-R
121	58	429	555.0	1 A EJE		R-R
122	58	257	753.0	1 A EJE		R-R
123	59	60	355.0	1 A EJE		R-R
124	59	431	555.0	3 A CARA		A-R
125	60	61	355.0	1 A EJE		R-R
126	60	433	555.0	3 A CARA		A-R
127	61	62	355.0	1 A EJE		R-R
128	61	435	555.0	3 A CARA		A-R
129	62	63	355.0	1 A EJE		R-R
130	62	437	555.0	3 A CARA		A-R
131	63	64	355.0	1 A EJE		R-R
132	63	439	555.0	3 A CARA		A-R
133	64	65	355.0	1 A EJE		R-R
134	64	441	555.0	3 A CARA		A-R
135	65	66	355.0	1 A EJE		R-R
136	65	443	555.0	3 A CARA		A-R
137	66	67	355.0	1 A EJE		R-R
138	66	445	555.0	3 A CARA		A-R
139	66	197	379.4	1 A EJE		R-R
140	67	68	355.0	1 A EJE		R-R
141	67	447	555.0	3 A CARA		A-R
142	68	69	355.0	1 A EJE		R-R
143	68	449	555.0	3 A CARA		A-R
144	69	70	355.0	1 A EJE		R-R
145	69	451	555.0	3 A CARA		A-R
146	70	71	355.0	1 A EJE		R-R
147	70	453	555.0	3 A CARA		A-R
148	70	198	379.4	1 A EJE		R-R
149	71	72	355.0	1 A EJE		R-R
150	71	455	555.0	3 A CARA		A-R
151	72	73	355.0	1 A EJE		R-R
152	72	457	555.0	3 A CARA		A-R
153	73	74	355.0	1 A EJE		R-R
154	73	459	555.0	3 A CARA		A-R
155	74	75	355.0	1 A EJE		R-R
156	74	461	555.0	3 A CARA		A-R
157	75	76	355.0	1 A EJE		R-R
158	75	463	555.0	3 A CARA		A-R
159	76	77	355.0	1 A EJE		R-R
160	76	465	555.0	3 A CARA		A-R
161	77	78	355.0	1 A EJE		R-R
162	77	467	555.0	3 A CARA		A-R
163	78	79	321.0	1 A EJE		R-R
164	78	469	555.0	1 A EJE		R-R
165	78	258	753.0	1 A EJE		R-R
166	79	80	322.0	1 A EJE		R-R
167	79	471	555.0	3 A CARA		A-R
168	80	81	321.0	1 A EJE		R-R
169	80	473	555.0	3 A CARA		A-R
170	81	82	322.0	1 A EJE		R-R
171	81	475	555.0	3 A CARA		A-R
172	82	83	321.0	1 A EJE		R-R
173	82	477	555.0	3 A CARA		A-R
174	83	84	322.0	1 A EJE		R-R
175	83	479	555.0	3 A CARA		A-R
176	84	85	321.0	1 A EJE		R-R
177	84	481	555.0	3 A CARA		A-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
178	85	86	321.0	1 A EJE		R-R
179	85	483	555.0	3 A CARA		A-R
180	86	87	322.0	1 A EJE		R-R
181	86	485	555.0	3 A CARA		A-R
182	87	88	321.0	1 A EJE		R-R
183	87	487	555.0	3 A CARA		A-R
184	87	188	341.9	1 A EJE		R-R
185	88	89	322.0	1 A EJE		R-R
186	88	489	555.0	3 A CARA		A-R
187	89	90	321.0	1 A EJE		R-R
188	89	491	555.0	3 A CARA		A-R
189	90	91	322.0	1 A EJE		R-R
190	90	493	555.0	3 A CARA		A-R
191	91	92	321.0	1 A EJE		R-R
192	91	495	555.0	3 A CARA		A-R
193	92	497	555.0	3 A CARA		R-R
194	93	347	335.0	1 A EJE		R-R
195	94	170	216.0	1 A EJE		R-R
196	95	96	321.0	1 A EJE		R-R
197	96	97	322.0	1 A EJE		R-R
198	97	98	321.0	1 A EJE		R-R
199	98	99	322.0	1 A EJE		R-R
200	99	100	321.0	1 A EJE		R-R
201	100	101	322.0	1 A EJE		R-R
202	100	189	341.9	1 A EJE		R-R
203	101	102	321.0	1 A EJE		R-R
204	102	103	321.0	1 A EJE		R-R
205	103	104	322.0	1 A EJE		R-R
206	104	105	321.0	1 A EJE		R-R
207	105	106	322.0	1 A EJE		R-R
208	106	107	321.0	1 A EJE		R-R
209	107	108	322.0	1 A EJE		R-R
210	108	109	321.0	1 A EJE		R-R
211	109	110	355.0	1 A EJE		R-R
212	109	259	753.0	1 A EJE		R-R
213	110	111	355.0	1 A EJE		R-R
214	111	112	355.0	1 A EJE		R-R
215	112	113	355.0	1 A EJE		R-R
216	113	114	355.0	1 A EJE		R-R
217	114	115	355.0	1 A EJE		R-R
218	115	116	355.0	1 A EJE		R-R
219	116	117	355.0	1 A EJE		R-R
220	117	118	355.0	1 A EJE		R-R
221	117	199	379.4	1 A EJE		R-R
222	118	119	355.0	1 A EJE		R-R
223	119	120	355.0	1 A EJE		R-R
224	120	121	355.0	1 A EJE		R-R
225	121	122	355.0	1 A EJE		R-R
226	121	200	379.4	1 A EJE		R-R
227	122	123	355.0	1 A EJE		R-R
228	123	124	355.0	1 A EJE		R-R
229	124	125	355.0	1 A EJE		R-R
230	125	126	355.0	1 A EJE		R-R
231	126	127	355.0	1 A EJE		R-R
232	127	128	355.0	1 A EJE		R-R
233	128	129	355.0	1 A EJE		R-R
234	129	130	357.0	1 A EJE		R-R
235	129	186	487.0	1 A EJE		R-R
236	129	260	753.0	1 A EJE		R-R
237	130	131	357.0	1 A EJE		R-R
238	131	132	357.0	1 A EJE		R-R
239	132	133	358.0	1 A EJE		R-R
240	133	134	357.0	1 A EJE		R-R
241	134	135	357.0	1 A EJE		R-R
242	135	136	357.0	1 A EJE		R-R
243	136	137	357.0	1 A EJE		R-R
244	137	138	357.0	1 A EJE		R-R
245	137	193	379.6	1 A EJE		R-R
246	138	139	357.0	1 A EJE		R-R
247	139	140	358.0	1 A EJE		R-R
248	140	141	357.0	1 A EJE		R-R
249	141	142	357.0	1 A EJE		R-R
250	142	143	357.0	1 A EJE		R-R
251	142	194	379.6	1 A EJE		R-R
252	143	144	357.0	1 A EJE		R-R
253	144	145	357.0	1 A EJE		R-R
254	145	146	357.0	1 A EJE		R-R
255	146	147	358.0	1 A EJE		R-R
256	147	148	357.0	1 A EJE		R-R
257	148	149	357.0	1 A EJE		R-R
258	149	150	357.0	1 A EJE		R-R
259	150	151	355.0	1 A EJE		R-R
260	150	185	270.0	1 A EJE		R-R
261	150	261	753.0	1 A EJE		R-R
262	151	152	355.0	1 A EJE		R-R
263	152	153	355.0	1 A EJE		R-R
264	153	154	355.0	1 A EJE		R-R
265	154	155	355.0	1 A EJE		R-R
266	155	156	355.0	1 A EJE		R-R
267	156	157	355.0	1 A EJE		R-R
268	157	158	355.0	1 A EJE		R-R
269	158	159	355.0	1 A EJE		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
270	158	201	379.4	1 A EJE		R-R
271	159	160	355.0	1 A EJE		R-R
272	160	161	355.0	1 A EJE		R-R
273	161	162	355.0	1 A EJE		R-R
274	162	163	355.0	1 A EJE		R-R
275	162	202	379.4	1 A EJE		R-R
276	163	164	355.0	1 A EJE		R-R
277	164	165	355.0	1 A EJE		R-R
278	165	166	355.0	1 A EJE		R-R
279	166	167	355.0	1 A EJE		R-R
280	167	168	355.0	1 A EJE		R-R
281	168	169	355.0	1 A EJE		R-R
282	169	170	355.0	1 A EJE		R-R
283	170	171	321.0	1 A EJE		R-R
284	170	262	753.0	1 A EJE		R-R
285	171	172	322.0	1 A EJE		R-R
286	172	173	321.0	1 A EJE		R-R
287	173	174	322.0	1 A EJE		R-R
288	174	175	321.0	1 A EJE		R-R
289	175	176	322.0	1 A EJE		R-R
290	176	177	321.0	1 A EJE		R-R
291	177	178	321.0	1 A EJE		R-R
292	178	179	322.0	1 A EJE		R-R
293	179	180	321.0	1 A EJE		R-R
294	179	190	341.9	1 A EJE		R-R
295	180	181	322.0	1 A EJE		R-R
296	181	182	321.0	1 A EJE		R-R
297	182	183	322.0	1 A EJE		R-R
298	183	184	321.0	1 A EJE		R-R
299	187	203	340.6	1 A EJE		R-R
300	188	204	340.6	1 A EJE		R-R
301	189	205	340.6	1 A EJE		R-R
302	190	206	340.6	1 A EJE		R-R
303	191	207	381.3	1 A EJE		R-R
304	192	208	381.3	1 A EJE		R-R
305	193	209	381.3	1 A EJE		R-R
306	194	210	381.3	1 A EJE		R-R
307	195	211	379.4	1 A EJE		R-R
308	196	212	379.4	1 A EJE		R-R
309	197	213	379.4	1 A EJE		R-R
310	198	214	379.4	1 A EJE		R-R
311	199	215	379.4	1 A EJE		R-R
312	200	216	379.4	1 A EJE		R-R
313	201	217	379.4	1 A EJE		R-R
314	202	218	379.4	1 A EJE		R-R
315	203	219	341.0	1 A EJE		R-R
316	204	220	341.0	1 A EJE		R-R
317	205	221	341.0	1 A EJE		R-R
318	206	222	341.0	1 A EJE		R-R
319	207	223	383.1	1 A EJE		R-R
320	208	224	383.1	1 A EJE		R-R
321	209	225	383.1	1 A EJE		R-R
322	210	226	383.1	1 A EJE		R-R
323	211	227	381.2	1 A EJE		R-R
324	212	228	381.2	1 A EJE		R-R
325	213	229	381.2	1 A EJE		R-R
326	214	230	381.2	1 A EJE		R-R
327	215	231	381.2	1 A EJE		R-R
328	216	232	381.2	1 A EJE		R-R
329	217	233	381.2	1 A EJE		R-R
330	218	234	381.2	1 A EJE		R-R
331	219	235	349.5	1 A EJE		R-R
332	220	236	349.5	1 A EJE		R-R
333	221	237	349.5	1 A EJE		R-R
334	222	238	349.5	1 A EJE		R-R
335	223	239	392.5	1 A EJE		R-R
336	224	240	392.5	1 A EJE		R-R
337	225	241	392.5	1 A EJE		R-R
338	226	242	392.5	1 A EJE		R-R
339	227	243	390.2	1 A EJE		R-R
340	228	244	390.2	1 A EJE		R-R
341	229	245	390.2	1 A EJE		R-R
342	230	246	390.2	1 A EJE		R-R
343	231	247	390.2	1 A EJE		R-R
344	232	248	390.2	1 A EJE		R-R
345	233	249	390.2	1 A EJE		R-R
346	234	250	390.2	1 A EJE		R-R
347	235	251	357.3	1 A EJE		R-R
348	236	252	357.3	1 A EJE		R-R
349	237	253	357.3	1 A EJE		R-R
350	238	254	357.3	1 A EJE		R-R
351	239	263	404.8	1 A EJE		R-R
352	240	264	404.8	1 A EJE		R-R
353	241	265	404.8	1 A EJE		R-R
354	242	266	404.8	1 A EJE		R-R
355	243	267	401.7	1 A EJE		R-R
356	244	268	401.7	1 A EJE		R-R
357	245	269	401.7	1 A EJE		R-R
358	246	270	401.7	1 A EJE		R-R
359	247	271	401.7	1 A EJE		R-R
360	248	272	401.7	1 A EJE		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
361	249	273	401.7	1 A EJE		R-R
362	250	274	401.7	1 A EJE		R-R
363	251	275	368.4	1 A EJE		R-R
364	252	276	368.4	1 A EJE		R-R
365	253	277	368.4	1 A EJE		R-R
366	254	278	368.4	1 A EJE		R-R
367	255	311	753.0	1 A EJE		R-R
368	256	312	753.0	1 A EJE		R-R
369	257	313	753.0	1 A EJE		R-R
370	258	314	753.0	1 A EJE		R-R
371	259	315	753.0	1 A EJE		R-R
372	260	316	753.0	1 A EJE		R-R
373	261	317	753.0	1 A EJE		R-R
374	262	318	753.0	1 A EJE		R-R
375	263	279	417.8	1 A EJE		R-R
376	264	280	417.8	1 A EJE		R-R
377	265	281	417.8	1 A EJE		R-R
378	266	282	417.8	1 A EJE		R-R
379	267	283	416.1	1 A EJE		R-R
380	268	284	416.1	1 A EJE		R-R
381	269	285	416.1	1 A EJE		R-R
382	270	286	416.1	1 A EJE		R-R
383	271	287	416.1	1 A EJE		R-R
384	272	288	416.1	1 A EJE		R-R
385	273	289	416.1	1 A EJE		R-R
386	274	290	416.1	1 A EJE		R-R
387	275	291	379.3	1 A EJE		R-R
388	276	292	379.3	1 A EJE		R-R
389	277	293	379.3	1 A EJE		R-R
390	278	294	379.3	1 A EJE		R-R
391	279	295	435.3	1 A EJE		R-R
392	280	296	435.3	1 A EJE		R-R
393	281	297	435.3	1 A EJE		R-R
394	282	298	435.3	1 A EJE		R-R
395	283	299	433.0	1 A EJE		R-R
396	284	300	433.0	1 A EJE		R-R
397	285	301	433.0	1 A EJE		R-R
398	286	302	433.0	1 A EJE		R-R
399	287	303	433.0	1 A EJE		R-R
400	288	304	433.0	1 A EJE		R-R
401	289	305	433.0	1 A EJE		R-R
402	290	306	433.0	1 A EJE		R-R
403	291	307	395.1	1 A EJE		R-R
404	292	308	395.1	1 A EJE		R-R
405	293	309	395.1	1 A EJE		R-R
406	294	310	395.1	1 A EJE		R-R
407	295	312	457.4	1 A EJE		R-R
408	296	313	457.4	1 A EJE		R-R
409	297	316	457.4	1 A EJE		R-R
410	298	317	457.4	1 A EJE		R-R
411	299	311	454.6	1 A EJE		R-R
412	300	312	454.6	1 A EJE		R-R
413	301	313	454.6	1 A EJE		R-R
414	302	314	454.6	1 A EJE		R-R
415	303	315	454.6	1 A EJE		R-R
416	304	316	454.6	1 A EJE		R-R
417	305	317	454.6	1 A EJE		R-R
418	306	318	454.6	1 A EJE		R-R
419	307	311	412.5	1 A EJE		R-R
420	308	314	412.5	1 A EJE		R-R
421	309	315	412.5	1 A EJE		R-R
422	310	318	412.5	1 A EJE		R-R
423	311	315	1560.0	1 A EJE		R-R
424	312	316	1560.0	1 A EJE		R-R
425	313	317	1560.0	1 A EJE		R-R
426	314	318	1560.0	1 A EJE		R-R
427	319	320	321.0	3 A EJE		R-R
428	95	319	555.0	5 A CARA		R-R
429	96	320	555.0	5 A CARA		A-R
430	321	322	321.0	3 A EJE		R-R
431	319	321	450.0	5 A CARA		R-R
432	320	322	450.0	5 A CARA		R-R
433	322	323	322.0	3 A EJE		R-R
434	97	324	555.0	5 A CARA		A-R
435	320	324	322.0	3 A EJE		R-R
436	323	324	450.0	3 A CARA		R-R
437	323	325	321.0	3 A EJE		R-R
438	98	326	555.0	5 A CARA		A-R
439	324	326	321.0	3 A EJE		R-R
440	325	326	450.0	3 A CARA		R-R
441	325	327	322.0	3 A EJE		R-R
442	99	328	555.0	5 A CARA		A-R
443	326	328	322.0	3 A EJE		R-R
444	327	328	450.0	3 A CARA		R-R
445	327	329	321.0	3 A EJE		R-R
446	100	330	555.0	5 A CARA		A-R
447	328	330	321.0	3 A EJE		R-R
448	329	330	450.0	3 A CARA		R-R
449	329	331	322.0	3 A EJE		R-R
450	101	332	555.0	5 A CARA		A-R
451	330	332	322.0	3 A EJE		R-R
452	331	332	450.0	3 A CARA		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
453	331	333	321.0	3 A EJE		R-R
454	102	334	555.0	5 A CARA		A-R
455	332	334	321.0	3 A EJE		R-R
456	333	334	450.0	3 A CARA		R-R
457	333	335	321.0	3 A EJE		R-R
458	103	336	555.0	5 A CARA		A-R
459	334	336	321.0	3 A EJE		R-R
460	335	336	450.0	3 A CARA		R-R
461	335	337	322.0	3 A EJE		R-R
462	104	338	555.0	5 A CARA		A-R
463	336	338	322.0	3 A EJE		R-R
464	337	338	450.0	3 A CARA		R-R
465	337	339	321.0	3 A EJE		R-R
466	105	340	555.0	5 A CARA		A-R
467	338	340	321.0	3 A EJE		R-R
468	339	340	450.0	3 A CARA		R-R
469	339	341	322.0	3 A EJE		R-R
470	106	342	555.0	5 A CARA		A-R
471	340	342	322.0	3 A EJE		R-R
472	341	342	450.0	3 A CARA		R-R
473	341	343	321.0	3 A EJE		R-R
474	107	344	555.0	5 A CARA		A-R
475	342	344	321.0	3 A EJE		R-R
476	343	344	450.0	3 A CARA		R-R
477	343	345	322.0	3 A EJE		R-R
478	108	346	555.0	5 A CARA		A-R
479	344	346	322.0	3 A EJE		R-R
480	345	346	450.0	3 A CARA		R-R
481	345	347	321.0	3 A EJE		R-R
482	109	348	555.0	1 A EJE		R-R
483	346	348	321.0	3 A EJE		R-R
484	347	348	450.0	1 A EJE		R-R
485	347	349	355.0	3 A EJE		R-R
486	110	350	555.0	5 A CARA		A-R
487	348	350	355.0	3 A EJE		R-R
488	349	350	450.0	3 A CARA		R-R
489	349	351	355.0	3 A EJE		R-R
490	111	352	555.0	5 A CARA		A-R
491	350	352	355.0	3 A EJE		R-R
492	351	352	450.0	3 A CARA		R-R
493	351	353	355.0	3 A EJE		R-R
494	112	354	555.0	5 A CARA		A-R
495	352	354	355.0	3 A EJE		R-R
496	353	354	450.0	3 A CARA		R-R
497	353	355	355.0	3 A EJE		R-R
498	113	356	555.0	5 A CARA		A-R
499	354	356	355.0	3 A EJE		R-R
500	355	356	450.0	3 A CARA		R-R
501	355	357	355.0	3 A EJE		R-R
502	114	358	555.0	5 A CARA		A-R
503	356	358	355.0	3 A EJE		R-R
504	357	358	450.0	3 A CARA		R-R
505	357	359	355.0	3 A EJE		R-R
506	115	360	555.0	5 A CARA		A-R
507	358	360	355.0	3 A EJE		R-R
508	359	360	450.0	3 A CARA		R-R
509	359	361	355.0	3 A EJE		R-R
510	116	362	555.0	5 A CARA		A-R
511	360	362	355.0	3 A EJE		R-R
512	361	362	450.0	3 A CARA		R-R
513	361	363	355.0	3 A EJE		R-R
514	117	364	555.0	5 A CARA		A-R
515	362	364	355.0	3 A EJE		R-R
516	363	364	450.0	3 A CARA		R-R
517	363	365	355.0	3 A EJE		R-R
518	118	366	555.0	5 A CARA		A-R
519	364	366	355.0	3 A EJE		R-R
520	365	366	450.0	3 A CARA		R-R
521	365	367	355.0	3 A EJE		R-R
522	119	368	555.0	5 A CARA		A-R
523	366	368	355.0	3 A EJE		R-R
524	367	368	450.0	3 A CARA		R-R
525	367	369	355.0	3 A EJE		R-R
526	120	370	555.0	5 A CARA		A-R
527	368	370	355.0	3 A EJE		R-R
528	369	370	450.0	3 A CARA		R-R
529	369	371	355.0	3 A EJE		R-R
530	121	372	555.0	5 A CARA		A-R
531	370	372	355.0	3 A EJE		R-R
532	371	372	450.0	3 A CARA		R-R
533	371	373	355.0	3 A EJE		R-R
534	122	374	555.0	5 A CARA		A-R
535	372	374	355.0	3 A EJE		R-R
536	373	374	450.0	3 A CARA		R-R
537	373	375	355.0	3 A EJE		R-R
538	123	376	555.0	5 A CARA		A-R
539	374	376	355.0	3 A EJE		R-R
540	375	376	450.0	3 A CARA		R-R
541	375	377	355.0	3 A EJE		R-R
542	124	378	555.0	5 A CARA		A-R
543	376	378	355.0	3 A EJE		R-R
544	377	378	450.0	3 A CARA		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
545	377	379	355.0	3 A EJE		R-R
546	125	380	555.0	5 A CARA		A-R
547	378	380	355.0	3 A EJE		R-R
548	379	380	450.0	3 A CARA		R-R
549	379	381	355.0	3 A EJE		R-R
550	126	382	555.0	5 A CARA		A-R
551	380	382	355.0	3 A EJE		R-R
552	381	382	450.0	3 A CARA		R-R
553	381	383	355.0	3 A EJE		R-R
554	127	384	555.0	5 A CARA		A-R
555	382	384	355.0	3 A EJE		R-R
556	383	384	450.0	3 A CARA		R-R
557	383	385	355.0	3 A EJE		R-R
558	128	386	555.0	5 A CARA		A-R
559	384	386	355.0	3 A EJE		R-R
560	385	386	450.0	3 A CARA		R-R
561	385	387	355.0	3 A EJE		R-R
562	129	388	555.0	1 A EJE		R-R
563	386	388	355.0	3 A EJE		R-R
564	387	388	450.0	1 A EJE		R-R
565	387	389	357.0	3 A EJE		R-R
566	130	390	555.0	5 A CARA		A-R
567	388	390	357.0	3 A EJE		R-R
568	389	390	450.0	3 A CARA		R-R
569	389	391	357.0	3 A EJE		R-R
570	131	392	555.0	5 A CARA		A-R
571	390	392	357.0	3 A EJE		R-R
572	391	392	450.0	3 A CARA		R-R
573	391	393	357.0	3 A EJE		R-R
574	132	394	555.0	5 A CARA		A-R
575	392	394	357.0	3 A EJE		R-R
576	393	394	450.0	3 A CARA		R-R
577	393	395	358.0	3 A EJE		R-R
578	133	396	555.0	5 A CARA		A-R
579	394	396	358.0	3 A EJE		R-R
580	395	396	450.0	3 A CARA		R-R
581	395	397	357.0	3 A EJE		R-R
582	134	398	555.0	5 A CARA		A-R
583	396	398	357.0	3 A EJE		R-R
584	397	398	450.0	3 A CARA		R-R
585	397	399	357.0	3 A EJE		R-R
586	135	400	555.0	5 A CARA		A-R
587	398	400	357.0	3 A EJE		R-R
588	399	400	450.0	3 A CARA		R-R
589	399	401	357.0	3 A EJE		R-R
590	136	402	555.0	5 A CARA		A-R
591	400	402	357.0	3 A EJE		R-R
592	401	402	450.0	3 A CARA		R-R
593	401	403	357.0	3 A EJE		R-R
594	137	404	555.0	5 A CARA		A-R
595	402	404	357.0	3 A EJE		R-R
596	403	404	450.0	3 A CARA		R-R
597	403	405	357.0	3 A EJE		R-R
598	138	406	555.0	5 A CARA		A-R
599	404	406	357.0	3 A EJE		R-R
600	405	406	450.0	3 A CARA		R-R
601	405	407	357.0	3 A EJE		R-R
602	139	408	555.0	5 A CARA		A-R
603	406	408	357.0	3 A EJE		R-R
604	407	408	450.0	3 A CARA		R-R
605	407	409	358.0	3 A EJE		R-R
606	140	410	555.0	5 A CARA		A-R
607	408	410	358.0	3 A EJE		R-R
608	409	410	450.0	3 A CARA		R-R
609	409	411	357.0	3 A EJE		R-R
610	141	412	555.0	5 A CARA		A-R
611	410	412	357.0	3 A EJE		R-R
612	411	412	450.0	3 A CARA		R-R
613	411	413	357.0	3 A EJE		R-R
614	142	414	555.0	5 A CARA		A-R
615	412	414	357.0	3 A EJE		R-R
616	413	414	450.0	3 A CARA		R-R
617	413	415	357.0	3 A EJE		R-R
618	143	416	555.0	5 A CARA		A-R
619	414	416	357.0	3 A EJE		R-R
620	415	416	450.0	3 A CARA		R-R
621	415	417	357.0	3 A EJE		R-R
622	144	418	555.0	5 A CARA		A-R
623	416	418	357.0	3 A EJE		R-R
624	417	418	450.0	3 A CARA		R-R
625	417	419	357.0	3 A EJE		R-R
626	145	420	555.0	5 A CARA		A-R
627	418	420	357.0	3 A EJE		R-R
628	419	420	450.0	3 A CARA		R-R
629	419	421	357.0	3 A EJE		R-R
630	146	422	555.0	5 A CARA		A-R
631	420	422	357.0	3 A EJE		R-R
632	421	422	450.0	3 A CARA		R-R
633	421	423	358.0	3 A EJE		R-R
634	147	424	555.0	5 A CARA		A-R
635	422	424	358.0	3 A EJE		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
636	423	424	450.0	3 A CARA		R-R
637	423	425	357.0	3 A EJE		R-R
638	148	426	555.0	5 A CARA		A-R
639	424	426	357.0	3 A EJE		R-R
640	425	426	450.0	3 A CARA		R-R
641	425	427	357.0	3 A EJE		R-R
642	149	428	555.0	5 A CARA		A-R
643	426	428	357.0	3 A EJE		R-R
644	427	428	450.0	3 A CARA		R-R
645	427	429	357.0	3 A EJE		R-R
646	150	430	555.0	1 A EJE		R-R
647	428	430	357.0	3 A EJE		R-R
648	429	430	450.0	1 A EJE		R-R
649	429	431	355.0	3 A EJE		R-R
650	151	432	555.0	5 A CARA		A-R
651	430	432	355.0	3 A EJE		R-R
652	431	432	450.0	3 A CARA		R-R
653	431	433	355.0	3 A EJE		R-R
654	152	434	555.0	5 A CARA		A-R
655	432	434	355.0	3 A EJE		R-R
656	433	434	450.0	3 A CARA		R-R
657	433	435	355.0	3 A EJE		R-R
658	153	436	555.0	5 A CARA		A-R
659	434	436	355.0	3 A EJE		R-R
660	435	436	450.0	3 A CARA		R-R
661	435	437	355.0	3 A EJE		R-R
662	154	438	555.0	5 A CARA		A-R
663	436	438	355.0	3 A EJE		R-R
664	437	438	450.0	3 A CARA		R-R
665	437	439	355.0	3 A EJE		R-R
666	155	440	555.0	5 A CARA		A-R
667	438	440	355.0	3 A EJE		R-R
668	439	440	450.0	3 A CARA		R-R
669	439	441	355.0	3 A EJE		R-R
670	156	442	555.0	5 A CARA		A-R
671	440	442	355.0	3 A EJE		R-R
672	441	442	450.0	3 A CARA		R-R
673	441	443	355.0	3 A EJE		R-R
674	157	444	555.0	5 A CARA		A-R
675	442	444	355.0	3 A EJE		R-R
676	443	444	450.0	3 A CARA		R-R
677	443	445	355.0	3 A EJE		R-R
678	158	446	555.0	5 A CARA		A-R
679	444	446	355.0	3 A EJE		R-R
680	445	446	450.0	3 A CARA		R-R
681	445	447	355.0	3 A EJE		R-R
682	159	448	555.0	5 A CARA		A-R
683	446	448	355.0	3 A EJE		R-R
684	447	448	450.0	3 A CARA		R-R
685	447	449	355.0	3 A EJE		R-R
686	160	450	555.0	5 A CARA		A-R
687	448	450	355.0	3 A EJE		R-R
688	449	450	450.0	3 A CARA		R-R
689	449	451	355.0	3 A EJE		R-R
690	161	452	555.0	5 A CARA		A-R
691	450	452	355.0	3 A EJE		R-R
692	451	452	450.0	3 A CARA		R-R
693	451	453	355.0	3 A EJE		R-R
694	162	454	555.0	5 A CARA		A-R
695	452	454	355.0	3 A EJE		R-R
696	453	454	450.0	3 A CARA		R-R
697	453	455	355.0	3 A EJE		R-R
698	163	456	555.0	5 A CARA		A-R
699	454	456	355.0	3 A EJE		R-R
700	455	456	450.0	3 A CARA		R-R
701	455	457	355.0	3 A EJE		R-R
702	164	458	555.0	5 A CARA		A-R
703	456	458	355.0	3 A EJE		R-R
704	457	458	450.0	3 A CARA		R-R
705	457	459	355.0	3 A EJE		R-R
706	165	460	555.0	5 A CARA		A-R
707	458	460	355.0	3 A EJE		R-R
708	459	460	450.0	3 A CARA		R-R
709	459	461	355.0	3 A EJE		R-R
710	166	462	555.0	5 A CARA		A-R
711	460	462	355.0	3 A EJE		R-R
712	461	462	450.0	3 A CARA		R-R
713	461	463	355.0	3 A EJE		R-R
714	167	464	555.0	5 A CARA		A-R
715	462	464	355.0	3 A EJE		R-R
716	463	464	450.0	3 A CARA		R-R
717	463	465	355.0	3 A EJE		R-R
718	168	466	555.0	5 A CARA		A-R
719	464	466	355.0	3 A EJE		R-R
720	465	466	450.0	3 A CARA		R-R
721	465	467	355.0	3 A EJE		R-R
722	169	468	555.0	5 A CARA		A-R
723	466	468	355.0	3 A EJE		R-R
724	467	468	450.0	3 A CARA		R-R
725	467	469	355.0	3 A EJE		R-R
726	94	470	339.0	1 A EJE		R-R
727	468	470	355.0	3 A EJE		R-R

BARRA	NI	NF	L(cm)	CRECIMIENTO	TIPO	UNIÓN
728	469	470	450.0	1 A EJE		R-R
729	469	471	321.0	3 A EJE		R-R
730	171	472	555.0	5 A CARA		A-R
731	470	472	321.0	3 A EJE		R-R
732	471	472	450.0	3 A CARA		R-R
733	471	473	322.0	3 A EJE		R-R
734	172	474	555.0	5 A CARA		A-R
735	472	474	322.0	3 A EJE		R-R
736	473	474	450.0	3 A CARA		R-R
737	473	475	321.0	3 A EJE		R-R
738	173	476	555.0	5 A CARA		A-R
739	474	476	321.0	3 A EJE		R-R
740	475	476	450.0	3 A CARA		R-R
741	475	477	322.0	3 A EJE		R-R
742	174	478	555.0	5 A CARA		A-R
743	476	478	322.0	3 A EJE		R-R
744	477	478	450.0	3 A CARA		R-R
745	477	479	321.0	3 A EJE		R-R
746	175	480	555.0	5 A CARA		A-R
747	478	480	321.0	3 A EJE		R-R
748	479	480	450.0	3 A CARA		R-R
749	479	481	322.0	3 A EJE		R-R
750	176	482	555.0	5 A CARA		A-R
751	480	482	322.0	3 A EJE		R-R
752	481	482	450.0	3 A CARA		R-R
753	481	483	321.0	3 A EJE		R-R
754	177	484	555.0	5 A CARA		A-R
755	482	484	321.0	3 A EJE		R-R
756	483	484	450.0	3 A CARA		R-R
757	483	485	321.0	3 A EJE		R-R
758	178	486	555.0	5 A CARA		A-R
759	484	486	321.0	3 A EJE		R-R
760	485	486	450.0	3 A CARA		R-R
761	485	487	322.0	3 A EJE		R-R
762	179	488	555.0	5 A CARA		A-R
763	486	488	322.0	3 A EJE		R-R
764	487	488	450.0	3 A CARA		R-R
765	487	489	321.0	3 A EJE		R-R
766	180	490	555.0	5 A CARA		A-R
767	488	490	321.0	3 A EJE		R-R
768	489	490	450.0	3 A CARA		R-R
769	489	491	322.0	3 A EJE		R-R
770	181	492	555.0	5 A CARA		A-R
771	490	492	322.0	3 A EJE		R-R
772	491	492	450.0	3 A CARA		R-R
773	491	493	321.0	3 A EJE		R-R
774	182	494	555.0	5 A CARA		A-R
775	492	494	321.0	3 A EJE		R-R
776	493	494	450.0	3 A CARA		R-R
777	493	495	322.0	3 A EJE		R-R
778	183	496	555.0	5 A CARA		A-R
779	494	496	322.0	3 A EJE		R-R
780	495	496	450.0	3 A CARA		R-R
781	495	497	321.0	3 A EJE		R-R
782	184	498	555.0	5 A CARA		R-R
783	496	498	321.0	3 A EJE		R-R
784	497	498	450.0	3 A CARA		R-R

5- SECCION DE LAS BARRAS

LISTADO DE SECCIONES

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
1	PHR	v1			3500	1600	420	0.00	---	No
2	PHR	v1			3500	1600	220	0.00	---	No
3	PHR	v1			3500	1600	321	0.00	---	No
4	IPE	H100			1400	550	555	0.00	---	No
5	PHR	v1			3500	1600	322	0.00	---	No
6	IPE	H100			1400	550	555	0.00	---	No
7	PHR	v1			3500	1600	321	0.00	---	No
8	IPE	H100			1400	550	555	0.00	---	No
9	PHR	v1			3500	1600	322	0.00	---	No
10	IPE	H100			1400	550	555	0.00	---	No
11	PHR	v3			4300	1600	321	0.00	---	No
12	IPE	H100			1400	550	555	0.00	---	No
13	PHR	v3			4300	1600	322	0.00	---	No
14	IPE	H100			1400	550	555	0.00	---	No
15	PHR	d1			1975	1600	342	0.00	---	No
16	PHR	v3			4300	1600	321	0.00	---	No
17	IPE	H100			1400	550	555	0.00	---	No
18	PHR	v1			3500	1600	321	0.00	---	No
19	IPE	H100			1400	550	555	0.00	---	No
20	PHR	v1			3500	1600	322	0.00	---	No
21	IPE	H100			1400	550	555	0.00	---	No
22	PHR	v1			3500	1600	321	0.00	---	No
23	IPE	H100			1400	550	555	0.00	---	No
24	PHR	v1			3500	1600	322	0.00	---	No
25	IPE	H100			1400	550	555	0.00	---	No
26	PHR	v1			3500	1600	321	0.00	---	No
27	IPE	H100			1400	550	555	0.00	---	No
28	PHR	v1			3500	1600	322	0.00	---	No
29	IPE	H100			1400	550	555	0.00	---	No
30	PHR	v2			3500	1600	321	0.00	---	No
31	IPE	H100			1400	550	555	0.00	---	No
32	PHR	v2			3500	1600	355	0.00	---	No
33	PHR	v1			3500	1600	220	0.00	---	No
34	PHR	m1i			2160	1600	753	0.00	---	No
35	PHR	v1			3500	1600	355	0.00	---	No
36	IPE	H100			1400	550	555	0.00	---	No
37	PHR	v1			3500	1600	355	0.00	---	No
38	IPE	H100			1400	550	555	0.00	---	No
39	PHR	v1			3500	1600	355	0.00	---	No
40	IPE	H100			1400	550	555	0.00	---	No
41	PHR	v1			3500	1600	355	0.00	---	No
42	IPE	H100			1400	550	555	0.00	---	No
43	PHR	v1			3500	1600	355	0.00	---	No
44	IPE	H100			1400	550	555	0.00	---	No
45	PHR	v3			4300	1600	355	0.00	---	No
46	IPE	H100			1400	550	555	0.00	---	No
47	PHR	v3			4300	1600	355	0.00	---	No
48	IPE	H100			1400	550	555	0.00	---	No
49	PHR	v3			4300	1600	355	0.00	---	No
50	IPE	H100			1400	550	555	0.00	---	No
51	PHR	d1			1975	1600	379	0.00	---	No
52	PHR	v1			3500	1600	355	0.00	---	No
53	IPE	H100			1400	550	555	0.00	---	No
54	PHR	v1			3500	1600	355	0.00	---	No
55	IPE	H100			1400	550	555	0.00	---	No
56	PHR	v3			4300	1600	355	0.00	---	No
57	IPE	H100			1400	550	555	0.00	---	No
58	PHR	v3			4300	1600	355	0.00	---	No
59	IPE	H100			1400	550	555	0.00	---	No
60	PHR	d1			1975	1600	379	0.00	---	No
61	PHR	v3			4300	1600	355	0.00	---	No
62	IPE	H100			1400	550	555	0.00	---	No
63	PHR	v1			3500	1600	355	0.00	---	No
64	IPE	H100			1400	550	555	0.00	---	No
65	PHR	v1			3500	1600	355	0.00	---	No
66	IPE	H100			1400	550	555	0.00	---	No
67	PHR	v1			3500	1600	355	0.00	---	No
68	IPE	H100			1400	550	555	0.00	---	No
69	PHR	v1			3500	1600	355	0.00	---	No
70	IPE	H100			1400	550	555	0.00	---	No
71	PHR	v1			3500	1600	355	0.00	---	No
72	IPE	H100			1400	550	555	0.00	---	No
73	PHR	v2			3500	1600	355	0.00	---	No
74	IPE	H100			1400	550	555	0.00	---	No
75	PHR	v2			3500	1600	357	0.00	---	No
76	PHR	v5			1100	2060	555	0.00	---	No
77	PHR	m2i			2160	2570	753	0.00	---	No
78	PHR	v1			3500	1600	357	0.00	---	No
79	IPE	H100			1400	550	555	0.00	---	No
80	PHR	v1			3500	1600	357	0.00	---	No
81	IPE	H100			1400	550	555	0.00	---	No
82	PHR	v1			3500	1600	358	0.00	---	No
83	IPE	H100			1400	550	555	0.00	---	No
84	PHR	v1			3500	1600	357	0.00	---	No
85	IPE	H100			1400	550	555	0.00	---	No
86	PHR	v1			3500	1600	357	0.00	---	No
87	IPE	H100			1400	550	555	0.00	---	No
88	PHR	v3			4300	1600	357	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
89	IPE	H100			1400	550	555	0.00	---	No
90	PHR	v3			4300	1600	357	0.00	---	No
91	IPE	H100			1400	550	555	0.00	---	No
92	PHR	v3			4300	1600	357	0.00	---	No
93	IPE	H100			1400	550	555	0.00	---	No
94	PHR	d1			1975	1600	380	0.00	---	No
95	PHR	v1			3500	1600	357	0.00	---	No
96	IPE	H100			1400	550	555	0.00	---	No
97	PHR	v1			3500	1600	358	0.00	---	No
98	IPE	H100			1400	550	555	0.00	---	No
99	PHR	v1			3500	1600	357	0.00	---	No
100	IPE	H100			1400	550	555	0.00	---	No
101	PHR	v3			4300	1600	357	0.00	---	No
102	IPE	H100			1400	550	555	0.00	---	No
103	PHR	v3			4300	1600	357	0.00	---	No
104	IPE	H100			1400	550	555	0.00	---	No
105	PHR	d1			1975	1600	380	0.00	---	No
106	PHR	v3			4300	1600	357	0.00	---	No
107	IPE	H100			1400	550	555	0.00	---	No
108	PHR	v1			3500	1600	357	0.00	---	No
109	IPE	H100			1400	550	555	0.00	---	No
110	PHR	v1			3500	1600	357	0.00	---	No
111	IPE	H100			1400	550	555	0.00	---	No
112	PHR	v1			3500	1600	358	0.00	---	No
113	IPE	H100			1400	550	555	0.00	---	No
114	PHR	v1			3500	1600	357	0.00	---	No
115	IPE	H100			1400	550	555	0.00	---	No
116	PHR	v1			3500	1600	357	0.00	---	No
117	IPE	H100			1400	550	555	0.00	---	No
118	PHR	v2			3500	1600	357	0.00	---	No
119	IPE	H100			1400	550	555	0.00	---	No
120	PHR	v2			3500	1600	355	0.00	---	No
121	PHR	v5			1100	2060	555	0.00	---	No
122	PHR	m2i			2160	2570	753	0.00	---	No
123	PHR	v1			3500	1600	355	0.00	---	No
124	IPE	H100			1400	550	555	0.00	---	No
125	PHR	v1			3500	1600	355	0.00	---	No
126	IPE	H100			1400	550	555	0.00	---	No
127	PHR	v1			3500	1600	355	0.00	---	No
128	IPE	H100			1400	550	555	0.00	---	No
129	PHR	v1			3500	1600	355	0.00	---	No
130	IPE	H100			1400	550	555	0.00	---	No
131	PHR	v1			3500	1600	355	0.00	---	No
132	IPE	H100			1400	550	555	0.00	---	No
133	PHR	v3			4300	1600	355	0.00	---	No
134	IPE	H100			1400	550	555	0.00	---	No
135	PHR	v3			4300	1600	355	0.00	---	No
136	IPE	H100			1400	550	555	0.00	---	No
137	PHR	v3			4300	1600	355	0.00	---	No
138	IPE	H100			1400	550	555	0.00	---	No
139	PHR	d1			1975	1600	379	0.00	---	No
140	PHR	v1			3500	1600	355	0.00	---	No
141	IPE	H100			1400	550	555	0.00	---	No
142	PHR	v1			3500	1600	355	0.00	---	No
143	IPE	H100			1400	550	555	0.00	---	No
144	PHR	v3			4300	1600	355	0.00	---	No
145	IPE	H100			1400	550	555	0.00	---	No
146	PHR	v3			4300	1600	355	0.00	---	No
147	IPE	H100			1400	550	555	0.00	---	No
148	PHR	d1			1975	1600	379	0.00	---	No
149	PHR	v3			4300	1600	355	0.00	---	No
150	IPE	H100			1400	550	555	0.00	---	No
151	PHR	v1			3500	1600	355	0.00	---	No
152	IPE	H100			1400	550	555	0.00	---	No
153	PHR	v1			3500	1600	355	0.00	---	No
154	IPE	H100			1400	550	555	0.00	---	No
155	PHR	v1			3500	1600	355	0.00	---	No
156	IPE	H100			1400	550	555	0.00	---	No
157	PHR	v1			3500	1600	355	0.00	---	No
158	IPE	H100			1400	550	555	0.00	---	No
159	PHR	v1			3500	1600	355	0.00	---	No
160	IPE	H100			1400	550	555	0.00	---	No
161	PHR	v2			3500	1600	355	0.00	---	No
162	IPE	H100			1400	550	555	0.00	---	No
163	PHR	v2			3500	1600	321	0.00	---	No
164	PHR	v5			1100	2060	555	0.00	---	No
165	PHR	m1i			2160	1600	753	0.00	---	No
166	PHR	v1			3500	1600	322	0.00	---	No
167	IPE	H100			1400	550	555	0.00	---	No
168	PHR	v1			3500	1600	321	0.00	---	No
169	IPE	H100			1400	550	555	0.00	---	No
170	PHR	v1			3500	1600	322	0.00	---	No
171	IPE	H100			1400	550	555	0.00	---	No
172	PHR	v1			3500	1600	321	0.00	---	No
173	IPE	H100			1400	550	555	0.00	---	No
174	PHR	v1			3500	1600	322	0.00	---	No
175	IPE	H100			1400	550	555	0.00	---	No
176	PHR	v1			3500	1600	321	0.00	---	No
177	IPE	H100			1400	550	555	0.00	---	No
178	PHR	v3			4300	1600	321	0.00	---	No
179	IPE	H100			1400	550	555	0.00	---	No
180	PHR	v3			4300	1600	322	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
181	IPE	H100			1400	550	555	0.00	---	No
182	PHR	v3			4300	1600	321	0.00	---	No
183	IPE	H100			1400	550	555	0.00	---	No
184	PHR	d1			1975	1600	342	0.00	---	No
185	PHR	v1			3500	1600	322	0.00	---	No
186	IPE	H100			1400	550	555	0.00	---	No
187	PHR	v1			3500	1600	321	0.00	---	No
188	IPE	H100			1400	550	555	0.00	---	No
189	PHR	v1			3500	1600	322	0.00	---	No
190	IPE	H100			1400	550	555	0.00	---	No
191	PHR	v1			3500	1600	321	0.00	---	No
192	IPE	H100			1400	550	555	0.00	---	No
193	IPE	H100			1400	550	555	0.00	---	No
194	PHR	v1			3500	1600	335	0.00	---	No
195	PHR	v5			1100	2060	216	0.00	---	No
196	PHR	v1			3500	1600	321	0.00	---	No
197	PHR	v1			3500	1600	322	0.00	---	No
198	PHR	v1			3500	1600	321	0.00	---	No
199	PHR	v1			3500	1600	322	0.00	---	No
200	PHR	v3			4300	1600	321	0.00	---	No
201	PHR	v3			4300	1600	322	0.00	---	No
202	PHR	d1			1975	1600	342	0.00	---	No
203	PHR	v3			4300	1600	321	0.00	---	No
204	PHR	v1			3500	1600	321	0.00	---	No
205	PHR	v1			3500	1600	322	0.00	---	No
206	PHR	v1			3500	1600	321	0.00	---	No
207	PHR	v1			3500	1600	322	0.00	---	No
208	PHR	v1			3500	1600	321	0.00	---	No
209	PHR	v1			3500	1600	322	0.00	---	No
210	PHR	v2			3500	1600	321	0.00	---	No
211	PHR	v2			3500	1600	355	0.00	---	No
212	PHR	m1i			2160	1600	753	0.00	---	No
213	PHR	v1			3500	1600	355	0.00	---	No
214	PHR	v1			3500	1600	355	0.00	---	No
215	PHR	v1			3500	1600	355	0.00	---	No
216	PHR	v1			3500	1600	355	0.00	---	No
217	PHR	v1			3500	1600	355	0.00	---	No
218	PHR	v3			4300	1600	355	0.00	---	No
219	PHR	v3			4300	1600	355	0.00	---	No
220	PHR	v3			4300	1600	355	0.00	---	No
221	PHR	d1			1975	1600	379	0.00	---	No
222	PHR	v1			3500	1600	355	0.00	---	No
223	PHR	v1			3500	1600	355	0.00	---	No
224	PHR	v3			4300	1600	355	0.00	---	No
225	PHR	v3			4300	1600	355	0.00	---	No
226	PHR	d1			1975	1600	379	0.00	---	No
227	PHR	v3			4300	1600	355	0.00	---	No
228	PHR	v1			3500	1600	355	0.00	---	No
229	PHR	v1			3500	1600	355	0.00	---	No
230	PHR	v1			3500	1600	355	0.00	---	No
231	PHR	v1			3500	1600	355	0.00	---	No
232	PHR	v1			3500	1600	355	0.00	---	No
233	PHR	v2			3500	1600	355	0.00	---	No
234	PHR	v2			3500	1600	357	0.00	---	No
235	PHR	v1			3500	1600	487	0.00	---	No
236	PHR	m2i			2160	2570	753	0.00	---	No
237	PHR	v1			3500	1600	357	0.00	---	No
238	PHR	v1			3500	1600	357	0.00	---	No
239	PHR	v1			3500	1600	358	0.00	---	No
240	PHR	v1			3500	1600	357	0.00	---	No
241	PHR	v1			3500	1600	357	0.00	---	No
242	PHR	v3			4300	1600	357	0.00	---	No
243	PHR	v3			4300	1600	357	0.00	---	No
244	PHR	v3			4300	1600	357	0.00	---	No
245	PHR	d1			1975	1600	380	0.00	---	No
246	PHR	v1			3500	1600	357	0.00	---	No
247	PHR	v1			3500	1600	358	0.00	---	No
248	PHR	v1			3500	1600	357	0.00	---	No
249	PHR	v3			4300	1600	357	0.00	---	No
250	PHR	v3			4300	1600	357	0.00	---	No
251	PHR	d1			1975	1600	380	0.00	---	No
252	PHR	v3			4300	1600	357	0.00	---	No
253	PHR	v1			3500	1600	357	0.00	---	No
254	PHR	v1			3500	1600	357	0.00	---	No
255	PHR	v1			3500	1600	358	0.00	---	No
256	PHR	v1			3500	1600	357	0.00	---	No
257	PHR	v1			3500	1600	357	0.00	---	No
258	PHR	v2			3500	1600	357	0.00	---	No
259	PHR	v2			3500	1600	355	0.00	---	No
260	PHR	v1			3500	1600	270	0.00	---	No
261	PHR	m2i			2160	2570	753	0.00	---	No
262	PHR	v1			3500	1600	355	0.00	---	No
263	PHR	v1			3500	1600	355	0.00	---	No
264	PHR	v1			3500	1600	355	0.00	---	No
265	PHR	v1			3500	1600	355	0.00	---	No
266	PHR	v1			3500	1600	355	0.00	---	No
267	PHR	v3			4300	1600	355	0.00	---	No
268	PHR	v3			4300	1600	355	0.00	---	No
269	PHR	v3			4300	1600	355	0.00	---	No
270	PHR	d1			1975	1600	379	0.00	---	No
271	PHR	v1			3500	1600	355	0.00	---	No
272	PHR	v1			3500	1600	355	0.00	---	No
273	PHR	v3			4300	1600	355	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
274	PHR	v3			4300	1600	355	0.00	---	No
275	PHR	d1			1975	1600	379	0.00	---	No
276	PHR	v3			4300	1600	355	0.00	---	No
277	PHR	v1			3500	1600	355	0.00	---	No
278	PHR	v1			3500	1600	355	0.00	---	No
279	PHR	v1			3500	1600	355	0.00	---	No
280	PHR	v1			3500	1600	355	0.00	---	No
281	PHR	v1			3500	1600	355	0.00	---	No
282	PHR	v2			3500	1600	355	0.00	---	No
283	PHR	v2			3500	1600	321	0.00	---	No
284	PHR	m1i			2160	1600	753	0.00	---	No
285	PHR	v1			3500	1600	322	0.00	---	No
286	PHR	v1			3500	1600	321	0.00	---	No
287	PHR	v1			3500	1600	322	0.00	---	No
288	PHR	v1			3500	1600	321	0.00	---	No
289	PHR	v1			3500	1600	322	0.00	---	No
290	PHR	v1			3500	1600	321	0.00	---	No
291	PHR	v3			4300	1600	321	0.00	---	No
292	PHR	v3			4300	1600	322	0.00	---	No
293	PHR	v3			4300	1600	321	0.00	---	No
294	PHR	d1			1975	1600	342	0.00	---	No
295	PHR	v1			3500	1600	322	0.00	---	No
296	PHR	v1			3500	1600	321	0.00	---	No
297	PHR	v1			3500	1600	322	0.00	---	No
298	PHR	v1			3500	1600	321	0.00	---	No
299	PHR	d1			1975	1600	341	0.00	---	No
300	PHR	d1			1975	1600	341	0.00	---	No
301	PHR	d1			1975	1600	341	0.00	---	No
302	PHR	d1			1975	1600	341	0.00	---	No
303	PHR	d1			1975	1600	381	180.00	---	No
304	PHR	d1			1975	1600	381	180.00	---	No
305	PHR	d1			1975	1600	381	180.00	---	No
306	PHR	d1			1975	1600	381	180.00	---	No
307	PHR	d1			1975	1600	379	180.00	---	No
308	PHR	d1			1975	1600	379	180.00	---	No
309	PHR	d1			1975	1600	379	180.00	---	No
310	PHR	d1			1975	1600	379	180.00	---	No
311	PHR	d1			1975	1600	379	180.00	---	No
312	PHR	d1			1975	1600	379	180.00	---	No
313	PHR	d1			1975	1600	379	180.00	---	No
314	PHR	d1			1975	1600	379	180.00	---	No
315	PHR	d1			1975	1600	341	0.00	---	No
316	PHR	d1			1975	1600	341	0.00	---	No
317	PHR	d1			1975	1600	341	0.00	---	No
318	PHR	d1			1975	1600	341	0.00	---	No
319	PHR	d1			1975	1600	383	180.00	---	No
320	PHR	d1			1975	1600	383	180.00	---	No
321	PHR	d1			1975	1600	383	180.00	---	No
322	PHR	d1			1975	1600	383	180.00	---	No
323	PHR	d1			1975	1600	381	180.00	---	No
324	PHR	d1			1975	1600	381	180.00	---	No
325	PHR	d1			1975	1600	381	180.00	---	No
326	PHR	d1			1975	1600	381	180.00	---	No
327	PHR	d1			1975	1600	381	180.00	---	No
328	PHR	d1			1975	1600	381	180.00	---	No
329	PHR	d1			1975	1600	381	180.00	---	No
330	PHR	d1			1975	1600	381	180.00	---	No
331	PHR	d1			1975	1600	350	0.00	---	No
332	PHR	d1			1975	1600	350	0.00	---	No
333	PHR	d1			1975	1600	350	0.00	---	No
334	PHR	d1			1975	1600	350	0.00	---	No
335	PHR	d1			1975	1600	392	180.00	---	No
336	PHR	d1			1975	1600	392	180.00	---	No
337	PHR	d1			1975	1600	392	180.00	---	No
338	PHR	d1			1975	1600	392	180.00	---	No
339	PHR	d1			1975	1600	390	180.00	---	No
340	PHR	d1			1975	1600	390	180.00	---	No
341	PHR	d1			1975	1600	390	180.00	---	No
342	PHR	d1			1975	1600	390	180.00	---	No
343	PHR	d1			1975	1600	390	180.00	---	No
344	PHR	d1			1975	1600	390	180.00	---	No
345	PHR	d1			1975	1600	390	180.00	---	No
346	PHR	d1			1975	1600	390	180.00	---	No
347	PHR	d1			1975	1600	357	0.00	---	No
348	PHR	d1			1975	1600	357	0.00	---	No
349	PHR	d1			1975	1600	357	0.00	---	No
350	PHR	d1			1975	1600	357	0.00	---	No
351	PHR	d1			1975	1600	405	180.00	---	No
352	PHR	d1			1975	1600	405	180.00	---	No
353	PHR	d1			1975	1600	405	180.00	---	No
354	PHR	d1			1975	1600	405	180.00	---	No
355	PHR	d1			1975	1600	402	180.00	---	No
356	PHR	d1			1975	1600	402	180.00	---	No
357	PHR	d1			1975	1600	402	180.00	---	No
358	PHR	d1			1975	1600	402	180.00	---	No
359	PHR	d1			1975	1600	402	180.00	---	No
360	PHR	d1			1975	1600	402	180.00	---	No
361	PHR	d1			1975	1600	402	180.00	---	No
362	PHR	d1			1975	1600	402	180.00	---	No
363	PHR	d1			1975	1600	368	0.00	---	No
364	PHR	d1			1975	1600	368	0.00	---	No
365	PHR	d1			1975	1600	368	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
366	PHR	d1			1975	1600	368	0.00	---	No
367	PHR	m1s			2670	1600	753	180.00	---	No
368	PHR	m2s			2670	1920	753	180.00	---	No
369	PHR	m2s			2670	1920	753	180.00	---	No
370	PHR	m1s			2670	1600	753	180.00	---	No
371	PHR	m1s			2670	1600	753	180.00	---	No
372	PHR	m2s			2670	1920	753	180.00	---	No
373	PHR	m2s			2670	1920	753	180.00	---	No
374	PHR	m1s			2670	1600	753	180.00	---	No
375	PHR	d1			1975	1600	418	180.00	---	No
376	PHR	d1			1975	1600	418	180.00	---	No
377	PHR	d1			1975	1600	418	180.00	---	No
378	PHR	d1			1975	1600	418	180.00	---	No
379	PHR	d1			1975	1600	416	180.00	---	No
380	PHR	d1			1975	1600	416	180.00	---	No
381	PHR	d1			1975	1600	416	180.00	---	No
382	PHR	d1			1975	1600	416	180.00	---	No
383	PHR	d1			1975	1600	416	180.00	---	No
384	PHR	d1			1975	1600	416	180.00	---	No
385	PHR	d1			1975	1600	416	180.00	---	No
386	PHR	d1			1975	1600	416	180.00	---	No
387	PHR	d1			1975	1600	379	0.00	---	No
388	PHR	d1			1975	1600	379	0.00	---	No
389	PHR	d1			1975	1600	379	0.00	---	No
390	PHR	d1			1975	1600	379	0.00	---	No
391	PHR	d1			1975	1600	435	180.00	---	No
392	PHR	d1			1975	1600	435	180.00	---	No
393	PHR	d1			1975	1600	435	180.00	---	No
394	PHR	d1			1975	1600	435	180.00	---	No
395	PHR	d1			1975	1600	433	180.00	---	No
396	PHR	d1			1975	1600	433	180.00	---	No
397	PHR	d1			1975	1600	433	180.00	---	No
398	PHR	d1			1975	1600	433	180.00	---	No
399	PHR	d1			1975	1600	433	180.00	---	No
400	PHR	d1			1975	1600	433	180.00	---	No
401	PHR	d1			1975	1600	433	180.00	---	No
402	PHR	d1			1975	1600	433	180.00	---	No
403	PHR	d1			1975	1600	395	0.00	---	No
404	PHR	d1			1975	1600	395	0.00	---	No
405	PHR	d1			1975	1600	395	0.00	---	No
406	PHR	d1			1975	1600	395	0.00	---	No
407	PHR	v4			2500	1600	457	0.00	---	No
408	PHR	v4			2500	1600	457	0.00	---	No
409	PHR	v4			2500	1600	457	0.00	---	No
410	PHR	v4			2500	1600	457	0.00	---	No
411	PHR	v4			2500	1600	455	0.00	---	No
412	PHR	v4			2500	1600	455	0.00	---	No
413	PHR	v4			2500	1600	455	0.00	---	No
414	PHR	v4			2500	1600	455	0.00	---	No
415	PHR	v4			2500	1600	455	0.00	---	No
416	PHR	v4			2500	1600	455	0.00	---	No
417	PHR	v4			2500	1600	455	0.00	---	No
418	PHR	v4			2500	1600	455	0.00	---	No
419	PHR	v4			2500	1600	412	0.00	---	No
420	PHR	v4			2500	1600	412	0.00	---	No
421	PHR	v4			2500	1600	412	0.00	---	No
422	PHR	v4			2500	1600	412	0.00	---	No
423	PHR	Tr1s			750	1200	1560	270.00	---	No
424	PHR	Tr1s			750	1200	1560	-90.00	---	No
425	PHR	Tr1s			750	1200	1560	-90.00	---	No
426	PHR	Tr1s			750	1200	1560	-90.00	---	No
427	HOR	450x35			350	4500	321	0.00	---	No
428	IPE	H100			1400	550	555	0.00	---	No
429	IPE	H100			1400	550	555	0.00	---	No
430	HOR	450x35			350	4500	321	0.00	---	No
431	IPE	H100			1400	550	450	0.00	---	No
432	IPE	H100			1400	550	450	0.00	---	No
433	HOR	450x35			350	4500	322	0.00	---	No
434	IPE	H100			1400	550	555	0.00	---	No
435	HOR	450x35			350	4500	322	0.00	---	No
436	IPE	H100			1400	550	450	0.00	---	No
437	HOR	450x35			350	4500	321	0.00	---	No
438	IPE	H100			1400	550	555	0.00	---	No
439	HOR	450x35			350	4500	321	0.00	---	No
440	IPE	H100			1400	550	450	0.00	---	No
441	HOR	450x35			350	4500	322	0.00	---	No
442	IPE	H100			1400	550	555	0.00	---	No
443	HOR	450x35			350	4500	322	0.00	---	No
444	IPE	H100			1400	550	450	0.00	---	No
445	HOR	450x35			350	4500	321	0.00	---	No
446	IPE	H100			1400	550	555	0.00	---	No
447	HOR	450x35			350	4500	321	0.00	---	No
448	IPE	H100			1400	550	450	0.00	---	No
449	HOR	450x35			350	4500	322	0.00	---	No
450	IPE	H100			1400	550	555	0.00	---	No
451	HOR	450x35			350	4500	322	0.00	---	No
452	IPE	H100			1400	550	450	0.00	---	No
453	HOR	450x35			350	4500	321	0.00	---	No
454	IPE	H100			1400	550	555	0.00	---	No
455	HOR	450x35			350	4500	321	0.00	---	No
456	IPE	H100			1400	550	450	0.00	---	No
457	HOR	450x35			350	4500	321	0.00	---	No
458	IPE	H100			1400	550	555	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
459	HOR	450x35			350	4500	321	0.00	---	No
460	IPE	H100			1400	550	450	0.00	---	No
461	HOR	450x35			350	4500	322	0.00	---	No
462	IPE	H100			1400	550	555	0.00	---	No
463	HOR	450x35			350	4500	322	0.00	---	No
464	IPE	H100			1400	550	450	0.00	---	No
465	HOR	450x35			350	4500	321	0.00	---	No
466	IPE	H100			1400	550	555	0.00	---	No
467	HOR	450x35			350	4500	321	0.00	---	No
468	IPE	H100			1400	550	450	0.00	---	No
469	HOR	450x35			350	4500	322	0.00	---	No
470	IPE	H100			1400	550	555	0.00	---	No
471	HOR	450x35			350	4500	322	0.00	---	No
472	IPE	H100			1400	550	450	0.00	---	No
473	HOR	450x35			350	4500	321	0.00	---	No
474	IPE	H100			1400	550	555	0.00	---	No
475	HOR	450x35			350	4500	321	0.00	---	No
476	IPE	H100			1400	550	450	0.00	---	No
477	HOR	450x35			350	4500	322	0.00	---	No
478	IPE	H100			1400	550	555	0.00	---	No
479	HOR	450x35			350	4500	322	0.00	---	No
480	IPE	H100			1400	550	450	0.00	---	No
481	HOR	450x35			350	4500	321	0.00	---	No
482	PHR	v1			3500	1600	555	0.00	---	No
483	HOR	450x35			350	4500	321	0.00	---	No
484	PHR	v1			3500	1600	450	0.00	---	No
485	HOR	450x35			350	4500	355	0.00	---	No
486	IPE	H100			1400	550	555	0.00	---	No
487	HOR	450x35			350	4500	355	0.00	---	No
488	IPE	H100			1400	550	450	0.00	---	No
489	HOR	450x35			350	4500	355	0.00	---	No
490	IPE	H100			1400	550	555	0.00	---	No
491	HOR	450x35			350	4500	355	0.00	---	No
492	IPE	H100			1400	550	450	0.00	---	No
493	HOR	450x35			350	4500	355	0.00	---	No
494	IPE	H100			1400	550	555	0.00	---	No
495	HOR	450x35			350	4500	355	0.00	---	No
496	IPE	H100			1400	550	450	0.00	---	No
497	HOR	450x35			350	4500	355	0.00	---	No
498	IPE	H100			1400	550	555	0.00	---	No
499	HOR	450x35			350	4500	355	0.00	---	No
500	IPE	H100			1400	550	450	0.00	---	No
501	HOR	450x35			350	4500	355	0.00	---	No
502	IPE	H100			1400	550	555	0.00	---	No
503	HOR	450x35			350	4500	355	0.00	---	No
504	IPE	H100			1400	550	450	0.00	---	No
505	HOR	450x35			350	4500	355	0.00	---	No
506	IPE	H100			1400	550	555	0.00	---	No
507	HOR	450x35			350	4500	355	0.00	---	No
508	IPE	H100			1400	550	450	0.00	---	No
509	HOR	450x35			350	4500	355	0.00	---	No
510	IPE	H100			1400	550	555	0.00	---	No
511	HOR	450x35			350	4500	355	0.00	---	No
512	IPE	H100			1400	550	450	0.00	---	No
513	HOR	450x35			350	4500	355	0.00	---	No
514	IPE	H100			1400	550	555	0.00	---	No
515	HOR	450x35			350	4500	355	0.00	---	No
516	IPE	H100			1400	550	450	0.00	---	No
517	HOR	450x35			350	4500	355	0.00	---	No
518	IPE	H100			1400	550	555	0.00	---	No
519	HOR	450x35			350	4500	355	0.00	---	No
520	IPE	H100			1400	550	450	0.00	---	No
521	HOR	450x35			350	4500	355	0.00	---	No
522	IPE	H100			1400	550	555	0.00	---	No
523	HOR	450x35			350	4500	355	0.00	---	No
524	IPE	H100			1400	550	450	0.00	---	No
525	HOR	450x35			350	4500	355	0.00	---	No
526	IPE	H100			1400	550	555	0.00	---	No
527	HOR	450x35			350	4500	355	0.00	---	No
528	IPE	H100			1400	550	450	0.00	---	No
529	HOR	450x35			350	4500	355	0.00	---	No
530	IPE	H100			1400	550	555	0.00	---	No
531	HOR	450x35			350	4500	355	0.00	---	No
532	IPE	H100			1400	550	450	0.00	---	No
533	HOR	450x35			350	4500	355	0.00	---	No
534	IPE	H100			1400	550	555	0.00	---	No
535	HOR	450x35			350	4500	355	0.00	---	No
536	IPE	H100			1400	550	450	0.00	---	No
537	HOR	450x35			350	4500	355	0.00	---	No
538	IPE	H100			1400	550	555	0.00	---	No
539	HOR	450x35			350	4500	355	0.00	---	No
540	IPE	H100			1400	550	450	0.00	---	No
541	HOR	450x35			350	4500	355	0.00	---	No
542	IPE	H100			1400	550	555	0.00	---	No
543	HOR	450x35			350	4500	355	0.00	---	No
544	IPE	H100			1400	550	450	0.00	---	No
545	HOR	450x35			350	4500	355	0.00	---	No
546	IPE	H100			1400	550	555	0.00	---	No
547	HOR	450x35			350	4500	355	0.00	---	No
548	IPE	H100			1400	550	450	0.00	---	No
549	HOR	450x35			350	4500	355	0.00	---	No
550	IPE	H100			1400	550	555	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
551	HOR	450x35			350	4500	355	0.00	---	No
552	IPE	H100			1400	550	450	0.00	---	No
553	HOR	450x35			350	4500	355	0.00	---	No
554	IPE	H100			1400	550	555	0.00	---	No
555	HOR	450x35			350	4500	355	0.00	---	No
556	IPE	H100			1400	550	450	0.00	---	No
557	HOR	450x35			350	4500	355	0.00	---	No
558	IPE	H100			1400	550	555	0.00	---	No
559	HOR	450x35			350	4500	355	0.00	---	No
560	IPE	H100			1400	550	450	0.00	---	No
561	HOR	450x35			350	4500	355	0.00	---	No
562	PHR	v5			1100	2060	555	0.00	---	No
563	HOR	450x35			350	4500	355	0.00	---	No
564	PHR	v5			1100	2060	450	0.00	---	No
565	HOR	450x35			350	4500	357	0.00	---	No
566	IPE	H100			1400	550	555	0.00	---	No
567	HOR	450x35			350	4500	357	0.00	---	No
568	IPE	H100			1400	550	450	0.00	---	No
569	HOR	450x35			350	4500	357	0.00	---	No
570	IPE	H100			1400	550	555	0.00	---	No
571	HOR	450x35			350	4500	357	0.00	---	No
572	IPE	H100			1400	550	450	0.00	---	No
573	HOR	450x35			350	4500	357	0.00	---	No
574	IPE	H100			1400	550	555	0.00	---	No
575	HOR	450x35			350	4500	357	0.00	---	No
576	IPE	H100			1400	550	450	0.00	---	No
577	HOR	450x35			350	4500	358	0.00	---	No
578	IPE	H100			1400	550	555	0.00	---	No
579	HOR	450x35			350	4500	358	0.00	---	No
580	IPE	H100			1400	550	450	0.00	---	No
581	HOR	450x35			350	4500	357	0.00	---	No
582	IPE	H100			1400	550	555	0.00	---	No
583	HOR	450x35			350	4500	357	0.00	---	No
584	IPE	H100			1400	550	450	0.00	---	No
585	HOR	450x35			350	4500	357	0.00	---	No
586	IPE	H100			1400	550	555	0.00	---	No
587	HOR	450x35			350	4500	357	0.00	---	No
588	IPE	H100			1400	550	450	0.00	---	No
589	HOR	450x35			350	4500	357	0.00	---	No
590	IPE	H100			1400	550	555	0.00	---	No
591	HOR	450x35			350	4500	357	0.00	---	No
592	IPE	H100			1400	550	450	0.00	---	No
593	HOR	450x35			350	4500	357	0.00	---	No
594	IPE	H100			1400	550	555	0.00	---	No
595	HOR	450x35			350	4500	357	0.00	---	No
596	IPE	H100			1400	550	450	0.00	---	No
597	HOR	450x35			350	4500	357	0.00	---	No
598	IPE	H100			1400	550	555	0.00	---	No
599	HOR	450x35			350	4500	357	0.00	---	No
600	IPE	H100			1400	550	450	0.00	---	No
601	HOR	450x35			350	4500	357	0.00	---	No
602	IPE	H100			1400	550	555	0.00	---	No
603	HOR	450x35			350	4500	357	0.00	---	No
604	IPE	H100			1400	550	450	0.00	---	No
605	HOR	450x35			350	4500	358	0.00	---	No
606	IPE	H100			1400	550	555	0.00	---	No
607	HOR	450x35			350	4500	358	0.00	---	No
608	IPE	H100			1400	550	450	0.00	---	No
609	HOR	450x35			350	4500	357	0.00	---	No
610	IPE	H100			1400	550	555	0.00	---	No
611	HOR	450x35			350	4500	357	0.00	---	No
612	IPE	H100			1400	550	450	0.00	---	No
613	HOR	450x35			350	4500	357	0.00	---	No
614	IPE	H100			1400	550	555	0.00	---	No
615	HOR	450x35			350	4500	357	0.00	---	No
616	IPE	H100			1400	550	450	0.00	---	No
617	HOR	450x35			350	4500	357	0.00	---	No
618	IPE	H100			1400	550	555	0.00	---	No
619	HOR	450x35			350	4500	357	0.00	---	No
620	IPE	H100			1400	550	450	0.00	---	No
621	HOR	450x35			350	4500	357	0.00	---	No
622	IPE	H100			1400	550	555	0.00	---	No
623	HOR	450x35			350	4500	357	0.00	---	No
624	IPE	H100			1400	550	450	0.00	---	No
625	HOR	450x35			350	4500	357	0.00	---	No
626	IPE	H100			1400	550	555	0.00	---	No
627	HOR	450x35			350	4500	357	0.00	---	No
628	IPE	H100			1400	550	450	0.00	---	No
629	HOR	450x35			350	4500	357	0.00	---	No
630	IPE	H100			1400	550	555	0.00	---	No
631	HOR	450x35			350	4500	357	0.00	---	No
632	IPE	H100			1400	550	450	0.00	---	No
633	HOR	450x35			350	4500	358	0.00	---	No
634	IPE	H100			1400	550	555	0.00	---	No
635	HOR	450x35			350	4500	358	0.00	---	No
636	IPE	H100			1400	550	450	0.00	---	No
637	HOR	450x35			350	4500	357	0.00	---	No
638	IPE	H100			1400	550	555	0.00	---	No
639	HOR	450x35			350	4500	357	0.00	---	No
640	IPE	H100			1400	550	450	0.00	---	No
641	HOR	450x35			350	4500	357	0.00	---	No
642	IPE	H100			1400	550	555	0.00	---	No
643	HOR	450x35			350	4500	357	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
644	IPE	H100			1400	550	450	0.00	---	No
645	HOR	450x35			350	4500	357	0.00	---	No
646	PHR	v5			1100	2060	555	0.00	---	No
647	HOR	450x35			350	4500	357	0.00	---	No
648	PHR	v5			1100	2060	450	0.00	---	No
649	HOR	450x35			350	4500	355	0.00	---	No
650	IPE	H100			1400	550	555	0.00	---	No
651	HOR	450x35			350	4500	355	0.00	---	No
652	IPE	H100			1400	550	450	0.00	---	No
653	HOR	450x35			350	4500	355	0.00	---	No
654	IPE	H100			1400	550	555	0.00	---	No
655	HOR	450x35			350	4500	355	0.00	---	No
656	IPE	H100			1400	550	450	0.00	---	No
657	HOR	450x35			350	4500	355	0.00	---	No
658	IPE	H100			1400	550	555	0.00	---	No
659	HOR	450x35			350	4500	355	0.00	---	No
660	IPE	H100			1400	550	450	0.00	---	No
661	HOR	450x35			350	4500	355	0.00	---	No
662	IPE	H100			1400	550	555	0.00	---	No
663	HOR	450x35			350	4500	355	0.00	---	No
664	IPE	H100			1400	550	450	0.00	---	No
665	HOR	450x35			350	4500	355	0.00	---	No
666	IPE	H100			1400	550	555	0.00	---	No
667	HOR	450x35			350	4500	355	0.00	---	No
668	IPE	H100			1400	550	450	0.00	---	No
669	HOR	450x35			350	4500	355	0.00	---	No
670	IPE	H100			1400	550	555	0.00	---	No
671	HOR	450x35			350	4500	355	0.00	---	No
672	IPE	H100			1400	550	450	0.00	---	No
673	HOR	450x35			350	4500	355	0.00	---	No
674	IPE	H100			1400	550	555	0.00	---	No
675	HOR	450x35			350	4500	355	0.00	---	No
676	IPE	H100			1400	550	450	0.00	---	No
677	HOR	450x35			350	4500	355	0.00	---	No
678	IPE	H100			1400	550	555	0.00	---	No
679	HOR	450x35			350	4500	355	0.00	---	No
680	IPE	H100			1400	550	450	0.00	---	No
681	HOR	450x35			350	4500	355	0.00	---	No
682	IPE	H100			1400	550	555	0.00	---	No
683	HOR	450x35			350	4500	355	0.00	---	No
684	IPE	H100			1400	550	450	0.00	---	No
685	HOR	450x35			350	4500	355	0.00	---	No
686	IPE	H100			1400	550	555	0.00	---	No
687	HOR	450x35			350	4500	355	0.00	---	No
688	IPE	H100			1400	550	450	0.00	---	No
689	HOR	450x35			350	4500	355	0.00	---	No
690	IPE	H100			1400	550	555	0.00	---	No
691	HOR	450x35			350	4500	355	0.00	---	No
692	IPE	H100			1400	550	450	0.00	---	No
693	HOR	450x35			350	4500	355	0.00	---	No
694	IPE	H100			1400	550	555	0.00	---	No
695	HOR	450x35			350	4500	355	0.00	---	No
696	IPE	H100			1400	550	450	0.00	---	No
697	HOR	450x35			350	4500	355	0.00	---	No
698	IPE	H100			1400	550	555	0.00	---	No
699	HOR	450x35			350	4500	355	0.00	---	No
700	IPE	H100			1400	550	450	0.00	---	No
701	HOR	450x35			350	4500	355	0.00	---	No
702	IPE	H100			1400	550	555	0.00	---	No
703	HOR	450x35			350	4500	355	0.00	---	No
704	IPE	H100			1400	550	450	0.00	---	No
705	HOR	450x35			350	4500	355	0.00	---	No
706	IPE	H100			1400	550	555	0.00	---	No
707	HOR	450x35			350	4500	355	0.00	---	No
708	IPE	H100			1400	550	450	0.00	---	No
709	HOR	450x35			350	4500	355	0.00	---	No
710	IPE	H100			1400	550	555	0.00	---	No
711	HOR	450x35			350	4500	355	0.00	---	No
712	IPE	H100			1400	550	450	0.00	---	No
713	HOR	450x35			350	4500	355	0.00	---	No
714	IPE	H100			1400	550	555	0.00	---	No
715	HOR	450x35			350	4500	355	0.00	---	No
716	IPE	H100			1400	550	450	0.00	---	No
717	HOR	450x35			350	4500	355	0.00	---	No
718	IPE	H100			1400	550	555	0.00	---	No
719	HOR	450x35			350	4500	355	0.00	---	No
720	IPE	H100			1400	550	450	0.00	---	No
721	HOR	450x35			350	4500	355	0.00	---	No
722	IPE	H100			1400	550	555	0.00	---	No
723	HOR	450x35			350	4500	355	0.00	---	No
724	IPE	H100			1400	550	450	0.00	---	No
725	HOR	450x35			350	4500	355	0.00	---	No
726	PHR	v5			1100	2060	339	0.00	---	No
727	HOR	450x35			350	4500	355	0.00	---	No
728	PHR	v5			1100	2060	450	0.00	---	No
729	HOR	450x35			350	4500	321	0.00	---	No
730	IPE	H100			1400	550	555	0.00	---	No
731	HOR	450x35			350	4500	321	0.00	---	No
732	IPE	H100			1400	550	450	0.00	---	No
733	HOR	450x35			350	4500	322	0.00	---	No
734	IPE	H100			1400	550	555	0.00	---	No
735	HOR	450x35			350	4500	322	0.00	---	No

BARRA	SERIE	NOMBRE	SERIE CALC.	NOMBRE CALC.	Hmm	Bmm	Lcm	beta	Sim.Yp	Aligerado
736	IPE	H100			1400	550	450	0.00	---	No
737	HOR	450x35			350	4500	321	0.00	---	No
738	IPE	H100			1400	550	555	0.00	---	No
739	HOR	450x35			350	4500	321	0.00	---	No
740	IPE	H100			1400	550	450	0.00	---	No
741	HOR	450x35			350	4500	322	0.00	---	No
742	IPE	H100			1400	550	555	0.00	---	No
743	HOR	450x35			350	4500	322	0.00	---	No
744	IPE	H100			1400	550	450	0.00	---	No
745	HOR	450x35			350	4500	321	0.00	---	No
746	IPE	H100			1400	550	555	0.00	---	No
747	HOR	450x35			350	4500	321	0.00	---	No
748	IPE	H100			1400	550	450	0.00	---	No
749	HOR	450x35			350	4500	322	0.00	---	No
750	IPE	H100			1400	550	555	0.00	---	No
751	HOR	450x35			350	4500	322	0.00	---	No
752	IPE	H100			1400	550	450	0.00	---	No
753	HOR	450x35			350	4500	321	0.00	---	No
754	IPE	H100			1400	550	555	0.00	---	No
755	HOR	450x35			350	4500	321	0.00	---	No
756	IPE	H100			1400	550	450	0.00	---	No
757	HOR	450x35			350	4500	321	0.00	---	No
758	IPE	H100			1400	550	555	0.00	---	No
759	HOR	450x35			350	4500	321	0.00	---	No
760	IPE	H100			1400	550	450	0.00	---	No
761	HOR	450x35			350	4500	322	0.00	---	No
762	IPE	H100			1400	550	555	0.00	---	No
763	HOR	450x35			350	4500	322	0.00	---	No
764	IPE	H100			1400	550	450	0.00	---	No
765	HOR	450x35			350	4500	321	0.00	---	No
766	IPE	H100			1400	550	555	0.00	---	No
767	HOR	450x35			350	4500	321	0.00	---	No
768	IPE	H100			1400	550	450	0.00	---	No
769	HOR	450x35			350	4500	322	0.00	---	No
770	IPE	H100			1400	550	555	0.00	---	No
771	HOR	450x35			350	4500	322	0.00	---	No
772	IPE	H100			1400	550	450	0.00	---	No
773	HOR	450x35			350	4500	321	0.00	---	No
774	IPE	H100			1400	550	555	0.00	---	No
775	HOR	450x35			350	4500	321	0.00	---	No
776	IPE	H100			1400	550	450	0.00	---	No
777	HOR	450x35			350	4500	322	0.00	---	No
778	IPE	H100			1400	550	555	0.00	---	No
779	HOR	450x35			350	4500	322	0.00	---	No
780	IPE	H100			1400	550	450	0.00	---	No
781	HOR	450x35			350	4500	321	0.00	---	No
782	IPE	H100			1400	550	555	0.00	---	No
783	HOR	450x35			350	4500	321	0.00	---	No
784	IPE	H100			1400	550	450	0.00	---	No

6- CARGAS

LISTADO DE CARGAS

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
1	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
2	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
3	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
4	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
5	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
6	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
6	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
7	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
8	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
8	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
9	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
10	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
10	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
11	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
12	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
12	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
13	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
14	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
14	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
15	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
16	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
17	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
17	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
18	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
19	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
19	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
20	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
21	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
21	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
22	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
23	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
23	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
24	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
25	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
25	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
26	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
27	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
27	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
28	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
29	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
29	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
30	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
31	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
31	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
32	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
33	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
34	QC(kg/m)	1168			(+0.00,-1.00,+0.00)	0	G
35	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
36	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
36	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
37	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
38	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
38	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
39	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
40	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
40	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
41	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
42	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
42	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
43	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
44	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
44	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
45	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
46	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
46	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
47	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
48	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
48	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
49	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
50	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
50	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
51	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
52	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
53	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
53	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
54	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
55	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
55	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
56	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
57	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
57	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
58	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
59	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
59	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
60	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
61	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
62	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
62	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
63	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
64	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
64	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
65	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
66	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
66	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
67	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
68	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
68	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
69	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
70	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
70	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
71	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
72	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
72	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
73	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
74	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
74	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
75	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
76	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
76	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
77	QC(kg/m)	3702			(+0.00,-1.00,+0.00)	0	G
78	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
79	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
79	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
80	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
81	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
81	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
82	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
83	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
83	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
84	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
85	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
85	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
86	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
87	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
87	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
88	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
89	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
89	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
90	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
91	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
91	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
92	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
93	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
93	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
94	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
95	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
96	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
96	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
97	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
98	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
98	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
99	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
100	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
100	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
101	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
102	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
102	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
103	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
104	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
104	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
105	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
106	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
107	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
107	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
108	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
109	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
109	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
110	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
111	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
111	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
112	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
113	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
113	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
114	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
115	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
115	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
116	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
117	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
117	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
118	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
119	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
119	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
120	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
121	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
121	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
122	QC(kg/m)	3702			(+0.00,-1.00,+0.00)	0	G
123	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
124	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
124	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
125	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
126	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
126	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
127	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
128	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
128	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
129	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
130	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
130	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
131	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
132	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
132	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
133	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
134	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
134	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
135	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
136	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
136	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
137	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
138	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
138	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
139	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
140	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
141	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
141	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
142	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
143	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
143	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
144	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
145	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
145	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
146	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
147	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
147	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
148	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
149	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
150	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
150	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
151	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
152	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
152	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
153	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
154	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
154	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
155	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
156	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
156	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
157	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
158	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
158	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
159	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
160	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
160	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
161	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
162	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
162	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
163	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
164	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
164	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
165	QC(kg/m)	1168			(+0.00,-1.00,+0.00)	0	G
166	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
167	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
167	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
168	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
169	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
169	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
170	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
171	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
171	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
172	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
173	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
173	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
174	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
175	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
175	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
176	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
177	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
177	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
178	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
179	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
179	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
180	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
181	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
181	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
182	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
183	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
183	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
184	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
185	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
186	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
186	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
187	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
188	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
188	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
189	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
190	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
190	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
191	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
192	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
192	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
193	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
193	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
194	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
194	QD(kg/m)	3478	60	275	(+0.00,-1.00,+0.00)	0	G
195	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
196	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
197	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
198	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
199	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
200	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
201	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
202	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
203	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
204	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
205	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
206	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
207	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
208	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
209	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
210	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
211	QC(kg/m)	1711			(+0.00,-1.00,+0.00)	0	G
212	QC(kg/m)	1168			(+0.00,-1.00,+0.00)	0	G
213	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
214	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
215	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
216	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
217	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
218	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
219	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
220	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
221	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
222	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
223	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
224	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
225	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
226	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
227	QC(kg/m)	1629			(+0.00,-1.00,+0.00)	0	G
228	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
229	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
230	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
231	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA	a(cm)	l(cm)	Dirección	HIP	Id
232	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
233	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
234	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
235	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
236	QC(kg/m)	3702		(+0.00,-1.00,+0.00)	0	G
237	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
238	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
239	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
240	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
241	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
242	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
243	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
244	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
245	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
246	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
247	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
248	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
249	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
250	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
251	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
252	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
253	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
254	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
255	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
256	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
257	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
258	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
259	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
260	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
261	QC(kg/m)	3702		(+0.00,-1.00,+0.00)	0	G
262	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
263	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
264	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
265	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
266	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
267	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
268	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
269	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
270	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
271	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
272	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
273	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
274	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
275	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
276	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
277	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
278	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
279	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
280	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
281	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
282	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
283	QC(kg/m)	1711		(+0.00,-1.00,+0.00)	0	G
284	QC(kg/m)	1168		(+0.00,-1.00,+0.00)	0	G
285	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
286	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
287	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA	a(cm)	l(cm)	Dirección	HIP	Id
288	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
289	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
290	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
291	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
292	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
293	QC(kg/m)	1629		(+0.00,-1.00,+0.00)	0	G
294	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
295	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
296	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
297	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
298	QC(kg/m)	1440		(+0.00,-1.00,+0.00)	0	G
299	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
300	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
301	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
302	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
303	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
304	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
305	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
306	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
307	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
308	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
309	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
310	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
311	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
312	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
313	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
314	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
315	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
316	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
317	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
318	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
319	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
320	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
321	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
322	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
323	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
324	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
325	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
326	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
327	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
328	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
329	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
330	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
331	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
332	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
333	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
334	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
335	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
336	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
337	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
338	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
339	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
340	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
341	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
342	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
343	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA	a(cm)	l(cm)	Dirección	HIP	Id
344	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
345	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
346	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
347	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
348	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
349	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
350	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
351	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
352	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
353	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
354	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
355	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
356	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
357	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
358	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
359	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
360	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
361	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
362	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
363	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
364	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
365	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
366	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
367	QC(kg/m)	1328		(+0.00,-1.00,+0.00)	0	G
368	QC(kg/m)	2832		(+0.00,-1.00,+0.00)	0	G
369	QC(kg/m)	2832		(+0.00,-1.00,+0.00)	0	G
370	QC(kg/m)	1328		(+0.00,-1.00,+0.00)	0	G
371	QC(kg/m)	1328		(+0.00,-1.00,+0.00)	0	G
372	QC(kg/m)	2832		(+0.00,-1.00,+0.00)	0	G
373	QC(kg/m)	2832		(+0.00,-1.00,+0.00)	0	G
374	QC(kg/m)	1328		(+0.00,-1.00,+0.00)	0	G
375	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
376	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
377	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
378	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
379	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
380	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
381	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
382	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
383	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
384	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
385	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
386	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
387	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
388	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
389	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
390	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
391	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
392	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
393	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
394	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
395	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
396	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
397	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
398	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G
399	QC(kg/m)	1110		(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
400	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
401	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
402	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
403	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
404	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
405	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
406	QC(kg/m)	1110			(+0.00,-1.00,+0.00)	0	G
407	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
408	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
409	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
410	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
411	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
412	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
413	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
414	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
415	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
416	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
417	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
418	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
419	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
420	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
421	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
422	QC(kg/m)	1275			(+0.00,-1.00,+0.00)	0	G
423	QC(kg/m)	600			(+0.00,-1.00,+0.00)	0	G
424	QC(kg/m)	600			(+0.00,-1.00,+0.00)	0	G
425	QC(kg/m)	600			(+0.00,-1.00,+0.00)	0	G
426	QC(kg/m)	600			(+0.00,-1.00,+0.00)	0	G
427	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
427	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
427	P(kg)	20000	126		(+0.00,-1.00,+0.00)	11	M1
428	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
429	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
429	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
430	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
430	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
430	P(kg)	20000	126		(+0.00,-1.00,+0.00)	11	M1
431	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
432	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
432	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
433	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
433	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
433	P(kg)	20000	308		(+0.00,-1.00,+0.00)	14	M4
433	P(kg)	20000	129		(+0.00,-1.00,+0.00)	14	M4
434	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
434	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
435	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
435	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
435	P(kg)	20000	308		(+0.00,-1.00,+0.00)	14	M4
435	P(kg)	20000	129		(+0.00,-1.00,+0.00)	14	M4
436	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
436	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
437	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
437	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
437	P(kg)	20000	203		(+0.00,-1.00,+0.00)	11	M1
438	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
438	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
439	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
439	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
439	P(kg)	20000	203		(+0.00,-1.00,+0.00)	11	M1
440	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
440	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
441	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
441	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
441	P(kg)	20000	62		(+0.00,-1.00,+0.00)	11	M1
442	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
442	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
443	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
443	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
443	P(kg)	20000	62		(+0.00,-1.00,+0.00)	11	M1
444	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
444	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
445	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
445	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
445	P(kg)	20000	244		(+0.00,-1.00,+0.00)	11	M1
445	P(kg)	20000	64		(+0.00,-1.00,+0.00)	11	M1
445	P(kg)	20000	244		(+0.00,-1.00,+0.00)	14	M4
445	P(kg)	20000	64		(+0.00,-1.00,+0.00)	14	M4
446	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
446	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
447	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
447	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
447	P(kg)	20000	244		(+0.00,-1.00,+0.00)	11	M1
447	P(kg)	20000	64		(+0.00,-1.00,+0.00)	11	M1
447	P(kg)	20000	244		(+0.00,-1.00,+0.00)	14	M4
447	P(kg)	20000	64		(+0.00,-1.00,+0.00)	14	M4
448	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
448	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
449	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
449	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
449	P(kg)	20000	246		(+0.00,-1.00,+0.00)	14	M4
450	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
450	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
451	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
451	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
451	P(kg)	20000	246		(+0.00,-1.00,+0.00)	14	M4
452	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
452	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
453	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
453	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
453	P(kg)	20000	105		(+0.00,-1.00,+0.00)	14	M4
454	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
454	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
455	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
455	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
455	P(kg)	20000	105		(+0.00,-1.00,+0.00)	14	M4
456	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
456	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
457	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
457	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
457	P(kg)	20000	180		(+0.00,-1.00,+0.00)	11	M1
457	P(kg)	20000	0		(+0.00,-1.00,+0.00)	11	M1
458	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
458	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
459	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
459	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
459	P(kg)	20000	180		(+0.00,-1.00,+0.00)	11	M1
459	P(kg)	20000	0		(+0.00,-1.00,+0.00)	11	M1
460	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
460	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
461	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
461	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
461	P(kg)	20000	183		(+0.00,-1.00,+0.00)	11	M1
461	P(kg)	20000	183		(+0.00,-1.00,+0.00)	14	M4
462	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
462	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
463	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
463	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
463	P(kg)	20000	183		(+0.00,-1.00,+0.00)	11	M1
463	P(kg)	20000	183		(+0.00,-1.00,+0.00)	14	M4
464	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
464	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
465	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
465	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
465	P(kg)	20000	41		(+0.00,-1.00,+0.00)	11	M1
465	P(kg)	20000	41		(+0.00,-1.00,+0.00)	14	M4
466	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
466	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
467	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
467	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
467	P(kg)	20000	41		(+0.00,-1.00,+0.00)	11	M1
467	P(kg)	20000	41		(+0.00,-1.00,+0.00)	14	M4
468	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
468	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
469	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
469	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
469	P(kg)	20000	224		(+0.00,-1.00,+0.00)	14	M4
469	P(kg)	20000	44		(+0.00,-1.00,+0.00)	14	M4
470	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
470	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
471	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
471	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
471	P(kg)	20000	224		(+0.00,-1.00,+0.00)	14	M4
471	P(kg)	20000	44		(+0.00,-1.00,+0.00)	14	M4
472	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
472	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
473	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
473	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
473	P(kg)	20000	298		(+0.00,-1.00,+0.00)	11	M1
473	P(kg)	20000	118		(+0.00,-1.00,+0.00)	11	M1
474	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
474	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
475	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
475	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
475	P(kg)	20000	298		(+0.00,-1.00,+0.00)	11	M1
475	P(kg)	20000	118		(+0.00,-1.00,+0.00)	11	M1
476	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
476	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
477	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
477	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
477	P(kg)	20000	301		(+0.00,-1.00,+0.00)	14	M4
478	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
478	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
479	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
479	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
479	P(kg)	20000	301		(+0.00,-1.00,+0.00)	14	M4
480	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
480	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
481	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
481	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
481	P(kg)	20000	159		(+0.00,-1.00,+0.00)	14	M4
482	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
482	QD(kg/m)	3478	280	275	(+0.00,-1.00,+0.00)	0	G
483	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
483	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
483	P(kg)	20000	159		(+0.00,-1.00,+0.00)	14	M4
484	QC(kg/m)	1440			(+0.00,-1.00,+0.00)	0	G
484	QD(kg/m)	3478	0	450	(+0.00,-1.00,+0.00)	0	G
485	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
485	P(kg)	20000	162		(+0.00,-1.00,+0.00)	14	M4
485	P(kg)	20000	342		(+0.00,-1.00,+0.00)	14	M4
486	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
486	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
487	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
487	P(kg)	20000	162		(+0.00,-1.00,+0.00)	14	M4
487	P(kg)	20000	342		(+0.00,-1.00,+0.00)	14	M4
488	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
488	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
489	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
490	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
490	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
491	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
492	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
492	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
493	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
494	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
494	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
495	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
496	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
496	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
497	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
497	P(kg)	20000	181		(+0.00,-1.00,+0.00)	12	M2
497	P(kg)	20000	0		(+0.00,-1.00,+0.00)	14	M4
497	P(kg)	20000	177		(+0.00,-1.00,+0.00)	14	M4
498	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
498	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
499	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
499	P(kg)	20000	181		(+0.00,-1.00,+0.00)	12	M2
499	P(kg)	20000	0		(+0.00,-1.00,+0.00)	14	M4
499	P(kg)	20000	177		(+0.00,-1.00,+0.00)	14	M4
500	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
500	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
501	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
501	P(kg)	20000	6		(+0.00,-1.00,+0.00)	12	M2
501	P(kg)	20000	146		(+0.00,-1.00,+0.00)	14	M4
501	P(kg)	20000	326		(+0.00,-1.00,+0.00)	14	M4
502	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
502	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
503	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
503	P(kg)	20000	6		(+0.00,-1.00,+0.00)	12	M2
503	P(kg)	20000	146		(+0.00,-1.00,+0.00)	14	M4

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
503	P(kg)	20000	326		(+0.00,-1.00,+0.00)	14	M4
504	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
504	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
505	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
506	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
506	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
507	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
508	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
508	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
509	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
509	P(kg)	20000	16		(+0.00,-1.00,+0.00)	12	M2
509	P(kg)	20000	196		(+0.00,-1.00,+0.00)	12	M2
509	P(kg)	20000	336		(+0.00,-1.00,+0.00)	14	M4
510	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
510	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
511	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
511	P(kg)	20000	16		(+0.00,-1.00,+0.00)	12	M2
511	P(kg)	20000	196		(+0.00,-1.00,+0.00)	12	M2
511	P(kg)	20000	336		(+0.00,-1.00,+0.00)	14	M4
512	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
512	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
513	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
513	P(kg)	20000	165		(+0.00,-1.00,+0.00)	12	M2
513	P(kg)	20000	345		(+0.00,-1.00,+0.00)	12	M2
513	P(kg)	20000	161		(+0.00,-1.00,+0.00)	14	M4
514	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
514	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
515	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
515	P(kg)	20000	165		(+0.00,-1.00,+0.00)	12	M2
515	P(kg)	20000	345		(+0.00,-1.00,+0.00)	12	M2
515	P(kg)	20000	161		(+0.00,-1.00,+0.00)	14	M4
516	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
516	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
517	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
517	P(kg)	19600	163		(+0.00,-1.00,+0.00)	14	M4
517	P(kg)	20000	210		(+0.00,-1.00,+0.00)	15	M5
518	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
518	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
519	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
519	P(kg)	19600	163		(+0.00,-1.00,+0.00)	14	M4
519	P(kg)	20000	210		(+0.00,-1.00,+0.00)	15	M5
520	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
520	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
521	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
521	P(kg)	19600	13		(+0.00,-1.00,+0.00)	14	M4
521	P(kg)	19600	218		(+0.00,-1.00,+0.00)	14	M4
521	P(kg)	20000	35		(+0.00,-1.00,+0.00)	15	M5
522	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
522	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
523	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
523	P(kg)	19600	13		(+0.00,-1.00,+0.00)	14	M4
523	P(kg)	19600	218		(+0.00,-1.00,+0.00)	14	M4
523	P(kg)	20000	35		(+0.00,-1.00,+0.00)	15	M5
524	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
524	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
525	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
525	P(kg)	20000	0		(+0.00,-1.00,+0.00)	12	M2
525	P(kg)	20000	180		(+0.00,-1.00,+0.00)	12	M2
526	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
526	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
527	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
527	P(kg)	20000	0		(+0.00,-1.00,+0.00)	12	M2
527	P(kg)	20000	180		(+0.00,-1.00,+0.00)	12	M2
528	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
528	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
529	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
529	P(kg)	20000	149		(+0.00,-1.00,+0.00)	12	M2
529	P(kg)	20000	329		(+0.00,-1.00,+0.00)	12	M2
529	P(kg)	19600	0		(+0.00,-1.00,+0.00)	14	M4
529	P(kg)	19600	203		(+0.00,-1.00,+0.00)	14	M4
529	P(kg)	20000	45		(+0.00,-1.00,+0.00)	15	M5
529	P(kg)	20000	225		(+0.00,-1.00,+0.00)	15	M5
530	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
530	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
531	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
531	P(kg)	20000	149		(+0.00,-1.00,+0.00)	12	M2
531	P(kg)	20000	329		(+0.00,-1.00,+0.00)	12	M2
531	P(kg)	19600	0		(+0.00,-1.00,+0.00)	14	M4
531	P(kg)	19600	203		(+0.00,-1.00,+0.00)	14	M4
531	P(kg)	20000	45		(+0.00,-1.00,+0.00)	15	M5
531	P(kg)	20000	225		(+0.00,-1.00,+0.00)	15	M5
532	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
532	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
533	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
533	P(kg)	19600	53		(+0.00,-1.00,+0.00)	14	M4
533	P(kg)	20000	194		(+0.00,-1.00,+0.00)	15	M5
534	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
534	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
535	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
535	P(kg)	19600	53		(+0.00,-1.00,+0.00)	14	M4
535	P(kg)	20000	194		(+0.00,-1.00,+0.00)	15	M5
536	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
536	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
537	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
537	P(kg)	20000	339		(+0.00,-1.00,+0.00)	12	M2
537	P(kg)	20000	19		(+0.00,-1.00,+0.00)	15	M5
538	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
538	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
539	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
539	P(kg)	20000	339		(+0.00,-1.00,+0.00)	12	M2
539	P(kg)	20000	19		(+0.00,-1.00,+0.00)	15	M5
540	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
540	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
541	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
541	P(kg)	20000	164		(+0.00,-1.00,+0.00)	12	M2
542	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
542	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
543	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
543	P(kg)	20000	164		(+0.00,-1.00,+0.00)	12	M2
544	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
544	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
545	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
545	P(kg)	20000	29		(+0.00,-1.00,+0.00)	15	M5
545	P(kg)	20000	209		(+0.00,-1.00,+0.00)	15	M5
546	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
546	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
547	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
547	P(kg)	20000	29		(+0.00,-1.00,+0.00)	15	M5
547	P(kg)	20000	209		(+0.00,-1.00,+0.00)	15	M5
548	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
548	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
549	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
549	P(kg)	20000	178		(+0.00,-1.00,+0.00)	15	M5
550	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
550	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
551	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
551	P(kg)	20000	178		(+0.00,-1.00,+0.00)	15	M5
552	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
552	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
553	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
553	P(kg)	20000	0		(+0.00,-1.00,+0.00)	15	M5
554	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
554	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
555	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
555	P(kg)	20000	0		(+0.00,-1.00,+0.00)	15	M5
556	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
556	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
557	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
558	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
558	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
559	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
560	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
560	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
561	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
561	P(kg)	20000	13		(+0.00,-1.00,+0.00)	15	M5
561	P(kg)	20000	193		(+0.00,-1.00,+0.00)	15	M5
562	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
562	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
563	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
563	P(kg)	20000	13		(+0.00,-1.00,+0.00)	15	M5
563	P(kg)	20000	193		(+0.00,-1.00,+0.00)	15	M5
564	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
564	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
565	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
565	P(kg)	20000	162		(+0.00,-1.00,+0.00)	15	M5
565	P(kg)	20000	342		(+0.00,-1.00,+0.00)	15	M5
565	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
566	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
566	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
567	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
567	P(kg)	20000	162		(+0.00,-1.00,+0.00)	15	M5
567	P(kg)	20000	342		(+0.00,-1.00,+0.00)	15	M5
567	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
568	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
568	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
569	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
569	P(kg)	20000	347		(+0.00,-1.00,+0.00)	11	M1
569	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
570	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
570	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
571	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
571	P(kg)	20000	347		(+0.00,-1.00,+0.00)	11	M1
571	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
572	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
572	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
573	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
573	P(kg)	20000	170		(+0.00,-1.00,+0.00)	11	M1
573	P(kg)	20000	348		(+0.00,-1.00,+0.00)	15	M5
573	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
574	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
574	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
575	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
575	P(kg)	20000	170		(+0.00,-1.00,+0.00)	11	M1
575	P(kg)	20000	348		(+0.00,-1.00,+0.00)	15	M5
575	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
576	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
576	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
577	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
577	P(kg)	20000	171		(+0.00,-1.00,+0.00)	15	M5
577	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
578	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
578	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
579	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
579	P(kg)	20000	171		(+0.00,-1.00,+0.00)	15	M5
579	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
580	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
580	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
581	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
581	P(kg)	20000	175		(+0.00,-1.00,+0.00)	11	M1
581	P(kg)	20000	17		(+0.00,-1.00,+0.00)	13	M3
581	P(kg)	20000	197		(+0.00,-1.00,+0.00)	13	M3
581	P(kg)	20000	137		(+0.00,-1.00,+0.00)	15	M5
581	P(kg)	20000	317		(+0.00,-1.00,+0.00)	15	M5
581	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
582	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
582	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
583	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
583	P(kg)	20000	175		(+0.00,-1.00,+0.00)	11	M1
583	P(kg)	20000	17		(+0.00,-1.00,+0.00)	13	M3
583	P(kg)	20000	197		(+0.00,-1.00,+0.00)	13	M3
583	P(kg)	20000	137		(+0.00,-1.00,+0.00)	15	M5
583	P(kg)	20000	317		(+0.00,-1.00,+0.00)	15	M5
583	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
584	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
584	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
585	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
585	P(kg)	20000	0		(+0.00,-1.00,+0.00)	11	M1
585	P(kg)	20000	324		(+0.00,-1.00,+0.00)	11	M1
585	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
586	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
586	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
587	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
587	P(kg)	20000	0		(+0.00,-1.00,+0.00)	11	M1
587	P(kg)	20000	324		(+0.00,-1.00,+0.00)	11	M1
587	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
588	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
588	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
589	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
589	P(kg)	20000	145		(+0.00,-1.00,+0.00)	11	M1
589	P(kg)	20000	203		(+0.00,-1.00,+0.00)	13	M3
589	P(kg)	20000	323		(+0.00,-1.00,+0.00)	15	M5
589	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
590	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
590	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
591	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
591	P(kg)	20000	145		(+0.00,-1.00,+0.00)	11	M1
591	P(kg)	20000	203		(+0.00,-1.00,+0.00)	13	M3
591	P(kg)	20000	323		(+0.00,-1.00,+0.00)	15	M5
591	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
592	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
592	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
593	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
593	P(kg)	20000	26		(+0.00,-1.00,+0.00)	13	M3
593	P(kg)	20000	350		(+0.00,-1.00,+0.00)	13	M3

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
593	P(kg)	20000	146		(+0.00,-1.00,+0.00)	15	M5
593	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
594	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
594	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
595	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
595	P(kg)	20000	26		(+0.00,-1.00,+0.00)	13	M3
595	P(kg)	20000	350		(+0.00,-1.00,+0.00)	13	M3
595	P(kg)	20000	146		(+0.00,-1.00,+0.00)	15	M5
595	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
596	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
596	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
597	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
597	P(kg)	20000	151		(+0.00,-1.00,+0.00)	11	M1
597	P(kg)	20000	331		(+0.00,-1.00,+0.00)	11	M1
597	P(kg)	20000	153		(+0.00,-1.00,+0.00)	13	M3
597	P(kg)	19600	146		(+0.00,-1.00,+0.00)	15	M5
597	P(kg)	19600	351		(+0.00,-1.00,+0.00)	15	M5
597	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
598	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
598	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
599	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
599	P(kg)	20000	151		(+0.00,-1.00,+0.00)	11	M1
599	P(kg)	20000	331		(+0.00,-1.00,+0.00)	11	M1
599	P(kg)	20000	153		(+0.00,-1.00,+0.00)	13	M3
599	P(kg)	19600	146		(+0.00,-1.00,+0.00)	15	M5
599	P(kg)	19600	351		(+0.00,-1.00,+0.00)	15	M5
599	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
600	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
600	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
601	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
601	P(kg)	19600	331		(+0.00,-1.00,+0.00)	11	M1
601	P(kg)	19600	199		(+0.00,-1.00,+0.00)	15	M5
601	P(kg)	20000	236		(+0.00,-1.00,+0.00)	16	M6
601	QD(kg/m)	8000	0	216	(+0.00,-1.00,+0.00)	1	Q1
601	P(kg)	295	126		(+0.00,-1.00,+0.00)	1	Q1
601	P(kg)	25000	295		(+0.00,-1.00,+0.00)	1	Q1
602	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
602	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
603	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
603	P(kg)	19600	331		(+0.00,-1.00,+0.00)	11	M1
603	P(kg)	19600	199		(+0.00,-1.00,+0.00)	15	M5
603	P(kg)	20000	236		(+0.00,-1.00,+0.00)	16	M6
603	QD(kg/m)	8000	0	216	(+0.00,-1.00,+0.00)	1	Q1
603	P(kg)	25000	295		(+0.00,-1.00,+0.00)	1	Q1
604	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
604	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
605	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
605	P(kg)	19600	179		(+0.00,-1.00,+0.00)	11	M1
605	P(kg)	20000	179		(+0.00,-1.00,+0.00)	13	M3
605	P(kg)	19600	332		(+0.00,-1.00,+0.00)	15	M5
605	P(kg)	20000	59		(+0.00,-1.00,+0.00)	16	M6
605	P(kg)	25000	99		(+0.00,-1.00,+0.00)	1	Q1
605	P(kg)	25000	259		(+0.00,-1.00,+0.00)	1	Q1
606	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
606	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
607	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
607	P(kg)	19600	179		(+0.00,-1.00,+0.00)	11	M1
607	P(kg)	20000	179		(+0.00,-1.00,+0.00)	13	M3
607	P(kg)	19600	332		(+0.00,-1.00,+0.00)	15	M5
607	P(kg)	20000	59		(+0.00,-1.00,+0.00)	16	M6
607	P(kg)	25000	99		(+0.00,-1.00,+0.00)	1	Q1
607	P(kg)	25000	259		(+0.00,-1.00,+0.00)	1	Q1
608	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
608	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
609	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
609	P(kg)	19600	26		(+0.00,-1.00,+0.00)	11	M1
609	P(kg)	20000	325		(+0.00,-1.00,+0.00)	13	M3
609	P(kg)	20000	1		(+0.00,-1.00,+0.00)	13	M3
609	P(kg)	19600	179		(+0.00,-1.00,+0.00)	15	M5
609	QD(kg/m)	8000	141	216	(+0.00,-1.00,+0.00)	1	Q1
609	P(kg)	25000	61		(+0.00,-1.00,+0.00)	1	Q1
610	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
610	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
611	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
611	P(kg)	19600	26		(+0.00,-1.00,+0.00)	11	M1
611	P(kg)	20000	325		(+0.00,-1.00,+0.00)	13	M3
611	P(kg)	20000	1		(+0.00,-1.00,+0.00)	13	M3
611	P(kg)	19600	179		(+0.00,-1.00,+0.00)	15	M5
611	QD(kg/m)	8000	141	216	(+0.00,-1.00,+0.00)	1	Q1
611	P(kg)	25000	61		(+0.00,-1.00,+0.00)	1	Q1
612	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
612	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
613	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
613	P(kg)	19600	159		(+0.00,-1.00,+0.00)	11	M1
613	P(kg)	20000	148		(+0.00,-1.00,+0.00)	13	M3
613	P(kg)	19600	27		(+0.00,-1.00,+0.00)	15	M5
613	P(kg)	20000	64		(+0.00,-1.00,+0.00)	16	M6
613	P(kg)	20000	244		(+0.00,-1.00,+0.00)	16	M6
613	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
614	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
614	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
615	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
615	P(kg)	19600	159		(+0.00,-1.00,+0.00)	11	M1
615	P(kg)	20000	148		(+0.00,-1.00,+0.00)	13	M3
615	P(kg)	19600	27		(+0.00,-1.00,+0.00)	15	M5
615	P(kg)	20000	64		(+0.00,-1.00,+0.00)	16	M6
615	P(kg)	20000	244		(+0.00,-1.00,+0.00)	16	M6
615	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
616	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
616	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
617	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
617	P(kg)	19600	7		(+0.00,-1.00,+0.00)	11	M1
617	P(kg)	19600	212		(+0.00,-1.00,+0.00)	11	M1
617	P(kg)	20000	211		(+0.00,-1.00,+0.00)	16	M6
617	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
618	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
618	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
619	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
619	P(kg)	19600	7		(+0.00,-1.00,+0.00)	11	M1
619	P(kg)	19600	212		(+0.00,-1.00,+0.00)	11	M1
619	P(kg)	20000	211		(+0.00,-1.00,+0.00)	16	M6
619	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
620	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
620	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
621	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
621	P(kg)	20000	154		(+0.00,-1.00,+0.00)	13	M3
621	P(kg)	20000	334		(+0.00,-1.00,+0.00)	13	M3
621	P(kg)	20000	34		(+0.00,-1.00,+0.00)	16	M6
621	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
622	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
622	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
623	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
623	P(kg)	20000	154		(+0.00,-1.00,+0.00)	13	M3
623	P(kg)	20000	334		(+0.00,-1.00,+0.00)	13	M3
623	P(kg)	20000	34		(+0.00,-1.00,+0.00)	16	M6
623	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
624	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
624	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
625	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
625	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
626	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
626	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
627	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
627	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
628	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
628	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
629	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
629	P(kg)	20000	40		(+0.00,-1.00,+0.00)	16	M6
629	P(kg)	20000	220		(+0.00,-1.00,+0.00)	16	M6
629	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
630	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
630	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
631	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
631	P(kg)	20000	40		(+0.00,-1.00,+0.00)	16	M6
631	P(kg)	20000	220		(+0.00,-1.00,+0.00)	16	M6
631	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
632	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
632	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
633	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
633	P(kg)	20000	187		(+0.00,-1.00,+0.00)	16	M6
633	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
634	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
634	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
635	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
635	P(kg)	20000	187		(+0.00,-1.00,+0.00)	16	M6
635	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
636	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
636	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
637	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
637	P(kg)	20000	10		(+0.00,-1.00,+0.00)	16	M6
637	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
638	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
638	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
639	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
639	P(kg)	20000	10		(+0.00,-1.00,+0.00)	16	M6
639	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
640	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
640	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
641	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
641	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
642	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
642	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
643	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
643	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
644	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
644	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
645	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
645	P(kg)	20000	15		(+0.00,-1.00,+0.00)	16	M6
645	P(kg)	20000	195		(+0.00,-1.00,+0.00)	16	M6
645	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
646	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
646	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
647	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
647	P(kg)	20000	15		(+0.00,-1.00,+0.00)	16	M6
647	P(kg)	20000	195		(+0.00,-1.00,+0.00)	16	M6
647	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
648	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
648	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
649	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
649	P(kg)	20000	162		(+0.00,-1.00,+0.00)	16	M6
649	P(kg)	20000	342		(+0.00,-1.00,+0.00)	16	M6
650	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
650	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
651	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
651	P(kg)	20000	162		(+0.00,-1.00,+0.00)	16	M6
651	P(kg)	20000	342		(+0.00,-1.00,+0.00)	16	M6
652	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
652	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
653	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
653	P(kg)	20000	149		(+0.00,-1.00,+0.00)	12	M2
653	P(kg)	20000	329		(+0.00,-1.00,+0.00)	12	M2
654	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
654	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
655	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
655	P(kg)	20000	149		(+0.00,-1.00,+0.00)	12	M2
655	P(kg)	20000	329		(+0.00,-1.00,+0.00)	12	M2
656	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
656	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
657	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
658	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
658	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
659	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
660	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
660	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
661	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
661	P(kg)	20000	339		(+0.00,-1.00,+0.00)	12	M2
661	P(kg)	20000	0		(+0.00,-1.00,+0.00)	16	M6
661	P(kg)	20000	177		(+0.00,-1.00,+0.00)	16	M6
662	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
662	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
663	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
663	P(kg)	20000	339		(+0.00,-1.00,+0.00)	12	M2
663	P(kg)	20000	0		(+0.00,-1.00,+0.00)	16	M6
663	P(kg)	20000	177		(+0.00,-1.00,+0.00)	16	M6
664	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
664	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
665	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
665	P(kg)	20000	164		(+0.00,-1.00,+0.00)	12	M2
665	P(kg)	20000	146		(+0.00,-1.00,+0.00)	16	M6
665	P(kg)	20000	326		(+0.00,-1.00,+0.00)	16	M6
666	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
666	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
667	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
667	P(kg)	20000	164		(+0.00,-1.00,+0.00)	12	M2
667	P(kg)	20000	146		(+0.00,-1.00,+0.00)	16	M6
667	P(kg)	20000	326		(+0.00,-1.00,+0.00)	16	M6
668	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
668	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
669	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
669	P(kg)	20000	133		(+0.00,-1.00,+0.00)	12	M2
669	P(kg)	20000	313		(+0.00,-1.00,+0.00)	12	M2
670	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
670	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
671	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
671	P(kg)	20000	133		(+0.00,-1.00,+0.00)	12	M2
671	P(kg)	20000	313		(+0.00,-1.00,+0.00)	12	M2
672	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
672	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
673	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
673	P(kg)	20000	336		(+0.00,-1.00,+0.00)	16	M6
674	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
674	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
675	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
675	P(kg)	20000	336		(+0.00,-1.00,+0.00)	16	M6
676	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
676	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
677	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
677	P(kg)	20000	323		(+0.00,-1.00,+0.00)	12	M2
677	P(kg)	20000	161		(+0.00,-1.00,+0.00)	16	M6
678	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
678	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
679	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
679	P(kg)	20000	323		(+0.00,-1.00,+0.00)	12	M2
679	P(kg)	20000	161		(+0.00,-1.00,+0.00)	16	M6
680	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
680	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
681	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
681	P(kg)	20000	148		(+0.00,-1.00,+0.00)	12	M2
681	P(kg)	19600	163		(+0.00,-1.00,+0.00)	16	M6
681	P(kg)	20000	210		(+0.00,-1.00,+0.00)	17	M7
682	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
682	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
683	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
683	P(kg)	20000	148		(+0.00,-1.00,+0.00)	12	M2
683	P(kg)	19600	163		(+0.00,-1.00,+0.00)	16	M6
683	P(kg)	20000	210		(+0.00,-1.00,+0.00)	17	M7
684	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
684	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
685	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
685	P(kg)	19600	150		(+0.00,-1.00,+0.00)	12	M2
685	P(kg)	19600	13		(+0.00,-1.00,+0.00)	16	M6
685	P(kg)	19600	218		(+0.00,-1.00,+0.00)	16	M6
685	P(kg)	20000	35		(+0.00,-1.00,+0.00)	17	M7
686	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
686	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
687	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
687	P(kg)	19600	150		(+0.00,-1.00,+0.00)	12	M2
687	P(kg)	19600	13		(+0.00,-1.00,+0.00)	16	M6
687	P(kg)	19600	218		(+0.00,-1.00,+0.00)	16	M6
687	P(kg)	20000	35		(+0.00,-1.00,+0.00)	17	M7
688	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
688	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
689	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
689	P(kg)	19600	0		(+0.00,-1.00,+0.00)	12	M2
689	P(kg)	19600	205		(+0.00,-1.00,+0.00)	12	M2
690	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
690	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
691	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
691	P(kg)	19600	0		(+0.00,-1.00,+0.00)	12	M2
691	P(kg)	19600	205		(+0.00,-1.00,+0.00)	12	M2
692	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
692	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
693	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
693	P(kg)	19600	340		(+0.00,-1.00,+0.00)	12	M2
693	P(kg)	19600	0		(+0.00,-1.00,+0.00)	16	M6
693	P(kg)	19600	203		(+0.00,-1.00,+0.00)	16	M6
693	P(kg)	20000	45		(+0.00,-1.00,+0.00)	17	M7
693	P(kg)	20000	225		(+0.00,-1.00,+0.00)	17	M7
694	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
694	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
695	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
695	P(kg)	19600	340		(+0.00,-1.00,+0.00)	12	M2
695	P(kg)	19600	0		(+0.00,-1.00,+0.00)	16	M6
695	P(kg)	19600	203		(+0.00,-1.00,+0.00)	16	M6
695	P(kg)	20000	45		(+0.00,-1.00,+0.00)	17	M7
695	P(kg)	20000	225		(+0.00,-1.00,+0.00)	17	M7
696	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
696	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
697	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
697	P(kg)	19600	190		(+0.00,-1.00,+0.00)	12	M2
697	P(kg)	19600	53		(+0.00,-1.00,+0.00)	16	M6
697	P(kg)	20000	194		(+0.00,-1.00,+0.00)	17	M7
698	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
698	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
699	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
699	P(kg)	19600	190		(+0.00,-1.00,+0.00)	12	M2
699	P(kg)	19600	53		(+0.00,-1.00,+0.00)	16	M6
699	P(kg)	20000	194		(+0.00,-1.00,+0.00)	17	M7
700	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
700	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
701	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
701	P(kg)	19600	40		(+0.00,-1.00,+0.00)	12	M2
701	P(kg)	20000	19		(+0.00,-1.00,+0.00)	17	M7
702	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
702	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
703	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
703	P(kg)	19600	40		(+0.00,-1.00,+0.00)	12	M2
703	P(kg)	20000	19		(+0.00,-1.00,+0.00)	17	M7
704	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
704	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
705	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
706	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
706	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
707	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
708	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
708	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
709	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
709	P(kg)	20000	29		(+0.00,-1.00,+0.00)	17	M7
709	P(kg)	20000	209		(+0.00,-1.00,+0.00)	17	M7
710	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
710	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
711	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
711	P(kg)	20000	29		(+0.00,-1.00,+0.00)	17	M7
711	P(kg)	20000	209		(+0.00,-1.00,+0.00)	17	M7
712	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
712	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
713	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
713	P(kg)	20000	178		(+0.00,-1.00,+0.00)	17	M7
714	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
714	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
715	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
715	P(kg)	20000	178		(+0.00,-1.00,+0.00)	17	M7
716	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
716	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
717	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
717	P(kg)	20000	269		(+0.00,-1.00,+0.00)	13	M3
717	P(kg)	20000	3		(+0.00,-1.00,+0.00)	17	M7
718	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
718	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
719	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
719	P(kg)	20000	269		(+0.00,-1.00,+0.00)	13	M3
719	P(kg)	20000	3		(+0.00,-1.00,+0.00)	17	M7
720	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
720	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
721	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
721	P(kg)	20000	94		(+0.00,-1.00,+0.00)	13	M3
722	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
722	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
723	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
723	P(kg)	20000	94		(+0.00,-1.00,+0.00)	13	M3
724	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
724	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
725	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
725	P(kg)	20000	13		(+0.00,-1.00,+0.00)	17	M7
725	P(kg)	20000	193		(+0.00,-1.00,+0.00)	17	M7
726	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
726	QD(kg/m)	3834	64	275	(+0.00,-1.00,+0.00)	0	G
727	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
727	P(kg)	20000	13		(+0.00,-1.00,+0.00)	17	M7
727	P(kg)	20000	193		(+0.00,-1.00,+0.00)	17	M7
728	QC(kg/m)	2325			(+0.00,-1.00,+0.00)	0	G
728	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
729	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
729	P(kg)	20000	104		(+0.00,-1.00,+0.00)	13	M3
729	P(kg)	20000	284		(+0.00,-1.00,+0.00)	13	M3
729	P(kg)	20000	162		(+0.00,-1.00,+0.00)	17	M7
729	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
730	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
730	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
731	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
731	P(kg)	20000	104		(+0.00,-1.00,+0.00)	13	M3
731	P(kg)	20000	284		(+0.00,-1.00,+0.00)	13	M3
731	P(kg)	20000	162		(+0.00,-1.00,+0.00)	17	M7
731	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
732	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
732	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
733	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
733	P(kg)	20000	287		(+0.00,-1.00,+0.00)	13	M3
733	P(kg)	20000	21		(+0.00,-1.00,+0.00)	17	M7
733	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
734	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
734	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
735	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
735	P(kg)	20000	287		(+0.00,-1.00,+0.00)	13	M3

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
735	P(kg)	20000	21		(+0.00,-1.00,+0.00)	17	M7
735	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
736	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
736	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
737	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
737	P(kg)	20000	145		(+0.00,-1.00,+0.00)	13	M3
737	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
738	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
738	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
739	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
739	P(kg)	20000	145		(+0.00,-1.00,+0.00)	13	M3
739	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
740	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
740	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
741	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
741	P(kg)	20000	98		(+0.00,-1.00,+0.00)	17	M7
741	P(kg)	20000	278		(+0.00,-1.00,+0.00)	17	M7
741	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
742	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
742	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
743	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
743	P(kg)	20000	98		(+0.00,-1.00,+0.00)	17	M7
743	P(kg)	20000	278		(+0.00,-1.00,+0.00)	17	M7
743	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
744	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
744	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
745	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
745	P(kg)	20000	222		(+0.00,-1.00,+0.00)	13	M3
745	P(kg)	20000	280		(+0.00,-1.00,+0.00)	17	M7
745	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
746	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
746	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
747	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
747	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
747	P(kg)	20000	222		(+0.00,-1.00,+0.00)	13	M3
747	P(kg)	20000	280		(+0.00,-1.00,+0.00)	17	M7
748	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
748	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
749	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
749	P(kg)	20000	81		(+0.00,-1.00,+0.00)	13	M3
749	P(kg)	20000	139		(+0.00,-1.00,+0.00)	17	M7
749	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
750	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
750	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
751	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
751	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
751	P(kg)	20000	81		(+0.00,-1.00,+0.00)	13	M3
751	P(kg)	20000	139		(+0.00,-1.00,+0.00)	17	M7
752	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
752	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
753	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
753	P(kg)	19600	116		(+0.00,-1.00,+0.00)	13	M3
753	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
754	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
754	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
755	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
755	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
755	P(kg)	19600	116		(+0.00,-1.00,+0.00)	13	M3
756	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
756	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
757	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
757	P(kg)	19600	0		(+0.00,-1.00,+0.00)	13	M3
757	P(kg)	19600	205		(+0.00,-1.00,+0.00)	13	M3
757	P(kg)	20000	216		(+0.00,-1.00,+0.00)	17	M7
757	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
758	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
758	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
759	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
759	P(kg)	19600	0		(+0.00,-1.00,+0.00)	13	M3
759	P(kg)	19600	205		(+0.00,-1.00,+0.00)	13	M3
759	P(kg)	20000	216		(+0.00,-1.00,+0.00)	17	M7
759	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
760	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
760	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
761	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
761	P(kg)	20000	75		(+0.00,-1.00,+0.00)	17	M7
761	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
762	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
762	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
763	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
763	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
763	P(kg)	20000	75		(+0.00,-1.00,+0.00)	17	M7

BARRA	CARGA		a(cm)	l(cm)	Dirección	HIP	Id
764	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
764	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
765	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
765	P(kg)	19600	52		(+0.00,-1.00,+0.00)	13	M3
765	P(kg)	19600	110		(+0.00,-1.00,+0.00)	17	M7
765	P(kg)	19600	315		(+0.00,-1.00,+0.00)	17	M7
765	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
766	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
766	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
767	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
767	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
767	P(kg)	19600	52		(+0.00,-1.00,+0.00)	13	M3
767	P(kg)	19600	315		(+0.00,-1.00,+0.00)	17	M7
767	P(kg)	19600	110		(+0.00,-1.00,+0.00)	17	M7
768	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
768	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
769	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
769	P(kg)	19600	257		(+0.00,-1.00,+0.00)	13	M3
769	P(kg)	19600	199		(+0.00,-1.00,+0.00)	17	M7
769	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
770	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
770	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
771	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
771	P(kg)	19600	257		(+0.00,-1.00,+0.00)	13	M3
771	P(kg)	19600	199		(+0.00,-1.00,+0.00)	17	M7
771	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
772	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
772	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
773	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
773	P(kg)	19600	141		(+0.00,-1.00,+0.00)	13	M3
773	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
774	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
774	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
775	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
775	P(kg)	19600	141		(+0.00,-1.00,+0.00)	13	M3
775	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
776	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
776	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
777	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
777	P(kg)	19600	46		(+0.00,-1.00,+0.00)	17	M7
777	P(kg)	19600	251		(+0.00,-1.00,+0.00)	17	M7
777	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
778	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
778	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
779	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
779	P(kg)	19600	46		(+0.00,-1.00,+0.00)	17	M7
779	P(kg)	19600	251		(+0.00,-1.00,+0.00)	17	M7
779	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
780	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
780	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G
781	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
781	P(kg)	19600	134		(+0.00,-1.00,+0.00)	17	M7
781	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
782	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
782	QD(kg/m)	3834	280	275	(+0.00,-1.00,+0.00)	0	G
783	QC(kg/m)	3938			(+0.00,-1.00,+0.00)	0	G
783	P(kg)	19600	134		(+0.00,-1.00,+0.00)	17	M7
783	QC(kg/m)	8000			(+0.00,-1.00,+0.00)	1	Q1
784	QC(kg/m)	347			(+0.00,-1.00,+0.00)	0	G
784	QD(kg/m)	3834	0	450	(+0.00,-1.00,+0.00)	0	G

7- DESPLAZAMIENTO DE LOS NUDOS

LISTADO DE DESPLAZAMIENTOS

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
1	_y____	0	G	+0.573	+0.000	-0.231	+0.0033	+0.0000	+0.0002
1	_y____	1	Q1	-0.048	+0.000	-0.056	+0.0013	+0.0000	+0.0039
1	_y____	11	M1	-0.044	+0.000	-0.013	+0.0005	+0.0000	+0.0016
1	_y____	12	M2	+0.247	+0.000	-0.041	+0.0005	-0.0000	-0.0021
1	_y____	13	M3	-0.005	+0.000	-0.030	+0.0004	+0.0000	+0.0017
1	_y____	14	M4	-0.002	+0.000	-0.004	-0.0001	+0.0000	-0.0003
1	_y____	15	M5	-0.036	+0.000	-0.021	+0.0002	+0.0000	+0.0007
1	_y____	16	M6	+0.191	+0.000	-0.052	+0.0014	-0.0000	-0.0001
1	_y____	17	M7	+0.230	+0.000	-0.041	+0.0002	-0.0000	-0.0005
1	_y____	M+	A	+0.820	+0.000	+0.000	+0.0056	+0.0001	+0.0052
1	_y____	M-	A	+0.000	+0.000	-0.323	+0.0000	-0.0000	-0.0019
2	_y____	0	G	+0.942	+0.000	-0.322	+0.0018	-0.0000	-0.0002
2	_y____	1	Q1	+0.151	+0.000	-0.064	+0.0007	-0.0000	-0.0039
2	_y____	11	M1	+0.075	+0.000	-0.008	+0.0003	-0.0000	-0.0021
2	_y____	12	M2	+0.293	+0.000	-0.062	+0.0001	-0.0000	+0.0019
2	_y____	13	M3	+0.106	+0.000	-0.042	+0.0003	-0.0000	-0.0017
2	_y____	14	M4	+0.010	+0.000	-0.008	+0.0001	+0.0000	+0.0008
2	_y____	15	M5	+0.102	+0.000	-0.025	+0.0008	-0.0000	-0.0003
2	_y____	16	M6	+0.299	+0.000	-0.059	+0.0001	-0.0000	-0.0004
2	_y____	17	M7	+0.227	+0.000	-0.070	-0.0000	-0.0000	+0.0002
2	_y____	M+	A	+1.346	+0.000	+0.000	+0.0031	+0.0000	+0.0017
2	_y____	M-	A	+0.000	+0.000	-0.436	+0.0000	-0.0001	-0.0056
3	_y____	0	G	+1.497	+0.000	-0.524	+0.0001	-0.0000	-0.0014
3	_y____	1	Q1	+0.105	+0.000	-0.105	+0.0002	+0.0000	-0.0038
3	_y____	11	M1	+0.057	+0.000	-0.013	+0.0002	+0.0000	-0.0023
3	_y____	12	M2	+0.530	+0.000	-0.101	-0.0000	-0.0000	+0.0016
3	_y____	13	M3	+0.064	+0.000	-0.069	+0.0000	+0.0000	-0.0007
3	_y____	14	M4	+0.272	+0.000	-0.013	-0.0000	-0.0000	-0.0002
3	_y____	15	M5	+0.236	+0.000	-0.041	-0.0000	-0.0000	+0.0002
3	_y____	16	M6	+0.276	+0.000	-0.098	+0.0000	-0.0000	-0.0002
3	_y____	17	M7	+0.226	+0.000	-0.114	-0.0000	-0.0000	+0.0001
3	_y____	M+	A	+2.100	+0.000	+0.000	+0.0004	+0.0000	+0.0003
3	_y____	M-	A	+0.000	+0.000	-0.712	+0.0000	-0.0000	-0.0068
4	_____	0	G	+1.497	-0.426	-0.518	+0.0000	-0.0000	-0.0013
4	_____	1	Q1	+0.105	-1.198	-0.105	+0.0002	-0.0000	-0.0036
4	_____	11	M1	+0.057	-0.739	-0.014	+0.0002	+0.0000	-0.0022
4	_____	12	M2	+0.530	+0.511	-0.099	-0.0001	-0.0000	+0.0016
4	_____	13	M3	+0.064	-0.233	-0.069	+0.0000	-0.0000	-0.0007
4	_____	14	M4	+0.272	-0.062	-0.012	-0.0001	-0.0000	-0.0002
4	_____	15	M5	+0.236	+0.075	-0.040	-0.0000	-0.0000	+0.0002
4	_____	16	M6	+0.276	-0.056	-0.097	+0.0000	-0.0000	-0.0002
4	_____	17	M7	+0.226	+0.031	-0.113	-0.0000	-0.0000	+0.0001
4	_____	M+	A	+2.100	+0.085	+0.000	+0.0003	+0.0000	+0.0003
4	_____	M-	A	+0.000	-2.141	-0.704	-0.0001	-0.0000	-0.0065
5	_____	0	G	+1.498	-0.803	-0.514	-0.0001	-0.0000	-0.0011
5	_____	1	Q1	+0.105	-2.310	-0.104	+0.0002	-0.0000	-0.0032
5	_____	11	M1	+0.057	-1.427	-0.014	+0.0001	-0.0000	-0.0020
5	_____	12	M2	+0.530	+0.992	-0.098	-0.0001	-0.0000	+0.0014
5	_____	13	M3	+0.064	-0.452	-0.068	+0.0000	-0.0000	-0.0006
5	_____	14	M4	+0.272	-0.110	-0.012	-0.0001	+0.0000	-0.0001
5	_____	15	M5	+0.236	+0.145	-0.040	-0.0000	+0.0000	+0.0002
5	_____	16	M6	+0.276	-0.108	-0.096	+0.0000	-0.0000	-0.0002
5	_____	17	M7	+0.226	+0.061	-0.112	-0.0000	-0.0000	+0.0001
5	_____	M+	A	+2.101	+0.189	+0.000	+0.0002	+0.0000	+0.0004
5	_____	M-	A	+0.000	-4.111	-0.699	-0.0002	-0.0000	-0.0057
6	_____	0	G	+1.498	-1.093	-0.510	-0.0001	-0.0000	-0.0007
6	_____	1	Q1	+0.104	-3.248	-0.103	+0.0001	-0.0000	-0.0026
6	_____	11	M1	+0.057	-2.007	-0.014	+0.0001	-0.0000	-0.0016
6	_____	12	M2	+0.530	+1.410	-0.097	-0.0001	-0.0000	+0.0012
6	_____	13	M3	+0.064	-0.641	-0.067	+0.0000	-0.0000	-0.0005
6	_____	14	M4	+0.272	-0.135	-0.012	-0.0001	+0.0000	-0.0000
6	_____	15	M5	+0.236	+0.206	-0.040	-0.0000	+0.0000	+0.0002
6	_____	16	M6	+0.276	-0.153	-0.095	+0.0000	-0.0000	-0.0001
6	_____	17	M7	+0.226	+0.086	-0.111	-0.0000	-0.0000	+0.0001
6	_____	M+	A	+2.102	+0.317	+0.000	+0.0001	+0.0000	+0.0004
6	_____	M-	A	+0.000	-5.746	-0.693	-0.0003	-0.0000	-0.0044
7	_____	0	G	+1.498	-1.278	-0.506	-0.0002	-0.0000	-0.0004
7	_____	1	Q1	+0.104	-3.950	-0.103	+0.0001	-0.0000	-0.0017
7	_____	11	M1	+0.057	-2.439	-0.014	+0.0001	+0.0000	-0.0011
7	_____	12	M2	+0.531	+1.735	-0.097	-0.0001	-0.0000	+0.0008
7	_____	13	M3	+0.064	-0.787	-0.067	+0.0000	-0.0000	-0.0004
7	_____	14	M4	+0.272	-0.139	-0.013	-0.0001	+0.0000	+0.0000
7	_____	15	M5	+0.236	+0.253	-0.040	-0.0000	+0.0000	+0.0001
7	_____	16	M6	+0.276	-0.188	-0.094	+0.0000	-0.0000	-0.0001
7	_____	17	M7	+0.226	+0.106	-0.109	-0.0000	-0.0000	+0.0000
7	_____	M+	A	+2.102	+0.457	+0.000	+0.0000	+0.0000	+0.0004
7	_____	M-	A	+0.000	-6.936	-0.687	-0.0004	-0.0000	-0.0029
8	_____	0	G	+1.499	-1.375	-0.503	-0.0003	-0.0000	-0.0002
8	_____	1	Q1	+0.104	-4.416	-0.102	+0.0001	-0.0000	-0.0011
8	_____	11	M1	+0.057	-2.723	-0.014	+0.0001	+0.0000	-0.0007
8	_____	12	M2	+0.531	+1.961	-0.096	-0.0001	-0.0000	+0.0006
8	_____	13	M3	+0.064	-0.887	-0.066	+0.0000	-0.0000	-0.0002
8	_____	14	M4	+0.273	-0.128	-0.013	-0.0002	+0.0000	+0.0000
8	_____	15	M5	+0.236	+0.285	-0.040	-0.0000	+0.0000	+0.0001
8	_____	16	M6	+0.276	-0.212	-0.093	+0.0000	-0.0000	-0.0001
8	_____	17	M7	+0.226	+0.119	-0.108	-0.0000	-0.0000	+0.0000
8	_____	M+	A	+2.103	+0.585	+0.000	+0.0000	+0.0000	+0.0004
8	_____	M-	A	+0.000	-7.697	-0.683	-0.0004	-0.0000	-0.0018
9	_____	0	G	+1.476	-1.427	-0.500	-0.0003	-0.0000	-0.0001
9	_____	1	Q1	+0.117	-4.693	-0.102	+0.0001	-0.0000	-0.0006
9	_____	11	M1	+0.063	-2.892	-0.014	+0.0001	-0.0000	-0.0004
9	_____	12	M2	+0.515	+2.096	-0.095	-0.0001	-0.0000	+0.0003
9	_____	13	M3	+0.072	-0.944	-0.065	+0.0000	-0.0000	-0.0001
9	_____	14	M4	+0.258	-0.119	-0.013	-0.0002	-0.0000	+0.0000
9	_____	15	M5	+0.234	+0.305	-0.040	-0.0000	-0.0000	+0.0000
9	_____	16	M6	+0.278	-0.226	-0.092	+0.0000	-0.0000	-0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
9	_____	17	M7	+0.225	+0.127	-0.107	-0.0000	-0.0000	+0.0000
9	_____	M+	A	+2.074	+0.669	+0.000	+0.0000	+0.0000	+0.0002
9	_____	M-	A	+0.000	-8.145	-0.678	-0.0005	-0.0000	-0.0009
10	_____	0	G	+1.454	-1.436	-0.494	-0.0004	-0.0000	+0.0001
10	_____	1	Q1	+0.131	-4.792	-0.101	+0.0001	-0.0000	-0.0000
10	_____	11	M1	+0.069	-2.953	-0.014	+0.0000	-0.0000	-0.0000
10	_____	12	M2	+0.500	+2.147	-0.094	-0.0001	-0.0000	+0.0000
10	_____	13	M3	+0.079	-0.961	-0.065	+0.0001	-0.0000	+0.0000
10	_____	14	M4	+0.244	-0.113	-0.013	-0.0002	-0.0000	+0.0000
10	_____	15	M5	+0.232	+0.312	-0.040	-0.0000	-0.0000	+0.0000
10	_____	16	M6	+0.279	-0.230	-0.091	+0.0000	-0.0000	+0.0000
10	_____	17	M7	+0.224	+0.129	-0.106	-0.0000	-0.0000	-0.0000
10	_____	M+	A	+2.045	+0.711	+0.000	+0.0000	+0.0000	+0.0001
10	_____	M-	A	+0.000	-8.295	-0.670	-0.0006	-0.0000	+0.0000
11	_____	0	G	+1.428	-1.372	-0.488	-0.0005	-0.0000	+0.0003
11	_____	1	Q1	+0.145	-4.667	-0.100	+0.0001	-0.0000	+0.0008
11	_____	11	M1	+0.076	-2.875	-0.014	+0.0000	-0.0000	+0.0005
11	_____	12	M2	+0.482	+2.098	-0.093	-0.0002	-0.0000	-0.0003
11	_____	13	M3	+0.088	-0.932	-0.064	+0.0001	-0.0000	+0.0002
11	_____	14	M4	+0.228	-0.101	-0.012	-0.0002	-0.0000	+0.0001
11	_____	15	M5	+0.229	+0.304	-0.040	-0.0000	-0.0000	-0.0001
11	_____	16	M6	+0.282	-0.223	-0.090	+0.0000	-0.0000	+0.0000
11	_____	17	M7	+0.223	+0.126	-0.104	-0.0000	-0.0000	-0.0000
11	_____	M+	A	+2.013	+0.726	+0.000	+0.0000	+0.0000	+0.0015
11	_____	M-	A	+0.000	-8.051	-0.662	-0.0007	-0.0000	+0.0000
12	_____	0	G	+1.403	-1.216	-0.482	-0.0005	-0.0000	+0.0006
12	_____	1	Q1	+0.160	-4.282	-0.099	+0.0001	-0.0000	+0.0016
12	_____	11	M1	+0.083	-2.634	-0.014	+0.0000	-0.0000	+0.0010
12	_____	12	M2	+0.465	+1.938	-0.091	-0.0002	-0.0000	-0.0007
12	_____	13	M3	+0.097	-0.853	-0.064	+0.0001	-0.0000	+0.0003
12	_____	14	M4	+0.212	-0.074	-0.011	-0.0003	-0.0000	+0.0001
12	_____	15	M5	+0.227	+0.280	-0.040	-0.0000	-0.0000	-0.0001
12	_____	16	M6	+0.284	-0.204	-0.089	+0.0000	-0.0000	+0.0001
12	_____	17	M7	+0.222	+0.115	-0.103	-0.0000	-0.0000	-0.0000
12	_____	M+	A	+1.980	+0.722	+0.000	+0.0000	+0.0000	+0.0029
12	_____	M-	A	+0.000	-7.341	-0.654	-0.0008	-0.0000	-0.0000
13	_____	0	G	+1.378	-0.984	-0.476	-0.0006	-0.0000	+0.0008
13	_____	1	Q1	+0.175	-3.671	-0.098	+0.0000	-0.0000	+0.0022
13	_____	11	M1	+0.090	-2.253	-0.014	-0.0000	+0.0000	+0.0014
13	_____	12	M2	+0.448	+1.681	-0.090	-0.0002	-0.0000	-0.0009
13	_____	13	M3	+0.105	-0.732	-0.064	+0.0001	-0.0000	+0.0004
13	_____	14	M4	+0.196	-0.034	-0.011	-0.0003	-0.0000	+0.0001
13	_____	15	M5	+0.224	+0.242	-0.040	-0.0000	+0.0000	-0.0001
13	_____	16	M6	+0.286	-0.175	-0.088	+0.0000	-0.0000	+0.0001
13	_____	17	M7	+0.221	+0.099	-0.102	-0.0000	-0.0000	-0.0001
13	_____	M+	A	+1.948	+0.697	+0.000	+0.0000	+0.0000	+0.0040
13	_____	M-	A	+0.000	-6.232	-0.646	-0.0009	-0.0000	-0.0001
14	_____	0	G	+1.352	-0.707	-0.473	-0.0007	-0.0000	+0.0009
14	_____	1	Q1	+0.190	-2.875	-0.098	+0.0000	+0.0000	+0.0027
14	_____	11	M1	+0.097	-1.760	-0.014	-0.0000	+0.0000	+0.0017
14	_____	12	M2	+0.430	+1.338	-0.090	-0.0002	-0.0000	-0.0012
14	_____	13	M3	+0.114	-0.577	-0.064	+0.0001	+0.0000	+0.0005
14	_____	14	M4	+0.180	+0.010	-0.011	-0.0003	+0.0000	+0.0001
14	_____	15	M5	+0.222	+0.192	-0.040	-0.0000	+0.0000	-0.0002
14	_____	16	M6	+0.288	-0.138	-0.087	+0.0000	-0.0000	+0.0001
14	_____	17	M7	+0.220	+0.078	-0.101	-0.0000	-0.0000	-0.0001
14	_____	M+	A	+1.916	+0.631	+0.000	+0.0000	+0.0000	+0.0048
14	_____	M-	A	+0.000	-4.813	-0.642	-0.0010	-0.0000	-0.0003
15	_____	0	G	+1.327	-0.436	-0.473	-0.0008	+0.0000	+0.0008
15	_____	1	Q1	+0.205	-1.953	-0.099	+0.0000	+0.0000	+0.0030
15	_____	11	M1	+0.104	-1.194	-0.015	-0.0000	+0.0000	+0.0018
15	_____	12	M2	+0.413	+0.926	-0.090	-0.0002	+0.0000	-0.0014
15	_____	13	M3	+0.122	-0.394	-0.064	+0.0001	+0.0000	+0.0006
15	_____	14	M4	+0.165	+0.037	-0.012	-0.0003	+0.0000	+0.0000
15	_____	15	M5	+0.219	+0.133	-0.042	-0.0000	+0.0000	-0.0002
15	_____	16	M6	+0.290	-0.095	-0.087	+0.0000	-0.0000	+0.0001
15	_____	17	M7	+0.218	+0.053	-0.099	-0.0000	-0.0000	-0.0001
15	_____	M+	A	+1.883	+0.490	+0.000	+0.0000	+0.0000	+0.0051
15	_____	M-	A	+0.000	-3.224	-0.642	-0.0011	-0.0000	-0.0006
16	_____	0	G	+1.302	-0.236	-0.471	-0.0008	-0.0000	+0.0004
16	_____	1	Q1	+0.220	-0.967	-0.099	+0.0000	-0.0000	+0.0031
16	_____	11	M1	+0.111	-0.594	-0.016	-0.0000	-0.0000	+0.0019
16	_____	12	M2	+0.395	+0.454	-0.089	-0.0003	-0.0000	-0.0015
16	_____	13	M3	+0.131	-0.191	-0.064	+0.0001	-0.0000	+0.0007
16	_____	14	M4	+0.149	+0.017	-0.013	-0.0004	-0.0000	-0.0002
16	_____	15	M5	+0.217	+0.065	-0.043	-0.0000	-0.0000	-0.0002
16	_____	16	M6	+0.292	-0.046	-0.086	+0.0000	-0.0000	+0.0002
16	_____	17	M7	+0.217	+0.026	-0.098	-0.0000	-0.0000	-0.0001
16	_____	M+	A	+1.851	+0.218	+0.000	+0.0000	+0.0000	+0.0048
16	_____	M-	A	+0.000	-1.619	-0.639	-0.0012	-0.0000	-0.0011
17	_____	0	G	+1.281	-0.183	-0.447	-0.0009	-0.0001	-0.0001
17	_____	1	Q1	+0.232	-0.001	-0.093	-0.0000	-0.0000	+0.0029
17	_____	11	M1	+0.117	-0.013	-0.013	-0.0001	-0.0000	+0.0017
17	_____	12	M2	+0.381	-0.059	-0.084	-0.0003	-0.0000	-0.0016
17	_____	13	M3	+0.138	+0.023	-0.061	+0.0001	-0.0000	+0.0007
17	_____	14	M4	+0.135	-0.079	-0.008	-0.0004	-0.0000	-0.0004
17	_____	15	M5	+0.215	-0.007	-0.037	-0.0000	-0.0000	-0.0002
17	_____	16	M6	+0.294	+0.005	-0.084	+0.0000	-0.0000	+0.0002
17	_____	17	M7	+0.216	-0.003	-0.097	-0.0000	-0.0000	-0.0001
17	_____	M+	A	+1.824	+0.000	+0.000	+0.0000	+0.0000	+0.0040
17	_____	M-	A	+0.000	-0.263	-0.609	-0.0013	-0.0002	-0.0018
18	_____	0	G	+1.265	-0.348	-0.424	-0.0008	-0.0000	-0.0007
18	_____	1	Q1	+0.244	+1.014	-0.086	+0.0000	-0.0000	+0.0028
18	_____	11	M1	+0.122	+0.589	-0.010	-0.0001	-0.0000	+0.0017
18	_____	12	M2	+0.369	-0.678	-0.080	-0.0003	-0.0000	-0.0018
18	_____	13	M3	+0.147	+0.271	-0.057	+0.0001	-0.0000	+0.0007
18	_____	14	M4	+0.123	-0.296	-0.004	-0.0004	+0.0000	-0.0008
18	_____	15	M5	+0.215	-0.094	-0.031	-0.0000	-0.0000	-0.0003
18	_____	16	M6	+0.296	+0.065	-0.081	+0.0000	-0.0000	+0.0002
18	_____	17	M7	+0.215	-0.036	-0.096	-0.0000	-0.0000	-0.0001
18	_____	M+	A	+1.804	+1.078	+0.000	+0.0000	+0.0000	+0.0032

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
18		M-	A	+0.000	-1.026	-0.580	-0.0012	-0.0000	-0.0026
19		0	G	+1.246	-0.678	-0.426	-0.0007	+0.0000	-0.0011
19		1	Q1	+0.257	+1.987	-0.086	+0.0000	+0.0000	+0.0027
19		11	M1	+0.128	+1.160	-0.010	-0.0000	+0.0000	+0.0016
19		12	M2	+0.355	-1.340	-0.080	-0.0002	+0.0000	-0.0019
19		13	M3	+0.157	+0.533	-0.057	+0.0001	+0.0000	+0.0008
19		14	M4	+0.108	-0.599	-0.006	-0.0003	+0.0000	-0.0009
19		15	M5	+0.216	-0.185	-0.033	-0.0000	+0.0000	-0.0003
19		16	M6	+0.299	+0.129	-0.080	+0.0000	-0.0000	+0.0002
19		17	M7	+0.214	-0.072	-0.094	-0.0000	-0.0000	-0.0001
19		M+	A	+1.780	+2.120	+0.000	+0.0000	+0.0000	+0.0027
19		M-	A	+0.000	-2.018	-0.580	-0.0011	+0.0000	-0.0030
20		0	G	+1.227	-1.079	-0.427	-0.0006	-0.0000	-0.0011
20		1	Q1	+0.271	+2.908	-0.087	+0.0000	-0.0000	+0.0025
20		11	M1	+0.133	+1.692	-0.011	-0.0000	+0.0000	+0.0014
20		12	M2	+0.340	-2.009	-0.081	-0.0002	+0.0000	-0.0019
20		13	M3	+0.167	+0.808	-0.057	+0.0001	-0.0000	+0.0008
20		14	M4	+0.094	-0.943	-0.009	-0.0003	+0.0000	-0.0010
20		15	M5	+0.216	-0.276	-0.034	+0.0000	+0.0000	-0.0003
20		16	M6	+0.302	+0.195	-0.079	+0.0000	-0.0000	+0.0002
20		17	M7	+0.213	-0.108	-0.093	-0.0000	-0.0000	-0.0001
20		M+	A	+1.757	+3.015	+0.000	+0.0000	+0.0000	+0.0024
20		M-	A	+0.000	-3.087	-0.580	-0.0009	-0.0000	-0.0030
21		0	G	+1.208	-1.469	-0.423	-0.0005	-0.0000	-0.0010
21		1	Q1	+0.284	+3.771	-0.086	+0.0000	-0.0000	+0.0023
21		11	M1	+0.139	+2.183	-0.012	-0.0000	-0.0000	+0.0013
21		12	M2	+0.326	-2.645	-0.081	-0.0002	-0.0000	-0.0017
21		13	M3	+0.177	+1.090	-0.056	+0.0001	-0.0000	+0.0008
21		14	M4	+0.079	-1.282	-0.010	-0.0003	+0.0000	-0.0009
21		15	M5	+0.217	-0.365	-0.034	+0.0000	-0.0000	-0.0002
21		16	M6	+0.304	+0.264	-0.078	+0.0000	-0.0000	+0.0002
21		17	M7	+0.212	-0.146	-0.092	-0.0000	-0.0000	-0.0001
21		M+	A	+1.733	+3.830	+0.000	+0.0000	+0.0000	+0.0022
21		M-	A	+0.000	-4.114	-0.575	-0.0008	-0.0000	-0.0027
22		0	G	+1.189	-1.796	-0.417	-0.0004	-0.0000	-0.0008
22		1	Q1	+0.298	+4.565	-0.084	+0.0000	-0.0000	+0.0021
22		11	M1	+0.145	+2.627	-0.011	-0.0000	-0.0000	+0.0012
22		12	M2	+0.312	-3.218	-0.080	-0.0002	-0.0000	-0.0015
22		13	M3	+0.187	+1.378	-0.055	+0.0001	-0.0000	+0.0008
22		14	M4	+0.064	-1.586	-0.010	-0.0002	+0.0000	-0.0008
22		15	M5	+0.218	-0.445	-0.033	+0.0000	-0.0000	-0.0002
22		16	M6	+0.307	+0.333	-0.077	+0.0000	-0.0000	+0.0002
22		17	M7	+0.210	-0.184	-0.090	-0.0000	-0.0000	-0.0001
22		M+	A	+1.710	+4.608	+0.000	+0.0000	+0.0000	+0.0022
22		M-	A	+0.000	-5.014	-0.566	-0.0007	-0.0000	-0.0023
23		0	G	+1.170	-2.031	-0.411	-0.0003	-0.0000	-0.0005
23		1	Q1	+0.312	+5.284	-0.083	+0.0001	-0.0000	+0.0019
23		11	M1	+0.151	+3.019	-0.011	-0.0000	-0.0000	+0.0010
23		12	M2	+0.298	-3.708	-0.079	-0.0001	-0.0000	-0.0012
23		13	M3	+0.198	+1.666	-0.054	+0.0001	-0.0000	+0.0008
23		14	M4	+0.049	-1.840	-0.010	-0.0002	+0.0000	-0.0006
23		15	M5	+0.218	-0.512	-0.032	+0.0001	-0.0000	-0.0002
23		16	M6	+0.310	+0.403	-0.076	+0.0000	-0.0000	+0.0002
23		17	M7	+0.209	-0.223	-0.089	-0.0000	-0.0000	-0.0001
23		M+	A	+1.699	+5.367	+0.000	+0.0000	+0.0000	+0.0021
23		M-	A	+0.000	-5.738	-0.558	-0.0005	-0.0000	-0.0018
24		0	G	+1.153	-2.187	-0.405	-0.0003	-0.0000	-0.0004
24		1	Q1	+0.324	+5.936	-0.081	+0.0001	-0.0000	+0.0018
24		11	M1	+0.156	+3.367	-0.011	-0.0000	-0.0000	+0.0009
24		12	M2	+0.285	-4.121	-0.078	-0.0001	-0.0000	-0.0011
24		13	M3	+0.207	+1.953	-0.053	+0.0001	-0.0000	+0.0008
24		14	M4	+0.036	-2.053	-0.011	-0.0002	-0.0000	-0.0006
24		15	M5	+0.219	-0.566	-0.031	+0.0001	-0.0000	-0.0001
24		16	M6	+0.313	+0.473	-0.074	+0.0000	-0.0000	+0.0002
24		17	M7	+0.208	-0.261	-0.088	-0.0000	-0.0000	-0.0001
24		M+	A	+1.696	+6.106	+0.000	+0.0000	+0.0000	+0.0020
24		M-	A	+0.000	-6.308	-0.549	-0.0005	-0.0000	-0.0014
25		0	G	+1.136	-2.298	-0.397	-0.0002	-0.0000	-0.0003
25		1	Q1	+0.336	+6.531	-0.079	+0.0001	-0.0000	+0.0016
25		11	M1	+0.161	+3.677	-0.010	+0.0000	-0.0000	+0.0008
25		12	M2	+0.273	-4.476	-0.076	-0.0001	-0.0000	-0.0009
25		13	M3	+0.216	+2.236	-0.052	+0.0001	-0.0000	+0.0008
25		14	M4	+0.023	-2.238	-0.010	-0.0002	-0.0000	-0.0005
25		15	M5	+0.220	-0.607	-0.031	+0.0001	-0.0000	-0.0001
25		16	M6	+0.315	+0.541	-0.073	+0.0000	-0.0000	+0.0002
25		17	M7	+0.207	-0.298	-0.086	-0.0000	-0.0000	-0.0001
25		M+	A	+1.693	+6.807	+0.000	+0.0000	+0.0000	+0.0019
25		M-	A	+0.000	-6.774	-0.539	-0.0004	-0.0000	-0.0012
26		0	G	+1.146	-2.365	-0.389	-0.0001	-0.0000	-0.0001
26		1	Q1	+0.339	+7.045	-0.078	+0.0001	-0.0000	+0.0013
26		11	M1	+0.162	+3.937	-0.010	+0.0000	-0.0000	+0.0006
26		12	M2	+0.275	-4.761	-0.075	-0.0001	-0.0000	-0.0007
26		13	M3	+0.217	+2.504	-0.051	+0.0001	-0.0000	+0.0007
26		14	M4	+0.026	-2.385	-0.010	-0.0001	-0.0000	-0.0003
26		15	M5	+0.222	-0.627	-0.030	+0.0001	-0.0000	-0.0000
26		16	M6	+0.316	+0.605	-0.072	+0.0000	-0.0000	+0.0002
26		17	M7	+0.207	-0.334	-0.085	-0.0000	-0.0000	-0.0001
26		M+	A	+1.705	+7.436	+0.000	+0.0000	+0.0000	+0.0017
26		M-	A	+0.000	-7.126	-0.528	-0.0003	-0.0000	-0.0008
27		0	G	+1.156	-2.346	-0.383	-0.0000	-0.0000	+0.0002
27		1	Q1	+0.342	+7.396	-0.077	+0.0001	-0.0000	+0.0007
27		11	M1	+0.164	+4.103	-0.010	+0.0000	-0.0000	+0.0003
27		12	M2	+0.278	-4.912	-0.074	-0.0001	-0.0000	-0.0002
27		13	M3	+0.218	+2.723	-0.050	+0.0001	-0.0000	+0.0005
27		14	M4	+0.029	-2.451	-0.009	-0.0001	-0.0000	-0.0000
27		15	M5	+0.226	-0.615	-0.029	+0.0001	-0.0000	+0.0001
27		16	M6	+0.316	+0.657	-0.071	+0.0000	-0.0000	+0.0001
27		17	M7	+0.207	-0.362	-0.083	-0.0000	-0.0000	-0.0001
27		M+	A	+1.719	+7.922	+0.000	+0.0002	+0.0000	+0.0012
27		M-	A	+0.000	-7.258	-0.520	-0.0001	-0.0000	+0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
28	_____	0	G	+1.166	-2.226	-0.376	+0.0001	-0.0000	+0.0005
28	_____	1	Q1	+0.345	+7.499	-0.075	+0.0001	-0.0000	-0.0001
28	_____	11	M1	+0.166	+4.133	-0.010	+0.0000	-0.0000	-0.0001
28	_____	12	M2	+0.280	-4.875	-0.072	-0.0001	-0.0000	+0.0004
28	_____	13	M3	+0.219	+2.846	-0.050	+0.0001	-0.0000	+0.0002
28	_____	14	M4	+0.032	-2.406	-0.009	-0.0001	-0.0000	+0.0003
28	_____	15	M5	+0.229	-0.568	-0.029	+0.0001	-0.0000	+0.0002
28	_____	16	M6	+0.317	+0.686	-0.069	+0.0000	-0.0000	+0.0000
28	_____	17	M7	+0.207	-0.378	-0.082	-0.0000	-0.0000	-0.0000
28	_____	M+	A	+1.733	+8.167	+0.000	+0.0003	+0.0000	+0.0008
28	_____	M-	A	+0.000	-7.100	-0.511	-0.0000	-0.0000	+0.0000
29	_____	0	G	+1.175	-2.043	-0.367	+0.0002	-0.0000	+0.0005
29	_____	1	Q1	+0.347	+7.362	-0.073	+0.0001	-0.0000	-0.0007
29	_____	11	M1	+0.167	+4.036	-0.009	+0.0000	-0.0000	-0.0004
29	_____	12	M2	+0.282	-4.677	-0.070	-0.0000	-0.0000	+0.0007
29	_____	13	M3	+0.221	+2.867	-0.049	+0.0001	-0.0000	-0.0001
29	_____	14	M4	+0.034	-2.270	-0.008	-0.0001	-0.0000	+0.0005
29	_____	15	M5	+0.232	-0.503	-0.028	+0.0002	-0.0000	+0.0002
29	_____	16	M6	+0.318	+0.690	-0.068	+0.0000	-0.0000	-0.0000
29	_____	17	M7	+0.207	-0.380	-0.081	-0.0000	-0.0000	+0.0000
29	_____	M+	A	+1.745	+8.144	+0.000	+0.0004	+0.0000	+0.0013
29	_____	M-	A	+0.000	-6.720	-0.499	+0.0000	-0.0000	-0.0004
30	_____	0	G	+1.147	-1.858	-0.357	+0.0003	-0.0000	+0.0005
30	_____	1	Q1	+0.324	+7.026	-0.071	+0.0002	-0.0000	-0.0012
30	_____	11	M1	+0.156	+3.834	-0.009	+0.0001	-0.0000	-0.0007
30	_____	12	M2	+0.283	-4.369	-0.069	-0.0000	-0.0000	+0.0010
30	_____	13	M3	+0.207	+2.795	-0.047	+0.0001	-0.0000	-0.0003
30	_____	14	M4	+0.032	-2.081	-0.008	-0.0000	-0.0000	+0.0006
30	_____	15	M5	+0.217	-0.443	-0.026	+0.0002	-0.0000	+0.0002
30	_____	16	M6	+0.315	+0.670	-0.067	+0.0000	-0.0000	-0.0001
30	_____	17	M7	+0.209	-0.370	-0.079	-0.0000	-0.0000	+0.0000
30	_____	M+	A	+1.691	+7.852	+0.000	+0.0006	+0.0000	+0.0015
30	_____	M-	A	+0.000	-6.227	-0.487	+0.0000	-0.0000	-0.0012
31	_____	0	G	+1.119	-1.668	-0.350	+0.0004	-0.0000	+0.0006
31	_____	1	Q1	+0.300	+6.510	-0.069	+0.0002	-0.0000	-0.0017
31	_____	11	M1	+0.145	+3.541	-0.008	+0.0001	-0.0000	-0.0009
31	_____	12	M2	+0.285	-3.970	-0.068	-0.0000	-0.0000	+0.0012
31	_____	13	M3	+0.193	+2.636	-0.046	+0.0001	-0.0000	-0.0006
31	_____	14	M4	+0.030	-1.853	-0.007	-0.0000	+0.0000	+0.0007
31	_____	15	M5	+0.201	-0.392	-0.025	+0.0003	-0.0000	+0.0001
31	_____	16	M6	+0.312	+0.630	-0.066	+0.0000	-0.0000	-0.0001
31	_____	17	M7	+0.211	-0.348	-0.078	-0.0000	-0.0000	+0.0001
31	_____	M+	A	+1.640	+7.321	+0.000	+0.0008	+0.0000	+0.0018
31	_____	M-	A	+0.000	-5.638	-0.476	+0.0000	-0.0000	-0.0018
32	_____	0	G	+1.087	-1.445	-0.341	+0.0006	-0.0000	+0.0007
32	_____	1	Q1	+0.273	+5.795	-0.067	+0.0003	-0.0000	-0.0023
32	_____	11	M1	+0.132	+3.145	-0.007	+0.0001	-0.0000	-0.0013
32	_____	12	M2	+0.286	-3.464	-0.066	+0.0000	-0.0000	+0.0016
32	_____	13	M3	+0.177	+2.380	-0.045	+0.0001	-0.0000	-0.0009
32	_____	14	M4	+0.027	-1.588	-0.007	-0.0000	-0.0000	+0.0008
32	_____	15	M5	+0.184	-0.335	-0.024	+0.0003	-0.0000	+0.0002
32	_____	16	M6	+0.308	+0.566	-0.064	+0.0000	-0.0000	-0.0002
32	_____	17	M7	+0.213	-0.313	-0.076	-0.0000	-0.0000	+0.0001
32	_____	M+	A	+1.586	+6.551	+0.000	+0.0011	+0.0000	+0.0023
32	_____	M-	A	+0.000	-4.909	-0.464	+0.0000	-0.0000	-0.0025
33	_____	0	G	+1.055	-1.176	-0.331	+0.0008	-0.0000	+0.0008
33	_____	1	Q1	+0.246	+4.870	-0.064	+0.0003	-0.0000	-0.0029
33	_____	11	M1	+0.119	+2.640	-0.006	+0.0001	-0.0000	-0.0016
33	_____	12	M2	+0.287	-2.852	-0.065	+0.0000	-0.0000	+0.0018
33	_____	13	M3	+0.162	+2.022	-0.043	+0.0002	-0.0000	-0.0011
33	_____	14	M4	+0.025	-1.288	-0.007	+0.0000	-0.0000	+0.0009
33	_____	15	M5	+0.167	-0.266	-0.021	+0.0004	-0.0000	+0.0002
33	_____	16	M6	+0.305	+0.478	-0.063	+0.0000	-0.0000	-0.0003
33	_____	17	M7	+0.216	-0.264	-0.075	-0.0000	-0.0000	+0.0002
33	_____	M+	A	+1.532	+5.542	+0.000	+0.0014	+0.0000	+0.0027
33	_____	M-	A	+0.000	-4.027	-0.451	+0.0000	-0.0000	-0.0031
34	_____	0	G	+1.023	-0.878	-0.323	+0.0009	-0.0000	+0.0008
34	_____	1	Q1	+0.220	+3.773	-0.062	+0.0004	-0.0000	-0.0033
34	_____	11	M1	+0.107	+2.047	-0.006	+0.0002	+0.0000	-0.0018
34	_____	12	M2	+0.289	-2.166	-0.064	+0.0000	-0.0000	+0.0020
34	_____	13	M3	+0.146	+1.580	-0.042	+0.0002	-0.0000	-0.0013
34	_____	14	M4	+0.022	-0.968	-0.007	+0.0000	-0.0000	+0.0009
34	_____	15	M5	+0.150	-0.188	-0.020	+0.0005	-0.0000	+0.0002
34	_____	16	M6	+0.301	+0.371	-0.062	+0.0000	+0.0000	-0.0003
34	_____	17	M7	+0.218	-0.206	-0.074	-0.0000	-0.0000	+0.0002
34	_____	M+	A	+1.477	+4.328	+0.000	+0.0017	+0.0000	+0.0028
34	_____	M-	A	+0.000	-3.044	-0.440	+0.0000	-0.0000	-0.0037
35	_____	0	G	+0.991	-0.595	-0.319	+0.0011	+0.0000	+0.0007
35	_____	1	Q1	+0.193	+2.546	-0.062	+0.0005	+0.0000	-0.0036
35	_____	11	M1	+0.094	+1.385	-0.007	+0.0002	+0.0000	-0.0019
35	_____	12	M2	+0.290	-1.443	-0.063	+0.0001	-0.0000	+0.0021
35	_____	13	M3	+0.130	+1.072	-0.042	+0.0002	+0.0000	-0.0015
35	_____	14	M4	+0.020	-0.642	-0.005	+0.0001	-0.0000	+0.0009
35	_____	15	M5	+0.132	-0.122	-0.020	+0.0005	+0.0000	+0.0001
35	_____	16	M6	+0.298	+0.250	-0.063	+0.0000	+0.0000	-0.0004
35	_____	17	M7	+0.220	-0.139	-0.073	-0.0000	-0.0000	+0.0002
35	_____	M+	A	+1.423	+2.920	+0.000	+0.0019	+0.0000	+0.0028
35	_____	M-	A	+0.000	-2.038	-0.436	+0.0000	-0.0000	-0.0042
36	_____	0	G	+0.959	-0.395	-0.323	+0.0013	+0.0000	+0.0004
36	_____	1	Q1	+0.166	+1.226	-0.066	+0.0005	+0.0000	-0.0038
36	_____	11	M1	+0.082	+0.673	-0.009	+0.0002	+0.0000	-0.0021
36	_____	12	M2	+0.291	-0.718	-0.062	+0.0001	-0.0000	+0.0020
36	_____	13	M3	+0.115	+0.517	-0.044	+0.0002	+0.0000	-0.0016
36	_____	14	M4	+0.017	-0.323	-0.005	+0.0001	+0.0000	+0.0009
36	_____	15	M5	+0.115	-0.102	-0.023	+0.0006	+0.0000	-0.0000
36	_____	16	M6	+0.294	+0.119	-0.064	+0.0001	-0.0000	-0.0004
36	_____	17	M7	+0.223	-0.067	-0.072	-0.0000	-0.0000	+0.0002
36	_____	M+	A	+1.369	+1.303	+0.000	+0.0022	+0.0000	+0.0024
36	_____	M-	A	+0.000	-1.112	-0.442	+0.0000	+0.0000	-0.0049
37	_____	0	G	+0.932	-0.362	-0.322	+0.0014	-0.0000	-0.0002
37	_____	1	Q1	+0.144	-0.144	-0.064	+0.0006	-0.0000	-0.0039

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
37		11	M1	+0.071	-0.066	-0.008	+0.0002	-0.0000	-0.0021
37		12	M2	+0.292	-0.023	-0.062	+0.0001	-0.0000	+0.0019
37		13	M3	+0.102	-0.065	-0.042	+0.0002	-0.0000	-0.0017
37		14	M4	+0.015	-0.024	-0.008	+0.0001	+0.0000	+0.0008
37		15	M5	+0.101	-0.163	-0.025	+0.0006	-0.0000	-0.0003
37		16	M6	+0.291	-0.015	-0.059	+0.0001	-0.0000	-0.0004
37		17	M7	+0.224	+0.006	-0.070	-0.0000	-0.0000	+0.0002
37		M+	A	+1.325	+0.000	+0.000	+0.0024	+0.0000	+0.0017
37		M-	A	+0.000	-0.626	-0.436	+0.0000	-0.0001	-0.0056
38		0	G	+0.907	-0.563	-0.303	+0.0013	-0.0000	-0.0008
38		1	Q1	+0.132	-1.613	-0.056	+0.0005	-0.0000	-0.0043
38		11	M1	+0.067	-0.864	-0.004	+0.0002	-0.0000	-0.0023
38		12	M2	+0.290	+0.653	-0.060	+0.0001	-0.0000	+0.0019
38		13	M3	+0.093	-0.696	-0.037	+0.0002	-0.0000	-0.0019
38		14	M4	+0.010	+0.260	-0.011	+0.0001	-0.0000	+0.0008
38		15	M5	+0.087	-0.339	-0.020	+0.0006	-0.0000	-0.0006
38		16	M6	+0.291	-0.155	-0.053	+0.0001	-0.0000	-0.0004
38		17	M7	+0.227	+0.083	-0.068	-0.0000	-0.0000	+0.0002
38		M+	A	+1.289	+0.090	+0.000	+0.0023	+0.0000	+0.0011
38		M-	A	+0.000	-2.781	-0.410	+0.0000	-0.0001	-0.0068
39		0	G	+0.877	-0.934	-0.292	+0.0012	-0.0000	-0.0012
39		1	Q1	+0.117	-3.176	-0.053	+0.0005	-0.0000	-0.0044
39		11	M1	+0.061	-1.718	-0.004	+0.0002	+0.0000	-0.0024
39		12	M2	+0.287	+1.323	-0.059	+0.0001	-0.0000	+0.0019
39		13	M3	+0.084	-1.381	-0.036	+0.0002	+0.0000	-0.0020
39		14	M4	+0.004	+0.535	-0.009	+0.0001	-0.0000	+0.0007
39		15	M5	+0.071	-0.602	-0.017	+0.0005	-0.0000	-0.0008
39		16	M6	+0.290	-0.303	-0.054	+0.0001	+0.0000	-0.0004
39		17	M7	+0.229	+0.164	-0.067	-0.0000	-0.0000	+0.0002
39		M+	A	+1.249	+0.389	+0.000	+0.0021	+0.0000	+0.0007
39		M-	A	+0.000	-5.312	-0.396	+0.0000	-0.0000	-0.0073
40		0	G	+0.847	-1.386	-0.287	+0.0012	-0.0000	-0.0013
40		1	Q1	+0.103	-4.742	-0.054	+0.0005	+0.0000	-0.0043
40		11	M1	+0.056	-2.569	-0.005	+0.0002	+0.0000	-0.0023
40		12	M2	+0.284	+1.971	-0.057	+0.0001	-0.0000	+0.0018
40		13	M3	+0.074	-2.082	-0.036	+0.0002	+0.0000	-0.0020
40		14	M4	-0.003	+0.791	-0.007	+0.0001	-0.0000	+0.0007
40		15	M5	+0.055	-0.906	-0.016	+0.0005	+0.0000	-0.0009
40		16	M6	+0.290	-0.455	-0.055	+0.0001	+0.0000	-0.0004
40		17	M7	+0.232	+0.249	-0.066	-0.0000	-0.0000	+0.0002
40		M+	A	+1.209	+0.585	+0.000	+0.0020	+0.0000	+0.0005
40		M-	A	+0.000	-7.926	-0.391	+0.0000	-0.0000	-0.0073
41		0	G	+0.817	-1.850	-0.286	+0.0011	-0.0000	-0.0013
41		1	Q1	+0.088	-6.235	-0.055	+0.0004	+0.0000	-0.0040
41		11	M1	+0.051	-3.369	-0.006	+0.0002	+0.0000	-0.0021
41		12	M2	+0.280	+2.582	-0.056	+0.0001	-0.0000	+0.0016
41		13	M3	+0.064	-2.764	-0.037	+0.0002	+0.0000	-0.0018
41		14	M4	-0.009	+1.020	-0.006	+0.0000	-0.0000	+0.0006
41		15	M5	+0.038	-1.213	-0.017	+0.0004	+0.0000	-0.0008
41		16	M6	+0.289	-0.609	-0.055	+0.0001	-0.0000	-0.0004
41		17	M7	+0.235	+0.336	-0.065	-0.0000	-0.0000	+0.0002
41		M+	A	+1.169	+0.733	+0.000	+0.0018	+0.0000	+0.0004
41		M-	A	+0.000	-10.443	-0.389	+0.0000	-0.0000	-0.0067
42		0	G	+0.787	-2.275	-0.284	+0.0010	-0.0000	-0.0011
42		1	Q1	+0.074	-7.586	-0.055	+0.0004	+0.0000	-0.0035
42		11	M1	+0.045	-4.071	-0.006	+0.0002	+0.0000	-0.0018
42		12	M2	+0.277	+3.137	-0.056	+0.0001	-0.0000	+0.0015
42		13	M3	+0.054	-3.387	-0.037	+0.0002	-0.0000	-0.0016
42		14	M4	-0.015	+1.211	-0.006	+0.0000	+0.0000	+0.0005
42		15	M5	+0.022	-1.491	-0.019	+0.0004	+0.0000	-0.0007
42		16	M6	+0.289	-0.759	-0.055	+0.0001	-0.0000	-0.0004
42		17	M7	+0.237	+0.425	-0.063	+0.0000	-0.0000	+0.0002
42		M+	A	+1.128	+0.862	+0.000	+0.0016	+0.0000	+0.0003
42		M-	A	+0.000	-12.710	-0.386	+0.0000	-0.0000	-0.0059
43		0	G	+0.758	-2.642	-0.281	+0.0009	-0.0000	-0.0009
43		1	Q1	+0.060	-8.756	-0.056	+0.0004	-0.0000	-0.0030
43		11	M1	+0.040	-4.646	-0.007	+0.0002	+0.0000	-0.0014
43		12	M2	+0.274	+3.620	-0.055	+0.0001	-0.0000	+0.0012
43		13	M3	+0.044	-3.929	-0.037	+0.0001	-0.0000	-0.0014
43		14	M4	-0.022	+1.355	-0.006	+0.0000	-0.0000	+0.0003
43		15	M5	+0.006	-1.732	-0.019	+0.0003	+0.0000	-0.0006
43		16	M6	+0.289	-0.903	-0.054	+0.0002	-0.0000	-0.0004
43		17	M7	+0.240	+0.514	-0.062	+0.0000	-0.0000	+0.0003
43		M+	A	+1.088	+0.978	+0.000	+0.0015	+0.0000	+0.0003
43		M-	A	+0.000	-14.650	-0.382	+0.0000	-0.0000	-0.0049
44		0	G	+0.731	-2.965	-0.277	+0.0009	-0.0000	-0.0009
44		1	Q1	+0.047	-9.759	-0.055	+0.0003	-0.0000	-0.0026
44		11	M1	+0.035	-5.106	-0.007	+0.0001	+0.0000	-0.0012
44		12	M2	+0.272	+4.033	-0.054	+0.0001	-0.0000	+0.0011
44		13	M3	+0.036	-4.393	-0.036	+0.0001	-0.0000	-0.0012
44		14	M4	-0.027	+1.455	-0.006	+0.0000	-0.0000	+0.0002
44		15	M5	-0.009	-1.944	-0.020	+0.0003	+0.0000	-0.0006
44		16	M6	+0.288	-1.038	-0.053	+0.0002	-0.0000	-0.0004
44		17	M7	+0.242	+0.603	-0.061	+0.0000	-0.0000	+0.0002
44		M+	A	+1.052	+1.067	+0.000	+0.0014	+0.0000	+0.0002
44		M-	A	+0.000	-16.299	-0.377	+0.0000	-0.0000	-0.0043
45		0	G	+0.705	-3.275	-0.272	+0.0008	-0.0000	-0.0009
45		1	Q1	+0.034	-10.631	-0.055	+0.0003	-0.0000	-0.0023
45		11	M1	+0.031	-5.478	-0.007	+0.0001	+0.0000	-0.0009
45		12	M2	+0.269	+4.381	-0.052	+0.0001	-0.0000	+0.0009
45		13	M3	+0.027	-4.795	-0.036	+0.0001	-0.0000	-0.0010
45		14	M4	-0.033	+1.516	-0.006	+0.0000	+0.0000	+0.0001
45		15	M5	-0.023	-2.139	-0.020	+0.0002	+0.0000	-0.0005
45		16	M6	+0.288	-1.165	-0.052	+0.0002	-0.0000	-0.0003
45		17	M7	+0.245	+0.691	-0.059	+0.0000	-0.0000	+0.0002
45		M+	A	+1.017	+1.106	+0.000	+0.0013	+0.0000	+0.0000
45		M-	A	+0.000	-17.740	-0.370	+0.0000	-0.0000	-0.0039
46		0	G	+0.716	-3.569	-0.267	+0.0008	-0.0000	-0.0007
46		1	Q1	+0.039	-11.337	-0.054	+0.0003	-0.0000	-0.0017
46		11	M1	+0.033	-5.747	-0.007	+0.0001	-0.0000	-0.0006
46		12	M2	+0.271	+4.651	-0.051	+0.0001	-0.0000	+0.0006

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
46	_____	13	M3	+0.030	-5.120	-0.035	+0.0001	-0.0000	-0.0008
46	_____	14	M4	-0.032	+1.532	-0.006	+0.0000	-0.0000	-0.0000
46	_____	15	M5	-0.020	-2.310	-0.020	+0.0002	-0.0000	-0.0004
46	_____	16	M6	+0.291	-1.277	-0.050	+0.0002	-0.0000	-0.0003
46	_____	17	M7	+0.245	+0.776	-0.058	+0.0000	-0.0000	+0.0002
46	_____	M+	A	+1.034	+1.083	+0.000	+0.0013	+0.0000	+0.0000
46	_____	M-	A	+0.000	-18.928	-0.362	+0.0000	-0.0000	-0.0030
47	_____	0	G	+0.729	-3.778	-0.261	+0.0009	-0.0000	-0.0004
47	_____	1	Q1	+0.044	-11.752	-0.053	+0.0004	-0.0000	-0.0006
47	_____	11	M1	+0.037	-5.846	-0.007	+0.0001	-0.0000	+0.0000
47	_____	12	M2	+0.273	+4.808	-0.050	+0.0001	-0.0000	+0.0002
47	_____	13	M3	+0.033	-5.312	-0.034	+0.0001	-0.0000	-0.0003
47	_____	14	M4	-0.031	+1.498	-0.006	-0.0000	-0.0000	-0.0002
47	_____	15	M5	-0.016	-2.411	-0.020	+0.0002	-0.0000	-0.0001
47	_____	16	M6	+0.294	-1.352	-0.049	+0.0003	-0.0000	-0.0001
47	_____	17	M7	+0.246	+0.849	-0.056	+0.0000	-0.0000	+0.0002
47	_____	M+	A	+1.054	+1.030	+0.000	+0.0014	+0.0000	+0.0000
47	_____	M-	A	+0.000	-19.623	-0.354	+0.0000	-0.0000	-0.0012
48	_____	0	G	+0.742	-3.856	-0.255	+0.0009	-0.0000	-0.0000
48	_____	1	Q1	+0.050	-11.780	-0.052	+0.0004	-0.0000	+0.0005
48	_____	11	M1	+0.040	-5.736	-0.007	+0.0002	-0.0000	+0.0006
48	_____	12	M2	+0.275	+4.823	-0.049	+0.0001	-0.0000	-0.0002
48	_____	13	M3	+0.036	-5.326	-0.034	+0.0001	-0.0000	+0.0002
48	_____	14	M4	-0.030	+1.415	-0.006	-0.0000	-0.0000	-0.0003
48	_____	15	M5	-0.012	-2.412	-0.019	+0.0002	-0.0000	+0.0001
48	_____	16	M6	+0.298	-1.373	-0.049	+0.0003	-0.0000	+0.0000
48	_____	17	M7	+0.247	+0.899	-0.055	+0.0000	-0.0000	+0.0001
48	_____	M+	A	+1.075	+0.967	+0.000	+0.0015	+0.0000	+0.0009
48	_____	M-	A	+0.000	-19.651	-0.347	+0.0000	-0.0000	-0.0003
49	_____	0	G	+0.755	-3.796	-0.250	+0.0010	-0.0000	+0.0003
49	_____	1	Q1	+0.056	-11.418	-0.051	+0.0004	-0.0000	+0.0015
49	_____	11	M1	+0.043	-5.429	-0.007	+0.0002	-0.0000	+0.0011
49	_____	12	M2	+0.278	+4.693	-0.048	+0.0001	-0.0000	-0.0006
49	_____	13	M3	+0.039	-5.154	-0.033	+0.0001	-0.0000	+0.0007
49	_____	14	M4	-0.029	+1.295	-0.006	-0.0000	-0.0000	-0.0004
49	_____	15	M5	-0.008	-2.311	-0.019	+0.0002	-0.0000	+0.0004
49	_____	16	M6	+0.301	-1.341	-0.048	+0.0004	-0.0000	+0.0002
49	_____	17	M7	+0.247	+0.918	-0.053	+0.0000	-0.0000	+0.0000
49	_____	M+	A	+1.095	+0.896	+0.000	+0.0016	+0.0000	+0.0027
49	_____	M-	A	+0.000	-19.015	-0.338	+0.0000	-0.0000	-0.0002
50	_____	0	G	+0.766	-3.639	-0.242	+0.0010	-0.0000	+0.0005
50	_____	1	Q1	+0.060	-10.762	-0.049	+0.0004	-0.0000	+0.0021
50	_____	11	M1	+0.046	-4.987	-0.007	+0.0002	-0.0000	+0.0014
50	_____	12	M2	+0.280	+4.443	-0.046	+0.0001	-0.0000	-0.0008
50	_____	13	M3	+0.041	-4.838	-0.032	+0.0001	-0.0000	+0.0010
50	_____	14	M4	-0.029	+1.156	-0.006	-0.0000	+0.0000	-0.0004
50	_____	15	M5	-0.005	-2.136	-0.019	+0.0001	-0.0000	+0.0006
50	_____	16	M6	+0.304	-1.275	-0.046	+0.0004	-0.0000	+0.0002
50	_____	17	M7	+0.248	+0.906	-0.052	+0.0000	-0.0000	-0.0001
50	_____	M+	A	+1.112	+0.804	+0.000	+0.0017	+0.0000	+0.0036
50	_____	M-	A	+0.000	-17.892	-0.328	+0.0000	-0.0000	-0.0003
51	_____	0	G	+0.744	-3.448	-0.235	+0.0011	-0.0000	+0.0006
51	_____	1	Q1	+0.049	-9.935	-0.048	+0.0005	-0.0000	+0.0025
51	_____	11	M1	+0.036	-4.478	-0.007	+0.0002	+0.0000	+0.0015
51	_____	12	M2	+0.275	+4.108	-0.045	+0.0002	-0.0000	-0.0010
51	_____	13	M3	+0.037	-4.435	-0.031	+0.0001	-0.0000	+0.0012
51	_____	14	M4	-0.025	+1.011	-0.006	-0.0000	-0.0000	-0.0004
51	_____	15	M5	-0.007	-1.925	-0.019	+0.0001	-0.0000	+0.0006
51	_____	16	M6	+0.291	-1.203	-0.044	+0.0004	-0.0000	+0.0002
51	_____	17	M7	+0.245	+0.867	-0.050	+0.0000	-0.0000	-0.0001
51	_____	M+	A	+1.069	+0.660	+0.000	+0.0019	+0.0000	+0.0041
51	_____	M-	A	+0.000	-16.517	-0.319	+0.0000	-0.0000	-0.0005
52	_____	0	G	+0.722	-3.226	-0.232	+0.0013	-0.0000	+0.0007
52	_____	1	Q1	+0.038	-8.970	-0.048	+0.0005	+0.0000	+0.0029
52	_____	11	M1	+0.027	-3.924	-0.007	+0.0002	+0.0000	+0.0016
52	_____	12	M2	+0.271	+3.701	-0.044	+0.0002	-0.0000	-0.0012
52	_____	13	M3	+0.032	-3.964	-0.030	+0.0002	-0.0000	+0.0014
52	_____	14	M4	-0.021	+0.866	-0.005	-0.0000	-0.0000	-0.0004
52	_____	15	M5	-0.009	-1.694	-0.018	+0.0001	+0.0000	+0.0007
52	_____	16	M6	+0.277	-1.126	-0.044	+0.0005	+0.0000	+0.0002
52	_____	17	M7	+0.241	+0.803	-0.049	+0.0001	-0.0000	-0.0002
52	_____	M+	A	+1.025	+0.474	+0.000	+0.0021	+0.0000	+0.0047
52	_____	M-	A	+0.000	-14.972	-0.314	+0.0000	-0.0000	-0.0005
53	_____	0	G	+0.697	-2.942	-0.228	+0.0014	-0.0000	+0.0009
53	_____	1	Q1	+0.025	-7.833	-0.048	+0.0006	+0.0000	+0.0035
53	_____	11	M1	+0.016	-3.328	-0.008	+0.0002	+0.0000	+0.0017
53	_____	12	M2	+0.266	+3.213	-0.043	+0.0002	-0.0000	-0.0015
53	_____	13	M3	+0.027	-3.417	-0.030	+0.0002	-0.0000	+0.0016
53	_____	14	M4	-0.017	+0.720	-0.005	-0.0000	-0.0000	-0.0004
53	_____	15	M5	-0.012	-1.441	-0.019	+0.0001	+0.0000	+0.0007
53	_____	16	M6	+0.262	-1.033	-0.044	+0.0006	-0.0000	+0.0003
53	_____	17	M7	+0.237	+0.712	-0.047	+0.0001	-0.0000	-0.0003
53	_____	M+	A	+0.980	+0.272	+0.000	+0.0024	+0.0000	+0.0056
53	_____	M-	A	+0.000	-13.167	-0.309	+0.0000	-0.0000	-0.0006
54	_____	0	G	+0.672	-2.579	-0.224	+0.0016	-0.0000	+0.0011
54	_____	1	Q1	+0.012	-6.509	-0.048	+0.0006	-0.0000	+0.0039
54	_____	11	M1	+0.005	-2.697	-0.008	+0.0002	+0.0000	+0.0018
54	_____	12	M2	+0.262	+2.642	-0.042	+0.0002	-0.0000	-0.0017
54	_____	13	M3	+0.021	-2.798	-0.030	+0.0002	-0.0000	+0.0018
54	_____	14	M4	-0.013	+0.576	-0.005	-0.0000	-0.0000	-0.0004
54	_____	15	M5	-0.014	-1.172	-0.019	+0.0001	-0.0000	+0.0008
54	_____	16	M6	+0.246	-0.914	-0.044	+0.0007	-0.0000	+0.0004
54	_____	17	M7	+0.234	+0.592	-0.046	+0.0001	-0.0000	-0.0004
54	_____	M+	A	+0.942	+0.062	+0.000	+0.0027	+0.0000	+0.0063
54	_____	M-	A	+0.000	-11.047	-0.304	+0.0000	-0.0000	-0.0006
55	_____	0	G	+0.647	-2.163	-0.221	+0.0017	-0.0000	+0.0012
55	_____	1	Q1	-0.001	-5.037	-0.047	+0.0007	-0.0000	+0.0043
55	_____	11	M1	-0.006	-2.048	-0.008	+0.0003	-0.0000	+0.0018
55	_____	12	M2	+0.257	+1.999	-0.041	+0.0002	-0.0000	-0.0019
55	_____	13	M3	+0.016	-2.133	-0.029	+0.0002	-0.0000	+0.0019
55	_____	14	M4	-0.009	+0.433	-0.005	-0.0000	-0.0000	-0.0004

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
55	_____	15	M5	-0.016	-0.892	-0.018	+0.0001	-0.0000	+0.0008
55	_____	16	M6	+0.231	-0.775	-0.044	+0.0007	+0.0000	+0.0004
55	_____	17	M7	+0.230	+0.449	-0.045	+0.0001	-0.0000	-0.0004
55	_____	M+	A	+0.904	+0.000	+0.000	+0.0029	+0.0000	+0.0068
55	_____	M-	A	+0.000	-8.693	-0.299	+0.0000	-0.0000	-0.0007
56	_____	0	G	+0.622	-1.744	-0.219	+0.0019	+0.0000	+0.0011
56	_____	1	Q1	-0.014	-3.489	-0.047	+0.0007	+0.0000	+0.0044
56	_____	11	M1	-0.016	-1.404	-0.008	+0.0003	+0.0000	+0.0018
56	_____	12	M2	+0.252	+1.305	-0.041	+0.0003	+0.0000	-0.0020
56	_____	13	M3	+0.010	-1.453	-0.028	+0.0002	-0.0000	+0.0019
56	_____	14	M4	-0.005	+0.296	-0.004	-0.0001	-0.0000	-0.0004
56	_____	15	M5	-0.019	-0.613	-0.017	+0.0001	-0.0000	+0.0008
56	_____	16	M6	+0.216	-0.641	-0.045	+0.0008	+0.0000	+0.0003
56	_____	17	M7	+0.226	+0.289	-0.045	+0.0001	+0.0000	-0.0005
56	_____	M+	A	+0.874	+0.000	+0.000	+0.0032	+0.0000	+0.0068
56	_____	M-	A	+0.000	-6.250	-0.298	+0.0000	-0.0000	-0.0009
57	_____	0	G	+0.597	-1.399	-0.224	+0.0020	+0.0000	+0.0008
57	_____	1	Q1	-0.027	-1.941	-0.049	+0.0008	+0.0000	+0.0042
57	_____	11	M1	-0.027	-0.781	-0.009	+0.0003	+0.0000	+0.0017
57	_____	12	M2	+0.248	+0.575	-0.042	+0.0003	+0.0000	-0.0021
57	_____	13	M3	+0.005	-0.784	-0.028	+0.0002	+0.0000	+0.0018
57	_____	14	M4	-0.000	+0.164	-0.003	-0.0001	-0.0000	-0.0004
57	_____	15	M5	-0.021	-0.341	-0.016	+0.0001	+0.0000	+0.0007
57	_____	16	M6	+0.200	-0.549	-0.049	+0.0009	+0.0000	+0.0002
57	_____	17	M7	+0.222	+0.118	-0.045	+0.0001	-0.0000	-0.0005
57	_____	M+	A	+0.844	+0.000	+0.000	+0.0035	+0.0000	+0.0063
57	_____	M-	A	+0.000	-3.888	-0.307	+0.0000	+0.0000	-0.0013
58	_____	0	G	+0.575	-1.218	-0.231	+0.0021	+0.0000	+0.0002
58	_____	1	Q1	-0.038	-0.485	-0.056	+0.0009	+0.0000	+0.0039
58	_____	11	M1	-0.036	-0.195	-0.013	+0.0003	+0.0000	+0.0016
58	_____	12	M2	+0.244	-0.176	-0.041	+0.0003	-0.0000	-0.0021
58	_____	13	M3	+0.001	-0.150	-0.030	+0.0003	+0.0000	+0.0017
58	_____	14	M4	+0.003	+0.039	-0.004	-0.0001	+0.0000	-0.0003
58	_____	15	M5	-0.023	-0.086	-0.021	+0.0001	+0.0000	+0.0007
58	_____	16	M6	+0.187	-0.539	-0.052	+0.0010	-0.0000	-0.0001
58	_____	17	M7	+0.219	-0.058	-0.041	+0.0001	-0.0000	-0.0005
58	_____	M+	A	+0.819	+0.000	+0.000	+0.0037	+0.0001	+0.0052
58	_____	M-	A	+0.000	-2.097	-0.323	+0.0000	-0.0000	-0.0019
59	_____	0	G	+0.553	-1.271	-0.219	+0.0020	-0.0001	-0.0004
59	_____	1	Q1	-0.059	+0.871	-0.055	+0.0008	-0.0000	+0.0038
59	_____	11	M1	-0.049	+0.359	-0.014	+0.0003	-0.0000	+0.0015
59	_____	12	M2	+0.245	-0.973	-0.038	+0.0003	-0.0000	-0.0023
59	_____	13	M3	-0.008	+0.453	-0.031	+0.0002	-0.0000	+0.0017
59	_____	14	M4	+0.006	-0.081	-0.006	-0.0001	+0.0000	-0.0003
59	_____	15	M5	-0.028	+0.157	-0.025	+0.0001	-0.0000	+0.0007
59	_____	16	M6	+0.175	-0.642	-0.046	+0.0009	-0.0000	-0.0004
59	_____	17	M7	+0.219	-0.243	-0.036	+0.0001	-0.0000	-0.0005
59	_____	M+	A	+0.798	+0.000	+0.000	+0.0035	+0.0000	+0.0045
59	_____	M-	A	+0.000	-2.243	-0.306	+0.0000	-0.0001	-0.0028
60	_____	0	G	+0.526	-1.486	-0.202	+0.0019	-0.0000	-0.0008
60	_____	1	Q1	-0.084	+2.178	-0.048	+0.0007	-0.0000	+0.0036
60	_____	11	M1	-0.064	+0.895	-0.011	+0.0003	-0.0000	+0.0015
60	_____	12	M2	+0.247	-1.815	-0.036	+0.0003	-0.0000	-0.0024
60	_____	13	M3	-0.018	+1.042	-0.028	+0.0002	-0.0000	+0.0016
60	_____	14	M4	+0.010	-0.198	-0.005	-0.0001	-0.0000	-0.0003
60	_____	15	M5	-0.035	+0.391	-0.022	+0.0001	-0.0000	+0.0006
60	_____	16	M6	+0.161	-0.828	-0.040	+0.0008	-0.0000	-0.0006
60	_____	17	M7	+0.218	-0.439	-0.036	+0.0001	+0.0000	-0.0006
60	_____	M+	A	+0.773	+1.422	+0.000	+0.0032	+0.0000	+0.0040
60	_____	M-	A	+0.000	-3.301	-0.278	+0.0000	-0.0001	-0.0031
61	_____	0	G	+0.499	-1.776	-0.192	+0.0017	-0.0000	-0.0008
61	_____	1	Q1	-0.109	+3.396	-0.043	+0.0007	-0.0000	+0.0033
61	_____	11	M1	-0.080	+1.391	-0.008	+0.0003	-0.0000	+0.0013
61	_____	12	M2	+0.249	-2.641	-0.035	+0.0002	-0.0000	-0.0022
61	_____	13	M3	-0.029	+1.599	-0.026	+0.0002	-0.0000	+0.0015
61	_____	14	M4	+0.014	-0.307	-0.005	-0.0001	-0.0000	-0.0003
61	_____	15	M5	-0.041	+0.609	-0.019	+0.0001	-0.0000	+0.0006
61	_____	16	M6	+0.146	-1.054	-0.037	+0.0007	-0.0000	-0.0007
61	_____	17	M7	+0.217	-0.639	-0.037	+0.0001	+0.0000	-0.0006
61	_____	M+	A	+0.748	+2.740	+0.000	+0.0029	+0.0000	+0.0035
61	_____	M-	A	+0.000	-4.416	-0.261	+0.0000	-0.0000	-0.0031
62	_____	0	G	+0.473	-2.069	-0.185	+0.0016	-0.0000	-0.0008
62	_____	1	Q1	-0.134	+4.487	-0.040	+0.0006	-0.0000	+0.0029
62	_____	11	M1	-0.095	+1.829	-0.007	+0.0002	-0.0000	+0.0011
62	_____	12	M2	+0.251	-3.394	-0.034	+0.0002	-0.0000	-0.0020
62	_____	13	M3	-0.039	+2.105	-0.025	+0.0002	-0.0000	+0.0013
62	_____	14	M4	+0.017	-0.403	-0.005	-0.0000	-0.0000	-0.0002
62	_____	15	M5	-0.047	+0.801	-0.017	+0.0001	-0.0000	+0.0005
62	_____	16	M6	+0.132	-1.279	-0.035	+0.0007	-0.0000	-0.0006
62	_____	17	M7	+0.216	-0.835	-0.037	+0.0001	-0.0000	-0.0005
62	_____	M+	A	+0.723	+3.892	+0.000	+0.0026	+0.0000	+0.0030
62	_____	M-	A	+0.000	-5.462	-0.251	+0.0000	-0.0000	-0.0028
63	_____	0	G	+0.446	-2.317	-0.179	+0.0014	-0.0000	-0.0006
63	_____	1	Q1	-0.159	+5.411	-0.038	+0.0005	-0.0000	+0.0023
63	_____	11	M1	-0.110	+2.189	-0.006	+0.0002	-0.0000	+0.0009
63	_____	12	M2	+0.253	-4.028	-0.033	+0.0002	-0.0000	-0.0016
63	_____	13	M3	-0.049	+2.542	-0.024	+0.0002	-0.0000	+0.0011
63	_____	14	M4	+0.021	-0.483	-0.004	-0.0000	-0.0000	-0.0002
63	_____	15	M5	-0.054	+0.959	-0.016	+0.0001	-0.0000	+0.0004
63	_____	16	M6	+0.117	-1.476	-0.033	+0.0006	-0.0000	-0.0005
63	_____	17	M7	+0.215	-1.019	-0.037	+0.0001	-0.0000	-0.0005
63	_____	M+	A	+0.698	+4.873	+0.000	+0.0023	+0.0000	+0.0025
63	_____	M-	A	+0.000	-6.345	-0.243	+0.0000	-0.0000	-0.0022
64	_____	0	G	+0.419	-2.500	-0.172	+0.0012	-0.0000	-0.0004
64	_____	1	Q1	-0.184	+6.133	-0.036	+0.0005	-0.0000	+0.0017
64	_____	11	M1	-0.126	+2.450	-0.006	+0.0002	-0.0000	+0.0006
64	_____	12	M2	+0.255	-4.508	-0.032	+0.0002	-0.0000	-0.0011
64	_____	13	M3	-0.059	+2.890	-0.023	+0.0002	-0.0000	+0.0008
64	_____	14	M4	+0.025	-0.541	-0.004	-0.0000	-0.0000	-0.0001
64	_____	15	M5	-0.060	+1.074	-0.015	+0.0001	-0.0000	+0.0003
64	_____	16	M6	+0.102	-1.634	-0.031	+0.0005	-0.0000	-0.0004

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
64	_____	17	M7	+0.214	-1.184	-0.036	+0.0001	-0.0000	-0.0004
64	_____	M+	A	+0.673	+5.656	+0.000	+0.0021	+0.0000	+0.0019
64	_____	M-	A	+0.000	-7.008	-0.233	+0.0000	-0.0000	-0.0015
65	_____	0	G	+0.395	-2.631	-0.163	+0.0011	-0.0000	-0.0003
65	_____	1	Q1	-0.207	+6.661	-0.033	+0.0004	-0.0000	+0.0013
65	_____	11	M1	-0.139	+2.618	-0.005	+0.0001	-0.0000	+0.0004
65	_____	12	M2	+0.256	-4.852	-0.030	+0.0002	-0.0000	-0.0008
65	_____	13	M3	-0.069	+3.154	-0.022	+0.0002	-0.0000	+0.0006
65	_____	14	M4	+0.028	-0.578	-0.004	-0.0000	-0.0000	-0.0001
65	_____	15	M5	-0.065	+1.148	-0.015	+0.0001	-0.0000	+0.0002
65	_____	16	M6	+0.089	-1.762	-0.029	+0.0004	-0.0000	-0.0003
65	_____	17	M7	+0.214	-1.327	-0.035	+0.0001	-0.0000	-0.0004
65	_____	M+	A	+0.651	+6.237	+0.000	+0.0018	+0.0000	+0.0014
65	_____	M-	A	+0.000	-7.483	-0.221	+0.0000	-0.0000	-0.0011
66	_____	0	G	+0.371	-2.742	-0.155	+0.0010	-0.0000	-0.0003
66	_____	1	Q1	-0.229	+7.017	-0.032	+0.0003	+0.0000	+0.0007
66	_____	11	M1	-0.153	+2.701	-0.005	+0.0001	+0.0000	+0.0001
66	_____	12	M2	+0.258	-5.087	-0.029	+0.0002	-0.0000	-0.0005
66	_____	13	M3	-0.078	+3.340	-0.021	+0.0001	-0.0000	+0.0004
66	_____	14	M4	+0.031	-0.596	-0.004	-0.0000	-0.0000	-0.0000
66	_____	15	M5	-0.071	+1.185	-0.014	+0.0000	-0.0000	+0.0000
66	_____	16	M6	+0.077	-1.873	-0.028	+0.0004	+0.0000	-0.0003
66	_____	17	M7	+0.213	-1.447	-0.033	+0.0001	-0.0000	-0.0003
66	_____	M+	A	+0.629	+6.613	+0.000	+0.0016	+0.0000	+0.0007
66	_____	M-	A	+0.000	-7.829	-0.211	+0.0000	-0.0000	-0.0008
67	_____	0	G	+0.381	-2.832	-0.148	+0.0010	-0.0000	-0.0002
67	_____	1	Q1	-0.226	+7.178	-0.031	+0.0003	-0.0000	+0.0002
67	_____	11	M1	-0.152	+2.692	-0.005	+0.0001	-0.0000	-0.0001
67	_____	12	M2	+0.260	-5.198	-0.027	+0.0001	-0.0000	-0.0001
67	_____	13	M3	-0.076	+3.438	-0.020	+0.0001	-0.0000	+0.0002
67	_____	14	M4	+0.031	-0.594	-0.004	-0.0000	-0.0000	+0.0000
67	_____	15	M5	-0.070	+1.182	-0.013	+0.0000	-0.0000	-0.0001
67	_____	16	M6	+0.080	-1.960	-0.027	+0.0003	-0.0000	-0.0002
67	_____	17	M7	+0.215	-1.535	-0.030	+0.0002	-0.0000	-0.0002
67	_____	M+	A	+0.641	+6.753	+0.000	+0.0015	+0.0000	+0.0001
67	_____	M-	A	+0.000	-8.029	-0.201	+0.0000	-0.0000	-0.0004
68	_____	0	G	+0.392	-2.847	-0.138	+0.0009	-0.0000	+0.0001
68	_____	1	Q1	-0.223	+7.106	-0.030	+0.0003	-0.0000	-0.0006
68	_____	11	M1	-0.150	+2.582	-0.005	+0.0001	-0.0000	-0.0005
68	_____	12	M2	+0.263	-5.131	-0.026	+0.0001	-0.0000	+0.0005
68	_____	13	M3	-0.075	+3.427	-0.019	+0.0001	-0.0000	-0.0002
68	_____	14	M4	+0.031	-0.570	-0.004	-0.0000	-0.0000	+0.0001
68	_____	15	M5	-0.069	+1.134	-0.013	+0.0000	-0.0000	-0.0002
68	_____	16	M6	+0.084	-1.985	-0.026	+0.0003	-0.0000	+0.0000
68	_____	17	M7	+0.218	-1.565	-0.028	+0.0002	-0.0000	+0.0000
68	_____	M+	A	+0.655	+6.658	+0.000	+0.0014	+0.0000	+0.0006
68	_____	M-	A	+0.000	-7.978	-0.188	+0.0000	-0.0000	-0.0008
69	_____	0	G	+0.403	-2.754	-0.129	+0.0008	-0.0000	+0.0004
69	_____	1	Q1	-0.220	+6.790	-0.028	+0.0002	-0.0000	-0.0012
69	_____	11	M1	-0.148	+2.378	-0.005	+0.0001	-0.0000	-0.0007
69	_____	12	M2	+0.266	-4.864	-0.024	+0.0001	-0.0000	+0.0010
69	_____	13	M3	-0.073	+3.299	-0.017	+0.0001	-0.0000	-0.0005
69	_____	14	M4	+0.031	-0.525	-0.003	-0.0000	-0.0000	+0.0001
69	_____	15	M5	-0.068	+1.045	-0.012	+0.0000	-0.0000	-0.0003
69	_____	16	M6	+0.087	-1.924	-0.024	+0.0003	-0.0000	+0.0003
69	_____	17	M7	+0.220	-1.524	-0.026	+0.0002	-0.0000	+0.0002
69	_____	M+	A	+0.669	+6.345	+0.000	+0.0013	+0.0000	+0.0014
69	_____	M-	A	+0.000	-7.618	-0.175	+0.0000	-0.0000	-0.0012
70	_____	0	G	+0.412	-2.577	-0.120	+0.0008	-0.0000	+0.0006
70	_____	1	Q1	-0.217	+6.312	-0.027	+0.0002	-0.0000	-0.0015
70	_____	11	M1	-0.147	+2.124	-0.005	+0.0000	+0.0000	-0.0007
70	_____	12	M2	+0.268	-4.462	-0.022	+0.0001	-0.0000	+0.0012
70	_____	13	M3	-0.071	+3.087	-0.016	+0.0001	-0.0000	-0.0007
70	_____	14	M4	+0.031	-0.469	-0.003	-0.0000	-0.0000	+0.0002
70	_____	15	M5	-0.067	+0.934	-0.012	+0.0000	-0.0000	-0.0003
70	_____	16	M6	+0.091	-1.795	-0.023	+0.0002	-0.0000	+0.0004
70	_____	17	M7	+0.222	-1.429	-0.023	+0.0002	-0.0000	+0.0003
70	_____	M+	A	+0.681	+5.895	+0.000	+0.0012	+0.0000	+0.0018
70	_____	M-	A	+0.000	-7.039	-0.163	+0.0000	-0.0000	-0.0014
71	_____	0	G	+0.393	-2.366	-0.114	+0.0007	-0.0000	+0.0006
71	_____	1	Q1	-0.206	+5.751	-0.025	+0.0002	-0.0000	-0.0017
71	_____	11	M1	-0.138	+1.856	-0.005	+0.0000	-0.0000	-0.0008
71	_____	12	M2	+0.255	-3.996	-0.021	+0.0001	-0.0000	+0.0014
71	_____	13	M3	-0.068	+2.829	-0.015	+0.0001	-0.0000	-0.0008
71	_____	14	M4	+0.029	-0.409	-0.003	-0.0000	-0.0000	+0.0002
71	_____	15	M5	-0.063	+0.816	-0.011	+0.0000	-0.0000	-0.0003
71	_____	16	M6	+0.087	-1.628	-0.022	+0.0002	-0.0000	+0.0005
71	_____	17	M7	+0.211	-1.311	-0.022	+0.0002	-0.0000	+0.0004
71	_____	M+	A	+0.648	+5.365	+0.000	+0.0011	+0.0000	+0.0020
71	_____	M-	A	+0.000	-6.362	-0.154	+0.0000	-0.0000	-0.0016
72	_____	0	G	+0.373	-2.120	-0.109	+0.0007	-0.0000	+0.0008
72	_____	1	Q1	-0.194	+5.132	-0.024	+0.0002	-0.0000	-0.0018
72	_____	11	M1	-0.130	+1.582	-0.005	+0.0000	-0.0000	-0.0008
72	_____	12	M2	+0.241	-3.488	-0.020	+0.0001	-0.0000	+0.0015
72	_____	13	M3	-0.065	+2.536	-0.015	+0.0001	-0.0000	-0.0009
72	_____	14	M4	+0.027	-0.349	-0.003	-0.0000	-0.0000	+0.0002
72	_____	15	M5	-0.059	+0.696	-0.010	+0.0000	-0.0000	-0.0003
72	_____	16	M6	+0.084	-1.436	-0.021	+0.0002	-0.0000	+0.0006
72	_____	17	M7	+0.199	-1.174	-0.022	+0.0002	+0.0000	+0.0004
72	_____	M+	A	+0.615	+4.787	+0.000	+0.0010	+0.0000	+0.0022
72	_____	M-	A	+0.000	-5.608	-0.148	+0.0000	-0.0000	-0.0017
73	_____	0	G	+0.351	-1.809	-0.106	+0.0006	-0.0000	+0.0010
73	_____	1	Q1	-0.182	+4.444	-0.023	+0.0002	-0.0000	-0.0021
73	_____	11	M1	-0.120	+1.306	-0.004	+0.0000	-0.0000	-0.0008
73	_____	12	M2	+0.226	-2.936	-0.020	+0.0001	-0.0000	+0.0016
73	_____	13	M3	-0.061	+2.203	-0.014	+0.0001	-0.0000	-0.0010
73	_____	14	M4	+0.025	-0.288	-0.003	-0.0000	-0.0000	+0.0002
73	_____	15	M5	-0.054	+0.575	-0.010	+0.0000	-0.0000	-0.0003
73	_____	16	M6	+0.080	-1.220	-0.020	+0.0001	-0.0000	+0.0006
73	_____	17	M7	+0.185	-1.004	-0.022	+0.0002	+0.0000	+0.0005
73	_____	M+	A	+0.577	+4.178	+0.000	+0.0009	+0.0000	+0.0026

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
73	_____	M-	A	+0.000	-4.745	-0.144	+0.0000	-0.0000	-0.0018
74	_____	0	G	+0.329	-1.419	-0.104	+0.0005	-0.0000	+0.0012
74	_____	1	Q1	-0.169	+3.678	-0.021	+0.0002	-0.0000	-0.0023
74	_____	11	M1	-0.110	+1.030	-0.003	+0.0000	-0.0000	-0.0008
74	_____	12	M2	+0.211	-2.348	-0.019	+0.0001	-0.0000	+0.0017
74	_____	13	M3	-0.057	+1.828	-0.014	+0.0001	-0.0000	-0.0011
74	_____	14	M4	+0.023	-0.227	-0.003	-0.0000	-0.0000	+0.0002
74	_____	15	M5	-0.049	+0.453	-0.009	+0.0000	-0.0000	-0.0003
74	_____	16	M6	+0.077	-0.982	-0.018	+0.0001	-0.0000	+0.0007
74	_____	17	M7	+0.172	-0.794	-0.023	+0.0002	+0.0000	+0.0006
74	_____	M+	A	+0.540	+3.538	+0.000	+0.0008	+0.0000	+0.0029
74	_____	M-	A	+0.000	-3.767	-0.141	+0.0000	-0.0000	-0.0019
75	_____	0	G	+0.307	-0.978	-0.099	+0.0004	-0.0000	+0.0013
75	_____	1	Q1	-0.156	+2.842	-0.019	+0.0001	-0.0000	-0.0024
75	_____	11	M1	-0.100	+0.758	-0.002	+0.0000	-0.0000	-0.0008
75	_____	12	M2	+0.196	-1.743	-0.019	+0.0000	-0.0000	+0.0017
75	_____	13	M3	-0.053	+1.416	-0.014	+0.0001	-0.0000	-0.0012
75	_____	14	M4	+0.021	-0.167	-0.003	-0.0000	+0.0000	+0.0002
75	_____	15	M5	-0.045	+0.334	-0.007	+0.0000	-0.0000	-0.0003
75	_____	16	M6	+0.073	-0.732	-0.017	+0.0001	-0.0000	+0.0007
75	_____	17	M7	+0.159	-0.555	-0.023	+0.0002	-0.0000	+0.0007
75	_____	M+	A	+0.503	+2.855	+0.000	+0.0007	+0.0000	+0.0030
75	_____	M-	A	+0.000	-2.721	-0.135	+0.0000	-0.0000	-0.0020
76	_____	0	G	+0.284	-0.540	-0.089	+0.0003	-0.0000	+0.0012
76	_____	1	Q1	-0.143	+1.944	-0.015	+0.0001	-0.0000	-0.0026
76	_____	11	M1	-0.090	+0.493	+0.000	+0.0000	-0.0000	-0.0007
76	_____	12	M2	+0.181	-1.137	-0.016	+0.0000	-0.0000	+0.0017
76	_____	13	M3	-0.049	+0.976	-0.012	+0.0001	-0.0000	-0.0013
76	_____	14	M4	+0.020	-0.109	-0.003	-0.0000	+0.0000	+0.0002
76	_____	15	M5	-0.040	+0.217	-0.006	+0.0000	-0.0000	-0.0003
76	_____	16	M6	+0.069	-0.479	-0.013	+0.0001	-0.0000	+0.0007
76	_____	17	M7	+0.145	-0.315	-0.022	+0.0002	-0.0000	+0.0006
76	_____	M+	A	+0.465	+2.087	+0.000	+0.0006	+0.0000	+0.0029
76	_____	M-	A	+0.000	-1.678	-0.121	+0.0000	-0.0001	-0.0023
77	_____	0	G	+0.262	-0.183	-0.076	+0.0003	-0.0000	+0.0008
77	_____	1	Q1	-0.130	+0.994	-0.011	+0.0001	-0.0000	-0.0027
77	_____	11	M1	-0.080	+0.240	+0.002	+0.0000	-0.0000	-0.0007
77	_____	12	M2	+0.166	-0.551	-0.014	-0.0000	-0.0000	+0.0016
77	_____	13	M3	-0.045	+0.507	-0.010	+0.0001	-0.0000	-0.0014
77	_____	14	M4	+0.018	-0.053	-0.003	-0.0000	-0.0000	+0.0002
77	_____	15	M5	-0.035	+0.105	-0.004	+0.0000	-0.0000	-0.0003
77	_____	16	M6	+0.066	-0.232	-0.009	+0.0000	-0.0000	+0.0007
77	_____	17	M7	+0.132	-0.115	-0.020	+0.0001	-0.0000	+0.0005
77	_____	M+	A	+0.428	+1.165	+0.000	+0.0005	+0.0000	+0.0024
77	_____	M-	A	+0.000	-0.734	-0.105	+0.0000	-0.0000	-0.0029
78	_y____	0	G	+0.244	+0.000	-0.086	+0.0002	+0.0001	+0.0002
78	_y____	1	Q1	-0.120	+0.000	-0.015	+0.0001	+0.0000	-0.0028
78	_y____	11	M1	-0.072	+0.000	-0.000	+0.0000	+0.0000	-0.0007
78	_y____	12	M2	+0.153	+0.000	-0.016	-0.0000	+0.0000	+0.0015
78	_y____	13	M3	-0.042	+0.000	-0.012	+0.0001	+0.0000	-0.0015
78	_y____	14	M4	+0.016	+0.000	-0.002	-0.0000	-0.0000	+0.0001
78	_y____	15	M5	-0.031	+0.000	-0.005	+0.0000	+0.0000	-0.0003
78	_y____	16	M6	+0.062	+0.000	-0.013	+0.0000	+0.0000	+0.0006
78	_y____	17	M7	+0.121	+0.000	-0.023	+0.0001	+0.0000	+0.0002
78	_y____	M+	A	+0.396	+0.000	+0.000	+0.0004	+0.0002	+0.0017
78	_y____	M-	A	+0.000	+0.000	-0.120	+0.0000	+0.0000	-0.0037
79	_____	0	G	+0.220	-0.042	-0.096	+0.0002	-0.0000	-0.0004
79	_____	1	Q1	-0.108	-0.949	-0.019	+0.0001	-0.0000	-0.0030
79	_____	11	M1	-0.065	-0.207	-0.003	+0.0000	-0.0000	-0.0006
79	_____	12	M2	+0.138	+0.469	-0.019	-0.0000	-0.0000	+0.0014
79	_____	13	M3	-0.038	-0.509	-0.014	+0.0001	-0.0000	-0.0016
79	_____	14	M4	+0.014	+0.046	-0.002	-0.0000	-0.0000	+0.0001
79	_____	15	M5	-0.028	-0.091	-0.006	+0.0000	-0.0000	-0.0003
79	_____	16	M6	+0.056	+0.196	-0.018	+0.0000	-0.0000	+0.0006
79	_____	17	M7	+0.109	+0.005	-0.025	+0.0001	-0.0000	-0.0001
79	_____	M+	A	+0.358	+0.427	+0.000	+0.0005	+0.0000	+0.0010
79	_____	M-	A	+0.000	-1.347	-0.135	+0.0000	-0.0000	-0.0046
80	_____	0	G	+0.191	-0.236	-0.083	+0.0003	-0.0001	-0.0008
80	_____	1	Q1	-0.094	-1.917	-0.016	+0.0001	-0.0000	-0.0030
80	_____	11	M1	-0.056	-0.402	-0.002	+0.0000	-0.0000	-0.0006
80	_____	12	M2	+0.120	+0.908	-0.016	-0.0000	-0.0000	+0.0013
80	_____	13	M3	-0.033	-1.044	-0.012	+0.0001	-0.0000	-0.0016
80	_____	14	M4	+0.012	+0.089	-0.002	-0.0000	-0.0000	+0.0001
80	_____	15	M5	-0.025	-0.177	-0.005	+0.0000	-0.0000	-0.0003
80	_____	16	M6	+0.049	+0.380	-0.015	+0.0000	-0.0000	+0.0005
80	_____	17	M7	+0.095	-0.063	-0.022	+0.0002	-0.0000	-0.0003
80	_____	M+	A	+0.311	+0.672	+0.000	+0.0005	+0.0000	+0.0005
80	_____	M-	A	+0.000	-2.883	-0.116	+0.0000	-0.0001	-0.0049
81	_____	0	G	+0.163	-0.504	-0.066	+0.0003	-0.0000	-0.0009
81	_____	1	Q1	-0.080	-2.822	-0.012	+0.0001	-0.0000	-0.0027
81	_____	11	M1	-0.048	-0.578	-0.001	+0.0000	-0.0000	-0.0005
81	_____	12	M2	+0.102	+1.298	-0.013	-0.0000	-0.0000	+0.0011
81	_____	13	M3	-0.028	-1.553	-0.009	+0.0001	-0.0000	-0.0015
81	_____	14	M4	+0.011	+0.128	-0.002	-0.0000	-0.0000	+0.0001
81	_____	15	M5	-0.021	-0.254	-0.004	+0.0000	-0.0000	-0.0002
81	_____	16	M6	+0.042	+0.543	-0.011	+0.0000	-0.0000	+0.0005
81	_____	17	M7	+0.081	-0.173	-0.017	+0.0002	-0.0000	-0.0004
81	_____	M+	A	+0.265	+0.794	+0.000	+0.0005	+0.0000	+0.0003
81	_____	M-	A	+0.000	-4.413	-0.091	+0.0000	-0.0001	-0.0046
82	_____	0	G	+0.134	-0.780	-0.052	+0.0003	-0.0000	-0.0008
82	_____	1	Q1	-0.066	-3.604	-0.009	+0.0001	-0.0000	-0.0022
82	_____	11	M1	-0.040	-0.727	-0.000	+0.0000	+0.0000	-0.0004
82	_____	12	M2	+0.084	+1.628	-0.010	+0.0000	-0.0000	+0.0009
82	_____	13	M3	-0.023	-1.998	-0.007	+0.0001	-0.0000	-0.0012
82	_____	14	M4	+0.009	+0.161	-0.001	-0.0000	-0.0000	+0.0001
82	_____	15	M5	-0.017	-0.319	-0.004	-0.0000	-0.0000	-0.0002
82	_____	16	M6	+0.034	+0.680	-0.008	+0.0000	-0.0000	+0.0004
82	_____	17	M7	+0.067	-0.291	-0.013	+0.0002	-0.0000	-0.0004
82	_____	M+	A	+0.219	+0.848	+0.000	+0.0006	+0.0000	+0.0001
82	_____	M-	A	+0.000	-5.783	-0.071	+0.0000	-0.0001	-0.0039

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
83	_____	0	G	+0.106	-1.013	-0.041	+0.0004	-0.0000	-0.0006
83	_____	1	Q1	-0.052	-4.203	-0.008	+0.0001	-0.0000	-0.0015
83	_____	11	M1	-0.031	-0.842	-0.001	-0.0000	+0.0000	-0.0003
83	_____	12	M2	+0.066	+1.879	-0.008	+0.0000	-0.0000	+0.0006
83	_____	13	M3	-0.018	-2.341	-0.006	+0.0001	-0.0000	-0.0009
83	_____	14	M4	+0.007	+0.187	-0.001	+0.0000	-0.0000	+0.0001
83	_____	15	M5	-0.014	-0.369	-0.003	-0.0000	-0.0000	-0.0001
83	_____	16	M6	+0.027	+0.784	-0.007	+0.0000	-0.0000	+0.0003
83	_____	17	M7	+0.052	-0.393	-0.009	+0.0002	-0.0000	-0.0003
83	_____	M+	A	+0.172	+0.867	+0.000	+0.0006	+0.0000	+0.0000
83	_____	M-	A	+0.000	-6.855	-0.056	+0.0000	-0.0000	-0.0028
84	_____	0	G	+0.077	-1.172	-0.031	+0.0004	-0.0000	-0.0004
84	_____	1	Q1	-0.038	-4.580	-0.007	+0.0001	-0.0000	-0.0008
84	_____	11	M1	-0.023	-0.917	-0.001	-0.0000	+0.0000	-0.0002
84	_____	12	M2	+0.049	+2.040	-0.006	+0.0000	-0.0000	+0.0003
84	_____	13	M3	-0.013	-2.555	-0.004	+0.0001	-0.0000	-0.0004
84	_____	14	M4	+0.005	+0.203	-0.001	+0.0000	-0.0000	+0.0000
84	_____	15	M5	-0.010	-0.402	-0.003	-0.0000	-0.0000	-0.0001
84	_____	16	M6	+0.020	+0.851	-0.006	+0.0000	-0.0000	+0.0001
84	_____	17	M7	+0.038	-0.465	-0.006	+0.0002	-0.0000	-0.0002
84	_____	M+	A	+0.126	+0.867	+0.000	+0.0007	+0.0000	+0.0000
84	_____	M-	A	+0.000	-7.542	-0.043	+0.0000	-0.0000	-0.0015
85	_____	0	G	+0.049	-1.244	-0.023	+0.0004	-0.0000	-0.0001
85	_____	1	Q1	-0.024	-4.703	-0.006	+0.0001	-0.0000	+0.0000
85	_____	11	M1	-0.014	-0.943	-0.002	-0.0000	+0.0000	+0.0000
85	_____	12	M2	+0.031	+2.093	-0.004	+0.0000	-0.0000	-0.0000
85	_____	13	M3	-0.008	-2.620	-0.003	+0.0001	-0.0000	+0.0000
85	_____	14	M4	+0.003	+0.209	-0.001	+0.0000	-0.0000	-0.0000
85	_____	15	M5	-0.006	-0.413	-0.003	-0.0000	-0.0000	+0.0000
85	_____	16	M6	+0.012	+0.872	-0.005	+0.0000	-0.0000	-0.0000
85	_____	17	M7	+0.024	-0.504	-0.004	+0.0002	-0.0000	-0.0001
85	_____	M+	A	+0.079	+0.849	+0.000	+0.0007	+0.0000	+0.0000
85	_____	M-	A	+0.000	-7.781	-0.033	+0.0000	-0.0000	-0.0002
86	_____	0	G	+0.023	-1.248	-0.017	+0.0004	-0.0000	+0.0001
86	_____	1	Q1	-0.012	-4.605	-0.005	+0.0001	-0.0000	+0.0006
86	_____	11	M1	-0.007	-0.925	-0.002	-0.0000	+0.0000	+0.0001
86	_____	12	M2	+0.015	+2.049	-0.003	+0.0000	-0.0000	-0.0003
86	_____	13	M3	-0.004	-2.557	-0.002	+0.0001	-0.0000	+0.0003
86	_____	14	M4	+0.002	+0.205	-0.001	+0.0000	-0.0000	-0.0000
86	_____	15	M5	-0.003	-0.405	-0.003	-0.0000	-0.0000	+0.0001
86	_____	16	M6	+0.006	+0.853	-0.004	+0.0000	-0.0000	-0.0001
86	_____	17	M7	+0.012	-0.519	-0.002	+0.0002	-0.0000	-0.0000
86	_____	M+	A	+0.038	+0.800	+0.000	+0.0007	+0.0000	+0.0009
86	_____	M-	A	+0.000	-7.643	-0.025	+0.0000	-0.0000	-0.0002
87	_____	0	G	-0.002	-1.215	-0.013	+0.0005	-0.0000	+0.0001
87	_____	1	Q1	+0.001	-4.333	-0.004	+0.0001	-0.0000	+0.0011
87	_____	11	M1	+0.000	-0.868	-0.002	-0.0000	-0.0000	+0.0002
87	_____	12	M2	-0.001	+1.919	-0.002	+0.0000	-0.0000	-0.0005
87	_____	13	M3	+0.000	-2.397	-0.002	+0.0001	-0.0000	+0.0006
87	_____	14	M4	-0.000	+0.192	-0.000	+0.0000	-0.0000	-0.0001
87	_____	15	M5	+0.000	-0.380	-0.002	-0.0000	-0.0000	+0.0001
87	_____	16	M6	-0.001	+0.799	-0.003	+0.0000	-0.0000	-0.0002
87	_____	17	M7	-0.001	-0.519	-0.001	+0.0002	+0.0000	+0.0000
87	_____	M+	A	+0.000	+0.704	+0.000	+0.0008	+0.0000	+0.0017
87	_____	M-	A	-0.003	-7.226	-0.019	+0.0000	-0.0000	-0.0004
88	_____	0	G	-0.002	-1.143	-0.010	+0.0005	-0.0000	+0.0003
88	_____	1	Q1	+0.000	-3.876	-0.003	+0.0002	-0.0000	+0.0017
88	_____	11	M1	+0.000	-0.770	-0.001	-0.0000	-0.0000	+0.0004
88	_____	12	M2	-0.001	+1.701	-0.002	+0.0000	-0.0000	-0.0008
88	_____	13	M3	+0.000	-2.139	-0.001	+0.0000	-0.0000	+0.0010
88	_____	14	M4	-0.000	+0.171	-0.000	+0.0000	-0.0000	-0.0001
88	_____	15	M5	+0.000	-0.337	-0.002	-0.0000	-0.0000	+0.0002
88	_____	16	M6	-0.000	+0.708	-0.002	+0.0000	-0.0000	-0.0003
88	_____	17	M7	-0.001	-0.503	-0.001	+0.0002	-0.0000	+0.0001
88	_____	M+	A	+0.000	+0.558	+0.000	+0.0008	+0.0000	+0.0027
88	_____	M-	A	-0.002	-6.516	-0.015	+0.0000	-0.0000	-0.0005
89	_____	0	G	-0.001	-0.988	-0.007	+0.0005	-0.0000	+0.0006
89	_____	1	Q1	+0.000	-3.188	-0.002	+0.0002	-0.0000	+0.0025
89	_____	11	M1	+0.000	-0.626	-0.001	-0.0000	-0.0000	+0.0005
89	_____	12	M2	-0.001	+1.383	-0.001	+0.0000	-0.0000	-0.0011
89	_____	13	M3	+0.000	-1.754	-0.001	+0.0000	-0.0000	+0.0014
89	_____	14	M4	-0.000	+0.139	-0.000	+0.0000	-0.0000	-0.0001
89	_____	15	M5	+0.000	-0.274	-0.001	-0.0000	-0.0000	+0.0002
89	_____	16	M6	-0.000	+0.576	-0.002	+0.0000	-0.0000	-0.0005
89	_____	17	M7	-0.000	-0.445	-0.000	+0.0002	-0.0000	+0.0003
89	_____	M+	A	+0.000	+0.395	+0.000	+0.0008	+0.0000	+0.0042
89	_____	M-	A	-0.002	-5.403	-0.011	+0.0000	-0.0000	-0.0005
90	_____	0	G	-0.001	-0.732	-0.004	+0.0004	-0.0000	+0.0009
90	_____	1	Q1	+0.000	-2.267	-0.002	+0.0002	-0.0000	+0.0032
90	_____	11	M1	+0.000	-0.441	-0.001	-0.0000	-0.0000	+0.0006
90	_____	12	M2	-0.000	+0.974	-0.000	+0.0000	-0.0000	-0.0014
90	_____	13	M3	+0.000	-1.243	-0.001	+0.0000	-0.0000	+0.0017
90	_____	14	M4	-0.000	+0.098	-0.000	+0.0000	-0.0000	-0.0001
90	_____	15	M5	+0.000	-0.193	-0.001	-0.0000	-0.0000	+0.0003
90	_____	16	M6	-0.000	+0.405	-0.001	+0.0000	-0.0000	-0.0006
90	_____	17	M7	-0.000	-0.336	-0.000	+0.0002	-0.0000	+0.0004
90	_____	M+	A	+0.000	+0.242	+0.000	+0.0008	+0.0000	+0.0053
90	_____	M-	A	-0.001	-3.869	-0.007	+0.0000	-0.0000	-0.0004
91	_____	0	G	-0.000	-0.390	-0.001	+0.0004	-0.0000	+0.0012
91	_____	1	Q1	+0.000	-1.176	-0.001	+0.0002	-0.0000	+0.0036
91	_____	11	M1	+0.000	-0.227	-0.000	+0.0000	-0.0000	+0.0007
91	_____	12	M2	-0.000	+0.502	+0.000	-0.0000	-0.0000	-0.0015
91	_____	13	M3	+0.000	-0.643	-0.000	+0.0000	-0.0000	+0.0020
91	_____	14	M4	-0.000	+0.050	-0.000	-0.0000	-0.0000	-0.0002
91	_____	15	M5	+0.000	-0.100	-0.001	+0.0000	-0.0000	+0.0003
91	_____	16	M6	-0.000	+0.209	-0.000	-0.0000	-0.0000	-0.0006
91	_____	17	M7	-0.000	-0.181	+0.000	+0.0002	-0.0000	+0.0005
91	_____	M+	A	+0.000	+0.111	+0.000	+0.0008	+0.0000	+0.0061
91	_____	M-	A	-0.000	-2.017	-0.003	+0.0000	-0.0000	-0.0004
92	xyz___	0	G	+0.000	+0.000	+0.000	+0.0004	+0.0000	+0.0012
92	xyz___	1	Q1	+0.000	+0.000	+0.000	+0.0002	-0.0000	+0.0037

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
92	xyz___	11	M1	+0.000	+0.000	+0.000	+0.0000	-0.0000	+0.0007
92	xyz___	12	M2	+0.000	+0.000	+0.000	-0.0000	+0.0000	-0.0016
92	xyz___	13	M3	+0.000	+0.000	+0.000	-0.0000	-0.0000	+0.0020
92	xyz___	16	M6	+0.000	+0.000	+0.000	-0.0000	+0.0000	-0.0007
92	xyz___	17	M7	+0.000	+0.000	+0.000	+0.0001	+0.0000	+0.0006
92	xyz___	M+	A	+0.000	+0.000	+0.000	+0.0008	+0.0000	+0.0064
92	xyz___	M-	A	+0.000	+0.000	+0.000	+0.0000	-0.0000	-0.0003
93	_y____	0	G	+1.225	+0.000	-0.448	-0.0007	-0.0003	-0.0002
93	_y____	1	Q1	+0.215	+0.000	-0.093	+0.0000	-0.0001	+0.0029
93	_y____	11	M1	+0.108	+0.000	-0.013	-0.0001	-0.0001	+0.0017
93	_y____	12	M2	+0.369	+0.000	-0.084	-0.0002	-0.0001	-0.0017
93	_y____	13	M3	+0.130	+0.000	-0.061	+0.0001	-0.0000	+0.0007
93	_y____	14	M4	+0.122	+0.000	-0.008	-0.0003	-0.0001	-0.0004
93	_y____	15	M5	+0.197	+0.000	-0.037	-0.0000	-0.0001	-0.0002
93	_y____	16	M6	+0.289	+0.000	-0.084	+0.0000	-0.0000	+0.0002
93	_y____	17	M7	+0.216	+0.000	-0.097	-0.0000	-0.0000	-0.0001
93	_y____	M+	A	+1.744	+0.000	+0.000	+0.0000	+0.0000	+0.0040
93	_y____	M-	A	+0.000	+0.000	-0.609	-0.0010	-0.0005	-0.0018
94	_y____	0	G	+0.257	+0.000	-0.091	+0.0019	-0.0002	+0.0000
94	_y____	1	Q1	-0.113	+0.000	-0.015	-0.0000	-0.0001	-0.0030
94	_y____	11	M1	-0.067	+0.000	+0.000	-0.0002	-0.0000	-0.0007
94	_y____	12	M2	+0.157	+0.000	-0.018	+0.0005	-0.0001	+0.0015
94	_y____	13	M3	-0.039	+0.000	-0.013	+0.0002	-0.0000	-0.0016
94	_y____	14	M4	+0.015	+0.000	-0.002	+0.0000	+0.0000	+0.0001
94	_y____	15	M5	-0.030	+0.000	-0.005	-0.0001	-0.0000	-0.0003
94	_y____	16	M6	+0.071	+0.000	-0.014	+0.0002	-0.0001	+0.0006
94	_y____	17	M7	+0.125	+0.000	-0.025	+0.0007	-0.0001	+0.0002
94	_y____	M+	A	+0.414	+0.000	+0.000	+0.0026	+0.0000	+0.0015
94	_y____	M-	A	+0.000	+0.000	-0.126	+0.0000	-0.0004	-0.0040
95	_y____	0	G	+1.492	+0.000	-0.520	-0.0001	+0.0000	-0.0010
95	_y____	1	Q1	+0.106	+0.000	-0.106	-0.0002	-0.0000	-0.0037
95	_y____	11	M1	+0.059	+0.000	-0.014	-0.0002	-0.0000	-0.0023
95	_y____	12	M2	+0.528	+0.000	-0.099	+0.0000	+0.0000	+0.0017
95	_y____	13	M3	+0.063	+0.000	-0.070	-0.0000	-0.0000	-0.0007
95	_y____	14	M4	+0.274	+0.000	-0.011	+0.0000	+0.0000	-0.0002
95	_y____	15	M5	+0.240	+0.000	-0.040	+0.0000	+0.0000	+0.0003
95	_y____	16	M6	+0.272	+0.000	-0.098	-0.0000	-0.0000	-0.0002
95	_y____	17	M7	+0.221	+0.000	-0.114	+0.0000	-0.0000	+0.0001
95	_y____	M+	A	+2.094	+0.000	+0.000	+0.0000	+0.0000	+0.0006
95	_y____	M-	A	+0.000	+0.000	-0.708	-0.0005	-0.0000	-0.0063
96	_____	0	G	+1.493	-0.327	-0.519	-0.0001	-0.0000	-0.0010
96	_____	1	Q1	+0.106	-1.171	-0.105	-0.0002	-0.0000	-0.0036
96	_____	11	M1	+0.059	-0.725	-0.013	-0.0002	+0.0000	-0.0022
96	_____	12	M2	+0.528	+0.526	-0.099	+0.0000	-0.0000	+0.0016
96	_____	13	M3	+0.063	-0.224	-0.069	-0.0000	-0.0000	-0.0007
96	_____	14	M4	+0.274	-0.047	-0.012	+0.0000	+0.0000	-0.0001
96	_____	15	M5	+0.240	+0.100	-0.040	+0.0000	+0.0000	+0.0003
96	_____	16	M6	+0.272	-0.048	-0.097	-0.0000	-0.0000	-0.0001
96	_____	17	M7	+0.221	+0.033	-0.113	+0.0000	-0.0000	+0.0001
96	_____	M+	A	+2.095	+0.200	+0.000	+0.0000	+0.0000	+0.0006
96	_____	M-	A	+0.000	-2.005	-0.705	-0.0004	-0.0000	-0.0061
97	_____	0	G	+1.493	-0.610	-0.515	-0.0001	-0.0000	-0.0008
97	_____	1	Q1	+0.106	-2.257	-0.104	-0.0002	-0.0000	-0.0032
97	_____	11	M1	+0.059	-1.399	-0.014	-0.0001	+0.0000	-0.0020
97	_____	12	M2	+0.528	+1.022	-0.099	+0.0000	-0.0000	+0.0015
97	_____	13	M3	+0.063	-0.434	-0.068	-0.0000	-0.0000	-0.0006
97	_____	14	M4	+0.274	-0.080	-0.012	+0.0000	+0.0000	-0.0001
97	_____	15	M5	+0.240	+0.195	-0.040	+0.0000	-0.0000	+0.0003
97	_____	16	M6	+0.272	-0.093	-0.096	-0.0000	-0.0000	-0.0001
97	_____	17	M7	+0.221	+0.065	-0.112	+0.0000	-0.0000	+0.0001
97	_____	M+	A	+2.095	+0.413	+0.000	+0.0000	+0.0000	+0.0007
97	_____	M-	A	+0.000	-3.846	-0.700	-0.0004	-0.0000	-0.0053
98	_____	0	G	+1.493	-0.817	-0.511	-0.0001	-0.0000	-0.0005
98	_____	1	Q1	+0.106	-3.173	-0.104	-0.0002	-0.0000	-0.0025
98	_____	11	M1	+0.059	-1.968	-0.014	-0.0001	+0.0000	-0.0016
98	_____	12	M2	+0.528	+1.453	-0.098	+0.0000	-0.0000	+0.0012
98	_____	13	M3	+0.063	-0.616	-0.067	-0.0000	-0.0000	-0.0005
98	_____	14	M4	+0.275	-0.092	-0.013	+0.0000	+0.0000	-0.0000
98	_____	15	M5	+0.240	+0.277	-0.040	+0.0000	-0.0000	+0.0002
98	_____	16	M6	+0.272	-0.133	-0.095	-0.0000	-0.0000	-0.0001
98	_____	17	M7	+0.221	+0.092	-0.111	+0.0000	-0.0000	+0.0001
98	_____	M+	A	+2.096	+0.637	+0.000	+0.0000	+0.0000	+0.0007
98	_____	M-	A	+0.000	-5.367	-0.694	-0.0003	-0.0000	-0.0041
99	_____	0	G	+1.494	-0.935	-0.507	-0.0001	-0.0000	-0.0002
99	_____	1	Q1	+0.105	-3.858	-0.103	-0.0001	-0.0000	-0.0017
99	_____	11	M1	+0.059	-2.391	-0.014	-0.0001	+0.0000	-0.0010
99	_____	12	M2	+0.529	+1.790	-0.097	+0.0000	-0.0000	+0.0009
99	_____	13	M3	+0.063	-0.757	-0.067	-0.0000	-0.0000	-0.0004
99	_____	14	M4	+0.275	-0.084	-0.013	+0.0000	+0.0000	+0.0001
99	_____	15	M5	+0.240	+0.340	-0.040	+0.0000	-0.0000	+0.0002
99	_____	16	M6	+0.272	-0.163	-0.094	-0.0000	-0.0000	-0.0001
99	_____	17	M7	+0.221	+0.113	-0.109	+0.0000	-0.0000	+0.0001
99	_____	M+	A	+2.097	+0.854	+0.000	+0.0000	+0.0000	+0.0006
99	_____	M-	A	+0.000	-6.467	-0.689	-0.0003	-0.0000	-0.0027
100	_____	0	G	+1.495	-0.984	-0.503	-0.0001	-0.0000	-0.0001
100	_____	1	Q1	+0.105	-4.312	-0.102	-0.0001	-0.0000	-0.0011
100	_____	11	M1	+0.059	-2.669	-0.014	-0.0001	-0.0000	-0.0007
100	_____	12	M2	+0.529	+2.024	-0.096	+0.0000	-0.0000	+0.0006
100	_____	13	M3	+0.063	-0.853	-0.066	-0.0000	-0.0000	-0.0002
100	_____	14	M4	+0.275	-0.064	-0.013	-0.0000	+0.0000	+0.0001
100	_____	15	M5	+0.240	+0.384	-0.040	+0.0000	-0.0000	+0.0001
100	_____	16	M6	+0.272	-0.184	-0.093	-0.0000	-0.0000	-0.0001
100	_____	17	M7	+0.221	+0.127	-0.108	+0.0000	-0.0000	+0.0000
100	_____	M+	A	+2.097	+1.040	+0.000	+0.0000	+0.0000	+0.0005
100	_____	M-	A	+0.000	-7.164	-0.682	-0.0002	-0.0000	-0.0017
101	_____	0	G	+1.469	-1.003	-0.498	-0.0000	-0.0000	-0.0000
101	_____	1	Q1	+0.118	-4.583	-0.101	-0.0001	-0.0000	-0.0006
101	_____	11	M1	+0.065	-2.834	-0.014	-0.0001	+0.0000	-0.0003
101	_____	12	M2	+0.513	+2.166	-0.095	+0.0000	-0.0000	+0.0003
101	_____	13	M3	+0.070	-0.909	-0.065	-0.0000	-0.0000	-0.0001
101	_____	14	M4	+0.261	-0.047	-0.013	+0.0000	-0.0000	+0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
101	_____	15	M5	+0.237	+0.409	-0.040	+0.0000	+0.0000	+0.0001
101	_____	16	M6	+0.274	-0.196	-0.092	-0.0000	-0.0000	-0.0000
101	_____	17	M7	+0.220	+0.136	-0.107	+0.0000	-0.0000	+0.0000
101	_____	M+	A	+2.064	+1.163	+0.000	+0.0000	+0.0000	+0.0003
101	_____	M-	A	+0.000	-7.570	-0.676	-0.0002	-0.0000	-0.0008
102	_____	0	G	+1.443	-0.994	-0.494	-0.0000	-0.0000	+0.0001
102	_____	1	Q1	+0.130	-4.681	-0.100	-0.0001	-0.0000	-0.0000
102	_____	11	M1	+0.071	-2.893	-0.014	-0.0001	+0.0000	-0.0000
102	_____	12	M2	+0.497	+2.222	-0.094	+0.0000	-0.0000	+0.0000
102	_____	13	M3	+0.077	-0.927	-0.065	-0.0000	-0.0000	-0.0000
102	_____	14	M4	+0.246	-0.035	-0.013	+0.0000	-0.0000	+0.0000
102	_____	15	M5	+0.234	+0.418	-0.040	+0.0000	+0.0000	+0.0000
102	_____	16	M6	+0.276	-0.200	-0.091	-0.0000	-0.0000	-0.0000
102	_____	17	M7	+0.219	+0.138	-0.106	+0.0000	-0.0000	+0.0000
102	_____	M+	A	+2.031	+1.227	+0.000	+0.0000	+0.0000	+0.0001
102	_____	M-	A	+0.000	-7.700	-0.669	-0.0002	-0.0000	+0.0000
103	_____	0	G	+1.414	-0.930	-0.489	+0.0000	-0.0000	+0.0003
103	_____	1	Q1	+0.144	-4.560	-0.100	-0.0001	-0.0000	+0.0008
103	_____	11	M1	+0.077	-2.816	-0.014	-0.0001	+0.0000	+0.0005
103	_____	12	M2	+0.479	+2.175	-0.093	+0.0000	-0.0000	-0.0003
103	_____	13	M3	+0.086	-0.902	-0.065	-0.0000	-0.0000	+0.0002
103	_____	14	M4	+0.230	-0.018	-0.012	+0.0000	-0.0000	+0.0001
103	_____	15	M5	+0.231	+0.407	-0.040	+0.0000	+0.0000	-0.0001
103	_____	16	M6	+0.277	-0.195	-0.090	-0.0000	-0.0000	+0.0000
103	_____	17	M7	+0.217	+0.134	-0.104	+0.0000	-0.0000	-0.0000
103	_____	M+	A	+1.994	+1.246	+0.000	+0.0000	+0.0000	+0.0014
103	_____	M-	A	+0.000	-7.461	-0.663	-0.0001	-0.0000	-0.0000
104	_____	0	G	+1.385	-0.791	-0.483	+0.0000	-0.0000	+0.0005
104	_____	1	Q1	+0.157	-4.184	-0.099	-0.0001	-0.0000	+0.0015
104	_____	11	M1	+0.084	-2.579	-0.014	-0.0000	-0.0000	+0.0010
104	_____	12	M2	+0.461	+2.016	-0.092	+0.0000	-0.0000	-0.0007
104	_____	13	M3	+0.094	-0.828	-0.064	-0.0000	-0.0000	+0.0003
104	_____	14	M4	+0.213	+0.010	-0.012	+0.0000	-0.0000	+0.0001
104	_____	15	M5	+0.227	+0.374	-0.040	+0.0000	-0.0000	-0.0001
104	_____	16	M6	+0.279	-0.179	-0.089	-0.0000	-0.0000	+0.0001
104	_____	17	M7	+0.216	+0.123	-0.103	+0.0000	-0.0000	-0.0000
104	_____	M+	A	+1.957	+1.225	+0.000	+0.0001	+0.0000	+0.0027
104	_____	M-	A	+0.000	-6.781	-0.655	-0.0001	-0.0000	-0.0001
105	_____	0	G	+1.357	-0.591	-0.476	+0.0001	-0.0000	+0.0007
105	_____	1	Q1	+0.171	-3.588	-0.098	-0.0001	-0.0000	+0.0022
105	_____	11	M1	+0.090	-2.204	-0.014	-0.0000	-0.0000	+0.0014
105	_____	12	M2	+0.443	+1.757	-0.090	+0.0001	-0.0000	-0.0009
105	_____	13	M3	+0.102	-0.715	-0.064	-0.0000	-0.0000	+0.0004
105	_____	14	M4	+0.197	+0.051	-0.011	+0.0000	-0.0000	+0.0001
105	_____	15	M5	+0.223	+0.324	-0.040	+0.0000	-0.0000	-0.0002
105	_____	16	M6	+0.281	-0.155	-0.088	-0.0000	-0.0000	+0.0001
105	_____	17	M7	+0.215	+0.107	-0.102	+0.0000	-0.0000	-0.0001
105	_____	M+	A	+1.920	+1.166	+0.000	+0.0001	+0.0000	+0.0038
105	_____	M-	A	+0.000	-5.722	-0.646	-0.0000	-0.0000	-0.0003
106	_____	0	G	+1.328	-0.358	-0.466	+0.0001	-0.0000	+0.0007
106	_____	1	Q1	+0.185	-2.810	-0.096	-0.0001	-0.0000	+0.0026
106	_____	11	M1	+0.097	-1.719	-0.013	-0.0000	-0.0000	+0.0016
106	_____	12	M2	+0.426	+1.411	-0.088	+0.0001	-0.0000	-0.0012
106	_____	13	M3	+0.110	-0.568	-0.063	-0.0000	-0.0000	+0.0005
106	_____	14	M4	+0.181	+0.095	-0.009	+0.0000	-0.0000	+0.0001
106	_____	15	M5	+0.220	+0.258	-0.038	+0.0000	-0.0000	-0.0002
106	_____	16	M6	+0.283	-0.123	-0.087	-0.0000	-0.0000	+0.0001
106	_____	17	M7	+0.214	+0.085	-0.101	+0.0000	-0.0000	-0.0001
106	_____	M+	A	+1.883	+1.054	+0.000	+0.0002	+0.0000	+0.0045
106	_____	M-	A	+0.000	-4.370	-0.634	+0.0000	-0.0001	-0.0005
107	_____	0	G	+1.299	-0.138	-0.453	+0.0001	-0.0000	+0.0006
107	_____	1	Q1	+0.199	-1.908	-0.092	-0.0001	-0.0000	+0.0029
107	_____	11	M1	+0.103	-1.161	-0.012	-0.0000	-0.0000	+0.0018
107	_____	12	M2	+0.408	+0.995	-0.085	+0.0001	-0.0000	-0.0014
107	_____	13	M3	+0.118	-0.396	-0.061	-0.0000	-0.0000	+0.0006
107	_____	14	M4	+0.164	+0.120	-0.007	+0.0000	-0.0000	+0.0000
107	_____	15	M5	+0.216	+0.180	-0.036	+0.0000	-0.0000	-0.0003
107	_____	16	M6	+0.284	-0.086	-0.085	-0.0000	-0.0000	+0.0001
107	_____	17	M7	+0.212	+0.059	-0.100	+0.0000	-0.0000	-0.0001
107	_____	M+	A	+1.846	+0.857	+0.000	+0.0002	+0.0000	+0.0048
107	_____	M-	A	+0.000	-2.859	-0.617	+0.0000	-0.0001	-0.0008
108	_____	0	G	+1.270	+0.005	-0.441	+0.0002	-0.0000	+0.0002
108	_____	1	Q1	+0.212	-0.944	-0.089	-0.0000	-0.0000	+0.0030
108	_____	11	M1	+0.110	-0.571	-0.011	+0.0000	-0.0000	+0.0018
108	_____	12	M2	+0.390	+0.518	-0.083	+0.0001	-0.0000	-0.0016
108	_____	13	M3	+0.127	-0.203	-0.059	-0.0000	-0.0000	+0.0006
108	_____	14	M4	+0.148	+0.098	-0.005	+0.0001	+0.0000	-0.0002
108	_____	15	M5	+0.213	+0.093	-0.033	+0.0000	-0.0000	-0.0003
108	_____	16	M6	+0.286	-0.044	-0.083	-0.0000	-0.0000	+0.0001
108	_____	17	M7	+0.211	+0.030	-0.098	+0.0000	-0.0000	-0.0001
108	_____	M+	A	+1.809	+0.524	+0.000	+0.0002	+0.0000	+0.0045
108	_____	M-	A	+0.000	-1.339	-0.602	+0.0000	-0.0000	-0.0013
109	_y____	0	G	+1.246	+0.000	-0.451	+0.0002	+0.0001	-0.0003
109	_y____	1	Q1	+0.224	+0.000	-0.093	-0.0000	+0.0000	+0.0028
109	_y____	11	M1	+0.115	+0.000	-0.013	+0.0000	+0.0000	+0.0017
109	_y____	12	M2	+0.375	+0.000	-0.086	+0.0001	+0.0000	-0.0017
109	_y____	13	M3	+0.133	+0.000	-0.061	-0.0000	+0.0000	+0.0006
109	_y____	14	M4	+0.135	+0.000	-0.010	+0.0001	+0.0000	-0.0005
109	_y____	15	M5	+0.210	+0.000	-0.038	+0.0000	+0.0000	-0.0003
109	_y____	16	M6	+0.288	+0.000	-0.083	-0.0000	+0.0000	+0.0001
109	_y____	17	M7	+0.210	+0.000	-0.097	+0.0000	-0.0000	-0.0001
109	_y____	M+	A	+1.778	+0.000	+0.000	+0.0003	+0.0002	+0.0037
109	_y____	M-	A	+0.000	+0.000	-0.613	+0.0000	+0.0000	-0.0020
110	_____	0	G	+1.227	-0.231	-0.460	+0.0001	-0.0000	-0.0009
110	_____	1	Q1	+0.234	+0.989	-0.096	-0.0001	-0.0000	+0.0027
110	_____	11	M1	+0.119	+0.591	-0.015	+0.0000	-0.0000	+0.0016
110	_____	12	M2	+0.363	-0.624	-0.088	+0.0001	-0.0000	-0.0018
110	_____	13	M3	+0.142	+0.236	-0.062	-0.0000	-0.0000	+0.0007
110	_____	14	M4	+0.122	-0.219	-0.014	+0.0000	-0.0000	-0.0008
110	_____	15	M5	+0.210	-0.109	-0.042	-0.0000	-0.0000	-0.0003
110	_____	16	M6	+0.290	+0.051	-0.083	-0.0000	-0.0000	+0.0001

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
110	_____	17	M7	+0.209	-0.035	-0.095	+0.0000	-0.0000	-0.0001
110	_____	M+	A	+1.754	+1.171	+0.000	+0.0002	+0.0000	+0.0029
110	_____	M-	A	+0.000	-0.855	-0.623	+0.0000	-0.0000	-0.0028
111	_____	0	G	+1.204	-0.633	-0.445	+0.0000	-0.0000	-0.0013
111	_____	1	Q1	+0.247	+1.934	-0.092	-0.0001	-0.0000	+0.0026
111	_____	11	M1	+0.125	+1.149	-0.014	-0.0000	-0.0000	+0.0015
111	_____	12	M2	+0.348	-1.293	-0.085	+0.0001	-0.0000	-0.0019
111	_____	13	M3	+0.151	+0.486	-0.060	-0.0000	-0.0000	+0.0007
111	_____	14	M4	+0.107	-0.525	-0.012	+0.0000	-0.0000	-0.0009
111	_____	15	M5	+0.209	-0.224	-0.039	-0.0001	-0.0000	-0.0003
111	_____	16	M6	+0.292	+0.106	-0.082	-0.0000	-0.0000	+0.0002
111	_____	17	M7	+0.208	-0.072	-0.094	+0.0000	-0.0000	-0.0001
111	_____	M+	A	+1.725	+2.106	+0.000	+0.0001	+0.0000	+0.0024
111	_____	M-	A	+0.000	-1.926	-0.604	-0.0001	-0.0001	-0.0032
112	_____	0	G	+1.181	-1.113	-0.431	-0.0001	-0.0000	-0.0014
112	_____	1	Q1	+0.259	+2.826	-0.088	-0.0001	-0.0000	+0.0024
112	_____	11	M1	+0.130	+1.669	-0.012	-0.0000	-0.0000	+0.0014
112	_____	12	M2	+0.333	-1.969	-0.082	+0.0000	-0.0000	-0.0019
112	_____	13	M3	+0.161	+0.746	-0.058	-0.0001	-0.0000	+0.0007
112	_____	14	M4	+0.092	-0.872	-0.010	+0.0000	-0.0000	-0.0010
112	_____	15	M5	+0.208	-0.343	-0.035	-0.0001	-0.0000	-0.0003
112	_____	16	M6	+0.295	+0.162	-0.080	-0.0000	-0.0000	+0.0002
112	_____	17	M7	+0.207	-0.111	-0.093	+0.0000	-0.0000	-0.0001
112	_____	M+	A	+1.696	+2.881	+0.000	+0.0000	+0.0000	+0.0020
112	_____	M-	A	+0.000	-3.081	-0.586	-0.0002	-0.0000	-0.0033
113	_____	0	G	+1.158	-1.591	-0.422	-0.0002	-0.0000	-0.0013
113	_____	1	Q1	+0.271	+3.655	-0.085	-0.0001	-0.0000	+0.0022
113	_____	11	M1	+0.135	+2.145	-0.011	-0.0000	-0.0000	+0.0013
113	_____	12	M2	+0.319	-2.613	-0.081	+0.0000	-0.0000	-0.0017
113	_____	13	M3	+0.170	+1.013	-0.056	-0.0001	-0.0000	+0.0008
113	_____	14	M4	+0.076	-1.215	-0.010	-0.0000	+0.0000	-0.0009
113	_____	15	M5	+0.208	-0.460	-0.034	-0.0001	-0.0000	-0.0003
113	_____	16	M6	+0.297	+0.221	-0.078	-0.0000	-0.0000	+0.0002
113	_____	17	M7	+0.205	-0.151	-0.092	+0.0000	-0.0000	-0.0001
113	_____	M+	A	+1.667	+3.566	+0.000	+0.0000	+0.0000	+0.0018
113	_____	M-	A	+0.000	-4.204	-0.574	-0.0004	-0.0000	-0.0030
114	_____	0	G	+1.135	-2.016	-0.416	-0.0003	-0.0000	-0.0011
114	_____	1	Q1	+0.284	+4.414	-0.084	-0.0001	-0.0000	+0.0020
114	_____	11	M1	+0.140	+2.573	-0.011	-0.0001	-0.0000	+0.0011
114	_____	12	M2	+0.304	-3.196	-0.080	+0.0000	-0.0000	-0.0015
114	_____	13	M3	+0.180	+1.284	-0.055	-0.0001	-0.0000	+0.0008
114	_____	14	M4	+0.061	-1.525	-0.010	-0.0000	+0.0000	-0.0008
114	_____	15	M5	+0.207	-0.573	-0.032	-0.0001	-0.0000	-0.0003
114	_____	16	M6	+0.299	+0.280	-0.077	-0.0000	-0.0000	+0.0002
114	_____	17	M7	+0.204	-0.191	-0.090	+0.0000	-0.0000	-0.0001
114	_____	M+	A	+1.638	+4.199	+0.000	+0.0000	+0.0000	+0.0017
114	_____	M-	A	+0.000	-5.211	-0.565	-0.0005	-0.0000	-0.0026
115	_____	0	G	+1.112	-2.359	-0.409	-0.0004	-0.0000	-0.0008
115	_____	1	Q1	+0.296	+5.094	-0.082	-0.0002	-0.0000	+0.0018
115	_____	11	M1	+0.145	+2.947	-0.011	-0.0001	-0.0000	+0.0010
115	_____	12	M2	+0.289	-3.696	-0.079	-0.0000	-0.0000	-0.0013
115	_____	13	M3	+0.190	+1.555	-0.054	-0.0001	-0.0000	+0.0008
115	_____	14	M4	+0.046	-1.787	-0.010	-0.0000	+0.0000	-0.0007
115	_____	15	M5	+0.207	-0.677	-0.032	-0.0002	-0.0000	-0.0003
115	_____	16	M6	+0.302	+0.338	-0.076	-0.0000	-0.0000	+0.0002
115	_____	17	M7	+0.203	-0.231	-0.089	+0.0000	-0.0000	-0.0001
115	_____	M+	A	+1.622	+4.797	+0.000	+0.0000	+0.0000	+0.0016
115	_____	M-	A	+0.000	-6.056	-0.556	-0.0007	-0.0000	-0.0021
116	_____	0	G	+1.092	-2.635	-0.403	-0.0004	-0.0000	-0.0007
116	_____	1	Q1	+0.307	+5.703	-0.080	-0.0002	-0.0000	+0.0016
116	_____	11	M1	+0.150	+3.275	-0.010	-0.0001	-0.0000	+0.0009
116	_____	12	M2	+0.276	-4.122	-0.078	-0.0000	-0.0000	-0.0011
116	_____	13	M3	+0.198	+1.822	-0.053	-0.0001	-0.0000	+0.0007
116	_____	14	M4	+0.033	-2.009	-0.010	-0.0000	-0.0000	-0.0006
116	_____	15	M5	+0.206	-0.771	-0.031	-0.0002	-0.0000	-0.0003
116	_____	16	M6	+0.304	+0.396	-0.074	-0.0000	-0.0000	+0.0002
116	_____	17	M7	+0.201	-0.271	-0.088	+0.0000	-0.0000	-0.0001
116	_____	M+	A	+1.612	+5.360	+0.000	+0.0000	+0.0000	+0.0015
116	_____	M-	A	+0.000	-6.757	-0.546	-0.0008	-0.0000	-0.0018
117	_____	0	G	+1.072	-2.874	-0.396	-0.0005	-0.0000	-0.0006
117	_____	1	Q1	+0.318	+6.253	-0.079	-0.0002	-0.0000	+0.0015
117	_____	11	M1	+0.154	+3.564	-0.010	-0.0001	+0.0000	+0.0008
117	_____	12	M2	+0.263	-4.491	-0.076	-0.0000	-0.0000	-0.0010
117	_____	13	M3	+0.207	+2.085	-0.052	-0.0001	-0.0000	+0.0007
117	_____	14	M4	+0.019	-2.204	-0.010	-0.0001	-0.0000	-0.0005
117	_____	15	M5	+0.206	-0.855	-0.030	-0.0002	+0.0000	-0.0002
117	_____	16	M6	+0.306	+0.453	-0.073	-0.0000	-0.0000	+0.0002
117	_____	17	M7	+0.200	-0.310	-0.086	+0.0000	-0.0000	-0.0001
117	_____	M+	A	+1.604	+5.873	+0.000	+0.0000	+0.0000	+0.0013
117	_____	M-	A	+0.000	-7.365	-0.538	-0.0009	-0.0000	-0.0016
118	_____	0	G	+1.081	-3.077	-0.390	-0.0006	-0.0000	-0.0005
118	_____	1	Q1	+0.321	+6.720	-0.078	-0.0002	-0.0000	+0.0012
118	_____	11	M1	+0.156	+3.802	-0.010	-0.0001	-0.0000	+0.0006
118	_____	12	M2	+0.266	-4.790	-0.075	-0.0000	-0.0000	-0.0007
118	_____	13	M3	+0.208	+2.334	-0.051	-0.0001	-0.0000	+0.0007
118	_____	14	M4	+0.022	-2.364	-0.010	-0.0001	-0.0000	-0.0004
118	_____	15	M5	+0.209	-0.921	-0.030	-0.0003	-0.0000	-0.0002
118	_____	16	M6	+0.307	+0.506	-0.072	-0.0000	-0.0000	+0.0001
118	_____	17	M7	+0.200	-0.347	-0.085	+0.0000	-0.0000	-0.0001
118	_____	M+	A	+1.617	+6.305	+0.000	+0.0000	+0.0000	+0.0011
118	_____	M-	A	+0.000	-7.867	-0.530	-0.0010	-0.0000	-0.0012
119	_____	0	G	+1.091	-3.193	-0.382	-0.0007	-0.0000	-0.0002
119	_____	1	Q1	+0.324	+7.025	-0.076	-0.0003	-0.0000	+0.0005
119	_____	11	M1	+0.157	+3.946	-0.010	-0.0001	-0.0000	+0.0002
119	_____	12	M2	+0.268	-4.955	-0.073	-0.0000	-0.0000	-0.0002
119	_____	13	M3	+0.209	+2.532	-0.050	-0.0001	-0.0000	+0.0004
119	_____	14	M4	+0.025	-2.443	-0.009	-0.0001	-0.0000	-0.0001
119	_____	15	M5	+0.212	-0.955	-0.029	-0.0003	-0.0000	-0.0000
119	_____	16	M6	+0.308	+0.548	-0.071	-0.0000	-0.0000	+0.0001
119	_____	17	M7	+0.200	-0.377	-0.083	+0.0000	-0.0000	-0.0001
119	_____	M+	A	+1.630	+6.595	+0.000	+0.0000	+0.0000	+0.0007

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
119	_____	M-	A	+0.000	-8.148	-0.519	-0.0012	-0.0000	-0.0004
120	_____	0	G	+1.102	-3.195	-0.374	-0.0008	-0.0000	+0.0001
120	_____	1	Q1	+0.327	+7.086	-0.075	-0.0003	-0.0000	-0.0002
120	_____	11	M1	+0.159	+3.955	-0.009	-0.0002	-0.0000	-0.0002
120	_____	12	M2	+0.271	-4.932	-0.072	-0.0001	-0.0000	+0.0003
120	_____	13	M3	+0.211	+2.638	-0.049	-0.0002	-0.0000	+0.0001
120	_____	14	M4	+0.028	-2.411	-0.009	-0.0001	-0.0000	+0.0002
120	_____	15	M5	+0.215	-0.952	-0.028	-0.0004	-0.0000	+0.0001
120	_____	16	M6	+0.308	+0.570	-0.069	-0.0000	-0.0000	+0.0000
120	_____	17	M7	+0.200	-0.393	-0.082	+0.0000	-0.0000	-0.0000
120	_____	M+	A	+1.644	+6.659	+0.000	+0.0000	+0.0000	+0.0005
120	_____	M-	A	+0.000	-8.127	-0.508	-0.0014	-0.0000	-0.0002
121	_____	0	G	+1.111	-3.118	-0.368	-0.0009	-0.0000	+0.0003
121	_____	1	Q1	+0.329	+6.914	-0.074	-0.0004	+0.0000	-0.0008
121	_____	11	M1	+0.160	+3.839	-0.009	-0.0002	+0.0000	-0.0005
121	_____	12	M2	+0.273	-4.745	-0.071	-0.0001	-0.0000	+0.0007
121	_____	13	M3	+0.212	+2.644	-0.049	-0.0002	+0.0000	-0.0001
121	_____	14	M4	+0.030	-2.289	-0.008	-0.0001	+0.0000	+0.0004
121	_____	15	M5	+0.218	-0.925	-0.029	-0.0004	+0.0000	+0.0001
121	_____	16	M6	+0.309	+0.570	-0.068	-0.0000	-0.0000	-0.0000
121	_____	17	M7	+0.200	-0.393	-0.081	+0.0000	-0.0000	+0.0000
121	_____	M+	A	+1.656	+6.483	+0.000	+0.0000	+0.0000	+0.0010
121	_____	M-	A	+0.000	-7.863	-0.501	-0.0016	-0.0000	-0.0008
122	_____	0	G	+1.087	-3.018	-0.362	-0.0011	-0.0000	+0.0003
122	_____	1	Q1	+0.307	+6.549	-0.073	-0.0004	-0.0000	-0.0013
122	_____	11	M1	+0.150	+3.622	-0.009	-0.0002	-0.0000	-0.0007
122	_____	12	M2	+0.274	-4.447	-0.069	-0.0001	-0.0000	+0.0010
122	_____	13	M3	+0.199	+2.560	-0.048	-0.0002	-0.0000	-0.0004
122	_____	14	M4	+0.028	-2.113	-0.008	-0.0001	-0.0000	+0.0006
122	_____	15	M5	+0.204	-0.899	-0.028	-0.0005	-0.0000	+0.0001
122	_____	16	M6	+0.306	+0.551	-0.067	-0.0000	-0.0000	-0.0001
122	_____	17	M7	+0.202	-0.381	-0.079	+0.0000	-0.0000	+0.0001
122	_____	M+	A	+1.609	+6.067	+0.000	+0.0000	+0.0000	+0.0013
122	_____	M-	A	+0.000	-7.464	-0.492	-0.0018	-0.0000	-0.0015
123	_____	0	G	+1.063	-2.893	-0.352	-0.0012	-0.0000	+0.0004
123	_____	1	Q1	+0.285	+6.012	-0.070	-0.0005	-0.0000	-0.0017
123	_____	11	M1	+0.139	+3.317	-0.008	-0.0002	-0.0000	-0.0010
123	_____	12	M2	+0.276	-4.054	-0.068	-0.0001	-0.0000	+0.0012
123	_____	13	M3	+0.185	+2.393	-0.047	-0.0002	-0.0000	-0.0006
123	_____	14	M4	+0.027	-1.898	-0.008	-0.0001	-0.0000	+0.0007
123	_____	15	M5	+0.190	-0.876	-0.026	-0.0005	-0.0000	+0.0001
123	_____	16	M6	+0.304	+0.514	-0.066	-0.0000	-0.0000	-0.0001
123	_____	17	M7	+0.205	-0.355	-0.078	+0.0000	-0.0000	+0.0001
123	_____	M+	A	+1.567	+5.441	+0.000	+0.0000	+0.0000	+0.0016
123	_____	M-	A	+0.000	-6.947	-0.479	-0.0021	-0.0000	-0.0020
124	_____	0	G	+1.036	-2.714	-0.342	-0.0014	-0.0000	+0.0006
124	_____	1	Q1	+0.260	+5.284	-0.067	-0.0006	-0.0000	-0.0024
124	_____	11	M1	+0.128	+2.912	-0.008	-0.0003	-0.0000	-0.0013
124	_____	12	M2	+0.278	-3.552	-0.066	-0.0001	-0.0000	+0.0016
124	_____	13	M3	+0.170	+2.132	-0.045	-0.0003	-0.0000	-0.0009
124	_____	14	M4	+0.024	-1.643	-0.007	-0.0001	-0.0000	+0.0008
124	_____	15	M5	+0.175	-0.842	-0.024	-0.0006	-0.0000	+0.0001
124	_____	16	M6	+0.301	+0.456	-0.064	-0.0000	-0.0000	-0.0002
124	_____	17	M7	+0.207	-0.316	-0.077	+0.0000	-0.0000	+0.0001
124	_____	M+	A	+1.519	+4.608	+0.000	+0.0000	+0.0000	+0.0022
124	_____	M-	A	+0.000	-6.266	-0.466	-0.0024	-0.0000	-0.0027
125	_____	0	G	+1.009	-2.465	-0.333	-0.0016	-0.0000	+0.0008
125	_____	1	Q1	+0.235	+4.352	-0.064	-0.0006	-0.0000	-0.0029
125	_____	11	M1	+0.116	+2.402	-0.007	-0.0003	-0.0000	-0.0016
125	_____	12	M2	+0.280	-2.941	-0.065	-0.0001	-0.0000	+0.0018
125	_____	13	M3	+0.156	+1.772	-0.043	-0.0003	-0.0000	-0.0011
125	_____	14	M4	+0.022	-1.352	-0.007	-0.0001	+0.0000	+0.0009
125	_____	15	M5	+0.159	-0.789	-0.022	-0.0007	-0.0000	+0.0002
125	_____	16	M6	+0.298	+0.378	-0.063	-0.0001	-0.0000	-0.0002
125	_____	17	M7	+0.210	-0.262	-0.075	+0.0000	-0.0000	+0.0002
125	_____	M+	A	+1.472	+3.568	+0.000	+0.0000	+0.0000	+0.0026
125	_____	M-	A	+0.000	-5.406	-0.453	-0.0028	-0.0000	-0.0032
126	_____	0	G	+0.983	-2.171	-0.322	-0.0018	-0.0000	+0.0009
126	_____	1	Q1	+0.210	+3.256	-0.061	-0.0007	-0.0000	-0.0033
126	_____	11	M1	+0.104	+1.805	-0.005	-0.0003	-0.0000	-0.0018
126	_____	12	M2	+0.282	-2.255	-0.064	-0.0001	-0.0000	+0.0020
126	_____	13	M3	+0.141	+1.331	-0.041	-0.0003	-0.0000	-0.0013
126	_____	14	M4	+0.020	-1.041	-0.008	-0.0001	+0.0000	+0.0009
126	_____	15	M5	+0.143	-0.723	-0.020	-0.0008	-0.0000	+0.0002
126	_____	16	M6	+0.295	+0.284	-0.061	-0.0001	-0.0000	-0.0003
126	_____	17	M7	+0.212	-0.198	-0.074	+0.0000	-0.0000	+0.0002
126	_____	M+	A	+1.425	+2.349	+0.000	+0.0000	+0.0000	+0.0029
126	_____	M-	A	+0.000	-4.425	-0.439	-0.0031	-0.0001	-0.0037
127	_____	0	G	+0.956	-1.877	-0.308	-0.0020	-0.0000	+0.0008
127	_____	1	Q1	+0.185	+2.034	-0.055	-0.0008	-0.0000	-0.0036
127	_____	11	M1	+0.092	+1.142	-0.003	-0.0004	-0.0000	-0.0019
127	_____	12	M2	+0.284	-1.530	-0.063	-0.0001	-0.0000	+0.0021
127	_____	13	M3	+0.126	+0.826	-0.038	-0.0004	-0.0000	-0.0015
127	_____	14	M4	+0.018	-0.722	-0.009	-0.0001	+0.0000	+0.0009
127	_____	15	M5	+0.127	-0.665	-0.016	-0.0009	-0.0000	+0.0001
127	_____	16	M6	+0.293	+0.177	-0.058	-0.0001	-0.0000	-0.0003
127	_____	17	M7	+0.215	-0.124	-0.072	+0.0000	-0.0000	+0.0002
127	_____	M+	A	+1.378	+0.955	+0.000	+0.0000	+0.0000	+0.0028
127	_____	M-	A	+0.000	-3.407	-0.419	-0.0034	-0.0001	-0.0042
128	_____	0	G	+0.929	-1.658	-0.289	-0.0022	-0.0001	+0.0004
128	_____	1	Q1	+0.160	+0.722	-0.048	-0.0009	-0.0000	-0.0038
128	_____	11	M1	+0.080	+0.431	+0.001	-0.0004	-0.0000	-0.0021
128	_____	12	M2	+0.286	-0.801	-0.061	-0.0001	-0.0000	+0.0020
128	_____	13	M3	+0.111	+0.276	-0.034	-0.0004	-0.0000	-0.0016
128	_____	14	M4	+0.016	-0.410	-0.009	-0.0002	-0.0000	+0.0009
128	_____	15	M5	+0.112	-0.649	-0.010	-0.0010	-0.0000	-0.0001
128	_____	16	M6	+0.290	+0.062	-0.054	-0.0001	-0.0000	-0.0003
128	_____	17	M7	+0.217	-0.046	-0.071	+0.0000	-0.0000	+0.0002
128	_____	M+	A	+1.330	+0.000	+0.000	+0.0000	+0.0000	+0.0025
128	_____	M-	A	+0.000	-2.459	-0.393	-0.0038	-0.0001	-0.0048

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
129	_____	0	G	+0.906	-1.602	-0.277	-0.0023	+0.0000	-0.0002
129	_____	1	Q1	+0.139	-0.639	-0.046	-0.0009	+0.0000	-0.0039
129	_____	11	M1	+0.070	-0.308	+0.000	-0.0004	+0.0000	-0.0021
129	_____	12	M2	+0.287	-0.102	-0.059	-0.0001	-0.0000	+0.0019
129	_____	13	M3	+0.098	-0.301	-0.034	-0.0004	+0.0000	-0.0016
129	_____	14	M4	+0.014	-0.118	-0.005	-0.0002	-0.0000	+0.0008
129	_____	15	M5	+0.098	-0.715	-0.005	-0.0010	+0.0000	-0.0003
129	_____	16	M6	+0.287	-0.056	-0.057	-0.0001	+0.0000	-0.0003
129	_____	17	M7	+0.219	+0.035	-0.071	+0.0001	+0.0000	+0.0002
129	_____	M+	A	+1.291	+0.000	+0.000	+0.0000	+0.0001	+0.0017
129	_____	M-	A	+0.000	-2.764	-0.380	-0.0040	-0.0000	-0.0055
130	_____	0	G	+0.886	-1.779	-0.286	-0.0022	+0.0000	-0.0008
130	_____	1	Q1	+0.128	-2.099	-0.053	-0.0009	+0.0000	-0.0043
130	_____	11	M1	+0.067	-1.105	-0.004	-0.0004	+0.0000	-0.0023
130	_____	12	M2	+0.285	+0.577	-0.058	-0.0001	-0.0000	+0.0019
130	_____	13	M3	+0.091	-0.928	-0.037	-0.0004	+0.0000	-0.0018
130	_____	14	M4	+0.009	+0.159	-0.003	-0.0002	+0.0000	+0.0008
130	_____	15	M5	+0.086	-0.895	-0.010	-0.0010	+0.0000	-0.0006
130	_____	16	M6	+0.288	-0.180	-0.061	-0.0001	-0.0000	-0.0004
130	_____	17	M7	+0.221	+0.119	-0.070	+0.0000	-0.0000	+0.0002
130	_____	M+	A	+1.263	+0.000	+0.000	+0.0000	+0.0000	+0.0011
130	_____	M-	A	+0.000	-4.652	-0.393	-0.0038	+0.0000	-0.0067
131	_____	0	G	+0.861	-2.122	-0.290	-0.0021	+0.0000	-0.0011
131	_____	1	Q1	+0.115	-3.652	-0.055	-0.0008	+0.0000	-0.0044
131	_____	11	M1	+0.062	-1.958	-0.005	-0.0004	+0.0000	-0.0024
131	_____	12	M2	+0.283	+1.252	-0.058	-0.0001	-0.0000	+0.0019
131	_____	13	M3	+0.082	-1.606	-0.038	-0.0004	-0.0000	-0.0019
131	_____	14	M4	+0.003	+0.428	-0.005	-0.0001	+0.0000	+0.0007
131	_____	15	M5	+0.071	-1.161	-0.015	-0.0009	+0.0000	-0.0008
131	_____	16	M6	+0.288	-0.311	-0.059	-0.0001	-0.0000	-0.0004
131	_____	17	M7	+0.224	+0.208	-0.068	+0.0000	-0.0000	+0.0003
131	_____	M+	A	+1.230	+0.000	+0.000	+0.0000	+0.0000	+0.0008
131	_____	M-	A	+0.000	-7.144	-0.397	-0.0035	-0.0000	-0.0072
132	_____	0	G	+0.836	-2.537	-0.289	-0.0019	-0.0000	-0.0012
132	_____	1	Q1	+0.103	-5.204	-0.055	-0.0008	-0.0000	-0.0043
132	_____	11	M1	+0.057	-2.806	-0.005	-0.0004	+0.0000	-0.0023
132	_____	12	M2	+0.280	+1.906	-0.057	-0.0001	-0.0000	+0.0018
132	_____	13	M3	+0.073	-2.301	-0.037	-0.0003	-0.0000	-0.0019
132	_____	14	M4	-0.003	+0.678	-0.006	-0.0001	+0.0000	+0.0007
132	_____	15	M5	+0.056	-1.466	-0.017	-0.0008	+0.0000	-0.0009
132	_____	16	M6	+0.288	-0.445	-0.056	-0.0001	-0.0000	-0.0004
132	_____	17	M7	+0.227	+0.300	-0.066	+0.0000	-0.0000	+0.0003
132	_____	M+	A	+1.197	+0.000	+0.000	+0.0000	+0.0000	+0.0006
132	_____	M-	A	+0.000	-9.705	-0.394	-0.0032	-0.0000	-0.0071
133	_____	0	G	+0.812	-2.949	-0.287	-0.0017	-0.0000	-0.0011
133	_____	1	Q1	+0.090	-6.679	-0.055	-0.0007	+0.0000	-0.0039
133	_____	11	M1	+0.053	-3.601	-0.006	-0.0003	+0.0000	-0.0021
133	_____	12	M2	+0.278	+2.525	-0.057	-0.0001	-0.0000	+0.0017
133	_____	13	M3	+0.064	-2.974	-0.037	-0.0003	-0.0000	-0.0018
133	_____	14	M4	-0.009	+0.902	-0.007	-0.0001	+0.0000	+0.0006
133	_____	15	M5	+0.041	-1.769	-0.018	-0.0007	+0.0000	-0.0008
133	_____	16	M6	+0.288	-0.579	-0.055	-0.0001	-0.0000	-0.0004
133	_____	17	M7	+0.230	+0.396	-0.065	+0.0000	-0.0000	+0.0003
133	_____	M+	A	+1.163	+0.000	+0.000	+0.0000	+0.0000	+0.0006
133	_____	M-	A	+0.000	-12.149	-0.390	-0.0030	-0.0000	-0.0065
134	_____	0	G	+0.787	-3.305	-0.284	-0.0016	-0.0000	-0.0009
134	_____	1	Q1	+0.078	-8.005	-0.056	-0.0006	+0.0000	-0.0035
134	_____	11	M1	+0.048	-4.295	-0.006	-0.0003	+0.0000	-0.0018
134	_____	12	M2	+0.275	+3.088	-0.056	-0.0001	-0.0000	+0.0015
134	_____	13	M3	+0.055	-3.585	-0.037	-0.0003	-0.0000	-0.0016
134	_____	14	M4	-0.015	+1.089	-0.007	-0.0001	-0.0000	+0.0005
134	_____	15	M5	+0.027	-2.039	-0.019	-0.0007	+0.0000	-0.0007
134	_____	16	M6	+0.289	-0.707	-0.054	-0.0001	-0.0000	-0.0003
134	_____	17	M7	+0.233	+0.493	-0.063	+0.0000	-0.0000	+0.0003
134	_____	M+	A	+1.130	+0.000	+0.000	+0.0000	+0.0000	+0.0006
134	_____	M-	A	+0.000	-14.317	-0.387	-0.0027	-0.0000	-0.0056
135	_____	0	G	+0.763	-3.582	-0.282	-0.0014	-0.0000	-0.0007
135	_____	1	Q1	+0.065	-9.143	-0.056	-0.0006	+0.0000	-0.0029
135	_____	11	M1	+0.044	-4.859	-0.007	-0.0003	+0.0000	-0.0014
135	_____	12	M2	+0.273	+3.583	-0.055	-0.0001	-0.0000	+0.0013
135	_____	13	M3	+0.046	-4.112	-0.037	-0.0003	+0.0000	-0.0013
135	_____	14	M4	-0.021	+1.233	-0.007	-0.0001	+0.0000	+0.0003
135	_____	15	M5	+0.012	-2.263	-0.020	-0.0006	+0.0000	-0.0006
135	_____	16	M6	+0.289	-0.827	-0.053	-0.0001	-0.0000	-0.0003
135	_____	17	M7	+0.236	+0.591	-0.062	+0.0000	-0.0000	+0.0003
135	_____	M+	A	+1.097	+0.001	+0.000	+0.0000	+0.0000	+0.0006
135	_____	M-	A	+0.000	-16.126	-0.383	-0.0024	-0.0000	-0.0045
136	_____	0	G	+0.741	-3.794	-0.280	-0.0013	-0.0000	-0.0005
136	_____	1	Q1	+0.054	-10.107	-0.056	-0.0005	-0.0000	-0.0025
136	_____	11	M1	+0.040	-5.304	-0.008	-0.0002	+0.0000	-0.0011
136	_____	12	M2	+0.271	+4.010	-0.054	-0.0001	-0.0000	+0.0011
136	_____	13	M3	+0.038	-4.558	-0.037	-0.0002	-0.0000	-0.0012
136	_____	14	M4	-0.026	+1.333	-0.007	-0.0001	-0.0000	+0.0002
136	_____	15	M5	-0.001	-2.452	-0.021	-0.0005	+0.0000	-0.0005
136	_____	16	M6	+0.289	-0.936	-0.052	-0.0001	-0.0000	-0.0003
136	_____	17	M7	+0.238	+0.688	-0.061	+0.0000	-0.0000	+0.0003
136	_____	M+	A	+1.068	+0.216	+0.000	+0.0000	+0.0000	+0.0006
136	_____	M-	A	+0.000	-17.613	-0.380	-0.0022	-0.0000	-0.0039
137	_____	0	G	+0.719	-3.973	-0.274	-0.0012	-0.0000	-0.0005
137	_____	1	Q1	+0.043	-10.932	-0.055	-0.0005	-0.0000	-0.0021
137	_____	11	M1	+0.036	-5.657	-0.007	-0.0002	-0.0000	-0.0009
137	_____	12	M2	+0.269	+4.374	-0.053	-0.0001	-0.0000	+0.0009
137	_____	13	M3	+0.030	-4.939	-0.036	-0.0002	-0.0000	-0.0010
137	_____	14	M4	-0.031	+1.396	-0.006	-0.0001	-0.0000	+0.0001
137	_____	15	M5	-0.015	-2.618	-0.021	-0.0004	-0.0000	-0.0004
137	_____	16	M6	+0.290	-1.035	-0.052	-0.0001	-0.0000	-0.0003
137	_____	17	M7	+0.241	+0.785	-0.059	+0.0000	-0.0000	+0.0003
137	_____	M+	A	+1.039	+0.401	+0.000	+0.0000	+0.0000	+0.0004
137	_____	M-	A	+0.000	-18.865	-0.371	-0.0020	-0.0000	-0.0033
138	_____	0	G	+0.730	-4.117	-0.266	-0.0012	-0.0000	-0.0003
138	_____	1	Q1	+0.048	-11.584	-0.053	-0.0005	-0.0000	-0.0015

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
138	_____	11	M1	+0.039	-5.904	-0.007	-0.0002	-0.0000	-0.0005
138	_____	12	M2	+0.271	+4.662	-0.051	-0.0001	-0.0000	+0.0007
138	_____	13	M3	+0.032	-5.241	-0.035	-0.0002	-0.0000	-0.0007
138	_____	14	M4	-0.030	+1.416	-0.006	-0.0001	-0.0000	+0.0000
138	_____	15	M5	-0.011	-2.752	-0.019	-0.0004	-0.0000	-0.0003
138	_____	16	M6	+0.293	-1.117	-0.051	-0.0002	-0.0000	-0.0002
138	_____	17	M7	+0.241	+0.878	-0.058	+0.0000	-0.0000	+0.0002
138	_____	M+	A	+1.056	+0.545	+0.000	+0.0000	+0.0000	+0.0004
138	_____	M-	A	+0.000	-19.834	-0.361	-0.0019	-0.0000	-0.0023
139	_____	0	G	+0.743	-4.162	-0.260	-0.0011	-0.0000	+0.0001
139	_____	1	Q1	+0.053	-11.941	-0.052	-0.0004	-0.0000	-0.0005
139	_____	11	M1	+0.042	-5.979	-0.007	-0.0002	+0.0000	+0.0001
139	_____	12	M2	+0.273	+4.838	-0.050	-0.0001	-0.0000	+0.0003
139	_____	13	M3	+0.035	-5.407	-0.034	-0.0002	-0.0000	-0.0002
139	_____	14	M4	-0.030	+1.388	-0.006	-0.0000	-0.0000	-0.0002
139	_____	15	M5	-0.007	-2.810	-0.019	-0.0004	+0.0000	-0.0000
139	_____	16	M6	+0.296	-1.161	-0.049	-0.0002	-0.0000	-0.0001
139	_____	17	M7	+0.242	+0.958	-0.056	+0.0000	-0.0000	+0.0002
139	_____	M+	A	+1.076	+0.676	+0.000	+0.0000	+0.0000	+0.0004
139	_____	M-	A	+0.000	-20.287	-0.353	-0.0018	-0.0000	-0.0005
140	_____	0	G	+0.756	-4.068	-0.254	-0.0011	-0.0000	+0.0005
140	_____	1	Q1	+0.059	-11.906	-0.051	-0.0004	-0.0000	+0.0007
140	_____	11	M1	+0.045	-5.840	-0.007	-0.0002	-0.0000	+0.0007
140	_____	12	M2	+0.275	+4.872	-0.049	-0.0001	-0.0000	-0.0001
140	_____	13	M3	+0.038	-5.393	-0.033	-0.0002	-0.0000	+0.0003
140	_____	14	M4	-0.029	+1.312	-0.006	-0.0000	-0.0000	-0.0003
140	_____	15	M5	-0.004	-2.763	-0.019	-0.0003	-0.0000	+0.0003
140	_____	16	M6	+0.299	-1.153	-0.048	-0.0002	-0.0000	+0.0001
140	_____	17	M7	+0.243	+1.013	-0.055	+0.0000	-0.0000	+0.0001
140	_____	M+	A	+1.096	+0.804	+0.000	+0.0000	+0.0000	+0.0016
140	_____	M-	A	+0.000	-20.061	-0.345	-0.0017	-0.0000	+0.0000
141	_____	0	G	+0.769	-3.842	-0.248	-0.0010	-0.0000	+0.0008
141	_____	1	Q1	+0.064	-11.482	-0.050	-0.0004	-0.0000	+0.0017
141	_____	11	M1	+0.048	-5.505	-0.007	-0.0002	-0.0000	+0.0012
141	_____	12	M2	+0.277	+4.758	-0.048	-0.0001	-0.0000	-0.0005
141	_____	13	M3	+0.041	-5.196	-0.033	-0.0002	-0.0000	+0.0008
141	_____	14	M4	-0.028	+1.201	-0.006	-0.0000	-0.0000	-0.0003
141	_____	15	M5	+0.000	-2.612	-0.019	-0.0003	-0.0000	+0.0006
141	_____	16	M6	+0.303	-1.096	-0.047	-0.0002	-0.0000	+0.0002
141	_____	17	M7	+0.243	+1.035	-0.053	-0.0000	-0.0000	+0.0000
141	_____	M+	A	+1.116	+0.916	+0.000	+0.0000	+0.0000	+0.0033
141	_____	M-	A	+0.000	-19.178	-0.337	-0.0016	-0.0000	+0.0000
142	_____	0	G	+0.780	-3.533	-0.243	-0.0010	-0.0000	+0.0009
142	_____	1	Q1	+0.069	-10.767	-0.049	-0.0004	-0.0000	+0.0023
142	_____	11	M1	+0.051	-5.035	-0.007	-0.0002	+0.0000	+0.0014
142	_____	12	M2	+0.279	+4.523	-0.047	-0.0001	-0.0000	-0.0008
142	_____	13	M3	+0.044	-4.855	-0.032	-0.0001	-0.0000	+0.0011
142	_____	14	M4	-0.027	+1.071	-0.006	-0.0000	-0.0000	-0.0004
142	_____	15	M5	+0.003	-2.387	-0.019	-0.0003	-0.0000	+0.0007
142	_____	16	M6	+0.306	-1.008	-0.046	-0.0002	+0.0000	+0.0003
142	_____	17	M7	+0.244	+1.022	-0.052	-0.0000	-0.0000	-0.0001
142	_____	M+	A	+1.134	+0.990	+0.000	+0.0000	+0.0000	+0.0042
142	_____	M-	A	+0.000	-17.825	-0.330	-0.0015	-0.0000	+0.0000
143	_____	0	G	+0.753	-3.209	-0.238	-0.0010	-0.0000	+0.0009
143	_____	1	Q1	+0.056	-9.887	-0.049	-0.0004	-0.0000	+0.0026
143	_____	11	M1	+0.041	-4.500	-0.007	-0.0002	+0.0000	+0.0016
143	_____	12	M2	+0.275	+4.200	-0.045	-0.0001	-0.0000	-0.0010
143	_____	13	M3	+0.039	-4.430	-0.031	-0.0002	-0.0000	+0.0013
143	_____	14	M4	-0.024	+0.936	-0.005	-0.0000	-0.0000	-0.0004
143	_____	15	M5	+0.000	-2.130	-0.018	-0.0002	-0.0000	+0.0007
143	_____	16	M6	+0.291	-0.918	-0.046	-0.0003	-0.0000	+0.0002
143	_____	17	M7	+0.240	+0.980	-0.051	-0.0000	-0.0000	-0.0002
143	_____	M+	A	+1.084	+0.991	+0.000	+0.0000	+0.0000	+0.0047
143	_____	M-	A	+0.000	-16.246	-0.322	-0.0017	-0.0000	-0.0001
144	_____	0	G	+0.727	-2.872	-0.233	-0.0011	-0.0000	+0.0010
144	_____	1	Q1	+0.043	-8.875	-0.048	-0.0004	-0.0000	+0.0030
144	_____	11	M1	+0.031	-3.922	-0.007	-0.0002	+0.0000	+0.0017
144	_____	12	M2	+0.270	+3.802	-0.044	-0.0001	-0.0000	-0.0012
144	_____	13	M3	+0.033	-3.941	-0.030	-0.0002	-0.0000	+0.0015
144	_____	14	M4	-0.020	+0.799	-0.005	-0.0000	-0.0000	-0.0004
144	_____	15	M5	-0.003	-1.854	-0.018	-0.0002	+0.0000	+0.0008
144	_____	16	M6	+0.277	-0.828	-0.045	-0.0003	-0.0000	+0.0003
144	_____	17	M7	+0.237	+0.911	-0.049	-0.0000	-0.0000	-0.0002
144	_____	M+	A	+1.034	+0.930	+0.000	+0.0000	+0.0000	+0.0052
144	_____	M-	A	+0.000	-14.506	-0.315	-0.0018	-0.0000	-0.0002
145	_____	0	G	+0.697	-2.493	-0.229	-0.0012	-0.0000	+0.0011
145	_____	1	Q1	+0.029	-7.697	-0.048	-0.0005	-0.0000	+0.0036
145	_____	11	M1	+0.019	-3.304	-0.008	-0.0002	+0.0000	+0.0018
145	_____	12	M2	+0.264	+3.321	-0.043	-0.0001	-0.0000	-0.0015
145	_____	13	M3	+0.027	-3.378	-0.030	-0.0002	-0.0000	+0.0017
145	_____	14	M4	-0.016	+0.661	-0.005	+0.0000	-0.0000	-0.0004
145	_____	15	M5	-0.006	-1.561	-0.018	-0.0002	+0.0000	+0.0008
145	_____	16	M6	+0.261	-0.726	-0.045	-0.0004	-0.0000	+0.0003
145	_____	17	M7	+0.232	+0.812	-0.048	-0.0000	-0.0000	-0.0003
145	_____	M+	A	+0.981	+0.828	+0.000	+0.0000	+0.0000	+0.0060
145	_____	M-	A	+0.000	-12.554	-0.310	-0.0020	-0.0000	-0.0003
146	_____	0	G	+0.666	-2.057	-0.226	-0.0013	-0.0000	+0.0013
146	_____	1	Q1	+0.014	-6.337	-0.048	-0.0005	+0.0000	+0.0040
146	_____	11	M1	+0.008	-2.652	-0.008	-0.0002	+0.0000	+0.0019
146	_____	12	M2	+0.259	+2.751	-0.042	-0.0002	-0.0000	-0.0017
146	_____	13	M3	+0.021	-2.746	-0.030	-0.0002	-0.0000	+0.0018
146	_____	14	M4	-0.012	+0.524	-0.005	+0.0000	-0.0000	-0.0004
146	_____	15	M5	-0.010	-1.254	-0.019	-0.0002	+0.0000	+0.0009
146	_____	16	M6	+0.244	-0.602	-0.044	-0.0005	-0.0000	+0.0004
146	_____	17	M7	+0.228	+0.683	-0.046	-0.0000	-0.0000	-0.0004
146	_____	M+	A	+0.935	+0.695	+0.000	+0.0000	+0.0000	+0.0066
146	_____	M-	A	+0.000	-10.316	-0.306	-0.0021	-0.0000	-0.0004
147	_____	0	G	+0.636	-1.583	-0.222	-0.0014	-0.0000	+0.0013
147	_____	1	Q1	-0.000	-4.836	-0.049	-0.0005	+0.0000	+0.0043
147	_____	11	M1	-0.003	-1.985	-0.009	-0.0002	+0.0000	+0.0019
147	_____	12	M2	+0.253	+2.109	-0.041	-0.0002	-0.0000	-0.0019

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
147		13	M3	+0.015	-2.070	-0.030	-0.0002	+0.0000	+0.0019
147		14	M4	-0.008	+0.390	-0.005	+0.0000	+0.0000	-0.0004
147		15	M5	-0.013	-0.940	-0.020	-0.0002	+0.0000	+0.0009
147		16	M6	+0.228	-0.462	-0.044	-0.0005	-0.0000	+0.0004
147		17	M7	+0.224	+0.528	-0.044	-0.0000	-0.0000	-0.0005
147		M+	A	+0.890	+0.526	+0.000	+0.0000	+0.0000	+0.0070
147		M-	A	+0.000	-7.868	-0.302	-0.0023	-0.0000	-0.0005
148		0	G	+0.606	-1.122	-0.217	-0.0015	-0.0000	+0.0012
148		1	Q1	-0.015	-3.262	-0.049	-0.0006	-0.0000	+0.0044
148		11	M1	-0.015	-1.324	-0.010	-0.0002	+0.0000	+0.0018
148		12	M2	+0.248	+1.414	-0.040	-0.0002	-0.0000	-0.0020
148		13	M3	+0.009	-1.381	-0.030	-0.0002	-0.0000	+0.0019
148		14	M4	-0.004	+0.259	-0.006	+0.0000	+0.0000	-0.0004
148		15	M5	-0.017	-0.628	-0.022	-0.0002	+0.0000	+0.0009
148		16	M6	+0.212	-0.330	-0.042	-0.0006	-0.0000	+0.0003
148		17	M7	+0.220	+0.355	-0.041	-0.0000	-0.0000	-0.0005
148		M+	A	+0.854	+0.292	+0.000	+0.0000	+0.0000	+0.0070
148		M-	A	+0.000	-5.350	-0.294	-0.0025	-0.0000	-0.0008
149		0	G	+0.576	-0.742	-0.204	-0.0015	-0.0000	+0.0009
149		1	Q1	-0.029	-1.691	-0.046	-0.0006	-0.0000	+0.0043
149		11	M1	-0.026	-0.686	-0.010	-0.0002	-0.0000	+0.0017
149		12	M2	+0.243	+0.680	-0.037	-0.0002	-0.0000	-0.0021
149		13	M3	+0.003	-0.704	-0.029	-0.0002	-0.0000	+0.0019
149		14	M4	-0.000	+0.134	-0.007	+0.0000	+0.0000	-0.0003
149		15	M5	-0.020	-0.327	-0.023	-0.0001	-0.0000	+0.0008
149		16	M6	+0.196	-0.241	-0.036	-0.0007	-0.0000	+0.0001
149		17	M7	+0.216	+0.170	-0.038	-0.0001	-0.0000	-0.0005
149		M+	A	+0.819	+0.000	+0.000	+0.0000	+0.0000	+0.0065
149		M-	A	+0.000	-2.926	-0.277	-0.0026	-0.0001	-0.0012
150		0	G	+0.550	-0.532	-0.186	-0.0016	-0.0000	+0.0003
150		1	Q1	-0.041	-0.213	-0.038	-0.0006	-0.0000	+0.0039
150		11	M1	-0.036	-0.085	-0.006	-0.0003	-0.0000	+0.0016
150		12	M2	+0.238	-0.074	-0.035	-0.0002	+0.0000	-0.0021
150		13	M3	-0.003	-0.065	-0.025	-0.0002	-0.0000	+0.0017
150		14	M4	+0.003	+0.015	-0.005	+0.0000	-0.0000	-0.0003
150		15	M5	-0.023	-0.043	-0.018	-0.0001	-0.0000	+0.0008
150		16	M6	+0.182	-0.235	-0.032	-0.0007	+0.0000	-0.0001
150		17	M7	+0.212	-0.021	-0.039	-0.0001	+0.0000	-0.0005
150		M+	A	+0.789	+0.000	+0.000	+0.0000	+0.0000	+0.0054
150		M-	A	+0.000	-0.917	-0.251	-0.0028	-0.0001	-0.0019
151		0	G	+0.524	-0.556	-0.186	-0.0014	+0.0000	-0.0003
151		1	Q1	-0.064	+1.164	-0.037	-0.0006	+0.0000	+0.0038
151		11	M1	-0.049	+0.484	-0.005	-0.0002	+0.0000	+0.0016
151		12	M2	+0.239	-0.874	-0.036	-0.0002	+0.0000	-0.0023
151		13	M3	-0.012	+0.545	-0.023	-0.0002	+0.0000	+0.0017
151		14	M4	+0.006	-0.099	-0.003	+0.0000	-0.0000	-0.0003
151		15	M5	-0.029	+0.228	-0.014	-0.0001	+0.0000	+0.0008
151		16	M6	+0.169	-0.342	-0.035	-0.0007	+0.0000	-0.0004
151		17	M7	+0.211	-0.220	-0.041	-0.0000	-0.0000	-0.0006
151		M+	A	+0.763	+0.989	+0.000	+0.0000	+0.0000	+0.0047
151		M-	A	+0.000	-1.431	-0.253	-0.0025	+0.0000	-0.0027
152		0	G	+0.492	-0.748	-0.192	-0.0012	+0.0000	-0.0007
152		1	Q1	-0.090	+2.492	-0.041	-0.0005	+0.0000	+0.0036
152		11	M1	-0.065	+1.034	-0.007	-0.0002	+0.0000	+0.0015
152		12	M2	+0.240	-1.721	-0.036	-0.0001	-0.0000	-0.0024
152		13	M3	-0.023	+1.140	-0.025	-0.0001	+0.0000	+0.0016
152		14	M4	+0.009	-0.210	-0.004	+0.0000	+0.0000	-0.0003
152		15	M5	-0.036	+0.491	-0.016	-0.0001	+0.0000	+0.0007
152		16	M6	+0.154	-0.533	-0.038	-0.0006	+0.0000	-0.0006
152		17	M7	+0.210	-0.431	-0.039	+0.0000	-0.0000	-0.0006
152		M+	A	+0.732	+2.542	+0.000	+0.0000	+0.0000	+0.0041
152		M-	A	+0.000	-2.469	-0.261	-0.0021	+0.0000	-0.0031
153		0	G	+0.460	-1.022	-0.192	-0.0010	-0.0000	-0.0008
153		1	Q1	-0.117	+3.727	-0.042	-0.0005	-0.0000	+0.0033
153		11	M1	-0.081	+1.544	-0.008	-0.0002	+0.0000	+0.0014
153		12	M2	+0.241	-2.552	-0.035	-0.0001	-0.0000	-0.0023
153		13	M3	-0.034	+1.702	-0.025	-0.0001	+0.0000	+0.0015
153		14	M4	+0.013	-0.313	-0.004	+0.0000	+0.0000	-0.0003
153		15	M5	-0.044	+0.735	-0.018	-0.0001	+0.0000	+0.0007
153		16	M6	+0.138	-0.765	-0.037	-0.0005	-0.0000	-0.0007
153		17	M7	+0.208	-0.647	-0.038	+0.0000	-0.0000	-0.0006
153		M+	A	+0.701	+3.897	+0.000	+0.0000	+0.0000	+0.0036
153		M-	A	+0.000	-3.574	-0.261	-0.0018	-0.0000	-0.0031
154		0	G	+0.428	-1.312	-0.187	-0.0007	-0.0000	-0.0008
154		1	Q1	-0.144	+4.831	-0.041	-0.0004	-0.0000	+0.0029
154		11	M1	-0.097	+1.994	-0.008	-0.0002	-0.0000	+0.0012
154		12	M2	+0.243	-3.313	-0.034	-0.0001	-0.0000	-0.0020
154		13	M3	-0.045	+2.211	-0.025	-0.0001	-0.0000	+0.0013
154		14	M4	+0.016	-0.405	-0.005	+0.0000	+0.0000	-0.0002
154		15	M5	-0.051	+0.950	-0.017	-0.0001	-0.0000	+0.0006
154		16	M6	+0.123	-0.999	-0.036	-0.0004	-0.0000	-0.0006
154		17	M7	+0.207	-0.860	-0.037	+0.0001	-0.0000	-0.0006
154		M+	A	+0.671	+5.067	+0.000	+0.0000	+0.0000	+0.0030
154		M-	A	+0.000	-4.625	-0.254	-0.0014	-0.0000	-0.0028
155		0	G	+0.396	-1.575	-0.180	-0.0005	-0.0000	-0.0007
155		1	Q1	-0.170	+5.764	-0.039	-0.0003	-0.0000	+0.0023
155		11	M1	-0.113	+2.363	-0.007	-0.0002	-0.0000	+0.0009
155		12	M2	+0.244	-3.956	-0.033	-0.0000	-0.0000	-0.0016
155		13	M3	-0.056	+2.648	-0.024	-0.0001	-0.0000	+0.0011
155		14	M4	+0.020	-0.480	-0.005	+0.0000	-0.0000	-0.0002
155		15	M5	-0.058	+1.128	-0.017	-0.0001	-0.0000	+0.0004
155		16	M6	+0.107	-1.207	-0.034	-0.0004	-0.0000	-0.0005
155		17	M7	+0.206	-1.062	-0.037	+0.0001	-0.0000	-0.0005
155		M+	A	+0.640	+6.042	+0.000	+0.0000	+0.0000	+0.0024
155		M-	A	+0.000	-5.531	-0.245	-0.0011	-0.0000	-0.0023
156		0	G	+0.364	-1.794	-0.174	-0.0003	-0.0000	-0.0006
156		1	Q1	-0.197	+6.485	-0.037	-0.0003	-0.0000	+0.0017
156		11	M1	-0.129	+2.631	-0.006	-0.0002	-0.0000	+0.0006
156		12	M2	+0.245	-4.449	-0.032	+0.0000	-0.0000	-0.0012
156		13	M3	-0.067	+2.993	-0.023	-0.0000	-0.0000	+0.0008
156		14	M4	+0.023	-0.535	-0.004	+0.0000	-0.0000	-0.0001

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
156	_____	15	M5	-0.066	+1.257	-0.015	-0.0001	-0.0000	+0.0003
156	_____	16	M6	+0.092	-1.381	-0.032	-0.0003	-0.0000	-0.0004
156	_____	17	M7	+0.205	-1.245	-0.036	+0.0002	-0.0000	-0.0005
156	_____	M+	A	+0.609	+6.786	+0.000	+0.0000	+0.0000	+0.0017
156	_____	M-	A	+0.000	-6.243	-0.236	-0.0007	-0.0000	-0.0017
157	_____	0	G	+0.336	-1.982	-0.168	-0.0001	-0.0000	-0.0005
157	_____	1	Q1	-0.221	+7.006	-0.035	-0.0002	-0.0000	+0.0012
157	_____	11	M1	-0.143	+2.802	-0.005	-0.0002	-0.0000	+0.0004
157	_____	12	M2	+0.246	-4.807	-0.031	+0.0000	-0.0000	-0.0009
157	_____	13	M3	-0.077	+3.251	-0.023	-0.0000	-0.0000	+0.0006
157	_____	14	M4	+0.027	-0.570	-0.004	+0.0000	-0.0000	-0.0001
157	_____	15	M5	-0.072	+1.339	-0.015	-0.0001	-0.0000	+0.0002
157	_____	16	M6	+0.078	-1.528	-0.031	-0.0002	-0.0000	-0.0004
157	_____	17	M7	+0.203	-1.408	-0.035	+0.0002	-0.0000	-0.0004
157	_____	M+	A	+0.582	+7.300	+0.000	+0.0001	+0.0000	+0.0011
157	_____	M-	A	+0.000	-6.790	-0.228	-0.0005	-0.0000	-0.0014
158	_____	0	G	+0.308	-2.169	-0.157	+0.0001	-0.0000	-0.0006
158	_____	1	Q1	-0.245	+7.348	-0.033	-0.0002	-0.0000	+0.0007
158	_____	11	M1	-0.157	+2.886	-0.005	-0.0001	-0.0000	+0.0001
158	_____	12	M2	+0.247	-5.059	-0.029	+0.0001	-0.0000	-0.0006
158	_____	13	M3	-0.086	+3.428	-0.021	+0.0000	-0.0000	+0.0004
158	_____	14	M4	+0.030	-0.587	-0.004	+0.0000	-0.0000	-0.0000
158	_____	15	M5	-0.079	+1.380	-0.014	-0.0001	-0.0000	+0.0000
158	_____	16	M6	+0.064	-1.661	-0.029	-0.0002	-0.0000	-0.0004
158	_____	17	M7	+0.202	-1.548	-0.033	+0.0002	-0.0000	-0.0004
158	_____	M+	A	+0.555	+7.579	+0.000	+0.0003	+0.0000	+0.0004
158	_____	M-	A	-0.047	-7.228	-0.213	-0.0002	-0.0001	-0.0011
159	_____	0	G	+0.317	-2.354	-0.145	+0.0003	-0.0000	-0.0005
159	_____	1	Q1	-0.242	+7.489	-0.031	-0.0002	-0.0000	+0.0001
159	_____	11	M1	-0.155	+2.873	-0.005	-0.0001	-0.0000	-0.0002
159	_____	12	M2	+0.249	-5.189	-0.027	+0.0001	-0.0000	-0.0002
159	_____	13	M3	-0.085	+3.514	-0.020	+0.0000	-0.0000	+0.0001
159	_____	14	M4	+0.030	-0.585	-0.004	+0.0000	-0.0000	+0.0000
159	_____	15	M5	-0.078	+1.374	-0.013	-0.0001	-0.0000	-0.0001
159	_____	16	M6	+0.067	-1.775	-0.026	-0.0001	-0.0000	-0.0003
159	_____	17	M7	+0.204	-1.657	-0.030	+0.0003	-0.0000	-0.0002
159	_____	M+	A	+0.567	+7.595	+0.000	+0.0005	+0.0000	+0.0000
159	_____	M-	A	-0.033	-7.543	-0.197	+0.0000	-0.0000	-0.0007
160	_____	0	G	+0.328	-2.481	-0.138	+0.0005	-0.0000	-0.0002
160	_____	1	Q1	-0.239	+7.390	-0.029	-0.0001	-0.0000	-0.0007
160	_____	11	M1	-0.154	+2.757	-0.005	-0.0002	+0.0000	-0.0005
160	_____	12	M2	+0.252	-5.143	-0.025	+0.0002	-0.0000	+0.0004
160	_____	13	M3	-0.083	+3.489	-0.018	+0.0001	-0.0000	-0.0002
160	_____	14	M4	+0.029	-0.561	-0.004	+0.0000	-0.0000	+0.0001
160	_____	15	M5	-0.077	+1.319	-0.013	-0.0001	-0.0000	-0.0002
160	_____	16	M6	+0.071	-1.828	-0.025	-0.0001	-0.0000	-0.0000
160	_____	17	M7	+0.207	-1.708	-0.028	+0.0003	-0.0000	-0.0000
160	_____	M+	A	+0.580	+7.351	+0.000	+0.0008	+0.0000	+0.0002
160	_____	M-	A	-0.018	-7.624	-0.186	+0.0000	-0.0000	-0.0012
161	_____	0	G	+0.339	-2.510	-0.130	+0.0007	-0.0000	+0.0001
161	_____	1	Q1	-0.235	+7.041	-0.028	-0.0001	-0.0000	-0.0013
161	_____	11	M1	-0.152	+2.544	-0.005	-0.0002	-0.0000	-0.0007
161	_____	12	M2	+0.255	-4.896	-0.024	+0.0002	-0.0000	+0.0009
161	_____	13	M3	-0.082	+3.344	-0.017	+0.0001	-0.0000	-0.0006
161	_____	14	M4	+0.029	-0.518	-0.003	+0.0000	-0.0000	+0.0001
161	_____	15	M5	-0.075	+1.218	-0.012	-0.0001	-0.0000	-0.0003
161	_____	16	M6	+0.075	-1.796	-0.024	-0.0000	-0.0000	+0.0002
161	_____	17	M7	+0.209	-1.685	-0.026	+0.0004	-0.0000	+0.0002
161	_____	M+	A	+0.594	+6.872	+0.000	+0.0011	+0.0000	+0.0010
161	_____	M-	A	-0.003	-7.406	-0.176	+0.0000	-0.0000	-0.0017
162	_____	0	G	+0.349	-2.454	-0.120	+0.0008	-0.0000	+0.0002
162	_____	1	Q1	-0.233	+6.528	-0.026	-0.0001	-0.0000	-0.0016
162	_____	11	M1	-0.151	+2.279	-0.005	-0.0002	-0.0000	-0.0008
162	_____	12	M2	+0.257	-4.513	-0.022	+0.0002	-0.0000	+0.0012
162	_____	13	M3	-0.080	+3.116	-0.016	+0.0001	-0.0000	-0.0007
162	_____	14	M4	+0.029	-0.464	-0.003	+0.0000	-0.0000	+0.0002
162	_____	15	M5	-0.075	+1.091	-0.012	-0.0001	-0.0000	-0.0004
162	_____	16	M6	+0.078	-1.696	-0.023	-0.0000	-0.0000	+0.0004
162	_____	17	M7	+0.212	-1.605	-0.023	+0.0005	-0.0000	+0.0003
162	_____	M+	A	+0.606	+6.255	+0.000	+0.0013	+0.0000	+0.0014
162	_____	M-	A	+0.000	-6.967	-0.162	+0.0000	-0.0001	-0.0019
163	_____	0	G	+0.333	-2.355	-0.111	+0.0010	-0.0000	+0.0003
163	_____	1	Q1	-0.220	+5.934	-0.025	-0.0001	-0.0000	-0.0018
163	_____	11	M1	-0.142	+1.998	-0.005	-0.0002	-0.0000	-0.0008
163	_____	12	M2	+0.245	-4.065	-0.020	+0.0003	-0.0000	+0.0013
163	_____	13	M3	-0.076	+2.843	-0.015	+0.0001	-0.0000	-0.0008
163	_____	14	M4	+0.028	-0.407	-0.003	+0.0000	-0.0000	+0.0002
163	_____	15	M5	-0.070	+0.956	-0.011	-0.0001	-0.0000	-0.0004
163	_____	16	M6	+0.076	-1.556	-0.021	+0.0000	-0.0000	+0.0004
163	_____	17	M7	+0.200	-1.500	-0.022	+0.0005	-0.0000	+0.0003
163	_____	M+	A	+0.577	+5.569	+0.000	+0.0015	+0.0000	+0.0017
163	_____	M-	A	+0.000	-6.419	-0.151	+0.0000	-0.0000	-0.0020
164	_____	0	G	+0.317	-2.210	-0.107	+0.0011	-0.0000	+0.0005
164	_____	1	Q1	-0.208	+5.282	-0.023	-0.0000	-0.0000	-0.0019
164	_____	11	M1	-0.133	+1.713	-0.004	-0.0002	-0.0000	-0.0008
164	_____	12	M2	+0.232	-3.572	-0.020	+0.0003	-0.0000	+0.0014
164	_____	13	M3	-0.072	+2.536	-0.014	+0.0002	-0.0000	-0.0009
164	_____	14	M4	+0.026	-0.349	-0.003	+0.0000	-0.0000	+0.0002
164	_____	15	M5	-0.065	+0.819	-0.010	-0.0001	-0.0000	-0.0004
164	_____	16	M6	+0.073	-1.388	-0.020	+0.0000	-0.0000	+0.0005
164	_____	17	M7	+0.189	-1.372	-0.021	+0.0006	+0.0000	+0.0004
164	_____	M+	A	+0.549	+4.847	+0.000	+0.0017	+0.0000	+0.0019
164	_____	M-	A	+0.000	-5.782	-0.146	+0.0000	-0.0000	-0.0021
165	_____	0	G	+0.299	-1.990	-0.104	+0.0013	-0.0000	+0.0008
165	_____	1	Q1	-0.194	+4.563	-0.022	-0.0000	-0.0000	-0.0021
165	_____	11	M1	-0.123	+1.424	-0.004	-0.0002	-0.0000	-0.0008
165	_____	12	M2	+0.217	-3.033	-0.019	+0.0004	-0.0000	+0.0016
165	_____	13	M3	-0.068	+2.190	-0.014	+0.0002	-0.0000	-0.0010
165	_____	14	M4	+0.024	-0.290	-0.003	+0.0000	-0.0000	+0.0002
165	_____	15	M5	-0.060	+0.681	-0.009	-0.0001	-0.0000	-0.0004
165	_____	16	M6	+0.070	-1.194	-0.019	+0.0001	-0.0000	+0.0006

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
165	_____	17	M7	+0.176	-1.208	-0.022	+0.0006	+0.0000	+0.0005
165	_____	M+	A	+0.516	+4.107	+0.000	+0.0020	+0.0000	+0.0023
165	_____	M-	A	+0.000	-5.022	-0.142	+0.0000	-0.0000	-0.0021
166	_____	0	G	+0.281	-1.679	-0.103	+0.0015	-0.0000	+0.0010
166	_____	1	Q1	-0.180	+3.768	-0.021	-0.0000	-0.0000	-0.0023
166	_____	11	M1	-0.113	+1.136	-0.003	-0.0002	-0.0000	-0.0008
166	_____	12	M2	+0.203	-2.455	-0.019	+0.0004	+0.0000	+0.0017
166	_____	13	M3	-0.063	+1.803	-0.014	+0.0002	+0.0000	-0.0011
166	_____	14	M4	+0.022	-0.232	-0.003	+0.0000	-0.0000	+0.0002
166	_____	15	M5	-0.055	+0.543	-0.009	-0.0001	-0.0000	-0.0004
166	_____	16	M6	+0.067	-0.975	-0.018	+0.0001	-0.0000	+0.0006
166	_____	17	M7	+0.164	-1.001	-0.023	+0.0007	+0.0000	+0.0006
166	_____	M+	A	+0.484	+3.351	+0.000	+0.0022	+0.0000	+0.0026
166	_____	M-	A	+0.000	-4.134	-0.140	+0.0000	-0.0000	-0.0022
167	_____	0	G	+0.263	-1.308	-0.103	+0.0018	+0.0000	+0.0011
167	_____	1	Q1	-0.167	+2.905	-0.021	+0.0000	+0.0000	-0.0025
167	_____	11	M1	-0.102	+0.852	-0.002	-0.0002	-0.0000	-0.0008
167	_____	12	M2	+0.188	-1.857	-0.020	+0.0005	+0.0000	+0.0017
167	_____	13	M3	-0.059	+1.382	-0.014	+0.0002	+0.0000	-0.0012
167	_____	14	M4	+0.020	-0.174	-0.003	+0.0000	-0.0000	+0.0002
167	_____	15	M5	-0.050	+0.407	-0.008	-0.0001	-0.0000	-0.0004
167	_____	16	M6	+0.064	-0.742	-0.018	+0.0001	+0.0000	+0.0007
167	_____	17	M7	+0.151	-0.763	-0.024	+0.0008	+0.0000	+0.0007
167	_____	M+	A	+0.451	+2.565	+0.000	+0.0025	+0.0000	+0.0028
167	_____	M-	A	+0.000	-3.165	-0.142	+0.0000	+0.0000	-0.0023
168	_____	0	G	+0.245	-0.930	-0.109	+0.0020	+0.0000	+0.0010
168	_____	1	Q1	-0.153	+1.983	-0.022	+0.0000	+0.0000	-0.0027
168	_____	11	M1	-0.092	+0.575	-0.003	-0.0002	+0.0000	-0.0008
168	_____	12	M2	+0.174	-1.258	-0.021	+0.0005	+0.0000	+0.0017
168	_____	13	M3	-0.054	+0.932	-0.015	+0.0003	+0.0000	-0.0013
168	_____	14	M4	+0.018	-0.117	-0.002	+0.0000	-0.0000	+0.0002
168	_____	15	M5	-0.045	+0.275	-0.008	-0.0001	+0.0000	-0.0004
168	_____	16	M6	+0.062	-0.504	-0.020	+0.0002	+0.0000	+0.0007
168	_____	17	M7	+0.138	-0.522	-0.027	+0.0008	+0.0000	+0.0006
168	_____	M+	A	+0.419	+1.705	+0.000	+0.0028	+0.0000	+0.0027
168	_____	M-	A	+0.000	-2.188	-0.151	+0.0000	+0.0000	-0.0026
169	_____	0	G	+0.227	-0.628	-0.113	+0.0022	-0.0000	+0.0007
169	_____	1	Q1	-0.139	+1.008	-0.022	+0.0000	-0.0000	-0.0028
169	_____	11	M1	-0.082	+0.310	-0.003	-0.0003	-0.0000	-0.0007
169	_____	12	M2	+0.159	-0.677	-0.023	+0.0006	-0.0000	+0.0016
169	_____	13	M3	-0.050	+0.455	-0.016	+0.0003	-0.0000	-0.0014
169	_____	14	M4	+0.017	-0.063	-0.002	+0.0001	-0.0000	+0.0001
169	_____	15	M5	-0.039	+0.148	-0.008	-0.0001	-0.0000	-0.0003
169	_____	16	M6	+0.059	-0.271	-0.021	+0.0002	-0.0000	+0.0006
169	_____	17	M7	+0.126	-0.320	-0.029	+0.0009	+0.0000	+0.0005
169	_____	M+	A	+0.386	+0.698	+0.000	+0.0031	+0.0000	+0.0022
169	_____	M-	A	+0.000	-1.305	-0.158	+0.0000	-0.0000	-0.0031
170	_____	0	G	+0.211	-0.496	-0.092	+0.0023	-0.0001	+0.0000
170	_____	1	Q1	-0.127	-0.007	-0.015	+0.0001	-0.0000	-0.0029
170	_____	11	M1	-0.073	+0.059	+0.000	-0.0003	-0.0000	-0.0007
170	_____	12	M2	+0.147	-0.131	-0.018	+0.0006	-0.0000	+0.0015
170	_____	13	M3	-0.046	-0.059	-0.013	+0.0003	-0.0000	-0.0015
170	_____	14	M4	+0.015	-0.012	-0.002	+0.0001	+0.0000	+0.0001
170	_____	15	M5	-0.035	+0.028	-0.005	-0.0001	-0.0000	-0.0003
170	_____	16	M6	+0.056	-0.052	-0.014	+0.0002	-0.0000	+0.0006
170	_____	17	M7	+0.115	-0.204	-0.025	+0.0010	-0.0000	+0.0002
170	_____	M+	A	+0.359	+0.000	+0.000	+0.0033	+0.0000	+0.0015
170	_____	M-	A	+0.000	-0.705	-0.128	+0.0000	-0.0002	-0.0039
171	_____	0	G	+0.191	-0.582	-0.067	+0.0022	-0.0000	-0.0005
171	_____	1	Q1	-0.115	-0.975	-0.008	+0.0000	-0.0000	-0.0031
171	_____	11	M1	-0.066	-0.157	+0.003	-0.0003	-0.0000	-0.0007
171	_____	12	M2	+0.133	+0.334	-0.013	+0.0006	-0.0000	+0.0014
171	_____	13	M3	-0.042	-0.575	-0.009	+0.0003	-0.0000	-0.0017
171	_____	14	M4	+0.014	+0.032	-0.002	+0.0001	-0.0000	+0.0001
171	_____	15	M5	-0.032	-0.075	-0.003	-0.0001	-0.0000	-0.0003
171	_____	16	M6	+0.051	+0.133	-0.007	+0.0002	-0.0000	+0.0006
171	_____	17	M7	+0.104	-0.196	-0.019	+0.0009	-0.0000	-0.0001
171	_____	M+	A	+0.323	+0.000	+0.000	+0.0031	+0.0000	+0.0009
171	_____	M-	A	+0.000	-1.959	-0.092	+0.0000	-0.0000	-0.0048
172	_____	0	G	+0.166	-0.817	-0.062	+0.0020	-0.0000	-0.0009
172	_____	1	Q1	-0.100	-1.962	-0.009	+0.0000	+0.0000	-0.0030
172	_____	11	M1	-0.058	-0.362	+0.002	-0.0002	+0.0000	-0.0006
172	_____	12	M2	+0.116	+0.769	-0.012	+0.0005	-0.0000	+0.0013
172	_____	13	M3	-0.036	-1.116	-0.008	+0.0003	-0.0000	-0.0017
172	_____	14	M4	+0.012	+0.074	-0.002	+0.0000	-0.0000	+0.0001
172	_____	15	M5	-0.028	-0.172	-0.003	-0.0001	+0.0000	-0.0003
172	_____	16	M6	+0.044	+0.305	-0.007	+0.0002	+0.0000	+0.0005
172	_____	17	M7	+0.090	-0.263	-0.018	+0.0008	-0.0000	-0.0003
172	_____	M+	A	+0.282	+0.000	+0.000	+0.0028	+0.0000	+0.0004
172	_____	M-	A	+0.000	-3.560	-0.086	+0.0000	-0.0000	-0.0051
173	_____	0	G	+0.141	-1.121	-0.059	+0.0018	-0.0000	-0.0010
173	_____	1	Q1	-0.085	-2.884	-0.010	+0.0000	+0.0000	-0.0027
173	_____	11	M1	-0.049	-0.546	+0.000	-0.0002	+0.0000	-0.0005
173	_____	12	M2	+0.098	+1.157	-0.011	+0.0005	-0.0000	+0.0011
173	_____	13	M3	-0.031	-1.630	-0.008	+0.0002	-0.0000	-0.0015
173	_____	14	M4	+0.010	+0.112	-0.002	+0.0000	-0.0000	+0.0001
173	_____	15	M5	-0.023	-0.260	-0.003	-0.0001	+0.0000	-0.0003
173	_____	16	M6	+0.038	+0.458	-0.009	+0.0002	+0.0000	+0.0004
173	_____	17	M7	+0.077	-0.370	-0.016	+0.0008	-0.0000	-0.0004
173	_____	M+	A	+0.240	+0.036	+0.000	+0.0025	+0.0000	+0.0001
173	_____	M-	A	+0.000	-5.147	-0.082	+0.0000	-0.0000	-0.0047
174	_____	0	G	+0.117	-1.424	-0.052	+0.0016	-0.0000	-0.0009
174	_____	1	Q1	-0.070	-3.681	-0.009	-0.0000	-0.0000	-0.0022
174	_____	11	M1	-0.041	-0.703	-0.001	-0.0002	+0.0000	-0.0004
174	_____	12	M2	+0.081	+1.485	-0.010	+0.0004	-0.0000	+0.0009
174	_____	13	M3	-0.026	-2.079	-0.007	+0.0002	-0.0000	-0.0013
174	_____	14	M4	+0.008	+0.144	-0.001	+0.0000	-0.0000	+0.0001
174	_____	15	M5	-0.019	-0.335	-0.004	-0.0001	-0.0000	-0.0002
174	_____	16	M6	+0.031	+0.587	-0.008	+0.0002	-0.0000	+0.0004
174	_____	17	M7	+0.063	-0.484	-0.013	+0.0007	-0.0000	-0.0003
174	_____	M+	A	+0.198	+0.061	+0.000	+0.0023	+0.0000	+0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
174	_____	M-	A	+0.000	-6.560	-0.071	+0.0000	-0.0000	-0.0040
175	_____	0	G	+0.092	-1.670	-0.042	+0.0014	-0.0000	-0.0006
175	_____	1	Q1	-0.056	-4.291	-0.008	-0.0000	-0.0000	-0.0016
175	_____	11	M1	-0.032	-0.826	-0.001	-0.0002	+0.0000	-0.0003
175	_____	12	M2	+0.064	+1.737	-0.008	+0.0004	-0.0000	+0.0007
175	_____	13	M3	-0.020	-2.425	-0.006	+0.0002	-0.0000	-0.0009
175	_____	14	M4	+0.007	+0.169	-0.001	+0.0000	-0.0000	+0.0001
175	_____	15	M5	-0.015	-0.393	-0.003	-0.0001	-0.0000	-0.0002
175	_____	16	M6	+0.024	+0.686	-0.007	+0.0002	-0.0000	+0.0003
175	_____	17	M7	+0.050	-0.580	-0.010	+0.0006	-0.0000	-0.0003
175	_____	M+	A	+0.156	+0.067	+0.000	+0.0020	+0.0000	+0.0000
175	_____	M-	A	+0.000	-7.659	-0.058	+0.0000	-0.0000	-0.0028
176	_____	0	G	+0.067	-1.827	-0.032	+0.0012	-0.0000	-0.0003
176	_____	1	Q1	-0.041	-4.676	-0.007	-0.0000	-0.0000	-0.0008
176	_____	11	M1	-0.023	-0.906	-0.001	-0.0002	+0.0000	-0.0002
176	_____	12	M2	+0.047	+1.901	-0.006	+0.0004	-0.0000	+0.0004
176	_____	13	M3	-0.015	-2.640	-0.004	+0.0002	-0.0000	-0.0004
176	_____	14	M4	+0.005	+0.186	-0.001	+0.0000	-0.0000	+0.0000
176	_____	15	M5	-0.011	-0.431	-0.003	-0.0001	-0.0000	-0.0001
176	_____	16	M6	+0.018	+0.749	-0.006	+0.0001	-0.0000	+0.0001
176	_____	17	M7	+0.037	-0.643	-0.006	+0.0005	-0.0000	-0.0001
176	_____	M+	A	+0.114	+0.074	+0.000	+0.0017	+0.0000	+0.0000
176	_____	M-	A	+0.000	-8.351	-0.043	+0.0000	-0.0000	-0.0014
177	_____	0	G	+0.042	-1.877	-0.023	+0.0010	-0.0000	+0.0000
177	_____	1	Q1	-0.026	-4.801	-0.006	-0.0001	-0.0000	+0.0000
177	_____	11	M1	-0.015	-0.937	-0.002	-0.0001	+0.0000	-0.0000
177	_____	12	M2	+0.030	+1.961	-0.004	+0.0003	-0.0000	+0.0000
177	_____	13	M3	-0.009	-2.702	-0.003	+0.0002	-0.0000	+0.0001
177	_____	14	M4	+0.003	+0.192	-0.001	+0.0000	-0.0000	+0.0000
177	_____	15	M5	-0.007	-0.446	-0.003	-0.0001	-0.0000	-0.0000
177	_____	16	M6	+0.011	+0.772	-0.005	+0.0001	-0.0000	+0.0000
177	_____	17	M7	+0.023	-0.670	-0.003	+0.0004	-0.0000	-0.0000
177	_____	M+	A	+0.072	+0.085	+0.000	+0.0015	+0.0000	+0.0001
177	_____	M-	A	+0.000	-8.569	-0.031	+0.0000	-0.0000	-0.0000
178	_____	0	G	+0.020	-1.840	-0.015	+0.0009	-0.0000	+0.0002
178	_____	1	Q1	-0.013	-4.701	-0.004	-0.0001	-0.0000	+0.0006
178	_____	11	M1	-0.007	-0.923	-0.002	-0.0001	+0.0000	+0.0001
178	_____	12	M2	+0.014	+1.927	-0.002	+0.0003	-0.0000	-0.0002
178	_____	13	M3	-0.005	-2.634	-0.002	+0.0001	-0.0000	+0.0004
178	_____	14	M4	+0.001	+0.189	-0.000	+0.0000	-0.0000	-0.0000
178	_____	15	M5	-0.003	-0.439	-0.003	-0.0001	-0.0000	+0.0000
178	_____	16	M6	+0.005	+0.758	-0.003	+0.0001	-0.0000	-0.0001
178	_____	17	M7	+0.011	-0.669	-0.001	+0.0004	-0.0000	+0.0000
178	_____	M+	A	+0.034	+0.087	+0.000	+0.0013	+0.0000	+0.0010
178	_____	M-	A	+0.000	-8.385	-0.022	+0.0000	-0.0000	-0.0000
179	_____	0	G	-0.002	-1.749	-0.012	+0.0007	+0.0000	+0.0003
179	_____	1	Q1	+0.001	-4.423	-0.004	-0.0001	+0.0000	+0.0011
179	_____	11	M1	+0.000	-0.869	-0.002	-0.0001	-0.0000	+0.0002
179	_____	12	M2	-0.001	+1.811	-0.002	+0.0002	+0.0000	-0.0005
179	_____	13	M3	+0.000	-2.467	-0.002	+0.0001	+0.0000	+0.0007
179	_____	14	M4	-0.000	+0.178	-0.000	+0.0000	-0.0000	-0.0000
179	_____	15	M5	+0.000	-0.413	-0.002	-0.0001	-0.0000	+0.0001
179	_____	16	M6	-0.001	+0.711	-0.003	+0.0001	-0.0000	-0.0002
179	_____	17	M7	-0.001	-0.652	-0.001	+0.0003	+0.0000	+0.0001
179	_____	M+	A	+0.000	+0.062	+0.000	+0.0011	+0.0000	+0.0019
179	_____	M-	A	-0.003	-7.899	-0.018	+0.0000	+0.0000	-0.0002
180	_____	0	G	-0.001	-1.602	-0.011	+0.0006	-0.0000	+0.0006
180	_____	1	Q1	+0.000	-3.956	-0.003	-0.0001	-0.0000	+0.0018
180	_____	11	M1	+0.000	-0.772	-0.001	-0.0001	-0.0000	+0.0004
180	_____	12	M2	-0.001	+1.609	-0.002	+0.0002	-0.0000	-0.0008
180	_____	13	M3	+0.000	-2.199	-0.001	+0.0001	-0.0000	+0.0010
180	_____	14	M4	-0.000	+0.159	-0.000	+0.0000	-0.0000	-0.0001
180	_____	15	M5	+0.000	-0.368	-0.002	-0.0000	-0.0000	+0.0002
180	_____	16	M6	-0.000	+0.631	-0.002	+0.0001	-0.0000	-0.0003
180	_____	17	M7	-0.001	-0.615	-0.001	+0.0003	-0.0000	+0.0002
180	_____	M+	A	+0.000	+0.006	+0.000	+0.0008	+0.0000	+0.0030
180	_____	M-	A	-0.002	-7.098	-0.016	+0.0000	-0.0000	-0.0002
181	_____	0	G	-0.001	-1.354	-0.009	+0.0004	-0.0000	+0.0010
181	_____	1	Q1	+0.000	-3.252	-0.002	-0.0001	-0.0000	+0.0026
181	_____	11	M1	+0.000	-0.630	-0.001	-0.0001	-0.0000	+0.0005
181	_____	12	M2	-0.001	+1.310	-0.001	+0.0002	-0.0000	-0.0011
181	_____	13	M3	+0.000	-1.802	-0.001	+0.0001	-0.0000	+0.0015
181	_____	14	M4	-0.000	+0.129	-0.000	+0.0000	-0.0000	-0.0001
181	_____	15	M5	+0.000	-0.300	-0.001	-0.0000	-0.0000	+0.0002
181	_____	16	M6	-0.000	+0.514	-0.002	+0.0001	-0.0000	-0.0004
181	_____	17	M7	-0.000	-0.532	-0.001	+0.0002	-0.0000	+0.0003
181	_____	M+	A	+0.000	+0.000	+0.000	+0.0006	+0.0000	+0.0046
181	_____	M-	A	-0.002	-5.867	-0.012	+0.0000	-0.0000	-0.0001
182	_____	0	G	-0.001	-0.986	-0.006	+0.0002	-0.0000	+0.0013
182	_____	1	Q1	+0.000	-2.313	-0.001	-0.0002	-0.0000	+0.0032
182	_____	11	M1	+0.000	-0.444	-0.000	-0.0001	-0.0000	+0.0006
182	_____	12	M2	-0.000	+0.924	-0.001	+0.0001	-0.0000	-0.0013
182	_____	13	M3	+0.000	-1.277	-0.001	+0.0001	-0.0000	+0.0018
182	_____	14	M4	-0.000	+0.091	-0.000	+0.0000	-0.0000	-0.0001
182	_____	15	M5	+0.000	-0.211	-0.001	-0.0000	-0.0000	+0.0003
182	_____	16	M6	-0.000	+0.362	-0.001	+0.0001	-0.0000	-0.0005
182	_____	17	M7	-0.000	-0.396	-0.001	+0.0001	-0.0000	+0.0005
182	_____	M+	A	+0.000	+0.000	+0.000	+0.0003	+0.0000	+0.0058
182	_____	M-	A	-0.001	-4.192	-0.008	-0.0000	-0.0000	-0.0000
183	_____	0	G	-0.000	-0.520	-0.004	-0.0000	-0.0000	+0.0016
183	_____	1	Q1	+0.000	-1.200	-0.000	-0.0002	-0.0000	+0.0036
183	_____	11	M1	+0.000	-0.229	-0.000	-0.0000	-0.0000	+0.0007
183	_____	12	M2	-0.000	+0.476	-0.001	+0.0001	-0.0000	-0.0015
183	_____	13	M3	+0.000	-0.660	-0.000	+0.0001	-0.0000	+0.0020
183	_____	14	M4	-0.000	+0.047	-0.000	+0.0000	-0.0000	-0.0001
183	_____	15	M5	+0.000	-0.109	-0.000	-0.0000	-0.0000	+0.0003
183	_____	16	M6	-0.000	+0.187	-0.001	+0.0000	-0.0000	-0.0006
183	_____	17	M7	-0.000	-0.212	-0.001	+0.0000	-0.0000	+0.0006
183	_____	M+	A	+0.000	+0.000	+0.000	+0.0001	+0.0000	+0.0066
183	_____	M-	A	-0.000	-2.182	-0.005	-0.0002	-0.0000	+0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
184	xyz___	0	G	+0.000	+0.000	+0.000	-0.0002	-0.0000	+0.0017
184	xyz___	1	Q1	+0.000	+0.000	+0.000	-0.0002	+0.0000	+0.0038
184	xyz___	11	M1	+0.000	+0.000	+0.000	-0.0000	+0.0000	+0.0007
184	xyz___	12	M2	+0.000	+0.000	+0.000	+0.0001	-0.0000	-0.0015
184	xyz___	13	M3	+0.000	+0.000	+0.000	+0.0000	-0.0000	+0.0021
184	xyz___	16	M6	+0.000	+0.000	+0.000	+0.0000	-0.0000	-0.0006
184	xyz___	17	M7	+0.000	+0.000	+0.000	-0.0001	-0.0000	+0.0007
184	xyz___	M+	A	+0.000	+0.000	+0.000	+0.0000	+0.0000	+0.0069
184	xyz___	M-	A	+0.000	+0.000	+0.000	-0.0005	-0.0000	+0.0000
185	_y____	0	G	+0.539	+0.000	-0.186	-0.0022	-0.0000	+0.0003
185	_y____	1	Q1	-0.050	+0.000	-0.038	-0.0009	-0.0000	+0.0039
185	_y____	11	M1	-0.041	+0.000	-0.006	-0.0003	-0.0000	+0.0016
185	_y____	12	M2	+0.238	+0.000	-0.035	-0.0003	+0.0000	-0.0021
185	_y____	13	M3	-0.007	+0.000	-0.025	-0.0003	-0.0000	+0.0017
185	_y____	14	M4	-0.000	+0.000	-0.005	+0.0001	-0.0000	-0.0003
185	_y____	15	M5	-0.032	+0.000	-0.018	-0.0002	-0.0000	+0.0008
185	_y____	16	M6	+0.182	+0.000	-0.032	-0.0010	+0.0000	-0.0001
185	_y____	17	M7	+0.217	+0.000	-0.039	-0.0001	+0.0000	-0.0005
185	_y____	M+	A	+0.777	+0.000	+0.000	+0.0000	+0.0000	+0.0054
185	_y____	M-	A	+0.000	+0.000	-0.251	-0.0037	-0.0001	-0.0019
186	_y____	0	G	+0.912	+0.000	-0.277	-0.0038	+0.0000	-0.0002
186	_y____	1	Q1	+0.151	+0.000	-0.046	-0.0015	+0.0000	-0.0039
186	_y____	11	M1	+0.079	+0.000	+0.000	-0.0007	+0.0000	-0.0021
186	_y____	12	M2	+0.285	+0.000	-0.059	-0.0002	-0.0000	+0.0019
186	_y____	13	M3	+0.106	+0.000	-0.034	-0.0007	+0.0000	-0.0016
186	_y____	14	M4	+0.002	+0.000	-0.005	-0.0003	-0.0000	+0.0008
186	_y____	15	M5	+0.100	+0.000	-0.005	-0.0017	+0.0000	-0.0003
186	_y____	16	M6	+0.301	+0.000	-0.057	-0.0001	+0.0000	-0.0003
186	_y____	17	M7	+0.221	+0.000	-0.071	+0.0001	+0.0000	+0.0002
186	_y____	M+	A	+1.319	+0.000	+0.000	+0.0000	+0.0001	+0.0017
186	_y____	M-	A	+0.000	+0.000	-0.380	-0.0065	-0.0000	-0.0055
187	_____	0	G	+1.521	-1.317	-0.538	-0.0003	+0.0000	+0.0004
187	_____	1	Q1	+0.172	-4.670	-0.093	+0.0001	+0.0000	-0.0004
187	_____	11	M1	+0.098	-2.868	-0.009	+0.0001	+0.0000	-0.0002
187	_____	12	M2	+0.498	+2.133	-0.109	-0.0001	+0.0000	+0.0004
187	_____	13	M3	+0.078	-0.965	-0.061	+0.0000	-0.0000	-0.0002
187	_____	14	M4	+0.271	-0.049	-0.033	-0.0001	+0.0000	+0.0004
187	_____	15	M5	+0.231	+0.311	-0.043	-0.0000	+0.0000	+0.0001
187	_____	16	M6	+0.279	-0.231	-0.090	+0.0000	-0.0000	-0.0000
187	_____	17	M7	+0.224	+0.130	-0.108	-0.0000	-0.0000	+0.0000
187	_____	M+	A	+2.139	+0.816	+0.000	+0.0000	+0.0000	+0.0009
187	_____	M-	A	+0.000	-7.995	-0.712	-0.0004	+0.0000	-0.0001
188	_____	0	G	-0.018	-1.125	+0.044	+0.0005	+0.0000	-0.0006
188	_____	1	Q1	-0.066	-4.580	+0.009	+0.0001	-0.0000	+0.0004
188	_____	11	M1	-0.014	-0.945	-0.006	-0.0000	-0.0000	+0.0002
188	_____	12	M2	+0.031	+2.091	+0.005	+0.0001	+0.0000	-0.0004
188	_____	13	M3	-0.039	-2.528	+0.006	+0.0001	+0.0000	+0.0002
188	_____	14	M4	+0.003	+0.209	+0.000	+0.0000	+0.0000	-0.0000
188	_____	15	M5	-0.006	-0.414	-0.005	-0.0000	-0.0000	+0.0001
188	_____	16	M6	+0.013	+0.871	-0.001	+0.0000	-0.0000	-0.0002
188	_____	17	M7	-0.000	-0.451	+0.027	+0.0002	+0.0000	-0.0004
188	_____	M+	A	+0.013	+0.965	+0.077	+0.0009	+0.0000	+0.0000
188	_____	M-	A	-0.111	-7.475	+0.000	+0.0000	-0.0000	-0.0010
189	_____	0	G	+1.507	-0.883	-0.505	-0.0001	-0.0000	+0.0006
189	_____	1	Q1	+0.171	-4.558	-0.111	-0.0001	-0.0000	-0.0004
189	_____	11	M1	+0.099	-2.809	-0.021	-0.0001	-0.0000	-0.0002
189	_____	12	M2	+0.494	+2.204	-0.095	-0.0000	-0.0000	+0.0005
189	_____	13	M3	+0.077	-0.929	-0.065	+0.0000	-0.0000	-0.0002
189	_____	14	M4	+0.271	+0.024	-0.015	-0.0000	+0.0000	+0.0004
189	_____	15	M5	+0.234	+0.418	-0.038	+0.0000	-0.0000	+0.0001
189	_____	16	M6	+0.275	-0.200	-0.091	+0.0000	-0.0000	-0.0000
189	_____	17	M7	+0.219	+0.139	-0.107	-0.0000	-0.0000	+0.0000
189	_____	M+	A	+2.121	+1.321	+0.000	+0.0000	+0.0000	+0.0010
189	_____	M-	A	+0.000	-7.407	-0.691	-0.0003	-0.0001	+0.0000
190	_____	0	G	-0.036	-1.727	+0.090	+0.0007	+0.0001	-0.0004
190	_____	1	Q1	-0.067	-4.678	-0.009	-0.0001	+0.0000	+0.0004
190	_____	11	M1	-0.012	-0.944	-0.015	-0.0001	-0.0000	+0.0002
190	_____	12	M2	+0.027	+1.968	+0.029	+0.0002	+0.0000	-0.0004
190	_____	13	M3	-0.041	-2.606	+0.015	+0.0001	+0.0000	+0.0002
190	_____	14	M4	+0.003	+0.194	+0.002	+0.0000	+0.0000	-0.0000
190	_____	15	M5	-0.006	-0.449	-0.009	-0.0000	-0.0000	+0.0001
190	_____	16	M6	+0.010	+0.773	+0.010	+0.0001	+0.0000	-0.0002
190	_____	17	M7	-0.006	-0.604	+0.045	+0.0003	+0.0000	-0.0003
190	_____	M+	A	+0.000	+0.240	+0.135	+0.0011	+0.0001	+0.0002
190	_____	M-	A	-0.132	-8.230	+0.000	+0.0000	+0.0000	-0.0008
191	_____	0	G	+0.808	-2.799	-0.185	+0.0006	+0.0000	-0.0016
191	_____	1	Q1	+0.364	-9.625	-0.018	+0.0002	+0.0000	-0.0033
191	_____	11	M1	+0.177	-5.033	+0.008	+0.0001	+0.0000	-0.0015
191	_____	12	M2	+0.136	+4.036	-0.045	+0.0001	-0.0000	+0.0011
191	_____	13	M3	+0.178	-4.319	-0.022	+0.0001	+0.0000	-0.0015
191	_____	14	M4	-0.060	+1.472	-0.005	-0.0000	+0.0000	+0.0002
191	_____	15	M5	+0.048	-1.852	+0.007	+0.0001	+0.0000	-0.0010
191	_____	16	M6	+0.333	-1.024	-0.033	+0.0002	-0.0000	-0.0004
191	_____	17	M7	+0.213	+0.596	-0.059	+0.0000	-0.0000	+0.0003
191	_____	M+	A	+1.405	+1.236	+0.000	+0.0009	+0.0000	+0.0000
191	_____	M-	A	+0.000	-15.947	-0.257	+0.0000	-0.0000	-0.0059
192	_____	0	G	+0.703	-3.296	-0.096	+0.0008	-0.0001	+0.0012
192	_____	1	Q1	-0.254	-9.805	+0.008	+0.0003	-0.0000	+0.0031
192	_____	11	M1	-0.137	-4.419	+0.016	+0.0001	-0.0000	+0.0018
192	_____	12	M2	+0.411	+4.110	-0.026	+0.0001	-0.0000	-0.0011
192	_____	13	M3	-0.108	-4.386	-0.013	+0.0001	-0.0000	+0.0014
192	_____	14	M4	+0.023	+0.999	-0.008	-0.0000	+0.0000	-0.0005
192	_____	15	M5	-0.080	-1.900	-0.002	+0.0001	+0.0000	+0.0007
192	_____	16	M6	+0.278	-1.118	+0.011	+0.0003	-0.0001	+0.0006
192	_____	17	M7	+0.266	+0.877	-0.045	+0.0000	-0.0000	-0.0001
192	_____	M+	A	+1.114	+0.814	+0.000	+0.0014	+0.0000	+0.0056
192	_____	M-	A	+0.000	-16.194	-0.141	+0.0000	-0.0002	+0.0000
193	_____	0	G	+0.778	-3.643	-0.442	-0.0010	-0.0001	-0.0012
193	_____	1	Q1	+0.357	-9.978	-0.122	-0.0004	-0.0000	-0.0031
193	_____	11	M1	+0.176	-5.233	-0.038	-0.0002	-0.0000	-0.0015
193	_____	12	M2	+0.130	+4.011	-0.065	-0.0001	-0.0000	+0.0011

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
193	_____	13	M3	+0.173	-4.487	-0.066	-0.0002	-0.0000	-0.0015
193	_____	14	M4	-0.059	+1.349	-0.016	-0.0001	-0.0000	+0.0002
193	_____	15	M5	+0.046	-2.364	-0.086	-0.0004	-0.0001	-0.0009
193	_____	16	M6	+0.325	-0.924	-0.068	-0.0001	+0.0000	-0.0003
193	_____	17	M7	+0.207	+0.680	-0.058	+0.0000	-0.0000	+0.0003
193	_____	M+	A	+1.362	+0.368	+0.000	+0.0000	+0.0000	+0.0000
193	_____	M-	A	+0.000	-17.284	-0.624	-0.0017	-0.0002	-0.0053
194	_____	0	G	+0.672	-3.041	-0.355	-0.0007	+0.0000	+0.0016
194	_____	1	Q1	-0.264	-9.752	-0.096	-0.0003	+0.0000	+0.0033
194	_____	11	M1	-0.140	-4.439	-0.027	-0.0001	+0.0000	+0.0018
194	_____	12	M2	+0.407	+4.204	-0.058	-0.0001	+0.0000	-0.0010
194	_____	13	M3	-0.113	-4.379	-0.048	-0.0001	-0.0000	+0.0015
194	_____	14	M4	+0.021	+0.924	-0.007	-0.0000	-0.0000	-0.0004
194	_____	15	M5	-0.088	-2.101	-0.045	-0.0002	-0.0000	+0.0009
194	_____	16	M6	+0.274	-0.830	-0.080	-0.0002	+0.0000	+0.0006
194	_____	17	M7	+0.263	+0.992	-0.052	+0.0000	+0.0000	-0.0001
194	_____	M+	A	+1.079	+1.163	+0.000	+0.0000	+0.0001	+0.0062
194	_____	M-	A	+0.000	-15.901	-0.507	-0.0012	+0.0000	+0.0000
195	_____	0	G	+1.173	-2.074	-0.442	-0.0002	-0.0001	-0.0009
195	_____	1	Q1	+0.105	+5.869	-0.075	+0.0001	-0.0000	+0.0021
195	_____	11	M1	+0.038	+3.333	-0.012	+0.0000	-0.0000	+0.0011
195	_____	12	M2	+0.412	-4.033	-0.093	-0.0001	-0.0000	-0.0015
195	_____	13	M3	+0.112	+1.922	-0.043	+0.0001	-0.0000	+0.0009
195	_____	14	M4	+0.094	-1.973	-0.033	-0.0001	-0.0000	-0.0009
195	_____	15	M5	+0.235	-0.556	-0.025	+0.0001	-0.0000	-0.0002
195	_____	16	M6	+0.290	+0.465	-0.072	+0.0000	-0.0000	+0.0002
195	_____	17	M7	+0.221	-0.257	-0.089	-0.0000	-0.0000	-0.0001
195	_____	M+	A	+1.659	+6.128	+0.000	+0.0000	+0.0000	+0.0020
195	_____	M-	A	+0.000	-6.107	-0.588	-0.0003	-0.0001	-0.0023
196	_____	0	G	+1.115	-1.699	-0.329	+0.0000	-0.0001	+0.0012
196	_____	1	Q1	+0.502	+7.081	-0.052	+0.0001	-0.0000	-0.0010
196	_____	11	M1	+0.257	+3.858	-0.002	+0.0000	-0.0000	-0.0006
196	_____	12	M2	+0.157	-4.339	-0.072	-0.0000	-0.0000	+0.0012
196	_____	13	M3	+0.262	+2.832	-0.037	+0.0001	-0.0000	-0.0002
196	_____	14	M4	-0.038	-2.056	-0.013	-0.0001	-0.0000	+0.0007
196	_____	15	M5	+0.211	-0.357	-0.003	+0.0001	-0.0000	+0.0005
196	_____	16	M6	+0.328	+0.681	-0.066	+0.0000	-0.0000	-0.0000
196	_____	17	M7	+0.201	-0.376	-0.081	-0.0000	-0.0000	+0.0000
196	_____	M+	A	+1.847	+8.083	+0.000	+0.0002	+0.0000	+0.0023
196	_____	M-	A	+0.000	-6.038	-0.446	-0.0000	-0.0002	-0.0003
197	_____	0	G	+0.406	-2.486	-0.022	+0.0008	+0.0001	-0.0010
197	_____	1	Q1	-0.390	+6.713	+0.017	+0.0003	+0.0000	+0.0011
197	_____	11	M1	-0.197	+2.658	+0.012	+0.0001	+0.0000	+0.0002
197	_____	12	M2	+0.363	-4.803	-0.009	+0.0001	+0.0000	-0.0011
197	_____	13	M3	-0.159	+3.177	-0.003	+0.0001	+0.0000	+0.0006
197	_____	14	M4	+0.041	-0.587	-0.008	-0.0000	-0.0000	-0.0000
197	_____	15	M5	-0.091	+1.166	-0.008	+0.0000	+0.0000	+0.0001
197	_____	16	M6	+0.119	-1.679	+0.027	+0.0003	+0.0000	-0.0007
197	_____	17	M7	+0.258	-1.311	-0.018	+0.0001	-0.0000	-0.0004
197	_____	M+	A	+0.769	+6.452	+0.017	+0.0013	+0.0002	+0.0005
197	_____	M-	A	-0.122	-7.288	-0.041	+0.0000	+0.0000	-0.0020
198	_____	0	G	+0.340	-2.243	-0.004	+0.0008	-0.0000	+0.0012
198	_____	1	Q1	+0.002	+5.687	+0.000	+0.0002	+0.0000	-0.0020
198	_____	11	M1	-0.049	+1.826	-0.003	+0.0000	+0.0000	-0.0009
198	_____	12	M2	+0.095	-3.924	-0.002	+0.0001	-0.0000	+0.0017
198	_____	13	M3	+0.030	+2.807	+0.003	+0.0001	-0.0000	-0.0009
198	_____	14	M4	+0.009	-0.403	-0.003	-0.0000	-0.0000	+0.0002
198	_____	15	M5	-0.024	+0.803	-0.010	+0.0000	+0.0000	-0.0004
198	_____	16	M6	+0.029	-1.599	+0.004	+0.0002	+0.0000	+0.0006
198	_____	17	M7	+0.177	-1.239	+0.011	+0.0002	-0.0000	+0.0007
198	_____	M+	A	+0.519	+5.409	+0.008	+0.0012	+0.0000	+0.0028
198	_____	M-	A	+0.000	-6.167	-0.014	+0.0000	-0.0000	-0.0014
199	_____	0	G	+1.155	-2.510	-0.463	-0.0005	+0.0000	-0.0013
199	_____	1	Q1	+0.103	+5.639	-0.103	-0.0002	+0.0000	+0.0019
199	_____	11	M1	+0.039	+3.243	-0.020	-0.0001	+0.0000	+0.0010
199	_____	12	M2	+0.407	-4.032	-0.082	-0.0000	-0.0000	-0.0015
199	_____	13	M3	+0.110	+1.793	-0.062	-0.0001	+0.0000	+0.0009
199	_____	14	M4	+0.093	-1.928	-0.020	-0.0001	-0.0000	-0.0009
199	_____	15	M5	+0.237	-0.757	-0.054	-0.0002	+0.0000	-0.0003
199	_____	16	M6	+0.285	+0.390	-0.076	-0.0000	-0.0000	+0.0002
199	_____	17	M7	+0.215	-0.267	-0.086	+0.0000	-0.0000	-0.0001
199	_____	M+	A	+1.634	+5.399	+0.000	+0.0000	+0.0001	+0.0014
199	_____	M-	A	+0.000	-6.543	-0.626	-0.0008	+0.0000	-0.0028
200	_____	0	G	+1.080	-2.873	-0.501	-0.0008	+0.0001	+0.0009
200	_____	1	Q1	+0.493	+6.600	-0.128	-0.0003	+0.0000	-0.0011
200	_____	11	M1	+0.256	+3.644	-0.035	-0.0001	+0.0000	-0.0007
200	_____	12	M2	+0.151	-4.418	-0.078	-0.0000	+0.0000	+0.0011
200	_____	13	M3	+0.257	+2.596	-0.074	-0.0001	+0.0000	-0.0002
200	_____	14	M4	-0.037	-2.089	-0.020	-0.0001	+0.0000	+0.0007
200	_____	15	M5	+0.210	-0.817	-0.091	-0.0003	+0.0001	+0.0004
200	_____	16	M6	+0.319	+0.560	-0.070	-0.0000	-0.0000	-0.0000
200	_____	17	M7	+0.194	-0.387	-0.076	+0.0000	-0.0000	+0.0000
200	_____	M+	A	+1.797	+6.278	+0.000	+0.0000	+0.0002	+0.0021
200	_____	M-	A	+0.000	-7.291	-0.693	-0.0013	+0.0000	-0.0007
201	_____	0	G	+0.368	-1.823	-0.178	+0.0002	-0.0002	-0.0012
201	_____	1	Q1	-0.401	+7.063	-0.060	-0.0001	-0.0000	+0.0010
201	_____	11	M1	-0.201	+2.844	-0.022	-0.0001	-0.0000	+0.0002
201	_____	12	M2	+0.358	-4.756	-0.026	+0.0001	-0.0000	-0.0011
201	_____	13	M3	-0.164	+3.276	-0.022	+0.0000	-0.0000	+0.0005
201	_____	14	M4	+0.039	-0.579	-0.000	+0.0000	+0.0000	-0.0000
201	_____	15	M5	-0.100	+1.360	-0.022	-0.0000	-0.0000	+0.0001
201	_____	16	M6	+0.115	-1.442	-0.057	-0.0001	-0.0000	-0.0008
201	_____	17	M7	+0.255	-1.391	-0.014	+0.0002	-0.0000	-0.0005
201	_____	M+	A	+0.726	+7.534	+0.000	+0.0004	+0.0000	+0.0002
201	_____	M-	A	-0.174	-6.578	-0.278	-0.0000	-0.0002	-0.0023
202	_____	0	G	+0.317	-2.244	+0.022	+0.0008	-0.0001	+0.0008
202	_____	1	Q1	-0.001	+5.866	-0.029	-0.0000	-0.0000	-0.0021
202	_____	11	M1	-0.048	+1.967	-0.026	-0.0001	+0.0000	-0.0009
202	_____	12	M2	+0.090	-3.995	+0.015	+0.0002	-0.0000	+0.0016
202	_____	13	M3	+0.027	+2.819	+0.003	+0.0001	-0.0000	-0.0009
202	_____	14	M4	+0.008	-0.401	+0.002	+0.0000	-0.0000	+0.0002

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
202	_____	15	M5	-0.025	+0.941	-0.021	-0.0001	-0.0000	-0.0004
202	_____	16	M6	+0.026	-1.528	-0.017	+0.0000	-0.0000	+0.0006
202	_____	17	M7	+0.171	-1.430	+0.045	+0.0004	-0.0000	+0.0006
202	_____	M+	A	+0.488	+5.595	+0.067	+0.0012	+0.0000	+0.0024
202	_____	M-	A	+0.000	-6.239	-0.025	+0.0000	-0.0002	-0.0019
203	_____	0	G	+1.484	-1.093	-0.580	-0.0002	+0.0001	+0.0008
203	_____	1	Q1	+0.155	-4.687	-0.089	+0.0001	+0.0000	+0.0003
203	_____	11	M1	+0.084	-2.860	-0.009	+0.0000	+0.0000	+0.0003
203	_____	12	M2	+0.488	+2.242	-0.123	-0.0001	+0.0000	+0.0002
203	_____	13	M3	+0.083	-1.019	-0.055	+0.0000	-0.0000	-0.0001
203	_____	14	M4	+0.244	+0.101	-0.055	-0.0001	+0.0000	+0.0005
203	_____	15	M5	+0.230	+0.327	-0.046	-0.0000	+0.0000	+0.0000
203	_____	16	M6	+0.280	-0.244	-0.088	+0.0000	-0.0000	-0.0000
203	_____	17	M7	+0.224	+0.137	-0.107	-0.0000	-0.0000	+0.0000
203	_____	M+	A	+2.080	+1.150	+0.000	+0.0000	+0.0001	+0.0015
203	_____	M-	A	+0.000	-7.782	-0.766	-0.0004	+0.0000	+0.0000
204	_____	0	G	+0.028	-0.863	+0.112	+0.0006	+0.0000	-0.0009
204	_____	1	Q1	-0.048	-4.591	+0.018	+0.0001	-0.0000	-0.0003
204	_____	11	M1	-0.019	-0.999	-0.013	-0.0000	-0.0000	+0.0001
204	_____	12	M2	+0.043	+2.207	+0.017	+0.0001	+0.0000	-0.0002
204	_____	13	M3	-0.026	-2.513	+0.017	+0.0001	+0.0000	-0.0003
204	_____	14	M4	+0.004	+0.221	+0.001	+0.0000	+0.0000	-0.0000
204	_____	15	M5	-0.008	-0.438	-0.009	-0.0000	-0.0000	+0.0000
204	_____	16	M6	+0.018	+0.919	+0.002	+0.0000	-0.0000	-0.0001
204	_____	17	M7	+0.031	-0.296	+0.061	+0.0003	+0.0000	-0.0005
204	_____	M+	A	+0.071	+1.344	+0.185	+0.0010	+0.0000	+0.0000
204	_____	M-	A	-0.039	-7.214	+0.000	+0.0000	-0.0000	-0.0017
205	_____	0	G	+1.463	-0.624	-0.509	-0.0001	-0.0000	+0.0009
205	_____	1	Q1	+0.153	-4.568	-0.114	-0.0001	-0.0000	+0.0003
205	_____	11	M1	+0.085	-2.796	-0.025	-0.0001	-0.0000	+0.0003
205	_____	12	M2	+0.482	+2.321	-0.095	-0.0000	-0.0000	+0.0002
205	_____	13	M3	+0.082	-0.982	-0.062	+0.0000	-0.0000	-0.0001
205	_____	14	M4	+0.242	+0.183	-0.021	-0.0000	+0.0000	+0.0005
205	_____	15	M5	+0.232	+0.441	-0.036	+0.0000	-0.0000	+0.0000
205	_____	16	M6	+0.277	-0.212	-0.090	+0.0000	-0.0000	-0.0000
205	_____	17	M7	+0.218	+0.147	-0.106	-0.0000	-0.0000	+0.0000
205	_____	M+	A	+2.052	+1.696	+0.000	+0.0000	+0.0000	+0.0017
205	_____	M-	A	+0.000	-7.149	-0.697	-0.0003	-0.0001	+0.0000
206	_____	0	G	-0.005	-1.524	+0.218	+0.0007	+0.0002	-0.0008
206	_____	1	Q1	-0.050	-4.696	-0.009	-0.0000	+0.0000	-0.0003
206	_____	11	M1	-0.017	-0.995	-0.030	-0.0001	-0.0000	+0.0001
206	_____	12	M2	+0.035	+2.070	+0.063	+0.0002	+0.0000	-0.0002
206	_____	13	M3	-0.031	-2.599	+0.034	+0.0001	+0.0000	-0.0002
206	_____	14	M4	+0.003	+0.204	+0.005	+0.0000	+0.0000	-0.0000
206	_____	15	M5	-0.008	-0.473	-0.017	-0.0000	-0.0000	+0.0000
206	_____	16	M6	+0.014	+0.813	+0.025	+0.0001	+0.0000	-0.0001
206	_____	17	M7	+0.020	-0.467	+0.100	+0.0003	+0.0001	-0.0005
206	_____	M+	A	+0.030	+0.546	+0.318	+0.0011	+0.0003	+0.0000
206	_____	M-	A	-0.076	-8.040	+0.000	+0.0000	+0.0000	-0.0015
207	_____	0	G	+0.981	-2.149	-0.118	+0.0003	+0.0000	-0.0019
207	_____	1	Q1	+0.815	-8.333	+0.010	+0.0001	+0.0000	-0.0039
207	_____	11	M1	+0.395	-4.414	+0.021	+0.0001	+0.0000	-0.0019
207	_____	12	M2	-0.030	+3.617	-0.040	+0.0000	-0.0000	+0.0013
207	_____	13	M3	+0.388	-3.702	-0.011	+0.0000	+0.0000	-0.0018
207	_____	14	M4	-0.100	+1.398	-0.004	-0.0000	+0.0000	+0.0003
207	_____	15	M5	+0.162	-1.458	+0.032	+0.0000	+0.0000	-0.0011
207	_____	16	M6	+0.389	-0.859	-0.021	+0.0001	-0.0000	-0.0005
207	_____	17	M7	+0.178	+0.492	-0.060	+0.0000	-0.0000	+0.0003
207	_____	M+	A	+2.073	+1.469	+0.000	+0.0006	+0.0001	+0.0000
207	_____	M-	A	+0.000	-13.572	-0.177	+0.0000	-0.0000	-0.0070
208	_____	0	G	+0.569	-2.772	+0.052	+0.0006	-0.0002	+0.0015
208	_____	1	Q1	-0.690	-8.560	+0.066	+0.0002	-0.0001	+0.0037
208	_____	11	M1	-0.366	-3.746	+0.039	+0.0001	-0.0000	+0.0019
208	_____	12	M2	+0.578	+3.693	-0.005	+0.0001	-0.0000	-0.0013
208	_____	13	M3	-0.309	-3.812	+0.006	+0.0001	-0.0000	+0.0017
208	_____	14	M4	+0.081	+0.829	-0.012	-0.0000	+0.0000	-0.0005
208	_____	15	M5	-0.176	-1.617	+0.011	+0.0001	+0.0000	+0.0008
208	_____	16	M6	+0.218	-0.875	+0.072	+0.0002	-0.0001	+0.0007
208	_____	17	M7	+0.291	+0.829	-0.037	+0.0000	-0.0000	-0.0002
208	_____	M+	A	+1.148	+0.921	+0.171	+0.0010	+0.0000	+0.0066
208	_____	M-	A	-0.377	-14.000	+0.000	+0.0000	-0.0003	+0.0000
209	_____	0	G	+0.908	-3.131	-0.616	-0.0008	-0.0002	-0.0015
209	_____	1	Q1	+0.792	-8.735	-0.191	-0.0003	-0.0001	-0.0037
209	_____	11	M1	+0.388	-4.633	-0.071	-0.0002	-0.0000	-0.0019
209	_____	12	M2	-0.041	+3.575	-0.078	-0.0001	-0.0000	+0.0013
209	_____	13	M3	+0.376	-3.892	-0.098	-0.0001	-0.0000	-0.0018
209	_____	14	M4	-0.099	+1.273	-0.027	-0.0000	-0.0000	+0.0003
209	_____	15	M5	+0.152	-2.000	-0.158	-0.0003	-0.0001	-0.0011
209	_____	16	M6	+0.370	-0.789	-0.080	-0.0001	+0.0000	-0.0004
209	_____	17	M7	+0.168	+0.566	-0.056	+0.0000	+0.0000	+0.0003
209	_____	M+	A	+1.972	+0.444	+0.000	+0.0000	+0.0000	+0.0000
209	_____	M-	A	+0.000	-15.109	-0.917	-0.0013	-0.0003	-0.0065
210	_____	0	G	+0.493	-2.375	-0.449	-0.0005	+0.0000	+0.0019
210	_____	1	Q1	-0.718	-8.451	-0.136	-0.0002	+0.0000	+0.0039
210	_____	11	M1	-0.379	-3.739	-0.045	-0.0001	+0.0000	+0.0020
210	_____	12	M2	+0.571	+3.800	-0.068	-0.0000	+0.0000	-0.0013
210	_____	13	M3	-0.321	-3.782	-0.062	-0.0001	+0.0000	+0.0018
210	_____	14	M4	+0.076	+0.764	-0.007	-0.0000	-0.0000	-0.0004
210	_____	15	M5	-0.201	-1.767	-0.063	-0.0002	-0.0000	+0.0010
210	_____	16	M6	+0.209	-0.569	-0.113	-0.0001	+0.0001	+0.0007
210	_____	17	M7	+0.290	+0.941	-0.052	+0.0000	+0.0000	-0.0002
210	_____	M+	A	+1.064	+1.425	+0.000	+0.0000	+0.0001	+0.0072
210	_____	M-	A	-0.490	-13.474	-0.664	-0.0008	+0.0000	+0.0000
211	_____	0	G	+1.269	-1.693	-0.500	-0.0002	-0.0001	-0.0012
211	_____	1	Q1	-0.179	+5.068	-0.076	+0.0000	-0.0000	+0.0024
211	_____	11	M1	-0.115	+2.907	-0.015	-0.0000	-0.0000	+0.0013
211	_____	12	M2	+0.608	-3.439	-0.111	-0.0001	-0.0000	-0.0018
211	_____	13	M3	-0.004	+1.575	-0.036	+0.0001	-0.0000	+0.0010
211	_____	14	M4	+0.205	-1.602	-0.058	-0.0001	-0.0000	-0.0011
211	_____	15	M5	+0.259	-0.479	-0.024	+0.0000	-0.0000	-0.0002
211	_____	16	M6	+0.262	+0.381	-0.072	+0.0000	-0.0000	+0.0002

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
211	_____	17	M7	+0.236	-0.210	-0.091	-0.0000	-0.0000	-0.0001
211	_____	M+	A	+1.877	+5.409	+0.000	+0.0000	+0.0000	+0.0021
211	_____	M-	A	+0.000	-5.131	-0.664	-0.0003	-0.0001	-0.0029
212	_____	0	G	+0.996	-1.197	-0.286	-0.0001	-0.0002	+0.0014
212	_____	1	Q1	+0.716	+6.643	-0.034	+0.0000	-0.0000	-0.0016
212	_____	11	M1	+0.380	+3.594	+0.005	-0.0000	-0.0000	-0.0009
212	_____	12	M2	-0.018	-3.868	-0.071	-0.0000	-0.0000	+0.0015
212	_____	13	M3	+0.328	+2.732	-0.028	+0.0000	-0.0000	-0.0004
212	_____	14	M4	-0.135	-1.774	-0.013	-0.0001	-0.0000	+0.0008
212	_____	15	M5	+0.162	-0.137	+0.020	+0.0000	-0.0001	+0.0006
212	_____	16	M6	+0.344	+0.657	-0.064	+0.0000	-0.0000	-0.0001
212	_____	17	M7	+0.193	-0.363	-0.081	-0.0000	-0.0000	+0.0001
212	_____	M+	A	+1.978	+7.963	+0.000	+0.0000	+0.0000	+0.0029
212	_____	M-	A	+0.000	-5.065	-0.390	-0.0002	-0.0002	-0.0008
213	_____	0	G	+0.502	-2.065	+0.112	+0.0006	+0.0001	-0.0012
213	_____	1	Q1	-0.609	+6.255	+0.068	+0.0002	+0.0001	+0.0016
213	_____	11	M1	-0.263	+2.556	+0.032	+0.0001	+0.0000	+0.0004
213	_____	12	M2	+0.535	-4.342	+0.011	+0.0001	+0.0000	-0.0015
213	_____	13	M3	-0.265	+2.948	+0.013	+0.0001	+0.0000	+0.0008
213	_____	14	M4	+0.055	-0.566	-0.013	-0.0000	-0.0000	-0.0001
213	_____	15	M5	-0.120	+1.121	-0.002	+0.0000	+0.0000	+0.0002
213	_____	16	M6	+0.200	-1.385	+0.086	+0.0002	+0.0001	-0.0009
213	_____	17	M7	+0.319	-1.136	-0.007	+0.0001	-0.0000	-0.0005
213	_____	M+	A	+1.037	+6.253	+0.245	+0.0010	+0.0003	+0.0009
213	_____	M-	A	-0.292	-6.407	+0.000	+0.0000	+0.0000	-0.0027
214	_____	0	G	+0.211	-1.756	+0.117	+0.0009	-0.0000	+0.0014
214	_____	1	Q1	+0.273	+4.925	+0.019	+0.0002	+0.0000	-0.0023
214	_____	11	M1	+0.063	+1.494	-0.006	-0.0000	+0.0000	-0.0009
214	_____	12	M2	-0.120	-3.273	+0.022	+0.0002	-0.0000	+0.0019
214	_____	13	M3	+0.156	+2.463	+0.024	+0.0001	-0.0000	-0.0010
214	_____	14	M4	-0.015	-0.329	-0.002	+0.0000	-0.0000	+0.0002
214	_____	15	M5	+0.025	+0.658	-0.011	-0.0000	+0.0000	-0.0004
214	_____	16	M6	-0.054	-1.347	+0.025	+0.0002	+0.0000	+0.0007
214	_____	17	M7	+0.098	-0.959	+0.056	+0.0003	-0.0000	+0.0008
214	_____	M+	A	+0.593	+4.893	+0.186	+0.0013	+0.0000	+0.0033
214	_____	M-	A	+0.000	-5.030	+0.000	+0.0000	-0.0000	-0.0016
215	_____	0	G	+1.297	-1.989	-0.515	-0.0005	+0.0001	-0.0015
215	_____	1	Q1	-0.165	+4.888	-0.117	-0.0001	+0.0000	+0.0022
215	_____	11	M1	-0.106	+2.839	-0.026	-0.0001	+0.0000	+0.0012
215	_____	12	M2	+0.609	-3.423	-0.090	-0.0001	-0.0000	-0.0018
215	_____	13	M3	+0.001	+1.468	-0.067	-0.0001	+0.0000	+0.0009
215	_____	14	M4	+0.208	-1.545	-0.032	-0.0001	-0.0000	-0.0011
215	_____	15	M5	+0.277	-0.635	-0.069	-0.0002	+0.0000	-0.0004
215	_____	16	M6	+0.262	+0.320	-0.078	-0.0000	-0.0000	+0.0002
215	_____	17	M7	+0.231	-0.218	-0.087	+0.0000	-0.0000	-0.0001
215	_____	M+	A	+1.906	+4.887	+0.000	+0.0000	+0.0001	+0.0016
215	_____	M-	A	+0.000	-5.412	-0.695	-0.0007	+0.0000	-0.0033
216	_____	0	G	+0.986	-2.461	-0.647	-0.0006	+0.0002	+0.0012
216	_____	1	Q1	+0.716	+6.133	-0.187	-0.0002	+0.0001	-0.0016
216	_____	11	M1	+0.384	+3.364	-0.064	-0.0001	+0.0000	-0.0010
216	_____	12	M2	-0.022	-3.957	-0.086	-0.0000	+0.0000	+0.0015
216	_____	13	M3	+0.326	+2.483	-0.101	-0.0001	+0.0000	-0.0005
216	_____	14	M4	-0.129	-1.822	-0.033	-0.0001	+0.0000	+0.0008
216	_____	15	M5	+0.172	-0.633	-0.159	-0.0003	+0.0001	+0.0005
216	_____	16	M6	+0.334	+0.536	-0.072	-0.0000	+0.0000	-0.0001
216	_____	17	M7	+0.184	-0.372	-0.071	+0.0000	-0.0000	+0.0001
216	_____	M+	A	+1.970	+6.026	+0.000	+0.0000	+0.0003	+0.0027
216	_____	M-	A	+0.000	-6.418	-0.944	-0.0010	+0.0000	-0.0011
217	_____	0	G	+0.487	-1.320	-0.225	+0.0002	-0.0003	-0.0014
217	_____	1	Q1	-0.617	+6.619	-0.088	-0.0000	-0.0001	+0.0016
217	_____	11	M1	-0.269	+2.741	-0.036	-0.0001	-0.0000	+0.0004
217	_____	12	M2	+0.536	-4.276	-0.031	+0.0001	-0.0000	-0.0016
217	_____	13	M3	-0.268	+3.057	-0.027	+0.0000	-0.0000	+0.0008
217	_____	14	M4	+0.052	-0.558	+0.003	+0.0000	+0.0000	-0.0001
217	_____	15	M5	-0.132	+1.310	-0.027	-0.0000	-0.0000	+0.0002
217	_____	16	M6	+0.202	-1.124	-0.089	-0.0000	-0.0001	-0.0009
217	_____	17	M7	+0.323	-1.194	-0.007	+0.0002	-0.0001	-0.0006
217	_____	M+	A	+1.023	+7.439	+0.000	+0.0004	+0.0000	+0.0007
217	_____	M-	A	-0.319	-5.596	-0.375	+0.0000	-0.0004	-0.0030
218	_____	0	G	+0.228	-1.883	+0.190	+0.0008	-0.0002	+0.0011
218	_____	1	Q1	+0.282	+5.065	-0.024	-0.0000	-0.0000	-0.0024
218	_____	11	M1	+0.068	+1.622	-0.047	-0.0001	+0.0000	-0.0010
218	_____	12	M2	-0.119	-3.363	+0.056	+0.0002	-0.0000	+0.0018
218	_____	13	M3	+0.159	+2.458	+0.027	+0.0001	-0.0000	-0.0011
218	_____	14	M4	-0.015	-0.330	+0.006	+0.0000	-0.0000	+0.0002
218	_____	15	M5	+0.030	+0.776	-0.030	-0.0001	+0.0000	-0.0005
218	_____	16	M6	-0.047	-1.306	-0.005	+0.0000	-0.0000	+0.0007
218	_____	17	M7	+0.096	-1.163	+0.118	+0.0004	-0.0001	+0.0008
218	_____	M+	A	+0.622	+4.903	+0.309	+0.0012	+0.0000	+0.0029
218	_____	M-	A	+0.000	-5.246	+0.000	+0.0000	-0.0003	-0.0020
219	_____	0	G	+1.419	-0.792	-0.627	-0.0002	+0.0001	+0.0009
219	_____	1	Q1	+0.053	-4.470	-0.090	+0.0001	+0.0000	+0.0011
219	_____	11	M1	+0.018	-2.706	-0.011	+0.0000	+0.0000	+0.0007
219	_____	12	M2	+0.514	+2.249	-0.138	-0.0001	+0.0000	-0.0002
219	_____	13	M3	+0.072	-1.027	-0.049	+0.0000	-0.0000	+0.0001
219	_____	14	M4	+0.214	+0.261	-0.078	-0.0001	+0.0000	+0.0004
219	_____	15	M5	+0.233	+0.329	-0.049	-0.0000	+0.0000	-0.0000
219	_____	16	M6	+0.278	-0.246	-0.086	+0.0000	-0.0000	+0.0000
219	_____	17	M7	+0.225	+0.138	-0.106	-0.0000	-0.0000	-0.0000
219	_____	M+	A	+1.970	+1.456	+0.000	+0.0000	+0.0001	+0.0025
219	_____	M-	A	+0.000	-7.157	-0.828	-0.0004	+0.0000	+0.0000
220	_____	0	G	+0.100	-0.528	+0.191	+0.0007	+0.0000	-0.0010
220	_____	1	Q1	+0.052	-4.373	+0.023	+0.0001	-0.0000	-0.0011
220	_____	11	M1	-0.009	-1.008	-0.022	-0.0001	-0.0000	-0.0001
220	_____	12	M2	+0.020	+2.226	+0.033	+0.0001	+0.0000	+0.0002
220	_____	13	M3	+0.033	-2.367	+0.031	+0.0001	+0.0000	-0.0007
220	_____	14	M4	+0.002	+0.224	+0.003	+0.0000	+0.0000	+0.0000
220	_____	15	M5	-0.004	-0.442	-0.014	-0.0000	-0.0000	-0.0000
220	_____	16	M6	+0.008	+0.926	+0.006	+0.0000	+0.0000	+0.0001
220	_____	17	M7	+0.073	-0.113	+0.101	+0.0003	+0.0000	-0.0005
220	_____	M+	A	+0.210	+1.698	+0.308	+0.0011	+0.0000	+0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
220		M-	A	+0.000	-6.557	+0.000	+0.0000	-0.0000	-0.0025
221		0	G	+1.397	-0.305	-0.515	-0.0002	-0.0000	+0.0009
221		1	Q1	+0.053	-4.349	-0.114	-0.0001	-0.0000	+0.0011
221		11	M1	+0.019	-2.641	-0.026	-0.0001	-0.0000	+0.0007
221		12	M2	+0.507	+2.332	-0.098	-0.0000	+0.0000	-0.0002
221		13	M3	+0.072	-0.991	-0.059	+0.0000	-0.0000	+0.0001
221		14	M4	+0.210	+0.349	-0.029	-0.0001	+0.0000	+0.0004
221		15	M5	+0.236	+0.445	-0.034	+0.0000	-0.0000	-0.0000
221		16	M6	+0.274	-0.214	-0.088	+0.0000	-0.0000	+0.0000
221		17	M7	+0.219	+0.148	-0.105	-0.0000	-0.0000	-0.0000
221		M+	A	+1.941	+2.027	+0.000	+0.0000	+0.0000	+0.0025
221		M-	A	+0.000	-6.502	-0.702	-0.0003	-0.0001	+0.0000
222		0	G	+0.058	-1.231	+0.364	+0.0007	+0.0002	-0.0009
222		1	Q1	+0.051	-4.479	-0.003	-0.0000	+0.0000	-0.0011
222		11	M1	-0.005	-1.000	-0.046	-0.0001	-0.0000	-0.0001
222		12	M2	+0.010	+2.079	+0.098	+0.0002	+0.0000	+0.0002
222		13	M3	+0.028	-2.458	+0.055	+0.0001	+0.0000	-0.0006
222		14	M4	+0.001	+0.205	+0.008	+0.0000	+0.0000	+0.0000
222		15	M5	-0.002	-0.476	-0.025	-0.0000	-0.0000	-0.0000
222		16	M6	+0.004	+0.815	+0.040	+0.0001	+0.0000	+0.0001
222		17	M7	+0.057	-0.300	+0.162	+0.0003	+0.0001	-0.0005
222		M+	A	+0.151	+0.848	+0.526	+0.0010	+0.0003	+0.0000
222		M-	A	+0.000	-7.430	+0.000	+0.0000	+0.0000	-0.0024
223		0	G	+1.170	-1.482	-0.077	+0.0001	+0.0000	-0.0017
223		1	Q1	+1.344	-6.886	+0.028	+0.0000	+0.0000	-0.0041
223		11	M1	+0.663	-3.689	+0.029	+0.0000	+0.0000	-0.0021
223		12	M2	-0.230	+3.125	-0.038	+0.0000	-0.0000	+0.0015
223		13	M3	+0.632	-3.018	-0.004	+0.0000	+0.0000	-0.0019
223		14	M4	-0.159	+1.275	-0.003	-0.0000	+0.0000	+0.0004
223		15	M5	+0.288	-1.048	+0.051	-0.0000	+0.0001	-0.0011
223		16	M6	+0.449	-0.688	-0.016	+0.0001	-0.0000	-0.0005
223		17	M7	+0.141	+0.389	-0.060	+0.0000	-0.0000	+0.0003
223		M+	A	+2.978	+1.643	+0.000	+0.0002	+0.0001	+0.0000
223		M-	A	+0.000	-10.950	-0.137	+0.0000	-0.0000	-0.0073
224		0	G	+0.414	-2.211	+0.193	+0.0004	-0.0002	+0.0014
224		1	Q1	-1.206	-7.153	+0.121	+0.0002	-0.0001	+0.0040
224		11	M1	-0.617	-3.041	+0.060	+0.0001	-0.0000	+0.0019
224		12	M2	+0.786	+3.188	+0.016	+0.0001	-0.0000	-0.0016
224		13	M3	-0.544	-3.172	+0.024	+0.0001	-0.0000	+0.0018
224		14	M4	+0.141	+0.661	-0.016	-0.0000	+0.0000	-0.0005
224		15	M5	-0.283	-1.317	+0.021	+0.0001	+0.0000	+0.0008
224		16	M6	+0.154	-0.628	+0.133	+0.0001	-0.0001	+0.0006
224		17	M7	+0.328	+0.752	-0.029	+0.0000	-0.0000	-0.0003
224		M+	A	+1.200	+0.976	+0.411	+0.0007	+0.0000	+0.0068
224		M-	A	-1.224	-11.585	+0.000	+0.0000	-0.0004	-0.0001
225		0	G	+1.060	-2.580	-0.782	-0.0006	-0.0002	-0.0014
225		1	Q1	+1.308	-7.329	-0.257	-0.0002	-0.0001	-0.0040
225		11	M1	+0.651	-3.923	-0.103	-0.0001	-0.0000	-0.0021
225		12	M2	-0.246	+3.068	-0.089	-0.0000	-0.0000	+0.0015
225		13	M3	+0.614	-3.227	-0.130	-0.0001	-0.0000	-0.0019
225		14	M4	-0.158	+1.150	-0.038	-0.0000	-0.0000	+0.0004
225		15	M5	+0.271	-1.613	-0.230	-0.0002	-0.0001	-0.0010
225		16	M6	+0.421	-0.646	-0.088	-0.0001	+0.0000	-0.0004
225		17	M7	+0.127	+0.453	-0.054	+0.0000	+0.0000	+0.0003
225		M+	A	+2.824	+0.488	+0.000	+0.0000	+0.0000	+0.0001
225		M-	A	+0.000	-12.655	-1.199	-0.0009	-0.0004	-0.0069
226		0	G	+0.300	-1.694	-0.518	-0.0003	+0.0000	+0.0017
226		1	Q1	-1.251	-6.995	-0.166	-0.0001	+0.0000	+0.0041
226		11	M1	-0.639	-3.007	-0.057	-0.0001	+0.0000	+0.0020
226		12	M2	+0.776	+3.304	-0.076	-0.0000	+0.0000	-0.0015
226		13	M3	-0.562	-3.123	-0.071	-0.0000	+0.0000	+0.0019
226		14	M4	+0.132	+0.605	-0.007	-0.0000	-0.0000	-0.0004
226		15	M5	-0.325	-1.420	-0.073	-0.0001	-0.0000	+0.0009
226		16	M6	+0.141	-0.310	-0.141	-0.0000	+0.0001	+0.0006
226		17	M7	+0.331	+0.858	-0.051	+0.0000	+0.0000	-0.0003
226		M+	A	+1.076	+1.610	+0.000	+0.0000	+0.0001	+0.0073
226		M-	A	-1.398	-10.875	-0.782	-0.0004	+0.0000	+0.0000
227		0	G	+1.389	-1.261	-0.567	-0.0002	-0.0001	-0.0011
227		1	Q1	-0.503	+4.193	-0.081	+0.0000	-0.0000	+0.0025
227		11	M1	-0.294	+2.430	-0.021	-0.0000	-0.0000	+0.0014
227		12	M2	+0.838	-2.780	-0.130	-0.0001	-0.0000	-0.0018
227		13	M3	-0.124	+1.231	-0.031	+0.0000	-0.0000	+0.0009
227		14	M4	+0.331	-1.204	-0.084	-0.0001	-0.0000	-0.0011
227		15	M5	+0.289	-0.391	-0.027	+0.0000	-0.0000	-0.0002
227		16	M6	+0.233	+0.298	-0.072	+0.0000	-0.0000	+0.0002
227		17	M7	+0.252	-0.165	-0.094	-0.0000	-0.0000	-0.0001
227		M+	A	+2.227	+4.633	+0.000	+0.0000	+0.0000	+0.0023
227		M-	A	+0.000	-4.041	-0.753	-0.0003	-0.0002	-0.0030
228		0	G	+0.867	-0.686	-0.248	-0.0003	-0.0002	+0.0012
228		1	Q1	+1.022	+5.987	-0.020	-0.0001	-0.0001	-0.0023
228		11	M1	+0.551	+3.218	+0.010	-0.0000	-0.0000	-0.0013
228		12	M2	-0.239	-3.299	-0.069	-0.0000	-0.0000	+0.0017
228		13	M3	+0.437	+2.525	-0.022	-0.0000	-0.0000	-0.0008
228		14	M4	-0.249	-1.459	-0.010	-0.0001	-0.0000	+0.0009
228		15	M5	+0.114	+0.074	+0.039	-0.0001	-0.0001	+0.0005
228		16	M6	+0.370	+0.609	-0.064	-0.0000	-0.0000	-0.0002
228		17	M7	+0.179	-0.337	-0.080	+0.0000	-0.0000	+0.0001
228		M+	A	+2.275	+7.553	+0.000	+0.0000	+0.0000	+0.0030
228		M-	A	+0.000	-3.985	-0.342	-0.0004	-0.0003	-0.0019
229		0	G	+0.614	-1.617	+0.239	+0.0004	+0.0002	-0.0011
229		1	Q1	-0.917	+5.587	+0.118	+0.0001	+0.0001	+0.0023
229		11	M1	-0.371	+2.353	+0.051	+0.0000	+0.0000	+0.0008
229		12	M2	+0.766	-3.747	+0.030	+0.0001	+0.0000	-0.0018
229		13	M3	-0.410	+2.627	+0.028	+0.0001	+0.0000	+0.0011
229		14	M4	+0.079	-0.522	-0.018	-0.0000	-0.0000	-0.0002
229		15	M5	-0.167	+1.031	+0.004	+0.0000	+0.0000	+0.0003
229		16	M6	+0.291	-1.073	+0.145	+0.0001	+0.0001	-0.0008
229		17	M7	+0.389	-0.942	+0.001	+0.0001	-0.0000	-0.0006
229		M+	A	+1.380	+5.809	+0.466	+0.0006	+0.0003	+0.0019
229		M-	A	-0.590	-5.364	+0.000	+0.0000	+0.0000	-0.0029

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
230	_____	0	G	+0.061	-1.233	+0.246	+0.0009	-0.0000	+0.0014
230	_____	1	Q1	+0.584	+4.086	+0.033	+0.0001	+0.0000	-0.0024
230	_____	11	M1	+0.177	+1.164	-0.015	-0.0000	+0.0000	-0.0009
230	_____	12	M2	-0.356	-2.593	+0.050	+0.0002	-0.0000	+0.0019
230	_____	13	M3	+0.304	+2.075	+0.046	+0.0001	-0.0000	-0.0011
230	_____	14	M4	-0.041	-0.256	-0.000	+0.0000	-0.0000	+0.0002
230	_____	15	M5	+0.075	+0.513	-0.015	-0.0000	+0.0000	-0.0004
230	_____	16	M6	-0.147	-1.076	+0.041	+0.0002	+0.0000	+0.0007
230	_____	17	M7	+0.009	-0.662	+0.109	+0.0003	-0.0000	+0.0008
230	_____	M+	A	+0.858	+4.306	+0.378	+0.0013	+0.0000	+0.0032
230	_____	M-	A	-0.295	-3.826	+0.000	+0.0000	-0.0000	-0.0018
231	_____	0	G	+1.461	-1.428	-0.558	-0.0005	+0.0001	-0.0015
231	_____	1	Q1	-0.473	+4.058	-0.125	-0.0001	+0.0000	+0.0024
231	_____	11	M1	-0.279	+2.384	-0.029	-0.0001	+0.0000	+0.0013
231	_____	12	M2	+0.842	-2.751	-0.099	-0.0001	-0.0000	-0.0019
231	_____	13	M3	-0.111	+1.144	-0.068	-0.0000	+0.0000	+0.0009
231	_____	14	M4	+0.337	-1.138	-0.046	-0.0001	-0.0000	-0.0011
231	_____	15	M5	+0.321	-0.505	-0.076	-0.0001	+0.0000	-0.0004
231	_____	16	M6	+0.237	+0.249	-0.080	-0.0000	-0.0000	+0.0002
231	_____	17	M7	+0.248	-0.170	-0.089	+0.0000	-0.0000	-0.0001
231	_____	M+	A	+2.303	+4.299	+0.000	+0.0000	+0.0001	+0.0018
231	_____	M-	A	+0.000	-4.179	-0.752	-0.0007	+0.0000	-0.0033
232	_____	0	G	+0.875	-2.018	-0.794	-0.0004	+0.0002	+0.0011
232	_____	1	Q1	+1.027	+5.455	-0.246	-0.0002	+0.0001	-0.0023
232	_____	11	M1	+0.558	+2.975	-0.093	-0.0001	+0.0000	-0.0013
232	_____	12	M2	-0.241	-3.394	-0.095	-0.0000	+0.0000	+0.0017
232	_____	13	M3	+0.437	+2.268	-0.129	-0.0001	+0.0000	-0.0008
232	_____	14	M4	-0.239	-1.519	-0.047	-0.0000	+0.0000	+0.0009
232	_____	15	M5	+0.132	-0.451	-0.228	-0.0002	+0.0001	+0.0004
232	_____	16	M6	+0.357	+0.492	-0.074	-0.0000	+0.0000	-0.0002
232	_____	17	M7	+0.168	-0.342	-0.065	+0.0000	-0.0000	+0.0001
232	_____	M+	A	+2.293	+5.520	+0.000	+0.0000	+0.0004	+0.0028
232	_____	M-	A	+0.000	-5.412	-1.200	-0.0007	+0.0000	-0.0021
233	_____	0	G	+0.614	-0.812	-0.285	+0.0003	-0.0003	-0.0012
233	_____	1	Q1	-0.926	+5.957	-0.112	+0.0000	-0.0001	+0.0023
233	_____	11	M1	-0.379	+2.534	-0.045	-0.0000	-0.0000	+0.0008
233	_____	12	M2	+0.772	-3.666	-0.039	+0.0001	-0.0001	-0.0019
233	_____	13	M3	-0.412	+2.742	-0.033	+0.0000	-0.0000	+0.0011
233	_____	14	M4	+0.074	-0.517	+0.005	+0.0000	+0.0000	-0.0002
233	_____	15	M5	-0.185	+1.211	-0.031	-0.0000	-0.0000	+0.0004
233	_____	16	M6	+0.300	-0.793	-0.118	+0.0000	-0.0001	-0.0008
233	_____	17	M7	+0.402	-0.977	-0.008	+0.0001	-0.0001	-0.0006
233	_____	M+	A	+1.386	+7.065	+0.000	+0.0005	+0.0000	+0.0018
233	_____	M-	A	-0.600	-4.477	-0.482	+0.0000	-0.0004	-0.0031
234	_____	0	G	+0.116	-1.473	+0.377	+0.0008	-0.0002	+0.0011
234	_____	1	Q1	+0.606	+4.190	-0.014	-0.0000	-0.0000	-0.0025
234	_____	11	M1	+0.188	+1.278	-0.066	-0.0001	+0.0000	-0.0009
234	_____	12	M2	-0.350	-2.699	+0.099	+0.0002	-0.0000	+0.0018
234	_____	13	M3	+0.312	+2.054	+0.053	+0.0001	-0.0000	-0.0012
234	_____	14	M4	-0.040	-0.260	+0.010	+0.0000	-0.0000	+0.0002
234	_____	15	M5	+0.088	+0.611	-0.039	-0.0001	+0.0000	-0.0004
234	_____	16	M6	-0.132	-1.060	+0.013	+0.0000	-0.0000	+0.0007
234	_____	17	M7	+0.009	-0.875	+0.197	+0.0004	-0.0001	+0.0008
234	_____	M+	A	+0.940	+4.155	+0.574	+0.0011	+0.0000	+0.0029
234	_____	M-	A	-0.234	-4.171	+0.000	+0.0000	-0.0003	-0.0022
235	_____	0	G	+1.342	-0.503	-0.681	-0.0002	+0.0001	+0.0008
235	_____	1	Q1	-0.161	-4.020	-0.092	+0.0000	+0.0000	+0.0018
235	_____	11	M1	-0.116	-2.416	-0.016	+0.0000	+0.0000	+0.0011
235	_____	12	M2	+0.600	+2.116	-0.153	-0.0001	+0.0000	-0.0007
235	_____	13	M3	+0.034	-0.972	-0.043	+0.0000	-0.0000	+0.0003
235	_____	14	M4	+0.194	+0.374	-0.103	-0.0001	+0.0000	+0.0002
235	_____	15	M5	+0.246	+0.310	-0.053	-0.0000	+0.0000	-0.0001
235	_____	16	M6	+0.269	-0.233	-0.083	+0.0000	-0.0000	+0.0001
235	_____	17	M7	+0.230	+0.131	-0.106	-0.0000	-0.0000	-0.0000
235	_____	M+	A	+1.942	+1.613	+0.000	+0.0000	+0.0001	+0.0033
235	_____	M-	A	+0.000	-6.214	-0.899	-0.0003	+0.0000	+0.0000
236	_____	0	G	+0.181	-0.216	+0.296	+0.0008	+0.0000	-0.0008
236	_____	1	Q1	+0.263	-3.927	+0.028	+0.0001	-0.0000	-0.0017
236	_____	11	M1	+0.027	-0.956	-0.035	-0.0001	-0.0000	-0.0003
236	_____	12	M2	-0.060	+2.108	+0.057	+0.0001	+0.0000	+0.0006
236	_____	13	M3	+0.153	-2.101	+0.049	+0.0001	+0.0000	-0.0010
236	_____	14	M4	-0.006	+0.212	+0.005	+0.0000	+0.0000	+0.0001
236	_____	15	M5	+0.012	-0.419	-0.021	-0.0000	-0.0000	-0.0001
236	_____	16	M6	-0.025	+0.877	+0.014	+0.0001	+0.0000	+0.0003
236	_____	17	M7	+0.115	+0.045	+0.152	+0.0003	+0.0000	-0.0004
236	_____	M+	A	+0.552	+1.892	+0.468	+0.0011	+0.0001	+0.0000
236	_____	M-	A	+0.000	-5.614	+0.000	+0.0000	-0.0000	-0.0032
237	_____	0	G	+1.328	-0.020	-0.529	-0.0002	-0.0000	+0.0007
237	_____	1	Q1	-0.157	-3.904	-0.112	-0.0001	-0.0000	+0.0017
237	_____	11	M1	-0.113	-2.353	-0.026	-0.0001	-0.0000	+0.0011
237	_____	12	M2	+0.593	+2.201	-0.104	-0.0000	+0.0000	-0.0007
237	_____	13	M3	+0.036	-0.940	-0.054	+0.0000	-0.0000	+0.0003
237	_____	14	M4	+0.189	+0.466	-0.042	-0.0001	+0.0000	+0.0002
237	_____	15	M5	+0.252	+0.422	-0.032	+0.0000	-0.0000	-0.0001
237	_____	16	M6	+0.267	-0.202	-0.085	+0.0000	-0.0000	+0.0001
237	_____	17	M7	+0.225	+0.140	-0.104	-0.0000	-0.0000	-0.0000
237	_____	M+	A	+1.921	+2.181	+0.000	+0.0000	+0.0000	+0.0032
237	_____	M-	A	+0.000	-5.571	-0.714	-0.0003	-0.0001	-0.0000
238	_____	0	G	+0.139	-0.935	+0.534	+0.0007	+0.0002	-0.0008
238	_____	1	Q1	+0.265	-4.029	+0.005	-0.0000	+0.0000	-0.0018
238	_____	11	M1	+0.034	-0.943	-0.063	-0.0001	-0.0000	-0.0003
238	_____	12	M2	-0.072	+1.955	+0.139	+0.0002	+0.0000	+0.0006
238	_____	13	M3	+0.148	-2.194	+0.080	+0.0001	+0.0000	-0.0010
238	_____	14	M4	-0.007	+0.194	+0.011	+0.0000	+0.0000	+0.0001
238	_____	15	M5	+0.016	-0.449	-0.034	-0.0000	-0.0000	-0.0001
238	_____	16	M6	-0.029	+0.766	+0.058	+0.0001	+0.0000	+0.0003
238	_____	17	M7	+0.095	-0.154	+0.235	+0.0003	+0.0001	-0.0003
238	_____	M+	A	+0.508	+1.020	+0.772	+0.0010	+0.0004	+0.0000
238	_____	M-	A	+0.000	-6.500	+0.000	+0.0000	+0.0000	-0.0033
239	_____	0	G	+1.343	-0.939	-0.069	-0.0001	+0.0000	-0.0012
239	_____	1	Q1	+1.985	-5.403	+0.033	-0.0001	+0.0000	-0.0041

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
239	_____	11	M1	+0.999	-2.918	+0.030	-0.0000	+0.0000	-0.0022
239	_____	12	M2	-0.497	+2.560	-0.038	+0.0000	-0.0000	+0.0017
239	_____	13	M3	+0.921	-2.334	-0.002	-0.0000	+0.0000	-0.0018
239	_____	14	M4	-0.256	+1.091	-0.004	-0.0000	+0.0000	+0.0006
239	_____	15	M5	+0.410	-0.701	+0.059	-0.0001	+0.0001	-0.0008
239	_____	16	M6	+0.517	-0.526	-0.015	+0.0001	-0.0000	-0.0004
239	_____	17	M7	+0.101	+0.293	-0.061	+0.0000	-0.0000	+0.0002
239	_____	M+	A	+4.027	+1.621	+0.013	+0.0000	+0.0001	+0.0005
239	_____	M-	A	+0.000	-8.384	-0.130	-0.0003	-0.0000	-0.0068
240	_____	0	G	+0.266	-1.741	+0.319	+0.0002	-0.0002	+0.0010
240	_____	1	Q1	-1.836	-5.699	+0.170	+0.0001	-0.0001	+0.0040
240	_____	11	M1	-0.902	-2.362	+0.079	+0.0000	-0.0000	+0.0018
240	_____	12	M2	+1.069	+2.594	+0.035	+0.0000	-0.0000	-0.0018
240	_____	13	M3	-0.829	-2.515	+0.040	+0.0000	-0.0000	+0.0018
240	_____	14	M4	+0.206	+0.506	-0.020	-0.0000	+0.0000	-0.0004
240	_____	15	M5	-0.405	-1.026	+0.028	+0.0000	+0.0000	+0.0008
240	_____	16	M6	+0.105	-0.448	+0.189	+0.0001	-0.0001	+0.0003
240	_____	17	M7	+0.388	+0.637	-0.021	+0.0000	-0.0000	-0.0004
240	_____	M+	A	+1.335	+0.853	+0.627	+0.0003	+0.0000	+0.0063
240	_____	M-	A	-2.201	-9.201	+0.000	+0.0000	-0.0004	-0.0008
241	_____	0	G	+1.205	-2.117	-0.936	-0.0003	-0.0002	-0.0010
241	_____	1	Q1	+1.940	-5.873	-0.318	-0.0001	-0.0001	-0.0040
241	_____	11	M1	+0.985	-3.161	-0.133	-0.0001	-0.0000	-0.0021
241	_____	12	M2	-0.516	+2.493	-0.099	-0.0000	-0.0000	+0.0017
241	_____	13	M3	+0.899	-2.555	-0.159	-0.0001	-0.0000	-0.0018
241	_____	14	M4	-0.253	+0.969	-0.050	-0.0000	-0.0000	+0.0006
241	_____	15	M5	+0.391	-1.278	-0.298	-0.0001	-0.0001	-0.0008
241	_____	16	M6	+0.479	-0.508	-0.093	-0.0000	+0.0000	-0.0004
241	_____	17	M7	+0.084	+0.349	-0.052	+0.0000	+0.0000	+0.0003
241	_____	M+	A	+3.834	+0.376	+0.000	+0.0000	+0.0000	+0.0007
241	_____	M-	A	+0.000	-10.203	-1.463	-0.0005	-0.0004	-0.0065
242	_____	0	G	+0.122	-1.139	-0.556	+0.0000	+0.0000	+0.0012
242	_____	1	Q1	-1.896	-5.502	-0.183	-0.0000	+0.0000	+0.0041
242	_____	11	M1	-0.933	-2.307	-0.065	-0.0000	+0.0000	+0.0018
242	_____	12	M2	+1.058	+2.714	-0.080	+0.0000	+0.0000	-0.0018
242	_____	13	M3	-0.853	-2.451	-0.076	-0.0000	-0.0000	+0.0018
242	_____	14	M4	+0.194	+0.459	-0.007	-0.0000	-0.0000	-0.0004
242	_____	15	M5	-0.463	-1.089	-0.078	-0.0001	-0.0000	+0.0009
242	_____	16	M6	+0.091	-0.123	-0.160	+0.0001	+0.0001	+0.0003
242	_____	17	M7	+0.396	+0.733	-0.050	+0.0000	+0.0000	-0.0004
242	_____	M+	A	+1.181	+1.576	+0.000	+0.0001	+0.0001	+0.0066
242	_____	M-	A	-2.426	-8.357	-0.852	-0.0001	+0.0000	-0.0006
243	_____	0	G	+1.513	-0.877	-0.641	-0.0002	-0.0001	-0.0009
243	_____	1	Q1	-0.890	+3.302	-0.088	+0.0000	-0.0000	+0.0025
243	_____	11	M1	-0.514	+1.931	-0.027	-0.0000	-0.0000	+0.0014
243	_____	12	M2	+1.103	-2.134	-0.149	-0.0001	-0.0000	-0.0017
243	_____	13	M3	-0.250	+0.921	-0.026	+0.0000	-0.0000	+0.0008
243	_____	14	M4	+0.460	-0.851	-0.111	-0.0001	-0.0000	-0.0008
243	_____	15	M5	+0.325	-0.303	-0.032	+0.0000	-0.0000	-0.0002
243	_____	16	M6	+0.202	+0.223	-0.072	+0.0000	-0.0000	+0.0002
243	_____	17	M7	+0.269	-0.123	-0.096	-0.0000	-0.0000	-0.0001
243	_____	M+	A	+2.616	+3.777	+0.000	+0.0000	+0.0000	+0.0026
243	_____	M-	A	+0.000	-3.011	-0.852	-0.0003	-0.0002	-0.0026
244	_____	0	G	+0.768	-0.304	-0.229	-0.0004	-0.0002	+0.0007
244	_____	1	Q1	+1.493	+5.068	-0.015	-0.0001	-0.0001	-0.0030
244	_____	11	M1	+0.807	+2.709	+0.010	-0.0001	-0.0000	-0.0016
244	_____	12	M2	-0.527	-2.662	-0.067	-0.0000	-0.0000	+0.0019
244	_____	13	M3	+0.624	+2.180	-0.020	-0.0001	-0.0000	-0.0012
244	_____	14	M4	-0.386	-1.137	-0.008	-0.0001	-0.0000	+0.0009
244	_____	15	M5	+0.091	+0.205	+0.047	-0.0001	-0.0001	+0.0002
244	_____	16	M6	+0.415	+0.527	-0.064	-0.0000	-0.0000	-0.0003
244	_____	17	M7	+0.154	-0.292	-0.079	+0.0000	-0.0000	+0.0002
244	_____	M+	A	+2.826	+6.661	+0.000	+0.0000	+0.0000	+0.0026
244	_____	M-	A	+0.000	-2.966	-0.318	-0.0006	-0.0003	-0.0035
245	_____	0	G	+0.708	-1.265	+0.353	+0.0002	+0.0002	-0.0007
245	_____	1	Q1	-1.387	+4.665	+0.163	+0.0000	+0.0001	+0.0030
245	_____	11	M1	-0.554	+2.016	+0.069	+0.0000	+0.0000	+0.0012
245	_____	12	M2	+1.078	-3.059	+0.047	+0.0000	+0.0000	-0.0020
245	_____	13	M3	-0.626	+2.198	+0.042	+0.0000	+0.0000	+0.0014
245	_____	14	M4	+0.119	-0.449	-0.023	-0.0000	-0.0000	-0.0003
245	_____	15	M5	-0.248	+0.883	+0.010	-0.0000	+0.0000	+0.0005
245	_____	16	M6	+0.376	-0.814	+0.198	+0.0001	+0.0001	-0.0006
245	_____	17	M7	+0.474	-0.744	+0.007	+0.0001	-0.0000	-0.0005
245	_____	M+	A	+1.785	+4.939	+0.665	+0.0003	+0.0004	+0.0033
245	_____	M-	A	-1.118	-4.324	+0.000	+0.0000	+0.0000	-0.0027
246	_____	0	G	-0.086	-0.782	+0.399	+0.0010	-0.0000	+0.0010
246	_____	1	Q1	+0.959	+3.226	+0.045	+0.0001	+0.0000	-0.0024
246	_____	11	M1	+0.298	+0.866	-0.028	-0.0000	+0.0000	-0.0008
246	_____	12	M2	-0.616	-1.953	+0.084	+0.0002	-0.0000	+0.0017
246	_____	13	M3	+0.488	+1.663	+0.071	+0.0001	-0.0000	-0.0012
246	_____	14	M4	-0.067	-0.191	+0.003	+0.0000	-0.0000	+0.0002
246	_____	15	M5	+0.129	+0.382	-0.020	-0.0000	+0.0000	-0.0003
246	_____	16	M6	-0.253	-0.815	+0.056	+0.0002	+0.0000	+0.0007
246	_____	17	M7	-0.078	-0.409	+0.176	+0.0003	-0.0000	+0.0006
246	_____	M+	A	+1.214	+3.607	+0.606	+0.0014	+0.0001	+0.0027
246	_____	M-	A	-0.702	-2.735	+0.000	+0.0000	-0.0000	-0.0022
247	_____	0	G	+1.626	-0.939	-0.603	-0.0004	+0.0001	-0.0011
247	_____	1	Q1	-0.844	+3.206	-0.129	-0.0001	+0.0000	+0.0024
247	_____	11	M1	-0.492	+1.902	-0.031	-0.0001	+0.0000	+0.0014
247	_____	12	M2	+1.111	-2.095	-0.111	-0.0001	-0.0000	-0.0017
247	_____	13	M3	-0.230	+0.851	-0.066	-0.0000	+0.0000	+0.0007
247	_____	14	M4	+0.469	-0.778	-0.065	-0.0001	-0.0000	-0.0009
247	_____	15	M5	+0.371	-0.382	-0.078	-0.0001	+0.0000	-0.0003
247	_____	16	M6	+0.212	+0.186	-0.080	-0.0000	-0.0000	+0.0002
247	_____	17	M7	+0.265	-0.126	-0.091	+0.0000	-0.0000	-0.0001
247	_____	M+	A	+2.737	+3.599	+0.000	+0.0000	+0.0002	+0.0022
247	_____	M-	A	+0.000	-3.033	-0.809	-0.0006	+0.0000	-0.0029
248	_____	0	G	+0.781	-1.666	-0.936	-0.0002	+0.0003	+0.0007
248	_____	1	Q1	+1.499	+4.527	-0.303	-0.0001	+0.0001	-0.0030
248	_____	11	M1	+0.817	+2.459	-0.121	-0.0000	+0.0001	-0.0017
248	_____	12	M2	-0.529	-2.760	-0.104	-0.0000	+0.0000	+0.0019

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
248	_____	13	M3	+0.624	+1.920	-0.155	-0.0000	+0.0000	-0.0012
248	_____	14	M4	-0.372	-1.208	-0.059	-0.0000	+0.0000	+0.0009
248	_____	15	M5	+0.115	-0.339	-0.294	-0.0001	+0.0001	+0.0001
248	_____	16	M6	+0.397	+0.418	-0.076	+0.0000	+0.0000	-0.0003
248	_____	17	M7	+0.141	-0.293	-0.060	+0.0000	-0.0000	+0.0002
248	_____	M+	A	+2.852	+4.582	+0.000	+0.0000	+0.0005	+0.0026
248	_____	M-	A	+0.000	-4.427	-1.444	-0.0004	+0.0000	-0.0035
249	_____	0	G	+0.710	-0.434	-0.336	+0.0005	-0.0003	-0.0007
249	_____	1	Q1	-1.400	+5.031	-0.130	+0.0001	-0.0001	+0.0031
249	_____	11	M1	-0.567	+2.189	-0.051	+0.0000	-0.0000	+0.0012
249	_____	12	M2	+1.087	-2.967	-0.047	+0.0001	-0.0001	-0.0020
249	_____	13	M3	-0.629	+2.315	-0.038	+0.0001	-0.0000	+0.0014
249	_____	14	M4	+0.112	-0.447	+0.006	-0.0000	+0.0000	-0.0002
249	_____	15	M5	-0.275	+1.046	-0.033	+0.0000	-0.0000	+0.0006
249	_____	16	M6	+0.390	-0.521	-0.140	+0.0001	-0.0001	-0.0006
249	_____	17	M7	+0.494	-0.761	-0.014	+0.0001	-0.0001	-0.0006
249	_____	M+	A	+1.798	+6.217	+0.000	+0.0006	+0.0000	+0.0033
249	_____	M-	A	-1.130	-3.401	-0.567	+0.0000	-0.0005	-0.0027
250	_____	0	G	+0.002	-1.111	+0.586	+0.0007	-0.0003	+0.0008
250	_____	1	Q1	+0.994	+3.299	-0.001	+0.0000	-0.0000	-0.0025
250	_____	11	M1	+0.314	+0.967	-0.085	-0.0001	+0.0000	-0.0008
250	_____	12	M2	-0.606	-2.070	+0.147	+0.0002	-0.0001	+0.0016
250	_____	13	M3	+0.500	+1.629	+0.082	+0.0001	-0.0000	-0.0012
250	_____	14	M4	-0.065	-0.197	+0.014	+0.0000	-0.0000	+0.0002
250	_____	15	M5	+0.148	+0.462	-0.047	-0.0000	+0.0000	-0.0004
250	_____	16	M6	-0.229	-0.821	+0.035	+0.0000	-0.0000	+0.0006
250	_____	17	M7	-0.077	-0.627	+0.283	+0.0004	-0.0001	+0.0006
250	_____	M+	A	+1.346	+3.328	+0.868	+0.0011	+0.0000	+0.0025
250	_____	M-	A	-0.604	-3.182	+0.000	+0.0000	-0.0004	-0.0025
251	_____	0	G	+1.286	-0.292	-0.738	-0.0002	+0.0001	+0.0004
251	_____	1	Q1	-0.509	-3.360	-0.096	+0.0000	+0.0000	+0.0024
251	_____	11	M1	-0.327	-2.009	-0.021	+0.0000	+0.0000	+0.0014
251	_____	12	M2	+0.772	+1.829	-0.169	-0.0001	+0.0000	-0.0012
251	_____	13	M3	-0.045	-0.844	-0.037	+0.0000	-0.0000	+0.0005
251	_____	14	M4	+0.210	+0.402	-0.128	-0.0001	+0.0000	-0.0001
251	_____	15	M5	+0.271	+0.269	-0.056	-0.0000	+0.0000	-0.0002
251	_____	16	M6	+0.250	-0.202	-0.081	+0.0000	-0.0000	+0.0001
251	_____	17	M7	+0.241	+0.114	-0.105	-0.0000	-0.0000	-0.0001
251	_____	M+	A	+2.059	+1.537	+0.000	+0.0000	+0.0001	+0.0038
251	_____	M-	A	+0.000	-5.059	-0.974	-0.0003	+0.0000	-0.0007
252	_____	0	G	+0.232	-0.003	+0.430	+0.0008	+0.0000	-0.0004
252	_____	1	Q1	+0.604	-3.279	+0.033	+0.0001	-0.0000	-0.0023
252	_____	11	M1	+0.102	-0.834	-0.051	-0.0001	-0.0000	-0.0005
252	_____	12	M2	-0.225	+1.837	+0.089	+0.0002	+0.0000	+0.0011
252	_____	13	M3	+0.339	-1.737	+0.071	+0.0001	+0.0000	-0.0013
252	_____	14	M4	-0.023	+0.185	+0.008	+0.0000	+0.0000	+0.0001
252	_____	15	M5	+0.045	-0.365	-0.029	-0.0000	-0.0000	-0.0002
252	_____	16	M6	-0.094	+0.764	+0.025	+0.0001	+0.0000	+0.0005
252	_____	17	M7	+0.134	+0.138	+0.216	+0.0004	+0.0000	-0.0001
252	_____	M+	A	+1.074	+1.834	+0.668	+0.0012	+0.0001	+0.0007
252	_____	M-	A	+0.000	-4.498	+0.000	+0.0000	+0.0000	-0.0036
253	_____	0	G	+1.295	+0.158	-0.555	-0.0002	-0.0000	+0.0003
253	_____	1	Q1	-0.496	-3.259	-0.110	-0.0000	-0.0000	+0.0023
253	_____	11	M1	-0.320	-1.952	-0.026	-0.0000	-0.0000	+0.0014
253	_____	12	M2	+0.767	+1.912	-0.113	-0.0001	+0.0000	-0.0012
253	_____	13	M3	-0.037	-0.820	-0.048	+0.0000	-0.0000	+0.0005
253	_____	14	M4	+0.205	+0.495	-0.060	-0.0001	+0.0000	-0.0001
253	_____	15	M5	+0.285	+0.367	-0.031	-0.0000	+0.0000	-0.0002
253	_____	16	M6	+0.251	-0.176	-0.083	+0.0000	-0.0000	+0.0001
253	_____	17	M7	+0.236	+0.122	-0.103	-0.0000	-0.0000	-0.0001
253	_____	M+	A	+2.062	+2.070	+0.000	+0.0000	+0.0000	+0.0036
253	_____	M-	A	+0.000	-4.467	-0.745	-0.0004	-0.0001	-0.0009
254	_____	0	G	+0.204	-0.707	+0.717	+0.0007	+0.0002	-0.0005
254	_____	1	Q1	+0.614	-3.369	+0.016	+0.0000	+0.0000	-0.0024
254	_____	11	M1	+0.113	-0.813	-0.082	-0.0001	-0.0000	-0.0005
254	_____	12	M2	-0.237	+1.682	+0.181	+0.0002	+0.0000	+0.0011
254	_____	13	M3	+0.336	-1.828	+0.106	+0.0001	+0.0000	-0.0013
254	_____	14	M4	-0.023	+0.167	+0.015	+0.0000	+0.0000	+0.0001
254	_____	15	M5	+0.054	-0.387	-0.044	-0.0000	-0.0000	-0.0003
254	_____	16	M6	-0.093	+0.659	+0.076	+0.0001	+0.0000	+0.0004
254	_____	17	M7	+0.112	-0.068	+0.314	+0.0003	+0.0001	-0.0001
254	_____	M+	A	+1.053	+0.975	+1.042	+0.0010	+0.0004	+0.0006
254	_____	M-	A	-0.033	-5.356	+0.000	+0.0000	+0.0000	-0.0038
255	_____	0	G	+1.418	-0.280	-0.822	-0.0002	-0.0001	-0.0002
255	_____	1	Q1	-1.460	+0.031	-0.104	-0.0000	-0.0000	+0.0019
255	_____	11	M1	-0.881	+0.000	-0.039	-0.0000	-0.0000	+0.0011
255	_____	12	M2	+1.370	-0.107	-0.196	-0.0000	-0.0000	-0.0011
255	_____	13	M3	-0.307	+0.046	-0.020	+0.0000	-0.0000	+0.0005
255	_____	14	M4	+0.442	-0.129	-0.171	-0.0001	-0.0000	-0.0004
255	_____	15	M5	+0.357	-0.015	-0.055	-0.0000	-0.0000	-0.0002
255	_____	16	M6	+0.187	+0.011	-0.073	+0.0000	-0.0000	+0.0001
255	_____	17	M7	+0.276	-0.006	-0.102	-0.0000	-0.0000	-0.0001
255	_____	M+	A	+2.789	+0.000	+0.000	+0.0000	+0.0000	+0.0024
255	_____	M-	A	-0.658	-0.409	-1.090	-0.0003	-0.0001	-0.0013
256	_____	0	G	+1.101	-0.406	-0.013	-0.0003	-0.0001	-0.0002
256	_____	1	Q1	+2.783	-0.165	+0.059	-0.0001	-0.0000	-0.0032
256	_____	11	M1	+1.483	-0.076	+0.043	-0.0001	-0.0000	-0.0017
256	_____	12	M2	-1.013	-0.026	-0.043	-0.0000	-0.0000	+0.0016
256	_____	13	M3	+1.229	-0.078	+0.010	-0.0001	-0.0000	-0.0014
256	_____	14	M4	-0.538	-0.030	+0.008	-0.0000	+0.0000	+0.0007
256	_____	15	M5	+0.331	-0.182	+0.118	-0.0002	-0.0000	-0.0003
256	_____	16	M6	+0.559	-0.018	-0.043	-0.0000	-0.0000	-0.0003
256	_____	17	M7	+0.076	+0.008	-0.073	+0.0000	-0.0000	+0.0002
256	_____	M+	A	+4.922	+0.000	+0.146	+0.0000	+0.0000	+0.0014
256	_____	M-	A	+0.000	-0.703	-0.087	-0.0006	-0.0001	-0.0047
257	_____	0	G	+0.450	-1.256	+0.581	+0.0002	-0.0000	+0.0002
257	_____	1	Q1	-2.649	-0.505	+0.264	+0.0001	+0.0000	+0.0032
257	_____	11	M1	-1.134	-0.208	+0.113	+0.0000	+0.0000	+0.0014
257	_____	12	M2	+1.661	-0.180	+0.078	+0.0000	-0.0000	-0.0017
257	_____	13	M3	-1.178	-0.159	+0.069	+0.0000	+0.0000	+0.0015
257	_____	14	M4	+0.245	+0.042	-0.031	-0.0000	+0.0000	-0.0003

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
257	_____	15	M5	-0.503	-0.091	+0.030	+0.0000	+0.0000	+0.0006
257	_____	16	M6	+0.277	-0.555	+0.310	+0.0001	-0.0000	-0.0001
257	_____	17	M7	+0.564	-0.062	+0.004	+0.0000	-0.0000	-0.0004
257	_____	M+	A	+2.111	+0.000	+1.076	+0.0004	+0.0000	+0.0044
257	_____	M-	A	-3.023	-2.165	+0.000	+0.0000	-0.0000	-0.0016
258	_____	0	G	+0.055	-0.104	+0.460	+0.0011	+0.0001	+0.0003
258	_____	1	Q1	+1.531	+0.030	+0.040	+0.0001	+0.0000	-0.0018
258	_____	11	M1	+0.357	+0.023	-0.046	-0.0001	+0.0000	-0.0005
258	_____	12	M2	-0.794	-0.049	+0.093	+0.0003	+0.0000	+0.0011
258	_____	13	M3	+0.815	+0.008	+0.087	+0.0002	+0.0000	-0.0009
258	_____	14	M4	-0.079	-0.005	+0.007	+0.0000	-0.0000	+0.0001
258	_____	15	M5	+0.156	+0.010	-0.028	-0.0001	+0.0000	-0.0002
258	_____	16	M6	-0.331	-0.020	+0.037	+0.0001	+0.0000	+0.0005
258	_____	17	M7	-0.008	-0.044	+0.229	+0.0005	+0.0000	+0.0002
258	_____	M+	A	+2.156	+0.000	+0.718	+0.0016	+0.0001	+0.0014
258	_____	M-	A	-0.739	-0.153	+0.000	+0.0000	+0.0000	-0.0022
259	_____	0	G	+1.516	-0.105	-0.552	-0.0004	+0.0001	-0.0004
259	_____	1	Q1	-1.417	+0.029	-0.110	-0.0000	+0.0000	+0.0018
259	_____	11	M1	-0.860	+0.012	-0.020	-0.0000	+0.0000	+0.0011
259	_____	12	M2	+1.375	-0.049	-0.106	-0.0001	+0.0000	-0.0011
259	_____	13	M3	-0.288	+0.022	-0.055	+0.0000	+0.0000	+0.0005
259	_____	14	M4	+0.445	-0.050	-0.062	-0.0002	+0.0000	-0.0004
259	_____	15	M5	+0.399	-0.010	-0.045	-0.0000	+0.0000	-0.0002
259	_____	16	M6	+0.197	+0.005	-0.082	+0.0000	+0.0000	+0.0001
259	_____	17	M7	+0.273	-0.003	-0.098	-0.0000	-0.0000	-0.0001
259	_____	M+	A	+2.891	+0.000	+0.000	+0.0000	+0.0001	+0.0021
259	_____	M-	A	-0.503	-0.156	-0.736	-0.0005	+0.0000	-0.0015
260	_____	0	G	+1.026	-1.639	-1.214	-0.0004	+0.0000	-0.0002
260	_____	1	Q1	+2.759	-0.658	-0.420	-0.0002	+0.0000	-0.0032
260	_____	11	M1	+1.480	-0.316	-0.180	-0.0001	+0.0000	-0.0017
260	_____	12	M2	-1.026	-0.104	-0.119	-0.0000	-0.0000	+0.0016
260	_____	13	M3	+1.215	-0.313	-0.210	-0.0001	+0.0000	-0.0014
260	_____	14	M4	-0.526	-0.123	-0.077	-0.0000	-0.0000	+0.0007
260	_____	15	M5	+0.337	-0.731	-0.426	-0.0002	+0.0000	-0.0003
260	_____	16	M6	+0.522	-0.059	-0.087	-0.0000	+0.0000	-0.0003
260	_____	17	M7	+0.057	+0.037	-0.049	+0.0000	+0.0000	+0.0002
260	_____	M+	A	+4.822	+0.000	+0.000	+0.0000	+0.0000	+0.0015
260	_____	M-	A	+0.000	-2.831	-1.934	-0.0007	-0.0000	-0.0046
261	_____	0	G	+0.364	-0.576	-0.630	+0.0002	-0.0001	+0.0002
261	_____	1	Q1	-2.697	-0.235	-0.220	+0.0001	-0.0000	+0.0033
261	_____	11	M1	-1.165	-0.099	-0.079	+0.0000	-0.0000	+0.0014
261	_____	12	M2	+1.662	-0.078	-0.093	+0.0000	-0.0000	-0.0017
261	_____	13	M3	-1.195	-0.074	-0.077	+0.0000	-0.0000	+0.0015
261	_____	14	M4	+0.232	+0.018	+0.006	-0.0000	-0.0000	-0.0003
261	_____	15	M5	-0.562	-0.049	-0.059	+0.0000	-0.0000	+0.0007
261	_____	16	M6	+0.279	-0.253	-0.231	+0.0001	-0.0000	-0.0001
261	_____	17	M7	+0.586	-0.025	-0.049	+0.0000	+0.0000	-0.0005
261	_____	M+	A	+2.027	+0.000	+0.000	+0.0003	+0.0000	+0.0045
261	_____	M-	A	-3.169	-0.993	-1.015	+0.0000	-0.0001	-0.0015
262	_____	0	G	+0.117	-0.593	+0.989	+0.0007	-0.0001	+0.0002
262	_____	1	Q1	+1.565	+0.025	+0.028	+0.0001	-0.0000	-0.0019
262	_____	11	M1	+0.376	+0.083	-0.117	-0.0001	-0.0000	-0.0005
262	_____	12	M2	-0.791	-0.179	+0.245	+0.0002	-0.0000	+0.0011
262	_____	13	M3	+0.824	-0.051	+0.136	+0.0001	-0.0000	-0.0009
262	_____	14	M4	-0.077	-0.017	+0.021	+0.0000	+0.0000	+0.0001
262	_____	15	M5	+0.179	+0.040	-0.061	-0.0000	-0.0000	-0.0003
262	_____	16	M6	-0.312	-0.071	+0.094	+0.0001	-0.0000	+0.0004
262	_____	17	M7	-0.019	-0.247	+0.433	+0.0003	-0.0000	+0.0002
262	_____	M+	A	+2.259	+0.000	+1.442	+0.0011	+0.0000	+0.0013
262	_____	M-	A	-0.674	-0.840	+0.000	+0.0000	-0.0001	-0.0023
263	_____	0	G	+1.439	-0.604	-0.109	-0.0004	+0.0000	-0.0005
263	_____	1	Q1	+2.705	-3.966	+0.019	-0.0002	+0.0000	-0.0038
263	_____	11	M1	+1.388	-2.149	+0.023	-0.0001	+0.0000	-0.0021
263	_____	12	M2	-0.838	+1.932	-0.043	-0.0000	-0.0000	+0.0018
263	_____	13	M3	+1.234	-1.694	-0.010	-0.0001	+0.0000	-0.0017
263	_____	14	M4	-0.399	+0.844	-0.007	-0.0000	+0.0000	+0.0008
263	_____	15	M5	+0.498	-0.464	+0.047	-0.0002	+0.0001	-0.0004
263	_____	16	M6	+0.586	-0.381	-0.020	+0.0000	-0.0000	-0.0004
263	_____	17	M7	+0.061	+0.211	-0.061	+0.0000	-0.0000	+0.0002
263	_____	M+	A	+5.115	+1.328	+0.000	+0.0000	+0.0001	+0.0013
263	_____	M-	A	+0.000	-6.075	-0.171	-0.0007	-0.0000	-0.0058
264	_____	0	G	+0.180	-1.442	+0.411	-0.0000	-0.0002	+0.0005
264	_____	1	Q1	-2.549	-4.281	+0.204	-0.0000	-0.0001	+0.0038
264	_____	11	M1	-1.200	-1.747	+0.092	-0.0000	-0.0000	+0.0016
264	_____	12	M2	+1.436	+1.922	+0.050	-0.0000	-0.0000	-0.0020
264	_____	13	M3	-1.150	-1.876	+0.052	+0.0000	-0.0000	+0.0017
264	_____	14	M4	+0.270	+0.371	-0.023	+0.0000	+0.0000	-0.0003
264	_____	15	M5	-0.533	-0.761	+0.030	+0.0000	+0.0000	+0.0007
264	_____	16	M6	+0.102	-0.375	+0.231	-0.0000	-0.0001	-0.0000
264	_____	17	M7	+0.478	+0.483	-0.013	+0.0000	-0.0000	-0.0005
264	_____	M+	A	+1.616	+0.481	+0.785	+0.0000	+0.0000	+0.0055
264	_____	M-	A	-3.210	-7.036	+0.000	-0.0001	-0.0004	-0.0015
265	_____	0	G	+1.291	-1.822	-1.057	-0.0001	-0.0002	-0.0005
265	_____	1	Q1	+2.655	-4.451	-0.365	-0.0000	-0.0001	-0.0038
265	_____	11	M1	+1.374	-2.395	-0.156	-0.0000	-0.0000	-0.0021
265	_____	12	M2	-0.859	+1.858	-0.107	-0.0000	-0.0000	+0.0018
265	_____	13	M3	+1.210	-1.923	-0.183	-0.0000	-0.0000	-0.0017
265	_____	14	M4	-0.393	+0.727	-0.060	-0.0000	-0.0000	+0.0008
265	_____	15	M5	+0.481	-1.040	-0.352	-0.0000	-0.0001	-0.0005
265	_____	16	M6	+0.540	-0.381	-0.094	-0.0000	+0.0000	-0.0003
265	_____	17	M7	+0.040	+0.259	-0.050	+0.0000	+0.0000	+0.0002
265	_____	M+	A	+4.908	+0.037	+0.000	+0.0000	+0.0000	+0.0014
265	_____	M-	A	+0.000	-7.949	-1.668	-0.0001	-0.0004	-0.0058
266	_____	0	G	+0.022	-0.795	-0.546	+0.0003	+0.0000	+0.0005
266	_____	1	Q1	-2.620	-4.058	-0.182	+0.0001	+0.0000	+0.0039
266	_____	11	M1	-1.239	-1.675	-0.065	+0.0000	+0.0000	+0.0016
266	_____	12	M2	+1.427	+2.041	-0.078	+0.0001	+0.0000	-0.0020
266	_____	13	M3	-1.177	-1.803	-0.074	+0.0000	-0.0000	+0.0017
266	_____	14	M4	+0.255	+0.331	-0.006	-0.0000	-0.0000	-0.0003
266	_____	15	M5	-0.606	-0.792	-0.077	-0.0000	-0.0000	+0.0008
266	_____	16	M6	+0.090	-0.052	-0.161	+0.0002	+0.0001	-0.0000

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
266	_____	17	M7	+0.493	+0.566	-0.046	+0.0000	+0.0000	-0.0005
266	_____	M+	A	+1.449	+1.247	+0.000	+0.0005	+0.0001	+0.0056
266	_____	M-	A	-3.465	-6.114	-0.841	+0.0000	-0.0000	-0.0015
267	_____	0	G	+1.600	-0.608	-0.718	-0.0001	-0.0001	-0.0005
267	_____	1	Q1	-1.327	+2.438	-0.096	+0.0000	-0.0000	+0.0023
267	_____	11	M1	-0.770	+1.431	-0.033	-0.0000	-0.0000	+0.0014
267	_____	12	M2	+1.379	-1.552	-0.168	-0.0001	-0.0000	-0.0015
267	_____	13	M3	-0.370	+0.662	-0.022	+0.0000	-0.0000	+0.0006
267	_____	14	M4	+0.567	-0.586	-0.139	-0.0001	-0.0000	-0.0006
267	_____	15	M5	+0.363	-0.222	-0.039	+0.0000	-0.0000	-0.0002
267	_____	16	M6	+0.173	+0.160	-0.071	+0.0000	-0.0000	+0.0002
267	_____	17	M7	+0.285	-0.089	-0.098	-0.0000	-0.0000	-0.0001
267	_____	M+	A	+2.979	+2.832	+0.000	+0.0000	+0.0000	+0.0028
267	_____	M-	A	-0.266	-2.160	-0.952	-0.0002	-0.0002	-0.0020
268	_____	0	G	+0.757	-0.132	-0.245	-0.0006	-0.0002	+0.0001
268	_____	1	Q1	+2.173	+3.886	-0.025	-0.0002	-0.0001	-0.0037
268	_____	11	M1	+1.171	+2.072	+0.004	-0.0001	-0.0000	-0.0020
268	_____	12	M2	-0.880	-1.988	-0.066	-0.0001	-0.0000	+0.0019
268	_____	13	M3	+0.913	+1.692	-0.027	-0.0001	-0.0000	-0.0016
268	_____	14	M4	-0.538	-0.831	-0.008	-0.0001	-0.0000	+0.0008
268	_____	15	M5	+0.125	+0.213	+0.037	-0.0002	-0.0001	-0.0002
268	_____	16	M6	+0.485	+0.410	-0.065	-0.0000	-0.0000	-0.0004
268	_____	17	M7	+0.116	-0.228	-0.077	+0.0000	-0.0000	+0.0002
268	_____	M+	A	+3.750	+5.204	+0.000	+0.0000	+0.0000	+0.0020
268	_____	M-	A	-0.123	-2.121	-0.340	-0.0010	-0.0003	-0.0050
269	_____	0	G	+0.730	-1.088	+0.433	-0.0000	+0.0002	-0.0001
269	_____	1	Q1	-2.060	+3.492	+0.196	-0.0000	+0.0001	+0.0037
269	_____	11	M1	-0.838	+1.538	+0.083	-0.0000	+0.0000	+0.0016
269	_____	12	M2	+1.467	-2.319	+0.059	+0.0000	+0.0000	-0.0021
269	_____	13	M3	-0.932	+1.662	+0.051	-0.0000	+0.0000	+0.0017
269	_____	14	M4	+0.181	-0.344	-0.027	-0.0000	-0.0000	-0.0003
269	_____	15	M5	-0.372	+0.673	+0.013	-0.0000	+0.0000	+0.0007
269	_____	16	M6	+0.427	-0.653	+0.237	-0.0000	+0.0001	-0.0003
269	_____	17	M7	+0.567	-0.556	+0.011	+0.0000	-0.0000	-0.0005
269	_____	M+	A	+2.197	+3.568	+0.807	+0.0000	+0.0003	+0.0047
269	_____	M-	A	-1.982	-3.407	+0.000	-0.0001	+0.0000	-0.0023
270	_____	0	G	-0.186	-0.476	+0.580	+0.0010	+0.0000	+0.0006
270	_____	1	Q1	+1.385	+2.385	+0.054	+0.0001	+0.0000	-0.0023
270	_____	11	M1	+0.415	+0.616	-0.048	-0.0001	+0.0000	-0.0006
270	_____	12	M2	-0.876	-1.399	+0.126	+0.0002	-0.0000	+0.0014
270	_____	13	M3	+0.706	+1.242	+0.100	+0.0001	-0.0000	-0.0012
270	_____	14	M4	-0.093	-0.136	+0.007	+0.0000	-0.0000	+0.0001
270	_____	15	M5	+0.180	+0.272	-0.029	-0.0000	+0.0000	-0.0003
270	_____	16	M6	-0.360	-0.586	+0.071	+0.0001	+0.0000	+0.0006
270	_____	17	M7	-0.138	-0.240	+0.258	+0.0004	-0.0000	+0.0003
270	_____	M+	A	+1.693	+2.779	+0.875	+0.0014	+0.0001	+0.0019
270	_____	M-	A	-1.062	-1.874	+0.000	+0.0000	-0.0000	-0.0026
271	_____	0	G	+1.746	-0.593	-0.652	-0.0004	+0.0001	-0.0007
271	_____	1	Q1	-1.268	+2.371	-0.130	-0.0001	+0.0000	+0.0023
271	_____	11	M1	-0.742	+1.415	-0.033	-0.0000	+0.0000	+0.0014
271	_____	12	M2	+1.391	-1.505	-0.126	-0.0001	+0.0000	-0.0015
271	_____	13	M3	-0.344	+0.606	-0.060	-0.0000	+0.0000	+0.0006
271	_____	14	M4	+0.577	-0.509	-0.089	-0.0001	+0.0000	-0.0006
271	_____	15	M5	+0.421	-0.275	-0.078	-0.0001	+0.0001	-0.0003
271	_____	16	M6	+0.186	+0.132	-0.080	+0.0000	+0.0000	+0.0001
271	_____	17	M7	+0.282	-0.090	-0.093	-0.0000	-0.0000	-0.0001
271	_____	M+	A	+3.137	+2.769	+0.000	+0.0000	+0.0002	+0.0026
271	_____	M-	A	-0.041	-2.098	-0.870	-0.0006	+0.0000	-0.0022
272	_____	0	G	+0.756	-1.486	-1.049	-0.0000	+0.0003	+0.0002
272	_____	1	Q1	+2.174	+3.349	-0.348	+0.0000	+0.0001	-0.0037
272	_____	11	M1	+1.179	+1.821	-0.144	-0.0000	+0.0001	-0.0020
272	_____	12	M2	-0.885	-2.085	-0.111	-0.0000	+0.0000	+0.0019
272	_____	13	M3	+0.911	+1.435	-0.177	-0.0000	+0.0000	-0.0016
272	_____	14	M4	-0.521	-0.909	-0.070	-0.0000	+0.0000	+0.0008
272	_____	15	M5	+0.151	-0.338	-0.347	+0.0000	+0.0001	-0.0002
272	_____	16	M6	+0.458	+0.315	-0.077	+0.0000	+0.0000	-0.0003
272	_____	17	M7	+0.099	-0.222	-0.056	+0.0000	-0.0000	+0.0002
272	_____	M+	A	+3.756	+3.137	+0.000	+0.0000	+0.0004	+0.0021
272	_____	M-	A	-0.129	-3.571	-1.640	-0.0000	+0.0000	-0.0049
273	_____	0	G	+0.716	-0.271	-0.359	+0.0006	-0.0003	-0.0000
273	_____	1	Q1	-2.085	+3.842	-0.133	+0.0002	-0.0001	+0.0037
273	_____	11	M1	-0.859	+1.698	-0.050	+0.0000	-0.0000	+0.0016
273	_____	12	M2	+1.478	-2.221	-0.051	+0.0001	-0.0001	-0.0021
273	_____	13	M3	-0.939	+1.773	-0.040	+0.0001	-0.0000	+0.0017
273	_____	14	M4	+0.172	-0.348	+0.006	-0.0000	+0.0000	-0.0003
273	_____	15	M5	-0.415	+0.811	-0.033	+0.0000	-0.0000	+0.0008
273	_____	16	M6	+0.442	-0.353	-0.146	+0.0002	-0.0001	-0.0003
273	_____	17	M7	+0.594	-0.557	-0.020	+0.0001	-0.0001	-0.0005
273	_____	M+	A	+2.194	+4.812	+0.000	+0.0009	+0.0000	+0.0049
273	_____	M-	A	-2.026	-2.492	-0.597	+0.0000	-0.0005	-0.0022
274	_____	0	G	-0.075	-0.864	+0.804	+0.0007	-0.0002	+0.0004
274	_____	1	Q1	+1.431	+2.433	+0.016	+0.0000	-0.0000	-0.0024
274	_____	11	M1	+0.436	+0.706	-0.104	-0.0001	+0.0000	-0.0006
274	_____	12	M2	-0.864	-1.523	+0.196	+0.0002	-0.0000	+0.0014
274	_____	13	M3	+0.722	+1.199	+0.114	+0.0001	-0.0000	-0.0012
274	_____	14	M4	-0.090	-0.144	+0.019	+0.0000	-0.0000	+0.0001
274	_____	15	M5	+0.207	+0.337	-0.056	-0.0000	+0.0000	-0.0003
274	_____	16	M6	-0.330	-0.607	+0.059	+0.0000	-0.0000	+0.0005
274	_____	17	M7	-0.138	-0.458	+0.372	+0.0003	-0.0001	+0.0003
274	_____	M+	A	+1.862	+2.409	+1.187	+0.0010	+0.0000	+0.0018
274	_____	M-	A	-0.938	-2.386	+0.000	+0.0000	-0.0003	-0.0027
275	_____	0	G	+1.282	-0.193	-0.792	-0.0002	+0.0001	+0.0001
275	_____	1	Q1	-0.996	-2.533	-0.102	+0.0000	+0.0000	+0.0028
275	_____	11	M1	-0.615	-1.512	-0.028	+0.0000	+0.0000	+0.0017
275	_____	12	M2	+1.046	+1.397	-0.183	-0.0001	+0.0000	-0.0016
275	_____	13	M3	-0.170	-0.647	-0.031	+0.0000	-0.0000	+0.0007
275	_____	14	M4	+0.280	+0.332	-0.153	-0.0001	+0.0000	-0.0004
275	_____	15	M5	+0.311	+0.206	-0.059	-0.0000	+0.0000	-0.0002
275	_____	16	M6	+0.220	-0.155	-0.078	+0.0000	-0.0000	+0.0002
275	_____	17	M7	+0.258	+0.087	-0.105	-0.0000	-0.0000	-0.0001
275	_____	M+	A	+2.328	+1.204	+0.000	+0.0000	+0.0001	+0.0040

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
275		M-	A	-0.145	-3.784	-1.046	-0.0002	+0.0000	-0.0015
276		0	G	+0.220	+0.078	+0.595	+0.0009	+0.0000	+0.0000
276		1	Q1	+1.079	-2.470	+0.039	+0.0001	-0.0000	-0.0027
276		11	M1	+0.223	-0.645	-0.069	-0.0001	-0.0000	-0.0007
276		12	M2	-0.491	+1.420	+0.129	+0.0002	+0.0000	+0.0015
276		13	M3	+0.590	-1.301	+0.097	+0.0001	+0.0000	-0.0014
276		14	M4	-0.050	+0.143	+0.011	+0.0000	+0.0000	+0.0002
276		15	M5	+0.098	-0.283	-0.039	-0.0000	-0.0000	-0.0003
276		16	M6	-0.204	+0.591	+0.041	+0.0001	+0.0000	+0.0006
276		17	M7	+0.113	+0.150	+0.291	+0.0004	+0.0000	+0.0001
276		M+	A	+1.713	+1.498	+0.913	+0.0013	+0.0001	+0.0016
276		M-	A	-0.271	-3.302	+0.000	+0.0000	+0.0000	-0.0037
277		0	G	+1.330	+0.198	-0.597	-0.0003	-0.0000	-0.0002
277		1	Q1	-0.968	-2.455	-0.108	-0.0000	-0.0000	+0.0027
277		11	M1	-0.602	-1.464	-0.027	-0.0000	-0.0000	+0.0016
277		12	M2	+1.044	+1.475	-0.126	-0.0001	+0.0000	-0.0016
277		13	M3	-0.156	-0.634	-0.042	+0.0000	-0.0000	+0.0007
277		14	M4	+0.278	+0.422	-0.084	-0.0001	+0.0000	-0.0004
277		15	M5	+0.339	+0.284	-0.033	-0.0000	+0.0000	-0.0003
277		16	M6	+0.225	-0.136	-0.080	+0.0000	-0.0000	+0.0001
277		17	M7	+0.254	+0.095	-0.103	-0.0000	-0.0000	-0.0001
277		M+	A	+2.374	+1.673	+0.000	+0.0000	+0.0000	+0.0037
277		M-	A	-0.059	-3.282	-0.799	-0.0004	-0.0000	-0.0018
278		0	G	+0.223	-0.583	+0.904	+0.0006	+0.0002	-0.0001
278		1	Q1	+1.101	-2.542	+0.029	+0.0000	+0.0000	-0.0028
278		11	M1	+0.240	-0.614	-0.100	-0.0001	-0.0000	-0.0007
278		12	M2	-0.499	+1.270	+0.223	+0.0002	+0.0000	+0.0015
278		13	M3	+0.592	-1.384	+0.133	+0.0001	+0.0000	-0.0015
278		14	M4	-0.049	+0.126	+0.018	+0.0000	+0.0000	+0.0001
278		15	M5	+0.114	-0.292	-0.053	-0.0000	-0.0000	-0.0003
278		16	M6	-0.196	+0.497	+0.094	+0.0001	+0.0000	+0.0006
278		17	M7	+0.091	-0.057	+0.395	+0.0003	+0.0001	+0.0001
278		M+	A	+1.738	+0.687	+1.320	+0.0009	+0.0003	+0.0014
278		M-	A	-0.276	-4.094	+0.000	+0.0000	+0.0000	-0.0040
279		0	G	+1.424	-0.487	-0.217	-0.0006	-0.0000	+0.0000
279		1	Q1	+3.474	-2.632	-0.023	-0.0003	+0.0000	-0.0035
279		11	M1	+1.815	-1.418	+0.003	-0.0001	+0.0000	-0.0020
279		12	M2	-1.253	+1.266	-0.052	-0.0000	-0.0000	+0.0019
279		13	M3	+1.556	-1.122	-0.029	-0.0001	+0.0000	-0.0015
279		14	M4	-0.593	+0.550	-0.015	-0.0001	+0.0000	+0.0009
279		15	M5	+0.532	-0.342	+0.008	-0.0003	+0.0000	-0.0002
279		16	M6	+0.655	-0.256	-0.029	+0.0000	-0.0000	-0.0003
279		17	M7	+0.023	+0.140	-0.061	+0.0000	-0.0000	+0.0002
279		M+	A	+6.169	+0.779	+0.000	+0.0000	+0.0000	+0.0019
279		M-	A	+0.000	-4.112	-0.294	-0.0011	-0.0000	-0.0049
280		0	G	+0.188	-1.329	+0.443	-0.0003	-0.0002	-0.0000
280		1	Q1	-3.317	-2.955	+0.213	-0.0001	-0.0001	+0.0035
280		11	M1	-1.499	-1.209	+0.095	-0.0001	-0.0000	+0.0014
280		12	M2	+1.886	+1.204	+0.057	-0.0000	-0.0000	-0.0021
280		13	M3	-1.496	-1.277	+0.055	-0.0000	-0.0000	+0.0016
280		14	M4	+0.333	+0.257	-0.025	+0.0000	+0.0000	-0.0003
280		15	M5	-0.663	-0.528	+0.026	-0.0000	+0.0000	+0.0006
280		16	M6	+0.161	-0.411	+0.246	-0.0001	-0.0001	-0.0003
280		17	M7	+0.598	+0.299	-0.007	-0.0000	-0.0000	-0.0006
280		M+	A	+2.074	+0.000	+0.838	+0.0000	+0.0000	+0.0046
280		M-	A	-4.178	-5.178	+0.000	-0.0005	-0.0003	-0.0021
281		0	G	+1.283	-1.710	-1.116	+0.0002	-0.0002	-0.0000
281		1	Q1	+3.427	-3.119	-0.387	+0.0001	-0.0001	-0.0035
281		11	M1	+1.803	-1.663	-0.168	+0.0000	-0.0000	-0.0020
281		12	M2	-1.274	+1.190	-0.112	+0.0000	-0.0000	+0.0019
281		13	M3	+1.532	-1.353	-0.195	+0.0000	-0.0000	-0.0015
281		14	M4	-0.580	+0.441	-0.066	+0.0000	-0.0000	+0.0009
281		15	M5	+0.524	-0.908	-0.379	+0.0001	-0.0001	-0.0002
281		16	M6	+0.602	-0.270	-0.092	-0.0000	+0.0000	-0.0003
281		17	M7	-0.002	+0.182	-0.049	-0.0000	+0.0000	+0.0002
281		M+	A	+5.972	+0.000	+0.000	+0.0003	+0.0000	+0.0019
281		M-	A	+0.000	-5.992	-1.769	+0.0000	-0.0003	-0.0049
282		0	G	+0.033	-0.670	-0.466	+0.0005	+0.0000	-0.0000
282		1	Q1	-3.394	-2.716	-0.153	+0.0002	+0.0000	+0.0036
282		11	M1	-1.544	-1.125	-0.053	+0.0001	+0.0000	+0.0014
282		12	M2	+1.882	+1.317	-0.067	+0.0001	+0.0000	-0.0021
282		13	M3	-1.525	-1.200	-0.062	+0.0001	-0.0000	+0.0016
282		14	M4	+0.315	+0.222	-0.007	-0.0000	-0.0000	-0.0003
282		15	M5	-0.749	-0.534	-0.068	-0.0000	-0.0000	+0.0007
282		16	M6	+0.156	-0.095	-0.134	+0.0003	+0.0001	-0.0003
282		17	M7	+0.624	+0.367	-0.039	+0.0000	+0.0000	-0.0006
282		M+	A	+1.915	+0.647	+0.000	+0.0010	+0.0001	+0.0047
282		M-	A	-4.442	-4.226	-0.714	+0.0000	-0.0000	-0.0021
283		0	G	+1.624	-0.471	-0.789	-0.0001	-0.0001	-0.0001
283		1	Q1	-1.805	+1.619	-0.104	-0.0000	-0.0000	+0.0022
283		11	M1	-1.059	+0.945	-0.038	-0.0000	-0.0000	+0.0013
283		12	M2	+1.652	-1.050	-0.185	-0.0000	-0.0000	-0.0013
283		13	M3	-0.480	+0.453	-0.019	+0.0000	-0.0000	+0.0005
283		14	M4	+0.635	-0.416	-0.165	-0.0001	-0.0000	-0.0003
283		15	M5	+0.401	-0.152	-0.047	+0.0000	-0.0000	-0.0002
283		16	M6	+0.146	+0.109	-0.072	+0.0000	-0.0000	+0.0001
283		17	M7	+0.300	-0.061	-0.100	-0.0000	-0.0000	-0.0001
283		M+	A	+3.276	+1.809	+0.000	+0.0000	+0.0000	+0.0030
283		M-	A	-0.922	-1.522	-1.047	-0.0002	-0.0001	-0.0014
284		0	G	+0.870	-0.176	-0.318	-0.0008	-0.0002	-0.0005
284		1	Q1	+3.073	+2.510	-0.057	-0.0003	-0.0001	-0.0041
284		11	M1	+1.646	+1.341	-0.013	-0.0001	-0.0000	-0.0022
284		12	M2	-1.293	-1.308	-0.068	-0.0001	-0.0000	+0.0019
284		13	M3	+1.313	+1.094	-0.044	-0.0001	-0.0000	-0.0018
284		14	M4	-0.698	-0.550	-0.013	-0.0001	-0.0000	+0.0007
284		15	M5	+0.234	+0.103	-0.001	-0.0003	-0.0001	-0.0005
284		16	M6	+0.582	+0.266	-0.065	-0.0000	-0.0000	-0.0004
284		17	M7	+0.063	-0.149	-0.073	+0.0000	-0.0000	+0.0002
284		M+	A	+5.094	+3.272	+0.000	+0.0000	+0.0000	+0.0014
284		M-	A	-0.423	-1.484	-0.431	-0.0013	-0.0003	-0.0061

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
285	_____	0	G	+0.648	-1.096	+0.455	-0.0003	+0.0001	+0.0003
285	_____	1	Q1	-2.945	+2.134	+0.206	-0.0001	+0.0001	+0.0040
285	_____	11	M1	-1.231	+0.950	+0.087	-0.0001	+0.0000	+0.0018
285	_____	12	M2	+1.923	-1.568	+0.063	-0.0000	+0.0000	-0.0021
285	_____	13	M3	-1.333	+1.045	+0.054	-0.0000	+0.0000	+0.0018
285	_____	14	M4	+0.268	-0.214	-0.029	+0.0000	-0.0000	-0.0004
285	_____	15	M5	-0.544	+0.416	+0.013	-0.0000	+0.0000	+0.0008
285	_____	16	M6	+0.425	-0.595	+0.250	-0.0001	+0.0001	+0.0000
285	_____	17	M7	+0.665	-0.384	+0.011	+0.0000	-0.0000	-0.0005
285	_____	M+	A	+2.571	+1.769	+0.849	+0.0000	+0.0003	+0.0057
285	_____	M-	A	-3.230	-2.665	+0.000	-0.0005	+0.0000	-0.0017
286	_____	0	G	-0.211	-0.324	+0.793	+0.0010	+0.0000	+0.0002
286	_____	1	Q1	+1.855	+1.583	+0.061	+0.0001	+0.0000	-0.0022
286	_____	11	M1	+0.521	+0.414	-0.073	-0.0001	+0.0000	-0.0005
286	_____	12	M2	-1.122	-0.937	+0.177	+0.0002	-0.0000	+0.0011
286	_____	13	M3	+0.956	+0.824	+0.131	+0.0001	-0.0000	-0.0012
286	_____	14	M4	-0.116	-0.091	+0.013	+0.0000	-0.0000	+0.0001
286	_____	15	M5	+0.227	+0.182	-0.040	-0.0000	+0.0000	-0.0002
286	_____	16	M6	-0.464	-0.393	+0.088	+0.0001	+0.0000	+0.0005
286	_____	17	M7	-0.155	-0.159	+0.354	+0.0004	-0.0000	+0.0001
286	_____	M+	A	+2.313	+1.836	+1.190	+0.0015	+0.0001	+0.0013
286	_____	M-	A	-1.333	-1.261	+0.000	+0.0000	-0.0000	-0.0028
287	_____	0	G	+1.795	-0.403	-0.710	-0.0004	+0.0001	-0.0003
287	_____	1	Q1	-1.735	+1.574	-0.128	-0.0000	+0.0000	+0.0022
287	_____	11	M1	-1.026	+0.938	-0.035	-0.0000	+0.0000	+0.0013
287	_____	12	M2	+1.664	-1.000	-0.146	-0.0001	+0.0000	-0.0013
287	_____	13	M3	-0.449	+0.408	-0.051	+0.0000	+0.0000	+0.0005
287	_____	14	M4	+0.644	-0.339	-0.118	-0.0001	+0.0000	-0.0003
287	_____	15	M5	+0.468	-0.185	-0.074	-0.0001	+0.0001	-0.0002
287	_____	16	M6	+0.163	+0.089	-0.079	+0.0000	+0.0000	+0.0001
287	_____	17	M7	+0.298	-0.061	-0.096	-0.0000	-0.0000	-0.0001
287	_____	M+	A	+3.459	+1.827	+0.000	+0.0000	+0.0002	+0.0028
287	_____	M-	A	-0.659	-1.403	-0.946	-0.0006	+0.0000	-0.0015
288	_____	0	G	+0.833	-1.489	-1.106	+0.0002	+0.0002	-0.0003
288	_____	1	Q1	+3.061	+1.987	-0.372	+0.0001	+0.0001	-0.0041
288	_____	11	M1	+1.650	+1.093	-0.157	+0.0000	+0.0000	-0.0022
288	_____	12	M2	-1.302	-1.399	-0.114	+0.0000	+0.0000	+0.0019
288	_____	13	M3	+1.304	+0.844	-0.189	+0.0000	+0.0000	-0.0018
288	_____	14	M4	-0.679	-0.634	-0.075	+0.0000	+0.0000	+0.0007
288	_____	15	M5	+0.256	-0.447	-0.374	+0.0001	+0.0001	-0.0005
288	_____	16	M6	+0.542	+0.189	-0.077	+0.0000	+0.0000	-0.0004
288	_____	17	M7	+0.041	-0.135	-0.052	-0.0000	-0.0000	+0.0003
288	_____	M+	A	+5.050	+1.264	+0.000	+0.0004	+0.0004	+0.0016
288	_____	M-	A	-0.469	-2.887	-1.741	+0.0000	+0.0000	-0.0059
289	_____	0	G	+0.596	-0.325	-0.329	+0.0007	-0.0003	+0.0005
289	_____	1	Q1	-2.990	+2.456	-0.114	+0.0003	-0.0001	+0.0041
289	_____	11	M1	-1.263	+1.093	-0.040	+0.0001	-0.0000	+0.0018
289	_____	12	M2	+1.934	-1.469	-0.048	+0.0001	-0.0001	-0.0021
289	_____	13	M3	-1.346	+1.148	-0.037	+0.0001	-0.0000	+0.0019
289	_____	14	M4	+0.254	-0.225	+0.003	-0.0000	-0.0000	-0.0004
289	_____	15	M5	-0.609	+0.521	-0.032	+0.0000	-0.0000	+0.0009
289	_____	16	M6	+0.439	-0.294	-0.124	+0.0003	-0.0001	+0.0000
289	_____	17	M7	+0.700	-0.372	-0.024	+0.0001	-0.0001	-0.0005
289	_____	M+	A	+2.530	+2.935	+0.000	+0.0012	+0.0000	+0.0060
289	_____	M-	A	-3.336	-1.794	-0.532	+0.0000	-0.0004	-0.0016
290	_____	0	G	-0.087	-0.747	+1.017	+0.0006	-0.0002	+0.0001
290	_____	1	Q1	+1.910	+1.613	+0.034	+0.0000	-0.0000	-0.0022
290	_____	11	M1	+0.548	+0.494	-0.122	-0.0001	+0.0000	-0.0005
290	_____	12	M2	-1.110	-1.062	+0.243	+0.0001	-0.0000	+0.0011
290	_____	13	M3	+0.975	+0.776	+0.146	+0.0001	-0.0000	-0.0012
290	_____	14	M4	-0.113	-0.101	+0.022	+0.0000	-0.0000	+0.0001
290	_____	15	M5	+0.260	+0.236	-0.064	-0.0000	+0.0000	-0.0002
290	_____	16	M6	-0.429	-0.423	+0.084	+0.0000	-0.0000	+0.0005
290	_____	17	M7	-0.160	-0.372	+0.459	+0.0003	-0.0001	+0.0001
290	_____	M+	A	+2.505	+1.410	+1.500	+0.0009	+0.0000	+0.0012
290	_____	M-	A	-1.197	-1.809	+0.000	+0.0000	-0.0003	-0.0029
291	_____	0	G	+1.345	-0.207	-0.838	-0.0001	+0.0000	-0.0003
291	_____	1	Q1	-1.600	-1.618	-0.108	-0.0000	+0.0000	+0.0029
291	_____	11	M1	-0.969	-0.971	-0.034	+0.0000	+0.0000	+0.0017
291	_____	12	M2	+1.414	+0.868	-0.195	-0.0000	+0.0000	-0.0018
291	_____	13	M3	-0.341	-0.403	-0.026	+0.0000	-0.0000	+0.0008
291	_____	14	M4	+0.411	+0.178	-0.175	-0.0001	+0.0000	-0.0006
291	_____	15	M5	+0.365	+0.129	-0.062	-0.0000	-0.0000	-0.0003
291	_____	16	M6	+0.179	-0.097	-0.076	+0.0000	-0.0000	+0.0002
291	_____	17	M7	+0.281	+0.054	-0.104	-0.0000	-0.0000	-0.0001
291	_____	M+	A	+2.759	+0.661	+0.000	+0.0000	+0.0001	+0.0039
291	_____	M-	A	-0.933	-2.504	-1.108	-0.0002	+0.0000	-0.0020
292	_____	0	G	+0.130	+0.032	+0.796	+0.0010	+0.0000	+0.0004
292	_____	1	Q1	+1.667	-1.578	+0.047	+0.0000	-0.0000	-0.0029
292	_____	11	M1	+0.387	-0.410	-0.091	-0.0001	-0.0000	-0.0008
292	_____	12	M2	-0.852	+0.904	+0.178	+0.0002	+0.0000	+0.0017
292	_____	13	M3	+0.894	-0.832	+0.128	+0.0001	+0.0000	-0.0015
292	_____	14	M4	-0.086	+0.091	+0.016	+0.0000	+0.0000	+0.0002
292	_____	15	M5	+0.170	-0.180	-0.050	-0.0001	-0.0000	-0.0003
292	_____	16	M6	-0.354	+0.376	+0.062	+0.0001	+0.0000	+0.0007
292	_____	17	M7	+0.046	+0.090	+0.378	+0.0004	+0.0000	+0.0003
292	_____	M+	A	+2.423	+0.936	+1.207	+0.0014	+0.0001	+0.0021
292	_____	M-	A	-0.722	-2.128	+0.000	+0.0000	+0.0000	-0.0035
293	_____	0	G	+1.449	+0.107	-0.660	-0.0003	+0.0000	-0.0005
293	_____	1	Q1	-1.552	-1.568	-0.108	-0.0000	-0.0000	+0.0028
293	_____	11	M1	-0.946	-0.937	-0.029	-0.0000	-0.0000	+0.0017
293	_____	12	M2	+1.417	+0.939	-0.145	-0.0001	+0.0000	-0.0018
293	_____	13	M3	-0.318	-0.403	-0.035	+0.0000	+0.0000	+0.0008
293	_____	14	M4	+0.411	+0.264	-0.114	-0.0001	+0.0000	-0.0006
293	_____	15	M5	+0.411	+0.180	-0.037	-0.0000	+0.0000	-0.0003
293	_____	16	M6	+0.191	-0.087	-0.078	+0.0000	-0.0000	+0.0002
293	_____	17	M7	+0.278	+0.060	-0.102	-0.0000	-0.0000	-0.0001
293	_____	M+	A	+2.866	+1.046	+0.000	+0.0000	+0.0000	+0.0035
293	_____	M-	A	-0.766	-2.117	-0.880	-0.0005	-0.0000	-0.0023
294	_____	0	G	+0.179	-0.568	+1.082	+0.0005	+0.0002	+0.0002
294	_____	1	Q1	+1.705	-1.626	+0.043	+0.0000	+0.0000	-0.0029

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
294	_____	11	M1	+0.411	-0.369	-0.118	-0.0001	-0.0000	-0.0008
294	_____	12	M2	-0.854	+0.762	+0.262	+0.0001	+0.0000	+0.0017
294	_____	13	M3	+0.902	-0.907	+0.159	+0.0001	+0.0000	-0.0015
294	_____	14	M4	-0.084	+0.076	+0.022	+0.0000	+0.0000	+0.0002
294	_____	15	M5	+0.196	-0.176	-0.062	-0.0000	-0.0000	-0.0004
294	_____	16	M6	-0.334	+0.298	+0.110	+0.0001	+0.0000	+0.0007
294	_____	17	M7	+0.026	-0.116	+0.474	+0.0003	+0.0001	+0.0003
294	_____	M+	A	+2.516	+0.194	+1.585	+0.0008	+0.0002	+0.0019
294	_____	M-	A	-0.674	-2.828	+0.000	+0.0000	+0.0000	-0.0038
295	_____	0	G	+1.325	-0.496	-0.414	-0.0009	-0.0000	+0.0002
295	_____	1	Q1	+4.293	-1.394	-0.101	-0.0004	-0.0000	-0.0033
295	_____	11	M1	+2.270	-0.737	-0.035	-0.0002	-0.0000	-0.0018
295	_____	12	M2	-1.729	+0.598	-0.067	-0.0001	-0.0000	+0.0018
295	_____	13	M3	+1.889	-0.604	-0.066	-0.0002	-0.0000	-0.0014
295	_____	14	M4	-0.823	+0.241	-0.028	-0.0001	+0.0000	+0.0009
295	_____	15	M5	+0.527	-0.286	-0.072	-0.0004	+0.0000	-0.0001
295	_____	16	M6	+0.726	-0.142	-0.044	-0.0000	-0.0000	-0.0003
295	_____	17	M7	-0.017	+0.077	-0.060	+0.0000	-0.0000	+0.0002
295	_____	M+	A	+7.206	+0.103	+0.000	+0.0000	+0.0000	+0.0020
295	_____	M-	A	-0.404	-2.406	-0.565	-0.0016	-0.0001	-0.0044
296	_____	0	G	+0.272	-1.331	+0.384	-0.0006	-0.0001	-0.0001
296	_____	1	Q1	-4.135	-1.722	+0.186	-0.0002	-0.0000	+0.0033
296	_____	11	M1	-1.809	-0.721	+0.083	-0.0001	-0.0000	+0.0013
296	_____	12	M2	+2.402	+0.485	+0.051	-0.0001	-0.0000	-0.0020
296	_____	13	M3	-1.868	-0.717	+0.048	-0.0001	-0.0000	+0.0015
296	_____	14	M4	+0.398	+0.154	-0.025	+0.0000	+0.0000	-0.0003
296	_____	15	M5	-0.798	-0.316	+0.015	-0.0000	+0.0000	+0.0006
296	_____	16	M6	+0.269	-0.507	+0.220	-0.0003	-0.0001	-0.0003
296	_____	17	M7	+0.741	+0.107	-0.003	-0.0000	-0.0000	-0.0005
296	_____	M+	A	+2.674	+0.000	+0.734	+0.0000	+0.0000	+0.0042
296	_____	M-	A	-5.171	-3.558	+0.000	-0.0010	-0.0002	-0.0021
297	_____	0	G	+1.200	-1.711	-1.083	+0.0005	-0.0001	+0.0001
297	_____	1	Q1	+4.250	-1.880	-0.371	+0.0002	-0.0000	-0.0033
297	_____	11	M1	+2.263	-0.978	-0.162	+0.0001	-0.0000	-0.0018
297	_____	12	M2	-1.749	+0.523	-0.110	+0.0000	-0.0000	+0.0018
297	_____	13	M3	+1.866	-0.835	-0.189	+0.0001	-0.0000	-0.0014
297	_____	14	M4	-0.804	+0.141	-0.068	+0.0000	-0.0000	+0.0008
297	_____	15	M5	+0.531	-0.840	-0.364	+0.0002	-0.0001	-0.0001
297	_____	16	M6	+0.667	-0.168	-0.085	+0.0000	+0.0000	-0.0003
297	_____	17	M7	-0.046	+0.112	-0.050	-0.0000	+0.0000	+0.0002
297	_____	M+	A	+7.034	+0.000	+0.000	+0.0008	+0.0000	+0.0020
297	_____	M-	A	-0.550	-4.276	-1.708	+0.0000	-0.0002	-0.0044
298	_____	0	G	+0.129	-0.673	-0.291	+0.0008	-0.0000	-0.0002
298	_____	1	Q1	-4.217	-1.471	-0.087	+0.0003	-0.0000	+0.0033
298	_____	11	M1	-1.860	-0.626	-0.027	+0.0001	-0.0000	+0.0013
298	_____	12	M2	+2.405	+0.590	-0.041	+0.0001	-0.0000	-0.0020
298	_____	13	M3	-1.897	-0.638	-0.039	+0.0001	-0.0000	+0.0015
298	_____	14	M4	+0.377	+0.124	-0.010	-0.0000	-0.0000	-0.0003
298	_____	15	M5	-0.897	-0.299	-0.049	+0.0000	-0.0000	+0.0006
298	_____	16	M6	+0.272	-0.200	-0.068	+0.0004	+0.0000	-0.0004
298	_____	17	M7	+0.779	+0.158	-0.028	+0.0001	-0.0000	-0.0006
298	_____	M+	A	+2.534	+0.000	+0.000	+0.0014	+0.0000	+0.0042
298	_____	M-	A	-5.415	-2.590	-0.426	+0.0000	-0.0001	-0.0021
299	_____	0	G	+1.593	-0.422	-0.846	-0.0001	-0.0001	-0.0000
299	_____	1	Q1	-2.326	+0.838	-0.112	-0.0000	-0.0000	+0.0021
299	_____	11	M1	-1.377	+0.475	-0.042	-0.0000	-0.0000	+0.0013
299	_____	12	M2	+1.927	-0.604	-0.198	-0.0000	-0.0000	-0.0012
299	_____	13	M3	-0.590	+0.268	-0.018	+0.0000	-0.0000	+0.0005
299	_____	14	M4	+0.676	-0.304	-0.187	-0.0000	-0.0000	-0.0003
299	_____	15	M5	+0.440	-0.088	-0.055	-0.0000	-0.0000	-0.0002
299	_____	16	M6	+0.120	+0.064	-0.072	+0.0000	-0.0000	+0.0001
299	_____	17	M7	+0.314	-0.036	-0.101	-0.0000	-0.0000	-0.0001
299	_____	M+	A	+3.520	+0.748	+0.000	+0.0000	+0.0000	+0.0030
299	_____	M-	A	-1.697	-1.026	-1.123	-0.0001	-0.0001	-0.0012
300	_____	0	G	+1.079	-0.342	-0.469	-0.0010	-0.0001	-0.0006
300	_____	1	Q1	+4.128	+1.089	-0.121	-0.0004	-0.0000	-0.0039
300	_____	11	M1	+2.199	+0.591	-0.044	-0.0002	-0.0000	-0.0021
300	_____	12	M2	-1.749	-0.650	-0.075	-0.0001	-0.0000	+0.0018
300	_____	13	M3	+1.788	+0.465	-0.074	-0.0002	-0.0000	-0.0018
300	_____	14	M4	-0.867	-0.291	-0.025	-0.0001	-0.0000	+0.0007
300	_____	15	M5	+0.398	-0.068	-0.076	-0.0004	-0.0000	-0.0005
300	_____	16	M6	+0.697	+0.113	-0.065	-0.0000	-0.0000	-0.0004
300	_____	17	M7	-0.001	-0.065	-0.067	+0.0000	-0.0000	+0.0002
300	_____	M+	A	+6.746	+1.160	+0.000	+0.0000	+0.0000	+0.0012
300	_____	M-	A	-0.671	-0.992	-0.643	-0.0016	-0.0002	-0.0060
301	_____	0	G	+0.481	-1.216	+0.390	-0.0006	+0.0001	+0.0005
301	_____	1	Q1	-3.982	+0.735	+0.180	-0.0002	+0.0000	+0.0039
301	_____	11	M1	-1.700	+0.329	+0.078	-0.0001	+0.0000	+0.0017
301	_____	12	M2	+2.423	-0.849	+0.055	-0.0001	+0.0000	-0.0019
301	_____	13	M3	-1.801	+0.410	+0.046	-0.0001	+0.0000	+0.0018
301	_____	14	M4	+0.372	-0.077	-0.027	+0.0000	-0.0000	-0.0004
301	_____	15	M5	-0.750	+0.144	+0.007	-0.0001	+0.0000	+0.0008
301	_____	16	M6	+0.384	-0.596	+0.222	-0.0003	+0.0000	+0.0001
301	_____	17	M7	+0.770	-0.224	+0.007	-0.0000	-0.0000	-0.0004
301	_____	M+	A	+2.904	+0.000	+0.738	+0.0000	+0.0002	+0.0056
301	_____	M-	A	-4.762	-2.065	+0.000	-0.0010	+0.0000	-0.0015
302	_____	0	G	-0.176	-0.270	+1.042	+0.0011	+0.0000	+0.0000
302	_____	1	Q1	+2.368	+0.816	+0.066	+0.0000	+0.0000	-0.0021
302	_____	11	M1	+0.627	+0.236	-0.104	-0.0001	+0.0000	-0.0005
302	_____	12	M2	-1.369	-0.527	+0.238	+0.0003	+0.0000	+0.0011
302	_____	13	M3	+1.236	+0.416	+0.166	+0.0001	+0.0000	-0.0011
302	_____	14	M4	-0.139	-0.052	+0.019	+0.0000	-0.0000	+0.0001
302	_____	15	M5	+0.274	+0.104	-0.055	-0.0001	+0.0000	-0.0002
302	_____	16	M6	-0.568	-0.220	+0.106	+0.0001	+0.0000	+0.0005
302	_____	17	M7	-0.141	-0.130	+0.466	+0.0004	-0.0000	+0.0000
302	_____	M+	A	+3.057	+0.837	+1.555	+0.0015	+0.0001	+0.0011
302	_____	M-	A	-1.546	-0.797	+0.000	+0.0000	+0.0000	-0.0029
303	_____	0	G	+1.786	-0.310	-0.782	-0.0004	+0.0001	-0.0001
303	_____	1	Q1	-2.247	+0.811	-0.124	-0.0000	+0.0000	+0.0021
303	_____	11	M1	-1.341	+0.476	-0.038	-0.0000	+0.0000	+0.0013
303	_____	12	M2	+1.940	-0.551	-0.171	-0.0001	+0.0000	-0.0012

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
303		13	M3	-0.553	+0.232	-0.038	+0.0000	+0.0000	+0.0005
303		14	M4	+0.684	-0.227	-0.154	-0.0002	+0.0000	-0.0003
303		15	M5	+0.516	-0.105	-0.068	-0.0000	+0.0000	-0.0002
303		16	M6	+0.140	+0.050	-0.077	+0.0000	+0.0000	+0.0001
303		17	M7	+0.313	-0.035	-0.099	-0.0000	-0.0000	-0.0001
303		M+	A	+3.726	+0.833	+0.000	+0.0000	+0.0002	+0.0028
303		M-	A	-1.399	-0.861	-1.039	-0.0006	+0.0000	-0.0013
304		0	G	+0.995	-1.602	-1.076	+0.0005	+0.0001	-0.0005
304		1	Q1	+4.099	+0.585	-0.361	+0.0002	+0.0001	-0.0039
304		11	M1	+2.199	+0.349	-0.155	+0.0001	+0.0000	-0.0021
304		12	M2	-1.765	-0.733	-0.112	+0.0000	+0.0000	+0.0018
304		13	M3	+1.772	+0.224	-0.185	+0.0001	+0.0000	-0.0017
304		14	M4	-0.845	-0.379	-0.073	+0.0000	+0.0000	+0.0007
304		15	M5	+0.414	-0.615	-0.360	+0.0002	+0.0001	-0.0005
304		16	M6	+0.643	+0.056	-0.076	+0.0000	+0.0000	-0.0004
304		17	M7	-0.029	-0.043	-0.051	-0.0000	-0.0000	+0.0003
304		M+	A	+6.633	+0.000	+0.000	+0.0009	+0.0002	+0.0014
304		M-	A	-0.770	-2.335	-1.689	+0.0000	+0.0000	-0.0058
305		0	G	+0.378	-0.502	-0.218	+0.0009	-0.0002	+0.0006
305		1	Q1	-4.051	+1.027	-0.064	+0.0003	-0.0001	+0.0040
305		11	M1	-1.747	+0.454	-0.018	+0.0001	-0.0000	+0.0018
305		12	M2	+2.431	-0.750	-0.032	+0.0001	-0.0000	-0.0019
305		13	M3	-1.824	+0.502	-0.024	+0.0001	-0.0000	+0.0018
305		14	M4	+0.352	-0.095	-0.004	-0.0000	-0.0000	-0.0004
305		15	M5	-0.841	+0.215	-0.028	+0.0001	-0.0000	+0.0009
305		16	M6	+0.395	-0.297	-0.063	+0.0004	-0.0000	+0.0001
305		17	M7	+0.811	-0.200	-0.022	+0.0001	-0.0000	-0.0005
305		M+	A	+2.809	+0.876	+0.000	+0.0015	+0.0000	+0.0059
305		M-	A	-4.949	-1.252	-0.325	+0.0000	-0.0003	-0.0013
306		0	G	-0.044	-0.717	+1.206	+0.0005	-0.0001	-0.0000
306		1	Q1	+2.432	+0.831	+0.052	+0.0000	-0.0000	-0.0021
306		11	M1	+0.660	+0.307	-0.136	-0.0000	-0.0000	-0.0005
306		12	M2	-1.359	-0.653	+0.285	+0.0001	-0.0000	+0.0011
306		13	M3	+1.256	+0.364	+0.177	+0.0001	-0.0000	-0.0011
306		14	M4	-0.135	-0.063	+0.025	+0.0000	+0.0000	+0.0001
306		15	M5	+0.314	+0.146	-0.071	-0.0000	-0.0000	-0.0002
306		16	M6	-0.530	-0.258	+0.108	+0.0000	-0.0000	+0.0004
306		17	M7	-0.152	-0.336	+0.538	+0.0002	-0.0000	+0.0000
306		M+	A	+3.267	+0.369	+1.781	+0.0007	+0.0000	+0.0011
306		M-	A	-1.403	-1.370	+0.000	+0.0000	-0.0002	-0.0030
307		0	G	+1.463	-0.290	-0.869	-0.0001	+0.0000	-0.0004
307		1	Q1	-2.271	-0.718	-0.114	-0.0000	+0.0000	+0.0027
307		11	M1	-1.357	-0.444	-0.040	-0.0000	+0.0000	+0.0016
307		12	M2	+1.841	+0.320	-0.203	-0.0000	+0.0000	-0.0017
307		13	M3	-0.540	-0.150	-0.022	+0.0000	-0.0000	+0.0008
307		14	M4	+0.582	-0.013	-0.192	-0.0000	+0.0000	-0.0006
307		15	M5	+0.427	+0.048	-0.063	-0.0000	-0.0000	-0.0002
307		16	M6	+0.131	-0.036	-0.074	+0.0000	-0.0000	+0.0002
307		17	M7	+0.308	+0.020	-0.103	-0.0000	-0.0000	-0.0001
307		M+	A	+3.304	+0.031	+0.000	+0.0000	+0.0000	+0.0034
307		M-	A	-1.757	-1.318	-1.152	-0.0001	+0.0000	-0.0020
308		0	G	-0.022	-0.090	+1.040	+0.0010	+0.0000	+0.0005
308		1	Q1	+2.319	-0.701	+0.057	+0.0000	+0.0000	-0.0026
308		11	M1	+0.579	-0.166	-0.115	-0.0001	+0.0000	-0.0007
308		12	M2	-1.272	+0.368	+0.238	+0.0003	+0.0000	+0.0016
308		13	M3	+1.226	-0.378	+0.163	+0.0001	+0.0000	-0.0013
308		14	M4	-0.129	+0.037	+0.021	+0.0000	-0.0000	+0.0002
308		15	M5	+0.253	-0.073	-0.061	-0.0001	+0.0000	-0.0003
308		16	M6	-0.529	+0.153	+0.090	+0.0001	+0.0000	+0.0007
308		17	M7	-0.055	-0.007	+0.479	+0.0004	+0.0000	+0.0003
308		M+	A	+3.154	+0.278	+1.559	+0.0015	+0.0001	+0.0021
308		M-	A	-1.294	-1.056	+0.000	+0.0000	+0.0000	-0.0030
309		0	G	+1.632	-0.057	-0.750	-0.0004	+0.0000	-0.0006
309		1	Q1	-2.199	-0.698	-0.112	-0.0000	+0.0000	+0.0026
309		11	M1	-1.324	-0.423	-0.034	-0.0000	-0.0000	+0.0015
309		12	M2	+1.851	+0.384	-0.170	-0.0001	+0.0000	-0.0017
309		13	M3	-0.506	-0.163	-0.028	+0.0000	+0.0000	+0.0007
309		14	M4	+0.587	+0.068	-0.151	-0.0002	+0.0000	-0.0006
309		15	M5	+0.495	+0.073	-0.047	-0.0000	+0.0000	-0.0003
309		16	M6	+0.150	-0.035	-0.075	+0.0000	+0.0000	+0.0002
309		17	M7	+0.306	+0.024	-0.102	-0.0000	-0.0000	-0.0001
309		M+	A	+3.483	+0.327	+0.000	+0.0000	+0.0001	+0.0030
309		M-	A	-1.494	-1.050	-0.997	-0.0005	+0.0000	-0.0023
310		0	G	+0.082	-0.623	+1.236	+0.0005	+0.0001	+0.0003
310		1	Q1	+2.376	-0.725	+0.057	+0.0000	+0.0000	-0.0027
310		11	M1	+0.611	-0.115	-0.133	-0.0000	-0.0000	-0.0008
310		12	M2	-1.267	+0.233	+0.294	+0.0001	+0.0000	+0.0016
310		13	M3	+1.242	-0.444	+0.184	+0.0001	+0.0000	-0.0014
310		14	M4	-0.125	+0.024	+0.025	+0.0000	+0.0000	+0.0002
310		15	M5	+0.291	-0.054	-0.070	-0.0000	-0.0000	-0.0004
310		16	M6	-0.496	+0.091	+0.122	+0.0000	-0.0000	+0.0006
310		17	M7	-0.071	-0.210	+0.545	+0.0002	+0.0000	+0.0003
310		M+	A	+3.328	+0.000	+1.821	+0.0007	+0.0001	+0.0019
310		M-	A	-1.184	-1.659	+0.000	+0.0000	+0.0000	-0.0033
311		0	G	+1.579	-0.363	-0.882	-0.0000	-0.0000	-0.0002
311		1	Q1	-2.926	+0.060	-0.118	-0.0000	-0.0000	+0.0022
311		11	M1	-1.738	+0.012	-0.043	-0.0000	+0.0000	+0.0013
311		12	M2	+2.255	-0.149	-0.206	-0.0000	-0.0000	-0.0013
311		13	M3	-0.733	+0.067	-0.019	-0.0000	-0.0000	+0.0006
311		14	M4	+0.744	-0.172	-0.203	-0.0000	-0.0000	-0.0004
311		15	M5	+0.488	-0.021	-0.062	-0.0000	-0.0000	-0.0002
311		16	M6	+0.085	+0.016	-0.073	+0.0000	-0.0000	+0.0001
311		17	M7	+0.334	-0.009	-0.102	+0.0000	-0.0000	-0.0001
311		M+	A	+3.834	+0.000	+0.000	+0.0000	+0.0000	+0.0029
311		M-	A	-2.564	-0.535	-1.171	-0.0001	-0.0000	-0.0015
312		0	G	+1.263	-0.461	-0.723	-0.0011	-0.0001	-0.0002
312		1	Q1	+5.212	-0.193	-0.224	-0.0004	-0.0000	-0.0033
312		11	M1	+2.771	-0.089	-0.094	-0.0002	-0.0000	-0.0018
312		12	M2	-2.242	-0.030	-0.089	-0.0001	-0.0000	+0.0017
312		13	M3	+2.270	-0.095	-0.123	-0.0002	-0.0000	-0.0014
312		14	M4	-1.060	-0.037	-0.048	-0.0001	+0.0000	+0.0007

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
312	_____	15	M5	+0.550	-0.205	-0.201	-0.0005	-0.0000	-0.0003
312	_____	16	M6	+0.814	-0.023	-0.064	-0.0000	-0.0000	-0.0003
312	_____	17	M7	-0.066	+0.011	-0.057	+0.0000	-0.0000	+0.0002
312	_____	M+	A	+8.415	+0.000	+0.000	+0.0000	+0.0000	+0.0015
312	_____	M-	A	-0.979	-0.801	-1.088	-0.0019	-0.0001	-0.0048
313	_____	0	G	+0.331	-1.304	+0.208	-0.0008	-0.0000	+0.0002
313	_____	1	Q1	-5.050	-0.530	+0.109	-0.0003	+0.0000	+0.0033
313	_____	11	M1	-2.177	-0.225	+0.050	-0.0001	+0.0000	+0.0014
313	_____	12	M2	+2.951	-0.184	+0.029	-0.0001	-0.0000	-0.0018
313	_____	13	M3	-2.289	-0.170	+0.025	-0.0001	+0.0000	+0.0015
313	_____	14	M4	+0.478	+0.046	-0.022	+0.0000	+0.0000	-0.0003
313	_____	15	M5	-0.959	-0.099	-0.006	-0.0001	+0.0000	+0.0006
313	_____	16	M6	+0.363	-0.576	+0.140	-0.0004	-0.0000	-0.0001
313	_____	17	M7	+0.889	-0.066	-0.003	-0.0000	-0.0000	-0.0004
313	_____	M+	A	+3.282	+0.000	+0.424	+0.0000	+0.0000	+0.0045
313	_____	M-	A	-6.321	-2.251	+0.000	-0.0014	-0.0000	-0.0016
314	_____	0	G	-0.168	-0.193	+1.333	+0.0011	+0.0001	+0.0003
314	_____	1	Q1	+2.956	+0.056	+0.070	+0.0000	+0.0000	-0.0021
314	_____	11	M1	+0.764	+0.043	-0.142	-0.0001	+0.0000	-0.0006
314	_____	12	M2	-1.679	-0.092	+0.310	+0.0003	+0.0000	+0.0013
314	_____	13	M3	+1.552	+0.015	+0.203	+0.0001	+0.0000	-0.0011
314	_____	14	M4	-0.170	-0.010	+0.026	+0.0000	-0.0000	+0.0001
314	_____	15	M5	+0.335	+0.019	-0.074	-0.0001	+0.0000	-0.0003
314	_____	16	M6	-0.698	-0.038	+0.127	+0.0001	+0.0000	+0.0005
314	_____	17	M7	-0.146	-0.082	+0.595	+0.0004	-0.0000	+0.0002
314	_____	M+	A	+3.874	+0.000	+1.977	+0.0016	+0.0001	+0.0016
314	_____	M-	A	-1.848	-0.285	+0.000	+0.0000	+0.0000	-0.0026
315	_____	0	G	+1.807	-0.196	-0.872	-0.0004	+0.0001	-0.0004
315	_____	1	Q1	-2.831	+0.054	-0.119	-0.0000	+0.0000	+0.0021
315	_____	11	M1	-1.695	+0.022	-0.043	-0.0000	+0.0000	+0.0013
315	_____	12	M2	+2.271	-0.092	-0.202	-0.0001	+0.0000	-0.0013
315	_____	13	M3	-0.688	+0.042	-0.021	+0.0000	+0.0000	+0.0006
315	_____	14	M4	+0.752	-0.094	-0.198	-0.0002	+0.0000	-0.0004
315	_____	15	M5	+0.577	-0.019	-0.062	-0.0000	+0.0000	-0.0003
315	_____	16	M6	+0.111	+0.009	-0.073	+0.0000	+0.0000	+0.0001
315	_____	17	M7	+0.333	-0.006	-0.102	-0.0000	-0.0000	-0.0001
315	_____	M+	A	+4.079	+0.000	+0.000	+0.0000	+0.0001	+0.0026
315	_____	M-	A	-2.210	-0.290	-1.157	-0.0006	+0.0000	-0.0017
316	_____	0	G	+1.141	-1.686	-0.926	+0.0007	+0.0000	-0.0002
316	_____	1	Q1	+5.170	-0.683	-0.304	+0.0003	+0.0000	-0.0033
316	_____	11	M1	+2.766	-0.328	-0.131	+0.0001	+0.0000	-0.0018
316	_____	12	M2	-2.263	-0.108	-0.102	+0.0000	-0.0000	+0.0017
316	_____	13	M3	+2.246	-0.328	-0.160	+0.0001	+0.0000	-0.0014
316	_____	14	M4	-1.034	-0.130	-0.062	+0.0000	-0.0000	+0.0007
316	_____	15	M5	+0.563	-0.752	-0.292	+0.0003	+0.0000	-0.0003
316	_____	16	M6	+0.745	-0.062	-0.072	+0.0000	+0.0000	-0.0003
316	_____	17	M7	-0.100	+0.039	-0.053	-0.0000	-0.0000	+0.0002
316	_____	M+	A	+8.247	+0.000	+0.000	+0.0013	+0.0000	+0.0015
316	_____	M-	A	-1.122	-2.916	-1.434	+0.0000	-0.0000	-0.0047
317	_____	0	G	+0.185	-0.631	+0.004	+0.0011	-0.0001	+0.0002
317	_____	1	Q1	-5.142	-0.263	+0.027	+0.0004	-0.0000	+0.0034
317	_____	11	M1	-2.238	-0.116	+0.018	+0.0002	-0.0000	+0.0015
317	_____	12	M2	+2.959	-0.084	+0.001	+0.0002	-0.0000	-0.0018
317	_____	13	M3	-2.319	-0.086	+0.000	+0.0001	-0.0000	+0.0015
317	_____	14	M4	+0.453	+0.021	-0.016	-0.0000	-0.0000	-0.0003
317	_____	15	M5	-1.075	-0.058	-0.021	+0.0001	-0.0000	+0.0007
317	_____	16	M6	+0.373	-0.275	+0.050	+0.0005	-0.0000	-0.0001
317	_____	17	M7	+0.940	-0.030	-0.011	+0.0001	-0.0000	-0.0005
317	_____	M+	A	+3.145	+0.000	+0.072	+0.0018	+0.0000	+0.0047
317	_____	M-	A	-6.580	-1.090	-0.018	+0.0000	-0.0002	-0.0016
318	_____	0	G	-0.015	-0.676	+1.355	+0.0004	-0.0000	+0.0002
318	_____	1	Q1	+3.031	+0.053	+0.069	+0.0000	-0.0000	-0.0022
318	_____	11	M1	+0.804	+0.103	-0.145	-0.0000	-0.0000	-0.0006
318	_____	12	M2	-1.668	-0.221	+0.317	+0.0001	-0.0000	+0.0013
318	_____	13	M3	+1.575	-0.043	+0.205	+0.0001	-0.0000	-0.0011
318	_____	14	M4	-0.165	-0.021	+0.027	+0.0000	+0.0000	+0.0001
318	_____	15	M5	+0.383	+0.049	-0.076	-0.0000	-0.0000	-0.0003
318	_____	16	M6	-0.653	-0.087	+0.129	+0.0000	-0.0000	+0.0005
318	_____	17	M7	-0.161	-0.285	+0.604	+0.0002	-0.0000	+0.0002
318	_____	M+	A	+4.118	+0.000	+2.007	+0.0006	+0.0000	+0.0014
318	_____	M-	A	-1.684	-0.961	+0.000	+0.0000	-0.0000	-0.0028
319	_____	0	G	+1.145	-0.061	-0.521	-0.0001	-0.0000	-0.0020
319	_____	1	Q1	+0.184	-0.106	-0.106	-0.0001	-0.0000	-0.0044
319	_____	11	M1	+0.093	-0.088	-0.014	-0.0001	-0.0000	-0.0026
319	_____	12	M2	+0.355	+0.009	-0.099	+0.0000	+0.0000	+0.0016
319	_____	13	M3	+0.115	-0.003	-0.070	-0.0000	-0.0000	-0.0007
319	_____	14	M4	+0.107	+0.011	-0.011	+0.0000	+0.0000	-0.0006
319	_____	15	M5	+0.173	+0.002	-0.040	+0.0000	+0.0000	+0.0003
319	_____	16	M6	+0.280	-0.001	-0.098	-0.0000	-0.0000	-0.0002
319	_____	17	M7	+0.213	+0.000	-0.114	+0.0000	-0.0000	+0.0001
319	_____	M+	A	+1.628	+0.000	+0.000	+0.0000	+0.0000	+0.0000
319	_____	M-	A	+0.000	-0.229	-0.709	-0.0002	-0.0000	-0.0083
320	_____	0	G	+1.144	-0.631	-0.519	-0.0003	-0.0000	-0.0015
320	_____	1	Q1	+0.184	-1.426	-0.105	-0.0003	-0.0000	-0.0038
320	_____	11	M1	+0.093	-0.811	-0.014	-0.0001	+0.0000	-0.0020
320	_____	12	M2	+0.355	+0.523	-0.099	-0.0000	-0.0000	+0.0016
320	_____	13	M3	+0.115	-0.228	-0.069	-0.0000	-0.0000	-0.0007
320	_____	14	M4	+0.107	-0.203	-0.012	-0.0002	+0.0000	-0.0007
320	_____	15	M5	+0.173	+0.092	-0.040	-0.0000	+0.0000	+0.0003
320	_____	16	M6	+0.280	-0.051	-0.097	-0.0000	-0.0000	-0.0002
320	_____	17	M7	+0.213	+0.033	-0.113	-0.0000	-0.0000	+0.0001
320	_____	M+	A	+1.628	+0.000	+0.000	+0.0000	+0.0000	+0.0001
320	_____	M-	A	+0.000	-2.625	-0.705	-0.0007	-0.0000	-0.0066
321	_____	0	G	+1.153	-0.055	-0.523	+0.0001	-0.0000	-0.0021
321	_____	1	Q1	+0.185	-0.106	-0.105	+0.0001	-0.0000	-0.0045
321	_____	11	M1	+0.093	-0.088	-0.013	+0.0001	+0.0000	-0.0026
321	_____	12	M2	+0.356	+0.011	-0.100	-0.0000	-0.0000	+0.0016
321	_____	13	M3	+0.116	-0.004	-0.069	+0.0000	-0.0000	-0.0007
321	_____	14	M4	+0.107	+0.013	-0.012	-0.0000	-0.0000	-0.0007
321	_____	15	M5	+0.174	+0.002	-0.040	-0.0000	-0.0000	+0.0003
321	_____	16	M6	+0.282	-0.001	-0.098	+0.0000	-0.0000	-0.0002

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
321		17	M7	+0.215	+0.001	-0.114	-0.0000	-0.0000	+0.0001
321		M+	A	+1.639	+0.000	+0.000	+0.0003	+0.0000	+0.0000
321		M-	A	+0.000	-0.223	-0.711	+0.0000	-0.0000	-0.0084
322		0	G	+1.152	-0.659	-0.518	+0.0002	-0.0000	-0.0015
322		1	Q1	+0.185	-1.434	-0.105	+0.0002	-0.0000	-0.0038
322		11	M1	+0.093	-0.815	-0.014	+0.0001	+0.0000	-0.0020
322		12	M2	+0.356	+0.518	-0.099	-0.0000	-0.0000	+0.0016
322		13	M3	+0.116	-0.230	-0.069	-0.0000	-0.0000	-0.0007
322		14	M4	+0.107	-0.208	-0.012	+0.0001	-0.0000	-0.0007
322		15	M5	+0.174	+0.084	-0.040	-0.0000	-0.0000	+0.0003
322		16	M6	+0.282	-0.053	-0.097	-0.0000	-0.0000	-0.0002
322		17	M7	+0.215	+0.032	-0.113	-0.0000	-0.0000	+0.0001
322		M+	A	+1.638	+0.000	+0.000	+0.0005	+0.0000	+0.0000
322		M-	A	+0.000	-2.664	-0.705	+0.0000	-0.0000	-0.0068
323		0	G	+1.152	-1.048	-0.514	+0.0002	-0.0000	-0.0009
323		1	Q1	+0.185	-2.552	-0.104	+0.0002	-0.0000	-0.0032
323		11	M1	+0.093	-1.526	-0.014	+0.0001	+0.0000	-0.0024
323		12	M2	+0.356	+1.002	-0.098	-0.0000	-0.0000	+0.0014
323		13	M3	+0.116	-0.445	-0.068	-0.0000	-0.0000	-0.0006
323		14	M4	+0.106	-0.294	-0.012	+0.0002	+0.0000	+0.0003
323		15	M5	+0.174	+0.162	-0.040	-0.0000	-0.0000	+0.0002
323		16	M6	+0.282	-0.103	-0.096	-0.0000	-0.0000	-0.0001
323		17	M7	+0.215	+0.062	-0.112	-0.0000	-0.0000	+0.0001
323		M+	A	+1.638	+0.000	+0.000	+0.0005	+0.0000	+0.0005
323		M-	A	+0.000	-4.668	-0.699	+0.0000	-0.0000	-0.0058
324		0	G	+1.144	-0.992	-0.515	-0.0004	-0.0000	-0.0009
324		1	Q1	+0.184	-2.537	-0.104	-0.0003	-0.0000	-0.0031
324		11	M1	+0.093	-1.518	-0.014	-0.0001	+0.0000	-0.0024
324		12	M2	+0.355	+1.011	-0.099	-0.0000	-0.0000	+0.0014
324		13	M3	+0.115	-0.440	-0.068	-0.0000	-0.0000	-0.0006
324		14	M4	+0.106	-0.285	-0.012	-0.0002	+0.0000	+0.0003
324		15	M5	+0.173	+0.177	-0.040	-0.0000	+0.0000	+0.0003
324		16	M6	+0.280	-0.099	-0.096	-0.0000	-0.0000	-0.0001
324		17	M7	+0.213	+0.063	-0.112	-0.0000	-0.0000	+0.0001
324		M+	A	+1.627	+0.019	+0.000	+0.0000	+0.0000	+0.0006
324		M-	A	+0.000	-4.591	-0.700	-0.0009	-0.0000	-0.0057
325		0	G	+1.151	-1.298	-0.511	+0.0001	-0.0000	-0.0006
325		1	Q1	+0.186	-3.469	-0.104	+0.0002	-0.0000	-0.0025
325		11	M1	+0.093	-2.234	-0.014	+0.0002	+0.0000	-0.0018
325		12	M2	+0.356	+1.423	-0.098	-0.0000	-0.0000	+0.0012
325		13	M3	+0.116	-0.631	-0.067	-0.0000	-0.0000	-0.0005
325		14	M4	+0.106	-0.194	-0.012	+0.0000	+0.0000	+0.0001
325		15	M5	+0.174	+0.230	-0.040	-0.0000	-0.0000	+0.0002
325		16	M6	+0.282	-0.146	-0.095	-0.0000	-0.0000	-0.0001
325		17	M7	+0.215	+0.088	-0.111	-0.0000	-0.0000	+0.0001
325		M+	A	+1.637	+0.124	+0.000	+0.0005	+0.0000	+0.0006
325		M-	A	+0.000	-6.331	-0.694	+0.0000	-0.0000	-0.0044
326		0	G	+1.143	-1.219	-0.511	-0.0005	-0.0000	-0.0006
326		1	Q1	+0.184	-3.448	-0.104	-0.0003	-0.0000	-0.0025
326		11	M1	+0.093	-2.223	-0.014	-0.0003	+0.0000	-0.0018
326		12	M2	+0.354	+1.435	-0.098	-0.0000	-0.0000	+0.0012
326		13	M3	+0.115	-0.624	-0.067	-0.0000	-0.0000	-0.0005
326		14	M4	+0.106	-0.182	-0.012	-0.0001	+0.0000	+0.0001
326		15	M5	+0.173	+0.251	-0.040	-0.0000	-0.0000	+0.0002
326		16	M6	+0.280	-0.140	-0.095	-0.0000	-0.0000	-0.0001
326		17	M7	+0.213	+0.090	-0.111	-0.0000	-0.0000	+0.0001
326		M+	A	+1.626	+0.216	+0.000	+0.0000	+0.0000	+0.0006
326		M-	A	+0.000	-6.222	-0.694	-0.0010	-0.0000	-0.0043
327		0	G	+1.151	-1.456	-0.507	+0.0001	-0.0000	-0.0004
327		1	Q1	+0.186	-4.166	-0.103	+0.0002	-0.0000	-0.0018
327		11	M1	+0.093	-2.675	-0.014	+0.0002	+0.0000	-0.0011
327		12	M2	+0.356	+1.753	-0.097	-0.0000	-0.0000	+0.0009
327		13	M3	+0.116	-0.776	-0.067	-0.0000	-0.0000	-0.0004
327		14	M4	+0.106	-0.292	-0.013	+0.0001	+0.0000	-0.0006
327		15	M5	+0.174	+0.284	-0.040	-0.0001	-0.0000	+0.0001
327		16	M6	+0.282	-0.179	-0.094	-0.0000	-0.0000	-0.0001
327		17	M7	+0.215	+0.108	-0.109	-0.0000	-0.0000	+0.0001
327		M+	A	+1.636	+0.297	+0.000	+0.0004	+0.0000	+0.0005
327		M-	A	+0.000	-7.495	-0.688	+0.0000	-0.0000	-0.0029
328		0	G	+1.143	-1.358	-0.507	-0.0005	-0.0000	-0.0003
328		1	Q1	+0.184	-4.139	-0.103	-0.0003	-0.0000	-0.0018
328		11	M1	+0.093	-2.661	-0.014	-0.0003	+0.0000	-0.0011
328		12	M2	+0.354	+1.769	-0.097	-0.0000	-0.0000	+0.0009
328		13	M3	+0.115	-0.767	-0.067	-0.0000	-0.0000	-0.0004
328		14	M4	+0.106	-0.276	-0.013	-0.0002	+0.0000	-0.0005
328		15	M5	+0.173	+0.309	-0.040	-0.0001	-0.0000	+0.0002
328		16	M6	+0.280	-0.172	-0.094	-0.0000	-0.0000	-0.0001
328		17	M7	+0.213	+0.110	-0.109	-0.0000	-0.0000	+0.0001
328		M+	A	+1.625	+0.411	+0.000	+0.0000	+0.0000	+0.0006
328		M-	A	+0.000	-7.360	-0.688	-0.0010	-0.0000	-0.0029
329		0	G	+1.150	-1.542	-0.503	+0.0000	-0.0000	-0.0002
329		1	Q1	+0.186	-4.635	-0.102	+0.0002	-0.0000	-0.0011
329		11	M1	+0.093	-2.870	-0.014	+0.0001	+0.0000	-0.0001
329		12	M2	+0.355	+1.984	-0.096	-0.0000	-0.0000	+0.0006
329		13	M3	+0.116	-0.875	-0.066	-0.0000	-0.0000	-0.0002
329		14	M4	+0.106	-0.362	-0.013	+0.0002	+0.0000	+0.0001
329		15	M5	+0.173	+0.320	-0.040	-0.0001	-0.0000	+0.0001
329		16	M6	+0.282	-0.202	-0.093	-0.0000	-0.0000	-0.0001
329		17	M7	+0.215	+0.122	-0.108	-0.0000	-0.0000	+0.0000
329		M+	A	+1.636	+0.442	+0.000	+0.0004	+0.0000	+0.0004
329		M-	A	+0.000	-8.186	-0.683	-0.0000	-0.0000	-0.0015
330		0	G	+1.142	-1.429	-0.503	-0.0006	-0.0000	-0.0001
330		1	Q1	+0.184	-4.605	-0.102	-0.0003	-0.0000	-0.0011
330		11	M1	+0.093	-2.855	-0.014	-0.0002	+0.0000	-0.0001
330		12	M2	+0.354	+2.002	-0.096	-0.0000	-0.0000	+0.0006
330		13	M3	+0.115	-0.865	-0.066	-0.0000	-0.0000	-0.0002
330		14	M4	+0.105	-0.344	-0.013	-0.0003	+0.0000	+0.0001
330		15	M5	+0.173	+0.349	-0.040	-0.0001	-0.0000	+0.0001
330		16	M6	+0.280	-0.194	-0.093	-0.0000	-0.0000	-0.0001
330		17	M7	+0.213	+0.125	-0.108	-0.0000	-0.0000	+0.0000
330		M+	A	+1.624	+0.573	+0.000	+0.0000	+0.0000	+0.0004

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
330	_____	M-	A	+0.000	-8.032	-0.682	-0.0011	-0.0000	-0.0015
331	_____	0	G	+1.150	-1.582	-0.499	+0.0000	-0.0000	-0.0001
331	_____	1	Q1	+0.186	-4.912	-0.101	+0.0002	-0.0000	-0.0006
331	_____	11	M1	+0.093	-2.943	-0.014	+0.0000	+0.0000	-0.0005
331	_____	12	M2	+0.355	+2.123	-0.095	-0.0000	-0.0000	+0.0003
331	_____	13	M3	+0.116	-0.932	-0.066	-0.0000	-0.0000	-0.0001
331	_____	14	M4	+0.105	-0.333	-0.013	+0.0002	-0.0000	+0.0003
331	_____	15	M5	+0.173	+0.342	-0.040	-0.0001	-0.0000	+0.0000
331	_____	16	M6	+0.282	-0.215	-0.092	-0.0000	-0.0000	-0.0000
331	_____	17	M7	+0.215	+0.130	-0.107	-0.0000	-0.0000	+0.0000
331	_____	M+	A	+1.635	+0.541	+0.000	+0.0003	+0.0000	+0.0002
331	_____	M-	A	+0.000	-8.555	-0.677	-0.0000	-0.0000	-0.0010
332	_____	0	G	+1.141	-1.460	-0.498	-0.0006	-0.0000	-0.0000
332	_____	1	Q1	+0.184	-4.881	-0.101	-0.0003	-0.0000	-0.0006
332	_____	11	M1	+0.093	-2.927	-0.014	-0.0001	+0.0000	-0.0005
332	_____	12	M2	+0.353	+2.143	-0.095	-0.0000	-0.0000	+0.0003
332	_____	13	M3	+0.115	-0.922	-0.066	-0.0000	-0.0000	-0.0001
332	_____	14	M4	+0.105	-0.312	-0.013	-0.0003	-0.0000	+0.0003
332	_____	15	M5	+0.172	+0.372	-0.040	-0.0001	-0.0000	+0.0000
332	_____	16	M6	+0.280	-0.207	-0.092	-0.0000	-0.0000	-0.0000
332	_____	17	M7	+0.213	+0.133	-0.107	-0.0000	-0.0000	+0.0000
332	_____	M+	A	+1.623	+0.684	+0.000	+0.0000	+0.0000	+0.0003
332	_____	M-	A	+0.000	-8.389	-0.676	-0.0011	-0.0000	-0.0010
333	_____	0	G	+1.149	-1.580	-0.494	+0.0000	-0.0000	+0.0001
333	_____	1	Q1	+0.186	-5.004	-0.100	+0.0002	-0.0000	+0.0000
333	_____	11	M1	+0.093	-3.133	-0.014	+0.0002	-0.0000	-0.0005
333	_____	12	M2	+0.354	+2.173	-0.094	-0.0000	-0.0000	+0.0000
333	_____	13	M3	+0.116	-0.949	-0.065	-0.0000	-0.0000	+0.0000
333	_____	14	M4	+0.105	-0.182	-0.013	+0.0000	-0.0000	+0.0004
333	_____	15	M5	+0.173	+0.349	-0.040	-0.0001	-0.0000	-0.0000
333	_____	16	M6	+0.282	-0.219	-0.091	-0.0000	-0.0000	+0.0000
333	_____	17	M7	+0.215	+0.133	-0.106	-0.0000	-0.0000	-0.0000
333	_____	M+	A	+1.634	+0.593	+0.000	+0.0003	+0.0000	+0.0006
333	_____	M-	A	+0.000	-8.777	-0.670	-0.0001	-0.0000	-0.0004
334	_____	0	G	+1.140	-1.453	-0.494	-0.0006	-0.0000	+0.0001
334	_____	1	Q1	+0.184	-4.972	-0.100	-0.0003	-0.0000	+0.0000
334	_____	11	M1	+0.093	-3.116	-0.014	-0.0002	+0.0000	-0.0005
334	_____	12	M2	+0.353	+2.195	-0.094	-0.0000	-0.0000	+0.0000
334	_____	13	M3	+0.115	-0.939	-0.065	-0.0000	-0.0000	+0.0000
334	_____	14	M4	+0.105	-0.159	-0.013	-0.0001	-0.0000	+0.0004
334	_____	15	M5	+0.172	+0.380	-0.040	-0.0001	+0.0000	-0.0000
334	_____	16	M6	+0.280	-0.211	-0.091	-0.0000	-0.0000	+0.0000
334	_____	17	M7	+0.213	+0.135	-0.106	-0.0000	-0.0000	-0.0000
334	_____	M+	A	+1.622	+0.742	+0.000	+0.0000	+0.0000	+0.0006
334	_____	M-	A	+0.000	-8.606	-0.670	-0.0011	-0.0000	-0.0004
335	_____	0	G	+1.148	-1.514	-0.488	+0.0000	-0.0000	+0.0003
335	_____	1	Q1	+0.187	-4.875	-0.100	+0.0002	-0.0000	+0.0008
335	_____	11	M1	+0.094	-3.106	-0.014	+0.0002	-0.0000	+0.0005
335	_____	12	M2	+0.354	+2.123	-0.093	-0.0000	-0.0000	-0.0003
335	_____	13	M3	+0.117	-0.920	-0.064	-0.0000	-0.0000	+0.0002
335	_____	14	M4	+0.104	-0.181	-0.012	+0.0001	-0.0000	-0.0004
335	_____	15	M5	+0.173	+0.340	-0.040	-0.0001	-0.0000	-0.0001
335	_____	16	M6	+0.282	-0.213	-0.090	-0.0000	-0.0000	+0.0000
335	_____	17	M7	+0.215	+0.129	-0.104	-0.0000	-0.0000	-0.0000
335	_____	M+	A	+1.632	+0.610	+0.000	+0.0003	+0.0000	+0.0015
335	_____	M-	A	+0.000	-8.563	-0.662	-0.0001	-0.0000	-0.0001
336	_____	0	G	+1.139	-1.386	-0.488	-0.0006	-0.0000	+0.0003
336	_____	1	Q1	+0.185	-4.844	-0.100	-0.0003	-0.0000	+0.0008
336	_____	11	M1	+0.093	-3.089	-0.014	-0.0003	+0.0000	+0.0005
336	_____	12	M2	+0.352	+2.146	-0.093	-0.0001	-0.0000	-0.0003
336	_____	13	M3	+0.115	-0.911	-0.065	-0.0000	-0.0000	+0.0002
336	_____	14	M4	+0.104	-0.157	-0.012	-0.0002	-0.0000	-0.0004
336	_____	15	M5	+0.172	+0.370	-0.040	-0.0001	-0.0000	-0.0001
336	_____	16	M6	+0.280	-0.205	-0.090	-0.0000	-0.0000	+0.0000
336	_____	17	M7	+0.213	+0.131	-0.104	-0.0000	-0.0000	-0.0000
336	_____	M+	A	+1.621	+0.760	+0.000	+0.0000	+0.0000	+0.0015
336	_____	M-	A	+0.000	-8.392	-0.663	-0.0011	-0.0000	-0.0001
337	_____	0	G	+1.147	-1.364	-0.482	+0.0000	-0.0000	+0.0006
337	_____	1	Q1	+0.187	-4.497	-0.099	+0.0002	-0.0000	+0.0015
337	_____	11	M1	+0.094	-2.833	-0.014	+0.0002	-0.0000	+0.0014
337	_____	12	M2	+0.353	+1.965	-0.092	-0.0000	-0.0000	-0.0007
337	_____	13	M3	+0.117	-0.844	-0.064	-0.0000	-0.0000	+0.0003
337	_____	14	M4	+0.104	-0.288	-0.012	+0.0002	-0.0000	-0.0001
337	_____	15	M5	+0.173	+0.313	-0.040	-0.0001	-0.0000	-0.0001
337	_____	16	M6	+0.282	-0.195	-0.089	-0.0000	-0.0000	+0.0001
337	_____	17	M7	+0.215	+0.118	-0.103	-0.0000	-0.0000	-0.0000
337	_____	M+	A	+1.631	+0.601	+0.000	+0.0003	+0.0000	+0.0031
337	_____	M-	A	+0.000	-7.845	-0.654	-0.0000	-0.0000	-0.0001
338	_____	0	G	+1.138	-1.242	-0.483	-0.0006	-0.0000	+0.0006
338	_____	1	Q1	+0.185	-4.469	-0.099	-0.0003	-0.0000	+0.0015
338	_____	11	M1	+0.093	-2.818	-0.014	-0.0003	-0.0000	+0.0013
338	_____	12	M2	+0.352	+1.988	-0.092	-0.0001	-0.0000	-0.0007
338	_____	13	M3	+0.116	-0.837	-0.064	-0.0000	-0.0000	+0.0003
338	_____	14	M4	+0.104	-0.264	-0.012	-0.0003	-0.0000	-0.0001
338	_____	15	M5	+0.172	+0.341	-0.040	-0.0001	-0.0000	-0.0001
338	_____	16	M6	+0.280	-0.188	-0.089	-0.0000	-0.0000	+0.0001
338	_____	17	M7	+0.213	+0.120	-0.103	-0.0000	-0.0000	-0.0000
338	_____	M+	A	+1.619	+0.746	+0.000	+0.0000	+0.0000	+0.0030
338	_____	M-	A	+0.000	-7.684	-0.655	-0.0011	-0.0000	-0.0001
339	_____	0	G	+1.146	-1.147	-0.476	+0.0000	-0.0000	+0.0007
339	_____	1	Q1	+0.187	-3.894	-0.098	+0.0002	-0.0000	+0.0022
339	_____	11	M1	+0.094	-2.317	-0.014	+0.0001	+0.0000	+0.0016
339	_____	12	M2	+0.353	+1.708	-0.090	-0.0000	-0.0000	-0.0009
339	_____	13	M3	+0.117	-0.726	-0.064	-0.0000	-0.0000	+0.0004
339	_____	14	M4	+0.103	-0.259	-0.011	+0.0002	-0.0000	+0.0001
339	_____	15	M5	+0.173	+0.271	-0.040	-0.0001	+0.0000	-0.0002
339	_____	16	M6	+0.282	-0.168	-0.088	-0.0000	-0.0000	+0.0001
339	_____	17	M7	+0.215	+0.101	-0.102	-0.0000	-0.0000	-0.0001
339	_____	M+	A	+1.630	+0.560	+0.000	+0.0004	+0.0000	+0.0040
339	_____	M-	A	+0.000	-6.664	-0.647	-0.0000	-0.0000	-0.0002

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
340	_____	0	G	+1.137	-1.034	-0.476	-0.0005	-0.0000	+0.0007
340	_____	1	Q1	+0.185	-3.870	-0.098	-0.0003	-0.0000	+0.0022
340	_____	11	M1	+0.093	-2.303	-0.014	-0.0001	-0.0000	+0.0016
340	_____	12	M2	+0.351	+1.730	-0.090	-0.0000	-0.0000	-0.0009
340	_____	13	M3	+0.116	-0.721	-0.064	-0.0000	-0.0000	+0.0004
340	_____	14	M4	+0.103	-0.235	-0.011	-0.0003	-0.0000	+0.0001
340	_____	15	M5	+0.172	+0.295	-0.040	-0.0001	-0.0000	-0.0002
340	_____	16	M6	+0.280	-0.162	-0.088	-0.0000	-0.0000	+0.0001
340	_____	17	M7	+0.213	+0.104	-0.102	-0.0000	-0.0000	-0.0001
340	_____	M+	A	+1.618	+0.695	+0.000	+0.0000	+0.0000	+0.0040
340	_____	M-	A	+0.000	-6.517	-0.646	-0.0011	-0.0000	-0.0002
341	_____	0	G	+1.145	-0.899	-0.471	+0.0001	-0.0000	+0.0008
341	_____	1	Q1	+0.187	-3.111	-0.097	+0.0002	-0.0000	+0.0027
341	_____	11	M1	+0.094	-1.892	-0.014	+0.0001	+0.0000	+0.0011
341	_____	12	M2	+0.352	+1.362	-0.089	-0.0000	-0.0000	-0.0012
341	_____	13	M3	+0.117	-0.573	-0.063	-0.0000	-0.0000	+0.0005
341	_____	14	M4	+0.103	-0.123	-0.011	+0.0001	-0.0000	+0.0007
341	_____	15	M5	+0.172	+0.215	-0.040	-0.0000	+0.0000	-0.0002
341	_____	16	M6	+0.282	-0.133	-0.087	-0.0000	-0.0000	+0.0001
341	_____	17	M7	+0.215	+0.080	-0.101	-0.0000	-0.0000	-0.0001
341	_____	M+	A	+1.628	+0.462	+0.000	+0.0004	+0.0000	+0.0042
341	_____	M-	A	+0.000	-5.335	-0.640	+0.0000	-0.0000	-0.0004
342	_____	0	G	+1.136	-0.799	-0.468	-0.0005	-0.0000	+0.0007
342	_____	1	Q1	+0.185	-3.092	-0.096	-0.0003	-0.0000	+0.0026
342	_____	11	M1	+0.093	-1.881	-0.013	-0.0002	-0.0000	+0.0011
342	_____	12	M2	+0.351	+1.383	-0.088	-0.0000	-0.0000	-0.0012
342	_____	13	M3	+0.116	-0.570	-0.063	-0.0000	-0.0000	+0.0005
342	_____	14	M4	+0.103	-0.099	-0.010	-0.0002	-0.0000	+0.0007
342	_____	15	M5	+0.171	+0.234	-0.039	-0.0000	-0.0000	-0.0002
342	_____	16	M6	+0.280	-0.128	-0.087	-0.0000	-0.0000	+0.0001
342	_____	17	M7	+0.213	+0.082	-0.101	-0.0000	-0.0000	-0.0001
342	_____	M+	A	+1.616	+0.584	+0.000	+0.0000	+0.0000	+0.0042
342	_____	M-	A	+0.000	-5.207	-0.636	-0.0010	-0.0000	-0.0005
343	_____	0	G	+1.144	-0.639	-0.467	+0.0001	-0.0000	+0.0009
343	_____	1	Q1	+0.188	-2.193	-0.097	+0.0002	-0.0000	+0.0031
343	_____	11	M1	+0.094	-1.373	-0.014	+0.0002	+0.0000	+0.0022
343	_____	12	M2	+0.352	+0.949	-0.088	-0.0000	-0.0000	-0.0014
343	_____	13	M3	+0.117	-0.394	-0.063	+0.0000	-0.0000	+0.0006
343	_____	14	M4	+0.102	-0.010	-0.011	+0.0000	+0.0000	-0.0000
343	_____	15	M5	+0.172	+0.149	-0.040	-0.0000	+0.0000	-0.0002
343	_____	16	M6	+0.282	-0.091	-0.086	-0.0000	-0.0000	+0.0001
343	_____	17	M7	+0.215	+0.055	-0.099	-0.0000	-0.0000	-0.0001
343	_____	M+	A	+1.627	+0.310	+0.000	+0.0004	+0.0000	+0.0055
343	_____	M-	A	+0.000	-3.793	-0.635	+0.0000	-0.0000	-0.0005
344	_____	0	G	+1.134	-0.551	-0.458	-0.0005	-0.0000	+0.0009
344	_____	1	Q1	+0.185	-2.180	-0.094	-0.0003	-0.0000	+0.0030
344	_____	11	M1	+0.094	-1.364	-0.013	-0.0002	-0.0000	+0.0022
344	_____	12	M2	+0.350	+0.969	-0.086	-0.0000	-0.0000	-0.0014
344	_____	13	M3	+0.116	-0.395	-0.062	+0.0000	-0.0000	+0.0006
344	_____	14	M4	+0.102	+0.015	-0.008	-0.0001	-0.0000	-0.0000
344	_____	15	M5	+0.171	+0.163	-0.037	-0.0000	-0.0000	-0.0002
344	_____	16	M6	+0.280	-0.089	-0.085	-0.0000	-0.0000	+0.0001
344	_____	17	M7	+0.213	+0.057	-0.099	-0.0000	-0.0000	-0.0001
344	_____	M+	A	+1.614	+0.418	+0.000	+0.0000	+0.0000	+0.0055
344	_____	M-	A	+0.000	-3.686	-0.624	-0.0009	-0.0000	-0.0005
345	_____	0	G	+1.143	-0.259	-0.462	-0.0000	-0.0000	+0.0016
345	_____	1	Q1	+0.188	-1.127	-0.096	+0.0002	-0.0000	+0.0036
345	_____	11	M1	+0.094	-0.626	-0.014	+0.0000	-0.0000	+0.0022
345	_____	12	M2	+0.351	+0.506	-0.087	-0.0001	-0.0000	-0.0013
345	_____	13	M3	+0.117	-0.207	-0.063	+0.0000	-0.0000	+0.0006
345	_____	14	M4	+0.102	-0.039	-0.011	+0.0000	-0.0000	+0.0002
345	_____	15	M5	+0.172	+0.078	-0.041	-0.0000	-0.0000	-0.0002
345	_____	16	M6	+0.282	-0.048	-0.085	+0.0000	-0.0000	+0.0001
345	_____	17	M7	+0.215	+0.029	-0.098	-0.0000	-0.0000	-0.0001
345	_____	M+	A	+1.625	+0.247	+0.000	+0.0001	+0.0000	+0.0068
345	_____	M-	A	+0.000	-1.824	-0.628	-0.0001	-0.0000	+0.0000
346	_____	0	G	+1.133	-0.193	-0.450	-0.0003	-0.0000	+0.0014
346	_____	1	Q1	+0.186	-1.120	-0.092	-0.0002	-0.0000	+0.0036
346	_____	11	M1	+0.094	-0.620	-0.012	-0.0001	-0.0000	+0.0022
346	_____	12	M2	+0.350	+0.523	-0.085	-0.0000	-0.0000	-0.0014
346	_____	13	M3	+0.116	-0.210	-0.061	-0.0000	-0.0000	+0.0006
346	_____	14	M4	+0.101	-0.017	-0.007	-0.0001	-0.0000	+0.0001
346	_____	15	M5	+0.171	+0.086	-0.036	-0.0000	-0.0000	-0.0002
346	_____	16	M6	+0.280	-0.047	-0.084	-0.0000	-0.0000	+0.0001
346	_____	17	M7	+0.213	+0.030	-0.098	-0.0000	-0.0000	-0.0001
346	_____	M+	A	+1.613	+0.330	+0.000	+0.0000	+0.0000	+0.0065
346	_____	M-	A	+0.000	-1.748	-0.612	-0.0005	-0.0000	-0.0000
347	_____	0	G	+1.141	+0.131	-0.449	-0.0001	-0.0001	-0.0002
347	_____	1	Q1	+0.188	-0.006	-0.093	+0.0000	-0.0000	+0.0030
347	_____	11	M1	+0.094	+0.010	-0.013	-0.0000	-0.0000	+0.0017
347	_____	12	M2	+0.351	+0.048	-0.085	-0.0001	-0.0000	-0.0017
347	_____	13	M3	+0.118	-0.019	-0.061	+0.0000	-0.0000	+0.0007
347	_____	14	M4	+0.101	+0.051	-0.008	-0.0000	-0.0000	-0.0004
347	_____	15	M5	+0.172	+0.006	-0.038	-0.0000	-0.0000	-0.0003
347	_____	16	M6	+0.282	-0.004	-0.083	+0.0000	-0.0000	+0.0002
347	_____	17	M7	+0.215	+0.002	-0.097	-0.0000	-0.0000	-0.0001
347	_____	M+	A	+1.624	+0.182	+0.000	+0.0000	+0.0000	+0.0040
347	_____	M-	A	+0.000	+0.000	-0.610	-0.0002	-0.0001	-0.0019
348	_____	0	G	+1.132	+0.110	-0.450	+0.0002	+0.0000	-0.0003
348	_____	1	Q1	+0.186	-0.012	-0.093	-0.0000	+0.0000	+0.0030
348	_____	11	M1	+0.094	+0.009	-0.013	+0.0000	+0.0000	+0.0017
348	_____	12	M2	+0.349	+0.046	-0.085	+0.0001	+0.0000	-0.0017
348	_____	13	M3	+0.116	-0.018	-0.061	-0.0000	+0.0000	+0.0007
348	_____	14	M4	+0.101	+0.039	-0.009	+0.0001	+0.0000	-0.0005
348	_____	15	M5	+0.171	+0.005	-0.038	+0.0000	+0.0000	-0.0003
348	_____	16	M6	+0.280	-0.004	-0.083	-0.0000	+0.0000	+0.0001
348	_____	17	M7	+0.213	+0.002	-0.097	+0.0000	-0.0000	-0.0001
348	_____	M+	A	+1.611	+0.156	+0.000	+0.0002	+0.0001	+0.0039
348	_____	M-	A	+0.000	+0.000	-0.612	+0.0000	+0.0000	-0.0019
349	_____	0	G	+1.129	-0.459	-0.435	+0.0001	-0.0000	-0.0020
349	_____	1	Q1	+0.185	+1.008	-0.089	+0.0000	-0.0000	+0.0028

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
349	_____	11	M1	+0.092	+0.596	-0.011	-0.0000	-0.0000	+0.0016
349	_____	12	M2	+0.348	-0.627	-0.082	-0.0001	-0.0000	-0.0020
349	_____	13	M3	+0.116	+0.249	-0.059	+0.0000	-0.0000	+0.0008
349	_____	14	M4	+0.098	-0.363	-0.007	+0.0000	+0.0000	-0.0010
349	_____	15	M5	+0.168	-0.096	-0.034	+0.0000	-0.0000	-0.0003
349	_____	16	M6	+0.281	+0.058	-0.082	+0.0000	-0.0000	+0.0002
349	_____	17	M7	+0.215	-0.035	-0.096	-0.0000	-0.0000	-0.0001
349	_____	M+	A	+1.607	+0.966	+0.000	+0.0001	+0.0000	+0.0018
349	_____	M-	A	+0.000	-1.086	-0.592	+0.0000	-0.0000	-0.0040
350	_____	0	G	+1.120	-0.429	-0.450	-0.0002	-0.0000	-0.0019
350	_____	1	Q1	+0.183	+1.000	-0.093	+0.0000	-0.0000	+0.0028
350	_____	11	M1	+0.092	+0.596	-0.014	+0.0000	-0.0000	+0.0016
350	_____	12	M2	+0.346	-0.612	-0.085	-0.0000	-0.0000	-0.0019
350	_____	13	M3	+0.115	+0.239	-0.061	+0.0000	-0.0000	+0.0008
350	_____	14	M4	+0.097	-0.343	-0.011	-0.0001	-0.0000	-0.0009
350	_____	15	M5	+0.167	-0.101	-0.039	+0.0000	-0.0000	-0.0003
350	_____	16	M6	+0.279	+0.054	-0.083	+0.0000	-0.0000	+0.0002
350	_____	17	M7	+0.213	-0.034	-0.096	+0.0000	-0.0000	-0.0001
350	_____	M+	A	+1.594	+0.989	+0.000	+0.0000	+0.0000	+0.0020
350	_____	M-	A	+0.000	-1.041	-0.610	-0.0004	-0.0000	-0.0039
351	_____	0	G	+1.118	-1.009	-0.431	+0.0003	-0.0000	-0.0013
351	_____	1	Q1	+0.182	+1.969	-0.088	+0.0000	-0.0000	+0.0026
351	_____	11	M1	+0.091	+1.155	-0.011	+0.0000	+0.0000	+0.0015
351	_____	12	M2	+0.345	-1.330	-0.082	-0.0000	-0.0000	-0.0021
351	_____	13	M3	+0.115	+0.517	-0.058	+0.0000	-0.0000	+0.0007
351	_____	14	M4	+0.094	-0.661	-0.008	+0.0000	+0.0000	-0.0010
351	_____	15	M5	+0.164	-0.199	-0.034	+0.0000	+0.0000	-0.0003
351	_____	16	M6	+0.280	+0.121	-0.081	+0.0000	-0.0000	+0.0002
351	_____	17	M7	+0.215	-0.072	-0.094	+0.0000	-0.0000	-0.0001
351	_____	M+	A	+1.590	+1.769	+0.000	+0.0004	+0.0000	+0.0025
351	_____	M-	A	+0.000	-2.339	-0.587	+0.0000	-0.0000	-0.0033
352	_____	0	G	+1.108	-0.995	-0.440	-0.0004	-0.0000	-0.0014
352	_____	1	Q1	+0.180	+1.954	-0.091	+0.0000	-0.0000	+0.0026
352	_____	11	M1	+0.090	+1.153	-0.013	+0.0000	-0.0000	+0.0015
352	_____	12	M2	+0.343	-1.316	-0.084	-0.0000	-0.0000	-0.0021
352	_____	13	M3	+0.113	+0.503	-0.059	+0.0000	-0.0000	+0.0007
352	_____	14	M4	+0.094	-0.639	-0.010	-0.0001	-0.0000	-0.0011
352	_____	15	M5	+0.163	-0.210	-0.037	+0.0000	-0.0000	-0.0003
352	_____	16	M6	+0.279	+0.114	-0.081	+0.0000	-0.0000	+0.0002
352	_____	17	M7	+0.213	-0.072	-0.094	+0.0000	-0.0000	-0.0001
352	_____	M+	A	+1.577	+1.766	+0.000	+0.0000	+0.0000	+0.0023
352	_____	M-	A	+0.000	-2.311	-0.597	-0.0005	-0.0000	-0.0034
353	_____	0	G	+1.106	-1.434	-0.428	+0.0004	-0.0000	-0.0012
353	_____	1	Q1	+0.179	+2.879	-0.087	+0.0001	-0.0000	+0.0025
353	_____	11	M1	+0.089	+1.684	-0.012	+0.0000	+0.0000	+0.0014
353	_____	12	M2	+0.342	-2.127	-0.081	+0.0001	-0.0000	-0.0025
353	_____	13	M3	+0.113	+0.787	-0.057	+0.0000	-0.0000	+0.0008
353	_____	14	M4	+0.091	-1.148	-0.009	+0.0002	+0.0000	-0.0015
353	_____	15	M5	+0.161	-0.300	-0.034	+0.0000	-0.0000	-0.0003
353	_____	16	M6	+0.280	+0.184	-0.079	+0.0000	-0.0000	+0.0002
353	_____	17	M7	+0.215	-0.109	-0.093	+0.0000	-0.0000	-0.0001
353	_____	M+	A	+1.572	+2.624	+0.000	+0.0006	+0.0000	+0.0023
353	_____	M-	A	+0.000	-3.561	-0.582	+0.0000	-0.0000	-0.0036
354	_____	0	G	+1.096	-1.444	-0.430	-0.0003	-0.0000	-0.0012
354	_____	1	Q1	+0.176	+2.855	-0.088	+0.0001	-0.0000	+0.0025
354	_____	11	M1	+0.089	+1.677	-0.012	+0.0000	-0.0000	+0.0014
354	_____	12	M2	+0.340	-2.116	-0.082	-0.0002	-0.0000	-0.0025
354	_____	13	M3	+0.112	+0.769	-0.058	+0.0000	-0.0000	+0.0008
354	_____	14	M4	+0.091	-1.128	-0.010	-0.0003	-0.0000	-0.0015
354	_____	15	M5	+0.160	-0.320	-0.035	+0.0000	-0.0000	-0.0003
354	_____	16	M6	+0.278	+0.174	-0.080	+0.0000	-0.0000	+0.0002
354	_____	17	M7	+0.213	-0.110	-0.093	+0.0000	-0.0000	-0.0001
354	_____	M+	A	+1.560	+2.585	+0.000	+0.0000	+0.0000	+0.0022
354	_____	M-	A	+0.000	-3.559	-0.584	-0.0006	-0.0000	-0.0037
355	_____	0	G	+1.094	-1.843	-0.423	+0.0004	-0.0000	-0.0011
355	_____	1	Q1	+0.175	+3.729	-0.086	+0.0001	-0.0000	+0.0023
355	_____	11	M1	+0.087	+2.169	-0.011	+0.0000	-0.0000	+0.0013
355	_____	12	M2	+0.339	-2.846	-0.081	+0.0002	-0.0000	-0.0014
355	_____	13	M3	+0.112	+1.063	-0.056	+0.0000	-0.0000	+0.0008
355	_____	14	M4	+0.087	-1.541	-0.010	+0.0002	+0.0000	-0.0009
355	_____	15	M5	+0.157	-0.399	-0.034	+0.0001	-0.0000	-0.0003
355	_____	16	M6	+0.279	+0.248	-0.078	+0.0000	-0.0000	+0.0002
355	_____	17	M7	+0.215	-0.148	-0.092	+0.0000	-0.0000	-0.0001
355	_____	M+	A	+1.555	+3.405	+0.000	+0.0007	+0.0000	+0.0021
355	_____	M-	A	+0.000	-4.689	-0.574	+0.0000	-0.0000	-0.0025
356	_____	0	G	+1.085	-1.878	-0.423	-0.0002	-0.0000	-0.0012
356	_____	1	Q1	+0.173	+3.696	-0.086	+0.0001	-0.0000	+0.0023
356	_____	11	M1	+0.087	+2.158	-0.011	+0.0000	-0.0000	+0.0013
356	_____	12	M2	+0.337	-2.837	-0.081	-0.0002	-0.0000	-0.0014
356	_____	13	M3	+0.111	+1.041	-0.056	+0.0000	-0.0000	+0.0008
356	_____	14	M4	+0.087	-1.522	-0.010	-0.0003	+0.0000	-0.0009
356	_____	15	M5	+0.156	-0.427	-0.034	+0.0001	-0.0000	-0.0003
356	_____	16	M6	+0.277	+0.236	-0.078	+0.0000	-0.0000	+0.0002
356	_____	17	M7	+0.213	-0.149	-0.092	+0.0000	-0.0000	-0.0001
356	_____	M+	A	+1.543	+3.329	+0.000	+0.0000	+0.0000	+0.0020
356	_____	M-	A	+0.000	-4.715	-0.574	-0.0006	-0.0000	-0.0026
357	_____	0	G	+1.082	-2.202	-0.417	+0.0005	-0.0000	-0.0009
357	_____	1	Q1	+0.172	+4.510	-0.084	+0.0001	-0.0000	+0.0021
357	_____	11	M1	+0.086	+2.607	-0.011	+0.0000	-0.0000	+0.0012
357	_____	12	M2	+0.336	-3.295	-0.080	+0.0001	-0.0000	-0.0015
357	_____	13	M3	+0.110	+1.344	-0.055	+0.0001	-0.0000	+0.0008
357	_____	14	M4	+0.084	-1.770	-0.010	+0.0002	+0.0000	-0.0002
357	_____	15	M5	+0.153	-0.489	-0.033	+0.0001	-0.0000	-0.0002
357	_____	16	M6	+0.278	+0.314	-0.077	+0.0000	-0.0000	+0.0002
357	_____	17	M7	+0.215	-0.187	-0.090	+0.0000	-0.0000	-0.0001
357	_____	M+	A	+1.538	+4.133	+0.000	+0.0007	+0.0000	+0.0020
357	_____	M-	A	+0.000	-5.497	-0.566	+0.0000	-0.0000	-0.0024
358	_____	0	G	+1.073	-2.265	-0.416	-0.0002	-0.0000	-0.0010
358	_____	1	Q1	+0.170	+4.466	-0.084	+0.0001	-0.0000	+0.0021
358	_____	11	M1	+0.085	+2.591	-0.011	+0.0000	-0.0000	+0.0011
358	_____	12	M2	+0.334	-3.289	-0.080	-0.0001	-0.0000	-0.0015

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
358		13	M3	+0.109	+1.317	-0.055	+0.0001	-0.0000	+0.0008
358		14	M4	+0.084	-1.752	-0.010	-0.0002	+0.0000	-0.0002
358		15	M5	+0.152	-0.526	-0.033	+0.0001	-0.0000	-0.0003
358		16	M6	+0.276	+0.299	-0.077	+0.0000	-0.0000	+0.0002
358		17	M7	+0.213	-0.189	-0.090	+0.0000	-0.0000	-0.0001
358		M+	A	+1.526	+4.015	+0.000	+0.0000	+0.0000	+0.0019
358		M-	A	+0.000	-5.554	-0.565	-0.0004	-0.0000	-0.0024
359		0	G	+1.070	-2.478	-0.410	+0.0005	-0.0000	-0.0007
359		1	Q1	+0.169	+5.216	-0.082	+0.0001	-0.0000	+0.0019
359		11	M1	+0.084	+2.994	-0.011	+0.0000	-0.0000	+0.0010
359		12	M2	+0.333	-3.918	-0.079	+0.0002	-0.0000	-0.0019
359		13	M3	+0.109	+1.626	-0.054	+0.0001	-0.0000	+0.0008
359		14	M4	+0.081	-1.900	-0.010	+0.0000	+0.0000	-0.0007
359		15	M5	+0.150	-0.563	-0.032	+0.0001	-0.0000	-0.0002
359		16	M6	+0.277	+0.380	-0.076	+0.0000	-0.0000	+0.0002
359		17	M7	+0.215	-0.226	-0.089	+0.0000	-0.0000	-0.0001
359		M+	A	+1.521	+4.834	+0.000	+0.0008	+0.0000	+0.0019
359		M-	A	+0.000	-6.396	-0.557	+0.0000	-0.0000	-0.0025
360		0	G	+1.061	-2.573	-0.410	-0.0001	-0.0000	-0.0008
360		1	Q1	+0.167	+5.161	-0.082	+0.0001	-0.0000	+0.0019
360		11	M1	+0.083	+2.973	-0.011	+0.0000	-0.0000	+0.0010
360		12	M2	+0.331	-3.915	-0.079	-0.0002	-0.0000	-0.0019
360		13	M3	+0.108	+1.594	-0.054	+0.0001	-0.0000	+0.0008
360		14	M4	+0.080	-1.885	-0.010	-0.0001	+0.0000	-0.0007
360		15	M5	+0.149	-0.611	-0.032	+0.0001	-0.0000	-0.0002
360		16	M6	+0.276	+0.361	-0.076	+0.0000	-0.0000	+0.0002
360		17	M7	+0.213	-0.228	-0.089	+0.0000	-0.0000	-0.0001
360		M+	A	+1.509	+4.669	+0.000	+0.0001	+0.0000	+0.0018
360		M-	A	+0.000	-6.487	-0.556	-0.0003	-0.0000	-0.0026
361		0	G	+1.058	-2.681	-0.404	+0.0006	-0.0000	-0.0005
361		1	Q1	+0.166	+5.856	-0.081	+0.0001	-0.0000	+0.0017
361		11	M1	+0.082	+3.336	-0.011	+0.0001	-0.0000	+0.0009
361		12	M2	+0.330	-4.406	-0.078	+0.0003	-0.0000	-0.0011
361		13	M3	+0.108	+1.907	-0.053	+0.0001	-0.0000	+0.0008
361		14	M4	+0.077	-2.257	-0.010	+0.0002	-0.0000	-0.0010
361		15	M5	+0.146	-0.641	-0.031	+0.0001	-0.0000	-0.0003
361		16	M6	+0.276	+0.445	-0.074	+0.0000	-0.0000	+0.0002
361		17	M7	+0.215	-0.264	-0.088	+0.0000	-0.0000	-0.0001
361		M+	A	+1.504	+5.510	+0.000	+0.0010	+0.0000	+0.0019
361		M-	A	+0.000	-7.087	-0.548	+0.0000	-0.0000	-0.0016
362		0	G	+1.049	-2.810	-0.403	-0.0000	-0.0000	-0.0006
362		1	Q1	+0.164	+5.789	-0.081	+0.0002	-0.0000	+0.0017
362		11	M1	+0.081	+3.309	-0.010	+0.0001	-0.0000	+0.0009
362		12	M2	+0.328	-4.407	-0.078	-0.0003	-0.0000	-0.0011
362		13	M3	+0.106	+1.869	-0.053	+0.0001	-0.0000	+0.0008
362		14	M4	+0.077	-2.245	-0.010	-0.0002	-0.0000	-0.0010
362		15	M5	+0.145	-0.700	-0.031	+0.0001	-0.0000	-0.0003
362		16	M6	+0.275	+0.423	-0.074	+0.0000	-0.0000	+0.0002
362		17	M7	+0.213	-0.267	-0.088	+0.0000	-0.0000	-0.0001
362		M+	A	+1.491	+5.295	+0.000	+0.0002	+0.0000	+0.0017
362		M-	A	+0.000	-7.217	-0.547	-0.0003	-0.0000	-0.0017
363		0	G	+1.046	-2.839	-0.397	+0.0007	-0.0000	-0.0004
363		1	Q1	+0.162	+6.437	-0.079	+0.0002	-0.0000	+0.0015
363		11	M1	+0.080	+3.639	-0.010	+0.0001	-0.0000	+0.0008
363		12	M2	+0.327	-4.702	-0.076	+0.0002	-0.0000	-0.0004
363		13	M3	+0.106	+2.184	-0.052	+0.0001	-0.0000	+0.0008
363		14	M4	+0.074	-2.488	-0.010	+0.0002	-0.0000	-0.0006
363		15	M5	+0.142	-0.811	-0.031	+0.0003	-0.0000	-0.0007
363		16	M6	+0.275	+0.510	-0.073	+0.0001	-0.0000	+0.0002
363		17	M7	+0.215	-0.303	-0.086	+0.0000	-0.0000	-0.0001
363		M+	A	+1.486	+6.146	+0.000	+0.0011	+0.0000	+0.0017
363		M-	A	+0.000	-7.540	-0.538	+0.0000	-0.0000	-0.0011
364		0	G	+1.037	-3.005	-0.397	+0.0000	-0.0000	-0.0005
364		1	Q1	+0.160	+6.356	-0.079	+0.0002	-0.0000	+0.0015
364		11	M1	+0.080	+3.607	-0.010	+0.0001	-0.0000	+0.0008
364		12	M2	+0.325	-4.706	-0.076	-0.0002	-0.0000	-0.0004
364		13	M3	+0.105	+2.141	-0.052	+0.0001	-0.0000	+0.0008
364		14	M4	+0.074	-2.479	-0.010	-0.0003	-0.0000	-0.0006
364		15	M5	+0.141	-0.883	-0.030	+0.0000	-0.0000	-0.0007
364		16	M6	+0.274	+0.484	-0.073	+0.0001	-0.0000	+0.0002
364		17	M7	+0.213	-0.306	-0.086	+0.0000	-0.0000	-0.0001
364		M+	A	+1.474	+5.876	+0.000	+0.0003	+0.0000	+0.0015
364		M-	A	+0.000	-7.711	-0.538	-0.0002	-0.0000	-0.0012
365		0	G	+1.034	-2.948	-0.390	+0.0008	-0.0000	-0.0002
365		1	Q1	+0.159	+6.930	-0.078	+0.0002	-0.0000	+0.0012
365		11	M1	+0.078	+3.889	-0.010	+0.0001	-0.0000	+0.0006
365		12	M2	+0.324	-4.849	-0.075	+0.0001	-0.0000	-0.0007
365		13	M3	+0.104	+2.444	-0.051	+0.0001	-0.0000	+0.0007
365		14	M4	+0.070	-2.665	-0.010	+0.0003	-0.0000	-0.0002
365		15	M5	+0.138	-0.951	-0.030	+0.0004	-0.0000	+0.0002
365		16	M6	+0.275	+0.570	-0.072	+0.0001	-0.0000	+0.0002
365		17	M7	+0.215	-0.339	-0.085	+0.0000	-0.0000	-0.0001
365		M+	A	+1.469	+6.703	+0.000	+0.0013	+0.0000	+0.0015
365		M-	A	+0.000	-7.797	-0.529	+0.0000	-0.0000	-0.0009
366		0	G	+1.025	-3.154	-0.390	+0.0001	-0.0000	-0.0003
366		1	Q1	+0.157	+6.836	-0.078	+0.0002	-0.0000	+0.0012
366		11	M1	+0.078	+3.850	-0.010	+0.0001	-0.0000	+0.0006
366		12	M2	+0.322	-4.857	-0.075	-0.0001	-0.0000	-0.0007
366		13	M3	+0.103	+2.395	-0.051	+0.0001	-0.0000	+0.0007
366		14	M4	+0.070	-2.658	-0.010	-0.0003	-0.0000	-0.0003
366		15	M5	+0.137	-1.036	-0.030	-0.0000	-0.0000	+0.0001
366		16	M6	+0.273	+0.541	-0.072	+0.0001	-0.0000	+0.0001
366		17	M7	+0.213	-0.343	-0.085	+0.0000	-0.0000	-0.0001
366		M+	A	+1.457	+6.377	+0.000	+0.0004	+0.0000	+0.0013
366		M-	A	+0.000	-8.011	-0.529	-0.0002	-0.0000	-0.0010
367		0	G	+1.022	-2.975	-0.382	+0.0009	-0.0000	+0.0001
367		1	Q1	+0.155	+7.257	-0.077	+0.0002	-0.0000	+0.0006
367		11	M1	+0.076	+4.043	-0.010	+0.0001	-0.0000	+0.0003
367		12	M2	+0.321	-5.142	-0.074	+0.0002	-0.0000	-0.0007
367		13	M3	+0.103	+2.652	-0.050	+0.0001	-0.0000	+0.0005
367		14	M4	+0.067	-2.634	-0.009	+0.0002	-0.0000	+0.0003

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
367	_____	15	M5	+0.135	-0.825	-0.029	+0.0003	-0.0000	+0.0002
367	_____	16	M6	+0.274	+0.618	-0.071	+0.0001	-0.0000	+0.0001
367	_____	17	M7	+0.215	-0.367	-0.083	+0.0000	-0.0000	-0.0001
367	_____	M+	A	+1.452	+7.113	+0.000	+0.0013	+0.0000	+0.0010
367	_____	M-	A	+0.000	-8.117	-0.519	+0.0000	-0.0000	-0.0006
368	_____	0	G	+1.013	-3.219	-0.382	+0.0002	-0.0000	-0.0000
368	_____	1	Q1	+0.153	+7.150	-0.076	+0.0002	-0.0000	+0.0006
368	_____	11	M1	+0.076	+3.998	-0.010	+0.0001	-0.0000	+0.0002
368	_____	12	M2	+0.319	-5.155	-0.073	-0.0002	-0.0000	-0.0007
368	_____	13	M3	+0.102	+2.597	-0.050	+0.0001	-0.0000	+0.0005
368	_____	14	M4	+0.067	-2.632	-0.009	-0.0002	-0.0000	+0.0003
368	_____	15	M5	+0.134	-0.923	-0.029	+0.0001	-0.0000	+0.0002
368	_____	16	M6	+0.272	+0.586	-0.071	+0.0001	-0.0000	+0.0001
368	_____	17	M7	+0.214	-0.371	-0.083	+0.0000	-0.0000	-0.0001
368	_____	M+	A	+1.440	+6.730	+0.000	+0.0005	+0.0000	+0.0009
368	_____	M-	A	+0.000	-8.373	-0.519	+0.0000	-0.0000	-0.0008
369	_____	0	G	+1.010	-2.901	-0.375	+0.0009	-0.0000	+0.0003
369	_____	1	Q1	+0.152	+7.349	-0.075	+0.0003	-0.0000	-0.0001
369	_____	11	M1	+0.075	+4.068	-0.010	+0.0001	-0.0000	-0.0001
369	_____	12	M2	+0.318	-5.175	-0.072	+0.0003	-0.0000	+0.0003
369	_____	13	M3	+0.101	+2.770	-0.050	+0.0001	-0.0000	+0.0002
369	_____	14	M4	+0.064	-2.650	-0.009	+0.0002	-0.0000	-0.0002
369	_____	15	M5	+0.131	-0.905	-0.029	+0.0004	-0.0000	-0.0005
369	_____	16	M6	+0.273	+0.645	-0.069	+0.0001	-0.0000	+0.0000
369	_____	17	M7	+0.215	-0.383	-0.082	+0.0000	-0.0000	-0.0000
369	_____	M+	A	+1.434	+7.296	+0.000	+0.0016	+0.0000	+0.0006
369	_____	M-	A	+0.000	-8.076	-0.510	+0.0000	-0.0000	-0.0002
370	_____	0	G	+1.001	-3.181	-0.375	+0.0003	-0.0000	+0.0002
370	_____	1	Q1	+0.150	+7.230	-0.075	+0.0003	-0.0000	-0.0001
370	_____	11	M1	+0.074	+4.017	-0.010	+0.0001	-0.0000	-0.0001
370	_____	12	M2	+0.317	-5.192	-0.072	-0.0002	-0.0000	+0.0003
370	_____	13	M3	+0.100	+2.710	-0.050	+0.0001	-0.0000	+0.0002
370	_____	14	M4	+0.063	-2.651	-0.009	-0.0002	-0.0000	-0.0002
370	_____	15	M5	+0.130	-1.016	-0.029	+0.0000	-0.0000	-0.0005
370	_____	16	M6	+0.271	+0.611	-0.069	+0.0001	-0.0000	+0.0000
370	_____	17	M7	+0.214	-0.387	-0.082	+0.0000	-0.0000	-0.0000
370	_____	M+	A	+1.423	+6.861	+0.000	+0.0007	+0.0000	+0.0005
370	_____	M-	A	+0.000	-8.372	-0.509	+0.0000	-0.0000	-0.0004
371	_____	0	G	+0.998	-2.762	-0.367	+0.0010	-0.0000	+0.0004
371	_____	1	Q1	+0.148	+7.205	-0.074	+0.0003	-0.0000	-0.0007
371	_____	11	M1	+0.073	+3.967	-0.009	+0.0001	-0.0000	-0.0004
371	_____	12	M2	+0.315	-4.914	-0.071	+0.0003	-0.0000	+0.0013
371	_____	13	M3	+0.100	+2.788	-0.049	+0.0001	-0.0000	-0.0001
371	_____	14	M4	+0.060	-2.532	-0.008	+0.0003	-0.0000	+0.0009
371	_____	15	M5	+0.127	-0.937	-0.028	+0.0006	-0.0000	+0.0002
371	_____	16	M6	+0.272	+0.647	-0.068	+0.0001	-0.0000	-0.0000
371	_____	17	M7	+0.215	-0.385	-0.081	+0.0000	-0.0000	+0.0000
371	_____	M+	A	+1.417	+7.220	+0.000	+0.0018	+0.0000	+0.0017
371	_____	M-	A	+0.000	-7.676	-0.499	+0.0000	-0.0000	-0.0006
372	_____	0	G	+0.989	-3.072	-0.368	+0.0004	-0.0000	+0.0004
372	_____	1	Q1	+0.146	+7.075	-0.074	+0.0003	-0.0000	-0.0007
372	_____	11	M1	+0.072	+3.910	-0.009	+0.0001	-0.0000	-0.0005
372	_____	12	M2	+0.314	-4.934	-0.071	-0.0002	-0.0000	+0.0013
372	_____	13	M3	+0.098	+2.724	-0.049	+0.0001	-0.0000	-0.0001
372	_____	14	M4	+0.060	-2.538	-0.008	-0.0002	-0.0000	+0.0008
372	_____	15	M5	+0.126	-1.059	-0.028	-0.0000	-0.0000	+0.0001
372	_____	16	M6	+0.271	+0.613	-0.068	+0.0001	-0.0000	-0.0000
372	_____	17	M7	+0.214	-0.389	-0.081	+0.0000	-0.0000	+0.0000
372	_____	M+	A	+1.405	+6.741	+0.000	+0.0007	+0.0000	+0.0016
372	_____	M-	A	+0.000	-8.006	-0.500	+0.0000	-0.0000	-0.0007
373	_____	0	G	+0.985	-2.605	-0.359	+0.0011	-0.0000	+0.0005
373	_____	1	Q1	+0.145	+6.859	-0.072	+0.0003	-0.0000	-0.0012
373	_____	11	M1	+0.071	+3.761	-0.009	+0.0001	-0.0000	-0.0007
373	_____	12	M2	+0.312	-4.487	-0.069	+0.0001	-0.0000	+0.0009
373	_____	13	M3	+0.098	+2.713	-0.048	+0.0001	-0.0000	-0.0003
373	_____	14	M4	+0.057	-2.156	-0.008	+0.0001	-0.0000	+0.0010
373	_____	15	M5	+0.123	-0.836	-0.027	+0.0005	-0.0000	+0.0006
373	_____	16	M6	+0.271	+0.628	-0.067	+0.0001	-0.0000	-0.0001
373	_____	17	M7	+0.215	-0.374	-0.079	+0.0000	-0.0000	+0.0000
373	_____	M+	A	+1.399	+6.887	+0.000	+0.0018	+0.0000	+0.0015
373	_____	M-	A	+0.000	-7.092	-0.488	+0.0000	-0.0000	-0.0013
374	_____	0	G	+0.977	-2.939	-0.360	+0.0004	-0.0000	+0.0004
374	_____	1	Q1	+0.143	+6.722	-0.072	+0.0003	-0.0000	-0.0012
374	_____	11	M1	+0.070	+3.700	-0.009	+0.0001	-0.0000	-0.0007
374	_____	12	M2	+0.311	-4.510	-0.069	-0.0000	-0.0000	+0.0009
374	_____	13	M3	+0.097	+2.645	-0.048	+0.0002	-0.0000	-0.0003
374	_____	14	M4	+0.057	-2.165	-0.008	-0.0000	-0.0000	+0.0010
374	_____	15	M5	+0.122	-0.968	-0.027	+0.0001	-0.0000	+0.0006
374	_____	16	M6	+0.270	+0.594	-0.067	+0.0001	-0.0000	-0.0001
374	_____	17	M7	+0.214	-0.377	-0.079	+0.0000	-0.0000	+0.0001
374	_____	M+	A	+1.388	+6.373	+0.000	+0.0008	+0.0000	+0.0014
374	_____	M-	A	+0.000	-7.449	-0.489	+0.0000	-0.0000	-0.0014
375	_____	0	G	+0.973	-2.434	-0.350	+0.0011	-0.0000	+0.0005
375	_____	1	Q1	+0.141	+6.332	-0.069	+0.0003	-0.0000	-0.0018
375	_____	11	M1	+0.069	+3.461	-0.008	+0.0001	-0.0000	-0.0010
375	_____	12	M2	+0.310	-4.215	-0.068	+0.0003	-0.0000	+0.0010
375	_____	13	M3	+0.096	+2.549	-0.046	+0.0002	-0.0000	-0.0006
375	_____	14	M4	+0.054	-1.860	-0.008	+0.0000	-0.0000	+0.0007
375	_____	15	M5	+0.119	-0.643	-0.025	+0.0004	-0.0000	+0.0002
375	_____	16	M6	+0.270	+0.588	-0.066	+0.0001	-0.0000	-0.0001
375	_____	17	M7	+0.215	-0.350	-0.078	+0.0000	-0.0000	+0.0001
375	_____	M+	A	+1.382	+6.320	+0.000	+0.0017	+0.0000	+0.0015
375	_____	M-	A	+0.000	-6.649	-0.476	+0.0000	-0.0000	-0.0019
376	_____	0	G	+0.965	-2.788	-0.351	+0.0005	-0.0000	+0.0005
376	_____	1	Q1	+0.139	+6.189	-0.070	+0.0003	-0.0000	-0.0018
376	_____	11	M1	+0.068	+3.396	-0.008	+0.0001	-0.0000	-0.0010
376	_____	12	M2	+0.308	-4.239	-0.068	-0.0002	-0.0000	+0.0010
376	_____	13	M3	+0.095	+2.479	-0.046	+0.0002	-0.0000	-0.0006
376	_____	14	M4	+0.053	-1.872	-0.008	+0.0000	-0.0000	+0.0007
376	_____	15	M5	+0.118	-0.783	-0.026	+0.0002	-0.0000	+0.0002
376	_____	16	M6	+0.269	+0.555	-0.066	+0.0001	-0.0000	-0.0001

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
376	_____	17	M7	+0.214	-0.352	-0.078	+0.0000	-0.0000	+0.0001
376	_____	M+	A	+1.370	+5.778	+0.000	+0.0009	+0.0000	+0.0015
376	_____	M-	A	+0.000	-7.027	-0.478	+0.0000	-0.0000	-0.0020
377	_____	0	G	+0.961	-2.226	-0.341	+0.0011	-0.0000	+0.0007
377	_____	1	Q1	+0.137	+5.609	-0.067	+0.0003	-0.0000	-0.0023
377	_____	11	M1	+0.067	+3.060	-0.007	+0.0002	-0.0000	-0.0013
377	_____	12	M2	+0.307	-3.619	-0.066	+0.0002	-0.0000	+0.0022
377	_____	13	M3	+0.094	+2.290	-0.045	+0.0002	-0.0000	-0.0009
377	_____	14	M4	+0.050	-1.601	-0.007	+0.0000	-0.0000	+0.0008
377	_____	15	M5	+0.115	-0.722	-0.024	+0.0005	-0.0000	-0.0005
377	_____	16	M6	+0.269	+0.527	-0.064	+0.0001	-0.0000	-0.0002
377	_____	17	M7	+0.215	-0.314	-0.077	+0.0000	-0.0000	+0.0001
377	_____	M+	A	+1.364	+5.525	+0.000	+0.0019	+0.0000	+0.0028
377	_____	M-	A	+0.000	-5.845	-0.464	+0.0000	-0.0000	-0.0026
378	_____	0	G	+0.953	-2.592	-0.342	+0.0005	-0.0000	+0.0006
378	_____	1	Q1	+0.136	+5.462	-0.067	+0.0003	-0.0000	-0.0023
378	_____	11	M1	+0.066	+2.993	-0.007	+0.0001	-0.0000	-0.0013
378	_____	12	M2	+0.305	-3.644	-0.066	-0.0001	-0.0000	+0.0022
378	_____	13	M3	+0.093	+2.219	-0.045	+0.0002	-0.0000	-0.0009
378	_____	14	M4	+0.050	-1.617	-0.007	+0.0000	-0.0000	+0.0008
378	_____	15	M5	+0.114	-0.868	-0.024	+0.0001	-0.0000	-0.0005
378	_____	16	M6	+0.268	+0.495	-0.064	+0.0001	-0.0000	-0.0002
378	_____	17	M7	+0.214	-0.315	-0.077	+0.0000	-0.0000	+0.0001
378	_____	M+	A	+1.353	+4.965	+0.000	+0.0009	+0.0000	+0.0028
378	_____	M-	A	+0.000	-6.236	-0.465	+0.0000	-0.0000	-0.0026
379	_____	0	G	+0.949	-1.964	-0.331	+0.0012	-0.0000	+0.0008
379	_____	1	Q1	+0.134	+4.685	-0.064	+0.0003	-0.0000	-0.0029
379	_____	11	M1	+0.065	+2.555	-0.006	+0.0002	-0.0000	-0.0016
379	_____	12	M2	+0.304	-2.886	-0.065	+0.0001	-0.0000	+0.0020
379	_____	13	M3	+0.093	+1.933	-0.043	+0.0002	-0.0000	-0.0011
379	_____	14	M4	+0.047	-1.311	-0.007	+0.0000	-0.0000	+0.0009
379	_____	15	M5	+0.111	-0.735	-0.022	+0.0006	-0.0000	+0.0002
379	_____	16	M6	+0.268	+0.442	-0.063	+0.0001	-0.0000	-0.0003
379	_____	17	M7	+0.216	-0.264	-0.075	-0.0000	-0.0000	+0.0002
379	_____	M+	A	+1.346	+4.510	+0.000	+0.0020	+0.0000	+0.0028
379	_____	M-	A	+0.000	-4.850	-0.451	+0.0000	-0.0000	-0.0031
380	_____	0	G	+0.940	-2.336	-0.332	+0.0005	-0.0000	+0.0008
380	_____	1	Q1	+0.132	+4.536	-0.064	+0.0003	-0.0000	-0.0029
380	_____	11	M1	+0.064	+2.486	-0.007	+0.0002	-0.0000	-0.0016
380	_____	12	M2	+0.302	-2.912	-0.065	+0.0001	-0.0000	+0.0020
380	_____	13	M3	+0.092	+1.861	-0.043	+0.0002	-0.0000	-0.0011
380	_____	14	M4	+0.047	-1.329	-0.007	+0.0000	+0.0000	+0.0009
380	_____	15	M5	+0.110	-0.886	-0.022	+0.0001	-0.0000	+0.0002
380	_____	16	M6	+0.267	+0.414	-0.063	+0.0001	-0.0000	-0.0003
380	_____	17	M7	+0.214	-0.263	-0.075	-0.0000	-0.0000	+0.0002
380	_____	M+	A	+1.335	+3.941	+0.000	+0.0009	+0.0000	+0.0028
380	_____	M-	A	+0.000	-5.248	-0.452	+0.0000	-0.0000	-0.0031
381	_____	0	G	+0.936	-1.658	-0.323	+0.0011	-0.0000	+0.0009
381	_____	1	Q1	+0.130	+3.596	-0.062	+0.0003	-0.0000	-0.0033
381	_____	11	M1	+0.063	+1.964	-0.006	+0.0002	-0.0000	-0.0018
381	_____	12	M2	+0.301	-2.189	-0.064	+0.0000	-0.0000	+0.0020
381	_____	13	M3	+0.091	+1.494	-0.042	+0.0002	-0.0000	-0.0013
381	_____	14	M4	+0.044	-0.993	-0.007	+0.0000	-0.0000	+0.0009
381	_____	15	M5	+0.107	-0.598	-0.020	+0.0006	-0.0000	+0.0008
381	_____	16	M6	+0.267	+0.340	-0.062	+0.0001	-0.0000	-0.0003
381	_____	17	M7	+0.216	-0.203	-0.074	-0.0000	-0.0000	+0.0002
381	_____	M+	A	+1.328	+3.312	+0.000	+0.0019	+0.0000	+0.0029
381	_____	M-	A	+0.000	-3.847	-0.440	+0.0000	-0.0000	-0.0036
382	_____	0	G	+0.928	-2.032	-0.322	+0.0005	-0.0000	+0.0009
382	_____	1	Q1	+0.128	+3.446	-0.061	+0.0003	-0.0000	-0.0033
382	_____	11	M1	+0.062	+1.894	-0.005	+0.0002	-0.0000	-0.0018
382	_____	12	M2	+0.300	-2.215	-0.064	+0.0001	-0.0000	+0.0020
382	_____	13	M3	+0.090	+1.422	-0.041	+0.0002	-0.0000	-0.0013
382	_____	14	M4	+0.043	-1.014	-0.007	+0.0000	+0.0000	+0.0009
382	_____	15	M5	+0.106	-0.753	-0.020	+0.0001	-0.0000	+0.0007
382	_____	16	M6	+0.266	+0.315	-0.061	+0.0001	-0.0000	-0.0003
382	_____	17	M7	+0.214	-0.201	-0.074	-0.0000	-0.0000	+0.0002
382	_____	M+	A	+1.318	+2.740	+0.000	+0.0010	+0.0000	+0.0029
382	_____	M-	A	+0.000	-4.247	-0.439	+0.0000	-0.0000	-0.0036
383	_____	0	G	+0.924	-1.373	-0.316	+0.0011	-0.0000	+0.0006
383	_____	1	Q1	+0.126	+2.372	-0.061	+0.0003	-0.0000	-0.0037
383	_____	11	M1	+0.061	+1.301	-0.006	+0.0002	+0.0000	-0.0020
383	_____	12	M2	+0.298	-1.472	-0.063	+0.0001	-0.0000	+0.0020
383	_____	13	M3	+0.089	+0.988	-0.041	+0.0002	-0.0000	-0.0015
383	_____	14	M4	+0.040	-0.669	-0.006	+0.0001	-0.0000	+0.0009
383	_____	15	M5	+0.103	-0.392	-0.019	+0.0004	-0.0000	+0.0001
383	_____	16	M6	+0.266	+0.224	-0.061	+0.0000	-0.0000	-0.0003
383	_____	17	M7	+0.216	-0.134	-0.073	-0.0000	-0.0000	+0.0002
383	_____	M+	A	+1.310	+1.910	+0.000	+0.0018	+0.0000	+0.0026
383	_____	M-	A	+0.000	-2.845	-0.432	+0.0000	-0.0000	-0.0045
384	_____	0	G	+0.916	-1.739	-0.311	+0.0005	-0.0000	+0.0007
384	_____	1	Q1	+0.125	+2.226	-0.057	+0.0003	-0.0000	-0.0036
384	_____	11	M1	+0.060	+1.232	-0.004	+0.0002	-0.0000	-0.0020
384	_____	12	M2	+0.297	-1.497	-0.063	+0.0001	-0.0000	+0.0020
384	_____	13	M3	+0.088	+0.917	-0.039	+0.0002	-0.0000	-0.0015
384	_____	14	M4	+0.040	-0.692	-0.008	+0.0001	+0.0000	+0.0009
384	_____	15	M5	+0.102	-0.547	-0.017	+0.0003	-0.0000	+0.0002
384	_____	16	M6	+0.265	+0.203	-0.059	+0.0000	-0.0000	-0.0003
384	_____	17	M7	+0.214	-0.130	-0.072	-0.0000	-0.0000	+0.0002
384	_____	M+	A	+1.300	+1.349	+0.000	+0.0010	+0.0000	+0.0028
384	_____	M-	A	+0.000	-3.236	-0.424	+0.0000	-0.0000	-0.0043
385	_____	0	G	+0.911	-1.291	-0.312	+0.0013	-0.0000	-0.0001
385	_____	1	Q1	+0.122	+0.972	-0.060	+0.0004	-0.0000	-0.0042
385	_____	11	M1	+0.059	+0.554	-0.006	+0.0002	+0.0000	-0.0022
385	_____	12	M2	+0.295	-0.760	-0.062	+0.0001	-0.0000	+0.0020
385	_____	13	M3	+0.087	+0.398	-0.041	+0.0002	-0.0000	-0.0018
385	_____	14	M4	+0.037	-0.368	-0.006	+0.0001	+0.0000	+0.0008
385	_____	15	M5	+0.099	-0.529	-0.019	+0.0006	+0.0000	-0.0006
385	_____	16	M6	+0.266	+0.092	-0.061	+0.0000	-0.0000	-0.0004
385	_____	17	M7	+0.216	-0.056	-0.072	-0.0000	-0.0000	+0.0002
385	_____	M+	A	+1.292	+0.070	+0.000	+0.0021	+0.0000	+0.0018

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
385	_____	M-	A	+0.000	-2.051	-0.426	+0.0000	-0.0000	-0.0059
386	_____	0	G	+0.904	-1.667	-0.300	+0.0004	-0.0000	-0.0007
386	_____	1	Q1	+0.121	+0.822	-0.053	+0.0003	-0.0000	-0.0044
386	_____	11	M1	+0.058	+0.482	-0.002	+0.0001	-0.0000	-0.0023
386	_____	12	M2	+0.294	-0.785	-0.061	+0.0000	-0.0000	+0.0019
386	_____	13	M3	+0.086	+0.326	-0.037	+0.0001	-0.0000	-0.0019
386	_____	14	M4	+0.037	-0.394	-0.008	+0.0000	-0.0000	+0.0007
386	_____	15	M5	+0.099	-0.692	-0.014	+0.0001	-0.0000	-0.0009
386	_____	16	M6	+0.264	+0.075	-0.057	+0.0000	-0.0000	-0.0004
386	_____	17	M7	+0.214	-0.050	-0.071	-0.0000	-0.0000	+0.0003
386	_____	M+	A	+1.282	+0.000	+0.000	+0.0007	+0.0000	+0.0013
386	_____	M-	A	+0.000	-2.452	-0.408	+0.0000	-0.0000	-0.0067
387	_____	0	G	+0.899	-1.382	-0.306	+0.0019	-0.0000	-0.0002
387	_____	1	Q1	+0.118	-0.546	-0.058	+0.0007	-0.0000	-0.0041
387	_____	11	M1	+0.057	-0.237	-0.005	+0.0003	-0.0000	-0.0021
387	_____	12	M2	+0.292	-0.081	-0.061	+0.0001	-0.0000	+0.0019
387	_____	13	M3	+0.085	-0.235	-0.039	+0.0003	-0.0000	-0.0017
387	_____	14	M4	+0.034	-0.090	-0.007	+0.0001	+0.0000	+0.0008
387	_____	15	M5	+0.095	-0.650	-0.018	+0.0009	-0.0000	-0.0003
387	_____	16	M6	+0.265	-0.048	-0.058	+0.0001	-0.0000	-0.0004
387	_____	17	M7	+0.216	+0.025	-0.070	-0.0000	-0.0000	+0.0002
387	_____	M+	A	+1.274	+0.000	+0.000	+0.0032	+0.0000	+0.0017
387	_____	M-	A	+0.000	-2.414	-0.416	+0.0000	-0.0001	-0.0058
388	_____	0	G	+0.892	-1.992	-0.293	+0.0007	-0.0000	-0.0002
388	_____	1	Q1	+0.117	-0.790	-0.053	+0.0003	+0.0000	-0.0041
388	_____	11	M1	+0.056	-0.357	-0.003	+0.0002	+0.0000	-0.0021
388	_____	12	M2	+0.291	-0.120	-0.060	+0.0001	-0.0000	+0.0019
388	_____	13	M3	+0.085	-0.352	-0.037	+0.0002	+0.0000	-0.0017
388	_____	14	M4	+0.034	-0.137	-0.006	+0.0001	-0.0000	+0.0008
388	_____	15	M5	+0.095	-0.921	-0.013	+0.0002	+0.0000	-0.0003
388	_____	16	M6	+0.263	-0.068	-0.058	+0.0000	+0.0000	-0.0004
388	_____	17	M7	+0.214	+0.040	-0.070	-0.0000	+0.0000	+0.0002
388	_____	M+	A	+1.265	+0.000	+0.000	+0.0011	+0.0000	+0.0017
388	_____	M-	A	+0.000	-3.467	-0.401	+0.0000	-0.0000	-0.0058
389	_____	0	G	+0.884	-1.442	-0.297	+0.0012	-0.0000	-0.0003
389	_____	1	Q1	+0.112	-2.076	-0.054	+0.0006	-0.0000	-0.0044
389	_____	11	M1	+0.053	-1.039	-0.004	+0.0002	-0.0000	-0.0025
389	_____	12	M2	+0.290	+0.615	-0.060	+0.0001	-0.0000	+0.0020
389	_____	13	M3	+0.082	-0.811	-0.037	+0.0002	-0.0000	-0.0017
389	_____	14	M4	+0.033	+0.211	-0.008	+0.0001	-0.0000	+0.0008
389	_____	15	M5	+0.091	-0.770	-0.017	+0.0006	-0.0000	-0.0001
389	_____	16	M6	+0.261	-0.171	-0.055	+0.0000	-0.0000	-0.0003
389	_____	17	M7	+0.215	+0.100	-0.068	-0.0000	-0.0000	+0.0002
389	_____	M+	A	+1.252	+0.000	+0.000	+0.0023	+0.0000	+0.0016
389	_____	M-	A	+0.000	-4.245	-0.404	+0.0000	-0.0000	-0.0065
390	_____	0	G	+0.877	-1.804	-0.292	+0.0004	-0.0000	+0.0003
390	_____	1	Q1	+0.111	-2.221	-0.055	+0.0000	+0.0000	-0.0041
390	_____	11	M1	+0.053	-1.111	-0.004	+0.0001	+0.0000	-0.0024
390	_____	12	M2	+0.288	+0.593	-0.059	+0.0000	-0.0000	+0.0020
390	_____	13	M3	+0.081	-0.879	-0.038	+0.0001	+0.0000	-0.0015
390	_____	14	M4	+0.032	+0.181	-0.005	+0.0001	+0.0000	+0.0009
390	_____	15	M5	+0.090	-0.935	-0.014	+0.0001	+0.0000	+0.0002
390	_____	16	M6	+0.260	-0.179	-0.059	+0.0000	-0.0000	-0.0003
390	_____	17	M7	+0.213	+0.110	-0.070	-0.0000	-0.0000	+0.0002
390	_____	M+	A	+1.243	+0.000	+0.000	+0.0005	+0.0000	+0.0023
390	_____	M-	A	+0.000	-4.803	-0.400	+0.0000	-0.0000	-0.0055
391	_____	0	G	+0.869	-1.679	-0.291	+0.0011	-0.0000	-0.0010
391	_____	1	Q1	+0.105	-3.627	-0.054	+0.0006	+0.0000	-0.0044
391	_____	11	M1	+0.049	-2.017	-0.004	+0.0004	+0.0000	-0.0027
391	_____	12	M2	+0.287	+1.299	-0.058	+0.0000	-0.0000	+0.0019
391	_____	13	M3	+0.078	-1.450	-0.037	+0.0001	-0.0000	-0.0019
391	_____	14	M4	+0.032	+0.498	-0.007	+0.0001	-0.0000	+0.0008
391	_____	15	M5	+0.086	-0.879	-0.016	+0.0004	-0.0000	-0.0008
391	_____	16	M6	+0.257	-0.305	-0.055	+0.0000	+0.0000	-0.0004
391	_____	17	M7	+0.214	+0.179	-0.067	-0.0000	-0.0000	+0.0002
391	_____	M+	A	+1.230	+0.000	+0.000	+0.0020	+0.0000	+0.0009
391	_____	M-	A	+0.000	-6.718	-0.396	+0.0000	-0.0000	-0.0072
392	_____	0	G	+0.862	-2.018	-0.291	+0.0004	-0.0000	-0.0011
392	_____	1	Q1	+0.104	-3.763	-0.055	+0.0000	+0.0000	-0.0044
392	_____	11	M1	+0.049	-2.086	-0.005	-0.0001	+0.0000	-0.0027
392	_____	12	M2	+0.286	+1.279	-0.058	+0.0000	-0.0000	+0.0019
392	_____	13	M3	+0.077	-1.514	-0.037	+0.0002	-0.0000	-0.0019
392	_____	14	M4	+0.031	+0.467	-0.006	+0.0001	+0.0000	+0.0007
392	_____	15	M5	+0.086	-1.039	-0.015	+0.0003	+0.0000	-0.0009
392	_____	16	M6	+0.256	-0.307	-0.057	+0.0000	-0.0000	-0.0004
392	_____	17	M7	+0.213	+0.192	-0.068	-0.0000	-0.0000	+0.0002
392	_____	M+	A	+1.221	+0.000	+0.000	+0.0007	+0.0000	+0.0008
392	_____	M-	A	+0.000	-7.241	-0.397	+0.0000	-0.0000	-0.0074
393	_____	0	G	+0.854	-2.117	-0.288	+0.0011	-0.0000	-0.0013
393	_____	1	Q1	+0.099	-5.185	-0.054	+0.0006	+0.0000	-0.0043
393	_____	11	M1	+0.046	-2.783	-0.005	+0.0003	+0.0000	-0.0019
393	_____	12	M2	+0.285	+1.949	-0.057	+0.0000	-0.0000	+0.0018
393	_____	13	M3	+0.075	-2.200	-0.037	+0.0002	+0.0000	-0.0023
393	_____	14	M4	+0.030	+0.752	-0.007	+0.0001	-0.0000	+0.0007
393	_____	15	M5	+0.082	-1.329	-0.017	+0.0006	+0.0000	-0.0014
393	_____	16	M6	+0.253	-0.451	-0.055	-0.0000	-0.0000	-0.0004
393	_____	17	M7	+0.214	+0.267	-0.066	-0.0000	-0.0000	+0.0003
393	_____	M+	A	+1.208	+0.000	+0.000	+0.0020	+0.0000	+0.0005
393	_____	M-	A	+0.000	-9.250	-0.392	+0.0000	-0.0000	-0.0072
394	_____	0	G	+0.847	-2.450	-0.289	+0.0004	-0.0000	-0.0013
394	_____	1	Q1	+0.098	-5.319	-0.055	+0.0000	+0.0000	-0.0043
394	_____	11	M1	+0.046	-2.851	-0.005	+0.0000	+0.0000	-0.0018
394	_____	12	M2	+0.283	+1.930	-0.057	+0.0000	-0.0000	+0.0018
394	_____	13	M3	+0.074	-2.263	-0.037	+0.0001	-0.0000	-0.0023
394	_____	14	M4	+0.030	+0.719	-0.006	+0.0001	+0.0000	+0.0007
394	_____	15	M5	+0.081	-1.491	-0.017	+0.0001	+0.0000	-0.0014
394	_____	16	M6	+0.252	-0.448	-0.056	-0.0000	-0.0000	-0.0004
394	_____	17	M7	+0.212	+0.282	-0.066	-0.0000	-0.0000	+0.0003
394	_____	M+	A	+1.199	+0.000	+0.000	+0.0006	+0.0000	+0.0005
394	_____	M-	A	+0.000	-9.765	-0.393	+0.0000	-0.0000	-0.0071

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
395	_____	0	G	+0.839	-2.571	-0.286	+0.0010	-0.0000	-0.0012
395	_____	1	Q1	+0.092	-6.672	-0.055	+0.0006	+0.0000	-0.0040
395	_____	11	M1	+0.042	-3.585	-0.006	+0.0003	+0.0000	-0.0026
395	_____	12	M2	+0.282	+2.562	-0.056	+0.0000	-0.0000	+0.0016
395	_____	13	M3	+0.071	-3.048	-0.037	+0.0003	+0.0000	-0.0022
395	_____	14	M4	+0.029	+0.978	-0.006	+0.0001	-0.0000	+0.0006
395	_____	15	M5	+0.077	-1.694	-0.018	+0.0006	+0.0000	-0.0008
395	_____	16	M6	+0.249	-0.598	-0.055	-0.0000	-0.0000	-0.0004
395	_____	17	M7	+0.213	+0.357	-0.065	-0.0000	-0.0000	+0.0003
395	_____	M+	A	+1.186	+0.000	+0.000	+0.0021	+0.0000	+0.0004
395	_____	M-	A	+0.000	-11.753	-0.389	+0.0000	-0.0000	-0.0070
396	_____	0	G	+0.832	-2.888	-0.287	+0.0004	-0.0000	-0.0012
396	_____	1	Q1	+0.091	-6.800	-0.055	+0.0000	+0.0000	-0.0040
396	_____	11	M1	+0.042	-3.652	-0.006	+0.0000	+0.0000	-0.0026
396	_____	12	M2	+0.281	+2.545	-0.056	+0.0000	-0.0000	+0.0016
396	_____	13	M3	+0.070	-3.108	-0.037	-0.0001	-0.0000	-0.0022
396	_____	14	M4	+0.029	+0.944	-0.007	+0.0001	+0.0000	+0.0006
396	_____	15	M5	+0.077	-1.855	-0.018	+0.0001	+0.0000	-0.0008
396	_____	16	M6	+0.248	-0.589	-0.055	-0.0000	-0.0000	-0.0004
396	_____	17	M7	+0.211	+0.375	-0.065	-0.0000	-0.0000	+0.0003
396	_____	M+	A	+1.177	+0.000	+0.000	+0.0005	+0.0000	+0.0005
396	_____	M-	A	+0.000	-12.245	-0.390	+0.0000	-0.0000	-0.0070
397	_____	0	G	+0.824	-2.972	-0.284	+0.0010	-0.0000	-0.0010
397	_____	1	Q1	+0.086	-8.012	-0.055	+0.0005	+0.0000	-0.0035
397	_____	11	M1	+0.038	-4.424	-0.006	+0.0004	+0.0000	-0.0019
397	_____	12	M2	+0.279	+3.118	-0.056	+0.0000	-0.0000	+0.0015
397	_____	13	M3	+0.068	-3.600	-0.037	+0.0003	-0.0000	-0.0011
397	_____	14	M4	+0.028	+1.167	-0.006	+0.0001	+0.0000	+0.0005
397	_____	15	M5	+0.073	-1.888	-0.019	+0.0005	+0.0000	-0.0001
397	_____	16	M6	+0.245	-0.741	-0.054	-0.0000	-0.0000	-0.0004
397	_____	17	M7	+0.212	+0.449	-0.063	-0.0000	-0.0000	+0.0003
397	_____	M+	A	+1.164	+0.146	+0.000	+0.0019	+0.0000	+0.0004
397	_____	M-	A	+0.000	-14.080	-0.386	+0.0000	-0.0000	-0.0059
398	_____	0	G	+0.817	-3.269	-0.284	+0.0003	-0.0000	-0.0010
398	_____	1	Q1	+0.085	-8.133	-0.056	-0.0000	+0.0000	-0.0035
398	_____	11	M1	+0.038	-4.488	-0.006	-0.0001	+0.0000	-0.0019
398	_____	12	M2	+0.278	+3.104	-0.056	+0.0000	-0.0000	+0.0015
398	_____	13	M3	+0.067	-3.657	-0.037	-0.0000	-0.0000	-0.0011
398	_____	14	M4	+0.028	+1.132	-0.007	+0.0001	-0.0000	+0.0005
398	_____	15	M5	+0.072	-2.046	-0.019	+0.0002	+0.0000	-0.0001
398	_____	16	M6	+0.244	-0.726	-0.054	-0.0000	-0.0000	-0.0004
398	_____	17	M7	+0.211	+0.469	-0.063	-0.0000	-0.0000	+0.0003
398	_____	M+	A	+1.155	+0.000	+0.000	+0.0005	+0.0000	+0.0005
398	_____	M-	A	+0.000	-14.543	-0.387	+0.0000	-0.0000	-0.0058
399	_____	0	G	+0.809	-3.308	-0.281	+0.0009	-0.0000	-0.0009
399	_____	1	Q1	+0.080	-9.173	-0.056	+0.0005	-0.0000	-0.0030
399	_____	11	M1	+0.035	-4.991	-0.007	+0.0004	+0.0000	-0.0013
399	_____	12	M2	+0.277	+3.606	-0.055	+0.0000	-0.0000	+0.0013
399	_____	13	M3	+0.064	-4.115	-0.037	+0.0002	-0.0000	-0.0019
399	_____	14	M4	+0.027	+1.311	-0.007	+0.0001	+0.0000	+0.0003
399	_____	15	M5	+0.068	-2.003	-0.020	+0.0004	+0.0000	-0.0007
399	_____	16	M6	+0.242	-0.875	-0.054	-0.0000	-0.0000	-0.0004
399	_____	17	M7	+0.211	+0.541	-0.062	-0.0000	-0.0000	+0.0003
399	_____	M+	A	+1.141	+0.298	+0.000	+0.0017	+0.0000	+0.0004
399	_____	M-	A	+0.000	-15.975	-0.382	+0.0000	-0.0000	-0.0052
400	_____	0	G	+0.802	-3.579	-0.282	+0.0003	-0.0000	-0.0008
400	_____	1	Q1	+0.078	-9.285	-0.056	-0.0000	+0.0000	-0.0030
400	_____	11	M1	+0.035	-5.053	-0.007	-0.0001	+0.0000	-0.0012
400	_____	12	M2	+0.275	+3.596	-0.055	+0.0000	-0.0000	+0.0013
400	_____	13	M3	+0.063	-4.168	-0.037	-0.0000	-0.0000	-0.0018
400	_____	14	M4	+0.027	+1.276	-0.007	+0.0001	-0.0000	+0.0003
400	_____	15	M5	+0.068	-2.156	-0.020	+0.0003	+0.0000	-0.0007
400	_____	16	M6	+0.240	-0.853	-0.053	-0.0000	-0.0000	-0.0003
400	_____	17	M7	+0.210	+0.563	-0.062	-0.0000	-0.0000	+0.0003
400	_____	M+	A	+1.133	+0.017	+0.000	+0.0005	+0.0000	+0.0005
400	_____	M-	A	+0.000	-16.400	-0.383	+0.0000	-0.0000	-0.0050
401	_____	0	G	+0.794	-3.596	-0.278	+0.0009	-0.0000	-0.0008
401	_____	1	Q1	+0.073	-10.165	-0.055	+0.0005	-0.0000	-0.0026
401	_____	11	M1	+0.031	-5.295	-0.007	+0.0002	+0.0000	-0.0007
401	_____	12	M2	+0.274	+4.026	-0.054	+0.0000	-0.0000	+0.0011
401	_____	13	M3	+0.061	-4.729	-0.036	+0.0004	-0.0000	-0.0014
401	_____	14	M4	+0.026	+1.413	-0.006	+0.0001	-0.0000	+0.0002
401	_____	15	M5	+0.064	-2.351	-0.020	+0.0005	+0.0000	-0.0009
401	_____	16	M6	+0.238	-0.996	-0.053	-0.0001	-0.0000	-0.0003
401	_____	17	M7	+0.211	+0.634	-0.061	-0.0001	-0.0000	+0.0003
401	_____	M+	A	+1.119	+0.430	+0.000	+0.0018	+0.0000	+0.0003
401	_____	M-	A	+0.000	-17.467	-0.377	+0.0000	-0.0000	-0.0043
402	_____	0	G	+0.787	-3.834	-0.278	+0.0002	-0.0000	-0.0007
402	_____	1	Q1	+0.072	-10.266	-0.056	-0.0001	-0.0000	-0.0025
402	_____	11	M1	+0.031	-5.352	-0.007	+0.0000	+0.0000	-0.0007
402	_____	12	M2	+0.273	+4.019	-0.054	+0.0000	-0.0000	+0.0011
402	_____	13	M3	+0.060	-4.777	-0.036	-0.0002	-0.0000	-0.0014
402	_____	14	M4	+0.026	+1.377	-0.007	+0.0001	-0.0000	+0.0002
402	_____	15	M5	+0.063	-2.497	-0.020	+0.0001	+0.0000	-0.0009
402	_____	16	M6	+0.237	-0.966	-0.053	-0.0001	-0.0000	-0.0003
402	_____	17	M7	+0.209	+0.658	-0.061	-0.0001	-0.0000	+0.0003
402	_____	M+	A	+1.111	+0.185	+0.000	+0.0003	+0.0000	+0.0004
402	_____	M-	A	+0.000	-17.846	-0.378	-0.0000	-0.0000	-0.0042
403	_____	0	G	+0.779	-3.861	-0.273	+0.0008	-0.0000	-0.0007
403	_____	1	Q1	+0.067	-11.017	-0.055	+0.0005	-0.0000	-0.0022
403	_____	11	M1	+0.027	-5.684	-0.007	+0.0003	+0.0000	-0.0014
403	_____	12	M2	+0.272	+4.380	-0.052	+0.0000	-0.0000	+0.0009
403	_____	13	M3	+0.057	-5.133	-0.036	+0.0004	-0.0000	-0.0009
403	_____	14	M4	+0.025	+1.473	-0.006	+0.0001	-0.0000	+0.0001
403	_____	15	M5	+0.059	-2.575	-0.020	+0.0006	+0.0000	-0.0006
403	_____	16	M6	+0.234	-1.118	-0.052	-0.0001	-0.0000	-0.0004
403	_____	17	M7	+0.210	+0.725	-0.059	-0.0001	-0.0000	+0.0003
403	_____	M+	A	+1.097	+0.520	+0.000	+0.0017	+0.0000	+0.0002
403	_____	M-	A	+0.000	-18.857	-0.370	+0.0000	-0.0000	-0.0039
404	_____	0	G	+0.772	-4.062	-0.273	+0.0001	-0.0000	-0.0006
404	_____	1	Q1	+0.066	-11.104	-0.055	-0.0001	-0.0000	-0.0022

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
404	_____	11	M1	+0.027	-5.736	-0.007	-0.0000	-0.0000	-0.0014
404	_____	12	M2	+0.270	+4.378	-0.052	+0.0000	-0.0000	+0.0009
404	_____	13	M3	+0.056	-5.175	-0.036	-0.0002	-0.0000	-0.0009
404	_____	14	M4	+0.025	+1.439	-0.006	+0.0001	-0.0000	+0.0001
404	_____	15	M5	+0.059	-2.713	-0.020	+0.0000	-0.0000	-0.0006
404	_____	16	M6	+0.233	-1.080	-0.052	-0.0001	-0.0000	-0.0004
404	_____	17	M7	+0.208	+0.752	-0.059	-0.0001	-0.0000	+0.0003
404	_____	M+	A	+1.089	+0.316	+0.000	+0.0002	+0.0000	+0.0003
404	_____	M-	A	+0.000	-19.181	-0.371	-0.0001	-0.0000	-0.0038
405	_____	0	G	+0.764	-4.095	-0.267	+0.0007	-0.0000	-0.0006
405	_____	1	Q1	+0.060	-11.749	-0.054	+0.0005	-0.0000	-0.0019
405	_____	11	M1	+0.024	-6.058	-0.007	+0.0004	-0.0000	-0.0005
405	_____	12	M2	+0.269	+4.655	-0.051	-0.0000	-0.0000	+0.0006
405	_____	13	M3	+0.054	-5.283	-0.035	+0.0002	-0.0000	-0.0001
405	_____	14	M4	+0.024	+1.490	-0.006	+0.0001	-0.0000	-0.0000
405	_____	15	M5	+0.055	-2.754	-0.020	+0.0006	-0.0000	-0.0002
405	_____	16	M6	+0.230	-1.323	-0.051	-0.0000	-0.0000	-0.0008
405	_____	17	M7	+0.209	+0.813	-0.058	-0.0001	-0.0000	+0.0002
405	_____	M+	A	+1.075	+0.560	+0.000	+0.0016	+0.0000	+0.0001
405	_____	M-	A	+0.000	-20.085	-0.362	+0.0000	-0.0000	-0.0030
406	_____	0	G	+0.758	-4.253	-0.267	+0.0000	-0.0000	-0.0004
406	_____	1	Q1	+0.059	-11.820	-0.054	-0.0002	-0.0000	-0.0019
406	_____	11	M1	+0.024	-6.103	-0.007	-0.0002	-0.0000	-0.0005
406	_____	12	M2	+0.268	+4.658	-0.051	-0.0000	-0.0000	+0.0006
406	_____	13	M3	+0.053	-5.318	-0.035	-0.0000	-0.0000	-0.0001
406	_____	14	M4	+0.024	+1.457	-0.006	+0.0001	-0.0000	-0.0000
406	_____	15	M5	+0.054	-2.882	-0.020	+0.0000	-0.0000	-0.0002
406	_____	16	M6	+0.229	-1.276	-0.051	-0.0002	-0.0000	-0.0008
406	_____	17	M7	+0.208	+0.842	-0.058	-0.0001	-0.0000	+0.0002
406	_____	M+	A	+1.067	+0.405	+0.000	+0.0001	+0.0000	+0.0002
406	_____	M-	A	+0.000	-20.346	-0.362	-0.0003	-0.0000	-0.0028
407	_____	0	G	+0.749	-4.244	-0.261	+0.0006	-0.0000	-0.0002
407	_____	1	Q1	+0.054	-12.301	-0.053	+0.0006	-0.0000	-0.0010
407	_____	11	M1	+0.020	-6.171	-0.007	+0.0004	-0.0000	-0.0001
407	_____	12	M2	+0.266	+4.817	-0.050	-0.0000	-0.0000	+0.0003
407	_____	13	M3	+0.050	-5.425	-0.034	+0.0001	-0.0000	-0.0006
407	_____	14	M4	+0.023	+1.458	-0.006	+0.0001	-0.0000	-0.0002
407	_____	15	M5	+0.050	-2.738	-0.020	+0.0004	-0.0000	+0.0001
407	_____	16	M6	+0.226	-1.507	-0.049	+0.0001	-0.0000	+0.0000
407	_____	17	M7	+0.208	+0.887	-0.056	-0.0001	-0.0000	+0.0002
407	_____	M+	A	+1.053	+0.573	+0.000	+0.0015	+0.0000	+0.0000
407	_____	M-	A	+0.000	-20.864	-0.354	+0.0000	-0.0000	-0.0016
408	_____	0	G	+0.743	-4.354	-0.261	-0.0001	-0.0000	-0.0001
408	_____	1	Q1	+0.053	-12.355	-0.053	-0.0004	-0.0000	-0.0009
408	_____	11	M1	+0.020	-6.209	-0.007	-0.0002	-0.0000	-0.0001
408	_____	12	M2	+0.265	+4.825	-0.050	-0.0000	-0.0000	+0.0003
408	_____	13	M3	+0.049	-5.452	-0.034	-0.0000	-0.0000	-0.0006
408	_____	14	M4	+0.023	+1.426	-0.006	+0.0001	-0.0000	-0.0002
408	_____	15	M5	+0.050	-2.853	-0.020	+0.0001	-0.0000	+0.0002
408	_____	16	M6	+0.225	-1.452	-0.049	-0.0003	-0.0000	+0.0000
408	_____	17	M7	+0.207	+0.919	-0.056	-0.0001	-0.0000	+0.0002
408	_____	M+	A	+1.045	+0.471	+0.000	+0.0000	+0.0000	+0.0002
408	_____	M-	A	+0.000	-21.056	-0.354	-0.0007	-0.0000	-0.0014
409	_____	0	G	+0.734	-4.260	-0.255	+0.0005	-0.0000	+0.0002
409	_____	1	Q1	+0.047	-12.305	-0.052	+0.0006	-0.0000	+0.0009
409	_____	11	M1	+0.016	-6.014	-0.007	+0.0003	-0.0000	+0.0010
409	_____	12	M2	+0.264	+4.838	-0.049	-0.0000	-0.0000	-0.0001
409	_____	13	M3	+0.047	-5.536	-0.033	+0.0002	-0.0000	-0.0001
409	_____	14	M4	+0.022	+1.378	-0.006	+0.0001	-0.0000	-0.0003
409	_____	15	M5	+0.046	-2.787	-0.019	+0.0005	-0.0000	-0.0002
409	_____	16	M6	+0.222	-1.388	-0.048	-0.0000	-0.0000	+0.0003
409	_____	17	M7	+0.208	+0.939	-0.055	-0.0001	-0.0000	+0.0001
409	_____	M+	A	+1.031	+0.578	+0.000	+0.0013	+0.0000	+0.0018
409	_____	M-	A	+0.000	-20.776	-0.346	+0.0000	-0.0000	-0.0001
410	_____	0	G	+0.728	-4.322	-0.255	-0.0002	-0.0000	+0.0003
410	_____	1	Q1	+0.046	-12.342	-0.051	-0.0004	-0.0000	+0.0010
410	_____	11	M1	+0.016	-6.044	-0.007	-0.0002	-0.0000	+0.0010
410	_____	12	M2	+0.262	+4.852	-0.049	-0.0000	-0.0000	-0.0001
410	_____	13	M3	+0.046	-5.556	-0.033	-0.0001	-0.0000	-0.0001
410	_____	14	M4	+0.022	+1.348	-0.006	+0.0001	-0.0000	-0.0003
410	_____	15	M5	+0.046	-2.889	-0.019	-0.0000	-0.0000	-0.0001
410	_____	16	M6	+0.221	-1.325	-0.048	-0.0002	-0.0000	+0.0003
410	_____	17	M7	+0.206	+0.972	-0.055	-0.0001	-0.0000	+0.0001
410	_____	M+	A	+1.023	+0.530	+0.000	+0.0000	+0.0000	+0.0020
410	_____	M-	A	+0.000	-20.894	-0.345	-0.0007	-0.0000	+0.0000
411	_____	0	G	+0.719	-4.144	-0.249	+0.0004	-0.0000	+0.0005
411	_____	1	Q1	+0.041	-11.764	-0.050	+0.0004	-0.0000	+0.0019
411	_____	11	M1	+0.013	-5.647	-0.007	+0.0002	-0.0000	+0.0008
411	_____	12	M2	+0.261	+4.715	-0.048	-0.0000	-0.0000	-0.0005
411	_____	13	M3	+0.043	-5.524	-0.033	+0.0004	-0.0000	+0.0006
411	_____	14	M4	+0.021	+1.262	-0.006	+0.0001	-0.0000	-0.0004
411	_____	15	M5	+0.041	-2.661	-0.019	+0.0004	-0.0000	+0.0009
411	_____	16	M6	+0.218	-1.445	-0.047	+0.0000	-0.0000	-0.0005
411	_____	17	M7	+0.207	+0.959	-0.053	-0.0001	-0.0000	+0.0000
411	_____	M+	A	+1.009	+0.572	+0.000	+0.0010	+0.0000	+0.0030
411	_____	M-	A	+0.000	-19.860	-0.337	+0.0000	-0.0000	-0.0000
412	_____	0	G	+0.713	-4.157	-0.249	-0.0003	-0.0000	+0.0006
412	_____	1	Q1	+0.040	-11.782	-0.050	-0.0003	-0.0000	+0.0019
412	_____	11	M1	+0.013	-5.669	-0.007	-0.0001	-0.0000	+0.0008
412	_____	12	M2	+0.260	+4.734	-0.048	-0.0000	-0.0000	-0.0005
412	_____	13	M3	+0.042	-5.536	-0.033	-0.0003	-0.0000	+0.0007
412	_____	14	M4	+0.021	+1.235	-0.006	+0.0001	-0.0000	-0.0004
412	_____	15	M5	+0.041	-2.747	-0.019	-0.0000	-0.0000	+0.0010
412	_____	16	M6	+0.217	-1.375	-0.047	-0.0003	-0.0000	-0.0004
412	_____	17	M7	+0.205	+0.993	-0.053	-0.0001	-0.0000	+0.0000
412	_____	M+	A	+1.001	+0.577	+0.000	+0.0000	+0.0000	+0.0032
412	_____	M-	A	+0.000	-19.907	-0.337	-0.0008	-0.0000	+0.0000
413	_____	0	G	+0.704	-3.939	-0.242	+0.0003	-0.0000	+0.0006
413	_____	1	Q1	+0.034	-11.043	-0.049	+0.0003	-0.0000	+0.0022
413	_____	11	M1	+0.009	-5.295	-0.007	+0.0003	-0.0000	+0.0014
413	_____	12	M2	+0.259	+4.473	-0.046	-0.0001	-0.0000	-0.0008

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
413	_____	13	M3	+0.040	-5.012	-0.032	+0.0002	-0.0000	+0.0017
413	_____	14	M4	+0.020	+1.126	-0.006	+0.0001	-0.0000	-0.0004
413	_____	15	M5	+0.037	-2.278	-0.019	+0.0002	-0.0000	+0.0010
413	_____	16	M6	+0.214	-1.466	-0.046	+0.0001	-0.0000	+0.0002
413	_____	17	M7	+0.206	+0.948	-0.052	-0.0001	-0.0000	-0.0001
413	_____	M+	A	+0.987	+0.535	+0.000	+0.0008	+0.0000	+0.0040
413	_____	M-	A	+0.000	-18.688	-0.329	+0.0000	-0.0000	-0.0002
414	_____	0	G	+0.698	-3.908	-0.243	-0.0004	-0.0000	+0.0008
414	_____	1	Q1	+0.033	-11.044	-0.049	-0.0003	-0.0000	+0.0022
414	_____	11	M1	+0.009	-5.309	-0.007	-0.0003	+0.0000	+0.0014
414	_____	12	M2	+0.257	+4.496	-0.046	-0.0000	-0.0000	-0.0008
414	_____	13	M3	+0.039	-5.017	-0.032	-0.0002	-0.0000	+0.0017
414	_____	14	M4	+0.020	+1.102	-0.006	+0.0001	-0.0000	-0.0004
414	_____	15	M5	+0.037	-2.350	-0.019	+0.0001	-0.0000	+0.0011
414	_____	16	M6	+0.213	-1.389	-0.046	-0.0005	-0.0000	+0.0003
414	_____	17	M7	+0.204	+0.981	-0.052	-0.0001	-0.0000	-0.0001
414	_____	M+	A	+0.978	+0.588	+0.000	+0.0000	+0.0000	+0.0042
414	_____	M-	A	+0.000	-18.669	-0.329	-0.0010	-0.0000	-0.0000
415	_____	0	G	+0.689	-3.698	-0.237	+0.0002	-0.0000	+0.0007
415	_____	1	Q1	+0.028	-10.200	-0.048	+0.0002	-0.0000	+0.0025
415	_____	11	M1	+0.005	-4.635	-0.007	+0.0002	+0.0000	+0.0022
415	_____	12	M2	+0.256	+4.142	-0.045	-0.0001	-0.0000	-0.0010
415	_____	13	M3	+0.036	-4.582	-0.031	+0.0001	-0.0000	+0.0008
415	_____	14	M4	+0.019	+0.985	-0.005	+0.0000	-0.0000	-0.0004
415	_____	15	M5	+0.033	-1.989	-0.018	+0.0001	-0.0000	+0.0007
415	_____	16	M6	+0.210	-1.339	-0.045	+0.0001	-0.0000	+0.0007
415	_____	17	M7	+0.205	+0.908	-0.050	-0.0001	-0.0000	-0.0001
415	_____	M+	A	+0.965	+0.444	+0.000	+0.0005	+0.0000	+0.0048
415	_____	M-	A	+0.000	-17.143	-0.321	+0.0000	-0.0000	-0.0003
416	_____	0	G	+0.683	-3.629	-0.237	-0.0005	-0.0000	+0.0008
416	_____	1	Q1	+0.027	-10.186	-0.048	-0.0003	-0.0000	+0.0026
416	_____	11	M1	+0.005	-4.641	-0.007	-0.0001	+0.0000	+0.0022
416	_____	12	M2	+0.255	+4.169	-0.045	-0.0001	-0.0000	-0.0010
416	_____	13	M3	+0.035	-4.581	-0.031	-0.0002	-0.0000	+0.0008
416	_____	14	M4	+0.019	+0.963	-0.005	+0.0000	-0.0000	-0.0004
416	_____	15	M5	+0.033	-2.048	-0.018	+0.0001	-0.0000	+0.0007
416	_____	16	M6	+0.209	-1.257	-0.045	-0.0004	-0.0000	+0.0007
416	_____	17	M7	+0.203	+0.940	-0.050	-0.0001	-0.0000	-0.0002
416	_____	M+	A	+0.956	+0.539	+0.000	+0.0000	+0.0000	+0.0050
416	_____	M-	A	+0.000	-17.065	-0.322	-0.0011	-0.0000	-0.0002
417	_____	0	G	+0.675	-3.432	-0.232	+0.0001	-0.0000	+0.0008
417	_____	1	Q1	+0.021	-9.216	-0.048	+0.0002	-0.0000	+0.0030
417	_____	11	M1	+0.001	-3.927	-0.007	+0.0000	+0.0000	+0.0018
417	_____	12	M2	+0.253	+3.736	-0.044	-0.0001	-0.0000	-0.0012
417	_____	13	M3	+0.033	-4.160	-0.030	+0.0002	-0.0000	+0.0019
417	_____	14	M4	+0.018	+0.842	-0.005	+0.0000	-0.0000	-0.0004
417	_____	15	M5	+0.028	-1.746	-0.018	+0.0001	+0.0000	+0.0007
417	_____	16	M6	+0.206	-1.101	-0.044	-0.0001	-0.0000	+0.0004
417	_____	17	M7	+0.204	+0.841	-0.049	-0.0001	-0.0000	-0.0002
417	_____	M+	A	+0.943	+0.305	+0.000	+0.0004	+0.0000	+0.0051
417	_____	M-	A	+0.000	-15.559	-0.314	-0.0000	-0.0000	-0.0004
418	_____	0	G	+0.668	-3.330	-0.232	-0.0006	-0.0000	+0.0009
418	_____	1	Q1	+0.020	-9.188	-0.048	-0.0003	-0.0000	+0.0030
418	_____	11	M1	+0.002	-3.926	-0.007	-0.0000	+0.0000	+0.0018
418	_____	12	M2	+0.252	+3.766	-0.044	-0.0001	-0.0000	-0.0012
418	_____	13	M3	+0.032	-4.153	-0.030	-0.0002	-0.0000	+0.0019
418	_____	14	M4	+0.018	+0.822	-0.005	+0.0000	-0.0000	-0.0004
418	_____	15	M5	+0.028	-1.793	-0.018	+0.0001	+0.0000	+0.0007
418	_____	16	M6	+0.205	-1.015	-0.045	-0.0003	-0.0000	+0.0004
418	_____	17	M7	+0.203	+0.873	-0.049	-0.0001	-0.0000	-0.0002
418	_____	M+	A	+0.934	+0.436	+0.000	+0.0000	+0.0000	+0.0052
418	_____	M-	A	+0.000	-15.425	-0.315	-0.0011	-0.0000	-0.0003
419	_____	0	G	+0.660	-3.112	-0.228	+0.0000	-0.0000	+0.0010
419	_____	1	Q1	+0.015	-8.061	-0.048	+0.0002	-0.0000	+0.0035
419	_____	11	M1	-0.002	-3.309	-0.008	-0.0000	+0.0000	+0.0017
419	_____	12	M2	+0.251	+3.250	-0.043	-0.0001	-0.0000	-0.0015
419	_____	13	M3	+0.029	-3.442	-0.030	+0.0000	-0.0000	+0.0020
419	_____	14	M4	+0.017	+0.699	-0.005	+0.0000	-0.0000	-0.0004
419	_____	15	M5	+0.024	-1.484	-0.019	+0.0001	+0.0000	+0.0008
419	_____	16	M6	+0.202	-1.125	-0.044	+0.0000	-0.0000	-0.0003
419	_____	17	M7	+0.204	+0.747	-0.047	-0.0001	-0.0000	-0.0003
419	_____	M+	A	+0.921	+0.138	+0.000	+0.0003	+0.0000	+0.0059
419	_____	M-	A	+0.000	-13.583	-0.309	-0.0000	-0.0000	-0.0005
420	_____	0	G	+0.653	-2.983	-0.229	-0.0006	-0.0000	+0.0011
420	_____	1	Q1	+0.014	-8.022	-0.048	-0.0004	-0.0000	+0.0035
420	_____	11	M1	-0.002	-3.302	-0.008	-0.0000	+0.0000	+0.0017
420	_____	12	M2	+0.249	+3.281	-0.043	-0.0001	-0.0000	-0.0015
420	_____	13	M3	+0.028	-3.430	-0.030	-0.0001	-0.0000	+0.0020
420	_____	14	M4	+0.017	+0.682	-0.005	+0.0000	-0.0000	-0.0004
420	_____	15	M5	+0.024	-1.518	-0.018	+0.0001	+0.0000	+0.0008
420	_____	16	M6	+0.201	-1.036	-0.044	-0.0004	-0.0000	-0.0003
420	_____	17	M7	+0.202	+0.776	-0.047	-0.0001	-0.0000	-0.0003
420	_____	M+	A	+0.912	+0.298	+0.000	+0.0000	+0.0000	+0.0060
420	_____	M-	A	+0.000	-13.406	-0.310	-0.0013	-0.0000	-0.0004
421	_____	0	G	+0.645	-2.724	-0.225	-0.0000	-0.0000	+0.0012
421	_____	1	Q1	+0.009	-6.727	-0.048	+0.0002	-0.0000	+0.0040
421	_____	11	M1	-0.006	-2.680	-0.008	-0.0000	+0.0000	+0.0018
421	_____	12	M2	+0.248	+2.681	-0.042	-0.0001	-0.0000	-0.0017
421	_____	13	M3	+0.026	-2.771	-0.030	-0.0000	-0.0000	+0.0018
421	_____	14	M4	+0.016	+0.557	-0.005	+0.0000	-0.0000	-0.0004
421	_____	15	M5	+0.020	-1.201	-0.019	+0.0001	+0.0000	+0.0008
421	_____	16	M6	+0.198	-1.086	-0.044	+0.0001	-0.0000	+0.0004
421	_____	17	M7	+0.203	+0.624	-0.046	-0.0001	-0.0000	-0.0004
421	_____	M+	A	+0.899	+0.000	+0.000	+0.0002	+0.0000	+0.0064
421	_____	M-	A	+0.000	-11.390	-0.304	-0.0001	-0.0000	-0.0005
422	_____	0	G	+0.638	-2.573	-0.225	-0.0007	-0.0000	+0.0012
422	_____	1	Q1	+0.008	-6.677	-0.048	-0.0004	+0.0000	+0.0040
422	_____	11	M1	-0.006	-2.667	-0.008	-0.0000	+0.0000	+0.0018
422	_____	12	M2	+0.247	+2.712	-0.042	-0.0001	-0.0000	-0.0017
422	_____	13	M3	+0.025	-2.756	-0.030	-0.0000	-0.0000	+0.0018
422	_____	14	M4	+0.016	+0.543	-0.005	+0.0000	-0.0000	-0.0004

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
422	_____	15	M5	+0.020	-1.225	-0.019	+0.0001	+0.0000	+0.0008
422	_____	16	M6	+0.197	-0.996	-0.044	-0.0005	-0.0000	+0.0004
422	_____	17	M7	+0.201	+0.650	-0.046	-0.0001	-0.0000	-0.0004
422	_____	M+	A	+0.890	+0.139	+0.000	+0.0000	+0.0000	+0.0065
422	_____	M-	A	+0.000	-11.180	-0.305	-0.0014	-0.0000	-0.0005
423	_____	0	G	+0.630	-2.279	-0.221	-0.0001	-0.0000	+0.0013
423	_____	1	Q1	+0.002	-5.245	-0.048	+0.0001	-0.0000	+0.0043
423	_____	11	M1	-0.010	-2.024	-0.008	-0.0000	+0.0000	+0.0018
423	_____	12	M2	+0.246	+2.040	-0.041	-0.0001	-0.0000	-0.0019
423	_____	13	M3	+0.022	-2.105	-0.029	-0.0000	-0.0000	+0.0019
423	_____	14	M4	+0.015	+0.417	-0.005	+0.0000	-0.0000	-0.0004
423	_____	15	M5	+0.015	-0.908	-0.019	+0.0000	-0.0000	+0.0008
423	_____	16	M6	+0.194	-0.888	-0.044	+0.0000	+0.0000	+0.0009
423	_____	17	M7	+0.202	+0.477	-0.045	-0.0001	-0.0000	-0.0004
423	_____	M+	A	+0.877	+0.000	+0.000	+0.0001	+0.0000	+0.0069
423	_____	M-	A	+0.000	-8.997	-0.300	-0.0001	-0.0000	-0.0006
424	_____	0	G	+0.623	-2.111	-0.222	-0.0007	-0.0000	+0.0013
424	_____	1	Q1	+0.001	-5.186	-0.048	-0.0004	+0.0000	+0.0043
424	_____	11	M1	-0.010	-2.006	-0.009	-0.0000	+0.0000	+0.0019
424	_____	12	M2	+0.244	+2.072	-0.041	-0.0001	-0.0000	-0.0019
424	_____	13	M3	+0.021	-2.087	-0.029	-0.0000	-0.0000	+0.0019
424	_____	14	M4	+0.015	+0.405	-0.005	+0.0000	+0.0000	-0.0004
424	_____	15	M5	+0.015	-0.922	-0.019	+0.0000	+0.0000	+0.0009
424	_____	16	M6	+0.193	-0.798	-0.044	-0.0004	-0.0000	+0.0009
424	_____	17	M7	+0.200	+0.500	-0.044	-0.0000	-0.0000	-0.0004
424	_____	M+	A	+0.868	+0.000	+0.000	+0.0000	+0.0000	+0.0070
424	_____	M-	A	+0.000	-8.759	-0.301	-0.0014	-0.0000	-0.0005
425	_____	0	G	+0.615	-1.842	-0.218	-0.0001	-0.0000	+0.0011
425	_____	1	Q1	-0.004	-3.689	-0.047	+0.0001	-0.0000	+0.0044
425	_____	11	M1	-0.013	-1.373	-0.009	-0.0001	+0.0000	+0.0018
425	_____	12	M2	+0.243	+1.347	-0.041	-0.0001	-0.0000	-0.0020
425	_____	13	M3	+0.019	-1.426	-0.028	-0.0000	-0.0000	+0.0019
425	_____	14	M4	+0.014	+0.282	-0.004	+0.0000	-0.0000	-0.0004
425	_____	15	M5	+0.011	-0.617	-0.018	+0.0000	-0.0000	+0.0008
425	_____	16	M6	+0.190	-0.608	-0.044	-0.0001	+0.0000	+0.0004
425	_____	17	M7	+0.201	+0.313	-0.044	-0.0000	-0.0000	-0.0005
425	_____	M+	A	+0.858	+0.000	+0.000	+0.0001	+0.0000	+0.0068
425	_____	M-	A	+0.000	-6.529	-0.297	-0.0002	-0.0000	-0.0009
426	_____	0	G	+0.608	-1.665	-0.217	-0.0007	-0.0000	+0.0011
426	_____	1	Q1	-0.005	-3.624	-0.048	-0.0004	-0.0000	+0.0044
426	_____	11	M1	-0.013	-1.350	-0.009	-0.0000	+0.0000	+0.0018
426	_____	12	M2	+0.241	+1.378	-0.040	-0.0001	-0.0000	-0.0020
426	_____	13	M3	+0.018	-1.405	-0.029	-0.0000	-0.0000	+0.0019
426	_____	14	M4	+0.014	+0.272	-0.005	+0.0000	+0.0000	-0.0004
426	_____	15	M5	+0.011	-0.622	-0.020	+0.0000	+0.0000	+0.0008
426	_____	16	M6	+0.189	-0.519	-0.042	-0.0003	-0.0000	+0.0003
426	_____	17	M7	+0.199	+0.332	-0.042	-0.0000	-0.0000	-0.0005
426	_____	M+	A	+0.849	+0.000	+0.000	+0.0000	+0.0000	+0.0068
426	_____	M-	A	+0.000	-6.272	-0.295	-0.0013	-0.0000	-0.0010
427	_____	0	G	+0.600	-1.622	-0.216	+0.0000	-0.0000	-0.0001
427	_____	1	Q1	-0.011	-2.146	-0.048	+0.0001	+0.0000	+0.0042
427	_____	11	M1	-0.017	-0.779	-0.009	-0.0000	+0.0000	+0.0015
427	_____	12	M2	+0.240	+0.588	-0.040	-0.0000	-0.0000	-0.0023
427	_____	13	M3	+0.015	-0.781	-0.028	-0.0000	-0.0000	+0.0017
427	_____	14	M4	+0.013	+0.159	-0.004	+0.0000	-0.0000	-0.0003
427	_____	15	M5	+0.007	-0.351	-0.018	+0.0000	+0.0000	+0.0007
427	_____	16	M6	+0.186	-0.675	-0.045	+0.0000	+0.0000	-0.0006
427	_____	17	M7	+0.200	+0.128	-0.043	-0.0000	-0.0000	-0.0006
427	_____	M+	A	+0.840	+0.000	+0.000	+0.0002	+0.0000	+0.0052
427	_____	M-	A	+0.000	-4.314	-0.295	-0.0000	-0.0000	-0.0024
428	_____	0	G	+0.593	-1.426	-0.211	-0.0009	-0.0000	+0.0002
428	_____	1	Q1	-0.012	-2.071	-0.047	-0.0005	-0.0000	+0.0043
428	_____	11	M1	-0.017	-0.751	-0.010	-0.0001	-0.0000	+0.0015
428	_____	12	M2	+0.239	+0.619	-0.038	-0.0001	-0.0000	-0.0022
428	_____	13	M3	+0.014	-0.757	-0.029	-0.0001	-0.0000	+0.0017
428	_____	14	M4	+0.013	+0.151	-0.006	+0.0000	+0.0000	-0.0003
428	_____	15	M5	+0.007	-0.347	-0.021	-0.0000	-0.0000	+0.0007
428	_____	16	M6	+0.185	-0.584	-0.040	-0.0004	-0.0000	-0.0005
428	_____	17	M7	+0.198	+0.143	-0.040	-0.0000	-0.0000	-0.0006
428	_____	M+	A	+0.832	+0.000	+0.000	+0.0000	+0.0000	+0.0057
428	_____	M-	A	+0.000	-4.027	-0.286	-0.0016	-0.0000	-0.0020
429	_____	0	G	+0.585	-1.755	-0.215	-0.0001	-0.0000	+0.0002
429	_____	1	Q1	-0.017	-0.696	-0.049	-0.0000	+0.0000	+0.0041
429	_____	11	M1	-0.021	-0.264	-0.010	-0.0000	+0.0000	+0.0016
429	_____	12	M2	+0.238	-0.239	-0.039	-0.0000	-0.0000	-0.0022
429	_____	13	M3	+0.012	-0.203	-0.028	-0.0000	+0.0000	+0.0017
429	_____	14	M4	+0.012	+0.052	-0.004	+0.0000	+0.0000	-0.0003
429	_____	15	M5	+0.003	-0.119	-0.020	-0.0000	+0.0000	+0.0007
429	_____	16	M6	+0.182	-0.808	-0.044	+0.0000	-0.0000	-0.0001
429	_____	17	M7	+0.199	-0.076	-0.040	-0.0000	-0.0000	-0.0005
429	_____	M+	A	+0.822	+0.000	+0.000	+0.0000	+0.0000	+0.0055
429	_____	M-	A	+0.000	-3.050	-0.295	-0.0002	-0.0000	-0.0020
430	_____	0	G	+0.578	-1.415	-0.202	-0.0013	-0.0000	+0.0002
430	_____	1	Q1	-0.018	-0.562	-0.044	-0.0005	-0.0000	+0.0041
430	_____	11	M1	-0.021	-0.210	-0.009	-0.0002	-0.0000	+0.0016
430	_____	12	M2	+0.236	-0.188	-0.037	-0.0002	-0.0000	-0.0022
430	_____	13	M3	+0.011	-0.160	-0.027	-0.0001	-0.0000	+0.0017
430	_____	14	M4	+0.012	+0.039	-0.005	+0.0000	-0.0000	-0.0003
430	_____	15	M5	+0.003	-0.099	-0.019	-0.0001	-0.0000	+0.0007
430	_____	16	M6	+0.180	-0.657	-0.039	-0.0006	-0.0000	-0.0001
430	_____	17	M7	+0.197	-0.056	-0.039	-0.0001	+0.0000	-0.0005
430	_____	M+	A	+0.814	+0.000	+0.000	+0.0000	+0.0000	+0.0055
430	_____	M-	A	+0.000	-2.466	-0.274	-0.0023	-0.0000	-0.0020
431	_____	0	G	+0.572	-1.474	-0.209	-0.0000	-0.0000	+0.0006
431	_____	1	Q1	-0.021	+0.897	-0.049	-0.0001	-0.0000	+0.0044
431	_____	11	M1	-0.023	+0.372	-0.011	-0.0001	-0.0000	+0.0018
431	_____	12	M2	+0.235	-1.105	-0.037	+0.0001	-0.0000	-0.0028
431	_____	13	M3	+0.010	+0.462	-0.028	-0.0000	-0.0000	+0.0019
431	_____	14	M4	+0.012	-0.082	-0.005	+0.0000	+0.0000	-0.0004
431	_____	15	M5	+0.001	+0.168	-0.021	-0.0000	-0.0000	+0.0008
431	_____	16	M6	+0.177	-0.772	-0.042	+0.0000	-0.0000	+0.0003

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
431		17	M7	+0.196	-0.244	-0.038	-0.0000	-0.0000	-0.0005
431		M+	A	+0.807	+0.000	+0.000	+0.0001	+0.0000	+0.0063
431		M-	A	+0.000	-2.579	-0.287	-0.0002	-0.0000	-0.0022
432		0	G	+0.565	-1.261	-0.197	-0.0009	-0.0000	+0.0003
432		1	Q1	-0.022	+0.984	-0.042	-0.0003	-0.0000	+0.0043
432		11	M1	-0.023	+0.409	-0.008	-0.0001	+0.0000	+0.0017
432		12	M2	+0.233	-1.076	-0.037	-0.0002	-0.0000	-0.0028
432		13	M3	+0.009	+0.489	-0.026	-0.0001	-0.0000	+0.0018
432		14	M4	+0.012	-0.087	-0.004	+0.0000	-0.0000	-0.0004
432		15	M5	+0.001	+0.189	-0.017	-0.0001	-0.0000	+0.0008
432		16	M6	+0.176	-0.682	-0.039	-0.0004	-0.0000	+0.0002
432		17	M7	+0.195	-0.237	-0.040	-0.0000	-0.0000	-0.0005
432		M+	A	+0.798	+0.065	+0.000	+0.0000	+0.0000	+0.0058
432		M-	A	+0.000	-2.337	-0.267	-0.0015	-0.0000	-0.0026
433		0	G	+0.559	-1.542	-0.200	-0.0002	-0.0000	-0.0007
433		1	Q1	-0.025	+2.300	-0.046	-0.0002	-0.0000	+0.0036
433		11	M1	-0.025	+0.947	-0.010	-0.0001	-0.0000	+0.0015
433		12	M2	+0.231	-1.981	-0.036	+0.0001	-0.0000	-0.0019
433		13	M3	+0.008	+1.079	-0.027	-0.0001	-0.0000	+0.0016
433		14	M4	+0.012	-0.203	-0.005	+0.0000	-0.0000	-0.0003
433		15	M5	-0.000	+0.428	-0.020	-0.0001	-0.0000	+0.0007
433		16	M6	+0.173	-0.799	-0.039	-0.0001	-0.0000	-0.0006
433		17	M7	+0.194	-0.435	-0.037	-0.0000	+0.0000	-0.0006
433		M+	A	+0.791	+1.513	+0.000	+0.0000	+0.0000	+0.0041
433		M-	A	+0.000	-3.523	-0.273	-0.0004	-0.0000	-0.0026
434		0	G	+0.552	-1.331	-0.195	-0.0008	-0.0000	-0.0006
434		1	Q1	-0.026	+2.389	-0.043	-0.0002	+0.0000	+0.0037
434		11	M1	-0.025	+0.987	-0.008	-0.0001	+0.0000	+0.0015
434		12	M2	+0.230	-1.954	-0.036	-0.0003	-0.0000	-0.0019
434		13	M3	+0.007	+1.107	-0.026	-0.0001	+0.0000	+0.0017
434		14	M4	+0.012	-0.206	-0.004	+0.0000	+0.0000	-0.0003
434		15	M5	-0.000	+0.457	-0.018	-0.0001	+0.0000	+0.0007
434		16	M6	+0.171	-0.714	-0.038	-0.0003	-0.0000	-0.0006
434		17	M7	+0.192	-0.433	-0.039	-0.0000	-0.0000	-0.0006
434		M+	A	+0.782	+1.833	+0.000	+0.0000	+0.0000	+0.0042
434		M-	A	+0.000	-3.285	-0.265	-0.0012	-0.0000	-0.0025
435		0	G	+0.546	-1.829	-0.192	-0.0002	-0.0000	-0.0009
435		1	Q1	-0.029	+3.520	-0.043	-0.0002	-0.0000	+0.0033
435		11	M1	-0.027	+1.448	-0.008	-0.0001	-0.0000	+0.0013
435		12	M2	+0.228	-2.694	-0.035	+0.0000	-0.0000	-0.0023
435		13	M3	+0.006	+1.637	-0.026	-0.0001	-0.0000	+0.0015
435		14	M4	+0.013	-0.310	-0.005	+0.0000	-0.0000	-0.0003
435		15	M5	-0.001	+0.655	-0.018	-0.0001	-0.0000	+0.0006
435		16	M6	+0.169	-1.171	-0.037	+0.0000	-0.0000	-0.0012
435		17	M7	+0.191	-0.641	-0.037	+0.0000	+0.0000	-0.0006
435		M+	A	+0.775	+2.838	+0.000	+0.0000	+0.0000	+0.0034
435		M-	A	+0.000	-4.523	-0.261	-0.0005	-0.0000	-0.0032
436		0	G	+0.539	-1.611	-0.192	-0.0008	-0.0000	-0.0009
436		1	Q1	-0.030	+3.616	-0.042	-0.0002	-0.0000	+0.0033
436		11	M1	-0.027	+1.492	-0.008	-0.0001	-0.0000	+0.0013
436		12	M2	+0.227	-2.669	-0.035	-0.0001	-0.0000	-0.0023
436		13	M3	+0.005	+1.667	-0.026	-0.0001	-0.0000	+0.0015
436		14	M4	+0.013	-0.311	-0.004	+0.0000	+0.0000	-0.0003
436		15	M5	-0.002	+0.691	-0.018	-0.0001	-0.0000	+0.0006
436		16	M6	+0.167	-1.088	-0.037	-0.0004	-0.0000	-0.0012
436		17	M7	+0.189	-0.643	-0.038	+0.0000	-0.0000	-0.0006
436		M+	A	+0.766	+3.172	+0.000	+0.0000	+0.0000	+0.0034
436		M-	A	+0.000	-4.280	-0.260	-0.0013	-0.0000	-0.0032
437		0	G	+0.534	-2.129	-0.186	-0.0002	-0.0000	-0.0008
437		1	Q1	-0.033	+4.609	-0.040	-0.0002	-0.0000	+0.0029
437		11	M1	-0.029	+1.888	-0.007	-0.0001	-0.0000	+0.0011
437		12	M2	+0.225	-3.593	-0.034	+0.0002	-0.0000	-0.0025
437		13	M3	+0.004	+2.143	-0.025	-0.0001	-0.0000	+0.0013
437		14	M4	+0.013	-0.404	-0.005	+0.0000	-0.0000	-0.0002
437		15	M5	-0.003	+0.854	-0.017	-0.0001	-0.0000	+0.0005
437		16	M6	+0.164	-1.461	-0.035	+0.0001	-0.0000	-0.0006
437		17	M7	+0.188	-0.844	-0.037	+0.0000	-0.0000	-0.0006
437		M+	A	+0.759	+3.980	+0.000	+0.0000	+0.0000	+0.0030
437		M-	A	+0.000	-5.722	-0.252	-0.0005	-0.0000	-0.0033
438		0	G	+0.526	-1.910	-0.186	-0.0008	-0.0000	-0.0008
438		1	Q1	-0.034	+4.708	-0.041	-0.0002	-0.0000	+0.0029
438		11	M1	-0.029	+1.935	-0.007	-0.0001	-0.0000	+0.0011
438		12	M2	+0.224	-3.570	-0.034	-0.0003	-0.0000	-0.0025
438		13	M3	+0.003	+2.173	-0.025	-0.0001	-0.0000	+0.0013
438		14	M4	+0.013	-0.404	-0.005	+0.0000	+0.0000	-0.0002
438		15	M5	-0.003	+0.897	-0.017	-0.0001	-0.0000	+0.0005
438		16	M6	+0.162	-1.381	-0.035	-0.0005	-0.0000	-0.0006
438		17	M7	+0.186	-0.851	-0.037	+0.0000	-0.0000	-0.0006
438		M+	A	+0.750	+4.319	+0.000	+0.0000	+0.0000	+0.0030
438		M-	A	+0.000	-5.480	-0.253	-0.0014	-0.0000	-0.0033
439		0	G	+0.521	-2.383	-0.179	-0.0002	-0.0000	-0.0006
439		1	Q1	-0.037	+5.533	-0.038	-0.0002	-0.0000	+0.0023
439		11	M1	-0.031	+2.249	-0.006	-0.0001	-0.0000	+0.0009
439		12	M2	+0.222	-4.281	-0.033	+0.0002	-0.0000	-0.0016
439		13	M3	+0.002	+2.578	-0.024	-0.0001	-0.0000	+0.0011
439		14	M4	+0.013	-0.481	-0.004	-0.0000	-0.0000	-0.0002
439		15	M5	-0.004	+1.018	-0.016	-0.0001	-0.0000	+0.0004
439		16	M6	+0.160	-1.587	-0.033	+0.0000	-0.0000	+0.0001
439		17	M7	+0.185	-1.033	-0.037	+0.0000	-0.0000	-0.0005
439		M+	A	+0.743	+4.954	+0.000	+0.0001	+0.0000	+0.0025
439		M-	A	+0.000	-6.664	-0.243	-0.0005	-0.0000	-0.0022
440		0	G	+0.513	-2.169	-0.180	-0.0008	-0.0000	-0.0007
440		1	Q1	-0.038	+5.634	-0.039	-0.0002	-0.0000	+0.0023
440		11	M1	-0.031	+2.299	-0.007	-0.0001	-0.0000	+0.0009
440		12	M2	+0.221	-4.261	-0.033	-0.0003	-0.0000	-0.0016
440		13	M3	+0.001	+2.608	-0.024	-0.0001	-0.0000	+0.0011
440		14	M4	+0.013	-0.480	-0.004	-0.0000	-0.0000	-0.0002
440		15	M5	-0.004	+1.067	-0.016	-0.0001	-0.0000	+0.0004
440		16	M6	+0.158	-1.509	-0.034	-0.0004	-0.0000	+0.0001
440		17	M7	+0.183	-1.045	-0.037	+0.0000	-0.0000	-0.0005
440		M+	A	+0.734	+5.291	+0.000	+0.0000	+0.0000	+0.0025

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
440		M-	A	+0.000	-6.429	-0.244	-0.0013	-0.0000	-0.0023
441		0	G	+0.508	-2.580	-0.172	-0.0001	-0.0000	-0.0005
441		1	Q1	-0.041	+6.257	-0.036	-0.0002	-0.0000	+0.0018
441		11	M1	-0.033	+2.514	-0.006	-0.0001	-0.0000	+0.0006
441		12	M2	+0.219	-4.687	-0.032	+0.0002	-0.0000	-0.0005
441		13	M3	-0.000	+2.927	-0.023	-0.0001	-0.0000	+0.0009
441		14	M4	+0.013	-0.538	-0.004	-0.0000	-0.0000	-0.0001
441		15	M5	-0.005	+1.139	-0.015	-0.0001	-0.0000	+0.0003
441		16	M6	+0.155	-1.623	-0.031	-0.0001	-0.0000	-0.0005
441		17	M7	+0.182	-1.198	-0.036	+0.0000	-0.0000	-0.0004
441		M+	A	+0.727	+5.726	+0.000	+0.0000	+0.0000	+0.0019
441		M-	A	+0.000	-7.267	-0.234	-0.0004	-0.0000	-0.0010
442		0	G	+0.500	-2.376	-0.173	-0.0008	-0.0000	-0.0005
442		1	Q1	-0.042	+6.359	-0.036	-0.0002	-0.0000	+0.0018
442		11	M1	-0.033	+2.566	-0.006	-0.0001	-0.0000	+0.0006
442		12	M2	+0.217	-4.670	-0.032	-0.0002	-0.0000	-0.0006
442		13	M3	-0.001	+2.956	-0.023	-0.0001	-0.0000	+0.0009
442		14	M4	+0.013	-0.537	-0.004	-0.0000	-0.0000	-0.0001
442		15	M5	-0.006	+1.191	-0.015	-0.0001	-0.0000	+0.0003
442		16	M6	+0.154	-1.550	-0.032	-0.0002	-0.0000	-0.0005
442		17	M7	+0.180	-1.216	-0.036	+0.0000	-0.0000	-0.0004
442		M+	A	+0.717	+6.052	+0.000	+0.0000	+0.0000	+0.0018
442		M-	A	+0.000	-7.046	-0.235	-0.0012	-0.0000	-0.0011
443		0	G	+0.495	-2.735	-0.164	-0.0001	-0.0000	-0.0004
443		1	Q1	-0.045	+6.787	-0.034	-0.0002	-0.0000	+0.0012
443		11	M1	-0.034	+2.685	-0.005	-0.0001	-0.0000	+0.0004
443		12	M2	+0.216	-4.920	-0.031	+0.0001	-0.0000	-0.0009
443		13	M3	-0.002	+3.190	-0.022	-0.0001	-0.0000	+0.0006
443		14	M4	+0.013	-0.575	-0.004	-0.0000	-0.0000	-0.0001
443		15	M5	-0.007	+1.217	-0.015	-0.0001	-0.0000	+0.0002
443		16	M6	+0.151	-1.899	-0.030	+0.0001	-0.0000	-0.0008
443		17	M7	+0.179	-1.357	-0.035	+0.0001	-0.0000	-0.0005
443		M+	A	+0.711	+6.285	+0.000	+0.0000	+0.0000	+0.0013
443		M-	A	+0.000	-7.655	-0.223	-0.0004	-0.0000	-0.0014
444		0	G	+0.487	-2.548	-0.165	-0.0007	-0.0000	-0.0005
444		1	Q1	-0.046	+6.887	-0.035	-0.0002	-0.0000	+0.0012
444		11	M1	-0.035	+2.738	-0.005	-0.0001	-0.0000	+0.0004
444		12	M2	+0.214	-4.907	-0.031	-0.0001	-0.0000	-0.0010
444		13	M3	-0.003	+3.218	-0.022	-0.0001	-0.0000	+0.0006
444		14	M4	+0.013	-0.573	-0.004	-0.0000	-0.0000	-0.0001
444		15	M5	-0.007	+1.272	-0.015	-0.0001	-0.0000	+0.0002
444		16	M6	+0.149	-1.831	-0.030	-0.0004	-0.0000	-0.0008
444		17	M7	+0.177	-1.381	-0.035	+0.0000	-0.0000	-0.0005
444		M+	A	+0.701	+6.592	+0.000	+0.0000	+0.0000	+0.0012
444		M-	A	+0.000	-7.455	-0.224	-0.0013	-0.0000	-0.0014
445		0	G	+0.483	-2.874	-0.156	-0.0000	-0.0000	-0.0004
445		1	Q1	-0.048	+7.136	-0.033	-0.0002	-0.0000	+0.0007
445		11	M1	-0.036	+2.767	-0.005	-0.0001	-0.0000	+0.0001
445		12	M2	+0.213	-5.303	-0.029	+0.0002	-0.0000	-0.0009
445		13	M3	-0.004	+3.372	-0.021	-0.0001	-0.0000	+0.0004
445		14	M4	+0.013	-0.593	-0.004	-0.0000	-0.0000	-0.0000
445		15	M5	-0.008	+1.255	-0.014	-0.0001	-0.0000	+0.0000
445		16	M6	+0.146	-2.060	-0.028	+0.0001	-0.0000	-0.0004
445		17	M7	+0.176	-1.600	-0.033	+0.0002	-0.0000	-0.0009
445		M+	A	+0.695	+6.623	+0.000	+0.0002	+0.0000	+0.0006
445		M-	A	+0.000	-8.177	-0.212	-0.0003	-0.0000	-0.0013
446		0	G	+0.474	-2.709	-0.156	-0.0007	-0.0000	-0.0004
446		1	Q1	-0.050	+7.232	-0.033	-0.0002	-0.0000	+0.0007
446		11	M1	-0.037	+2.820	-0.005	-0.0001	-0.0000	+0.0001
446		12	M2	+0.211	-5.295	-0.029	-0.0002	-0.0000	-0.0009
446		13	M3	-0.005	+3.398	-0.021	-0.0001	-0.0000	+0.0004
446		14	M4	+0.013	-0.590	-0.004	-0.0000	-0.0000	-0.0000
446		15	M5	-0.008	+1.311	-0.014	-0.0001	-0.0000	+0.0000
446		16	M6	+0.145	-1.999	-0.028	-0.0004	-0.0000	-0.0004
446		17	M7	+0.174	-1.629	-0.033	-0.0001	-0.0000	-0.0009
446		M+	A	+0.685	+6.902	+0.000	+0.0000	+0.0000	+0.0005
446		M-	A	+0.000	-8.003	-0.212	-0.0012	-0.0000	-0.0014
447		0	G	+0.470	-2.992	-0.147	+0.0000	-0.0000	-0.0003
447		1	Q1	-0.052	+7.286	-0.031	-0.0002	-0.0000	+0.0001
447		11	M1	-0.038	+2.755	-0.005	-0.0001	+0.0000	-0.0002
447		12	M2	+0.210	-5.453	-0.027	+0.0002	-0.0000	-0.0002
447		13	M3	-0.006	+3.464	-0.020	-0.0000	-0.0000	+0.0001
447		14	M4	+0.013	-0.591	-0.004	-0.0000	-0.0000	+0.0000
447		15	M5	-0.009	+1.250	-0.013	-0.0001	-0.0000	-0.0001
447		16	M6	+0.142	-2.181	-0.027	+0.0002	-0.0000	-0.0001
447		17	M7	+0.173	-1.797	-0.030	+0.0003	-0.0000	+0.0000
447		M+	A	+0.679	+6.718	+0.000	+0.0003	+0.0000	+0.0000
447		M-	A	+0.000	-8.445	-0.200	-0.0003	-0.0000	-0.0005
448		0	G	+0.462	-2.855	-0.147	-0.0006	-0.0000	-0.0003
448		1	Q1	-0.054	+7.376	-0.031	-0.0002	-0.0000	+0.0001
448		11	M1	-0.038	+2.807	-0.005	-0.0001	-0.0000	-0.0002
448		12	M2	+0.208	-5.450	-0.027	-0.0003	-0.0000	-0.0002
448		13	M3	-0.007	+3.486	-0.020	-0.0000	-0.0000	+0.0001
448		14	M4	+0.013	-0.588	-0.004	-0.0000	-0.0000	+0.0000
448		15	M5	-0.010	+1.305	-0.013	-0.0001	-0.0000	-0.0001
448		16	M6	+0.140	-2.128	-0.027	-0.0004	-0.0000	-0.0001
448		17	M7	+0.172	-1.833	-0.030	-0.0001	-0.0000	+0.0000
448		M+	A	+0.670	+6.961	+0.000	+0.0000	+0.0000	+0.0000
448		M-	A	+0.000	-8.305	-0.199	-0.0012	-0.0000	-0.0006
449		0	G	+0.457	-3.044	-0.138	+0.0001	-0.0000	-0.0000
449		1	Q1	-0.056	+7.200	-0.029	-0.0002	-0.0000	-0.0006
449		11	M1	-0.040	+2.642	-0.005	-0.0001	+0.0000	-0.0005
449		12	M2	+0.206	-5.415	-0.026	+0.0003	-0.0000	+0.0006
449		13	M3	-0.008	+3.446	-0.019	-0.0000	-0.0000	-0.0002
449		14	M4	+0.014	-0.566	-0.004	-0.0000	-0.0000	+0.0001
449		15	M5	-0.010	+1.199	-0.013	-0.0001	-0.0000	-0.0002
449		16	M6	+0.138	-2.116	-0.026	+0.0001	-0.0000	+0.0003
449		17	M7	+0.170	-1.704	-0.028	+0.0002	-0.0000	+0.0001
449		M+	A	+0.664	+6.568	+0.000	+0.0004	+0.0000	+0.0006
449		M-	A	+0.000	-8.459	-0.187	-0.0002	-0.0000	-0.0009

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
450		0	G	+0.449	-2.939	-0.138	-0.0006	-0.0000	-0.0001
450		1	Q1	-0.057	+7.282	-0.029	-0.0002	-0.0000	-0.0006
450		11	M1	-0.040	+2.692	-0.005	-0.0001	-0.0000	-0.0005
450		12	M2	+0.205	-5.419	-0.025	-0.0003	-0.0000	+0.0006
450		13	M3	-0.009	+3.464	-0.019	-0.0000	-0.0000	-0.0002
450		14	M4	+0.013	-0.564	-0.004	-0.0000	-0.0000	+0.0001
450		15	M5	-0.011	+1.252	-0.013	-0.0001	-0.0000	-0.0002
450		16	M6	+0.136	-2.070	-0.025	-0.0003	-0.0000	+0.0003
450		17	M7	+0.169	-1.745	-0.028	+0.0000	-0.0000	+0.0001
450		M+	A	+0.654	+6.768	+0.000	+0.0000	+0.0000	+0.0004
450		M-	A	+0.000	-8.357	-0.187	-0.0010	-0.0000	-0.0010
451		0	G	+0.445	-2.997	-0.129	+0.0002	-0.0000	+0.0003
451		1	Q1	-0.059	+6.879	-0.028	-0.0002	-0.0000	-0.0012
451		11	M1	-0.042	+2.438	-0.005	-0.0001	+0.0000	-0.0007
451		12	M2	+0.203	-5.062	-0.024	+0.0002	-0.0000	+0.0012
451		13	M3	-0.010	+3.315	-0.017	-0.0000	-0.0000	-0.0005
451		14	M4	+0.014	-0.523	-0.003	-0.0000	-0.0000	+0.0001
451		15	M5	-0.012	+1.107	-0.012	-0.0001	-0.0000	-0.0003
451		16	M6	+0.133	-2.121	-0.024	+0.0002	-0.0000	-0.0002
451		17	M7	+0.167	-1.781	-0.026	+0.0003	-0.0000	-0.0004
451		M+	A	+0.648	+6.202	+0.000	+0.0005	+0.0000	+0.0015
451		M-	A	+0.000	-8.059	-0.175	-0.0001	-0.0000	-0.0014
452		0	G	+0.436	-2.926	-0.129	-0.0005	-0.0000	+0.0002
452		1	Q1	-0.061	+6.951	-0.028	-0.0002	-0.0000	-0.0012
452		11	M1	-0.042	+2.486	-0.005	-0.0001	-0.0000	-0.0007
452		12	M2	+0.202	-5.071	-0.024	-0.0002	-0.0000	+0.0012
452		13	M3	-0.011	+3.328	-0.017	-0.0000	-0.0000	-0.0005
452		14	M4	+0.013	-0.520	-0.003	-0.0000	-0.0000	+0.0001
452		15	M5	-0.012	+1.156	-0.012	-0.0001	-0.0000	-0.0003
452		16	M6	+0.132	-2.084	-0.024	-0.0003	-0.0000	-0.0002
452		17	M7	+0.166	-1.828	-0.026	-0.0001	-0.0000	-0.0004
452		M+	A	+0.638	+6.354	+0.000	+0.0000	+0.0000	+0.0014
452		M-	A	+0.000	-7.998	-0.175	-0.0009	-0.0000	-0.0015
453		0	G	+0.432	-2.869	-0.120	+0.0003	-0.0000	+0.0004
453		1	Q1	-0.063	+6.393	-0.026	-0.0001	-0.0000	-0.0015
453		11	M1	-0.043	+2.181	-0.005	-0.0001	-0.0000	-0.0008
453		12	M2	+0.200	-4.731	-0.022	+0.0003	-0.0000	+0.0008
453		13	M3	-0.012	+3.099	-0.016	-0.0000	-0.0000	-0.0007
453		14	M4	+0.014	-0.467	-0.003	-0.0000	-0.0000	+0.0002
453		15	M5	-0.013	+0.991	-0.012	-0.0001	-0.0000	-0.0003
453		16	M6	+0.129	-2.015	-0.023	+0.0002	-0.0000	+0.0008
453		17	M7	+0.165	-1.776	-0.024	+0.0004	-0.0000	+0.0003
453		M+	A	+0.632	+5.694	+0.000	+0.0006	+0.0000	+0.0013
453		M-	A	+0.000	-7.600	-0.163	+0.0000	-0.0000	-0.0016
454		0	G	+0.423	-2.833	-0.120	-0.0004	-0.0000	+0.0003
454		1	Q1	-0.065	+6.455	-0.026	-0.0001	-0.0000	-0.0015
454		11	M1	-0.044	+2.226	-0.005	-0.0001	-0.0000	-0.0008
454		12	M2	+0.198	-4.746	-0.022	-0.0002	-0.0000	+0.0008
454		13	M3	-0.013	+3.108	-0.016	-0.0000	-0.0000	-0.0007
454		14	M4	+0.014	-0.466	-0.003	-0.0000	-0.0000	+0.0002
454		15	M5	-0.014	+1.036	-0.012	-0.0001	-0.0000	-0.0004
454		16	M6	+0.127	-1.986	-0.023	-0.0003	-0.0000	+0.0008
454		17	M7	+0.163	-1.827	-0.024	-0.0002	-0.0000	+0.0003
454		M+	A	+0.622	+5.798	+0.000	+0.0000	+0.0000	+0.0012
454		M-	A	+0.000	-7.579	-0.163	-0.0008	-0.0000	-0.0017
455		0	G	+0.419	-2.697	-0.114	+0.0003	-0.0000	+0.0005
455		1	Q1	-0.066	+5.819	-0.025	-0.0001	-0.0000	-0.0017
455		11	M1	-0.045	+1.907	-0.005	-0.0001	-0.0000	-0.0008
455		12	M2	+0.197	-4.270	-0.021	+0.0003	-0.0000	+0.0018
455		13	M3	-0.014	+2.835	-0.015	-0.0000	-0.0000	-0.0008
455		14	M4	+0.014	-0.409	-0.003	-0.0000	-0.0000	+0.0002
455		15	M5	-0.014	+0.866	-0.011	-0.0001	-0.0000	-0.0004
455		16	M6	+0.125	-1.666	-0.022	+0.0000	-0.0000	+0.0009
455		17	M7	+0.162	-1.609	-0.022	+0.0003	-0.0000	+0.0008
455		M+	A	+0.616	+5.107	+0.000	+0.0007	+0.0000	+0.0023
455		M-	A	+0.000	-6.967	-0.154	+0.0000	-0.0000	-0.0017
456		0	G	+0.411	-2.693	-0.113	-0.0003	-0.0000	+0.0004
456		1	Q1	-0.068	+5.872	-0.025	-0.0001	-0.0000	-0.0017
456		11	M1	-0.045	+1.948	-0.005	-0.0001	-0.0000	-0.0008
456		12	M2	+0.195	-4.290	-0.021	-0.0002	-0.0000	+0.0018
456		13	M3	-0.015	+2.839	-0.015	-0.0000	-0.0000	-0.0008
456		14	M4	+0.014	-0.408	-0.003	-0.0000	-0.0000	+0.0002
456		15	M5	-0.015	+0.907	-0.011	-0.0001	-0.0000	-0.0004
456		16	M6	+0.123	-1.645	-0.021	-0.0001	-0.0000	+0.0009
456		17	M7	+0.160	-1.663	-0.022	-0.0001	-0.0000	+0.0008
456		M+	A	+0.606	+5.166	+0.000	+0.0000	+0.0000	+0.0022
456		M-	A	+0.000	-6.983	-0.153	-0.0006	-0.0000	-0.0018
457		0	G	+0.407	-2.483	-0.109	+0.0004	-0.0000	+0.0007
457		1	Q1	-0.070	+5.185	-0.024	-0.0001	-0.0000	-0.0019
457		11	M1	-0.047	+1.629	-0.004	-0.0001	-0.0000	-0.0008
457		12	M2	+0.194	-3.573	-0.020	+0.0001	-0.0000	+0.0019
457		13	M3	-0.016	+2.536	-0.015	-0.0000	-0.0000	-0.0009
457		14	M4	+0.014	-0.349	-0.003	-0.0000	-0.0000	+0.0002
457		15	M5	-0.015	+0.740	-0.010	-0.0001	-0.0000	-0.0004
457		16	M6	+0.120	-1.410	-0.020	-0.0000	-0.0000	+0.0006
457		17	M7	+0.159	-1.323	-0.022	+0.0002	+0.0000	+0.0005
457		M+	A	+0.600	+4.478	+0.000	+0.0006	+0.0000	+0.0026
457		M-	A	+0.000	-6.056	-0.148	+0.0000	-0.0000	-0.0018
458		0	G	+0.398	-2.509	-0.108	-0.0003	-0.0000	+0.0006
458		1	Q1	-0.072	+5.229	-0.024	-0.0001	-0.0000	-0.0019
458		11	M1	-0.047	+1.666	-0.004	-0.0001	-0.0000	-0.0008
458		12	M2	+0.192	-3.598	-0.020	-0.0000	-0.0000	+0.0019
458		13	M3	-0.017	+2.536	-0.015	+0.0000	-0.0000	-0.0009
458		14	M4	+0.014	-0.349	-0.003	-0.0000	-0.0000	+0.0002
458		15	M5	-0.016	+0.776	-0.010	-0.0001	-0.0000	-0.0004
458		16	M6	+0.119	-1.396	-0.020	-0.0000	-0.0000	+0.0006
458		17	M7	+0.157	-1.380	-0.022	+0.0000	-0.0000	+0.0005
458		M+	A	+0.590	+4.495	+0.000	+0.0000	+0.0000	+0.0025
458		M-	A	+0.000	-6.106	-0.147	-0.0004	-0.0000	-0.0019
459		0	G	+0.394	-2.201	-0.106	+0.0004	-0.0000	+0.0009
459		1	Q1	-0.073	+4.485	-0.022	-0.0001	-0.0000	-0.0021

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
459	_____	11	M1	-0.048	+1.348	-0.004	-0.0001	-0.0000	-0.0008
459	_____	12	M2	+0.190	-2.960	-0.020	+0.0001	-0.0000	+0.0016
459	_____	13	M3	-0.018	+2.204	-0.014	+0.0000	-0.0000	-0.0010
459	_____	14	M4	+0.014	-0.289	-0.003	+0.0000	-0.0000	+0.0002
459	_____	15	M5	-0.016	+0.613	-0.010	-0.0001	-0.0000	-0.0004
459	_____	16	M6	+0.116	-1.205	-0.019	-0.0000	-0.0000	+0.0006
459	_____	17	M7	+0.156	-1.282	-0.022	+0.0003	+0.0000	-0.0001
459	_____	M+	A	+0.584	+3.827	+0.000	+0.0008	+0.0000	+0.0025
459	_____	M-	A	+0.000	-5.160	-0.144	+0.0000	-0.0000	-0.0019
460	_____	0	G	+0.385	-2.253	-0.105	-0.0002	-0.0000	+0.0008
460	_____	1	Q1	-0.075	+4.520	-0.022	-0.0001	-0.0000	-0.0021
460	_____	11	M1	-0.049	+1.382	-0.004	-0.0001	-0.0000	-0.0008
460	_____	12	M2	+0.189	-2.988	-0.019	+0.0001	-0.0000	+0.0016
460	_____	13	M3	-0.019	+2.200	-0.014	+0.0000	-0.0000	-0.0010
460	_____	14	M4	+0.014	-0.289	-0.003	+0.0000	-0.0000	+0.0002
460	_____	15	M5	-0.017	+0.643	-0.009	-0.0001	-0.0000	-0.0004
460	_____	16	M6	+0.114	-1.197	-0.019	-0.0000	-0.0000	+0.0006
460	_____	17	M7	+0.154	-1.341	-0.022	-0.0001	+0.0000	-0.0001
460	_____	M+	A	+0.574	+3.807	+0.000	+0.0000	+0.0000	+0.0025
460	_____	M-	A	+0.000	-5.240	-0.142	-0.0003	-0.0000	-0.0020
461	_____	0	G	+0.382	-1.842	-0.103	+0.0005	-0.0000	+0.0011
461	_____	1	Q1	-0.077	+3.710	-0.021	-0.0001	-0.0000	-0.0023
461	_____	11	M1	-0.050	+1.068	-0.003	-0.0001	-0.0000	-0.0008
461	_____	12	M2	+0.187	-2.382	-0.019	+0.0001	-0.0000	+0.0017
461	_____	13	M3	-0.019	+1.823	-0.014	+0.0000	-0.0000	-0.0012
461	_____	14	M4	+0.014	-0.229	-0.003	+0.0000	-0.0000	+0.0002
461	_____	15	M5	-0.017	+0.485	-0.009	-0.0001	-0.0000	-0.0004
461	_____	16	M6	+0.112	-0.980	-0.018	-0.0000	-0.0000	+0.0007
461	_____	17	M7	+0.153	-1.150	-0.023	+0.0004	+0.0000	+0.0006
461	_____	M+	A	+0.569	+3.144	+0.000	+0.0009	+0.0000	+0.0027
461	_____	M-	A	+0.000	-4.223	-0.141	+0.0000	-0.0000	-0.0020
462	_____	0	G	+0.373	-1.917	-0.103	-0.0002	-0.0000	+0.0010
462	_____	1	Q1	-0.079	+3.736	-0.021	-0.0001	-0.0000	-0.0023
462	_____	11	M1	-0.051	+1.099	-0.003	-0.0001	-0.0000	-0.0008
462	_____	12	M2	+0.185	-2.412	-0.019	+0.0001	+0.0000	+0.0016
462	_____	13	M3	-0.021	+1.816	-0.014	+0.0000	-0.0000	-0.0012
462	_____	14	M4	+0.014	-0.230	-0.003	+0.0000	-0.0000	+0.0002
462	_____	15	M5	-0.018	+0.511	-0.009	-0.0001	-0.0000	-0.0004
462	_____	16	M6	+0.110	-0.977	-0.018	-0.0000	-0.0000	+0.0007
462	_____	17	M7	+0.151	-1.210	-0.023	-0.0001	+0.0000	+0.0006
462	_____	M+	A	+0.558	+3.090	+0.000	+0.0000	+0.0000	+0.0027
462	_____	M-	A	+0.000	-4.329	-0.140	-0.0003	-0.0000	-0.0021
463	_____	0	G	+0.369	-1.445	-0.100	+0.0006	-0.0000	+0.0011
463	_____	1	Q1	-0.080	+2.865	-0.019	-0.0000	-0.0000	-0.0025
463	_____	11	M1	-0.052	+0.793	-0.002	-0.0001	-0.0000	-0.0008
463	_____	12	M2	+0.184	-1.787	-0.019	+0.0001	-0.0000	+0.0017
463	_____	13	M3	-0.021	+1.315	-0.014	+0.0001	-0.0000	-0.0017
463	_____	14	M4	+0.014	-0.170	-0.003	+0.0000	-0.0000	+0.0002
463	_____	15	M5	-0.019	+0.361	-0.008	-0.0000	-0.0000	-0.0003
463	_____	16	M6	+0.107	-0.737	-0.017	+0.0000	-0.0000	+0.0007
463	_____	17	M7	+0.150	-0.861	-0.023	+0.0004	+0.0000	+0.0012
463	_____	M+	A	+0.553	+2.340	+0.000	+0.0009	+0.0000	+0.0028
463	_____	M-	A	+0.000	-3.232	-0.137	+0.0000	-0.0000	-0.0026
464	_____	0	G	+0.360	-1.539	-0.102	-0.0001	+0.0000	+0.0011
464	_____	1	Q1	-0.082	+2.883	-0.020	-0.0000	-0.0000	-0.0025
464	_____	11	M1	-0.052	+0.820	-0.002	-0.0001	-0.0000	-0.0008
464	_____	12	M2	+0.182	-1.820	-0.019	+0.0001	+0.0000	+0.0017
464	_____	13	M3	-0.022	+1.305	-0.014	-0.0001	+0.0000	-0.0017
464	_____	14	M4	+0.014	-0.172	-0.003	+0.0000	-0.0000	+0.0002
464	_____	15	M5	-0.020	+0.382	-0.008	-0.0000	-0.0000	-0.0004
464	_____	16	M6	+0.106	-0.740	-0.018	+0.0000	-0.0000	+0.0007
464	_____	17	M7	+0.148	-0.921	-0.024	-0.0001	+0.0000	+0.0012
464	_____	M+	A	+0.542	+2.258	+0.000	+0.0000	+0.0000	+0.0028
464	_____	M-	A	+0.000	-3.359	-0.141	-0.0003	-0.0000	-0.0026
465	_____	0	G	+0.357	-1.029	-0.094	+0.0006	-0.0000	+0.0014
465	_____	1	Q1	-0.084	+1.960	-0.017	-0.0000	-0.0000	-0.0026
465	_____	11	M1	-0.053	+0.524	-0.001	-0.0001	-0.0000	-0.0008
465	_____	12	M2	+0.181	-1.184	-0.018	+0.0001	-0.0000	+0.0017
465	_____	13	M3	-0.023	+0.727	-0.013	+0.0003	-0.0000	-0.0013
465	_____	14	M4	+0.014	-0.112	-0.003	+0.0000	-0.0000	+0.0002
465	_____	15	M5	-0.020	+0.238	-0.006	-0.0000	-0.0000	-0.0003
465	_____	16	M6	+0.103	-0.489	-0.015	+0.0000	-0.0000	+0.0007
465	_____	17	M7	+0.147	-0.478	-0.023	+0.0002	-0.0000	+0.0008
465	_____	M+	A	+0.537	+1.440	+0.000	+0.0009	+0.0000	+0.0031
465	_____	M-	A	+0.000	-2.214	-0.129	+0.0000	-0.0000	-0.0021
466	_____	0	G	+0.348	-1.146	-0.103	-0.0001	+0.0000	+0.0012
466	_____	1	Q1	-0.086	+1.971	-0.020	-0.0000	-0.0000	-0.0026
466	_____	11	M1	-0.054	+0.548	-0.002	-0.0001	-0.0000	-0.0008
466	_____	12	M2	+0.179	-1.220	-0.020	+0.0001	+0.0000	+0.0017
466	_____	13	M3	-0.024	+0.714	-0.015	-0.0002	+0.0000	-0.0013
466	_____	14	M4	+0.014	-0.115	-0.002	+0.0000	-0.0000	+0.0002
466	_____	15	M5	-0.021	+0.255	-0.007	-0.0000	-0.0000	-0.0004
466	_____	16	M6	+0.101	-0.497	-0.018	+0.0000	+0.0000	+0.0007
466	_____	17	M7	+0.145	-0.540	-0.026	+0.0000	+0.0000	+0.0007
466	_____	M+	A	+0.527	+1.324	+0.000	+0.0000	+0.0000	+0.0029
466	_____	M-	A	+0.000	-2.366	-0.143	-0.0003	+0.0000	-0.0024
467	_____	0	G	+0.344	-0.426	-0.087	+0.0003	-0.0000	+0.0021
467	_____	1	Q1	-0.087	+1.000	-0.015	-0.0000	-0.0000	-0.0028
467	_____	11	M1	-0.055	+0.244	+0.001	-0.0000	-0.0000	-0.0008
467	_____	12	M2	+0.177	-0.551	-0.016	+0.0000	-0.0000	+0.0018
467	_____	13	M3	-0.025	+0.419	-0.012	+0.0001	-0.0000	-0.0008
467	_____	14	M4	+0.014	-0.052	-0.002	+0.0000	-0.0000	+0.0002
467	_____	15	M5	-0.021	+0.111	-0.005	-0.0000	-0.0000	-0.0004
467	_____	16	M6	+0.099	-0.228	-0.013	+0.0000	-0.0000	+0.0008
467	_____	17	M7	+0.144	-0.264	-0.023	+0.0002	-0.0000	+0.0007
467	_____	M+	A	+0.521	+0.868	+0.000	+0.0005	+0.0000	+0.0039
467	_____	M-	A	+0.000	-0.976	-0.120	+0.0000	-0.0000	-0.0013
468	_____	0	G	+0.335	-0.540	-0.103	+0.0002	-0.0000	+0.0027
468	_____	1	Q1	-0.089	+1.005	-0.019	-0.0000	-0.0000	-0.0028
468	_____	11	M1	-0.055	+0.262	-0.002	-0.0001	-0.0000	-0.0009
468	_____	12	M2	+0.176	-0.584	-0.020	+0.0001	-0.0000	+0.0020

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
468	_____	13	M3	-0.026	+0.406	-0.015	-0.0000	-0.0000	-0.0007
468	_____	14	M4	+0.014	-0.055	-0.002	+0.0000	-0.0000	+0.0002
468	_____	15	M5	-0.022	+0.122	-0.007	-0.0000	-0.0000	-0.0004
468	_____	16	M6	+0.097	-0.238	-0.018	+0.0000	-0.0000	+0.0008
468	_____	17	M7	+0.142	-0.317	-0.026	+0.0001	-0.0000	+0.0010
468	_____	M+	A	+0.511	+0.749	+0.000	+0.0003	+0.0000	+0.0047
468	_____	M-	A	+0.000	-1.124	-0.143	+0.0000	-0.0000	-0.0007
469	_____	0	G	+0.332	+0.118	-0.088	-0.0005	+0.0000	+0.0001
469	_____	1	Q1	-0.090	-0.043	-0.015	+0.0000	+0.0000	-0.0031
469	_____	11	M1	-0.056	-0.031	-0.000	+0.0001	+0.0000	-0.0007
469	_____	12	M2	+0.174	+0.065	-0.017	-0.0001	+0.0000	+0.0015
469	_____	13	M3	-0.027	-0.022	-0.012	-0.0000	+0.0000	-0.0017
469	_____	14	M4	+0.014	+0.006	-0.002	-0.0000	-0.0000	+0.0001
469	_____	15	M5	-0.022	-0.015	-0.005	+0.0000	+0.0000	-0.0003
469	_____	16	M6	+0.095	+0.023	-0.014	-0.0001	+0.0000	+0.0006
469	_____	17	M7	+0.141	+0.015	-0.024	-0.0002	+0.0000	+0.0002
469	_____	M+	A	+0.506	+0.183	+0.000	+0.0000	+0.0001	+0.0016
469	_____	M-	A	+0.000	+0.000	-0.122	-0.0007	+0.0000	-0.0041
470	_____	0	G	+0.323	+0.276	-0.090	+0.0000	-0.0001	+0.0001
470	_____	1	Q1	-0.092	-0.022	-0.015	-0.0001	-0.0000	-0.0031
470	_____	11	M1	-0.057	-0.043	+0.000	-0.0000	-0.0000	-0.0007
470	_____	12	M2	+0.172	+0.093	-0.018	+0.0001	-0.0000	+0.0015
470	_____	13	M3	-0.028	+0.010	-0.013	-0.0001	-0.0000	-0.0017
470	_____	14	M4	+0.014	+0.009	-0.002	+0.0000	+0.0000	+0.0001
470	_____	15	M5	-0.023	-0.020	-0.005	-0.0000	-0.0000	-0.0003
470	_____	16	M6	+0.093	+0.036	-0.014	+0.0000	-0.0000	+0.0006
470	_____	17	M7	+0.139	+0.092	-0.024	-0.0001	-0.0000	+0.0002
470	_____	M+	A	+0.495	+0.369	+0.000	+0.0001	+0.0000	+0.0015
470	_____	M-	A	+0.000	+0.000	-0.125	-0.0001	-0.0001	-0.0042
471	_____	0	G	+0.330	-0.280	-0.088	+0.0004	-0.0000	-0.0018
471	_____	1	Q1	-0.090	-1.140	-0.016	+0.0002	-0.0000	-0.0035
471	_____	11	M1	-0.056	-0.213	-0.001	-0.0000	-0.0000	-0.0005
471	_____	12	M2	+0.173	+0.472	-0.017	+0.0000	-0.0000	+0.0012
471	_____	13	M3	-0.027	-0.696	-0.013	+0.0002	-0.0000	-0.0021
471	_____	14	M4	+0.014	+0.046	-0.002	+0.0000	-0.0000	+0.0001
471	_____	15	M5	-0.022	-0.096	-0.005	+0.0000	-0.0000	-0.0002
471	_____	16	M6	+0.094	+0.194	-0.015	+0.0000	-0.0000	+0.0005
471	_____	17	M7	+0.140	-0.130	-0.024	+0.0002	-0.0000	-0.0004
471	_____	M+	A	+0.504	+0.193	+0.000	+0.0007	+0.0000	+0.0000
471	_____	M-	A	+0.000	-1.907	-0.123	+0.0000	-0.0000	-0.0067
472	_____	0	G	+0.321	-0.418	-0.075	+0.0003	-0.0000	-0.0026
472	_____	1	Q1	-0.092	-1.146	-0.012	-0.0002	-0.0000	-0.0036
472	_____	11	M1	-0.057	-0.200	+0.001	-0.0001	-0.0000	-0.0005
472	_____	12	M2	+0.172	+0.437	-0.014	+0.0001	-0.0000	+0.0010
472	_____	13	M3	-0.028	-0.712	-0.010	-0.0001	-0.0000	-0.0022
472	_____	14	M4	+0.014	+0.042	-0.002	+0.0000	-0.0000	+0.0001
472	_____	15	M5	-0.023	-0.093	-0.004	-0.0000	-0.0000	-0.0002
472	_____	16	M6	+0.093	+0.177	-0.010	+0.0001	-0.0000	+0.0004
472	_____	17	M7	+0.138	-0.180	-0.021	+0.0001	-0.0000	-0.0008
472	_____	M+	A	+0.493	+0.019	+0.000	+0.0004	+0.0000	+0.0000
472	_____	M-	A	+0.000	-2.063	-0.104	+0.0000	-0.0000	-0.0077
473	_____	0	G	+0.329	-0.768	-0.077	+0.0007	-0.0000	-0.0012
473	_____	1	Q1	-0.090	-2.189	-0.014	+0.0003	-0.0000	-0.0030
473	_____	11	M1	-0.056	-0.387	-0.001	-0.0000	-0.0000	-0.0006
473	_____	12	M2	+0.173	+0.857	-0.015	+0.0001	-0.0000	+0.0012
473	_____	13	M3	-0.027	-1.313	-0.011	+0.0003	-0.0000	-0.0016
473	_____	14	M4	+0.014	+0.084	-0.002	+0.0000	-0.0000	+0.0001
473	_____	15	M5	-0.022	-0.175	-0.005	-0.0000	-0.0000	-0.0003
473	_____	16	M6	+0.094	+0.353	-0.013	+0.0000	-0.0000	+0.0005
473	_____	17	M7	+0.140	-0.210	-0.021	+0.0002	-0.0000	-0.0003
473	_____	M+	A	+0.502	+0.089	+0.000	+0.0012	+0.0000	+0.0000
473	_____	M-	A	+0.000	-3.877	-0.107	+0.0000	-0.0001	-0.0054
474	_____	0	G	+0.320	-0.941	-0.068	+0.0001	-0.0000	-0.0011
474	_____	1	Q1	-0.092	-2.203	-0.011	-0.0002	-0.0000	-0.0030
474	_____	11	M1	-0.057	-0.375	+0.001	-0.0000	+0.0000	-0.0006
474	_____	12	M2	+0.171	+0.816	-0.013	+0.0001	-0.0000	+0.0013
474	_____	13	M3	-0.028	-1.334	-0.009	-0.0002	-0.0000	-0.0016
474	_____	14	M4	+0.014	+0.079	-0.002	+0.0000	-0.0000	+0.0001
474	_____	15	M5	-0.023	-0.173	-0.004	-0.0000	+0.0000	-0.0003
474	_____	16	M6	+0.092	+0.331	-0.009	+0.0000	-0.0000	+0.0005
474	_____	17	M7	+0.138	-0.270	-0.019	+0.0001	-0.0000	-0.0002
474	_____	M+	A	+0.492	+0.000	+0.000	+0.0001	+0.0000	+0.0002
474	_____	M-	A	+0.000	-4.078	-0.094	-0.0003	-0.0000	-0.0052
475	_____	0	G	+0.328	-1.065	-0.064	+0.0007	-0.0000	-0.0008
475	_____	1	Q1	-0.089	-3.102	-0.011	+0.0003	-0.0000	-0.0026
475	_____	11	M1	-0.056	-0.564	-0.000	-0.0000	-0.0000	-0.0005
475	_____	12	M2	+0.172	+1.243	-0.012	+0.0001	-0.0000	+0.0011
475	_____	13	M3	-0.026	-1.701	-0.009	+0.0002	-0.0000	-0.0010
475	_____	14	M4	+0.014	+0.122	-0.002	+0.0000	-0.0000	+0.0001
475	_____	15	M5	-0.022	-0.255	-0.004	+0.0000	-0.0000	-0.0002
475	_____	16	M6	+0.094	+0.511	-0.010	+0.0001	-0.0000	+0.0005
475	_____	17	M7	+0.139	-0.409	-0.017	+0.0003	-0.0000	-0.0009
475	_____	M+	A	+0.501	+0.178	+0.000	+0.0012	+0.0000	+0.0003
475	_____	M-	A	+0.000	-5.358	-0.089	+0.0000	-0.0001	-0.0042
476	_____	0	G	+0.319	-1.242	-0.061	+0.0001	-0.0000	-0.0009
476	_____	1	Q1	-0.092	-3.120	-0.010	-0.0002	-0.0000	-0.0027
476	_____	11	M1	-0.056	-0.555	+0.000	-0.0000	+0.0000	-0.0005
476	_____	12	M2	+0.171	+1.203	-0.012	+0.0001	-0.0000	+0.0011
476	_____	13	M3	-0.028	-1.723	-0.009	-0.0001	-0.0000	-0.0010
476	_____	14	M4	+0.014	+0.117	-0.002	+0.0000	-0.0000	+0.0001
476	_____	15	M5	-0.023	-0.257	-0.004	+0.0000	+0.0000	-0.0002
476	_____	16	M6	+0.092	+0.487	-0.009	+0.0001	-0.0000	+0.0005
476	_____	17	M7	+0.138	-0.465	-0.016	-0.0000	-0.0000	-0.0009
476	_____	M+	A	+0.490	+0.000	+0.000	+0.0001	+0.0000	+0.0003
476	_____	M-	A	+0.000	-5.569	-0.084	-0.0002	-0.0000	-0.0042
477	_____	0	G	+0.327	-1.330	-0.052	+0.0007	-0.0000	-0.0008
477	_____	1	Q1	-0.089	-3.884	-0.010	+0.0003	-0.0000	-0.0022
477	_____	11	M1	-0.056	-0.718	-0.001	-0.0000	+0.0000	-0.0004
477	_____	12	M2	+0.172	+1.576	-0.010	+0.0001	-0.0000	+0.0009
477	_____	13	M3	-0.026	-2.121	-0.007	+0.0001	-0.0000	-0.0016
477	_____	14	M4	+0.014	+0.155	-0.001	+0.0000	-0.0000	+0.0001

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
477	_____	15	M5	-0.022	-0.325	-0.004	+0.0000	-0.0000	-0.0002
477	_____	16	M6	+0.093	+0.647	-0.008	+0.0001	-0.0000	+0.0004
477	_____	17	M7	+0.139	-0.616	-0.013	+0.0004	-0.0000	-0.0003
477	_____	M+	A	+0.499	+0.247	+0.000	+0.0013	+0.0000	+0.0001
477	_____	M-	A	+0.000	-6.698	-0.071	+0.0000	-0.0001	-0.0041
478	_____	0	G	+0.318	-1.515	-0.052	+0.0001	-0.0000	-0.0008
478	_____	1	Q1	-0.091	-3.906	-0.009	-0.0002	-0.0000	-0.0022
478	_____	11	M1	-0.056	-0.712	-0.000	-0.0000	+0.0000	-0.0004
478	_____	12	M2	+0.170	+1.535	-0.010	+0.0001	-0.0000	+0.0009
478	_____	13	M3	-0.028	-2.144	-0.007	-0.0000	-0.0000	-0.0016
478	_____	14	M4	+0.014	+0.150	-0.001	+0.0000	-0.0000	+0.0001
478	_____	15	M5	-0.023	-0.329	-0.004	+0.0000	-0.0000	-0.0002
478	_____	16	M6	+0.092	+0.620	-0.008	+0.0001	-0.0000	+0.0004
478	_____	17	M7	+0.137	-0.671	-0.013	-0.0001	-0.0000	-0.0003
478	_____	M+	A	+0.489	+0.020	+0.000	+0.0002	+0.0000	+0.0001
478	_____	M-	A	+0.000	-6.923	-0.071	-0.0002	-0.0000	-0.0041
479	_____	0	G	+0.326	-1.562	-0.041	+0.0007	-0.0000	-0.0006
479	_____	1	Q1	-0.089	-4.485	-0.008	+0.0003	-0.0000	-0.0015
479	_____	11	M1	-0.056	-0.836	-0.001	-0.0000	+0.0000	-0.0003
479	_____	12	M2	+0.171	+1.829	-0.008	+0.0001	-0.0000	+0.0006
479	_____	13	M3	-0.026	-2.592	-0.006	+0.0003	-0.0000	-0.0011
479	_____	14	M4	+0.014	+0.180	-0.001	+0.0000	-0.0000	+0.0001
479	_____	15	M5	-0.022	-0.378	-0.003	+0.0000	-0.0000	-0.0001
479	_____	16	M6	+0.093	+0.749	-0.007	+0.0001	-0.0000	+0.0003
479	_____	17	M7	+0.138	-0.704	-0.009	+0.0004	-0.0000	-0.0001
479	_____	M+	A	+0.497	+0.267	+0.000	+0.0013	+0.0000	+0.0000
479	_____	M-	A	+0.000	-7.862	-0.056	+0.0000	-0.0000	-0.0029
480	_____	0	G	+0.317	-1.752	-0.042	+0.0001	-0.0000	-0.0006
480	_____	1	Q1	-0.091	-4.510	-0.008	-0.0002	-0.0000	-0.0016
480	_____	11	M1	-0.056	-0.832	-0.001	-0.0000	+0.0000	-0.0003
480	_____	12	M2	+0.170	+1.788	-0.008	+0.0001	-0.0000	+0.0006
480	_____	13	M3	-0.028	-2.616	-0.006	-0.0002	-0.0000	-0.0011
480	_____	14	M4	+0.014	+0.175	-0.001	+0.0000	-0.0000	+0.0001
480	_____	15	M5	-0.023	-0.385	-0.003	+0.0000	-0.0000	-0.0001
480	_____	16	M6	+0.091	+0.721	-0.007	+0.0001	-0.0000	+0.0003
480	_____	17	M7	+0.137	-0.758	-0.010	-0.0001	-0.0000	-0.0001
480	_____	M+	A	+0.487	+0.036	+0.000	+0.0002	+0.0000	+0.0000
480	_____	M-	A	+0.000	-8.093	-0.057	-0.0002	-0.0000	-0.0029
481	_____	0	G	+0.325	-1.720	-0.032	+0.0007	-0.0000	-0.0003
481	_____	1	Q1	-0.089	-4.861	-0.007	+0.0003	-0.0000	-0.0008
481	_____	11	M1	-0.056	-0.912	-0.001	-0.0000	+0.0000	-0.0002
481	_____	12	M2	+0.171	+1.989	-0.006	+0.0001	-0.0000	+0.0003
481	_____	13	M3	-0.026	-2.820	-0.004	+0.0003	-0.0000	-0.0006
481	_____	14	M4	+0.014	+0.197	-0.001	+0.0000	-0.0000	+0.0000
481	_____	15	M5	-0.022	-0.412	-0.003	+0.0000	-0.0000	-0.0001
481	_____	16	M6	+0.093	+0.814	-0.006	+0.0001	-0.0000	+0.0001
481	_____	17	M7	+0.138	-0.639	-0.006	+0.0002	-0.0000	+0.0003
481	_____	M+	A	+0.496	+0.268	+0.000	+0.0012	+0.0000	+0.0000
481	_____	M-	A	+0.000	-8.555	-0.043	+0.0000	-0.0000	-0.0015
482	_____	0	G	+0.317	-1.909	-0.032	+0.0001	-0.0000	-0.0003
482	_____	1	Q1	-0.091	-4.889	-0.007	-0.0002	-0.0000	-0.0008
482	_____	11	M1	-0.056	-0.909	-0.001	-0.0000	+0.0000	-0.0002
482	_____	12	M2	+0.169	+1.949	-0.006	+0.0001	-0.0000	+0.0003
482	_____	13	M3	-0.027	-2.844	-0.004	-0.0002	-0.0000	-0.0006
482	_____	14	M4	+0.014	+0.192	-0.001	+0.0000	-0.0000	+0.0000
482	_____	15	M5	-0.023	-0.421	-0.003	+0.0000	-0.0000	-0.0001
482	_____	16	M6	+0.091	+0.784	-0.006	+0.0001	-0.0000	+0.0001
482	_____	17	M7	+0.136	-0.690	-0.006	+0.0000	-0.0000	+0.0003
482	_____	M+	A	+0.486	+0.040	+0.000	+0.0002	+0.0000	+0.0000
482	_____	M-	A	+0.000	-8.788	-0.043	-0.0002	-0.0000	-0.0015
483	_____	0	G	+0.324	-1.787	-0.024	+0.0007	-0.0000	-0.0001
483	_____	1	Q1	-0.089	-4.989	-0.006	+0.0003	-0.0000	-0.0000
483	_____	11	M1	-0.055	-0.941	-0.002	-0.0000	+0.0000	-0.0000
483	_____	12	M2	+0.170	+2.046	-0.004	+0.0001	-0.0000	+0.0000
483	_____	13	M3	-0.026	-2.915	-0.003	+0.0003	-0.0000	+0.0001
483	_____	14	M4	+0.014	+0.203	-0.001	+0.0000	-0.0000	+0.0000
483	_____	15	M5	-0.022	-0.425	-0.003	+0.0000	-0.0000	-0.0000
483	_____	16	M6	+0.093	+0.836	-0.005	+0.0001	-0.0000	+0.0000
483	_____	17	M7	+0.138	-0.659	-0.004	+0.0002	-0.0000	-0.0005
483	_____	M+	A	+0.494	+0.259	+0.000	+0.0012	+0.0000	+0.0000
483	_____	M-	A	+0.000	-8.816	-0.033	+0.0000	-0.0000	-0.0006
484	_____	0	G	+0.316	-1.969	-0.023	+0.0001	-0.0000	-0.0001
484	_____	1	Q1	-0.090	-5.017	-0.006	-0.0002	-0.0000	-0.0000
484	_____	11	M1	-0.056	-0.939	-0.002	-0.0000	+0.0000	-0.0000
484	_____	12	M2	+0.169	+2.008	-0.004	+0.0001	-0.0000	+0.0000
484	_____	13	M3	-0.027	-2.939	-0.003	-0.0002	-0.0000	+0.0001
484	_____	14	M4	+0.014	+0.198	-0.001	+0.0000	-0.0000	+0.0000
484	_____	15	M5	-0.022	-0.434	-0.003	+0.0000	-0.0000	-0.0000
484	_____	16	M6	+0.091	+0.807	-0.005	+0.0001	-0.0000	+0.0000
484	_____	17	M7	+0.136	-0.706	-0.004	+0.0000	-0.0000	-0.0004
484	_____	M+	A	+0.485	+0.039	+0.000	+0.0002	+0.0000	+0.0000
484	_____	M-	A	+0.000	-9.043	-0.032	-0.0002	-0.0000	-0.0005
485	_____	0	G	+0.323	-1.781	-0.017	+0.0007	-0.0000	+0.0001
485	_____	1	Q1	-0.088	-4.898	-0.005	+0.0003	-0.0000	+0.0006
485	_____	11	M1	-0.055	-0.925	-0.002	-0.0000	-0.0000	+0.0001
485	_____	12	M2	+0.170	+2.007	-0.003	+0.0001	-0.0000	-0.0003
485	_____	13	M3	-0.026	-2.758	-0.002	+0.0002	-0.0000	+0.0008
485	_____	14	M4	+0.014	+0.200	-0.001	+0.0000	-0.0000	-0.0000
485	_____	15	M5	-0.022	-0.418	-0.003	+0.0000	-0.0000	+0.0001
485	_____	16	M6	+0.092	+0.820	-0.004	+0.0001	-0.0000	-0.0001
485	_____	17	M7	+0.137	-0.798	-0.002	+0.0003	-0.0000	-0.0002
485	_____	M+	A	+0.493	+0.226	+0.000	+0.0012	+0.0000	+0.0013
485	_____	M-	A	+0.000	-8.609	-0.025	+0.0000	-0.0000	-0.0002
486	_____	0	G	+0.315	-1.952	-0.017	+0.0001	-0.0000	+0.0001
486	_____	1	Q1	-0.090	-4.925	-0.005	-0.0002	-0.0000	+0.0006
486	_____	11	M1	-0.056	-0.924	-0.002	-0.0000	-0.0000	+0.0001
486	_____	12	M2	+0.168	+1.972	-0.003	+0.0001	-0.0000	-0.0002
486	_____	13	M3	-0.027	-2.780	-0.002	-0.0001	-0.0000	+0.0008
486	_____	14	M4	+0.014	+0.195	-0.001	+0.0000	-0.0000	-0.0000
486	_____	15	M5	-0.022	-0.428	-0.003	+0.0000	-0.0000	+0.0001
486	_____	16	M6	+0.091	+0.792	-0.004	+0.0001	-0.0000	-0.0001

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
486		17	M7	+0.136	-0.841	-0.002	-0.0001	-0.0000	-0.0002
486		M+	A	+0.483	+0.020	+0.000	+0.0001	+0.0000	+0.0013
486		M-	A	+0.000	-8.823	-0.024	-0.0002	-0.0000	-0.0001
487		0	G	+0.322	-1.728	-0.013	+0.0007	-0.0000	+0.0002
487		1	Q1	-0.088	-4.621	-0.004	+0.0003	-0.0000	+0.0011
487		11	M1	-0.055	-0.868	-0.001	+0.0000	-0.0000	+0.0002
487		12	M2	+0.169	+1.881	-0.002	+0.0001	-0.0000	-0.0005
487		13	M3	-0.026	-2.547	-0.002	+0.0002	-0.0000	+0.0006
487		14	M4	+0.014	+0.187	-0.000	+0.0000	-0.0000	-0.0001
487		15	M5	-0.022	-0.392	-0.002	+0.0000	-0.0000	+0.0001
487		16	M6	+0.092	+0.768	-0.003	+0.0001	-0.0000	-0.0002
487		17	M7	+0.137	-0.806	-0.001	+0.0003	-0.0000	-0.0001
487		M+	A	+0.492	+0.154	+0.000	+0.0012	+0.0000	+0.0018
487		M-	A	+0.000	-8.131	-0.019	+0.0000	-0.0000	-0.0003
488		0	G	+0.314	-1.882	-0.013	+0.0000	-0.0000	+0.0003
488		1	Q1	-0.090	-4.647	-0.004	-0.0002	-0.0000	+0.0012
488		11	M1	-0.056	-0.869	-0.001	+0.0000	-0.0000	+0.0002
488		12	M2	+0.168	+1.850	-0.002	+0.0001	-0.0000	-0.0005
488		13	M3	-0.027	-2.567	-0.002	-0.0001	-0.0000	+0.0006
488		14	M4	+0.014	+0.183	-0.000	+0.0000	-0.0000	-0.0001
488		15	M5	-0.022	-0.402	-0.002	+0.0000	-0.0000	+0.0001
488		16	M6	+0.091	+0.743	-0.003	+0.0001	-0.0000	-0.0002
488		17	M7	+0.135	-0.844	-0.001	-0.0002	-0.0000	-0.0001
488		M+	A	+0.482	+0.000	+0.000	+0.0001	+0.0000	+0.0019
488		M-	A	+0.000	-8.326	-0.019	-0.0003	-0.0000	-0.0002
489		0	G	+0.322	-1.623	-0.010	+0.0006	-0.0000	+0.0004
489		1	Q1	-0.088	-4.153	-0.003	+0.0003	-0.0000	+0.0018
489		11	M1	-0.055	-0.770	-0.001	+0.0000	-0.0000	+0.0004
489		12	M2	+0.169	+1.666	-0.002	+0.0001	-0.0000	-0.0008
489		13	M3	-0.026	-2.284	-0.001	+0.0002	-0.0000	+0.0008
489		14	M4	+0.014	+0.166	-0.000	+0.0000	-0.0000	-0.0001
489		15	M5	-0.022	-0.348	-0.002	+0.0000	-0.0000	+0.0002
489		16	M6	+0.092	+0.680	-0.002	+0.0000	-0.0000	-0.0003
489		17	M7	+0.137	-0.803	-0.001	+0.0003	-0.0000	+0.0002
489		M+	A	+0.491	+0.044	+0.000	+0.0011	+0.0000	+0.0028
489		M-	A	+0.000	-7.375	-0.015	+0.0000	-0.0000	-0.0004
490		0	G	+0.314	-1.755	-0.010	-0.0000	-0.0000	+0.0005
490		1	Q1	-0.090	-4.176	-0.003	-0.0002	-0.0000	+0.0018
490		11	M1	-0.055	-0.771	-0.001	+0.0000	-0.0000	+0.0004
490		12	M2	+0.168	+1.640	-0.002	+0.0001	-0.0000	-0.0008
490		13	M3	-0.027	-2.301	-0.001	-0.0001	-0.0000	+0.0008
490		14	M4	+0.014	+0.163	-0.000	+0.0000	-0.0000	-0.0001
490		15	M5	-0.022	-0.356	-0.002	+0.0000	-0.0000	+0.0002
490		16	M6	+0.090	+0.658	-0.002	+0.0000	-0.0000	-0.0003
490		17	M7	+0.135	-0.835	-0.001	-0.0002	-0.0000	+0.0003
490		M+	A	+0.482	+0.000	+0.000	+0.0000	+0.0000	+0.0029
490		M-	A	+0.000	-7.542	-0.015	-0.0003	-0.0000	-0.0003
491		0	G	+0.321	-1.436	-0.007	+0.0005	-0.0000	+0.0007
491		1	Q1	-0.088	-3.459	-0.002	+0.0003	-0.0000	+0.0025
491		11	M1	-0.055	-0.626	-0.001	+0.0000	-0.0000	+0.0005
491		12	M2	+0.169	+1.355	-0.001	+0.0000	-0.0000	-0.0011
491		13	M3	-0.026	-1.973	-0.001	+0.0002	-0.0000	+0.0014
491		14	M4	+0.014	+0.135	-0.000	+0.0000	-0.0000	-0.0001
491		15	M5	-0.021	-0.283	-0.001	+0.0000	-0.0000	+0.0002
491		16	M6	+0.092	+0.553	-0.002	+0.0000	-0.0000	-0.0005
491		17	M7	+0.136	-0.647	-0.000	+0.0002	-0.0000	+0.0006
491		M+	A	+0.490	+0.000	+0.000	+0.0010	+0.0000	+0.0042
491		M-	A	+0.000	-6.276	-0.011	+0.0000	-0.0000	-0.0004
492		0	G	+0.313	-1.541	-0.008	-0.0001	-0.0000	+0.0008
492		1	Q1	-0.090	-3.478	-0.002	-0.0002	-0.0000	+0.0025
492		11	M1	-0.055	-0.627	-0.001	+0.0000	-0.0000	+0.0005
492		12	M2	+0.167	+1.334	-0.001	+0.0000	-0.0000	-0.0011
492		13	M3	-0.027	-1.987	-0.001	-0.0002	-0.0000	+0.0014
492		14	M4	+0.014	+0.132	-0.000	+0.0000	-0.0000	-0.0001
492		15	M5	-0.022	-0.290	-0.001	+0.0000	-0.0000	+0.0002
492		16	M6	+0.090	+0.535	-0.002	+0.0000	-0.0000	-0.0004
492		17	M7	+0.135	-0.672	-0.001	-0.0001	-0.0000	+0.0006
492		M+	A	+0.481	+0.000	+0.000	+0.0000	+0.0000	+0.0043
492		M-	A	+0.000	-6.410	-0.011	-0.0004	-0.0000	-0.0003
493		0	G	+0.321	-1.148	-0.005	+0.0005	-0.0000	+0.0011
493		1	Q1	-0.088	-2.544	-0.002	+0.0003	-0.0000	+0.0032
493		11	M1	-0.055	-0.442	-0.001	+0.0000	-0.0000	+0.0006
493		12	M2	+0.169	+0.955	-0.001	+0.0000	-0.0000	-0.0014
493		13	M3	-0.026	-1.364	-0.001	+0.0001	-0.0000	+0.0023
493		14	M4	+0.014	+0.095	-0.000	+0.0000	-0.0000	-0.0001
493		15	M5	-0.021	-0.200	-0.001	+0.0000	-0.0000	+0.0003
493		16	M6	+0.092	+0.390	-0.001	+0.0000	-0.0000	-0.0006
493		17	M7	+0.136	-0.566	-0.000	+0.0002	-0.0000	-0.0000
493		M+	A	+0.489	+0.000	+0.000	+0.0009	+0.0000	+0.0058
493		M-	A	+0.000	-4.647	-0.007	+0.0000	-0.0000	-0.0003
494		0	G	+0.313	-1.221	-0.005	-0.0002	-0.0000	+0.0012
494		1	Q1	-0.089	-2.558	-0.001	-0.0002	-0.0000	+0.0032
494		11	M1	-0.055	-0.443	-0.001	+0.0000	-0.0000	+0.0006
494		12	M2	+0.167	+0.941	-0.001	+0.0000	-0.0000	-0.0013
494		13	M3	-0.027	-1.374	-0.001	-0.0001	-0.0000	+0.0023
494		14	M4	+0.014	+0.093	-0.000	+0.0000	-0.0000	-0.0001
494		15	M5	-0.022	-0.205	-0.001	+0.0000	-0.0000	+0.0003
494		16	M6	+0.090	+0.377	-0.001	+0.0000	-0.0000	-0.0005
494		17	M7	+0.135	-0.583	-0.001	-0.0002	-0.0000	+0.0000
494		M+	A	+0.480	+0.000	+0.000	+0.0000	+0.0000	+0.0059
494		M-	A	+0.000	-4.740	-0.008	-0.0005	-0.0000	-0.0002
495		0	G	+0.320	-0.739	-0.002	+0.0004	-0.0000	+0.0015
495		1	Q1	-0.088	-1.430	-0.001	+0.0003	-0.0000	+0.0038
495		11	M1	-0.055	-0.229	-0.000	+0.0000	-0.0000	+0.0007
495		12	M2	+0.168	+0.495	-0.000	+0.0000	-0.0000	-0.0015
495		13	M3	-0.026	-0.655	-0.000	+0.0000	-0.0000	+0.0021
495		14	M4	+0.014	+0.049	-0.000	+0.0000	-0.0000	-0.0001
495		15	M5	-0.021	-0.103	-0.000	+0.0000	-0.0000	+0.0003
495		16	M6	+0.091	+0.202	-0.000	+0.0000	-0.0000	-0.0006
495		17	M7	+0.136	-0.455	-0.000	+0.0003	-0.0000	+0.0008
495		M+	A	+0.489	+0.000	+0.000	+0.0008	+0.0000	+0.0068

Desplazamientos. Ejes generales, Hormigón, E.L.S., sin mayorar

NN	Tipo	HIP	Id	Dx(cm)	Dy(cm)	Dz(cm)	Gx(rad)	Gy(rad)	Gz(rad)
495	_____	M-	A	+0.000	-2.627	-0.003	+0.0000	-0.0000	+0.0000
496	_____	0	G	+0.312	-0.775	-0.003	-0.0002	-0.0000	+0.0016
496	_____	1	Q1	-0.089	-1.437	-0.001	-0.0002	-0.0000	+0.0038
496	_____	11	M1	-0.055	-0.230	-0.000	-0.0000	-0.0000	+0.0007
496	_____	12	M2	+0.167	+0.488	-0.001	+0.0000	-0.0000	-0.0015
496	_____	13	M3	-0.027	-0.660	-0.000	+0.0000	-0.0000	+0.0021
496	_____	14	M4	+0.014	+0.048	-0.000	+0.0000	-0.0000	-0.0001
496	_____	15	M5	-0.022	-0.106	-0.000	+0.0000	-0.0000	+0.0003
496	_____	16	M6	+0.090	+0.196	-0.001	+0.0000	-0.0000	-0.0006
496	_____	17	M7	+0.134	-0.463	-0.000	-0.0002	-0.0000	+0.0008
496	_____	M+	A	+0.479	+0.000	+0.000	+0.0000	+0.0000	+0.0070
496	_____	M-	A	+0.000	-2.674	-0.004	-0.0006	-0.0000	+0.0000
497	_____	0	G	+0.320	-0.182	-0.000	+0.0002	-0.0000	+0.0019
497	_____	1	Q1	-0.088	-0.107	+0.000	+0.0001	-0.0000	+0.0045
497	_____	11	M1	-0.055	-0.005	+0.000	+0.0000	-0.0000	+0.0007
497	_____	12	M2	+0.168	+0.013	-0.000	-0.0000	+0.0000	-0.0015
497	_____	13	M3	-0.026	+0.007	+0.000	-0.0000	-0.0000	+0.0020
497	_____	14	M4	+0.014	+0.001	-0.000	-0.0000	-0.0000	-0.0002
497	_____	15	M5	-0.021	-0.003	+0.000	+0.0000	-0.0000	+0.0003
497	_____	16	M6	+0.091	+0.005	-0.000	-0.0000	-0.0000	-0.0006
497	_____	17	M7	+0.136	-0.060	-0.000	+0.0000	+0.0000	+0.0016
497	_____	M+	A	+0.488	+0.000	+0.000	+0.0003	+0.0000	+0.0078
497	_____	M-	A	+0.000	-0.331	-0.001	+0.0000	-0.0000	+0.0000
498	_____	0	G	+0.312	-0.162	+0.000	-0.0002	-0.0000	+0.0021
498	_____	1	Q1	-0.089	-0.106	-0.000	-0.0001	-0.0000	+0.0045
498	_____	11	M1	-0.055	-0.008	-0.000	-0.0000	-0.0000	+0.0007
498	_____	12	M2	+0.167	+0.017	+0.000	+0.0000	-0.0000	-0.0015
498	_____	13	M3	-0.027	+0.010	-0.000	+0.0000	-0.0000	+0.0021
498	_____	14	M4	+0.014	+0.002	+0.000	+0.0000	-0.0000	-0.0001
498	_____	15	M5	-0.022	-0.004	-0.000	-0.0000	-0.0000	+0.0003
498	_____	16	M6	+0.090	+0.007	+0.000	+0.0000	-0.0000	-0.0006
498	_____	17	M7	+0.134	-0.052	+0.000	-0.0001	-0.0000	+0.0017
498	_____	M+	A	+0.479	+0.000	+0.001	+0.0000	+0.0000	+0.0080
498	_____	M-	A	+0.000	-0.305	+0.000	-0.0004	-0.0000	+0.0000

8- SOLICITACIONES EN LAS BARRAS

LISTADO DE SOLICITACIONES

PROYECTO : Viaducto AP-7
ESTRUCTURA: Prueba de Carga (puente_E)

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
1	1	0	0 G	+0.00	+0.00	+0.00	+0.00	-932.81	+0.00
1	58	420	0 G	+0.00	+0.00	+3905.09	+0.00	-926.76	+0.00
1		0	1 Q1	+0.00	-0.00	+0.00	+0.00	-374.28	+0.00
1		420	1 Q1	+0.00	-0.00	+1571.99	+0.00	-374.28	+0.00
1		0	11 M1	+0.00	-0.00	+0.00	+0.00	-156.60	-0.00
1		420	11 M1	+0.00	+0.00	+657.73	+0.00	-156.60	-0.00
1		0	12 M2	+0.00	-0.00	-0.00	+0.00	-137.53	+0.00
1		420	12 M2	+0.00	+0.00	+577.63	+0.00	-137.53	+0.00
1		0	13 M3	+0.00	+0.00	+0.00	+0.00	-118.70	+0.00
1		420	13 M3	+0.00	+0.00	+498.54	+0.00	-118.70	+0.00
1		0	14 M4	+0.00	-0.00	+0.00	+0.00	+30.85	+0.00
1		420	14 M4	+0.00	+0.00	-129.58	+0.00	+30.85	+0.00
1		0	15 M5	+0.00	-0.00	+0.00	+0.00	-69.97	-0.00
1		420	15 M5	+0.00	+0.00	+293.88	+0.00	-69.97	-0.00
1		0	16 M6	+0.00	+0.00	+0.00	+0.00	-403.84	+0.00
1		420	16 M6	+0.00	-0.00	+1696.12	+0.00	-403.84	+0.00
1		0	17 M7	+0.00	+0.00	+0.00	+0.00	-42.81	+0.00
1		420	17 M7	+0.00	+0.00	+179.80	+0.00	-42.81	+0.00
1	1	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
1	58	420	M+ A	+0.00	+0.00	+9860.13	+0.00	+0.00	+0.00
1	1	0	M- A	+0.00	+0.00	+0.00	+0.00	-2351.67	+0.00
1	58	420	M- A	+0.00	+0.00	+0.00	+0.00	-2343.63	+0.00
2	2	0	0 G	+0.00	+0.00	-0.00	+0.00	-1140.76	-0.00
2	37	220	0 G	+0.00	+0.00	+2506.19	+0.00	-1137.59	-0.00
2		0	1 Q1	+0.00	-0.00	+0.00	+0.00	-454.26	+0.00
2		220	1 Q1	+0.00	-0.00	+999.37	+0.00	-454.26	+0.00
2		0	11 M1	+0.00	+0.00	-0.00	+0.00	-224.24	-0.00
2		220	11 M1	+0.00	-0.00	+493.32	+0.00	-224.24	-0.00
2		0	12 M2	+0.00	+0.00	+0.00	+0.00	-76.87	+0.00
2		220	12 M2	+0.00	+0.00	+169.10	+0.00	-76.87	+0.00
2		0	13 M3	+0.00	-0.00	+0.00	+0.00	-219.24	+0.00
2		220	13 M3	+0.00	-0.00	+482.33	+0.00	-219.24	+0.00
2		0	14 M4	+0.00	+0.00	+0.00	+0.00	-86.76	+0.00
2		220	14 M4	+0.00	-0.00	+190.87	+0.00	-86.76	+0.00
2		0	15 M5	+0.00	+0.00	+0.00	+0.00	-494.81	+0.00
2		220	15 M5	+0.00	+0.00	+1088.58	+0.00	-494.81	+0.00
2		0	16 M6	+0.00	+0.00	-0.00	+0.00	-44.06	+0.00
2		220	16 M6	+0.00	-0.00	+96.94	+0.00	-44.06	+0.00
2		0	17 M7	+0.00	+0.00	+0.00	+0.00	+23.27	+0.00
2		220	17 M7	+0.00	+0.00	-51.19	+0.00	+23.27	+0.00
2	2	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
2	37	220	M+ A	+0.00	+0.00	+6315.25	+0.00	+0.00	+0.00
2	2	0	M- A	+0.00	+0.00	-0.00	+0.00	-2872.68	-0.00
2	37	220	M- A	+0.00	+0.00	+0.00	+0.00	-2868.46	-0.00
3	3	0	0 G	-32.98	+9.57	+0.01	+3.46	-116.36	+1.86
3	4	321	0 G	-32.98	+3.59	+366.10	+3.46	-111.74	+1.86
3		0	1 Q1	-11.22	-2.32	+0.01	-0.84	-199.90	-0.42
3		321	1 Q1	-11.22	-0.96	+641.69	-0.84	-199.90	-0.42
3		0	11 M1	-10.76	-1.02	+0.00	-0.37	-119.15	-0.18
3		321	11 M1	-10.76	-0.44	+382.48	-0.37	-119.15	-0.18
3		0	12 M2	-7.44	+4.88	+0.00	+1.76	+67.90	+0.94
3		321	12 M2	-7.44	+1.88	-217.96	+1.76	+67.90	+0.94
3		0	13 M3	+2.70	-1.49	-0.00	-0.54	-31.76	-0.28
3		321	13 M3	+2.70	-0.58	+101.95	-0.54	-31.76	-0.28
3		0	14 M4	-10.67	+4.68	+0.00	+1.69	-33.57	+0.90
3		321	14 M4	-10.67	+1.80	+107.77	+1.69	-33.57	+0.90
3		0	15 M5	-1.15	+1.75	-0.00	+0.63	+9.99	+0.34
3		321	15 M5	-1.15	+0.66	-32.06	+0.63	+9.99	+0.34
3		0	16 M6	+0.68	-0.21	-0.00	-0.08	-7.59	-0.04
3		321	16 M6	+0.68	-0.09	+24.36	-0.08	-7.59	-0.04
3		0	17 M7	-0.35	+0.25	-0.00	+0.09	+4.28	+0.05
3		321	17 M7	-0.35	+0.10	-13.73	+0.09	+4.28	+0.05
3	3	0	M+ A	+0.00	+20.06	+0.03	+7.25	+0.00	+3.88
3	4	321	M+ A	+0.00	+7.59	+1926.92	+7.25	+0.00	+3.88
3	3	0	M- A	-75.15	+0.00	+0.00	+0.00	-603.35	+0.00
3	4	321	M- A	-75.15	+0.00	+0.00	+0.00	-597.21	+0.00
4	3	0	0 G	-0.01	-9.57	-32.98	+1.86	-12.58	-3.46
4	321	555	0 G	-0.01	+9.63	+31.50	+1.86	-10.66	-3.46
4		0	1 Q1	-0.01	+2.32	-11.22	-0.42	-13.07	+0.84
4		555	1 Q1	-0.01	-2.33	+61.31	-0.42	-13.07	+0.84
4		0	11 M1	-0.00	+1.02	-10.76	-0.18	-11.31	+0.37
4		555	11 M1	-0.00	-1.03	+52.03	-0.18	-11.31	+0.37
4		0	12 M2	-0.00	-4.88	-7.44	+0.94	-0.30	-1.76
4		555	12 M2	-0.00	+4.91	-5.79	+0.94	-0.30	-1.76
4		0	13 M3	+0.00	+1.49	+2.70	-0.28	+0.07	+0.54
4		555	13 M3	+0.00	-1.50	+2.31	-0.28	+0.07	+0.54
4		0	14 M4	-0.00	-4.68	-10.67	+0.90	-0.34	-1.69
4		555	14 M4	-0.00	+4.71	-8.80	+0.90	-0.34	-1.69
4		0	15 M5	+0.00	-1.75	-1.15	+0.34	-0.06	-0.63
4		555	15 M5	+0.00	+1.76	-0.82	+0.34	-0.06	-0.63
4		0	16 M6	+0.00	+0.21	+0.68	-0.04	+0.02	+0.08
4		555	16 M6	+0.00	-0.21	+0.59	-0.04	+0.02	+0.08
4		0	17 M7	+0.00	-0.25	-0.35	+0.05	-0.01	-0.09
4		555	17 M7	+0.00	+0.26	-0.29	+0.05	-0.01	-0.09
4	3	0	M+ A	+0.00	+0.00	+0.00	+3.88	+0.00	+0.00
4	321	555	M+ A	+0.00	+20.17	+202.71	+3.88	+0.00	+0.00
4	3	0	M- A	-0.03	-20.06	-75.15	+0.00	-51.35	-7.25
4	321	555	M- A	-0.03	+0.00	+0.00	+0.00	-48.78	-7.25
5	4	0	0 G	-32.98	+3.59	+366.10	+4.34	-82.20	+1.06
5	5	322	0 G	-32.98	+0.18	+623.33	+4.34	-77.57	+1.06
5		0	1 Q1	-11.22	-0.96	+641.69	-1.05	-174.71	-0.22
5		322	1 Q1	-11.22	-0.25	+1204.24	-1.05	-174.71	-0.22
5		0	11 M1	-10.76	-0.44	+382.48	-0.46	-111.02	-0.09
5		322	11 M1	-10.76	-0.16	+739.96	-0.46	-111.02	-0.09
5		0	12 M2	-7.44	+1.88	-217.96	+2.21	+67.71	+0.52
5		322	12 M2	-7.44	+0.21	-435.99	+2.21	+67.71	+0.52
5		0	13 M3	+2.70	-0.58	+101.95	-0.68	-31.69	-0.16
5		322	13 M3	+2.70	-0.08	+203.98	-0.68	-31.69	-0.16
5		0	14 M4	-10.67	+1.80	+107.77	+2.12	-18.03	+0.50
5		322	14 M4	-10.67	+0.18	+165.81	+2.12	-18.03	+0.50
5		0	15 M5	-1.15	+0.66	-32.06	+0.79	+9.95	+0.19

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
5		322	15 M5	-1.15	+0.05	-64.11	+0.79	+9.95	+0.19
5		0	16 M6	+0.68	-0.09	+24.36	-0.10	-7.57	-0.02
5		322	16 M6	+0.68	-0.02	+48.73	-0.10	-7.57	-0.02
5		0	17 M7	-0.35	+0.10	-13.73	+0.12	+4.27	+0.03
5		322	17 M7	-0.35	+0.01	-27.48	+0.12	+4.27	+0.03
5	4	0	M+ A	+0.00	+7.59	+1926.92	+9.09	+19.36	+2.19
5	5	322	M+ A	+0.00	+0.55	+3564.69	+9.09	+24.00	+2.19
5	4	0	M- A	-75.15	+0.00	+0.00	+0.00	-511.71	+0.00
5	5	322	M- A	-75.15	-0.40	-30.66	+0.00	-505.54	+0.00
6	4	0	0 G	+0.00	+0.00	+0.00	-0.80	-29.53	-0.88
6	322	555	0 G	+0.00	+4.88	+145.41	-0.80	-18.04	-0.88
6		0	1 Q1	+0.00	+0.00	+0.00	+0.21	-25.20	+0.21
6		555	1 Q1	+0.00	-1.18	+139.84	+0.21	-25.20	+0.21
6		0	11 M1	+0.00	+0.00	+0.00	+0.09	-8.14	+0.09
6		555	11 M1	+0.00	-0.52	+45.16	+0.09	-8.14	+0.09
6		0	12 M2	+0.00	+0.00	+0.00	-0.42	+0.19	-0.45
6		555	12 M2	+0.00	+2.49	-1.06	-0.42	+0.19	-0.45
6		0	13 M3	+0.00	+0.00	+0.00	+0.13	-0.07	+0.14
6		555	13 M3	+0.00	-0.76	+0.39	+0.13	-0.07	+0.14
6		0	14 M4	+0.00	+0.00	+0.00	-0.40	-15.55	-0.43
6		555	14 M4	+0.00	+2.39	+86.28	-0.40	-15.55	-0.43
6		0	15 M5	+0.00	+0.00	+0.00	-0.15	+0.04	-0.16
6		555	15 M5	+0.00	+0.89	-0.20	-0.15	+0.04	-0.16
6		0	16 M6	+0.00	+0.00	+0.00	+0.02	-0.02	+0.02
6		555	16 M6	+0.00	-0.11	+0.09	+0.02	-0.02	+0.02
6		0	17 M7	+0.00	+0.00	+0.00	-0.02	+0.01	-0.02
6		555	17 M7	+0.00	+0.13	-0.06	-0.02	+0.01	-0.02
6	4	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
6	322	555	M+ A	+0.00	+10.22	+511.60	+0.00	+0.00	+0.00
6	4	0	M- A	+0.00	+0.00	+0.00	-1.70	-96.61	-1.84
6	322	555	M- A	+0.00	+0.00	+0.00	-1.70	-81.33	-1.84
7	5	0	0 G	-32.98	+0.18	+623.33	+5.22	-43.56	+0.24
7	6	321	0 G	-32.98	-0.59	+755.73	+5.22	-38.94	+0.24
7		0	1 Q1	-11.22	-0.25	+1204.24	-1.27	-148.09	-0.08
7		321	1 Q1	-11.22	+0.02	+1679.60	-1.27	-148.09	-0.08
7		0	11 M1	-10.76	-0.16	+739.96	-0.56	-100.12	-0.04
7		321	11 M1	-10.76	-0.02	+1061.35	-0.56	-100.12	-0.04
7		0	12 M2	-7.44	+0.21	-435.99	+2.66	+67.80	+0.13
7		321	12 M2	-7.44	-0.23	-653.62	+2.66	+67.80	+0.13
7		0	13 M3	+2.70	-0.08	+203.98	-0.81	-31.72	-0.04
7		321	13 M3	+2.70	+0.06	+305.82	-0.81	-31.72	-0.04
7		0	14 M4	-10.67	+0.18	+165.81	+2.56	+2.05	+0.13
7		321	14 M4	-10.67	-0.24	+159.23	+2.56	+2.05	+0.13
7		0	15 M5	-1.15	+0.05	-64.11	+0.96	+9.96	+0.04
7		321	15 M5	-1.15	-0.09	-96.09	+0.96	+9.96	+0.04
7		0	16 M6	+0.68	-0.02	+48.73	-0.12	-7.58	-0.01
7		321	16 M6	+0.68	+0.00	+73.07	-0.12	-7.58	-0.01
7		0	17 M7	-0.35	+0.01	-27.48	+0.14	+4.27	+0.01
7		321	17 M7	-0.35	-0.01	-41.20	+0.14	+4.27	+0.01
7	5	0	M+ A	+0.00	+0.55	+3564.69	+10.94	+58.13	+0.52
7	6	321	M+ A	+0.00	+0.00	+4864.61	+10.94	+62.76	+0.52
7	5	0	M- A	-75.15	-0.40	-30.66	+0.00	-408.03	+0.00
7	6	321	M- A	-75.15	-1.14	-224.69	+0.00	-401.88	+0.00
8	5	0	0 G	+0.00	+0.00	+0.00	-0.82	-34.01	-0.88
8	323	555	0 G	+0.00	+4.90	+170.24	-0.82	-22.52	-0.88
8		0	1 Q1	+0.00	+0.00	+0.00	+0.13	-26.62	+0.21
8		555	1 Q1	+0.00	-1.19	+147.74	+0.13	-26.62	+0.21
8		0	11 M1	+0.00	+0.00	+0.00	+0.04	-10.90	+0.09
8		555	11 M1	+0.00	-0.52	+60.47	+0.04	-10.90	+0.09
8		0	12 M2	+0.00	+0.00	+0.00	-0.38	-0.08	-0.45
8		555	12 M2	+0.00	+2.50	+0.47	-0.38	-0.08	-0.45
8		0	13 M3	+0.00	+0.00	+0.00	+0.11	+0.04	+0.14
8		555	13 M3	+0.00	-0.77	-0.20	+0.11	+0.04	+0.14
8		0	14 M4	+0.00	+0.00	+0.00	-0.37	-20.08	-0.43
8		555	14 M4	+0.00	+2.40	+111.43	-0.37	-20.08	-0.43
8		0	15 M5	+0.00	+0.00	+0.00	-0.14	-0.01	-0.16
8		555	15 M5	+0.00	+0.90	+0.06	-0.14	-0.01	-0.16
8		0	16 M6	+0.00	+0.00	+0.00	+0.02	+0.01	+0.02
8		555	16 M6	+0.00	-0.11	-0.05	+0.02	+0.01	+0.02
8		0	17 M7	+0.00	+0.00	+0.00	-0.02	-0.00	-0.02
8		555	17 M7	+0.00	+0.13	+0.02	-0.02	-0.00	-0.02
8	5	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
8	323	555	M+ A	+0.00	+10.27	+593.00	+0.00	+0.00	+0.00
8	5	0	M- A	+0.00	+0.00	+0.00	-1.67	-111.28	-1.85
8	323	555	M- A	+0.00	+0.00	+0.00	-1.67	-96.00	-1.85
9	6	0	0 G	-32.98	-0.59	+755.73	+6.11	-6.09	-0.47
9	7	322	0 G	-32.98	+0.94	+767.86	+6.11	-1.45	-0.47
9		0	1 Q1	-11.22	+0.02	+1679.60	-1.48	-122.85	-0.20
9		322	1 Q1	-11.22	+0.65	+2075.19	-1.48	-122.85	-0.20
9		0	11 M1	-10.76	-0.02	+1061.35	-0.65	-75.45	-0.17
9		322	11 M1	-10.76	+0.53	+1304.31	-0.65	-75.45	-0.17
9		0	12 M2	-7.44	-0.23	-653.62	+3.11	+68.07	-0.08
9		322	12 M2	-7.44	+0.03	-872.79	+3.11	+68.07	-0.08
9		0	13 M3	+2.70	+0.06	+305.82	-0.95	-31.85	+0.02
9		322	13 M3	+2.70	+0.01	+408.37	-0.95	-31.85	+0.02
9		0	14 M4	-10.67	-0.24	+159.23	+2.99	+9.24	-0.12
9		322	14 M4	-10.67	+0.15	+129.48	+2.99	+9.24	-0.12
9		0	15 M5	-1.15	-0.09	-96.09	+1.12	+10.00	-0.04
9		322	15 M5	-1.15	+0.03	-128.30	+1.12	+10.00	-0.04
9		0	16 M6	+0.68	+0.00	+73.07	-0.14	-7.61	+0.01
9		322	16 M6	+0.68	-0.02	+97.57	-0.14	-7.61	+0.01
9		0	17 M7	-0.35	-0.01	-41.20	+0.16	+4.29	-0.00
9		322	17 M7	-0.35	-0.01	-55.01	+0.16	+4.29	-0.00
9	6	0	M+ A	+0.00	+0.00	+4864.61	+12.79	+96.01	+0.00
9	7	322	M+ A	+0.00	+2.92	+5779.23	+12.79	+100.65	+0.00
9	6	0	M- A	-75.15	-1.14	-224.69	+0.00	-287.13	-1.15
9	7	322	M- A	-75.15	+0.00	-541.31	+0.00	-280.96	-1.15
10	6	0	0 G	+0.00	+0.00	+0.00	-0.71	-32.85	-0.89
10	325	555	0 G	+0.00	+4.92	+163.82	-0.71	-21.36	-0.89
10		0	1 Q1	+0.00	+0.00	+0.00	-0.11	-25.23	+0.21
10		555	1 Q1	+0.00	-1.19	+140.04	-0.11	-25.23	+0.21
10		0	11 M1	+0.00	+0.00	+0.00	-0.13	-24.67	+0.09
10		555	11 M1	+0.00	-0.53	+136.90	-0.13	-24.67	+0.09
10		0	12 M2	+0.00	+0.00	+0.00	-0.21	-0.27	-0.45
10		555	12 M2	+0.00	+2.51	+1.50	-0.21	-0.27	-0.45
10		0	13 M3	+0.00	+0.00	+0.00	+0.06	+0.12	+0.14

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
10		555	13 M3	+0.00	-0.77	-0.69	+0.06	+0.12	+0.14
10		0	14 M4	+0.00	+0.00	+0.00	-0.25	-7.19	-0.43
10		555	14 M4	+0.00	+2.41	+39.89	-0.25	-7.19	-0.43
10		0	15 M5	+0.00	+0.00	+0.00	-0.08	-0.04	-0.16
10		555	15 M5	+0.00	+0.90	+0.22	-0.08	-0.04	-0.16
10		0	16 M6	+0.00	+0.00	+0.00	+0.01	+0.03	+0.02
10		555	16 M6	+0.00	-0.11	-0.17	+0.01	+0.03	+0.02
10		0	17 M7	+0.00	+0.00	+0.00	-0.01	-0.02	-0.02
10		555	17 M7	+0.00	+0.13	+0.09	-0.01	-0.02	-0.02
10	6	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
10	325	555	M+ A	+0.00	+10.30	+612.28	+0.00	+0.00	+0.00
10	6	0	M- A	+0.00	+0.00	+0.00	-1.47	-114.75	-1.86
10	325	555	M- A	+0.00	+0.00	+0.00	-1.47	-99.47	-1.86
11	7	0	0 G	-32.98	+0.94	+767.86	+7.00	+31.07	-1.32
11	8	321	0 G	-32.98	+5.18	+659.74	+7.00	+36.30	-1.32
11		0	1 Q1	-11.22	+0.65	+2075.19	-1.70	-97.62	-0.51
11		321	1 Q1	-11.22	+2.28	+2388.56	-1.70	-97.62	-0.51
11		0	11 M1	-10.76	+0.53	+1304.31	-0.75	-49.58	-0.44
11		321	11 M1	-10.76	+1.95	+1463.48	-0.75	-49.58	-0.44
11		0	12 M2	-7.44	+0.03	-872.79	+3.57	+68.23	-0.24
11		321	12 M2	-7.44	+0.80	-1091.79	+3.57	+68.23	-0.24
11		0	13 M3	+2.70	+0.01	+408.37	-1.09	-31.92	+0.06
11		321	13 M3	+2.70	-0.19	+510.84	-1.09	-31.92	+0.06
11		0	14 M4	-10.67	+0.15	+129.48	+3.42	+26.79	-0.36
11		321	14 M4	-10.67	+1.30	+43.49	+3.42	+26.79	-0.36
11		0	15 M5	-1.15	+0.03	-128.30	+1.28	+10.02	-0.09
11		321	15 M5	-1.15	+0.33	-160.48	+1.28	+10.02	-0.09
11		0	16 M6	+0.68	-0.02	+97.57	-0.16	-7.63	+0.02
11		321	16 M6	+0.68	-0.08	+122.06	-0.16	-7.63	+0.02
11		0	17 M7	-0.35	-0.01	-55.01	+0.19	+4.30	-0.01
11		321	17 M7	-0.35	+0.01	-68.81	+0.19	+4.30	-0.01
11	7	0	M+ A	+0.00	+2.92	+5779.23	+14.66	+143.66	+0.00
11	8	321	M+ A	+0.00	+12.89	+6297.23	+14.66	+150.61	+0.00
11	7	0	M- A	-75.15	+0.00	-541.31	+0.00	-175.10	-3.11
11	8	321	M- A	-75.15	+0.00	-977.94	+0.00	-169.87	-3.11
12	7	0	0 G	+0.00	+0.00	+0.00	-0.85	-32.52	-0.89
12	327	555	0 G	+0.00	+4.93	+161.97	-0.85	-21.03	-0.89
12		0	1 Q1	+0.00	+0.00	+0.00	-0.31	-25.23	+0.22
12		555	1 Q1	+0.00	-1.20	+140.03	-0.31	-25.23	+0.22
12		0	11 M1	+0.00	+0.00	+0.00	-0.28	-25.87	+0.09
12		555	11 M1	+0.00	-0.53	+143.58	-0.28	-25.87	+0.09
12		0	12 M2	+0.00	+0.00	+0.00	-0.16	-0.16	-0.45
12		555	12 M2	+0.00	+2.52	+0.89	-0.16	-0.16	-0.45
12		0	13 M3	+0.00	+0.00	+0.00	+0.05	+0.07	+0.14
12		555	13 M3	+0.00	-0.77	-0.41	+0.05	+0.07	+0.14
12		0	14 M4	+0.00	+0.00	+0.00	-0.24	-17.55	-0.44
12		555	14 M4	+0.00	+2.41	+97.40	-0.24	-17.55	-0.44
12		0	15 M5	+0.00	+0.00	+0.00	-0.05	-0.02	-0.16
12		555	15 M5	+0.00	+0.90	+0.11	-0.05	-0.02	-0.16
12		0	16 M6	+0.00	+0.00	+0.00	+0.01	+0.02	+0.02
12		555	16 M6	+0.00	-0.11	-0.10	+0.01	+0.02	+0.02
12		0	17 M7	+0.00	+0.00	+0.00	-0.00	-0.01	-0.02
12		555	17 M7	+0.00	+0.13	+0.05	-0.00	-0.01	-0.02
12	7	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
12	327	555	M+ A	+0.00	+10.33	+619.84	+0.00	+0.00	+0.00
12	7	0	M- A	+0.00	+0.00	+0.00	-1.96	-116.12	-1.86
12	327	555	M- A	+0.00	+0.00	+0.00	-1.96	-100.83	-1.86
13	8	0	0 G	-33.57	-8.77	+252.07	-306.56	-82.79	-1.90
13	9	322	0 G	-33.57	-2.64	+510.22	-306.56	-77.55	-1.90
13		0	1 Q1	-5.87	-2.80	+2000.19	+178.65	-7.79	-0.67
13		322	1 Q1	-5.87	-0.64	+2025.27	+178.65	-7.79	-0.67
13		0	11 M1	-6.99	-2.47	+1198.11	+84.30	-6.64	-0.59
13		322	11 M1	-6.99	-0.57	+1219.49	+84.30	-6.64	-0.59
13		0	12 M2	-9.30	-1.76	-1055.82	-210.44	-28.93	-0.36
13		322	12 M2	-9.30	-0.60	-962.68	-210.44	-28.93	-0.36
13		0	13 M3	+3.63	+0.47	+506.03	+104.07	+16.38	+0.10
13		322	13 M3	+3.63	+0.16	+453.30	+104.07	+16.38	+0.10
13		0	14 M4	-12.50	-2.71	-173.67	-192.31	-48.14	-0.55
13		322	14 M4	-12.50	-0.94	-18.65	-192.31	-48.14	-0.55
13		0	15 M5	-0.96	-0.60	-156.53	-30.50	-4.54	-0.13
13		322	15 M5	-0.96	-0.19	-141.93	-30.50	-4.54	-0.13
13		0	16 M6	+0.86	+0.15	+120.86	+24.96	+3.90	+0.03
13		322	16 M6	+0.86	+0.04	+108.31	+24.96	+3.90	+0.03
13		0	17 M7	-0.50	-0.04	-68.14	-13.96	-2.20	-0.01
13		322	17 M7	-0.50	-0.02	-61.05	-13.96	-2.20	-0.01
13	8	0	M+ A	+0.00	+0.00	+4832.68	+90.73	+0.00	+0.00
13	9	322	M+ A	+0.00	+0.00	+5241.94	+90.73	+0.00	+0.00
13	8	0	M- A	-71.31	-19.49	-1331.66	-723.38	-192.84	-4.32
13	9	322	M- A	-71.31	-5.80	-933.80	-723.38	-185.87	-4.32
14	8	0	0 G	+0.00	+0.00	+0.00	+0.49	-33.07	-0.89
14	329	555	0 G	+0.00	+4.94	+165.05	+0.49	-21.58	-0.89
14		0	1 Q1	+0.00	+0.00	+0.00	+0.14	-26.06	+0.22
14		555	1 Q1	+0.00	-1.20	+144.62	+0.14	-26.06	+0.22
14		0	11 M1	+0.00	+0.00	+0.00	+0.12	-16.96	+0.10
14		555	11 M1	+0.00	-0.53	+94.15	+0.12	-16.96	+0.10
14		0	12 M2	+0.00	+0.00	+0.00	+0.10	+0.06	-0.45
14		555	12 M2	+0.00	+2.52	-0.34	+0.10	+0.06	-0.45
14		0	13 M3	+0.00	+0.00	+0.00	-0.01	-0.02	+0.14
14		555	13 M3	+0.00	-0.77	+0.10	-0.01	-0.02	+0.14
14		0	14 M4	+0.00	+0.00	+0.00	+0.15	-26.34	-0.44
14		555	14 M4	+0.00	+2.42	+146.21	+0.15	-26.34	-0.44
14		0	15 M5	+0.00	+0.00	+0.00	+0.06	+0.02	-0.16
14		555	15 M5	+0.00	+0.91	-0.09	+0.06	+0.02	-0.16
14		0	16 M6	+0.00	+0.00	+0.00	-0.00	-0.00	+0.02
14		555	16 M6	+0.00	-0.11	+0.02	-0.00	-0.00	+0.02
14		0	17 M7	+0.00	+0.00	+0.00	+0.00	+0.00	-0.02
14		555	17 M7	+0.00	+0.13	-0.02	+0.00	+0.00	-0.02
14	8	0	M+ A	+0.00	+0.00	+0.00	+1.07	+0.00	+0.00
14	329	555	M+ A	+0.00	+10.35	+634.06	+1.07	+0.00	+0.00
14	8	0	M- A	+0.00	+0.00	+0.00	+0.00	-118.68	-1.87
14	329	555	M- A	+0.00	+0.00	+0.00	+0.00	-103.40	-1.87
15	8	0	0 G	+5.24	+12.93	+407.67	+347.30	+37.53	+1.08
15	187	341	0 G	+5.24	+9.25	+273.19	+348.58	+41.11	+1.08
15		0	1 Q1	-3.34	+6.58	+388.37	-191.50	+0.67	+0.30
15		341	1 Q1	-3.34	+5.54	+386.07	-191.50	+0.67	+0.30
15		0	11 M1	-2.06	+5.43	+265.36	-88.92	+4.17	+0.27

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
15		341	11 M1	-2.06	+4.52	+251.11	-88.92	+4.17	+0.27
15		0	12 M2	+2.61	+1.78	-35.97	+234.62	+19.31	+0.22
15		341	12 M2	+2.61	+1.02	-101.99	+234.62	+19.31	+0.22
15		0	13 M3	-1.10	-0.30	+4.81	-115.41	-10.05	-0.05
15		341	13 M3	-1.10	-0.13	+39.19	-115.41	-10.05	-0.05
15		0	14 M4	+3.07	+3.16	+217.16	+218.81	+29.39	+0.34
15		341	14 M4	+3.07	+2.01	+116.63	+218.81	+29.39	+0.34
15		0	15 M5	+0.14	+0.94	-3.94	+34.98	+2.95	+0.10
15		341	15 M5	+0.14	+0.61	-14.04	+34.98	+2.95	+0.10
15		0	16 M6	-0.24	-0.16	+1.20	-27.54	-2.40	-0.02
15		341	16 M6	-0.24	-0.09	+9.40	-27.54	-2.40	-0.02
15		0	17 M7	+0.16	-0.01	-0.67	+15.53	+1.35	+0.00
15		341	17 M7	+0.16	-0.01	-5.29	+15.53	+1.35	+0.00
15	8	0	M+ A	+11.58	+34.23	+1464.54	+813.84	+94.92	+2.34
15	187	341	M+ A	+11.58	+26.57	+1261.20	+815.54	+99.67	+2.34
15	8	0	M- A	-2.36	+0.00	+0.00	-84.33	+0.00	+0.00
15	187	341	M- A	-2.36	+0.00	+0.00	-83.05	+0.00	+0.00
16	9	0	0 G	-33.57	-2.64	+510.22	-305.73	-44.48	-0.57
16	10	321	0 G	-33.57	-0.80	+644.59	-305.73	-39.25	-0.57
16		0	1 Q1	-5.87	-0.64	+2025.27	+178.47	+18.52	-0.20
16		321	1 Q1	-5.87	-0.02	+1965.81	+178.47	+18.52	-0.20
16		0	11 M1	-6.99	-0.57	+1219.49	+84.22	+0.38	-0.18
16		321	11 M1	-6.99	+0.01	+1218.26	+84.22	+0.38	-0.18
16		0	12 M2	-9.30	-0.60	-962.68	-210.02	-29.13	-0.11
16		321	12 M2	-9.30	-0.24	-869.18	-210.02	-29.13	-0.11
16		0	13 M3	+3.63	+0.16	+453.30	+103.95	+16.46	+0.04
16		321	13 M3	+3.63	+0.02	+400.47	+103.95	+16.46	+0.04
16		0	14 M4	-12.50	-0.94	-18.65	-191.92	-23.56	-0.18
16		321	14 M4	-12.50	-0.37	+56.97	-191.92	-23.56	-0.18
16		0	15 M5	-0.96	-0.19	-141.93	-30.34	-4.57	-0.02
16		321	15 M5	-0.96	-0.11	-127.25	-30.34	-4.57	-0.02
16		0	16 M6	+0.86	+0.04	+108.31	+24.94	+3.91	+0.02
16		321	16 M6	+0.86	-0.01	+95.75	+24.94	+3.91	+0.02
16		0	17 M7	-0.50	-0.02	-61.05	-13.94	-2.21	-0.00
16		321	17 M7	-0.50	-0.01	-53.95	-13.94	-2.21	-0.00
16	9	0	M+ A	+0.00	+0.00	+5241.94	+91.13	+5.21	+0.00
16	10	321	M+ A	+0.00	+0.00	+5338.55	+91.13	+10.44	+0.00
16	9	0	M- A	-71.31	-5.80	-933.80	-721.65	-102.85	-1.30
16	10	321	M- A	-71.31	-1.64	-659.17	-721.65	-95.89	-1.30
17	9	0	0 G	+0.00	+0.00	+0.00	+1.33	-33.07	-0.83
17	331	555	0 G	+0.00	+4.61	+165.04	+1.33	-21.58	-0.83
17		0	1 Q1	+0.00	+0.00	+0.00	+0.47	-26.31	+0.18
17		555	1 Q1	+0.00	-1.01	+146.04	+0.47	-26.31	+0.18
17		0	11 M1	+0.00	+0.00	+0.00	+0.41	-7.02	+0.08
17		555	11 M1	+0.00	-0.44	+38.98	+0.41	-7.02	+0.08
17		0	12 M2	+0.00	+0.00	+0.00	+0.25	+0.20	-0.41
17		555	12 M2	+0.00	+2.30	-1.11	+0.25	+0.20	-0.41
17		0	13 M3	+0.00	+0.00	+0.00	-0.05	-0.08	+0.12
17		555	13 M3	+0.00	-0.66	+0.43	-0.05	-0.08	+0.12
17		0	14 M4	+0.00	+0.00	+0.00	+0.37	-24.58	-0.40
17		555	14 M4	+0.00	+2.21	+136.44	+0.37	-24.58	-0.40
17		0	15 M5	+0.00	+0.00	+0.00	+0.11	+0.04	-0.16
17		555	15 M5	+0.00	+0.87	-0.21	+0.11	+0.04	-0.16
17		0	16 M6	+0.00	+0.00	+0.00	-0.02	-0.02	+0.01
17		555	16 M6	+0.00	-0.08	+0.09	-0.02	-0.02	+0.01
17		0	17 M7	+0.00	+0.00	+0.00	+0.00	+0.01	-0.02
17		555	17 M7	+0.00	+0.12	-0.07	+0.00	+0.01	-0.02
17	9	0	M+ A	+0.00	+0.00	+0.00	+3.02	+0.00	+0.00
17	331	555	M+ A	+0.00	+9.58	+621.32	+3.02	+0.00	+0.00
17	9	0	M- A	+0.00	+0.00	+0.00	+0.00	-116.38	-1.73
17	331	555	M- A	+0.00	+0.00	+0.00	+0.00	-101.10	-1.73
18	10	0	0 G	-33.57	-0.80	+644.59	-304.96	-6.63	-0.12
18	11	321	0 G	-33.57	-0.43	+658.45	-304.96	-2.00	-0.12
18		0	1 Q1	-5.87	-0.02	+1965.81	+178.32	+44.08	-0.02
18		321	1 Q1	-5.87	+0.03	+1824.31	+178.32	+44.08	-0.02
18		0	11 M1	-6.99	+0.01	+1218.26	+84.15	+21.06	-0.01
18		321	11 M1	-6.99	+0.06	+1150.67	+84.15	+21.06	-0.01
18		0	12 M2	-9.30	-0.24	-869.18	-209.65	-29.10	-0.04
18		321	12 M2	-9.30	-0.13	-775.78	-209.65	-29.10	-0.04
18		0	13 M3	+3.63	+0.02	+400.47	+103.85	+16.43	+0.01
18		321	13 M3	+3.63	-0.00	+347.72	+103.85	+16.43	+0.01
18		0	14 M4	-12.50	-0.37	+56.97	-191.55	-14.00	-0.06
18		321	14 M4	-12.50	-0.20	+101.92	-191.55	-14.00	-0.06
18		0	15 M5	-0.96	-0.11	-127.25	-30.19	-4.57	-0.01
18		321	15 M5	-0.96	-0.08	-112.57	-30.19	-4.57	-0.01
18		0	16 M6	+0.86	-0.01	+95.75	+24.93	+3.91	+0.00
18		321	16 M6	+0.86	-0.02	+83.20	+24.93	+3.91	+0.00
18		0	17 M7	-0.50	-0.01	-53.95	-13.92	-2.21	-0.00
18		321	17 M7	-0.50	-0.01	-46.86	-13.92	-2.21	-0.00
18	10	0	M+ A	+0.00	+0.00	+5338.55	+91.56	+84.47	+0.00
18	11	321	M+ A	+0.00	+0.00	+5064.56	+91.56	+89.09	+0.00
18	10	0	M- A	-71.31	-1.64	-659.17	-720.07	-52.46	-0.26
18	11	321	M- A	-71.31	-0.86	-505.22	-720.07	-46.31	-0.26
19	10	0	0 G	+0.00	+0.00	+0.00	+0.46	-32.62	-0.77
19	333	555	0 G	+0.00	+4.28	+162.54	+0.46	-21.13	-0.77
19		0	1 Q1	+0.00	+0.00	+0.00	+0.18	-25.56	+0.15
19		555	1 Q1	+0.00	-0.83	+141.85	+0.18	-25.56	+0.15
19		0	11 M1	+0.00	+0.00	+0.00	+0.17	-20.67	+0.06
19		555	11 M1	+0.00	-0.35	+114.74	+0.17	-20.67	+0.06
19		0	12 M2	+0.00	+0.00	+0.00	+0.08	-0.03	-0.37
19		555	12 M2	+0.00	+2.08	+0.18	+0.08	-0.03	-0.37
19		0	13 M3	+0.00	+0.00	+0.00	-0.04	+0.02	+0.10
19		555	13 M3	+0.00	-0.55	-0.13	-0.04	+0.02	+0.10
19		0	14 M4	+0.00	+0.00	+0.00	+0.12	-9.55	-0.36
19		555	14 M4	+0.00	+2.01	+53.03	+0.12	-9.55	-0.36
19		0	15 M5	+0.00	+0.00	+0.00	+0.01	-0.00	-0.15
19		555	15 M5	+0.00	+0.84	+0.00	+0.01	-0.00	-0.15
19		0	16 M6	+0.00	+0.00	+0.00	-0.01	+0.01	+0.01
19		555	16 M6	+0.00	-0.06	-0.04	-0.01	+0.01	+0.01
19		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.00	-0.02
19		555	17 M7	+0.00	+0.10	+0.01	+0.00	-0.00	-0.02
19	10	0	M+ A	+0.00	+0.00	+0.00	+1.10	+0.00	+0.00
19	333	555	M+ A	+0.00	+8.80	+579.78	+1.10	+0.00	+0.00
19	10	0	M- A	+0.00	+0.00	+0.00	+0.00	-108.90	-1.59
19	333	555	M- A	+0.00	+0.00	+0.00	+0.00	-93.62	-1.59
20	11	0	0 G	-33.57	-0.43	+658.45	-304.25	+30.37	-0.37

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
20	12	322	0 G	-33.57	+0.75	+553.20	-304.25	+35.00	-0.37
20		0	1 Q1	-5.87	+0.03	+1824.31	+178.21	+69.14	-0.09
20		322	1 Q1	-5.87	+0.32	+1601.67	+178.21	+69.14	-0.09
20		0	11 M1	-6.99	+0.06	+1150.67	+84.11	+46.78	-0.04
20		322	11 M1	-6.99	+0.19	+1000.04	+84.11	+46.78	-0.04
20		0	12 M2	-9.30	-0.13	-775.78	-209.32	-28.87	-0.09
20		322	12 M2	-9.30	+0.18	-682.82	-209.32	-28.87	-0.09
20		0	13 M3	+3.63	-0.00	+347.72	+103.78	+16.33	-0.05
20		322	13 M3	+3.63	+0.15	+295.15	+103.78	+16.33	-0.05
20		0	14 M4	-12.50	-0.20	+101.92	-191.23	-3.03	-0.12
20		322	14 M4	-12.50	+0.20	+111.67	-191.23	-3.03	-0.12
20		0	15 M5	-0.96	-0.08	-112.57	-30.05	-4.54	-0.11
20		322	15 M5	-0.96	+0.28	-97.95	-30.05	-4.54	-0.11
20		0	16 M6	+0.86	-0.02	+83.20	+24.93	+3.88	-0.03
20		322	16 M6	+0.86	+0.06	+70.71	+24.93	+3.88	-0.03
20		0	17 M7	-0.50	-0.01	-46.86	-13.91	-2.20	+0.00
20		322	17 M7	-0.50	-0.02	-39.78	-13.91	-2.20	+0.00
20	11	0	M+ A	+0.00	+0.00	+5064.56	+91.99	+203.90	+0.00
20	12	322	M+ A	+0.00	+1.85	+4398.08	+91.99	+210.07	+0.00
20	11	0	M- A	-71.31	-0.86	-505.22	-718.64	-12.94	-0.79
20	12	322	M- A	-71.31	+0.00	-471.02	-718.64	-8.30	-0.79
21	11	0	0 G	+0.00	+0.00	+0.00	-0.25	-32.37	-0.70
21	335	555	0 G	+0.00	+3.91	+161.16	-0.25	-20.88	-0.70
21		0	1 Q1	+0.00	+0.00	+0.00	-0.07	-25.06	+0.11
21		555	1 Q1	+0.00	-0.62	+139.09	-0.07	-25.06	+0.11
21		0	11 M1	+0.00	+0.00	+0.00	-0.03	-25.72	+0.05
21		555	11 M1	+0.00	-0.26	+142.75	-0.03	-25.72	+0.05
21		0	12 M2	+0.00	+0.00	+0.00	-0.06	-0.22	-0.33
21		555	12 M2	+0.00	+1.83	+1.24	-0.06	-0.22	-0.33
21		0	13 M3	+0.00	+0.00	+0.00	-0.05	+0.11	+0.08
21		555	13 M3	+0.00	-0.43	-0.59	-0.05	+0.11	+0.08
21		0	14 M4	+0.00	+0.00	+0.00	-0.07	-10.98	-0.32
21		555	14 M4	+0.00	+1.78	+60.91	-0.07	-10.98	-0.32
21		0	15 M5	+0.00	+0.00	+0.00	-0.10	-0.03	-0.15
21		555	15 M5	+0.00	+0.81	+0.17	-0.10	-0.03	-0.15
21		0	16 M6	+0.00	+0.00	+0.00	-0.03	+0.03	+0.00
21		555	16 M6	+0.00	-0.03	-0.14	-0.03	+0.03	+0.00
21		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.01	-0.02
21		555	17 M7	+0.00	+0.09	+0.08	+0.00	-0.01	-0.02
21	11	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
21	335	555	M+ A	+0.00	+7.94	+616.25	+0.00	+0.00	+0.00
21	11	0	M- A	+0.00	+0.00	+0.00	-0.58	-115.47	-1.43
21	335	555	M- A	+0.00	+0.00	+0.00	-0.58	-100.19	-1.43
22	12	0	0 G	-33.57	+0.75	+553.20	-303.61	+67.44	-0.96
22	13	321	0 G	-33.57	+3.83	+329.30	-303.61	+72.06	-0.96
22		0	1 Q1	-5.87	+0.32	+1601.67	+178.14	+94.61	-0.29
22		321	1 Q1	-5.87	+1.26	+1297.97	+178.14	+94.61	-0.29
22		0	11 M1	-6.99	+0.19	+1000.04	+84.08	+69.21	-0.15
22		321	11 M1	-6.99	+0.68	+777.87	+84.08	+69.21	-0.15
22		0	12 M2	-9.30	+0.18	-682.82	-209.04	-28.85	-0.22
22		321	12 M2	-9.30	+0.88	-590.20	-209.04	-28.85	-0.22
22		0	13 M3	+3.63	+0.15	+295.15	+103.72	+16.32	-0.14
22		321	13 M3	+3.63	+0.59	+242.78	+103.72	+16.32	-0.14
22		0	14 M4	-12.50	+0.20	+111.67	-190.95	+22.01	-0.28
22		321	14 M4	-12.50	+1.10	+41.01	-190.95	+22.01	-0.28
22		0	15 M5	-0.96	+0.28	-97.95	-29.91	-4.54	-0.30
22		321	15 M5	-0.96	+1.25	-83.37	-29.91	-4.54	-0.30
22		0	16 M6	+0.86	+0.06	+70.71	+24.93	+3.88	-0.07
22		321	16 M6	+0.86	+0.29	+58.26	+24.93	+3.88	-0.07
22		0	17 M7	-0.50	-0.02	-39.78	-13.90	-2.20	+0.01
22		321	17 M7	-0.50	-0.03	-32.74	-13.90	-2.20	+0.01
22	12	0	M+ A	+0.00	+1.85	+4398.08	+92.45	+321.24	+0.00
22	13	321	M+ A	+0.00	+8.67	+3357.03	+92.45	+327.39	+0.00
22	12	0	M- A	-71.31	+0.00	-471.02	-717.36	+0.00	-2.13
22	13	321	M- A	-71.31	+0.00	-556.00	-717.36	+0.00	-2.13
23	12	0	0 G	+0.00	+0.00	+0.00	-0.59	-32.44	-0.64
23	337	555	0 G	+0.00	+3.55	+161.53	-0.59	-20.95	-0.64
23		0	1 Q1	+0.00	+0.00	+0.00	-0.20	-25.47	+0.07
23		555	1 Q1	+0.00	-0.41	+141.35	-0.20	-25.47	+0.07
23		0	11 M1	+0.00	+0.00	+0.00	-0.11	-22.43	+0.03
23		555	11 M1	+0.00	-0.16	+124.50	-0.11	-22.43	+0.03
23		0	12 M2	+0.00	+0.00	+0.00	-0.13	-0.02	-0.28
23		555	12 M2	+0.00	+1.58	+0.10	-0.13	-0.02	-0.28
23		0	13 M3	+0.00	+0.00	+0.00	-0.09	+0.01	+0.05
23		555	13 M3	+0.00	-0.30	-0.07	-0.09	+0.01	+0.05
23		0	14 M4	+0.00	+0.00	+0.00	-0.15	-25.04	-0.28
23		555	14 M4	+0.00	+1.55	+138.98	-0.15	-25.04	-0.28
23		0	15 M5	+0.00	+0.00	+0.00	-0.19	+0.00	-0.14
23		555	15 M5	+0.00	+0.77	-0.01	-0.19	+0.00	-0.14
23		0	16 M6	+0.00	+0.00	+0.00	-0.05	+0.00	-0.00
23		555	16 M6	+0.00	+0.00	-0.02	-0.05	+0.00	-0.00
23		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.00	-0.01
23		555	17 M7	+0.00	+0.07	+0.01	+0.00	-0.00	-0.01
23	12	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
23	337	555	M+ A	+0.00	+7.09	+614.12	+0.00	+0.00	+0.00
23	12	0	M- A	+0.00	+0.00	+0.00	-1.35	-115.08	-1.28
23	337	555	M- A	+0.00	+0.00	+0.00	-1.35	-99.80	-1.28
24	13	0	0 G	-33.57	+3.83	+329.30	-303.04	+104.87	-1.04
24	14	322	0 G	-33.57	+7.17	-15.84	-303.04	+109.50	-1.04
24		0	1 Q1	-5.87	+1.26	+1297.97	+178.10	+120.32	-0.34
24		322	1 Q1	-5.87	+2.36	+910.53	+178.10	+120.32	-0.34
24		0	11 M1	-6.99	+0.68	+777.87	+84.07	+77.20	-0.18
24		322	11 M1	-6.99	+1.25	+529.29	+84.07	+77.20	-0.18
24		0	12 M2	-9.30	+0.88	-590.20	-208.79	-28.83	-0.23
24		322	12 M2	-9.30	+1.61	-497.36	-208.79	-28.83	-0.23
24		0	13 M3	+3.63	+0.59	+242.78	+103.69	+16.30	-0.17
24		322	13 M3	+3.63	+1.12	+190.27	+103.69	+16.30	-0.17
24		0	14 M4	-12.50	+1.10	+41.01	-190.71	+48.17	-0.28
24		322	14 M4	-12.50	+2.01	-114.09	-190.71	+48.17	-0.28
24		0	15 M5	-0.96	+1.25	-83.37	-29.77	-4.55	-0.34
24		322	15 M5	-0.96	+2.36	-68.73	-29.77	-4.55	-0.34
24		0	16 M6	+0.86	+0.29	+58.26	+24.93	+3.87	-0.08
24		322	16 M6	+0.86	+0.55	+45.78	+24.93	+3.87	-0.08
24		0	17 M7	-0.50	-0.03	-32.74	-13.89	-2.19	+0.01
24		322	17 M7	-0.50	-0.06	-25.67	-13.89	-2.19	+0.01
24	13	0	M+ A	+0.00	+8.67	+3357.03	+92.94	+417.71	+0.00
24	14	322	M+ A	+0.00	+16.27	+2007.32	+92.94	+423.87	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
24	13	0	M- A	-71.31	+0.00	-556.00	-716.23	+0.00	-2.36
24	14	322	M- A	-71.31	+0.00	-767.10	-716.23	+0.00	-2.36
25	13	0	0 G	+0.00	+0.00	+0.00	-0.08	-32.80	-0.58
25	339	555	0 G	+0.00	+3.21	+163.55	-0.08	-21.31	-0.58
25		0	1 Q1	+0.00	+0.00	+0.00	-0.05	-25.71	+0.03
25		555	1 Q1	+0.00	-0.19	+142.70	-0.05	-25.71	+0.03
25		0	11 M1	+0.00	+0.00	+0.00	-0.02	-7.99	+0.01
25		555	11 M1	+0.00	-0.05	+44.33	-0.02	-7.99	+0.01
25		0	12 M2	+0.00	+0.00	+0.00	-0.01	-0.02	-0.24
25		555	12 M2	+0.00	+1.34	+0.12	-0.01	-0.02	-0.24
25		0	13 M3	+0.00	+0.00	+0.00	-0.03	+0.01	+0.03
25		555	13 M3	+0.00	-0.18	-0.06	-0.03	+0.01	+0.03
25		0	14 M4	+0.00	+0.00	+0.00	-0.01	-26.15	-0.24
25		555	14 M4	+0.00	+1.33	+145.14	-0.01	-26.15	-0.24
25		0	15 M5	+0.00	+0.00	+0.00	-0.04	+0.00	-0.13
25		555	15 M5	+0.00	+0.74	-0.01	-0.04	+0.00	-0.13
25		0	16 M6	+0.00	+0.00	+0.00	-0.01	+0.00	-0.01
25		555	16 M6	+0.00	+0.03	-0.02	-0.01	+0.00	-0.01
25		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.00	-0.01
25		555	17 M7	+0.00	+0.05	+0.00	+0.00	-0.00	-0.01
25	13	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
25	339	555	M+ A	+0.00	+6.28	+627.88	+0.00	+0.00	+0.00
25	13	0	M- A	+0.00	+0.00	+0.00	-0.23	-117.56	-1.13
25	339	555	M- A	+0.00	+0.00	+0.00	-0.23	-102.28	-1.13
26	14	0	0 G	-33.57	+7.17	-15.84	-302.51	+143.69	+1.81
26	15	321	0 G	-33.57	+1.37	-484.52	-302.51	+148.32	+1.81
26		0	1 Q1	-5.87	+2.36	+910.53	+178.11	+146.69	+0.56
26		321	1 Q1	-5.87	+0.57	+439.66	+178.11	+146.69	+0.56
26		0	11 M1	-6.99	+1.25	+529.29	+84.08	+92.22	+0.31
26		321	11 M1	-6.99	+0.25	+233.27	+84.08	+92.22	+0.31
26		0	12 M2	-9.30	+1.61	-497.36	-208.60	-28.60	+0.41
26		321	12 M2	-9.30	+0.30	-405.54	-208.60	-28.60	+0.41
26		0	13 M3	+3.63	+1.12	+190.27	+103.68	+16.21	+0.25
26		321	13 M3	+3.63	+0.31	+138.23	+103.68	+16.21	+0.25
26		0	14 M4	-12.50	+2.01	-114.09	-190.51	+64.76	+0.48
26		321	14 M4	-12.50	+0.47	-321.96	-190.51	+64.76	+0.48
26		0	15 M5	-0.96	+2.36	-68.73	-29.64	-4.52	+0.57
26		321	15 M5	-0.96	+0.53	-54.21	-29.64	-4.52	+0.57
26		0	16 M6	+0.86	+0.55	+45.78	+24.95	+3.85	+0.13
26		321	16 M6	+0.86	+0.13	+33.42	+24.95	+3.85	+0.13
26		0	17 M7	-0.50	-0.06	-25.67	-13.88	-2.18	-0.01
26		321	17 M7	-0.50	-0.03	-18.66	-13.88	-2.18	-0.01
26	14	0	M+ A	+0.00	+16.27	+2007.32	+93.45	+527.47	+4.01
26	15	321	M+ A	+0.00	+3.38	+458.93	+93.45	+533.62	+4.01
26	14	0	M- A	-71.31	+0.00	-767.10	-715.24	+0.00	+0.00
26	15	321	M- A	-71.31	+0.00	-1252.72	-715.24	+0.00	+0.00
27	14	0	0 G	+0.00	+0.00	+0.00	+2.84	-34.19	-0.52
27	341	555	0 G	+0.00	+2.89	+171.26	+2.84	-22.70	-0.52
27		0	1 Q1	+0.00	+0.00	+0.00	+0.90	-26.37	-0.01
27		555	1 Q1	+0.00	+0.03	+146.33	+0.90	-26.37	-0.01
27		0	11 M1	+0.00	+0.00	+0.00	+0.49	-15.02	-0.01
27		555	11 M1	+0.00	+0.05	+83.35	+0.49	-15.02	-0.01
27		0	12 M2	+0.00	+0.00	+0.00	+0.63	-0.23	-0.20
27		555	12 M2	+0.00	+1.10	+1.27	+0.63	-0.23	-0.20
27		0	13 M3	+0.00	+0.00	+0.00	+0.42	+0.09	+0.01
27		555	13 M3	+0.00	-0.05	-0.50	+0.42	+0.09	+0.01
27		0	14 M4	+0.00	+0.00	+0.00	+0.76	-16.59	-0.20
27		555	14 M4	+0.00	+1.12	+92.09	+0.76	-16.59	-0.20
27		0	15 M5	+0.00	+0.00	+0.00	+0.91	-0.02	-0.13
27		555	15 M5	+0.00	+0.72	+0.12	+0.91	-0.02	-0.13
27		0	16 M6	+0.00	+0.00	+0.00	+0.21	+0.02	-0.01
27		555	16 M6	+0.00	+0.07	-0.12	+0.21	+0.02	-0.01
27		0	17 M7	+0.00	+0.00	+0.00	-0.02	-0.01	-0.01
27		555	17 M7	+0.00	+0.04	+0.06	-0.02	-0.01	-0.01
27	14	0	M+ A	+0.00	+0.00	+0.00	+6.37	+0.00	+0.00
27	341	555	M+ A	+0.00	+5.57	+563.46	+6.37	+0.00	+0.00
27	14	0	M- A	+0.00	+0.00	+0.00	+0.00	-105.96	-1.00
27	341	555	M- A	+0.00	+0.00	+0.00	+0.00	-90.67	-1.00
28	15	0	0 G	-33.57	+1.37	-484.52	-302.05	+182.30	+11.27
28	16	322	0 G	-33.57	-34.92	-1078.99	-302.05	+186.94	+11.27
28		0	1 Q1	-5.87	+0.57	+439.66	+178.15	+172.89	+3.73
28		322	1 Q1	-5.87	-11.45	-117.05	+178.15	+172.89	+3.73
28		0	11 M1	-6.99	+0.25	+233.27	+84.11	+112.00	+1.98
28		322	11 M1	-6.99	-6.11	-127.38	+84.11	+112.00	+1.98
28		0	12 M2	-9.30	+0.30	-405.54	-208.44	-28.35	+2.45
28		322	12 M2	-9.30	-7.58	-314.25	-208.44	-28.35	+2.45
28		0	13 M3	+3.63	+0.31	+138.23	+103.69	+16.12	+1.78
28		322	13 M3	+3.63	-5.41	+86.32	+103.69	+16.12	+1.78
28		0	14 M4	-12.50	+0.47	-321.96	-190.35	+72.51	+2.93
28		322	14 M4	-12.50	-8.97	-555.45	-190.35	+72.51	+2.93
28		0	15 M5	-0.96	+0.53	-54.21	-29.52	-4.49	+3.75
28		322	15 M5	-0.96	-11.54	-39.75	-29.52	-4.49	+3.75
28		0	16 M6	+0.86	+0.13	+33.42	+24.96	+3.83	+0.89
28		322	16 M6	+0.86	-2.73	+21.09	+24.96	+3.83	+0.89
28		0	17 M7	-0.50	-0.03	-18.66	-13.88	-2.17	-0.07
28		322	17 M7	-0.50	+0.20	-11.68	-13.88	-2.17	-0.07
28	15	0	M+ A	+0.00	+3.38	+458.93	+93.99	+643.87	+25.65
28	16	322	M+ A	+0.00	+0.00	+0.00	+93.99	+650.04	+25.65
28	15	0	M- A	-71.31	+0.00	-1252.72	-714.39	+0.00	+0.00
28	16	322	M- A	-71.31	-79.21	-2426.26	-714.39	+0.00	+0.00
29	15	0	0 G	+0.00	+0.00	+0.00	+9.47	-33.98	-0.46
29	343	555	0 G	+0.00	+2.56	+170.10	+9.47	-22.49	-0.46
29		0	1 Q1	+0.00	+0.00	+0.00	+3.17	-26.20	-0.04
29		555	1 Q1	+0.00	+0.25	+145.43	+3.17	-26.20	-0.04
29		0	11 M1	+0.00	+0.00	+0.00	+1.67	-19.79	-0.03
29		555	11 M1	+0.00	+0.15	+109.82	+1.67	-19.79	-0.03
29		0	12 M2	+0.00	+0.00	+0.00	+2.04	-0.25	-0.16
29		555	12 M2	+0.00	+0.86	+1.41	+2.04	-0.25	-0.16
29		0	13 M3	+0.00	+0.00	+0.00	+1.53	+0.09	-0.01
29		555	13 M3	+0.00	+0.07	-0.52	+1.53	+0.09	-0.01
29		0	14 M4	+0.00	+0.00	+0.00	+2.45	-7.76	-0.16
29		555	14 M4	+0.00	+0.91	+43.05	+2.45	-7.76	-0.16
29		0	15 M5	+0.00	+0.00	+0.00	+3.18	-0.03	-0.12
29		555	15 M5	+0.00	+0.69	+0.17	+3.18	-0.03	-0.12
29		0	16 M6	+0.00	+0.00	+0.00	+0.76	+0.02	-0.02
29		555	16 M6	+0.00	+0.10	-0.13	+0.76	+0.02	-0.02

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
29		0	17 M7	+0.00	+0.00	+0.00	-0.07	-0.01	-0.00
29		555	17 M7	+0.00	+0.02	+0.07	-0.07	-0.01	-0.00
29	15	0	M+ A	+0.00	+0.00	+0.00	+21.64	+0.00	+0.00
29	343	555	M+ A	+0.00	+5.10	+587.29	+21.64	+0.00	+0.00
29	15	0	M- A	+0.00	+0.00	+0.00	+0.00	-110.25	-0.92
29	343	555	M- A	+0.00	+0.00	+0.00	+0.00	-94.97	-0.92
30	16	0	0 G	-33.57	-34.92	-1078.99	-301.67	+199.06	+25.46
30	17	321	0 G	-33.57	-116.66	-1726.79	-301.67	+204.55	+25.46
30		0	1 Q1	-5.87	-11.45	-117.05	+178.23	+189.96	+8.80
30		321	1 Q1	-5.87	-39.68	-726.84	+178.23	+189.96	+8.80
30		0	11 M1	-6.99	-6.11	-127.38	+84.15	+115.86	+4.56
30		321	11 M1	-6.99	-20.75	-499.30	+84.15	+115.86	+4.56
30		0	12 M2	-9.30	-7.58	-314.25	-208.33	-31.56	+5.37
30		321	12 M2	-9.30	-24.84	-212.94	-208.33	-31.56	+5.37
30		0	13 M3	+3.63	-5.41	+86.32	+103.72	+17.36	+4.33
30		321	13 M3	+3.63	-19.30	+30.60	+103.72	+17.36	+4.33
30		0	14 M4	-12.50	-8.97	-555.45	-190.23	+80.79	+6.45
30		321	14 M4	-12.50	-29.68	-814.80	-190.23	+80.79	+6.45
30		0	15 M5	-0.96	-11.54	-39.75	-29.41	-4.88	+8.77
30		321	15 M5	-0.96	-39.68	-24.09	-29.41	-4.88	+8.77
30		0	16 M6	+0.86	-2.73	+21.09	+24.98	+4.12	+2.12
30		321	16 M6	+0.86	-9.54	+7.85	+24.98	+4.12	+2.12
30		0	17 M7	-0.50	+0.20	-11.68	-13.88	-2.34	-0.19
30		321	17 M7	-0.50	+0.83	-4.18	-13.88	-2.34	-0.19
30	16	0	M+ A	+0.00	+0.00	+0.00	+94.53	+695.00	+58.89
30	17	321	M+ A	+0.00	+0.00	+0.00	+94.53	+702.30	+58.89
30	16	0	M- A	-71.31	-79.21	-2426.26	-713.72	+0.00	+0.00
30	17	321	M- A	-71.31	-268.24	-4500.06	-713.72	+0.00	+0.00
31	16	0	0 G	+0.00	+0.00	+0.00	+14.19	-12.12	-0.38
31	345	555	0 G	+0.00	+2.12	+48.78	+14.19	-0.63	-0.38
31		0	1 Q1	+0.00	+0.00	+0.00	+5.06	-17.07	-0.08
31		555	1 Q1	+0.00	+0.42	+94.75	+5.06	-17.07	-0.08
31		0	11 M1	+0.00	+0.00	+0.00	+2.58	-3.86	-0.04
31		555	11 M1	+0.00	+0.24	+21.43	+2.58	-3.86	-0.04
31		0	12 M2	+0.00	+0.00	+0.00	+2.93	+3.21	-0.11
31		555	12 M2	+0.00	+0.60	-17.83	+2.93	+3.21	-0.11
31		0	13 M3	+0.00	+0.00	+0.00	+2.55	-1.24	-0.03
31		555	13 M3	+0.00	+0.18	+6.86	+2.55	-1.24	-0.03
31		0	14 M4	+0.00	+0.00	+0.00	+3.52	-8.28	-0.12
31		555	14 M4	+0.00	+0.66	+45.95	+3.52	-8.28	-0.12
31		0	15 M5	+0.00	+0.00	+0.00	+5.02	+0.39	-0.11
31		555	15 M5	+0.00	+0.63	-2.14	+5.02	+0.39	-0.11
31		0	16 M6	+0.00	+0.00	+0.00	+1.23	-0.30	-0.02
31		555	16 M6	+0.00	+0.12	+1.64	+1.23	-0.30	-0.02
31		0	17 M7	+0.00	+0.00	+0.00	-0.12	+0.17	-0.00
31		555	17 M7	+0.00	+0.00	-0.92	-0.12	+0.17	-0.00
31	16	0	M+ A	+0.00	+0.00	+0.00	+33.24	+0.00	+0.00
31	345	555	M+ A	+0.00	+4.38	+261.70	+33.24	+4.19	+0.00
31	16	0	M- A	+0.00	+0.00	+0.00	+0.00	-51.59	-0.79
31	345	555	M- A	+0.00	+0.00	+0.00	+0.00	-36.30	-0.79
32	17	0	0 G	+38.73	+124.98	-1679.70	-206.84	-197.51	+27.12
32	18	355	0 G	+38.73	+28.69	-989.31	-206.84	-191.44	+27.12
32		0	1 Q1	+4.13	+38.41	-200.62	+147.28	+13.47	+8.22
32		355	1 Q1	+4.13	+9.22	-248.42	+147.28	+13.47	+8.22
32		0	11 M1	+3.65	+20.96	-161.81	+62.27	+7.94	+4.52
32		355	11 M1	+3.65	+4.91	-190.00	+62.27	+7.94	+4.52
32		0	12 M2	+9.75	+28.38	-490.58	-153.77	-62.20	+6.21
32		355	12 M2	+9.75	+6.33	-269.77	-153.77	-62.20	+6.21
32		0	13 M3	-1.64	+17.17	+105.59	+109.49	+4.85	+3.64
32		355	13 M3	-1.64	+4.25	+88.36	+109.49	+4.85	+3.64
32		0	14 M4	+12.87	+34.42	-848.23	-159.68	-92.55	+7.52
32		355	14 M4	+12.87	+7.73	-519.68	-159.68	-92.55	+7.52
32		0	15 M5	+6.22	+38.88	-54.44	+6.66	-6.89	+8.37
32		355	15 M5	+6.22	+9.17	-29.98	+6.66	-6.89	+8.37
32		0	16 M6	-0.51	+8.96	+27.54	+30.31	+1.32	+1.91
32		355	16 M6	-0.51	+2.20	+22.86	+30.31	+1.32	+1.91
32		0	17 M7	+0.25	-0.58	-13.54	-13.20	-0.64	-0.12
32		355	17 M7	+0.25	-0.15	-11.25	-13.20	-0.64	-0.12
32	17	0	M+ A	+76.40	+276.40	+0.00	+156.23	+0.00	+59.73
32	18	355	M+ A	+76.40	+64.36	+0.00	+156.23	+0.00	+59.73
32	17	0	M- A	+0.00	+0.00	-3777.18	-514.61	-401.52	+0.00
32	18	355	M- A	+0.00	+0.00	-2430.67	-514.61	-393.44	+0.00
33	17	0	0 G	-15.44	-249.98	+248.12	-10.87	+807.17	-97.82
33	93	220	0 G	-15.44	-34.77	-1531.14	-10.87	+810.34	-97.82
33		0	1 Q1	+17.27	-81.34	+5.55	-0.08	+43.70	-31.80
33		220	1 Q1	+17.27	-11.38	-90.58	-0.08	+43.70	-31.80
33		0	11 M1	-0.11	-43.69	+22.60	-0.89	+52.78	-17.07
33		220	11 M1	-0.11	-6.13	-93.51	-0.89	+52.78	-17.07
33		0	12 M2	-1.44	-54.90	+80.72	-3.85	+229.67	-21.49
33		220	12 M2	-1.44	-7.61	-424.57	-3.85	+229.67	-21.49
33		0	13 M3	-3.03	-37.61	-29.98	+1.23	-86.06	-14.72
33		220	13 M3	-3.03	-5.23	+159.35	+1.23	-86.06	-14.72
33		0	14 M4	-1.01	-66.02	+103.08	-4.73	+378.62	-25.85
33		220	14 M4	-1.01	-9.14	-729.87	-4.73	+378.62	-25.85
33		0	15 M5	-5.83	-80.82	+12.46	-0.72	+32.04	-31.64
33		220	15 M5	-5.83	-11.21	-58.04	-0.72	+32.04	-31.64
33		0	16 M6	-2.08	-19.24	-7.16	+0.23	-20.77	-7.52
33		220	16 M6	-2.08	-2.69	+38.53	+0.23	-20.77	-7.52
33		0	17 M7	-0.41	+1.37	+4.07	-0.18	+11.54	+0.54
33		220	17 M7	-0.41	+0.18	-21.32	-0.18	+11.54	+0.54
33	17	0	M+ A	+7.88	+0.00	+492.12	+0.00	+1700.45	+0.00
33	93	220	M+ A	+7.88	+0.00	+0.00	+0.00	+1704.67	+0.00
33	17	0	M- A	-29.28	-563.52	+0.00	-21.66	+0.00	-220.50
33	93	220	M- A	-29.28	-78.43	-3253.51	-21.66	+0.00	-220.50
34	17	0	0 G	+8.34	-175.82	-31.65	-405.11	-2.99	-12.53
34	255	753	0 G	+8.34	-81.50	-9.16	-396.31	-2.99	-12.53
34		0	1 Q1	+3.25	+4.45	-543.49	+132.80	-62.75	+0.49
34		753	1 Q1	+3.25	+0.73	-70.99	+132.80	-62.75	+0.49
34		0	11 M1	+1.99	-11.96	-337.38	+55.15	-38.95	-0.85
34		753	11 M1	+1.99	-5.53	-44.11	+55.15	-38.95	-0.85
34		0	12 M2	+1.69	-61.66	+279.07	-199.04	+33.06	-4.69
34		753	12 M2	+1.69	-26.35	+30.12	-199.04	+33.06	-4.69
34		0	13 M3	+1.15	+24.71	-71.95	+98.56	-8.95	+1.92
34		753	13 M3	+1.15	+10.27	-4.55	+98.56	-8.95	+1.92
34		0	14 M4	+1.92	-77.71	+34.45	-205.27	+4.70	-5.80
34		753	14 M4	+1.92	-34.03	-0.93	-205.27	+4.70	-5.80

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
34		0	15 M5	+2.26	-5.27	+36.18	-30.03	+4.42	-0.33
34		753	15 M5	+2.26	-2.82	+2.89	-30.03	+4.42	-0.33
34		0	16 M6	+0.74	+5.80	-17.61	+23.57	-2.19	+0.45
34		753	16 M6	+0.74	+2.41	-1.10	+23.57	-2.19	+0.45
34		0	17 M7	+0.04	-3.32	+9.78	-13.24	+1.21	-0.26
34		753	17 M7	+0.04	-1.39	+0.63	-13.24	+1.21	-0.26
34	17	0	M+ A	+18.88	+0.00	+386.96	+0.00	+46.60	+0.00
34	255	753	M+ A	+18.88	+0.00	+36.02	+0.00	+46.60	+0.00
34	17	0	M- A	+0.00	-350.42	-1281.88	-846.70	-147.11	-25.36
34	255	753	M- A	+0.00	-159.44	-174.17	-835.00	-147.11	-25.36
35	18	0	0 G	+38.73	+28.69	-989.31	-206.51	-174.52	+9.64
35	19	355	0 G	+38.73	-5.53	-378.85	-206.51	-169.40	+9.64
35		0	1 Q1	+4.13	+9.22	-248.42	+147.43	+13.08	+3.05
35		355	1 Q1	+4.13	-1.61	-294.85	+147.43	+13.08	+3.05
35		0	11 M1	+3.65	+4.91	-190.00	+62.35	+7.28	+1.64
35		355	11 M1	+3.65	-0.93	-215.84	+62.35	+7.28	+1.64
35		0	12 M2	+9.75	+6.33	-269.77	-153.72	-65.67	+2.15
35		355	12 M2	+9.75	-1.31	-36.63	-153.72	-65.67	+2.15
35		0	13 M3	-1.64	+4.25	+88.36	+109.57	+5.91	+1.39
35		355	13 M3	-1.64	-0.70	+67.36	+109.57	+5.91	+1.39
35		0	14 M4	+12.87	+7.73	-519.68	-159.61	-83.12	+2.61
35		355	14 M4	+12.87	-1.53	-224.60	-159.61	-83.12	+2.61
35		0	15 M5	+6.22	+9.17	-29.98	+6.77	-7.22	+3.07
35		355	15 M5	+6.22	-1.72	-4.35	+6.77	-7.22	+3.07
35		0	16 M6	-0.51	+2.20	+22.86	+30.35	+1.57	+0.72
35		355	16 M6	-0.51	-0.35	+17.29	+30.35	+1.57	+0.72
35		0	17 M7	+0.25	-0.15	-11.25	-13.21	-0.79	-0.05
35		355	17 M7	+0.25	+0.03	-8.46	-13.21	-0.79	-0.05
35	18	0	M+ A	+76.40	+64.36	+0.00	+156.87	+0.00	+21.54
35	19	355	M+ A	+76.40	+0.00	+0.00	+156.87	+0.00	+21.54
35	18	0	M- A	+0.00	+0.00	-2430.67	-514.08	-356.79	+0.00
35	19	355	M- A	+0.00	-12.10	-1238.83	-514.08	-349.99	+0.00
36	18	0	0 G	+0.00	+0.00	+0.00	-17.48	-16.92	-0.33
36	349	555	0 G	+0.00	+1.81	+74.06	-17.48	-4.45	-0.33
36		0	1 Q1	+0.00	+0.00	+0.00	-5.17	+0.39	-0.15
36		555	1 Q1	+0.00	+0.81	-2.14	-5.17	+0.39	-0.15
36		0	11 M1	+0.00	+0.00	+0.00	-2.88	+0.66	-0.08
36		555	11 M1	+0.00	+0.42	-3.68	-2.88	+0.66	-0.08
36		0	12 M2	+0.00	+0.00	+0.00	-4.06	+3.47	-0.05
36		555	12 M2	+0.00	+0.28	-19.28	-4.06	+3.47	-0.05
36		0	13 M3	+0.00	+0.00	+0.00	-2.24	-1.06	-0.08
36		555	13 M3	+0.00	+0.42	+5.88	-2.24	-1.06	-0.08
36		0	14 M4	+0.00	+0.00	+0.00	-4.91	-9.43	-0.07
36		555	14 M4	+0.00	+0.37	+52.34	-4.91	-9.43	-0.07
36		0	15 M5	+0.00	+0.00	+0.00	-5.30	+0.33	-0.12
36		555	15 M5	+0.00	+0.66	-1.83	-5.30	+0.33	-0.12
36		0	16 M6	+0.00	+0.00	+0.00	-1.19	-0.25	-0.03
36		555	16 M6	+0.00	+0.19	+1.41	-1.19	-0.25	-0.03
36		0	17 M7	+0.00	+0.00	+0.00	+0.07	+0.14	+0.00
36		555	17 M7	+0.00	-0.03	-0.79	+0.07	+0.14	+0.00
36	18	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
36	349	555	M+ A	+0.00	+4.49	+177.02	+0.00	+1.28	+0.00
36	18	0	M- A	+0.00	+0.00	+0.00	-38.19	-36.65	-0.81
36	349	555	M- A	+0.00	+0.00	+0.00	-38.19	-20.07	-0.81
37	19	0	0 G	+38.73	-5.53	-378.85	-206.19	-131.57	+0.55
37	20	355	0 G	+38.73	-7.49	+79.14	-206.19	-126.46	+0.55
37		0	1 Q1	+4.13	-1.61	-294.85	+147.62	+13.02	+0.21
37		355	1 Q1	+4.13	-2.34	-341.07	+147.62	+13.02	+0.21
37		0	11 M1	+3.65	-0.93	-215.84	+62.45	+7.35	+0.10
37		355	11 M1	+3.65	-1.28	-241.94	+62.45	+7.35	+0.10
37		0	12 M2	+9.75	-1.31	-36.63	-153.70	-65.01	+0.11
37		355	12 M2	+9.75	-1.70	+194.17	-153.70	-65.01	+0.11
37		0	13 M3	-1.64	-0.70	+67.36	+109.68	+5.78	+0.10
37		355	13 M3	-1.64	-1.07	+46.84	+109.68	+5.78	+0.10
37		0	14 M4	+12.87	-1.53	-224.60	-159.57	-74.26	+0.14
37		355	14 M4	+12.87	-2.04	+39.03	-159.57	-74.26	+0.14
37		0	15 M5	+6.22	-1.72	-4.35	+6.91	-7.18	+0.19
37		355	15 M5	+6.22	-2.39	+21.13	+6.91	-7.18	+0.19
37		0	16 M6	-0.51	-0.35	+17.29	+30.39	+1.54	+0.05
37		355	16 M6	-0.51	-0.54	+11.82	+30.39	+1.54	+0.05
37		0	17 M7	+0.25	+0.03	-8.46	-13.22	-0.77	-0.00
37		355	17 M7	+0.25	+0.05	-5.73	-13.22	-0.77	-0.00
37	19	0	M+ A	+76.40	+0.00	+0.00	+157.62	+0.00	+1.30
37	20	355	M+ A	+76.40	+0.00	+396.51	+157.62	+0.00	+1.30
37	19	0	M- A	+0.00	-12.10	-1238.83	-513.58	-286.38	+0.00
37	20	355	M- A	+0.00	-16.70	-744.22	-513.58	-279.58	+0.00
38	19	0	0 G	+0.00	+0.00	+0.00	-9.09	-37.83	-0.32
38	351	555	0 G	+0.00	+1.79	+190.14	-9.09	-25.36	-0.32
38		0	1 Q1	+0.00	+0.00	+0.00	-2.84	+0.06	-0.19
38		555	1 Q1	+0.00	+1.08	-0.32	-2.84	+0.06	-0.19
38		0	11 M1	+0.00	+0.00	+0.00	-1.54	-0.07	-0.10
38		555	11 M1	+0.00	+0.54	+0.41	-1.54	-0.07	-0.10
38		0	12 M2	+0.00	+0.00	+0.00	-2.04	-0.66	-0.03
38		555	12 M2	+0.00	+0.14	+3.66	-2.04	-0.66	-0.03
38		0	13 M3	+0.00	+0.00	+0.00	-1.29	+0.13	-0.11
38		555	13 M3	+0.00	+0.60	-0.74	-1.29	+0.13	-0.11
38		0	14 M4	+0.00	+0.00	+0.00	-2.47	-8.85	-0.04
38		555	14 M4	+0.00	+0.23	+49.14	-2.47	-8.85	-0.04
38		0	15 M5	+0.00	+0.00	+0.00	-2.88	-0.04	-0.13
38		555	15 M5	+0.00	+0.75	+0.22	-2.88	-0.04	-0.13
38		0	16 M6	+0.00	+0.00	+0.00	-0.66	+0.03	-0.04
38		555	16 M6	+0.00	+0.25	-0.18	-0.66	+0.03	-0.04
38		0	17 M7	+0.00	+0.00	+0.00	+0.05	-0.02	+0.01
38		555	17 M7	+0.00	-0.04	+0.10	+0.05	-0.02	+0.01
38	19	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
38	351	555	M+ A	+0.00	+4.96	+326.60	+0.00	+0.00	+0.00
38	19	0	M- A	+0.00	+0.00	+0.00	-20.24	-63.60	-0.89
38	351	555	M- A	+0.00	+0.00	+0.00	-20.24	-47.02	-0.89
39	20	0	0 G	+38.73	-7.49	+79.14	-205.89	-89.50	-1.27
39	21	355	0 G	+38.73	-2.98	+387.79	-205.89	-84.38	-1.27
39		0	1 Q1	+4.13	-2.34	-341.07	+147.86	+13.02	-0.41
39		355	1 Q1	+4.13	-0.90	-387.28	+147.86	+13.02	-0.41
39		0	11 M1	+3.65	-1.28	-241.94	+62.56	+7.39	-0.22
39		355	11 M1	+3.65	-0.50	-268.16	+62.56	+7.39	-0.22
39		0	12 M2	+9.75	-1.70	+194.17	-153.70	-51.48	-0.28
39		355	12 M2	+9.75	-0.72	+376.92	-153.70	-51.48	-0.28

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
39		0	13 M3	-1.64	-1.07	+46.84	+109.81	+5.71	-0.19
39		355	13 M3	-1.64	-0.40	+26.57	+109.81	+5.71	-0.19
39		0	14 M4	+12.87	-2.04	+39.03	-159.56	-50.72	-0.33
39		355	14 M4	+12.87	-0.88	+219.10	-159.56	-50.72	-0.33
39		0	15 M5	+6.22	-2.39	+21.13	+7.05	-7.15	-0.42
39		355	15 M5	+6.22	-0.90	+46.52	+7.05	-7.15	-0.42
39		0	16 M6	-0.51	-0.54	+11.82	+30.44	+1.52	-0.09
39		355	16 M6	-0.51	-0.22	+6.42	+30.44	+1.52	-0.09
39		0	17 M7	+0.25	+0.05	-5.73	-13.23	-0.76	+0.01
39		355	17 M7	+0.25	+0.01	-3.04	-13.23	-0.76	+0.01
39	20	0	M+ A	+76.40	+0.00	+396.51	+158.44	+0.00	+0.00
39	21	355	M+ A	+76.40	+0.00	+1081.13	+158.44	+0.00	+0.00
39	20	0	M- A	+0.00	-16.70	-744.22	-513.17	-196.25	-2.86
39	21	355	M- A	+0.00	-6.54	-537.29	-513.17	-189.45	-2.86
40	20	0	0 G	+0.00	+0.00	+0.00	-1.82	-36.96	-0.30
40	353	555	0 G	+0.00	+1.66	+185.27	-1.82	-24.49	-0.30
40		0	1 Q1	+0.00	+0.00	+0.00	-0.61	+0.01	-0.24
40		555	1 Q1	+0.00	+1.31	-0.03	-0.61	+0.01	-0.24
40		0	11 M1	+0.00	+0.00	+0.00	-0.32	-0.03	-0.12
40		555	11 M1	+0.00	+0.64	+0.19	-0.32	-0.03	-0.12
40		0	12 M2	+0.00	+0.00	+0.00	-0.39	-13.53	+0.00
40		555	12 M2	+0.00	-0.03	+75.11	-0.39	-13.53	+0.00
40		0	13 M3	+0.00	+0.00	+0.00	-0.29	+0.07	-0.14
40		555	13 M3	+0.00	+0.76	-0.39	-0.29	+0.07	-0.14
40		0	14 M4	+0.00	+0.00	+0.00	-0.47	-23.54	-0.01
40		555	14 M4	+0.00	+0.06	+130.66	-0.47	-23.54	-0.01
40		0	15 M5	+0.00	+0.00	+0.00	-0.61	-0.03	-0.14
40		555	15 M5	+0.00	+0.80	+0.15	-0.61	-0.03	-0.14
40		0	16 M6	+0.00	+0.00	+0.00	-0.14	+0.02	-0.05
40		555	16 M6	+0.00	+0.29	-0.10	-0.14	+0.02	-0.05
40		0	17 M7	+0.00	+0.00	+0.00	+0.01	-0.01	+0.01
40		555	17 M7	+0.00	-0.06	+0.05	+0.01	-0.01	+0.01
40	20	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
40	353	555	M+ A	+0.00	+5.17	+442.41	+0.00	+0.00	+0.00
40	20	0	M- A	+0.00	+0.00	+0.00	-4.16	-84.47	-0.93
40	353	555	M- A	+0.00	+0.00	+0.00	-4.16	-67.88	-0.93
41	21	0	0 G	+38.73	-2.98	+387.79	-205.61	-48.71	-0.81
41	22	355	0 G	+38.73	-0.09	+551.62	-205.61	-43.59	-0.81
41		0	1 Q1	+4.13	-0.90	-387.28	+148.14	+13.03	-0.28
41		355	1 Q1	+4.13	+0.09	-433.54	+148.14	+13.03	-0.28
41		0	11 M1	+3.65	-0.50	-268.16	+62.70	+7.40	-0.15
41		355	11 M1	+3.65	+0.03	-294.42	+62.70	+7.40	-0.15
41		0	12 M2	+9.75	-0.72	+376.92	-153.74	-29.59	-0.16
41		355	12 M2	+9.75	-0.14	+481.95	-153.74	-29.59	-0.16
41		0	13 M3	-1.64	-0.40	+26.57	+109.98	+5.71	-0.13
41		355	13 M3	-1.64	+0.07	+6.32	+109.98	+5.71	-0.13
41		0	14 M4	+12.87	-0.88	+219.10	-159.58	-21.76	-0.19
41		355	14 M4	+12.87	-0.20	+296.34	-159.58	-21.76	-0.19
41		0	15 M5	+6.22	-0.90	+46.52	+7.21	-7.12	-0.29
41		355	15 M5	+6.22	+0.11	+71.78	+7.21	-7.12	-0.29
41		0	16 M6	-0.51	-0.22	+6.42	+30.51	+1.52	-0.06
41		355	16 M6	-0.51	-0.02	+1.03	+30.51	+1.52	-0.06
41		0	17 M7	+0.25	+0.01	-3.04	-13.24	-0.76	+0.01
41		355	17 M7	+0.25	-0.02	-0.34	-13.24	-0.76	+0.01
41	21	0	M+ A	+76.40	+0.00	+1081.13	+159.34	+0.00	+0.00
41	22	355	M+ A	+76.40	+0.19	+1456.58	+159.34	+0.00	+0.00
41	21	0	M- A	+0.00	-6.54	-537.29	-512.83	-109.16	-1.89
41	22	355	M- A	+0.00	-0.43	-475.28	-512.83	-102.36	-1.89
42	21	0	0 G	+0.00	+0.00	+0.00	+0.45	-35.68	-0.27
42	355	555	0 G	+0.00	+1.52	+178.16	+0.45	-23.21	-0.27
42		0	1 Q1	+0.00	+0.00	+0.00	+0.13	-0.02	-0.28
42		555	1 Q1	+0.00	+1.54	+0.09	+0.13	-0.02	-0.28
42		0	11 M1	+0.00	+0.00	+0.00	+0.07	-0.01	-0.13
42		555	11 M1	+0.00	+0.74	+0.05	+0.07	-0.01	-0.13
42		0	12 M2	+0.00	+0.00	+0.00	+0.11	-21.89	+0.04
42		555	12 M2	+0.00	-0.20	+121.51	+0.11	-21.89	+0.04
42		0	13 M3	+0.00	+0.00	+0.00	+0.06	+0.00	-0.17
42		555	13 M3	+0.00	+0.92	-0.02	+0.06	+0.00	-0.17
42		0	14 M4	+0.00	+0.00	+0.00	+0.14	-28.96	+0.02
42		555	14 M4	+0.00	-0.11	+160.74	+0.14	-28.96	+0.02
42		0	15 M5	+0.00	+0.00	+0.00	+0.13	-0.04	-0.15
42		555	15 M5	+0.00	+0.85	+0.20	+0.13	-0.04	-0.15
42		0	16 M6	+0.00	+0.00	+0.00	+0.03	+0.00	-0.06
42		555	16 M6	+0.00	+0.34	-0.01	+0.03	+0.00	-0.06
42		0	17 M7	+0.00	+0.00	+0.00	-0.00	-0.00	+0.01
42		555	17 M7	+0.00	-0.08	+0.00	-0.00	-0.00	+0.01
42	21	0	M+ A	+0.00	+0.00	+0.00	+0.98	+0.00	+0.00
42	355	555	M+ A	+0.00	+5.48	+478.19	+0.98	+0.00	+0.00
42	21	0	M- A	+0.00	+0.00	+0.00	+0.00	-90.91	-0.99
42	355	555	M- A	+0.00	+0.00	+0.00	+0.00	-74.33	-0.99
43	22	0	0 G	+38.73	-0.09	+551.62	-205.36	-8.17	-0.21
43	23	355	0 G	+38.73	+0.66	+571.56	-205.36	-3.06	-0.21
43		0	1 Q1	+4.13	+0.09	-433.54	+148.46	+13.17	-0.09
43		355	1 Q1	+4.13	+0.40	-480.28	+148.46	+13.17	-0.09
43		0	11 M1	+3.65	+0.03	-294.42	+62.85	+7.48	-0.05
43		355	11 M1	+3.65	+0.20	-320.98	+62.85	+7.48	-0.05
43		0	12 M2	+9.75	-0.14	+481.95	-153.80	-21.30	-0.03
43		355	12 M2	+9.75	-0.02	+557.55	-153.80	-21.30	-0.03
43		0	13 M3	-1.64	+0.07	+6.32	+110.17	+5.72	-0.05
43		355	13 M3	-1.64	+0.24	-13.99	+110.17	+5.72	-0.05
43		0	14 M4	+12.87	-0.20	+296.34	-159.63	-0.76	-0.03
43		355	14 M4	+12.87	-0.09	+299.05	-159.63	-0.76	-0.03
43		0	15 M5	+6.22	+0.11	+71.78	+7.37	-7.23	-0.09
43		355	15 M5	+6.22	+0.44	+97.46	+7.37	-7.23	-0.09
43		0	16 M6	-0.51	-0.02	+1.03	+30.58	+1.52	-0.02
43		355	16 M6	-0.51	+0.04	-4.38	+30.58	+1.52	-0.02
43		0	17 M7	+0.25	-0.02	-0.34	-13.26	-0.76	+0.00
43		355	17 M7	+0.25	-0.03	+2.36	-13.26	-0.76	+0.00
43	22	0	M+ A	+76.40	+0.19	+1456.58	+160.32	+20.82	+0.00
43	23	355	M+ A	+76.40	+2.09	+1596.50	+160.32	+25.94	+0.00
43	22	0	M- A	+0.00	-0.43	-475.28	-512.57	-42.82	-0.54
43	23	355	M- A	+0.00	+0.00	-558.28	-512.57	-36.01	-0.54
44	22	0	0 G	+0.00	+0.00	+0.00	+0.60	-35.42	-0.25
44	357	555	0 G	+0.00	+1.40	+176.75	+0.60	-22.95	-0.25
44		0	1 Q1	+0.00	+0.00	+0.00	+0.19	-0.14	-0.32
44		555	1 Q1	+0.00	+1.78	+0.75	+0.19	-0.14	-0.32

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
44		0	11 M1	+0.00	+0.00	+0.00	+0.10	-0.09	-0.15
44		555	11 M1	+0.00	+0.85	+0.48	+0.10	-0.09	-0.15
44		0	12 M2	+0.00	+0.00	+0.00	+0.13	-8.29	+0.07
44		555	12 M2	+0.00	-0.36	+46.00	+0.13	-8.29	+0.07
44		0	13 M3	+0.00	+0.00	+0.00	+0.08	-0.02	-0.20
44		555	13 M3	+0.00	+1.09	+0.08	+0.08	-0.02	-0.20
44		0	14 M4	+0.00	+0.00	+0.00	+0.16	-21.00	+0.05
44		555	14 M4	+0.00	-0.28	+116.53	+0.16	-21.00	+0.05
44		0	15 M5	+0.00	+0.00	+0.00	+0.19	+0.12	-0.16
44		555	15 M5	+0.00	+0.91	-0.65	+0.19	+0.12	-0.16
44		0	16 M6	+0.00	+0.00	+0.00	+0.04	-0.00	-0.07
44		555	16 M6	+0.00	+0.40	+0.02	+0.04	-0.00	-0.07
44		0	17 M7	+0.00	+0.00	+0.00	-0.00	+0.00	+0.02
44		555	17 M7	+0.00	-0.10	-0.01	-0.00	+0.00	+0.02
44	22	0	M+ A	+0.00	+0.00	+0.00	+1.34	+0.00	+0.00
44	357	555	M+ A	+0.00	+5.90	+410.89	+1.34	+0.00	+0.00
44	22	0	M- A	+0.00	+0.00	+0.00	+0.00	-78.79	-1.06
44	357	555	M- A	+0.00	+0.00	+0.00	+0.00	-62.21	-1.06
45	23	0	0 G	+38.73	+0.66	+571.56	-205.13	+32.63	+0.61
45	24	355	0 G	+38.73	-1.49	+445.46	-205.13	+38.41	+0.61
45		0	1 Q1	+4.13	+0.40	-480.28	+148.82	+13.19	+0.15
45		355	1 Q1	+4.13	-0.12	-527.11	+148.82	+13.19	+0.15
45		0	11 M1	+3.65	+0.20	-320.98	+63.02	+7.49	+0.08
45		355	11 M1	+3.65	-0.10	-347.58	+63.02	+7.49	+0.08
45		0	12 M2	+9.75	-0.02	+557.55	-153.90	+0.59	+0.09
45		355	12 M2	+9.75	-0.34	+555.46	-153.90	+0.59	+0.09
45		0	13 M3	-1.64	+0.24	-13.99	+110.40	+5.73	+0.02
45		355	13 M3	-1.64	+0.16	-34.34	+110.40	+5.73	+0.02
45		0	14 M4	+12.87	-0.09	+299.05	-159.71	+6.90	+0.13
45		355	14 M4	+12.87	-0.55	+274.55	-159.71	+6.90	+0.13
45		0	15 M5	+6.22	+0.44	+97.46	+7.54	-8.02	+0.15
45		355	15 M5	+6.22	-0.08	+125.93	+7.54	-8.02	+0.15
45		0	16 M6	-0.51	+0.04	-4.38	+30.66	+1.53	+0.01
45		355	16 M6	-0.51	+0.02	-9.80	+30.66	+1.53	+0.01
45		0	17 M7	+0.25	-0.03	+2.36	-13.28	-0.76	+0.00
45		355	17 M7	+0.25	-0.03	+5.07	-13.28	-0.76	+0.00
45	23	0	M+ A	+76.40	+2.09	+1596.50	+161.38	+72.44	+1.23
45	24	355	M+ A	+76.40	+0.00	+1425.64	+161.38	+80.14	+1.23
45	23	0	M- A	+0.00	+0.00	-558.28	-512.38	+0.00	+0.00
45	24	355	M- A	+0.00	-2.98	-787.50	-512.38	+0.00	+0.00
46	23	0	0 G	+0.00	+0.00	+0.00	+0.82	-35.69	-0.23
46	359	555	0 G	+0.00	+1.30	+178.24	+0.82	-23.22	-0.23
46		0	1 Q1	+0.00	+0.00	+0.00	+0.24	-0.02	-0.37
46		555	1 Q1	+0.00	+2.03	+0.13	+0.24	-0.02	-0.37
46		0	11 M1	+0.00	+0.00	+0.00	+0.13	-0.01	-0.17
46		555	11 M1	+0.00	+0.96	+0.07	+0.13	-0.01	-0.17
46		0	12 M2	+0.00	+0.00	+0.00	+0.12	-21.89	+0.10
46		555	12 M2	+0.00	-0.53	+121.48	+0.12	-21.89	+0.10
46		0	13 M3	+0.00	+0.00	+0.00	+0.07	-0.01	-0.23
46		555	13 M3	+0.00	+1.26	+0.07	+0.07	-0.01	-0.23
46		0	14 M4	+0.00	+0.00	+0.00	+0.16	-7.66	+0.08
46		555	14 M4	+0.00	-0.45	+42.53	+0.16	-7.66	+0.08
46		0	15 M5	+0.00	+0.00	+0.00	+0.24	+0.79	-0.18
46		555	15 M5	+0.00	+0.97	-4.36	+0.24	+0.79	-0.18
46		0	16 M6	+0.00	+0.00	+0.00	+0.02	-0.00	-0.08
46		555	16 M6	+0.00	+0.45	+0.02	+0.02	-0.00	-0.08
46		0	17 M7	+0.00	+0.00	+0.00	-0.00	+0.00	+0.02
46		555	17 M7	+0.00	-0.12	-0.01	-0.00	+0.00	+0.02
46	23	0	M+ A	+0.00	+0.00	+0.00	+1.77	+0.00	+0.00
46	359	555	M+ A	+0.00	+6.35	+419.44	+1.77	+0.00	+0.00
46	23	0	M- A	+0.00	+0.00	+0.00	+0.00	-80.33	-1.14
46	359	555	M- A	+0.00	+0.00	+0.00	+0.00	-63.75	-1.14
47	24	0	0 G	+38.73	-1.49	+445.46	-204.91	+74.53	+2.25
47	25	355	0 G	+38.73	-9.50	+170.60	-204.91	+80.32	+2.25
47		0	1 Q1	+4.13	-0.12	-527.11	+149.23	+12.89	+0.59
47		355	1 Q1	+4.13	-2.20	-572.87	+149.23	+12.89	+0.59
47		0	11 M1	+3.65	-0.10	-347.58	+63.21	+7.32	+0.33
47		355	11 M1	+3.65	-1.26	-373.56	+63.21	+7.32	+0.33
47		0	12 M2	+9.75	-0.34	+555.46	-154.02	+29.80	+0.31
47		355	12 M2	+9.75	-1.42	+449.66	-154.02	+29.80	+0.31
47		0	13 M3	-1.64	+0.16	-34.34	+110.65	+5.65	+0.11
47		355	13 M3	-1.64	-0.25	-54.42	+110.65	+5.65	+0.11
47		0	14 M4	+12.87	-0.55	+274.55	-159.82	+29.42	+0.44
47		355	14 M4	+12.87	-2.12	+170.10	-159.82	+29.42	+0.44
47		0	15 M5	+6.22	-0.08	+125.93	+7.73	-8.02	+0.58
47		355	15 M5	+6.22	-2.15	+154.40	+7.73	-8.02	+0.58
47		0	16 M6	-0.51	+0.02	-9.80	+30.75	+1.51	+0.02
47		355	16 M6	-0.51	-0.06	-15.16	+30.75	+1.51	+0.02
47		0	17 M7	+0.25	-0.03	+5.07	-13.30	-0.75	-0.00
47		355	17 M7	+0.25	-0.02	+7.74	-13.30	-0.75	-0.00
47	24	0	M+ A	+76.40	+0.00	+1425.64	+162.53	+161.23	+4.66
47	25	355	M+ A	+76.40	+0.00	+901.39	+162.53	+168.92	+4.66
47	24	0	M- A	+0.00	-2.98	-787.50	-512.25	+0.00	+0.00
47	25	355	M- A	+0.00	-18.82	-1163.11	-512.25	+0.00	+0.00
48	24	0	0 G	+0.00	+0.00	+0.00	+1.65	-36.12	-0.22
48	361	555	0 G	+0.00	+1.22	+180.62	+1.65	-23.65	-0.22
48		0	1 Q1	+0.00	+0.00	+0.00	+0.44	+0.30	-0.41
48		555	1 Q1	+0.00	+2.25	-1.66	+0.44	+0.30	-0.41
48		0	11 M1	+0.00	+0.00	+0.00	+0.24	+0.17	-0.19
48		555	11 M1	+0.00	+1.06	-0.97	+0.24	+0.17	-0.19
48		0	12 M2	+0.00	+0.00	+0.00	+0.22	-29.21	+0.12
48		555	12 M2	+0.00	-0.67	+162.12	+0.22	-29.21	+0.12
48		0	13 M3	+0.00	+0.00	+0.00	+0.09	+0.08	-0.25
48		555	13 M3	+0.00	+1.41	-0.43	+0.09	+0.08	-0.25
48		0	14 M4	+0.00	+0.00	+0.00	+0.31	-22.52	+0.11
48		555	14 M4	+0.00	-0.59	+124.99	+0.31	-22.52	+0.11
48		0	15 M5	+0.00	+0.00	+0.00	+0.44	+0.00	-0.19
48		555	15 M5	+0.00	+1.04	-0.01	+0.44	+0.00	-0.19
48		0	16 M6	+0.00	+0.00	+0.00	+0.02	+0.02	-0.09
48		555	16 M6	+0.00	+0.50	-0.10	+0.02	+0.02	-0.09
48		0	17 M7	+0.00	+0.00	+0.00	-0.01	-0.01	+0.02
48		555	17 M7	+0.00	-0.13	+0.06	-0.01	-0.01	+0.02
48	24	0	M+ A	+0.00	+0.00	+0.00	+3.44	+0.00	+0.00
48	361	555	M+ A	+0.00	+6.78	+483.41	+3.44	+0.00	+0.00
48	24	0	M- A	+0.00	+0.00	+0.00	+0.00	-91.86	-1.22
48	361	555	M- A	+0.00	+0.00	+0.00	+0.00	-75.27	-1.22

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
49	25	0	0 G	+41.34	+7.40	+509.10	+111.76	-37.13	+1.55
49	26	355	0 G	+41.34	+1.91	+630.66	+111.76	-31.35	+1.55
49		0	1 Q1	+8.39	+2.11	-844.76	+31.47	+81.71	+0.43
49		355	1 Q1	+8.39	+0.58	-1134.85	+31.47	+81.71	+0.43
49		0	11 M1	+4.94	+1.12	-524.32	+17.07	+36.40	+0.23
49		355	11 M1	+4.94	+0.31	-653.54	+17.07	+36.40	+0.23
49		0	12 M2	+7.76	+0.87	+767.66	+27.15	-49.17	+0.19
49		355	12 M2	+7.76	+0.20	+942.19	+27.15	-49.17	+0.19
49		0	13 M3	+0.93	+0.56	-147.10	+14.40	+55.63	+0.11
49		355	13 M3	+0.93	+0.17	-344.60	+14.40	+55.63	+0.11
49		0	14 M4	+10.63	+1.26	+422.32	+31.51	-46.99	+0.27
49		355	14 M4	+10.63	+0.29	+589.12	+31.51	-46.99	+0.27
49		0	15 M5	+10.34	+2.22	+205.59	+35.11	-11.44	+0.45
49		355	15 M5	+10.34	+0.63	+246.21	+35.11	-11.44	+0.45
49		0	16 M6	+0.03	+0.08	-37.74	+7.78	+13.49	+0.02
49		355	16 M6	+0.03	+0.01	-85.63	+7.78	+13.49	+0.02
49		0	17 M7	-0.04	-0.05	+20.25	-0.40	-7.44	-0.01
49		355	17 M7	-0.04	-0.02	+46.68	-0.40	-7.44	-0.01
49	25	0	M+ A	+82.25	+16.02	+1828.58	+243.79	+156.63	+3.31
49	26	355	M+ A	+82.25	+4.27	+2252.07	+243.79	+162.41	+3.31
49	25	0	M- A	+0.00	+0.00	-1417.81	+0.00	-123.14	+0.00
49	26	355	M- A	+0.00	+0.00	-1881.69	+0.00	-115.45	+0.00
50	25	0	0 G	+0.00	+0.00	+0.00	+0.51	-36.22	-0.21
50	363	555	0 G	+0.00	+1.15	+181.16	+0.51	-23.75	-0.21
50		0	1 Q1	+0.00	+0.00	+0.00	+0.13	+0.48	-0.45
50		555	1 Q1	+0.00	+2.48	-2.65	+0.13	+0.48	-0.45
50		0	11 M1	+0.00	+0.00	+0.00	+0.08	+0.25	-0.21
50		555	11 M1	+0.00	+1.16	-1.40	+0.08	+0.25	-0.21
50		0	12 M2	+0.00	+0.00	+0.00	+0.07	-22.53	+0.15
50		555	12 M2	+0.00	-0.81	+125.03	+0.07	-22.53	+0.15
50		0	13 M3	+0.00	+0.00	+0.00	+0.01	+0.21	-0.28
50		555	13 M3	+0.00	+1.56	-1.17	+0.01	+0.21	-0.28
50		0	14 M4	+0.00	+0.00	+0.00	+0.10	-26.76	+0.13
50		555	14 M4	+0.00	-0.74	+148.53	+0.10	-26.76	+0.13
50		0	15 M5	+0.00	+0.00	+0.00	+0.11	-11.86	-0.20
50		555	15 M5	+0.00	+1.10	+65.83	+0.11	-11.86	-0.20
50		0	16 M6	+0.00	+0.00	+0.00	+0.00	+0.05	-0.10
50		555	16 M6	+0.00	+0.55	-0.27	+0.00	+0.05	-0.10
50		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.03	+0.03
50		555	17 M7	+0.00	-0.15	+0.17	+0.00	-0.03	+0.03
50	25	0	M+ A	+0.00	+0.00	+0.00	+1.02	+0.00	+0.01
50	363	555	M+ A	+0.00	+7.22	+463.75	+1.02	+0.00	+0.01
50	25	0	M- A	+0.00	+0.00	+0.00	+0.00	-88.31	-1.30
50	363	555	M- A	+0.00	-0.07	+0.00	+0.00	-71.73	-1.30
51	25	0	0 G	-3.52	+16.73	+338.49	+350.33	-32.01	+1.21
51	195	379	0 G	-3.52	+12.14	+209.71	+351.82	-35.95	+1.21
51		0	1 Q1	+2.46	+5.54	-271.89	-135.06	+23.09	+0.28
51		379	1 Q1	+2.46	+4.47	-184.37	-135.06	+23.09	+0.28
51		0	11 M1	+0.37	+2.68	-150.76	-53.73	+11.07	+0.18
51		379	11 M1	+0.37	+2.01	-108.79	-53.73	+11.07	+0.18
51		0	12 M2	-2.68	+1.43	+317.99	+205.48	-30.92	+0.19
51		379	12 M2	-2.68	+0.73	+200.79	+205.48	-30.92	+0.19
51		0	13 M3	+2.12	+1.66	-92.68	-108.04	+12.86	+0.02
51		379	13 M3	+2.12	+1.58	-43.92	-108.04	+12.86	+0.02
51		0	14 M4	-3.30	+2.37	+252.22	+215.55	-28.91	+0.27
51		379	14 M4	-3.30	+1.36	+142.64	+215.55	-28.91	+0.27
51		0	15 M5	+2.31	+5.53	+51.19	+30.83	-4.70	+0.25
51		379	15 M5	+2.31	+4.58	+33.38	+30.83	-4.70	+0.25
51		0	16 M6	+0.45	+0.32	-22.58	-25.83	+3.11	+0.01
51		379	16 M6	+0.45	+0.30	-10.80	-25.83	+3.11	+0.01
51		0	17 M7	-0.26	-0.14	+12.50	+14.47	-1.72	+0.00
51		379	17 M7	-0.26	-0.15	+5.97	+14.47	-1.72	+0.00
51	25	0	M+ A	+3.25	+38.04	+927.19	+789.27	+18.46	+2.39
51	195	379	M+ A	+3.25	+29.06	+580.11	+791.25	+14.53	+2.39
51	25	0	M- A	-9.63	+0.00	-254.70	+0.00	-88.96	+0.00
51	195	379	M- A	-9.63	+0.00	-202.37	+0.00	-94.19	+0.00
52	26	0	0 G	+41.34	+1.91	+630.66	+112.02	+4.31	+0.59
52	27	355	0 G	+41.34	-0.18	+606.30	+112.02	+9.42	+0.59
52		0	1 Q1	+8.39	+0.58	-1134.85	+31.94	+81.73	+0.18
52		355	1 Q1	+8.39	-0.07	-1424.98	+31.94	+81.73	+0.18
52		0	11 M1	+4.94	+0.31	-653.54	+17.29	+36.42	+0.10
52		355	11 M1	+4.94	-0.03	-782.84	+17.29	+36.42	+0.10
52		0	12 M2	+7.76	+0.20	+942.19	+27.02	-41.67	+0.06
52		355	12 M2	+7.76	-0.01	+1090.13	+27.02	-41.67	+0.06
52		0	13 M3	+0.93	+0.17	-344.60	+14.69	+55.59	+0.06
52		355	13 M3	+0.93	-0.03	-541.94	+14.69	+55.59	+0.06
52		0	14 M4	+10.63	+0.29	+589.12	+31.39	-17.64	+0.09
52		355	14 M4	+10.63	-0.02	+651.75	+31.39	-17.64	+0.09
52		0	15 M5	+10.34	+0.63	+246.21	+35.33	+11.17	+0.19
52		355	15 M5	+10.34	-0.06	+206.56	+35.33	+11.17	+0.19
52		0	16 M6	+0.03	+0.01	-85.63	+7.88	+13.48	+0.01
52		355	16 M6	+0.03	-0.01	-133.49	+7.88	+13.48	+0.01
52		0	17 M7	-0.04	-0.02	+46.68	-0.42	-7.44	-0.01
52		355	17 M7	-0.04	+0.00	+73.08	-0.42	-7.44	-0.01
52	26	0	M+ A	+82.25	+4.27	+2252.07	+245.09	+199.44	+1.32
52	27	355	M+ A	+82.25	+0.00	+2441.56	+245.09	+206.25	+1.32
52	26	0	M- A	+0.00	+0.00	-1881.69	+0.00	-58.20	+0.00
52	27	355	M- A	+0.00	-0.43	-2491.69	+0.00	-53.09	+0.00
53	26	0	0 G	+0.00	+0.00	+0.00	-0.96	-35.66	-0.26
53	365	555	0 G	+0.00	+1.45	+178.07	-0.96	-23.19	-0.26
53		0	1 Q1	+0.00	+0.00	+0.00	-0.25	-0.01	-0.46
53		555	1 Q1	+0.00	+2.57	+0.07	-0.25	-0.01	-0.46
53		0	11 M1	+0.00	+0.00	+0.00	-0.13	-0.02	-0.22
53		555	11 M1	+0.00	+1.21	+0.13	-0.13	-0.02	-0.22
53		0	12 M2	+0.00	+0.00	+0.00	-0.13	-7.49	+0.13
53		555	12 M2	+0.00	-0.74	+41.59	-0.13	-7.49	+0.13
53		0	13 M3	+0.00	+0.00	+0.00	-0.05	+0.04	-0.29
53		555	13 M3	+0.00	+1.61	-0.24	-0.05	+0.04	-0.29
53		0	14 M4	+0.00	+0.00	+0.00	-0.19	-29.34	+0.12
53		555	14 M4	+0.00	-0.65	+162.86	-0.19	-29.34	+0.12
53		0	15 M5	+0.00	+0.00	+0.00	-0.25	-22.61	-0.22
53		555	15 M5	+0.00	+1.20	+125.49	-0.25	-22.61	-0.22
53		0	16 M6	+0.00	+0.00	+0.00	-0.02	+0.01	-0.10
53		555	16 M6	+0.00	+0.57	-0.05	-0.02	+0.01	-0.10
53		0	17 M7	+0.00	+0.00	+0.00	+0.00	-0.01	+0.03
53		555	17 M7	+0.00	-0.15	+0.04	+0.00	-0.01	+0.03
53	26	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
53	365	555	M+ A	+0.00	+7.81	+481.21	+0.00	+0.00	+0.00
53	26	0	M- A	+0.00	+0.00	+0.00	-1.99	-91.46	-1.41
53	365	555	M- A	+0.00	+0.00	+0.00	-1.99	-74.87	-1.41
54	27	0	0 G	+41.34	-0.18	+606.30	+112.34	+44.80	+0.81
54	28	355	0 G	+41.34	-3.06	+438.18	+112.34	+49.91	+0.81
54		0	1 Q1	+8.39	-0.07	-1424.98	+32.42	+82.45	+0.24
54		355	1 Q1	+8.39	-0.91	-1717.69	+32.42	+82.45	+0.24
54		0	11 M1	+4.94	-0.03	-782.84	+17.51	+36.82	+0.12
54		355	11 M1	+4.94	-0.46	-913.57	+17.51	+36.82	+0.12
54		0	12 M2	+7.76	-0.01	+1090.13	+26.90	-19.71	+0.10
54		355	12 M2	+7.76	-0.38	+1160.09	+26.90	-19.71	+0.10
54		0	13 M3	+0.93	-0.03	-541.94	+14.98	+55.87	+0.08
54		355	13 M3	+0.93	-0.30	-740.26	+14.98	+55.87	+0.08
54		0	14 M4	+10.63	-0.02	+651.75	+31.29	+1.01	+0.15
54		355	14 M4	+10.63	-0.56	+648.15	+31.29	+1.01	+0.15
54		0	15 M5	+10.34	-0.06	+206.56	+35.56	+19.85	+0.31
54		355	15 M5	+10.34	-1.16	+136.09	+35.56	+19.85	+0.31
54		0	16 M6	+0.03	-0.01	-133.49	+7.98	+13.55	-0.02
54		355	16 M6	+0.03	+0.06	-181.59	+7.98	+13.55	-0.02
54		0	17 M7	-0.04	+0.00	+73.08	-0.45	-7.47	-0.02
54		355	17 M7	-0.04	+0.07	+99.62	-0.45	-7.47	-0.02
54	27	0	M+ A	+82.25	+0.00	+2441.56	+246.52	+254.70	+1.86
54	28	355	M+ A	+82.25	+0.00	+2322.91	+246.52	+261.50	+1.86
54	27	0	M- A	+0.00	-0.43	-2491.69	+0.00	+0.00	+0.00
54	28	355	M- A	+0.00	-7.04	-3251.06	+0.00	+0.00	+0.00
55	27	0	0 G	+0.00	+0.00	+0.00	+0.22	-35.38	-0.32
55	367	555	0 G	+0.00	+1.78	+176.52	+0.22	-22.91	-0.32
55		0	1 Q1	+0.00	+0.00	+0.00	+0.05	-0.73	-0.48
55		555	1 Q1	+0.00	+2.66	+4.04	+0.05	-0.73	-0.48
55		0	11 M1	+0.00	+0.00	+0.00	+0.03	-0.40	-0.23
55		555	11 M1	+0.00	+1.26	+2.22	+0.03	-0.40	-0.23
55		0	12 M2	+0.00	+0.00	+0.00	+0.04	-21.96	+0.12
55		555	12 M2	+0.00	-0.66	+121.89	+0.04	-21.96	+0.12
55		0	13 M3	+0.00	+0.00	+0.00	+0.02	-0.28	-0.30
55		555	13 M3	+0.00	+1.65	+1.53	+0.02	-0.28	-0.30
55		0	14 M4	+0.00	+0.00	+0.00	+0.07	-18.66	+0.10
55		555	14 M4	+0.00	-0.56	+103.55	+0.07	-18.66	+0.10
55		0	15 M5	+0.00	+0.00	+0.00	+0.12	-8.68	-0.24
55		555	15 M5	+0.00	+1.31	+48.17	+0.12	-8.68	-0.24
55		0	16 M6	+0.00	+0.00	+0.00	-0.03	-0.07	-0.11
55		555	16 M6	+0.00	+0.59	+0.37	-0.03	-0.07	-0.11
55		0	17 M7	+0.00	+0.00	+0.00	-0.01	+0.04	+0.03
55		555	17 M7	+0.00	-0.15	-0.21	-0.01	+0.04	+0.03
55	27	0	M+ A	+0.00	+0.00	+0.00	+0.54	+0.00	+0.00
55	367	555	M+ A	+0.00	+8.43	+423.06	+0.54	+0.00	+0.00
55	27	0	M- A	+0.00	+0.00	+0.00	+0.00	-80.98	-1.52
55	367	555	M- A	+0.00	+0.00	+0.00	+0.00	-64.40	-1.52
56	28	0	0 G	+41.34	-3.06	+438.18	+112.72	+85.65	+2.14
56	29	355	0 G	+41.34	-10.67	+123.86	+112.72	+91.43	+2.14
56		0	1 Q1	+8.39	-0.91	-1717.69	+32.91	+82.74	+0.56
56		355	1 Q1	+8.39	-2.88	-2011.41	+32.91	+82.74	+0.56
56		0	11 M1	+4.94	-0.46	-913.57	+17.75	+36.96	+0.29
56		355	11 M1	+4.94	-1.51	-1044.79	+17.75	+36.96	+0.29
56		0	12 M2	+7.76	-0.38	+1160.09	+26.80	+9.02	+0.32
56		355	12 M2	+7.76	-1.51	+1128.09	+26.80	+9.02	+0.32
56		0	13 M3	+0.93	-0.30	-740.26	+15.29	+56.01	+0.15
56		355	13 M3	+0.93	-0.82	-939.12	+15.29	+56.01	+0.15
56		0	14 M4	+10.63	-0.56	+648.15	+31.20	+25.68	+0.47
56		355	14 M4	+10.63	-2.24	+557.00	+31.20	+25.68	+0.47
56		0	15 M5	+10.34	-1.16	+136.09	+35.82	+40.28	+0.75
56		355	15 M5	+10.34	-3.84	-6.89	+35.82	+40.28	+0.75
56		0	16 M6	+0.03	+0.06	-181.59	+8.10	+13.59	-0.06
56		355	16 M6	+0.03	+0.28	-229.82	+8.10	+13.59	-0.06
56		0	17 M7	-0.04	+0.07	+99.62	-0.48	-7.49	-0.04
56		355	17 M7	-0.04	+0.21	+126.22	-0.48	-7.49	-0.04
56	28	0	M+ A	+82.25	+0.00	+2322.91	+248.07	+309.63	+4.74
56	29	355	M+ A	+82.25	+0.00	+1856.86	+248.07	+317.32	+4.74
56	28	0	M- A	+0.00	-7.04	-3251.06	+0.00	+0.00	+0.00
56	29	355	M- A	+0.00	-23.85	-4158.73	+0.00	+0.00	+0.00
57	28	0	0 G	+0.00	+0.00	+0.00	+1.33	-35.74	-0.38
57	369	555	0 G	+0.00	+2.09	+178.49	+1.33	-23.27	-0.38
57		0	1 Q1	+0.00	+0.00	+0.00	+0.32	-0.28	-0.50
57		555	1 Q1	+0.00	+2.75	+1.57	+0.32	-0.28	-0.50
57		0	11 M1	+0.00	+0.00	+0.00	+0.17	-0.14	-0.24
57		555	11 M1	+0.00	+1.31	+0.78	+0.17	-0.14	-0.24
57		0	12 M2	+0.00	+0.00	+0.00	+0.22	-28.72	+0.11
57		555	12 M2	+0.00	-0.58	+159.41	+0.22	-28.72	+0.11
57		0	13 M3	+0.00	+0.00	+0.00	+0.07	-0.15	-0.30
57		555	13 M3	+0.00	+1.69	+0.83	+0.07	-0.15	-0.30
57		0	14 M4	+0.00	+0.00	+0.00	+0.32	-24.66	+0.09
57		555	14 M4	+0.00	-0.47	+136.88	+0.32	-24.66	+0.09
57		0	15 M5	+0.00	+0.00	+0.00	+0.44	-20.43	-0.25
57		555	15 M5	+0.00	+1.40	+113.37	+0.44	-20.43	-0.25
57		0	16 M6	+0.00	+0.00	+0.00	-0.04	-0.04	-0.11
57		555	16 M6	+0.00	+0.61	+0.21	-0.04	-0.04	-0.11
57		0	17 M7	+0.00	+0.00	+0.00	-0.02	+0.02	+0.03
57		555	17 M7	+0.00	-0.15	-0.10	-0.02	+0.02	+0.03
57	28	0	M+ A	+0.00	+0.00	+0.00	+2.87	+0.00	+0.00
57	369	555	M+ A	+0.00	+9.03	+478.63	+2.87	+0.00	+0.00
57	28	0	M- A	+0.00	+0.00	+0.00	+0.00	-90.99	-1.63
57	369	555	M- A	+0.00	+0.00	+0.00	+0.00	-74.41	-1.63
58	29	0	0 G	+69.04	+11.77	-275.61	-348.63	-97.61	+3.13
58	30	355	0 G	+69.04	+0.65	+60.64	-348.63	-91.83	+3.13
58		0	1 Q1	+23.15	+2.64	-1886.19	-291.65	-63.72	+0.82
58		355	1 Q1	+23.15	-0.28	-1659.97	-291.65	-63.72	+0.82
58		0	11 M1	+11.33	+1.41	-966.85	-137.55	-32.17	+0.43
58		355	11 M1	+11.33	-0.11	-852.63	-137.55	-32.17	+0.43
58		0	12 M2	+7.20	+1.95	+906.79	+14.53	+13.57	+0.45
58		355	12 M2	+7.20	+0.36	+858.63	+14.53	+13.57	+0.45
58		0	13 M3	+8.99	+0.44	-907.76	-170.44	-29.93	+0.22
58		355	13 M3	+8.99	-0.35	-801.50	-170.44	-29.93	+0.22
58		0	14 M4	+8.80	+3.12	+424.87	-27.03	+17.74	+0.70
58		355	14 M4	+8.80	+0.65	+361.90	-27.03	+17.74	+0.70
58		0	15 M5	+26.27	+3.97	-220.17	-187.53	-47.02	+1.15
58		355	15 M5	+26.27	-0.11	-53.25	-187.53	-47.02	+1.15
58		0	16 M6	+2.29	-0.68	-225.32	-38.46	-8.14	-0.13

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
58		355	16 M6	+2.29	-0.22	-196.42	-38.46	-8.14	-0.13
58		0	17 M7	-0.78	-0.26	+124.00	+25.12	+4.47	-0.07
58		355	17 M7	-0.78	-0.01	+108.13	+25.12	+4.47	-0.07
58	29	0	M+ A	+162.49	+25.18	+1084.57	+0.00	+0.00	+7.00
58	30	355	M+ A	+162.49	+1.84	+1368.60	+0.00	+0.00	+7.00
58	29	0	M- A	+0.00	+0.00	-4363.19	-1138.69	-286.38	+0.00
58	30	355	M- A	+0.00	-0.24	-3459.27	-1138.69	-278.69	+0.00
59	29	0	0 G	+0.00	+0.00	+0.00	-0.89	-36.32	-0.43
59	371	555	0 G	+0.00	+2.39	+181.75	-0.89	-23.85	-0.43
59		0	1 Q1	+0.00	+0.00	+0.00	-0.26	+0.17	-0.51
59		555	1 Q1	+0.00	+2.84	-0.93	-0.26	+0.17	-0.51
59		0	11 M1	+0.00	+0.00	+0.00	-0.13	+0.11	-0.24
59		555	11 M1	+0.00	+1.35	-0.61	-0.13	+0.11	-0.24
59		0	12 M2	+0.00	+0.00	+0.00	-0.10	-21.77	+0.09
59		555	12 M2	+0.00	-0.51	+120.85	-0.10	-21.77	+0.09
59		0	13 M3	+0.00	+0.00	+0.00	-0.09	+0.02	-0.31
59		555	13 M3	+0.00	+1.73	-0.11	-0.09	+0.02	-0.31
59		0	14 M4	+0.00	+0.00	+0.00	-0.18	-26.26	+0.07
59		555	14 M4	+0.00	-0.39	+145.74	-0.18	-26.26	+0.07
59		0	15 M5	+0.00	+0.00	+0.00	-0.38	-29.13	-0.27
59		555	15 M5	+0.00	+1.50	+161.68	-0.38	-29.13	-0.27
59		0	16 M6	+0.00	+0.00	+0.00	+0.06	+0.00	-0.11
59		555	16 M6	+0.00	+0.63	-0.00	+0.06	+0.00	-0.11
59		0	17 M7	+0.00	+0.00	+0.00	+0.03	-0.00	+0.03
59		555	17 M7	+0.00	-0.15	+0.02	+0.03	-0.00	+0.03
59	29	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
59	371	555	M+ A	+0.00	+9.60	+484.24	+0.00	+0.00	+0.00
59	29	0	M- A	+0.00	+0.00	+0.00	-2.12	-92.00	-1.73
59	371	555	M- A	+0.00	+0.00	+0.00	-2.12	-75.42	-1.73
60	29	0	0 G	-33.84	-11.22	+399.47	+511.61	+47.77	-1.88
60	196	379	0 G	-33.84	-4.09	+210.95	+513.09	+51.71	-1.88
60		0	1 Q1	-15.77	+0.04	-125.22	+355.79	+22.07	-0.53
60		379	1 Q1	-15.77	+2.05	-208.86	+355.79	+22.07	-0.53
60		0	11 M1	-7.00	-0.48	-77.94	+169.90	+9.65	-0.26
60		379	11 M1	-7.00	+0.52	-114.52	+169.90	+9.65	-0.26
60		0	12 M2	-0.70	-3.43	+221.30	+17.47	+11.82	-0.23
60		379	12 M2	-0.70	-2.55	+176.52	+17.47	+11.82	-0.23
60		0	13 M3	-7.99	+1.67	-31.35	+204.40	+14.69	-0.16
60		379	13 M3	-7.99	+2.29	-87.04	+204.40	+14.69	-0.16
60		0	14 M4	-0.19	-5.66	+132.13	+66.49	+11.46	-0.41
60		379	14 M4	-0.19	-4.12	+88.70	+66.49	+11.46	-0.41
60		0	15 M5	-17.67	-1.68	+213.28	+250.32	+29.96	-0.78
60		379	15 M5	-17.67	+1.27	+99.74	+250.32	+29.96	-0.78
60		0	16 M6	-1.78	+1.70	-4.50	+51.34	+3.85	+0.13
60		379	16 M6	-1.78	+1.21	-19.08	+51.34	+3.85	+0.13
60		0	17 M7	+0.85	+0.17	+2.22	-28.20	-2.14	+0.06
60		379	17 M7	+0.85	-0.07	+10.34	-28.20	-2.14	+0.06
60	29	0	M+ A	+0.00	+0.00	+863.24	+1536.23	+138.27	+0.00
60	196	379	M+ A	+0.00	+2.11	+545.34	+1538.21	+143.50	+0.00
60	29	0	M- A	-92.79	-23.41	+0.00	+0.00	+0.00	-4.39
60	196	379	M- A	-92.79	-11.62	-242.80	+0.00	+0.00	-4.39
61	30	0	0 G	+69.04	+0.65	+60.64	-348.24	-55.69	+0.77
61	31	355	0 G	+69.04	-2.06	+248.07	-348.24	-49.90	+0.77
61		0	1 Q1	+23.15	-0.28	-1659.97	-291.19	-64.06	+0.19
61		355	1 Q1	+23.15	-0.94	-1432.56	-291.19	-64.06	+0.19
61		0	11 M1	+11.33	-0.11	-852.63	-137.33	-32.36	+0.10
61		355	11 M1	+11.33	-0.46	-737.77	-137.33	-32.36	+0.10
61		0	12 M2	+7.20	+0.36	+858.63	+14.45	+22.44	+0.12
61		355	12 M2	+7.20	-0.06	+778.97	+14.45	+22.44	+0.12
61		0	13 M3	+8.99	-0.35	-801.50	-170.16	-30.08	+0.04
61		355	13 M3	+8.99	-0.49	-694.73	-170.16	-30.08	+0.04
61		0	14 M4	+8.80	+0.65	+361.90	-27.10	+24.03	+0.19
61		355	14 M4	+8.80	-0.01	+276.58	-27.10	+24.03	+0.19
61		0	15 M5	+26.27	-0.11	-53.25	-187.29	-23.43	+0.27
61		355	15 M5	+26.27	-1.06	+29.95	-187.29	-23.43	+0.27
61		0	16 M6	+2.29	-0.22	-196.42	-38.35	-8.17	-0.04
61		355	16 M6	+2.29	-0.10	-167.41	-38.35	-8.17	-0.04
61		0	17 M7	-0.78	-0.01	+108.13	+25.10	+4.49	-0.02
61		355	17 M7	-0.78	+0.05	+92.18	+25.10	+4.49	-0.02
61	30	0	M+ A	+162.49	+1.84	+1368.60	+0.00	+0.00	+1.67
61	31	355	M+ A	+162.49	+0.00	+1498.39	+0.00	+0.00	+1.67
61	30	0	M- A	+0.00	-0.24	-3459.27	-1137.20	-209.08	+0.00
61	31	355	M- A	+0.00	-5.61	-2792.53	-1137.20	-201.39	+0.00
62	30	0	0 G	+0.00	+0.00	+0.00	-2.37	-36.14	-0.39
62	373	555	0 G	+0.00	+2.14	+180.74	-2.37	-23.67	-0.39
62		0	1 Q1	+0.00	+0.00	+0.00	-0.64	+0.34	-0.46
62		555	1 Q1	+0.00	+2.54	-1.87	-0.64	+0.34	-0.46
62		0	11 M1	+0.00	+0.00	+0.00	-0.33	+0.18	-0.22
62		555	11 M1	+0.00	+1.22	-1.02	-0.33	+0.18	-0.22
62		0	12 M2	+0.00	+0.00	+0.00	-0.33	-8.87	+0.08
62		555	12 M2	+0.00	-0.45	+49.24	-0.33	-8.87	+0.08
62		0	13 M3	+0.00	+0.00	+0.00	-0.18	+0.14	-0.28
62		555	13 M3	+0.00	+1.55	-0.78	-0.18	+0.14	-0.28
62		0	14 M4	+0.00	+0.00	+0.00	-0.51	-6.30	+0.07
62		555	14 M4	+0.00	-0.37	+34.95	-0.51	-6.30	+0.07
62		0	15 M5	+0.00	+0.00	+0.00	-0.88	-23.59	-0.24
62		555	15 M5	+0.00	+1.32	+130.90	-0.88	-23.59	-0.24
62		0	16 M6	+0.00	+0.00	+0.00	+0.09	+0.03	-0.11
62		555	16 M6	+0.00	+0.60	-0.15	+0.09	+0.03	-0.11
62		0	17 M7	+0.00	+0.00	+0.00	+0.05	-0.02	+0.02
62		555	17 M7	+0.00	-0.12	+0.11	+0.05	-0.02	+0.02
62	30	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
62	373	555	M+ A	+0.00	+8.60	+436.74	+0.00	+0.00	+0.00
62	30	0	M- A	+0.00	+0.00	+0.00	-5.33	-83.45	-1.55
62	373	555	M- A	+0.00	+0.00	+0.00	-5.33	-66.86	-1.55
63	31	0	0 G	+69.04	-2.06	+248.07	-347.90	-14.14	-0.24
63	32	355	0 G	+69.04	-1.21	+289.19	-347.90	-9.03	-0.24
63		0	1 Q1	+23.15	-0.94	-1432.56	-290.79	-63.97	-0.14
63		355	1 Q1	+23.15	-0.46	-1205.48	-290.79	-63.97	-0.14
63		0	11 M1	+11.33	-0.46	-737.77	-137.13	-32.31	-0.07
63		355	11 M1	+11.33	-0.21	-623.07	-137.13	-32.31	-0.07
63		0	12 M2	+7.20	-0.06	+778.97	+14.38	+44.59	-0.00
63		355	12 M2	+7.20	-0.06	+620.68	+14.38	+44.59	-0.00
63		0	13 M3	+8.99	-0.49	-694.73	-169.91	-30.03	-0.08
63		355	13 M3	+8.99	-0.22	-588.12	-169.91	-30.03	-0.08
63		0	14 M4	+8.80	-0.01	+276.58	-27.16	+22.96	+0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
63		355	14 M4	+8.80	-0.16	+195.09	-27.16	+22.96	+0.04
63		0	15 M5	+26.27	-1.06	+29.95	-187.08	-15.76	-0.10
63		355	15 M5	+26.27	-0.69	+85.91	-187.08	-15.76	-0.10
63		0	16 M6	+2.29	-0.10	-167.41	-38.25	-8.16	-0.06
63		355	16 M6	+2.29	+0.13	-138.46	-38.25	-8.16	-0.06
63		0	17 M7	-0.78	+0.05	+92.18	+25.08	+4.49	-0.01
63		355	17 M7	-0.78	+0.09	+76.25	+25.08	+4.49	-0.01
63	31	0	M+ A	+162.49	+0.00	+1498.39	+0.00	+52.74	+0.00
63	32	355	M+ A	+162.49	+0.00	+1315.64	+0.00	+57.86	+0.00
63	31	0	M- A	+0.00	-5.61	-2792.53	-1135.89	-153.62	-0.66
63	32	355	M- A	+0.00	-3.28	-2272.80	-1135.89	-146.82	-0.66
64	31	0	0 G	+0.00	+0.00	+0.00	-1.00	-35.76	-0.34
64	375	555	0 G	+0.00	+1.90	+178.65	-1.00	-23.30	-0.34
64		0	1 Q1	+0.00	+0.00	+0.00	-0.32	-0.09	-0.40
64		555	1 Q1	+0.00	+2.24	+0.53	-0.32	-0.09	-0.40
64		0	11 M1	+0.00	+0.00	+0.00	-0.17	-0.05	-0.19
64		555	11 M1	+0.00	+1.08	+0.27	-0.17	-0.05	-0.19
64		0	12 M2	+0.00	+0.00	+0.00	-0.12	-22.15	+0.07
64		555	12 M2	+0.00	-0.39	+122.93	-0.12	-22.15	+0.07
64		0	13 M3	+0.00	+0.00	+0.00	-0.12	-0.04	-0.25
64		555	13 M3	+0.00	+1.37	+0.24	-0.12	-0.04	-0.25
64		0	14 M4	+0.00	+0.00	+0.00	-0.15	+1.08	+0.06
64		555	14 M4	+0.00	-0.35	-5.98	-0.15	+1.08	+0.06
64		0	15 M5	+0.00	+0.00	+0.00	-0.37	-7.67	-0.21
64		555	15 M5	+0.00	+1.15	+42.57	-0.37	-7.67	-0.21
64		0	16 M6	+0.00	+0.00	+0.00	-0.03	-0.01	-0.10
64		555	16 M6	+0.00	+0.57	+0.08	-0.03	-0.01	-0.10
64		0	17 M7	+0.00	+0.00	+0.00	+0.01	+0.00	+0.02
64		555	17 M7	+0.00	-0.09	-0.03	+0.01	+0.00	+0.02
64	31	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
64	375	555	M+ A	+0.00	+7.60	+422.71	+0.00	+0.00	+0.00
64	31	0	M- A	+0.00	+0.00	+0.00	-2.33	-80.92	-1.37
64	375	555	M- A	+0.00	+0.00	+0.00	-2.33	-64.34	-1.37
65	32	0	0 G	+69.04	-1.21	+289.19	-347.61	+26.63	-0.72
65	33	355	0 G	+69.04	+1.36	+185.58	-347.61	+31.74	-0.72
65		0	1 Q1	+23.15	-0.46	-1205.48	-290.45	-63.54	-0.40
65		355	1 Q1	+23.15	+0.95	-979.90	-290.45	-63.54	-0.40
65		0	11 M1	+11.33	-0.21	-623.07	-136.97	-32.10	-0.21
65		355	11 M1	+11.33	+0.54	-509.13	-136.97	-32.10	-0.21
65		0	12 M2	+7.20	-0.06	+620.68	+14.32	+57.18	-0.02
65		355	12 M2	+7.20	+0.01	+417.68	+14.32	+57.18	-0.02
65		0	13 M3	+8.99	-0.22	-588.12	-169.70	-29.83	-0.22
65		355	13 M3	+8.99	+0.56	-482.21	-169.70	-29.83	-0.22
65		0	14 M4	+8.80	-0.16	+195.09	-27.22	+22.36	+0.11
65		355	14 M4	+8.80	-0.56	+115.70	-27.22	+22.36	+0.11
65		0	15 M5	+26.27	-0.69	+85.91	-186.91	+5.30	-0.28
65		355	15 M5	+26.27	+0.30	+67.11	-186.91	+5.30	-0.28
65		0	16 M6	+2.29	+0.13	-138.46	-38.15	-8.11	-0.21
65		355	16 M6	+2.29	+0.89	-109.68	-38.15	-8.11	-0.21
65		0	17 M7	-0.78	+0.09	+76.25	+25.07	+4.46	-0.04
65		355	17 M7	-0.78	+0.24	+60.42	+25.07	+4.46	-0.04
65	32	0	M+ A	+162.49	+0.00	+1315.64	+0.00	+121.19	+0.00
65	33	355	M+ A	+162.49	+4.42	+873.35	+0.00	+127.99	+0.00
65	32	0	M- A	+0.00	-3.28	-2272.80	-1134.78	-107.30	-1.92
65	33	355	M- A	+0.00	+0.00	-1900.97	-1134.78	-102.18	-1.92
66	32	0	0 G	+0.00	+0.00	+0.00	-0.48	-35.66	-0.29
66	377	555	0 G	+0.00	+1.60	+178.05	-0.48	-23.19	-0.29
66		0	1 Q1	+0.00	+0.00	+0.00	-0.26	-0.42	-0.34
66		555	1 Q1	+0.00	+1.90	+2.34	-0.26	-0.42	-0.34
66		0	11 M1	+0.00	+0.00	+0.00	-0.14	-0.21	-0.17
66		555	11 M1	+0.00	+0.92	+1.18	-0.14	-0.21	-0.17
66		0	12 M2	+0.00	+0.00	+0.00	-0.02	-12.59	+0.06
66		555	12 M2	+0.00	-0.33	+69.89	-0.02	-12.59	+0.06
66		0	13 M3	+0.00	+0.00	+0.00	-0.14	-0.20	-0.21
66		555	13 M3	+0.00	+1.16	+1.11	-0.14	-0.20	-0.21
66		0	14 M4	+0.00	+0.00	+0.00	+0.07	+0.59	+0.06
66		555	14 M4	+0.00	-0.33	-3.30	+0.07	+0.59	+0.06
66		0	15 M5	+0.00	+0.00	+0.00	-0.18	-21.06	-0.17
66		555	15 M5	+0.00	+0.95	+116.89	-0.18	-21.06	-0.17
66		0	16 M6	+0.00	+0.00	+0.00	-0.15	-0.05	-0.10
66		555	16 M6	+0.00	+0.53	+0.27	-0.15	-0.05	-0.10
66		0	17 M7	+0.00	+0.00	+0.00	-0.03	+0.03	+0.01
66		555	17 M7	+0.00	-0.06	-0.14	-0.03	+0.03	+0.01
66	32	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
66	377	555	M+ A	+0.00	+6.44	+415.31	+0.00	+0.00	+0.00
66	32	0	M- A	+0.00	+0.00	+0.00	-1.26	-79.58	-1.16
66	377	555	M- A	+0.00	+0.00	+0.00	-1.26	-63.00	-1.16
67	33	0	0 G	+69.04	+1.36	+185.58	-347.37	+67.43	-1.50
67	34	355	0 G	+69.04	+6.70	-62.87	-347.37	+72.54	-1.50
67		0	1 Q1	+23.15	+0.95	-979.90	-290.16	-63.49	-0.78
67		355	1 Q1	+23.15	+3.70	-754.52	-290.16	-63.49	-0.78
67		0	11 M1	+11.33	+0.54	-509.13	-136.83	-32.07	-0.40
67		355	11 M1	+11.33	+1.96	-395.27	-136.83	-32.07	-0.40
67		0	12 M2	+7.20	+0.01	+417.68	+14.27	+57.33	-0.05
67		355	12 M2	+7.20	+0.19	+214.16	+14.27	+57.33	-0.05
67		0	13 M3	+8.99	+0.56	-482.21	-169.53	-29.81	-0.41
67		355	13 M3	+8.99	+2.03	-376.38	-169.53	-29.81	-0.41
67		0	14 M4	+8.80	-0.56	+115.70	-27.28	+22.37	+0.16
67		355	14 M4	+8.80	-1.12	+36.30	-27.28	+22.37	+0.16
67		0	15 M5	+26.27	+0.30	+67.11	-186.77	+34.25	-0.60
67		355	15 M5	+26.27	+2.45	-54.49	-186.77	+34.25	-0.60
67		0	16 M6	+2.29	+0.89	-109.68	-38.06	-8.10	-0.36
67		355	16 M6	+2.29	+2.18	-80.92	-38.06	-8.10	-0.36
67		0	17 M7	-0.78	+0.24	+60.42	+25.06	+4.46	-0.06
67		355	17 M7	-0.78	+0.45	+44.59	+25.06	+4.46	-0.06
67	33	0	M+ A	+162.49	+4.42	+873.35	+0.00	+175.68	+0.00
67	34	355	M+ A	+162.49	+17.58	+258.37	+0.00	+182.48	+0.00
67	33	0	M- A	+0.00	+0.00	-1900.97	-1133.88	-66.39	-3.96
67	34	355	M- A	+0.00	+0.00	-1695.12	-1133.88	-61.27	-3.96
68	33	0	0 G	+0.00	+0.00	+0.00	-0.78	-35.69	-0.24
68	379	555	0 G	+0.00	+1.32	+178.22	-0.78	-23.22	-0.24
68		0	1 Q1	+0.00	+0.00	+0.00	-0.38	-0.06	-0.28
68		555	1 Q1	+0.00	+1.57	+0.31	-0.38	-0.06	-0.28
68		0	11 M1	+0.00	+0.00	+0.00	-0.19	-0.02	-0.14
68		555	11 M1	+0.00	+0.77	+0.13	-0.19	-0.02	-0.14
68		0	12 M2	+0.00	+0.00	+0.00	-0.03	-0.15	+0.05

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
68		555	12 M2	+0.00	-0.27	+0.82	-0.03	-0.15	+0.05
68		0	13 M3	+0.00	+0.00	+0.00	-0.20	-0.02	-0.17
68		555	13 M3	+0.00	+0.96	+0.12	-0.20	-0.02	-0.17
68		0	14 M4	+0.00	+0.00	+0.00	+0.05	-0.00	+0.06
68		555	14 M4	+0.00	-0.32	+0.02	+0.05	-0.00	+0.06
68		0	15 M5	+0.00	+0.00	+0.00	-0.32	-28.95	-0.14
68		555	15 M5	+0.00	+0.76	+160.70	-0.32	-28.95	-0.14
68		0	16 M6	+0.00	+0.00	+0.00	-0.15	-0.01	-0.09
68		555	16 M6	+0.00	+0.50	+0.04	-0.15	-0.01	-0.09
68		0	17 M7	+0.00	+0.00	+0.00	-0.02	+0.00	+0.00
68		555	17 M7	+0.00	-0.03	-0.01	-0.02	+0.00	+0.00
68	33	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
68	379	555	M+ A	+0.00	+5.32	+478.49	+0.00	+0.00	+0.00
68	33	0	M- A	+0.00	+0.00	+0.00	-2.04	-90.97	-0.96
68	379	555	M- A	+0.00	+0.00	+0.00	-2.04	-74.39	-0.96
69	34	0	0 G	+69.04	+6.70	-62.87	-347.18	+107.09	-1.75
69	35	355	0 G	+69.04	+12.92	-452.13	-347.18	+112.21	-1.75
69		0	1 Q1	+23.15	+3.70	-754.52	-289.94	-64.20	-0.61
69		355	1 Q1	+23.15	+5.87	-526.61	-289.94	-64.20	-0.61
69		0	11 M1	+11.33	+1.96	-395.27	-136.72	-32.39	-0.26
69		355	11 M1	+11.33	+2.88	-280.30	-136.72	-32.39	-0.26
69		0	12 M2	+7.20	+0.19	+214.16	+14.24	+56.42	-0.13
69		355	12 M2	+7.20	+0.63	+13.88	+14.24	+56.42	-0.13
69		0	13 M3	+8.99	+2.03	-376.38	-169.39	-30.13	-0.26
69		355	13 M3	+8.99	+2.94	-269.43	-169.39	-30.13	-0.26
69		0	14 M4	+8.80	-1.12	+36.30	-27.33	+22.28	-0.25
69		355	14 M4	+8.80	-0.24	-42.81	-27.33	+22.28	-0.25
69		0	15 M5	+26.27	+2.45	-54.49	-186.67	+56.67	-0.84
69		355	15 M5	+26.27	+5.41	-255.65	-186.67	+56.67	-0.84
69		0	16 M6	+2.29	+2.18	-80.92	-37.98	-8.16	+0.09
69		355	16 M6	+2.29	+1.84	-51.95	-37.98	-8.16	+0.09
69		0	17 M7	-0.78	+0.45	+44.59	+25.07	+4.50	+0.08
69		355	17 M7	-0.78	+0.15	+28.63	+25.07	+4.50	+0.08
69	34	0	M+ A	+162.49	+17.58	+258.37	+0.00	+227.43	+0.00
69	35	355	M+ A	+162.49	+33.22	+0.00	+0.00	+234.24	+0.00
69	34	0	M- A	+0.00	+0.00	-1695.12	-1133.16	-28.15	-4.41
69	35	355	M- A	+0.00	+0.00	-1732.71	-1133.16	-23.04	-4.41
70	34	0	0 G	+0.00	+0.00	+0.00	-0.25	-34.55	-0.19
70	381	555	0 G	+0.00	+1.07	+171.91	-0.25	-22.08	-0.19
70		0	1 Q1	+0.00	+0.00	+0.00	+0.17	+0.71	-0.23
70		555	1 Q1	+0.00	+1.25	-3.94	+0.17	+0.71	-0.23
70		0	11 M1	+0.00	+0.00	+0.00	+0.14	+0.31	-0.11
70		555	11 M1	+0.00	+0.63	-1.74	+0.14	+0.31	-0.11
70		0	12 M2	+0.00	+0.00	+0.00	-0.08	+0.91	+0.04
70		555	12 M2	+0.00	-0.21	-5.06	-0.08	+0.91	+0.04
70		0	13 M3	+0.00	+0.00	+0.00	+0.16	+0.32	-0.14
70		555	13 M3	+0.00	+0.77	-1.76	+0.16	+0.32	-0.14
70		0	14 M4	+0.00	+0.00	+0.00	-0.41	+0.08	+0.06
70		555	14 M4	+0.00	-0.32	-0.46	-0.41	+0.08	+0.06
70		0	15 M5	+0.00	+0.00	+0.00	-0.23	-22.42	-0.10
70		555	15 M5	+0.00	+0.58	+124.41	-0.23	-22.42	-0.10
70		0	16 M6	+0.00	+0.00	+0.00	+0.46	+0.06	-0.08
70		555	16 M6	+0.00	+0.47	-0.34	+0.46	+0.06	-0.08
70		0	17 M7	+0.00	+0.00	+0.00	+0.14	-0.04	-0.00
70		555	17 M7	+0.00	+0.01	+0.20	+0.14	-0.04	-0.00
70	34	0	M+ A	+0.00	+0.00	+0.00	+0.66	+0.00	+0.00
70	381	555	M+ A	+0.00	+4.28	+415.25	+0.66	+0.00	+0.00
70	34	0	M- A	+0.00	+0.00	+0.00	-0.94	-79.57	-0.77
70	381	555	M- A	+0.00	+0.00	+0.00	-0.94	-62.99	-0.77
71	35	0	0 G	+69.04	+12.92	-452.13	-347.02	+147.64	+3.34
71	36	355	0 G	+69.04	+1.08	-985.33	-347.02	+152.75	+3.34
71		0	1 Q1	+23.15	+5.87	-526.61	-289.77	-64.88	+2.64
71		355	1 Q1	+23.15	-3.50	-296.30	-289.77	-64.88	+2.64
71		0	11 M1	+11.33	+2.88	-280.30	-136.63	-32.58	+1.54
71		355	11 M1	+11.33	-2.58	-164.63	-136.63	-32.58	+1.54
71		0	12 M2	+7.20	+0.63	+13.88	+14.21	+56.28	-0.09
71		355	12 M2	+7.20	+0.94	-185.91	+14.21	+56.28	-0.09
71		0	13 M3	+8.99	+2.94	-269.43	-169.29	-30.32	+1.61
71		355	13 M3	+8.99	-2.76	-161.79	-169.29	-30.32	+1.61
71		0	14 M4	+8.80	-0.24	-42.81	-27.39	+22.23	-1.73
71		355	14 M4	+8.80	+5.90	-121.73	-27.39	+22.23	-1.73
71		0	15 M5	+26.27	+5.41	-255.65	-186.59	+64.36	+0.84
71		355	15 M5	+26.27	+2.43	-484.13	-186.59	+64.36	+0.84
71		0	16 M6	+2.29	+1.84	-51.95	-37.90	-8.21	+2.51
71		355	16 M6	+2.29	-7.06	-22.80	-37.90	-8.21	+2.51
71		0	17 M7	-0.78	+0.15	+28.63	+25.07	+4.51	+0.65
71		355	17 M7	-0.78	-2.15	+12.60	+25.07	+4.51	+0.65
71	35	0	M+ A	+162.49	+33.22	+0.00	+0.00	+292.90	+11.76
71	36	355	M+ A	+162.49	+10.29	+0.00	+0.00	+299.70	+11.76
71	35	0	M- A	+0.00	+0.00	-1732.71	-1132.61	+0.00	+0.00
71	36	355	M- A	+0.00	-14.24	-2436.68	-1132.61	+0.00	+0.00
72	35	0	0 G	+0.00	+0.00	+0.00	+5.09	-35.43	-0.15
72	383	555	0 G	+0.00	+0.85	+176.81	+5.09	-22.96	-0.15
72		0	1 Q1	+0.00	+0.00	+0.00	+3.25	+0.68	-0.17
72		555	1 Q1	+0.00	+0.95	-3.77	+3.25	+0.68	-0.17
72		0	11 M1	+0.00	+0.00	+0.00	+1.80	+0.20	-0.09
72		555	11 M1	+0.00	+0.49	-1.10	+1.80	+0.20	-0.09
72		0	12 M2	+0.00	+0.00	+0.00	+0.04	+0.14	+0.03
72		555	12 M2	+0.00	-0.14	-0.79	+0.04	+0.14	+0.03
72		0	13 M3	+0.00	+0.00	+0.00	+1.86	+0.19	-0.11
72		555	13 M3	+0.00	+0.59	-1.07	+1.86	+0.19	-0.11
72		0	14 M4	+0.00	+0.00	+0.00	-1.48	+0.05	+0.06
72		555	14 M4	+0.00	-0.31	-0.28	-1.48	+0.05	+0.06
72		0	15 M5	+0.00	+0.00	+0.00	+1.68	-7.69	-0.07
72		555	15 M5	+0.00	+0.41	+42.69	+1.68	-7.69	-0.07
72		0	16 M6	+0.00	+0.00	+0.00	+2.42	+0.05	-0.08
72		555	16 M6	+0.00	+0.45	-0.27	+2.42	+0.05	-0.08
72		0	17 M7	+0.00	+0.00	+0.00	+0.56	-0.02	-0.01
72		555	17 M7	+0.00	+0.04	+0.10	+0.56	-0.02	-0.01
72	35	0	M+ A	+0.00	+0.00	+0.00	+14.78	+0.00	+0.00
72	383	555	M+ A	+0.00	+3.30	+299.20	+14.78	+0.00	+0.00
72	35	0	M- A	+0.00	+0.00	+0.00	+0.00	-58.66	-0.59
72	383	555	M- A	+0.00	+0.00	+0.00	+0.00	-42.08	-0.59
73	36	0	0 G	+69.04	+1.08	-985.33	-346.92	+197.35	+22.57
73	37	355	0 G	+69.04	-79.03	-1696.71	-346.92	+203.43	+22.57
73		0	1 Q1	+23.15	-3.50	-296.30	-289.65	-58.58	+12.46

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
73		355 1 Q1		+23.15	-47.73	-88.35	-289.65	-58.58	+12.46
73		0 11 M1		+11.33	-2.58	-164.63	-136.57	-29.81	+6.63
73		355 11 M1		+11.33	-26.11	-58.79	-136.57	-29.81	+6.63
73		0 12 M2		+7.20	+0.94	-185.91	+14.20	+57.44	+0.63
73		355 12 M2		+7.20	-1.31	-389.80	+14.20	+57.44	+0.63
73		0 13 M3		+8.99	-2.76	-161.79	-169.22	-27.44	+6.77
73		355 13 M3		+8.99	-26.80	-64.38	-169.22	-27.44	+6.77
73		0 14 M4		+8.80	+5.90	-121.73	-27.44	+23.40	-3.71
73		355 14 M4		+8.80	+19.06	-204.80	-27.44	+23.40	-3.71
73		0 15 M5		+26.27	+2.43	-484.13	-186.55	+86.83	+8.31
73		355 15 M5		+26.27	-27.07	-792.37	-186.55	+86.83	+8.31
73		0 16 M6		+2.29	-7.06	-22.80	-37.83	-7.59	+7.29
73		355 16 M6		+2.29	-32.95	+4.14	-37.83	-7.59	+7.29
73		0 17 M7		-0.78	-2.15	+12.60	+25.09	+4.21	+1.48
73		355 17 M7		-0.78	-7.41	-2.35	+25.09	+4.21	+1.48
73	36	0 M+ A		+162.49	+10.29	+0.00	+0.00	+392.72	+59.30
73	37	355 M+ A		+162.49	+0.00	+0.00	+0.00	+400.80	+59.30
73	36	0 M- A		+0.00	-14.24	-2436.68	-1132.26	+0.00	+0.00
73	37	355 M- A		+0.00	-218.97	-3564.45	-1132.26	+0.00	+0.00
74	36	0 0 G		+0.00	+0.00	+0.00	+19.23	-44.60	-0.11
74	385	555 0 G		+0.00	+0.59	+227.68	+19.23	-32.13	-0.11
74		0 1 Q1		+0.00	+0.00	+0.00	+9.82	-6.30	-0.11
74		555 1 Q1		+0.00	+0.62	+34.96	+9.82	-6.30	-0.11
74		0 11 M1		+0.00	+0.00	+0.00	+5.09	-2.77	-0.06
74		555 11 M1		+0.00	+0.33	+15.37	+5.09	-2.77	-0.06
74		0 12 M2		+0.00	+0.00	+0.00	+0.72	-1.16	+0.01
74		555 12 M2		+0.00	-0.08	+6.43	+0.72	-1.16	+0.01
74		0 13 M3		+0.00	+0.00	+0.00	+5.17	-2.88	-0.07
74		555 13 M3		+0.00	+0.39	+15.99	+5.17	-2.88	-0.07
74		0 14 M4		+0.00	+0.00	+0.00	-1.97	-1.17	+0.05
74		555 14 M4		+0.00	-0.29	+6.47	-1.97	-1.17	+0.05
74		0 15 M5		+0.00	+0.00	+0.00	+7.47	-22.47	-0.04
74		555 15 M5		+0.00	+0.23	+124.71	+7.47	-22.47	-0.04
74		0 16 M6		+0.00	+0.00	+0.00	+4.78	-0.62	-0.07
74		555 16 M6		+0.00	+0.39	+3.45	+4.78	-0.62	-0.07
74		0 17 M7		+0.00	+0.00	+0.00	+0.83	+0.30	-0.01
74		555 17 M7		+0.00	+0.07	-1.68	+0.83	+0.30	-0.01
74	36	0 M+ A		+0.00	+0.00	+0.00	+50.04	+0.00	+0.00
74	385	555 M+ A		+0.00	+2.20	+537.07	+50.04	+0.00	+0.00
74	36	0 M- A		+0.00	+0.00	+0.00	+0.00	-101.52	-0.40
74	385	555 M- A		+0.00	+0.00	+0.00	+0.00	-84.94	-0.40
75	37	0 0 G		-33.05	-15.68	-1721.11	-321.51	-207.75	-8.90
75	38	357 0 G		-33.05	+16.09	-990.33	-321.51	-201.65	-8.90
75		0 1 Q1		-13.12	+10.55	-1203.26	-155.43	-183.06	+0.03
75		357 1 Q1		-13.12	+10.45	-549.75	-155.43	-183.06	+0.03
75		0 11 M1		-6.50	+8.81	-723.27	-57.19	-109.63	+0.83
75		357 11 M1		-6.50	+5.83	-331.89	-57.19	-109.63	+0.83
75		0 12 M2		-0.21	-4.69	+59.67	-33.26	+25.35	-1.34
75		357 12 M2		-0.21	+0.08	-30.85	-33.26	+25.35	-1.34
75		0 13 M3		-7.14	+9.88	-548.49	-105.85	-64.35	+1.08
75		357 13 M3		-7.14	+6.03	-318.75	-105.85	-64.35	+1.08
75		0 14 M4		-4.57	-26.07	-6.36	-67.56	+13.57	-5.93
75		357 14 M4		-4.57	-4.88	-54.79	-67.56	+13.57	-5.93
75		0 15 M5		-23.67	-15.47	-854.87	-175.48	-98.17	-5.81
75		357 15 M5		-23.67	+5.28	-504.39	-175.48	-98.17	-5.81
75		0 16 M6		+7.84	+29.74	-68.06	-4.69	-6.35	+6.13
75		357 16 M6		+7.84	+7.84	-45.38	-4.69	-6.35	+6.13
75		0 17 M7		+2.22	+9.31	+31.63	+28.58	+1.80	+2.10
75		357 17 M7		+2.22	+1.80	+25.19	+28.58	+1.80	+2.10
75	37	0 M+ A		+0.00	+43.16	+0.00	+0.00	+0.00	+0.34
75	38	357 M+ A		+0.00	+47.26	+0.00	+0.00	+0.00	+0.34
75	37	0 M- A		-97.16	-59.96	-5195.78	-900.66	-687.89	-20.74
75	38	357 M- A		-97.16	+0.00	-2815.88	-900.66	-679.76	-20.74
76	37	0 0 G		+2.26	-55.71	-480.49	+179.91	-133.00	-23.68
76	387	555 0 G		+2.26	+75.69	+207.34	+179.91	-109.55	-23.68
76		0 1 Q1		-21.35	-58.63	-180.82	+71.16	-47.40	-24.33
76		555 1 Q1		-21.35	+76.38	+82.27	+71.16	-47.40	-24.33
76		0 11 M1		-2.72	-35.80	-56.34	+33.16	-12.92	-14.80
76		555 11 M1		-2.72	+46.35	+15.35	+33.16	-12.92	-14.80
76		0 12 M2		+1.75	+5.85	-18.66	+11.21	-4.56	+2.25
76		555 12 M2		+1.75	-6.66	+6.62	+11.21	-4.56	+2.25
76		0 13 M3		-0.83	-38.24	-57.21	+32.63	-13.56	-15.77
76		555 13 M3		-0.83	+49.30	+18.03	+32.63	-13.56	-15.77
76		0 14 M4		-0.12	+48.80	-25.74	+12.66	-5.71	+20.02
76		555 14 M4		-0.12	-62.29	+5.94	+12.66	-5.71	+20.02
76		0 15 M5		-0.75	-11.93	-261.95	+80.80	-70.84	-4.92
76		555 15 M5		-0.75	+15.38	+131.20	+80.80	-70.84	-4.92
76		0 16 M6		+1.47	-62.77	-4.39	+6.64	-1.76	-26.08
76		555 16 M6		+1.47	+81.95	+5.37	+6.64	-1.76	-26.08
76		0 17 M7		+0.86	-16.92	+8.90	-3.58	+1.83	-7.02
76		555 17 M7		+0.86	+22.03	-1.24	-3.58	+1.83	-7.02
76	37	0 M+ A		+5.63	+17.49	+0.00	+456.54	+0.00	+6.35
76	387	555 M+ A		+5.63	+326.70	+583.62	+456.54	+0.00	+6.35
76	37	0 M- A		-30.65	-247.41	-1276.09	+0.00	-347.14	-103.44
76	387	555 M- A		-30.65	-17.75	+0.00	+0.00	-315.95	-103.44
77	37	0 0 G		-7.64	+2884.60	+22.15	-593.41	+1.73	+211.37
77	256	753 0 G		-7.64	+1292.97	+9.12	-565.54	+1.73	+211.37
77		0 1 Q1		+0.36	+1143.91	+1136.26	-282.38	+109.90	+83.59
77		753 1 Q1		+0.36	+514.47	+308.75	-282.38	+109.90	+83.59
77		0 11 M1		+0.87	+531.83	+667.20	-131.50	+64.58	+38.96
77		753 11 M1		+0.87	+238.49	+180.93	-131.50	+64.58	+38.96
77		0 12 M2		-2.47	+180.35	-451.22	-40.23	-45.20	+13.18
77		753 12 M2		-2.47	+81.09	-110.86	-40.23	-45.20	+13.18
77		0 13 M3		+1.55	+523.41	+484.94	-168.77	+47.59	+38.33
77		753 13 M3		+1.55	+234.81	+126.55	-168.77	+47.59	+38.33
77		0 14 M4		-3.68	+203.24	-198.31	-71.22	-20.10	+14.89
77		753 14 M4		-3.68	+91.15	-46.94	-71.22	-20.10	+14.89
77		0 15 M5		+0.34	+1300.59	+63.24	-238.97	+6.15	+94.92
77		753 15 M5		+0.34	+585.86	+16.94	-238.97	+6.15	+94.92
77		0 16 M6		+0.09	+106.87	+70.72	-43.54	+7.06	+7.79
77		753 16 M6		+0.09	+48.18	+17.53	-43.54	+7.06	+7.79
77		0 17 M7		+0.19	-57.10	-34.83	+23.85	-3.52	-4.20
77		753 17 M7		+0.19	-25.43	-8.33	+23.85	-3.52	-4.20
77	37	0 M+ A		+0.00	+7331.69	+2564.22	+0.00	+247.53	+536.35
77	256	753 M+ A		+0.00	+3292.97	+700.35	+0.00	+247.53	+536.35
77	37	0 M- A		-15.67	+0.00	-654.68	-1528.90	-66.07	+0.00
77	256	753 M- A		-15.67	+0.00	-157.16	-1491.82	-66.07	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
78	38	0	0 G	-33.05	+16.09	-990.33	-321.48	-157.02	+1.64
78	39	357	0 G	-33.05	+10.22	-438.94	-321.48	-151.88	+1.64
78		0	1 Q1	-13.12	+10.45	-549.75	-155.39	-154.61	+1.98
78		357	1 Q1	-13.12	+3.38	+2.21	-155.39	-154.61	+1.98
78		0	11 M1	-6.50	+5.83	-331.89	-57.15	-101.27	+1.23
78		357	11 M1	-6.50	+1.44	+29.64	-57.15	-101.27	+1.23
78		0	12 M2	-0.21	+0.08	-30.85	-33.26	+26.28	-0.20
78		357	12 M2	-0.21	+0.79	-124.68	-33.26	+26.28	-0.20
78		0	13 M3	-7.14	+6.03	-318.75	-105.82	-61.65	+1.31
78		357	13 M3	-7.14	+1.35	-98.65	-105.82	-61.65	+1.31
78		0	14 M4	-4.57	-4.88	-54.79	-67.62	+14.65	-1.86
78		357	14 M4	-4.57	+1.76	-107.08	-67.62	+14.65	-1.86
78		0	15 M5	-23.67	+5.28	-504.39	-175.49	-75.70	+0.09
78		357	15 M5	-23.67	+4.96	-234.14	-175.49	-75.70	+0.09
78		0	16 M6	+7.84	+7.84	-45.38	-4.61	-5.71	+2.44
78		357	16 M6	+7.84	-0.88	-25.01	-4.61	-5.71	+2.44
78		0	17 M7	+2.22	+1.80	+25.19	+28.61	+1.49	+0.68
78		357	17 M7	+2.22	-0.61	+19.88	+28.61	+1.49	+0.68
78	38	0	M+ A	+0.00	+47.26	+0.00	+0.00	+0.00	+8.52
78	39	357	M+ A	+0.00	+25.60	+0.00	+0.00	+0.00	+8.52
78	38	0	M- A	-97.16	+0.00	-2815.88	-900.59	-569.46	-1.15
78	39	357	M- A	-97.16	+0.00	-935.01	-900.59	-562.62	-1.15
79	38	0	0 G	+0.00	+0.00	+0.00	+10.54	-44.62	-0.03
79	389	555	0 G	+0.00	+0.17	+227.82	+10.54	-32.15	-0.03
79		0	1 Q1	+0.00	+0.00	+0.00	+1.95	-28.45	-0.04
79		555	1 Q1	+0.00	+0.25	+157.88	+1.95	-28.45	-0.04
79		0	11 M1	+0.00	+0.00	+0.00	+0.40	-8.36	-0.03
79		555	11 M1	+0.00	+0.19	+46.42	+0.40	-8.36	-0.03
79		0	12 M2	+0.00	+0.00	+0.00	+1.14	-0.93	+0.01
79		555	12 M2	+0.00	-0.03	+5.16	+1.14	-0.93	+0.01
79		0	13 M3	+0.00	+0.00	+0.00	+0.23	-2.70	-0.03
79		555	13 M3	+0.00	+0.15	+14.98	+0.23	-2.70	-0.03
79		0	14 M4	+0.00	+0.00	+0.00	+4.08	-1.08	+0.06
79		555	14 M4	+0.00	-0.34	+5.98	+4.08	-1.08	+0.06
79		0	15 M5	+0.00	+0.00	+0.00	+5.90	-22.48	+0.01
79		555	15 M5	+0.00	-0.08	+124.74	+5.90	-22.48	+0.01
79		0	16 M6	+0.00	+0.00	+0.00	-3.69	-0.65	-0.07
79		555	16 M6	+0.00	+0.41	+3.59	-3.69	-0.65	-0.07
79		0	17 M7	+0.00	+0.00	+0.00	-1.43	+0.32	-0.03
79		555	17 M7	+0.00	+0.14	-1.75	-1.43	+0.32	-0.03
79	38	0	M+ A	+0.00	+0.00	+0.00	+25.51	+0.00	+0.06
79	389	555	M+ A	+0.00	+1.18	+703.25	+25.51	+0.00	+0.06
79	38	0	M- A	+0.00	+0.00	+0.00	+0.00	-131.47	-0.21
79	389	555	M- A	+0.00	-0.34	+0.00	+0.00	-114.88	-0.21
80	39	0	0 G	-33.05	+10.22	-438.94	-321.48	-116.40	+2.09
80	40	357	0 G	-33.05	+2.78	-32.58	-321.48	-111.26	+2.09
80		0	1 Q1	-13.12	+3.38	+2.21	-155.36	-125.61	+0.92
80		357	1 Q1	-13.12	+0.09	+450.64	-155.36	-125.61	+0.92
80		0	11 M1	-6.50	+1.44	+29.64	-57.12	-79.07	+0.45
80		357	11 M1	-6.50	-0.18	+311.92	-57.12	-79.07	+0.45
80		0	12 M2	-0.21	+0.79	-124.68	-33.27	+26.20	+0.11
80		357	12 M2	-0.21	+0.41	-218.23	-33.27	+26.20	+0.11
80		0	13 M3	-7.14	+1.35	-98.65	-105.81	-62.79	+0.46
80		357	13 M3	-7.14	-0.27	+125.50	-105.81	-62.79	+0.46
80		0	14 M4	-4.57	+1.76	-107.08	-67.70	+14.57	+0.01
80		357	14 M4	-4.57	+1.73	-159.10	-67.70	+14.57	+0.01
80		0	15 M5	-23.67	+4.96	-234.14	-175.53	-67.83	+0.90
80		357	15 M5	-23.67	+1.75	+7.99	-175.53	-67.83	+0.90
80		0	16 M6	+7.84	-0.88	-25.01	-4.53	-5.75	+0.24
80		357	16 M6	+7.84	-1.74	-4.48	-4.53	-5.75	+0.24
80		0	17 M7	+2.22	-0.61	+19.88	+28.64	+1.50	+0.00
80		357	17 M7	+2.22	-0.63	+14.51	+28.64	+1.50	+0.00
80	39	0	M+ A	+0.00	+25.60	+0.00	+0.00	+0.00	+5.37
80	40	357	M+ A	+0.00	+6.44	+1043.67	+0.00	+0.00	+5.37
80	39	0	M- A	-97.16	+0.00	-935.01	-900.60	-442.99	+0.00
80	40	357	M- A	-97.16	+0.00	-370.68	-900.60	-436.15	+0.00
81	39	0	0 G	+0.00	+0.00	+0.00	+0.44	-35.48	-0.00
81	391	555	0 G	+0.00	+0.02	+177.08	+0.44	-23.01	-0.00
81		0	1 Q1	+0.00	+0.00	+0.00	-1.05	-29.00	-0.03
81		555	1 Q1	+0.00	+0.17	+160.93	-1.05	-29.00	-0.03
81		0	11 M1	+0.00	+0.00	+0.00	-0.78	-22.20	-0.03
81		555	11 M1	+0.00	+0.19	+123.19	-0.78	-22.20	-0.03
81		0	12 M2	+0.00	+0.00	+0.00	+0.30	+0.08	+0.01
81		555	12 M2	+0.00	-0.04	-0.44	+0.30	+0.08	+0.01
81		0	13 M3	+0.00	+0.00	+0.00	-0.86	+1.13	-0.01
81		555	13 M3	+0.00	+0.08	-6.28	-0.86	+1.13	-0.01
81		0	14 M4	+0.00	+0.00	+0.00	+1.87	+0.07	+0.08
81		555	14 M4	+0.00	-0.42	-0.41	+1.87	+0.07	+0.08
81		0	15 M5	+0.00	+0.00	+0.00	+0.81	-7.87	+0.04
81		555	15 M5	+0.00	-0.22	+43.69	+0.81	-7.87	+0.04
81		0	16 M6	+0.00	+0.00	+0.00	-2.20	+0.04	-0.09
81		555	16 M6	+0.00	+0.49	-0.25	-2.20	+0.04	-0.09
81		0	17 M7	+0.00	+0.00	+0.00	-0.67	-0.02	-0.03
81		555	17 M7	+0.00	+0.19	+0.09	-0.67	-0.02	-0.03
81	39	0	M+ A	+0.00	+0.00	+0.00	+3.39	+0.00	+0.11
81	391	555	M+ A	+0.00	+0.98	+637.55	+3.39	+0.00	+0.11
81	39	0	M- A	+0.00	+0.00	+0.00	-4.29	-119.63	-0.18
81	391	555	M- A	+0.00	-0.62	+0.00	-4.29	-103.05	-0.18
82	40	0	0 G	-33.05	+2.78	-32.58	-321.51	-76.59	+0.88
82	41	358	0 G	-33.05	-0.38	+232.38	-321.51	-71.43	+0.88
82		0	1 Q1	-13.12	+0.09	+450.64	-155.34	-97.27	+0.19
82		358	1 Q1	-13.12	-0.58	+798.87	-155.34	-97.27	+0.19
82		0	11 M1	-6.50	-0.18	+311.92	-57.09	-66.10	+0.05
82		358	11 M1	-6.50	-0.37	+548.57	-57.09	-66.10	+0.05
82		0	12 M2	-0.21	+0.41	-218.23	-33.28	+26.10	+0.09
82		358	12 M2	-0.21	+0.08	-311.66	-33.28	+26.10	+0.09
82		0	13 M3	-7.14	-0.27	+125.50	-105.81	-58.98	+0.04
82		358	13 M3	-7.14	-0.41	+336.66	-105.81	-58.98	+0.04
82		0	14 M4	-4.57	+1.73	-159.10	-67.79	+14.45	+0.31
82		358	14 M4	-4.57	+0.62	-210.84	-67.79	+14.45	+0.31
82		0	15 M5	-23.67	+1.75	+7.99	-175.60	-44.98	+0.48
82		358	15 M5	-23.67	+0.03	+169.03	-175.60	-44.98	+0.48
82		0	16 M6	+7.84	-1.74	-4.48	-4.43	-5.81	-0.27
82		358	16 M6	+7.84	-0.77	+16.33	-4.43	-5.81	-0.27
82		0	17 M7	+2.22	-0.63	+14.51	+28.69	+1.54	-0.11
82		358	17 M7	+2.22	-0.24	+9.00	+28.69	+1.54	-0.11
82	40	0	M+ A	+0.00	+6.44	+1043.67	+0.00	+0.00	+2.15

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
82	41	358	M+ A	+0.00	+0.55	+2210.39	+0.00	+0.00	+2.15
82	40	0	M- A	-97.16	+0.00	-370.68	-900.72	-332.33	+0.00
82	41	358	M- A	-97.16	-2.44	-235.12	-900.72	-325.47	+0.00
83	40	0	0 G	+0.00	+0.00	+0.00	-1.20	-34.67	+0.03
83	393	555	0 G	+0.00	-0.15	+172.57	-1.20	-22.20	+0.03
83		0	1 Q1	+0.00	+0.00	+0.00	-0.74	-28.34	-0.01
83		555	1 Q1	+0.00	+0.07	+157.31	-0.74	-28.34	-0.01
83		0	11 M1	+0.00	+0.00	+0.00	-0.40	-12.97	-0.03
83		555	11 M1	+0.00	+0.17	+71.96	-0.40	-12.97	-0.03
83		0	12 M2	+0.00	+0.00	+0.00	-0.01	+0.11	+0.01
83		555	12 M2	+0.00	-0.04	-0.59	-0.01	+0.11	+0.01
83		0	13 M3	+0.00	+0.00	+0.00	-0.42	-3.80	+0.00
83		555	13 M3	+0.00	-0.01	+21.10	-0.42	-3.80	+0.00
83		0	14 M4	+0.00	+0.00	+0.00	+0.30	+0.12	+0.09
83		555	14 M4	+0.00	-0.49	-0.67	+0.30	+0.12	+0.09
83		0	15 M5	+0.00	+0.00	+0.00	-0.42	-22.84	+0.07
83		555	15 M5	+0.00	-0.37	+126.79	-0.42	-22.84	+0.07
83		0	16 M6	+0.00	+0.00	+0.00	-0.51	+0.06	-0.10
83		555	16 M6	+0.00	+0.53	-0.33	-0.51	+0.06	-0.10
83		0	17 M7	+0.00	+0.00	+0.00	-0.11	-0.03	-0.04
83		555	17 M7	+0.00	+0.24	+0.19	-0.11	-0.03	-0.04
83	40	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.17
83	393	555	M+ A	+0.00	+0.73	+632.06	+0.00	+0.00	+0.17
83	40	0	M- A	+0.00	+0.00	+0.00	-3.36	-118.64	-0.13
83	393	555	M- A	+0.00	-0.94	+0.00	-3.36	-102.06	-0.13
84	41	0	0 G	-33.05	-0.38	+232.38	-321.57	-35.64	+0.30
84	42	357	0 G	-33.05	-1.44	+350.44	-321.57	-30.50	+0.30
84		0	1 Q1	-13.12	-0.58	+798.87	-155.35	-68.82	+0.02
84		357	1 Q1	-13.12	-0.64	+1044.57	-155.35	-68.82	+0.02
84		0	11 M1	-6.50	-0.37	+548.57	-57.06	-52.73	-0.01
84		357	11 M1	-6.50	-0.32	+736.82	-57.06	-52.73	-0.01
84		0	12 M2	-0.21	+0.08	-311.66	-33.29	+26.11	+0.04
84		357	12 M2	-0.21	-0.06	-404.89	-33.29	+26.11	+0.04
84		0	13 M3	-7.14	-0.41	+336.66	-105.83	-37.40	-0.02
84		357	13 M3	-7.14	-0.34	+470.16	-105.83	-37.40	-0.02
84		0	14 M4	-4.57	+0.62	-210.84	-67.89	+14.46	+0.18
84		357	14 M4	-4.57	-0.02	-262.46	-67.89	+14.46	+0.18
84		0	15 M5	-23.67	+0.03	+169.03	-175.70	-15.90	+0.20
84		357	15 M5	-23.67	-0.69	+225.78	-175.70	-15.90	+0.20
84		0	16 M6	+7.84	-0.77	+16.33	-4.33	-5.80	-0.19
84		357	16 M6	+7.84	-0.08	+37.04	-4.33	-5.80	-0.19
84		0	17 M7	+2.22	-0.24	+9.00	+28.74	+1.54	-0.06
84		357	17 M7	+2.22	-0.01	+3.51	+28.74	+1.54	-0.06
84	41	0	M+ A	+0.00	+0.55	+2210.39	+0.00	+3.53	+0.72
84	42	357	M+ A	+0.00	+0.00	+2981.49	+0.00	+8.67	+0.72
84	41	0	M- A	-97.16	-2.44	-235.12	-900.96	-219.41	+0.00
84	42	357	M- A	-97.16	-3.81	-256.89	-900.96	-212.57	+0.00
85	41	0	0 G	+0.00	+0.00	+0.00	-0.59	-35.79	+0.06
85	395	555	0 G	+0.00	-0.35	+178.79	-0.59	-23.32	+0.06
85		0	1 Q1	+0.00	+0.00	+0.00	-0.17	-28.44	+0.01
85		555	1 Q1	+0.00	-0.05	+157.86	-0.17	-28.44	+0.01
85		0	11 M1	+0.00	+0.00	+0.00	-0.06	-13.37	-0.03
85		555	11 M1	+0.00	+0.14	+74.23	-0.06	-13.37	-0.03
85		0	12 M2	+0.00	+0.00	+0.00	-0.05	-0.02	+0.01
85		555	12 M2	+0.00	-0.04	+0.08	-0.05	-0.02	+0.01
85		0	13 M3	+0.00	+0.00	+0.00	-0.06	-21.59	+0.02
85		555	13 M3	+0.00	-0.10	+119.82	-0.06	-21.59	+0.02
85		0	14 M4	+0.00	+0.00	+0.00	-0.13	-0.01	+0.10
85		555	14 M4	+0.00	-0.55	+0.06	-0.13	-0.01	+0.10
85		0	15 M5	+0.00	+0.00	+0.00	-0.28	-29.08	+0.10
85		555	15 M5	+0.00	-0.53	+161.41	-0.28	-29.08	+0.10
85		0	16 M6	+0.00	+0.00	+0.00	+0.08	-0.01	-0.10
85		555	16 M6	+0.00	+0.57	+0.05	+0.08	-0.01	-0.10
85		0	17 M7	+0.00	+0.00	+0.00	+0.04	+0.00	-0.05
85		555	17 M7	+0.00	+0.28	-0.00	+0.04	+0.00	-0.05
85	41	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.25
85	395	555	M+ A	+0.00	+0.50	+693.02	+0.00	+0.00	+0.25
85	41	0	M- A	+0.00	+0.00	+0.00	-1.43	-129.62	-0.09
85	395	555	M- A	+0.00	-1.36	+0.00	-1.43	-113.04	-0.09
86	42	0	0 G	-33.05	-1.44	+350.44	-321.67	+5.21	+0.15
86	43	357	0 G	-33.05	-1.97	+322.65	-321.67	+10.36	+0.15
86		0	1 Q1	-13.12	-0.64	+1044.57	-155.38	-40.69	+0.03
86		357	1 Q1	-13.12	-0.76	+1189.85	-155.38	-40.69	+0.03
86		0	11 M1	-6.50	-0.32	+736.82	-57.04	-24.76	+0.01
86		357	11 M1	-6.50	-0.37	+825.23	-57.04	-24.76	+0.01
86		0	12 M2	-0.21	-0.06	-404.89	-33.29	+26.26	+0.02
86		357	12 M2	-0.21	-0.12	-498.62	-33.29	+26.26	+0.02
86		0	13 M3	-7.14	-0.34	+470.16	-105.87	-22.99	+0.01
86		357	13 M3	-7.14	-0.38	+552.22	-105.87	-22.99	+0.01
86		0	14 M4	-4.57	-0.02	-262.46	-68.00	+14.55	+0.05
86		357	14 M4	-4.57	-0.20	-314.41	-68.00	+14.55	+0.05
86		0	15 M5	-23.67	-0.69	+225.78	-175.83	+4.70	+0.08
86		357	15 M5	-23.67	-0.98	+209.00	-175.83	+4.70	+0.08
86		0	16 M6	+7.84	-0.08	+37.04	-4.22	-5.78	-0.05
86		357	16 M6	+7.84	+0.09	+57.66	-4.22	-5.78	-0.05
86		0	17 M7	+2.22	-0.01	+3.51	+28.80	+1.54	-0.02
86		357	17 M7	+2.22	+0.06	-1.99	+28.80	+1.54	-0.02
86	42	0	M+ A	+0.00	+0.00	+2981.49	+0.00	+46.32	+0.37
86	43	357	M+ A	+0.00	+0.00	+3273.27	+0.00	+53.16	+0.37
86	42	0	M- A	-97.16	-3.81	-256.89	-901.33	-86.87	+0.00
86	43	357	M- A	-97.16	-5.12	-425.29	-901.33	-81.73	+0.00
87	42	0	0 G	+0.00	+0.00	+0.00	-0.15	-35.71	+0.10
87	397	555	0 G	+0.00	-0.58	+178.37	-0.15	-23.24	+0.10
87		0	1 Q1	+0.00	+0.00	+0.00	+0.02	-28.13	+0.03
87		555	1 Q1	+0.00	-0.17	+156.13	+0.02	-28.13	+0.03
87		0	11 M1	+0.00	+0.00	+0.00	+0.02	-27.97	-0.02
87		555	11 M1	+0.00	+0.12	+155.21	+0.02	-27.97	-0.02
87		0	12 M2	+0.00	+0.00	+0.00	-0.02	-0.14	+0.01
87		555	12 M2	+0.00	-0.05	+0.79	-0.02	-0.14	+0.01
87		0	13 M3	+0.00	+0.00	+0.00	+0.03	-14.41	+0.04
87		555	13 M3	+0.00	-0.20	+79.98	+0.03	-14.41	+0.04
87		0	14 M4	+0.00	+0.00	+0.00	-0.13	-0.09	+0.11
87		555	14 M4	+0.00	-0.63	+0.50	-0.13	-0.09	+0.11
87		0	15 M5	+0.00	+0.00	+0.00	-0.12	-20.60	+0.13
87		555	15 M5	+0.00	-0.71	+114.32	-0.12	-20.60	+0.13
87		0	16 M6	+0.00	+0.00	+0.00	+0.14	-0.02	-0.11

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
87		555	16 M6	+0.00	+0.61	+0.13	+0.14	-0.02	-0.11
87		0	17 M7	+0.00	+0.00	+0.00	+0.05	-0.00	-0.06
87		555	17 M7	+0.00	+0.33	+0.00	+0.05	-0.00	-0.06
87	42	0	M+ A	+0.00	+0.00	+0.00	+0.09	+0.00	+0.37
87	397	555	M+ A	+0.00	+0.34	+680.82	+0.09	+0.00	+0.37
87	42	0	M- A	+0.00	+0.00	+0.00	-0.38	-127.42	-0.06
87	397	555	M- A	+0.00	-2.05	+0.00	-0.38	-110.84	-0.06
88	43	0	0 G	-33.05	-1.97	+322.65	-321.82	+46.19	-0.04
88	44	357	0 G	-33.05	-1.83	+147.37	-321.82	+52.01	-0.04
88		0	1 Q1	-13.12	-0.76	+1189.85	-155.44	-12.26	-0.02
88		357	1 Q1	-13.12	-0.67	+1233.63	-155.44	-12.26	-0.02
88		0	11 M1	-6.50	-0.37	+825.23	-57.03	+2.88	-0.02
88		357	11 M1	-6.50	-0.29	+814.95	-57.03	+2.88	-0.02
88		0	12 M2	-0.21	-0.12	-498.62	-33.31	+26.30	+0.04
88		357	12 M2	-0.21	-0.26	-592.50	-33.31	+26.30	+0.04
88		0	13 M3	-7.14	-0.38	+552.22	-105.92	-10.87	-0.04
88		357	13 M3	-7.14	-0.24	+591.03	-105.92	-10.87	-0.04
88		0	14 M4	-4.57	-0.20	-314.41	-68.13	+14.57	-0.04
88		357	14 M4	-4.57	-0.05	-366.44	-68.13	+14.57	-0.04
88		0	15 M5	-23.67	-0.98	+209.00	-175.98	+12.60	-0.22
88		357	15 M5	-23.67	-0.20	+164.01	-175.98	+12.60	-0.22
88		0	16 M6	+7.84	+0.09	+57.66	-4.10	-5.84	+0.19
88		357	16 M6	+7.84	-0.60	+78.52	-4.10	-5.84	+0.19
88		0	17 M7	+2.22	+0.06	-1.99	+28.87	+1.54	+0.03
88		357	17 M7	+2.22	-0.04	-7.50	+28.87	+1.54	+0.03
88	43	0	M+ A	+0.00	+0.00	+3273.27	+0.00	+100.88	+0.25
88	44	357	M+ A	+0.00	+0.00	+3083.82	+0.00	+108.61	+0.25
88	43	0	M- A	-97.16	-5.12	-425.29	-901.84	+0.00	-0.42
88	44	357	M- A	-97.16	-4.24	-741.38	-901.84	+0.00	-0.42
89	43	0	0 G	+0.00	+0.00	+0.00	-0.19	-35.83	+0.15
89	399	555	0 G	+0.00	-0.81	+179.04	-0.19	-23.37	+0.15
89		0	1 Q1	+0.00	+0.00	+0.00	-0.06	-28.43	+0.05
89		555	1 Q1	+0.00	-0.29	+157.79	-0.06	-28.43	+0.05
89		0	11 M1	+0.00	+0.00	+0.00	-0.03	-27.64	-0.02
89		555	11 M1	+0.00	+0.09	+153.43	-0.03	-27.64	-0.02
89		0	12 M2	+0.00	+0.00	+0.00	+0.02	-0.04	+0.01
89		555	12 M2	+0.00	-0.06	+0.22	+0.02	-0.04	+0.01
89		0	13 M3	+0.00	+0.00	+0.00	-0.05	-12.11	+0.05
89		555	13 M3	+0.00	-0.29	+67.23	-0.05	-12.11	+0.05
89		0	14 M4	+0.00	+0.00	+0.00	-0.10	-0.02	+0.13
89		555	14 M4	+0.00	-0.70	+0.12	-0.10	-0.02	+0.13
89		0	15 M5	+0.00	+0.00	+0.00	-0.30	-7.90	+0.16
89		555	15 M5	+0.00	-0.89	+43.86	-0.30	-7.90	+0.16
89		0	16 M6	+0.00	+0.00	+0.00	+0.24	+0.06	-0.12
89		555	16 M6	+0.00	+0.66	-0.35	+0.24	+0.06	-0.12
89		0	17 M7	+0.00	+0.00	+0.00	+0.05	-0.00	-0.07
89		555	17 M7	+0.00	+0.38	+0.02	+0.05	-0.00	-0.07
89	43	0	M+ A	+0.00	+0.00	+0.00	+0.17	+0.00	+0.50
89	399	555	M+ A	+0.00	+0.18	+681.28	+0.17	+0.00	+0.50
89	43	0	M- A	+0.00	+0.00	+0.00	-0.78	-127.51	-0.03
89	399	555	M- A	+0.00	-2.80	+0.00	-0.78	-110.92	-0.03
90	44	0	0 G	-33.05	-1.83	+147.37	-322.00	+88.26	-0.52
90	45	357	0 G	-33.05	+0.03	-178.08	-322.00	+94.07	-0.52
90		0	1 Q1	-13.12	-0.67	+1233.63	-155.51	+16.47	-0.24
90		357	1 Q1	-13.12	+0.20	+1174.82	-155.51	+16.47	-0.24
90		0	11 M1	-6.50	-0.29	+814.95	-57.02	+14.68	-0.16
90		357	11 M1	-6.50	+0.28	+762.54	-57.02	+14.68	-0.16
90		0	12 M2	-0.21	-0.26	-592.50	-33.32	+26.14	+0.12
90		357	12 M2	-0.21	-0.68	-685.83	-33.32	+26.14	+0.12
90		0	13 M3	-7.14	-0.24	+591.03	-105.99	+17.52	-0.22
90		357	13 M3	-7.14	+0.55	+528.47	-105.99	+17.52	-0.22
90		0	14 M4	-4.57	-0.05	-366.44	-68.26	+14.51	-0.18
90		357	14 M4	-4.57	+0.59	-418.23	-68.26	+14.51	-0.18
90		0	15 M5	-23.67	-0.20	+164.01	-176.17	+35.77	-0.98
90		357	15 M5	-23.67	+3.29	+36.32	-176.17	+35.77	-0.98
90		0	16 M6	+7.84	-0.60	+78.52	-3.97	-6.49	+0.69
90		357	16 M6	+7.84	-3.08	+101.70	-3.97	-6.49	+0.69
90		0	17 M7	+2.22	-0.04	-7.50	+28.94	+1.52	+0.10
90		357	17 M7	+2.22	-0.41	-12.94	+28.94	+1.52	+0.10
90	44	0	M+ A	+0.00	+0.00	+3083.82	+0.00	+193.27	+0.52
90	45	357	M+ A	+0.00	+5.25	+2551.74	+0.00	+201.01	+0.52
90	44	0	M- A	-97.16	-4.24	-741.38	-902.45	+0.00	-2.49
90	45	357	M- A	-97.16	-4.59	-1265.59	-902.45	+0.00	-2.49
91	44	0	0 G	+0.00	+0.00	+0.00	-0.48	-36.25	+0.18
91	401	555	0 G	+0.00	-1.00	+181.35	-0.48	-23.78	+0.18
91		0	1 Q1	+0.00	+0.00	+0.00	-0.22	-28.74	+0.07
91		555	1 Q1	+0.00	-0.39	+159.48	-0.22	-28.74	+0.07
91		0	11 M1	+0.00	+0.00	+0.00	-0.14	-11.80	-0.01
91		555	11 M1	+0.00	+0.07	+65.50	-0.14	-11.80	-0.01
91		0	12 M2	+0.00	+0.00	+0.00	+0.08	+0.15	+0.01
91		555	12 M2	+0.00	-0.06	-0.86	+0.08	+0.15	+0.01
91		0	13 M3	+0.00	+0.00	+0.00	-0.18	-28.40	+0.07
91		555	13 M3	+0.00	-0.37	+157.60	-0.18	-28.40	+0.07
91		0	14 M4	+0.00	+0.00	+0.00	-0.13	+0.06	+0.14
91		555	14 M4	+0.00	-0.77	-0.36	-0.13	+0.06	+0.14
91		0	15 M5	+0.00	+0.00	+0.00	-0.76	-23.17	+0.19
91		555	15 M5	+0.00	-1.04	+128.58	-0.76	-23.17	+0.19
91		0	16 M6	+0.00	+0.00	+0.00	+0.50	+0.65	-0.13
91		555	16 M6	+0.00	+0.71	-3.61	+0.50	+0.65	-0.13
91		0	17 M7	+0.00	+0.00	+0.00	+0.08	+0.02	-0.08
91		555	17 M7	+0.00	+0.43	-0.10	+0.08	+0.02	-0.08
91	44	0	M+ A	+0.00	+0.00	+0.00	+0.27	+0.00	+0.62
91	401	555	M+ A	+0.00	+0.06	+692.89	+0.27	+0.00	+0.62
91	44	0	M- A	+0.00	+0.00	+0.00	-2.07	-129.60	-0.01
91	401	555	M- A	+0.00	-3.42	+0.00	-2.07	-113.02	-0.01
92	45	0	0 G	+20.51	-1.10	+263.93	+138.17	-94.26	-0.12
92	46	357	0 G	+20.51	-0.67	+590.06	+138.17	-88.45	-0.12
92		0	1 Q1	+8.08	-0.56	+1735.72	+59.73	-84.92	-0.07
92		357	1 Q1	+8.08	-0.29	+2038.88	+59.73	-84.92	-0.07
92		0	11 M1	+2.93	-0.42	+1085.96	+33.97	-30.26	-0.07
92		357	11 M1	+2.93	-0.18	+1193.98	+33.97	-30.26	-0.07
92		0	12 M2	+4.58	+0.47	-777.88	+24.09	+3.99	+0.11
92		357	12 M2	+4.58	+0.08	-792.14	+24.09	+3.99	+0.11
92		0	13 M3	+1.56	-0.66	+819.80	+32.47	-32.85	-0.12
92		357	13 M3	+1.56	-0.24	+937.08	+32.47	-32.85	-0.12
92		0	14 M4	-2.28	-0.60	-432.76	+9.71	-21.24	-0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
92		357	14 M4	-2.28	-0.16	-356.94	+9.71	-21.24	-0.12
92		0	15 M5	-6.03	-3.14	+307.00	+41.01	-52.69	-0.62
92		357	15 M5	-6.03	-0.91	+495.11	+41.01	-52.69	-0.62
92		0	16 M6	+16.57	+2.54	+156.84	+36.05	-28.08	+0.55
92		357	16 M6	+16.57	+0.58	+257.09	+36.05	-28.08	+0.55
92		0	17 M7	+2.19	+0.36	-35.95	+7.04	+12.96	+0.08
92		357	17 M7	+2.19	+0.07	-82.21	+7.04	+12.96	+0.08
92	45	0	M+ A	+63.04	+2.70	+4323.18	+325.92	+0.00	+0.70
92	46	357	M+ A	+63.04	+0.20	+5328.24	+325.92	+0.00	+0.70
92	45	0	M- A	+0.00	-6.92	-902.89	+0.00	-319.04	-1.20
92	46	357	M- A	+0.00	-2.65	-598.15	+0.00	-311.31	-1.20
93	45	0	0 G	+0.00	+0.00	+0.00	-0.52	-36.43	+0.21
93	403	555	0 G	+0.00	-1.19	+182.34	-0.52	-23.96	+0.21
93		0	1 Q1	+0.00	+0.00	+0.00	-0.23	-28.36	+0.09
93		555	1 Q1	+0.00	-0.49	+157.41	-0.23	-28.36	+0.09
93		0	11 M1	+0.00	+0.00	+0.00	-0.12	-14.38	-0.01
93		555	11 M1	+0.00	+0.05	+79.79	-0.12	-14.38	-0.01
93		0	12 M2	+0.00	+0.00	+0.00	-0.01	+0.17	+0.01
93		555	12 M2	+0.00	-0.07	-0.96	-0.01	+0.17	+0.01
93		0	13 M3	+0.00	+0.00	+0.00	-0.13	-29.42	+0.08
93		555	13 M3	+0.00	-0.45	+163.25	-0.13	-29.42	+0.08
93		0	14 M4	+0.00	+0.00	+0.00	-0.04	+0.02	+0.15
93		555	14 M4	+0.00	-0.83	-0.11	-0.04	+0.02	+0.15
93		0	15 M5	+0.00	+0.00	+0.00	-0.36	-27.03	+0.21
93		555	15 M5	+0.00	-1.19	+150.02	-0.36	-27.03	+0.21
93		0	16 M6	+0.00	+0.00	+0.00	+0.08	+0.22	-0.14
93		555	16 M6	+0.00	+0.76	-1.21	+0.08	+0.22	-0.14
93		0	17 M7	+0.00	+0.00	+0.00	+0.02	+0.05	-0.08
93		555	17 M7	+0.00	+0.47	-0.28	+0.02	+0.05	-0.08
93	45	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.73
93	403	555	M+ A	+0.00	+0.00	+699.90	+0.00	+0.00	+0.73
93	45	0	M- A	+0.00	+0.00	+0.00	-1.54	-130.86	+0.00
93	403	555	M- A	+0.00	-4.03	+0.00	-1.54	-114.28	+0.00
94	45	0	0 G	+50.75	+17.14	+442.01	+509.37	-54.93	-0.92
94	191	379	0 G	+50.75	+20.63	+225.76	+510.80	-58.89	-0.92
94		0	1 Q1	+20.20	+6.49	+560.89	+246.61	-48.85	-0.40
94		379	1 Q1	+20.20	+8.00	+375.25	+246.61	-48.85	-0.40
94		0	11 M1	+9.11	+2.55	+323.42	+105.72	-24.87	-0.21
94		379	11 M1	+9.11	+3.34	+228.91	+105.72	-24.87	-0.21
94		0	12 M2	+4.11	+2.72	-92.05	+61.47	-1.15	+0.01
94		379	12 M2	+4.11	+2.70	-96.44	+61.47	-1.15	+0.01
94		0	13 M3	+8.60	+1.82	+291.33	+157.41	-27.96	-0.23
94		379	13 M3	+8.60	+2.70	+185.08	+157.41	-27.96	-0.23
94		0	14 M4	+2.56	-0.34	-14.53	+85.61	-7.05	-0.10
94		379	14 M4	+2.56	+0.03	-41.32	+85.61	-7.05	-0.10
94		0	15 M5	+18.77	-0.05	+270.69	+243.70	-34.74	-0.71
94		379	15 M5	+18.77	+2.66	+138.68	+243.70	-34.74	-0.71
94		0	16 M6	+6.30	+8.25	+55.15	+44.77	-6.54	+0.23
94		379	16 M6	+6.30	+7.38	+30.28	+44.77	-6.54	+0.23
94		0	17 M7	-0.28	+0.71	-23.01	-24.58	+3.33	+0.04
94		379	17 M7	-0.28	+0.57	-10.35	-24.58	+3.33	+0.04
94	45	0	M+ A	+122.92	+43.93	+1830.21	+1375.94	+0.00	+0.00
94	191	379	M+ A	+122.92	+49.31	+1150.20	+1377.84	+0.00	+0.00
94	45	0	M- A	+0.00	+0.00	-0.00	+0.00	-191.11	-2.83
94	191	379	M- A	+0.00	+0.00	-0.00	+0.00	-196.39	-2.83
95	46	0	0 G	+20.51	-0.67	+590.06	+138.02	-52.62	-0.23
95	47	357	0 G	+20.51	+0.14	+768.75	+138.02	-47.48	-0.23
95		0	1 Q1	+8.08	-0.29	+2038.88	+59.67	-52.04	-0.10
95		357	1 Q1	+8.08	+0.08	+2224.68	+59.67	-52.04	-0.10
95		0	11 M1	+2.93	-0.18	+1193.98	+33.99	-4.16	-0.06
95		357	11 M1	+2.93	+0.03	+1208.82	+33.99	-4.16	-0.06
95		0	12 M2	+4.58	+0.08	-792.14	+24.09	+4.03	+0.02
95		357	12 M2	+4.58	+0.03	-806.54	+24.09	+4.03	+0.02
95		0	13 M3	+1.56	-0.24	+937.08	+32.40	-20.84	-0.07
95		357	13 M3	+1.56	+0.00	+1011.49	+32.40	-20.84	-0.07
95		0	14 M4	-2.28	-0.16	-356.94	+9.56	-21.18	-0.04
95		357	14 M4	-2.28	-0.01	-281.32	+9.56	-21.18	-0.04
95		0	15 M5	-6.03	-0.91	+495.11	+40.81	-23.34	-0.25
95		357	15 M5	-6.03	-0.03	+578.43	+40.81	-23.34	-0.25
95		0	16 M6	+16.57	+0.58	+257.09	+36.20	-17.65	+0.12
95		357	16 M6	+16.57	+0.13	+320.08	+36.20	-17.65	+0.12
95		0	17 M7	+2.19	+0.07	-82.21	+7.13	+12.94	+0.02
95		357	17 M7	+2.19	-0.01	-128.41	+7.13	+12.94	+0.02
95	46	0	M+ A	+63.04	+0.20	+5328.24	+325.35	+0.00	+0.00
95	47	357	M+ A	+63.04	+0.49	+5838.98	+325.35	+0.00	+0.00
95	46	0	M- A	+0.00	-2.65	-598.15	+0.00	-175.26	-0.81
95	47	357	M- A	+0.00	+0.00	-441.06	+0.00	-168.42	-0.81
96	46	0	0 G	+0.00	+0.00	+0.00	-0.11	-35.82	+0.15
96	405	555	0 G	+0.00	-0.82	+178.97	-0.11	-23.35	+0.15
96		0	1 Q1	+0.00	+0.00	+0.00	-0.03	-32.87	+0.06
96		555	1 Q1	+0.00	-0.33	+182.45	-0.03	-32.87	+0.06
96		0	11 M1	+0.00	+0.00	+0.00	+0.01	-26.10	-0.03
96		555	11 M1	+0.00	+0.14	+144.88	+0.01	-26.10	-0.03
96		0	12 M2	+0.00	+0.00	+0.00	-0.09	-0.04	+0.00
96		555	12 M2	+0.00	-0.00	+0.21	-0.09	-0.04	+0.00
96		0	13 M3	+0.00	+0.00	+0.00	+0.05	-12.01	+0.07
96		555	13 M3	+0.00	-0.36	+66.64	+0.05	-12.01	+0.07
96		0	14 M4	+0.00	+0.00	+0.00	+0.08	-0.06	+0.15
96		555	14 M4	+0.00	-0.81	+0.31	+0.08	-0.06	+0.15
96		0	15 M5	+0.00	+0.00	+0.00	+0.38	-29.35	+0.19
96		555	15 M5	+0.00	-1.08	+162.89	+0.38	-29.35	+0.19
96		0	16 M6	+0.00	+0.00	+0.00	-0.42	-10.43	-0.15
96		555	16 M6	+0.00	+0.86	+57.91	-0.42	-10.43	-0.15
96		0	17 M7	+0.00	+0.00	+0.00	-0.06	+0.02	-0.09
96		555	17 M7	+0.00	+0.49	-0.10	-0.06	+0.02	-0.09
96	46	0	M+ A	+0.00	+0.00	+0.00	+0.46	+0.00	+0.57
96	405	555	M+ A	+0.00	+0.46	+728.67	+0.46	+0.00	+0.57
96	46	0	M- A	+0.00	+0.00	+0.00	-0.82	-136.05	-0.08
96	405	555	M- A	+0.00	-3.16	+0.00	-0.82	-119.46	-0.08
97	47	0	0 G	+20.51	+0.14	+768.75	+137.95	-11.89	-0.05
97	48	358	0 G	+20.51	+0.31	+802.10	+137.95	-6.74	-0.05
97		0	1 Q1	+8.08	+0.08	+2224.68	+59.64	-2.83	-0.02
97		358	1 Q1	+8.08	+0.15	+2234.80	+59.64	-2.83	-0.02
97		0	11 M1	+2.93	+0.03	+1208.82	+34.04	+24.21	-0.01
97		358	11 M1	+2.93	+0.07	+1122.15	+34.04	+24.21	-0.01
97		0	12 M2	+4.58	+0.03	-806.54	+24.10	+4.25	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
97		358	12 M2	+4.58	+0.03	-821.74	+24.10	+4.25	+0.00
97		0	13 M3	+1.56	+0.00	+1011.49	+32.35	-13.00	-0.01
97		358	13 M3	+1.56	+0.04	+1058.03	+32.35	-13.00	-0.01
97		0	14 M4	-2.28	-0.01	-281.32	+9.42	-21.08	-0.00
97		358	14 M4	-2.28	+0.01	-205.85	+9.42	-21.08	-0.00
97		0	15 M5	-6.03	-0.03	+578.43	+40.64	-4.75	-0.03
97		358	15 M5	-6.03	+0.09	+595.44	+40.64	-4.75	-0.03
97		0	16 M6	+16.57	+0.13	+320.08	+36.37	+5.38	+0.01
97		358	16 M6	+16.57	+0.09	+300.81	+36.37	+5.38	+0.01
97		0	17 M7	+2.19	-0.01	-128.41	+7.22	+12.96	+0.00
97		358	17 M7	+2.19	-0.02	-174.81	+7.22	+12.96	+0.00
97	47	0	M+ A	+63.04	+0.49	+5838.98	+324.95	+24.42	+0.00
97	48	358	M+ A	+63.04	+0.75	+5766.99	+324.95	+29.58	+0.00
97	47	0	M- A	+0.00	+0.00	-441.06	+0.00	-51.26	-0.14
97	48	358	M- A	+0.00	+0.00	-430.52	+0.00	-44.40	-0.14
98	47	0	0 G	+0.00	+0.00	+0.00	+0.18	-35.59	+0.08
98	407	555	0 G	+0.00	-0.43	+177.67	+0.18	-23.12	+0.08
98		0	1 Q1	+0.00	+0.00	+0.00	+0.08	-49.22	+0.03
98		555	1 Q1	+0.00	-0.16	+273.16	+0.08	-49.22	+0.03
98		0	11 M1	+0.00	+0.00	+0.00	+0.05	-28.36	-0.04
98		555	11 M1	+0.00	+0.24	+157.42	+0.05	-28.36	-0.04
98		0	12 M2	+0.00	+0.00	+0.00	-0.01	-0.21	-0.01
98		555	12 M2	+0.00	+0.07	+1.19	-0.01	-0.21	-0.01
98		0	13 M3	+0.00	+0.00	+0.00	+0.06	-7.84	+0.05
98		555	13 M3	+0.00	-0.27	+43.52	+0.06	-7.84	+0.05
98		0	14 M4	+0.00	+0.00	+0.00	+0.04	-0.10	+0.14
98		555	14 M4	+0.00	-0.78	+0.56	+0.04	-0.10	+0.14
98		0	15 M5	+0.00	+0.00	+0.00	+0.21	-18.59	+0.17
98		555	15 M5	+0.00	-0.97	+103.17	+0.21	-18.59	+0.17
98		0	16 M6	+0.00	+0.00	+0.00	-0.11	-23.03	-0.17
98		555	16 M6	+0.00	+0.96	+127.82	-0.11	-23.03	-0.17
98		0	17 M7	+0.00	+0.00	+0.00	-0.02	-0.02	-0.09
98		555	17 M7	+0.00	+0.51	+0.11	-0.02	-0.02	-0.09
98	47	0	M+ A	+0.00	+0.00	+0.00	+0.67	+0.00	+0.40
98	407	555	M+ A	+0.00	+1.02	+841.20	+0.67	+0.00	+0.40
98	47	0	M- A	+0.00	+0.00	+0.00	+0.00	-156.32	-0.18
98	407	555	M- A	+0.00	-2.23	+0.00	+0.00	-139.74	-0.18
99	48	0	0 G	+20.51	+0.31	+802.10	+137.94	+28.83	+0.67
99	49	357	0 G	+20.51	-2.08	+689.98	+137.94	+33.98	+0.67
99		0	1 Q1	+8.08	+0.15	+2234.80	+59.65	+46.30	+0.28
99		357	1 Q1	+8.08	-0.84	+2069.52	+59.65	+46.30	+0.28
99		0	11 M1	+2.93	+0.07	+1122.15	+34.10	+48.78	+0.11
99		357	11 M1	+2.93	-0.31	+948.00	+34.10	+48.78	+0.11
99		0	12 M2	+4.58	+0.03	-821.74	+24.13	+4.48	+0.12
99		357	12 M2	+4.58	-0.39	-837.73	+24.13	+4.48	+0.12
99		0	13 M3	+1.56	+0.04	+1058.03	+32.32	+5.89	+0.07
99		357	13 M3	+1.56	-0.22	+1037.00	+32.32	+5.89	+0.07
99		0	14 M4	-2.28	+0.01	-205.85	+9.28	-21.05	-0.04
99		357	14 M4	-2.28	+0.15	-130.71	+9.28	-21.05	-0.04
99		0	15 M5	-6.03	+0.09	+595.44	+40.49	+20.82	-0.04
99		357	15 M5	-6.03	+0.24	+521.10	+40.49	+20.82	-0.04
99		0	16 M6	+16.57	+0.09	+300.81	+36.57	+14.60	+0.40
99		357	16 M6	+16.57	-1.34	+248.68	+36.57	+14.60	+0.40
99		0	17 M7	+2.19	-0.02	-174.81	+7.32	+13.02	+0.04
99		357	17 M7	+2.19	-0.16	-221.29	+7.32	+13.02	+0.04
99	48	0	M+ A	+63.04	+0.75	+5766.99	+324.71	+174.02	+1.86
99	49	357	M+ A	+63.04	+0.00	+5267.02	+324.71	+180.86	+1.86
99	48	0	M- A	+0.00	+0.00	-430.52	+0.00	-2.74	+0.00
99	49	357	M- A	+0.00	-5.90	-566.61	+0.00	+0.00	+0.00
100	48	0	0 G	+0.00	+0.00	+0.00	+0.71	-35.57	+0.01
100	409	555	0 G	+0.00	-0.03	+177.58	+0.71	-23.10	+0.01
100		0	1 Q1	+0.00	+0.00	+0.00	+0.30	-49.12	-0.00
100		555	1 Q1	+0.00	+0.01	+272.64	+0.30	-49.12	-0.00
100		0	11 M1	+0.00	+0.00	+0.00	+0.12	-24.57	-0.06
100		555	11 M1	+0.00	+0.34	+136.37	+0.12	-24.57	-0.06
100		0	12 M2	+0.00	+0.00	+0.00	+0.12	-0.23	-0.02
100		555	12 M2	+0.00	+0.14	+1.28	+0.12	-0.23	-0.02
100		0	13 M3	+0.00	+0.00	+0.00	+0.09	-18.89	+0.03
100		555	13 M3	+0.00	-0.18	+104.86	+0.09	-18.89	+0.03
100		0	14 M4	+0.00	+0.00	+0.00	-0.03	-0.03	+0.14
100		555	14 M4	+0.00	-0.75	+0.19	-0.03	-0.03	+0.14
100		0	15 M5	+0.00	+0.00	+0.00	-0.01	-25.57	+0.15
100		555	15 M5	+0.00	-0.85	+141.93	-0.01	-25.57	+0.15
100		0	16 M6	+0.00	+0.00	+0.00	+0.39	-9.22	-0.19
100		555	16 M6	+0.00	+1.07	+51.16	+0.39	-9.22	-0.19
100		0	17 M7	+0.00	+0.00	+0.00	+0.04	-0.06	-0.10
100		555	17 M7	+0.00	+0.53	+0.34	+0.04	-0.06	-0.10
100	48	0	M+ A	+0.00	+0.00	+0.00	+1.93	+0.00	+0.24
100	409	555	M+ A	+0.00	+1.59	+817.14	+1.93	+0.00	+0.24
100	48	0	M- A	+0.00	+0.00	+0.00	+0.00	-151.99	-0.29
100	409	555	M- A	+0.00	-1.31	+0.00	+0.00	-135.40	-0.29
101	49	0	0 G	+20.51	-2.08	+689.98	+138.01	+69.76	+2.04
101	50	357	0 G	+20.51	-9.36	+430.54	+138.01	+75.58	+2.04
101		0	1 Q1	+8.08	-0.84	+2069.52	+59.68	+79.00	+0.84
101		357	1 Q1	+8.08	-3.84	+1787.49	+59.68	+79.00	+0.84
101		0	11 M1	+2.93	-0.31	+948.00	+34.17	+67.93	+0.33
101		357	11 M1	+2.93	-1.47	+705.48	+34.17	+67.93	+0.33
101		0	12 M2	+4.58	-0.39	-837.73	+24.17	+4.54	+0.37
101		357	12 M2	+4.58	-1.70	-853.93	+24.17	+4.54	+0.37
101		0	13 M3	+1.56	-0.22	+1037.00	+32.31	+42.54	+0.22
101		357	13 M3	+1.56	-1.01	+885.14	+32.31	+42.54	+0.22
101		0	14 M4	-2.28	+0.15	-130.71	+9.15	-21.07	-0.13
101		357	14 M4	-2.28	+0.61	-55.48	+9.15	-21.07	-0.13
101		0	15 M5	-6.03	+0.24	+521.10	+40.35	+45.80	-0.16
101		357	15 M5	-6.03	+0.82	+357.61	+40.35	+45.80	-0.16
101		0	16 M6	+16.57	-1.34	+248.68	+36.78	+34.09	+1.26
101		357	16 M6	+16.57	-5.84	+126.97	+36.78	+34.09	+1.26
101		0	17 M7	+2.19	-0.16	-221.29	+7.42	+13.05	+0.13
101		357	17 M7	+2.19	-0.62	-267.89	+7.42	+13.05	+0.13
101	49	0	M+ A	+63.04	+0.00	+5267.02	+324.65	+301.34	+5.74
101	50	357	M+ A	+63.04	+0.00	+4313.44	+324.65	+309.07	+5.74
101	49	0	M- A	+0.00	-5.90	-566.61	+0.00	+0.00	+0.00
101	50	357	M- A	+0.00	-26.40	-850.35	+0.00	+0.00	+0.00
102	49	0	0 G	+0.00	+0.00	+0.00	+1.37	-35.79	-0.07
102	411	555	0 G	+0.00	+0.37	+178.78	+1.37	-23.32	-0.07
102		0	1 Q1	+0.00	+0.00	+0.00	+0.57	-32.70	-0.03

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
102		555	1 Q1	+0.00	+0.19	+181.50	+0.57	-32.70	-0.03
102		0	11 M1	+0.00	+0.00	+0.00	+0.22	-19.15	-0.08
102		555	11 M1	+0.00	+0.44	+106.30	+0.22	-19.15	-0.08
102		0	12 M2	+0.00	+0.00	+0.00	+0.25	-0.06	-0.04
102		555	12 M2	+0.00	+0.21	+0.33	+0.25	-0.06	-0.04
102		0	13 M3	+0.00	+0.00	+0.00	+0.15	-36.65	+0.02
102		555	13 M3	+0.00	-0.08	+203.39	+0.15	-36.65	+0.02
102		0	14 M4	+0.00	+0.00	+0.00	-0.09	+0.03	+0.13
102		555	14 M4	+0.00	-0.73	-0.14	-0.09	+0.03	+0.13
102		0	15 M5	+0.00	+0.00	+0.00	-0.12	-24.97	+0.13
102		555	15 M5	+0.00	-0.73	+138.61	-0.12	-24.97	+0.13
102		0	16 M6	+0.00	+0.00	+0.00	+0.86	-19.49	-0.21
102		555	16 M6	+0.00	+1.17	+108.17	+0.86	-19.49	-0.21
102		0	17 M7	+0.00	+0.00	+0.00	+0.09	-0.03	-0.10
102		555	17 M7	+0.00	+0.55	+0.17	+0.09	-0.03	-0.10
102	49	0	M+ A	+0.00	+0.00	+0.00	+3.88	+0.00	+0.13
102	411	555	M+ A	+0.00	+2.49	+787.88	+3.88	+0.00	+0.13
102	49	0	M- A	+0.00	+0.00	+0.00	+0.00	-146.72	-0.45
102	411	555	M- A	+0.00	-0.73	+0.00	+0.00	-130.13	-0.45
103	50	0	0 G	+62.39	+14.95	+1.78	-270.29	-87.84	+3.33
103	51	357	0 G	+62.39	+3.05	+304.98	-270.29	-82.02	+3.33
103		0	1 Q1	+24.79	+6.28	+1230.94	-139.18	-14.53	+1.38
103		357	1 Q1	+24.79	+1.34	+1282.81	-139.18	-14.53	+1.38
103		0	11 M1	+9.68	+2.55	+470.45	-116.35	+15.39	+0.55
103		357	11 M1	+9.68	+0.60	+415.50	-116.35	+15.39	+0.55
103		0	12 M2	+9.74	+2.47	-750.17	-50.97	-25.15	+0.57
103		357	12 M2	+9.74	+0.44	-660.37	-50.97	-25.15	+0.57
103		0	13 M3	+6.99	+1.77	+648.39	-57.86	+5.09	+0.38
103		357	13 M3	+6.99	+0.42	+630.22	-57.86	+5.09	+0.38
103		0	14 M4	-2.87	-0.74	-18.31	+45.09	-2.35	-0.19
103		357	14 M4	-2.87	-0.07	-9.94	+45.09	-2.35	-0.19
103		0	15 M5	+0.35	-0.32	+251.27	-25.21	+15.02	-0.15
103		357	15 M5	+0.35	+0.22	+197.66	-25.21	+15.02	-0.15
103		0	16 M6	+31.94	+8.42	-103.30	-166.01	-43.33	+1.95
103		357	16 M6	+31.94	+1.45	+51.38	-166.01	-43.33	+1.95
103		0	17 M7	+3.57	+0.65	-259.15	-40.81	-9.08	+0.17
103		357	17 M7	+3.57	+0.03	-226.74	-40.81	-9.08	+0.17
103	50	0	M+ A	+164.36	+41.00	+2636.73	+0.00	+0.00	+9.23
103	51	357	M+ A	+164.36	+8.05	+3082.75	+0.00	+0.00	+9.23
103	50	0	M- A	+0.00	+0.00	-1123.47	-796.40	-201.43	+0.00
103	51	357	M- A	+0.00	+0.00	-685.58	-796.40	-193.69	+0.00
104	50	0	0 G	+0.00	+0.00	+0.00	-1.07	-36.38	-0.14
104	413	555	0 G	+0.00	+0.75	+182.07	-1.07	-23.91	-0.14
104		0	1 Q1	+0.00	+0.00	+0.00	-0.45	-28.34	-0.06
104		555	1 Q1	+0.00	+0.35	+157.26	-0.45	-28.34	-0.06
104		0	11 M1	+0.00	+0.00	+0.00	-0.18	-29.89	-0.10
104		555	11 M1	+0.00	+0.53	+165.86	-0.18	-29.89	-0.10
104		0	12 M2	+0.00	+0.00	+0.00	-0.17	+0.17	-0.05
104		555	12 M2	+0.00	+0.27	-0.95	-0.17	+0.17	-0.05
104		0	13 M3	+0.00	+0.00	+0.00	-0.13	-16.85	-0.00
104		555	13 M3	+0.00	+0.01	+93.50	-0.13	-16.85	-0.00
104		0	14 M4	+0.00	+0.00	+0.00	+0.04	+0.08	+0.13
104		555	14 M4	+0.00	-0.70	-0.42	+0.04	+0.08	+0.13
104		0	15 M5	+0.00	+0.00	+0.00	-0.02	-5.17	+0.11
104		555	15 M5	+0.00	-0.62	+28.67	-0.02	-5.17	+0.11
104		0	16 M6	+0.00	+0.00	+0.00	-0.56	-29.28	-0.23
104		555	16 M6	+0.00	+1.27	+162.51	-0.56	-29.28	-0.23
104		0	17 M7	+0.00	+0.00	+0.00	-0.03	+0.02	-0.10
104		555	17 M7	+0.00	+0.57	-0.10	-0.03	+0.02	-0.10
104	50	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.05
104	413	555	M+ A	+0.00	+3.38	+703.26	+0.00	+0.00	+0.05
104	50	0	M- A	+0.00	+0.00	+0.00	-2.87	-131.47	-0.61
104	413	555	M- A	+0.00	-0.30	+0.00	-2.87	-114.88	-0.61
105	50	0	0 G	-47.65	-8.63	+428.76	+452.02	+49.10	-2.36
105	192	379	0 G	-47.65	+0.33	+234.63	+453.45	+53.07	-2.36
105		0	1 Q1	-19.16	-3.84	+556.55	+228.50	+47.01	-0.99
105		379	1 Q1	-19.16	-0.07	+377.92	+228.50	+47.01	-0.99
105		0	11 M1	-7.72	-1.49	+235.03	+169.67	+26.34	-0.41
105		379	11 M1	-7.72	+0.05	+134.96	+169.67	+26.34	-0.41
105		0	12 M2	-6.27	-2.17	-103.76	+80.75	+2.21	-0.37
105		379	12 M2	-6.27	-0.76	-112.16	+80.75	+2.21	-0.37
105		0	13 M3	-6.04	-0.76	+236.74	+103.25	+20.42	-0.29
105		379	13 M3	-6.04	+0.34	+159.14	+103.25	+20.42	-0.29
105		0	14 M4	+1.02	+1.07	-37.17	-40.31	-5.43	+0.10
105		379	14 M4	+1.02	+0.70	-16.54	-40.31	-5.43	+0.10
105		0	15 M5	-5.62	+3.24	+106.34	+73.77	+11.57	-0.03
105		379	15 M5	-5.62	+3.36	+62.39	+73.77	+11.57	-0.03
105		0	16 M6	-19.31	-8.19	+230.27	+227.20	+31.36	-1.25
105		379	16 M6	-19.31	-3.43	+111.12	+227.20	+31.36	-1.25
105		0	17 M7	-1.72	-0.72	-8.73	+52.97	+4.37	-0.08
105		379	17 M7	-1.72	-0.41	-25.35	+52.97	+4.37	-0.08
105	50	0	M+ A	+0.00	+0.00	+1676.71	+1250.46	+175.80	+0.00
105	192	379	M+ A	+0.00	+5.47	+1060.95	+1252.37	+181.08	+0.00
105	50	0	M- A	-118.20	-28.95	+0.00	+0.00	+0.00	-6.36
105	192	379	M- A	-118.20	-4.90	+0.00	+0.00	+0.00	-6.36
106	51	0	0 G	+62.39	+3.05	+304.98	-270.17	-45.81	+0.91
106	52	357	0 G	+62.39	-0.20	+458.16	-270.17	-40.00	+0.91
106		0	1 Q1	+24.79	+1.34	+1282.81	-139.13	+14.20	+0.38
106		357	1 Q1	+24.79	-0.02	+1232.13	-139.13	+14.20	+0.38
106		0	11 M1	+9.68	+0.60	+415.50	-116.27	+30.58	+0.15
106		357	11 M1	+9.68	+0.06	+306.33	-116.27	+30.58	+0.15
106		0	12 M2	+9.74	+0.44	-660.37	-50.93	-25.33	+0.15
106		357	12 M2	+9.74	-0.11	-569.93	-50.93	-25.33	+0.15
106		0	13 M3	+6.99	+0.42	+630.22	-57.86	+20.14	+0.10
106		357	13 M3	+6.99	+0.05	+558.33	-57.86	+20.14	+0.10
106		0	14 M4	-2.87	-0.07	-9.94	+44.98	-2.37	-0.05
106		357	14 M4	-2.87	+0.10	-1.47	+44.98	-2.37	-0.05
106		0	15 M5	+0.35	+0.22	+197.66	-25.31	+14.01	-0.03
106		357	15 M5	+0.35	+0.34	+147.64	-25.31	+14.01	-0.03
106		0	16 M6	+31.94	+1.45	+51.38	-165.81	-18.99	+0.53
106		357	16 M6	+31.94	-0.42	+119.17	-165.81	-18.99	+0.53
106		0	17 M7	+3.57	+0.03	-226.74	-40.72	-9.12	+0.05
106		357	17 M7	+3.57	-0.14	-194.17	-40.72	-9.12	+0.05
106	51	0	M+ A	+164.36	+8.05	+3082.75	+0.00	+19.22	+2.51
106	52	357	M+ A	+164.36	+0.31	+3110.21	+0.00	+25.04	+2.51
106	51	0	M- A	+0.00	+0.00	-685.58	-795.86	-98.93	+0.00
106	52	357	M- A	+0.00	-0.92	-396.74	-795.86	-91.20	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
107	51	0	0 G	+0.00	+0.00	+0.00	-2.42	-36.21	-0.12
107	415	555	0 G	+0.00	+0.67	+181.11	-2.42	-23.74	-0.12
107		0	1 Q1	+0.00	+0.00	+0.00	-1.01	-28.73	-0.05
107		555	1 Q1	+0.00	+0.29	+159.43	-1.01	-28.73	-0.05
107		0	11 M1	+0.00	+0.00	+0.00	-0.40	-15.19	-0.08
107		555	11 M1	+0.00	+0.45	+84.31	-0.40	-15.19	-0.08
107		0	12 M2	+0.00	+0.00	+0.00	-0.42	+0.18	-0.05
107		555	12 M2	+0.00	+0.25	-1.01	-0.42	+0.18	-0.05
107		0	13 M3	+0.00	+0.00	+0.00	-0.27	-15.05	+0.00
107		555	13 M3	+0.00	-0.01	+83.52	-0.27	-15.05	+0.00
107		0	14 M4	+0.00	+0.00	+0.00	+0.14	+0.03	+0.11
107		555	14 M4	+0.00	-0.63	-0.15	+0.14	+0.03	+0.11
107		0	15 M5	+0.00	+0.00	+0.00	+0.12	+1.01	+0.10
107		555	15 M5	+0.00	-0.58	-5.58	+0.12	+1.01	+0.10
107		0	16 M6	+0.00	+0.00	+0.00	-1.43	-24.34	-0.21
107		555	16 M6	+0.00	+1.14	+135.08	-1.43	-24.34	-0.21
107		0	17 M7	+0.00	+0.00	+0.00	-0.13	+0.05	-0.10
107		555	17 M7	+0.00	+0.53	-0.25	-0.13	+0.05	-0.10
107	51	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.05
107	415	555	M+ A	+0.00	+2.99	+658.72	+0.00	+0.00	+0.05
107	51	0	M- A	+0.00	+0.00	+0.00	-6.72	-123.44	-0.54
107	415	555	M- A	+0.00	-0.28	+0.00	-6.72	-106.86	-0.54
108	52	0	0 G	+62.39	-0.20	+458.16	-270.06	-4.22	+0.09
108	53	357	0 G	+62.39	-0.52	+464.03	-270.06	+0.92	+0.09
108		0	1 Q1	+24.79	-0.02	+1232.13	-139.09	+42.61	+0.07
108		357	1 Q1	+24.79	-0.26	+1080.00	-139.09	+42.61	+0.07
108		0	11 M1	+9.68	+0.06	+306.33	-116.20	+30.75	+0.05
108		357	11 M1	+9.68	-0.10	+196.54	-116.20	+30.75	+0.05
108		0	12 M2	+9.74	-0.11	-569.93	-50.89	-25.30	-0.01
108		357	12 M2	+9.74	-0.09	-479.61	-50.89	-25.30	-0.01
108		0	13 M3	+6.99	+0.05	+558.33	-57.86	+41.18	+0.04
108		357	13 M3	+6.99	-0.07	+411.30	-57.86	+41.18	+0.04
108		0	14 M4	-2.87	+0.10	-1.47	+44.87	-2.37	+0.02
108		357	14 M4	-2.87	+0.03	+6.99	+44.87	-2.37	+0.02
108		0	15 M5	+0.35	+0.34	+147.64	-25.41	+13.55	+0.08
108		357	15 M5	+0.35	+0.06	+99.27	-25.41	+13.55	+0.08
108		0	16 M6	+31.94	-0.42	+119.17	-165.63	-11.11	-0.01
108		357	16 M6	+31.94	-0.40	+158.83	-165.63	-11.11	-0.01
108		0	17 M7	+3.57	-0.14	-194.17	-40.63	-9.12	-0.04
108		357	17 M7	+3.57	+0.01	-161.62	-40.63	-9.12	-0.04
108	52	0	M+ A	+164.36	+0.31	+3110.21	+0.00	+115.08	+0.33
108	53	357	M+ A	+164.36	+0.00	+2692.12	+0.00	+120.53	+0.33
108	52	0	M- A	+0.00	-0.92	-396.74	-795.39	-43.56	+0.00
108	53	357	M- A	+0.00	-1.65	-255.38	-795.39	-37.03	+0.00
109	52	0	0 G	+0.00	+0.00	+0.00	-0.82	-35.78	-0.11
109	417	555	0 G	+0.00	+0.59	+178.75	-0.82	-23.31	-0.11
109		0	1 Q1	+0.00	+0.00	+0.00	-0.31	-28.41	-0.04
109		555	1 Q1	+0.00	+0.23	+157.70	-0.31	-28.41	-0.04
109		0	11 M1	+0.00	+0.00	+0.00	-0.11	-0.17	-0.07
109		555	11 M1	+0.00	+0.37	+0.96	-0.11	-0.17	-0.07
109		0	12 M2	+0.00	+0.00	+0.00	-0.16	-0.03	-0.04
109		555	12 M2	+0.00	+0.23	+0.18	-0.16	-0.03	-0.04
109		0	13 M3	+0.00	+0.00	+0.00	-0.07	-21.05	+0.00
109		555	13 M3	+0.00	-0.02	+116.80	-0.07	-21.05	+0.00
109		0	14 M4	+0.00	+0.00	+0.00	+0.07	-0.00	+0.10
109		555	14 M4	+0.00	-0.57	+0.02	+0.07	-0.00	+0.10
109		0	15 M5	+0.00	+0.00	+0.00	+0.11	+0.46	+0.10
109		555	15 M5	+0.00	-0.54	-2.57	+0.11	+0.46	+0.10
109		0	16 M6	+0.00	+0.00	+0.00	-0.53	-7.88	-0.18
109		555	16 M6	+0.00	+1.01	+43.74	-0.53	-7.88	-0.18
109		0	17 M7	+0.00	+0.00	+0.00	-0.09	-0.01	-0.09
109		555	17 M7	+0.00	+0.50	+0.05	-0.09	-0.01	-0.09
109	52	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.05
109	417	555	M+ A	+0.00	+2.61	+625.84	+0.00	+0.00	+0.05
109	52	0	M- A	+0.00	+0.00	+0.00	-2.31	-117.52	-0.47
109	417	555	M- A	+0.00	-0.26	+0.00	-2.31	-100.93	-0.47
110	53	0	0 G	+62.39	-0.52	+464.03	-269.98	+36.60	-0.11
110	54	357	0 G	+62.39	-0.14	+324.20	-269.98	+41.74	-0.11
110		0	1 Q1	+24.79	-0.26	+1080.00	-139.06	+70.73	+0.07
110		357	1 Q1	+24.79	-0.50	+827.48	-139.06	+70.73	+0.07
110		0	11 M1	+9.68	-0.10	+196.54	-116.15	+29.73	+0.08
110		357	11 M1	+9.68	-0.39	+90.42	-116.15	+29.73	+0.08
110		0	12 M2	+9.74	-0.09	-479.61	-50.85	-25.13	-0.07
110		357	12 M2	+9.74	+0.17	-389.88	-50.85	-25.13	-0.07
110		0	13 M3	+6.99	-0.07	+411.30	-57.87	+44.92	+0.07
110		357	13 M3	+6.99	-0.32	+250.94	-57.87	+44.92	+0.07
110		0	14 M4	-2.87	+0.03	+6.99	+44.78	-2.37	+0.08
110		357	14 M4	-2.87	-0.27	+15.45	+44.78	-2.37	+0.08
110		0	15 M5	+0.35	+0.06	+99.27	-25.50	+13.53	+0.21
110		357	15 M5	+0.35	-0.69	+50.98	-25.50	+13.53	+0.21
110		0	16 M6	+31.94	-0.40	+158.83	-165.47	+9.43	-0.17
110		357	16 M6	+31.94	+0.21	+125.15	-165.47	+9.43	-0.17
110		0	17 M7	+3.57	+0.01	-161.62	-40.55	-9.06	-0.15
110		357	17 M7	+3.57	+0.55	-129.28	-40.55	-9.06	-0.15
110	53	0	M+ A	+164.36	+0.00	+2692.12	+0.00	+211.54	+0.30
110	54	357	M+ A	+164.36	+0.68	+1924.71	+0.00	+218.38	+0.30
110	53	0	M- A	+0.00	-1.65	-255.38	-795.02	-1.11	-0.40
110	54	357	M- A	+0.00	-1.89	-260.61	-795.02	+0.00	-0.40
111	53	0	0 G	+0.00	+0.00	+0.00	-0.20	-35.67	-0.08
111	419	555	0 G	+0.00	+0.45	+178.14	-0.20	-23.20	-0.08
111		0	1 Q1	+0.00	+0.00	+0.00	-0.00	-28.12	-0.03
111		555	1 Q1	+0.00	+0.14	+156.06	-0.00	-28.12	-0.03
111		0	11 M1	+0.00	+0.00	+0.00	+0.03	+1.03	-0.05
111		555	11 M1	+0.00	+0.27	-5.70	+0.03	+1.03	-0.05
111		0	12 M2	+0.00	+0.00	+0.00	-0.07	-0.17	-0.04
111		555	12 M2	+0.00	+0.20	+0.92	-0.07	-0.17	-0.04
111		0	13 M3	+0.00	+0.00	+0.00	+0.03	-3.74	+0.01
111		555	13 M3	+0.00	-0.05	+20.73	+0.03	-3.74	+0.01
111		0	14 M4	+0.00	+0.00	+0.00	+0.06	-0.00	+0.09
111		555	14 M4	+0.00	-0.49	+0.00	+0.06	-0.00	+0.09
111		0	15 M5	+0.00	+0.00	+0.00	+0.13	+0.02	+0.09
111		555	15 M5	+0.00	-0.51	-0.11	+0.13	+0.02	+0.09
111		0	16 M6	+0.00	+0.00	+0.00	-0.17	-20.54	-0.15
111		555	16 M6	+0.00	+0.85	+114.01	-0.17	-20.54	-0.15
111		0	17 M7	+0.00	+0.00	+0.00	-0.11	-0.05	-0.08
111		555	17 M7	+0.00	+0.45	+0.30	-0.11	-0.05	-0.08
111	53	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.06

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
111	419	555	M+ A	+0.00	+2.07	+618.62	+0.00	+0.00	+0.06
111	53	0	M- A	+0.00	+0.00	+0.00	-0.51	-116.22	-0.37
111	419	555	M- A	+0.00	-0.32	+0.00	-0.51	-99.63	-0.37
112	54	0	0 G	+62.39	-0.14	+324.20	-269.92	+77.42	-0.69
112	55	358	0 G	+62.39	+2.34	+37.80	-269.92	+82.58	-0.69
112		0	1 Q1	+24.79	-0.50	+827.48	-139.06	+99.14	-0.10
112		358	1 Q1	+24.79	-0.15	+472.57	-139.06	+99.14	-0.10
112		0	11 M1	+9.68	-0.39	+90.42	-116.12	+29.59	+0.04
112		358	11 M1	+9.68	-0.55	-15.52	-116.12	+29.59	+0.04
112		0	12 M2	+9.74	+0.17	-389.88	-50.82	-25.13	-0.18
112		358	12 M2	+9.74	+0.81	-299.92	-50.82	-25.13	-0.18
112		0	13 M3	+6.99	-0.32	+250.94	-57.89	+43.93	+0.04
112		358	13 M3	+6.99	-0.47	+93.66	-57.89	+43.93	+0.04
112		0	14 M4	-2.87	-0.27	+15.45	+44.71	-2.37	+0.14
112		358	14 M4	-2.87	-0.79	+23.93	+44.71	-2.37	+0.14
112		0	15 M5	+0.35	-0.69	+50.98	-25.59	+13.55	+0.27
112		358	15 M5	+0.35	-1.64	+2.47	-25.59	+13.55	+0.27
112		0	16 M6	+31.94	+0.21	+125.15	-165.35	+38.45	-0.47
112		358	16 M6	+31.94	+1.89	-12.48	-165.35	+38.45	-0.47
112		0	17 M7	+3.57	+0.55	-129.28	-40.47	-9.06	-0.26
112		358	17 M7	+3.57	+1.47	-96.84	-40.47	-9.06	-0.26
112	54	0	M+ A	+164.36	+0.68	+1924.71	+0.00	+302.71	+0.00
112	55	358	M+ A	+164.36	+5.95	+828.75	+0.00	+309.56	+0.00
112	54	0	M- A	+0.00	-1.89	-260.61	-794.75	+0.00	-1.76
112	55	358	M- A	+0.00	-0.32	-412.08	-794.75	+0.00	-1.76
113	54	0	0 G	+0.00	+0.00	+0.00	-0.59	-35.68	-0.06
113	421	555	0 G	+0.00	+0.31	+178.20	-0.59	-23.21	-0.06
113		0	1 Q1	+0.00	+0.00	+0.00	-0.16	-28.40	-0.01
113		555	1 Q1	+0.00	+0.05	+157.65	-0.16	-28.40	-0.01
113		0	11 M1	+0.00	+0.00	+0.00	-0.04	+0.14	-0.03
113		555	11 M1	+0.00	+0.17	-0.75	-0.04	+0.14	-0.03
113		0	12 M2	+0.00	+0.00	+0.00	-0.11	-0.01	-0.03
113		555	12 M2	+0.00	+0.18	+0.05	-0.11	-0.01	-0.03
113		0	13 M3	+0.00	+0.00	+0.00	-0.03	+0.99	+0.01
113		555	13 M3	+0.00	-0.08	-5.47	-0.03	+0.99	+0.01
113		0	14 M4	+0.00	+0.00	+0.00	+0.06	-0.00	+0.08
113		555	14 M4	+0.00	-0.42	+0.01	+0.06	-0.00	+0.08
113		0	15 M5	+0.00	+0.00	+0.00	+0.06	-0.02	+0.09
113		555	15 M5	+0.00	-0.49	+0.11	+0.06	-0.02	+0.09
113		0	16 M6	+0.00	+0.00	+0.00	-0.30	-29.01	-0.12
113		555	16 M6	+0.00	+0.69	+161.02	-0.30	-29.01	-0.12
113		0	17 M7	+0.00	+0.00	+0.00	-0.11	+0.00	-0.07
113		555	17 M7	+0.00	+0.42	-0.00	-0.11	+0.00	-0.07
113	54	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.08
113	421	555	M+ A	+0.00	+1.51	+691.36	+0.00	+0.00	+0.08
113	54	0	M- A	+0.00	+0.00	+0.00	-1.45	-129.32	-0.27
113	421	555	M- A	+0.00	-0.42	+0.00	-1.45	-112.74	-0.27
114	55	0	0 G	+62.39	+2.34	+37.80	-269.89	+117.52	-1.78
114	56	357	0 G	+62.39	+8.70	-390.91	-269.89	+122.66	-1.78
114		0	1 Q1	+24.79	-0.15	+472.57	-139.06	+127.59	-0.80
114		357	1 Q1	+24.79	+2.69	+17.09	-139.06	+127.59	-0.80
114		0	11 M1	+9.68	-0.55	-15.52	-116.11	+29.42	-0.35
114		357	11 M1	+9.68	+0.72	-120.55	-116.11	+29.42	-0.35
114		0	12 M2	+9.74	+0.81	-299.92	-50.79	-25.31	-0.21
114		357	12 M2	+9.74	+1.56	-209.57	-50.79	-25.31	-0.21
114		0	13 M3	+6.99	-0.47	+93.66	-57.91	+43.42	-0.28
114		357	13 M3	+6.99	+0.52	-61.33	-57.91	+43.42	-0.28
114		0	14 M4	-2.87	-0.79	+23.93	+44.65	-2.33	-0.01
114		357	14 M4	-2.87	-0.75	+32.23	+44.65	-2.33	-0.01
114		0	15 M5	+0.35	-1.64	+2.47	-25.67	+13.44	-0.28
114		357	15 M5	+0.35	-0.65	-45.52	-25.67	+13.44	-0.28
114		0	16 M6	+31.94	+1.89	-12.48	-165.25	+61.42	-0.72
114		357	16 M6	+31.94	+4.47	-231.77	-165.25	+61.42	-0.72
114		0	17 M7	+3.57	+1.47	-96.84	-40.40	-9.12	+0.03
114		357	17 M7	+3.57	+1.36	-64.28	-40.40	-9.12	+0.03
114	55	0	M+ A	+164.36	+5.95	+828.75	+0.00	+420.68	+0.00
114	56	357	M+ A	+164.36	+21.91	+0.00	+0.00	+427.52	+0.00
114	55	0	M- A	+0.00	-0.32	-412.08	-794.57	+0.00	-4.53
114	56	357	M- A	+0.00	+0.00	-867.56	-794.57	+0.00	-4.53
115	55	0	0 G	+0.00	+0.00	+0.00	-1.09	-34.94	-0.03
115	423	555	0 G	+0.00	+0.17	+174.06	-1.09	-22.47	-0.03
115		0	1 Q1	+0.00	+0.00	+0.00	-0.70	-28.45	+0.01
115		555	1 Q1	+0.00	-0.05	+157.90	-0.70	-28.45	+0.01
115		0	11 M1	+0.00	+0.00	+0.00	-0.40	+0.17	-0.01
115		555	11 M1	+0.00	+0.07	-0.94	-0.40	+0.17	-0.01
115		0	12 M2	+0.00	+0.00	+0.00	-0.03	+0.18	-0.03
115		555	12 M2	+0.00	+0.15	-1.02	-0.03	+0.18	-0.03
115		0	13 M3	+0.00	+0.00	+0.00	-0.32	+0.52	+0.02
115		555	13 M3	+0.00	-0.11	-2.86	-0.32	+0.52	+0.02
115		0	14 M4	+0.00	+0.00	+0.00	-0.15	-0.04	+0.06
115		555	14 M4	+0.00	-0.35	+0.22	-0.15	-0.04	+0.06
115		0	15 M5	+0.00	+0.00	+0.00	-0.54	+0.10	+0.08
115		555	15 M5	+0.00	-0.47	-0.58	-0.54	+0.10	+0.08
115		0	16 M6	+0.00	+0.00	+0.00	-0.25	-22.98	-0.10
115		555	16 M6	+0.00	+0.53	+127.53	-0.25	-22.98	-0.10
115		0	17 M7	+0.00	+0.00	+0.00	+0.29	+0.06	-0.07
115		555	17 M7	+0.00	+0.38	-0.34	+0.29	+0.06	-0.07
115	55	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.11
115	423	555	M+ A	+0.00	+1.03	+635.96	+0.00	+0.00	+0.11
115	55	0	M- A	+0.00	+0.00	+0.00	-3.21	-119.34	-0.19
115	423	555	M- A	+0.00	-0.59	+0.00	-3.21	-102.76	-0.19
116	56	0	0 G	+62.39	+8.70	-390.91	-269.88	+156.61	-0.58
116	57	357	0 G	+62.39	+10.77	-959.20	-269.88	+161.76	-0.58
116		0	1 Q1	+24.79	+2.69	+17.09	-139.09	+155.98	-1.59
116		357	1 Q1	+24.79	+8.38	-539.76	-139.09	+155.98	-1.59
116		0	11 M1	+9.68	+0.72	-120.55	-116.12	+29.04	-1.24
116		357	11 M1	+9.68	+5.16	-224.20	-116.12	+29.04	-1.24
116		0	12 M2	+9.74	+1.56	-209.57	-50.77	-25.75	+0.54
116		357	12 M2	+9.74	-0.38	-117.65	-50.77	-25.75	+0.54
116		0	13 M3	+6.99	+0.52	-61.33	-57.93	+43.14	-1.03
116		357	13 M3	+6.99	+4.22	-215.34	-57.93	+43.14	-1.03
116		0	14 M4	-2.87	-0.75	+32.23	+44.59	-2.25	-0.91
116		357	14 M4	-2.87	+2.50	+40.26	+44.59	-2.25	-0.91
116		0	15 M5	+0.35	-0.65	-45.52	-25.75	+13.27	-2.34
116		357	15 M5	+0.35	+7.72	-92.88	-25.75	+13.27	-2.34
116		0	16 M6	+31.94	+4.47	-231.77	-165.18	+68.66	+0.84

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
116		357	16 M6	+31.94	+1.46	-476.90	-165.18	+68.66	+0.84
116		0	17 M7	+3.57	+1.36	-64.28	-40.34	-9.25	+1.71
116		357	17 M7	+3.57	-4.74	-31.25	-40.34	-9.25	+1.71
116	56	0	M+ A	+164.36	+21.91	+0.00	+0.00	+521.86	+1.98
116	57	357	M+ A	+164.36	+37.22	+0.00	+0.00	+528.70	+1.98
116	56	0	M- A	+0.00	+0.00	-867.56	-794.49	+0.00	-6.44
116	57	357	M- A	+0.00	+0.00	-2719.75	-794.49	+0.00	-6.44
117	56	0	0 G	+0.00	+0.00	+0.00	+1.20	-33.96	-0.01
117	425	555	0 G	+0.00	+0.05	+168.61	+1.20	-21.49	-0.01
117		0	1 Q1	+0.00	+0.00	+0.00	-0.80	-28.39	+0.03
117		555	1 Q1	+0.00	-0.14	+157.56	-0.80	-28.39	+0.03
117		0	11 M1	+0.00	+0.00	+0.00	-0.89	+0.39	+0.01
117		555	11 M1	+0.00	-0.04	-2.14	-0.89	+0.39	+0.01
117		0	12 M2	+0.00	+0.00	+0.00	+0.75	+0.44	-0.02
117		555	12 M2	+0.00	+0.12	-2.43	+0.75	+0.44	-0.02
117		0	13 M3	+0.00	+0.00	+0.00	-0.76	+0.28	+0.02
117		555	13 M3	+0.00	-0.14	-1.54	-0.76	+0.28	+0.02
117		0	14 M4	+0.00	+0.00	+0.00	-0.90	-0.08	+0.05
117		555	14 M4	+0.00	-0.28	+0.44	-0.90	-0.08	+0.05
117		0	15 M5	+0.00	+0.00	+0.00	-2.07	+0.18	+0.08
117		555	15 M5	+0.00	-0.45	-0.99	-2.07	+0.18	+0.08
117		0	16 M6	+0.00	+0.00	+0.00	+1.56	-7.24	-0.07
117		555	16 M6	+0.00	+0.38	+40.18	+1.56	-7.24	-0.07
117		0	17 M7	+0.00	+0.00	+0.00	+1.68	+0.13	-0.06
117		555	17 M7	+0.00	+0.35	-0.72	+1.68	+0.13	-0.06
117	56	0	M+ A	+0.00	+0.00	+0.00	+4.12	+0.00	+0.15
117	425	555	M+ A	+0.00	+0.63	+497.23	+4.12	+0.00	+0.15
117	56	0	M- A	+0.00	+0.00	+0.00	-2.97	-94.35	-0.11
117	425	555	M- A	+0.00	-0.81	+0.00	-2.97	-77.76	-0.11
118	57	0	0 G	+62.39	+10.77	-959.20	-269.90	+211.89	+11.64
118	58	357	0 G	+62.39	-30.80	-1726.56	-269.90	+218.00	+11.64
118		0	1 Q1	+24.79	+8.38	-539.76	-139.13	+186.64	+0.93
118		357	1 Q1	+24.79	+5.06	-1206.04	-139.13	+186.64	+0.93
118		0	11 M1	+9.68	+5.16	-224.20	-116.14	+32.56	-1.28
118		357	11 M1	+9.68	+9.74	-340.45	-116.14	+32.56	-1.28
118		0	12 M2	+9.74	-0.38	-117.65	-50.75	-23.05	+3.31
118		357	12 M2	+9.74	-12.19	-35.35	-50.75	-23.05	+3.31
118		0	13 M3	+6.99	+4.22	-215.34	-57.96	+45.90	-1.19
118		357	13 M3	+6.99	+8.48	-379.21	-57.96	+45.90	-1.19
118		0	14 M4	-2.87	+2.50	+40.26	+44.56	-2.93	-2.84
118		357	14 M4	-2.87	+12.63	+50.72	+44.56	-2.93	-2.84
118		0	15 M5	+0.35	+7.72	-92.88	-25.82	+14.87	-5.35
118		357	15 M5	+0.35	+26.80	-145.96	-25.82	+14.87	-5.35
118		0	16 M6	+31.94	+1.46	-476.90	-165.14	+93.46	+8.11
118		357	16 M6	+31.94	-27.49	-810.54	-165.14	+93.46	+8.11
118		0	17 M7	+3.57	-4.74	-31.25	-40.29	-8.28	+5.20
118		357	17 M7	+3.57	-23.31	-1.69	-40.29	-8.28	+5.20
118	57	0	M+ A	+164.36	+37.22	+0.00	+0.00	+673.96	+28.91
118	58	357	M+ A	+164.36	+16.23	+0.00	+0.00	+682.09	+28.91
118	57	0	M- A	+0.00	+0.00	-2719.75	-794.51	+0.00	+0.00
118	58	357	M- A	+0.00	-82.20	-5140.29	-794.51	+0.00	+0.00
119	57	0	0 G	+0.00	+0.00	+0.00	+12.22	-50.14	+0.02
119	427	555	0 G	+0.00	-0.09	+258.43	+12.22	-37.67	+0.02
119		0	1 Q1	+0.00	+0.00	+0.00	+2.53	-30.66	+0.04
119		555	1 Q1	+0.00	-0.22	+170.15	+2.53	-30.66	+0.04
119		0	11 M1	+0.00	+0.00	+0.00	-0.04	-3.53	+0.02
119		555	11 M1	+0.00	-0.13	+19.57	-0.04	-3.53	+0.02
119		0	12 M2	+0.00	+0.00	+0.00	+2.77	-2.69	-0.02
119		555	12 M2	+0.00	+0.09	+14.95	+2.77	-2.69	-0.02
119		0	13 M3	+0.00	+0.00	+0.00	-0.16	-2.76	+0.03
119		555	13 M3	+0.00	-0.15	+15.34	-0.16	-2.76	+0.03
119		0	14 M4	+0.00	+0.00	+0.00	-1.93	+0.68	+0.04
119		555	14 M4	+0.00	-0.20	-3.79	-1.93	+0.68	+0.04
119		0	15 M5	+0.00	+0.00	+0.00	-3.00	-1.60	+0.07
119		555	15 M5	+0.00	-0.40	+8.88	-3.00	-1.60	+0.07
119		0	16 M6	+0.00	+0.00	+0.00	+7.27	-24.79	-0.04
119		555	16 M6	+0.00	+0.22	+137.60	+7.27	-24.79	-0.04
119		0	17 M7	+0.00	+0.00	+0.00	+3.49	-0.97	-0.05
119		555	17 M7	+0.00	+0.29	+5.39	+3.49	-0.97	-0.05
119	57	0	M+ A	+0.00	+0.00	+0.00	+30.57	+0.00	+0.18
119	427	555	M+ A	+0.00	+0.35	+779.81	+30.57	+0.00	+0.18
119	57	0	M- A	+0.00	+0.00	+0.00	+0.00	-145.26	-0.06
119	427	555	M- A	+0.00	-1.01	+0.00	+0.00	-128.68	-0.06
120	58	0	0 G	-64.26	-72.48	-1703.50	-290.75	-213.70	-20.78
120	59	355	0 G	-64.26	+1.30	-955.66	-290.75	-207.62	-20.78
120		0	1 Q1	-28.48	-47.26	-94.32	-272.12	+54.61	-12.10
120		355	1 Q1	-28.48	-4.32	-288.20	-272.12	+54.61	-12.10
120		0	11 M1	-12.67	-27.04	-7.83	-166.04	+28.79	-6.53
120		355	11 M1	-12.67	-3.88	-110.03	-166.04	+28.79	-6.53
120		0	12 M2	-8.80	-1.87	-714.99	+20.39	-124.89	-1.18
120		355	12 M2	-8.80	+2.31	-271.63	+20.39	-124.89	-1.18
120		0	13 M3	-6.90	-20.95	+21.02	-111.26	+27.81	-5.11
120		355	13 M3	-6.90	-2.81	-77.71	-111.26	+27.81	-5.11
120		0	14 M4	+2.43	-9.51	-4.22	+40.25	-6.70	-1.87
120		355	14 M4	+2.43	-2.88	+19.57	+40.25	-6.70	-1.87
120		0	15 M5	-5.82	-35.34	-1.65	-68.05	+12.65	-7.85
120		355	15 M5	-5.82	-7.46	-46.54	-68.05	+12.65	-7.85
120		0	16 M6	-32.52	-18.91	-841.05	-157.87	-99.50	-6.35
120		355	16 M6	-32.52	+3.62	-487.84	-157.87	-99.50	-6.35
120		0	17 M7	+1.88	+20.26	-117.65	-9.38	-13.74	+3.97
120		355	17 M7	+1.88	+6.17	-68.89	-9.38	-13.74	+3.97
120	58	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
120	59	355	M+ A	+0.00	+10.98	+0.00	+0.00	+0.00	+0.00
120	58	0	M- A	-172.69	-213.20	-3654.56	-1003.13	-471.55	-55.75
120	59	355	M- A	-172.69	-15.72	-2391.86	-1003.13	-463.47	-55.75
121	58	0	0 G	+3.30	+45.28	+680.68	+182.27	+23.97	+18.59
121	429	555	0 G	+3.30	-57.87	+497.33	+182.27	+47.42	+18.59
121		0	1 Q1	+24.56	+56.14	+280.21	+72.57	+14.89	+23.03
121		555	1 Q1	+24.56	-71.68	+197.60	+72.57	+14.89	+23.03
121		0	11 M1	+2.58	+39.42	+141.10	+28.92	+14.10	+16.17
121		555	11 M1	+2.58	-50.30	+62.85	+28.92	+14.10	+16.17
121		0	12 M2	-8.35	-11.12	+125.13	+25.43	+11.78	-4.55
121		555	12 M2	-8.35	+14.11	+59.78	+25.43	+11.78	-4.55
121		0	13 M3	+1.90	+31.76	+110.11	+21.95	+11.06	+13.03
121		555	13 M3	+1.90	-40.54	+48.75	+21.95	+11.06	+13.03
121		0	14 M4	+0.48	+23.88	-30.39	-5.47	-3.17	+9.79

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
121		555	14 M4	+0.48	-30.46	-12.78	-5.47	-3.17	+9.79
121		0	15 M5	+3.45	+66.62	+56.89	+13.57	+5.37	+27.33
121		555	15 M5	+3.45	-85.05	+27.10	+13.57	+5.37	+27.33
121		0	16 M6	-0.35	-9.61	+249.94	+80.97	-1.46	-3.91
121		555	16 M6	-0.35	+12.12	+258.06	+80.97	-1.46	-3.91
121		0	17 M7	-1.84	-46.10	+47.70	+7.68	+5.07	-18.93
121		555	17 M7	-1.84	+58.95	+19.57	+7.68	+5.07	-18.93
121	58	0	M+ A	+42.73	+235.94	+1658.50	+461.86	+73.13	+96.80
121	429	555	M+ A	+42.73	+30.55	+1315.30	+461.86	+104.31	+96.80
121	58	0	M- A	-9.22	-23.87	+0.00	+0.00	+0.00	-9.80
121	429	555	M- A	-9.22	-301.30	+0.00	+0.00	+0.00	-9.80
122	58	0	0 G	-3.60	+3097.76	-26.37	-519.03	-2.27	+214.70
122	257	753	0 G	-3.60	+1481.07	-9.29	-491.15	-2.27	+214.70
122		0	1 Q1	-3.82	+1238.51	-1136.28	-257.15	-109.96	+85.60
122		753	1 Q1	-3.82	+593.93	-308.31	-257.15	-109.96	+85.60
122		0	11 M1	-2.65	+494.27	-335.20	-166.93	-33.74	+34.16
122		753	11 M1	-2.65	+237.06	-81.17	-166.93	-33.74	+34.16
122		0	12 M2	+0.79	+433.96	+687.99	-47.47	+66.60	+29.91
122		753	12 M2	+0.79	+208.71	+186.50	-47.47	+66.60	+29.91
122		0	13 M3	-2.32	+374.55	-402.13	-111.66	-40.27	+25.86
122		753	13 M3	-2.32	+179.80	-98.87	-111.66	-40.27	+25.86
122		0	14 M4	-1.73	-93.88	+54.46	+37.80	+5.48	-6.44
122		753	14 M4	-1.73	-45.37	+13.23	+37.80	+5.48	-6.44
122		0	15 M5	-4.48	+230.82	-147.76	-73.12	-14.90	+16.08
122		753	15 M5	-4.48	+109.77	-35.57	-73.12	-14.90	+16.08
122		0	16 M6	+1.03	+1381.72	+30.87	-209.42	+3.36	+95.43
122		753	16 M6	+1.03	+663.13	+5.55	-209.42	+3.36	+95.43
122		0	17 M7	+2.53	+130.41	+117.80	-42.42	+11.98	+8.92
122		753	17 M7	+2.53	+63.27	+27.62	-42.42	+11.98	+8.92
122	58	0	M+ A	+0.20	+7864.58	+1005.61	+0.00	+97.63	+544.26
122	257	753	M+ A	+0.20	+3766.33	+270.46	+0.00	+97.63	+544.26
122	58	0	M- A	-16.67	+0.00	-2172.26	-1351.59	-211.87	+0.00
122	257	753	M- A	-16.67	+0.00	-576.88	-1314.51	-211.87	+0.00
123	59	0	0 G	-64.26	+1.30	-955.66	-290.84	-157.44	-2.78
123	60	355	0 G	-64.26	+11.17	-405.82	-290.84	-152.33	-2.78
123		0	1 Q1	-28.48	-4.32	-288.20	-272.23	+63.15	-2.58
123		355	1 Q1	-28.48	+4.83	-512.37	-272.23	+63.15	-2.58
123		0	11 M1	-12.67	-3.88	-110.03	-166.12	+32.20	-1.68
123		355	11 M1	-12.67	+2.10	-224.35	-166.12	+32.20	-1.68
123		0	12 M2	-8.80	+2.31	-271.63	+20.41	-107.49	+0.27
123		355	12 M2	-8.80	+1.35	+109.96	+20.41	-107.49	+0.27
123		0	13 M3	-6.90	-2.81	-77.71	-111.31	+30.40	-1.31
123		355	13 M3	-6.90	+1.84	-185.64	-111.31	+30.40	-1.31
123		0	14 M4	+2.43	-2.88	+19.57	+40.23	-7.37	-0.85
123		355	14 M4	+2.43	+0.14	+45.72	+40.23	-7.37	-0.85
123		0	15 M5	-5.82	-7.46	-46.54	-68.13	+14.20	-2.59
123		355	15 M5	-5.82	+1.75	-96.95	-68.13	+14.20	-2.59
123		0	16 M6	-32.52	+3.62	-487.84	-157.89	-74.64	-0.18
123		355	16 M6	-32.52	+4.25	-222.86	-157.89	-74.64	-0.18
123		0	17 M7	+1.88	+6.17	-68.89	-9.33	-12.71	+1.74
123		355	17 M7	+1.88	-0.02	-23.77	-9.33	-12.71	+1.74
123	59	0	M+ A	+0.00	+10.98	+0.00	+0.00	+0.00	+0.00
123	60	355	M+ A	+0.00	+27.75	+0.00	+0.00	+0.00	+0.00
123	59	0	M- A	-172.69	-15.72	-2391.86	-1003.49	-370.63	-11.07
123	60	355	M- A	-172.69	+0.00	-1567.97	-1003.49	-363.83	-11.07
124	59	0	0 G	+0.00	+0.00	+0.00	+18.00	-50.18	+0.08
124	431	555	0 G	+0.00	-0.47	+258.65	+18.00	-37.71	+0.08
124		0	1 Q1	+0.00	+0.00	+0.00	+9.52	-8.54	+0.11
124		555	1 Q1	+0.00	-0.60	+47.38	+9.52	-8.54	+0.11
124		0	11 M1	+0.00	+0.00	+0.00	+4.84	-3.41	+0.07
124		555	11 M1	+0.00	-0.40	+18.95	+4.84	-3.41	+0.07
124		0	12 M2	+0.00	+0.00	+0.00	+1.45	-17.40	-0.02
124		555	12 M2	+0.00	+0.12	+96.56	+1.45	-17.40	-0.02
124		0	13 M3	+0.00	+0.00	+0.00	+3.80	-2.59	+0.05
124		555	13 M3	+0.00	-0.28	+14.39	+3.80	-2.59	+0.05
124		0	14 M4	+0.00	+0.00	+0.00	+1.02	+0.67	+0.02
124		555	14 M4	+0.00	-0.09	-3.69	+1.02	+0.67	+0.02
124		0	15 M5	+0.00	+0.00	+0.00	+5.26	-1.55	+0.08
124		555	15 M5	+0.00	-0.44	+8.61	+5.26	-1.55	+0.08
124		0	16 M6	+0.00	+0.00	+0.00	+6.17	-24.85	+0.02
124		555	16 M6	+0.00	-0.09	+137.93	+6.17	-24.85	+0.02
124		0	17 M7	+0.00	+0.00	+0.00	-2.23	-1.03	-0.05
124		555	17 M7	+0.00	+0.30	+5.70	-2.23	-1.03	-0.05
124	59	0	M+ A	+0.00	+0.00	+0.00	+46.05	+0.00	+0.38
124	431	555	M+ A	+0.00	+0.00	+614.87	+46.05	+0.00	+0.38
124	59	0	M- A	+0.00	+0.00	+0.00	+0.00	-115.54	+0.00
124	431	555	M- A	+0.00	-2.10	+0.00	+0.00	-98.96	+0.00
125	60	0	0 G	-64.26	+11.17	-405.82	-290.96	-118.44	+1.71
125	61	355	0 G	-64.26	+5.10	+5.57	-290.96	-113.33	+1.71
125		0	1 Q1	-28.48	+4.83	-512.37	-272.39	+61.86	+0.51
125		355	1 Q1	-28.48	+3.02	-731.96	-272.39	+61.86	+0.51
125		0	11 M1	-12.67	+2.10	-224.35	-166.23	+31.78	+0.13
125		355	11 M1	-12.67	+1.64	-337.18	-166.23	+31.78	+0.13
125		0	12 M2	-8.80	+1.35	+109.96	+20.45	-87.06	+0.31
125		355	12 M2	-8.80	+0.26	+419.02	+20.45	-87.06	+0.31
125		0	13 M3	-6.90	+1.84	-185.64	-111.38	+30.07	+0.14
125		355	13 M3	-6.90	+1.36	-292.41	-111.38	+30.07	+0.14
125		0	14 M4	+2.43	+0.14	+45.72	+40.22	-7.28	-0.12
125		355	14 M4	+2.43	+0.55	+71.58	+40.22	-7.28	-0.12
125		0	15 M5	-5.82	+1.75	-96.95	-68.23	+14.01	-0.08
125		355	15 M5	-5.82	+2.05	-146.70	-68.23	+14.01	-0.08
125		0	16 M6	-32.52	+4.25	-222.86	-157.93	-67.62	+0.79
125		355	16 M6	-32.52	+1.44	+17.17	-157.93	-67.62	+0.79
125		0	17 M7	+1.88	-0.02	-23.77	-9.27	-12.83	+0.28
125		355	17 M7	+1.88	-1.02	+21.78	-9.27	-12.83	+0.28
125	60	0	M+ A	+0.00	+27.75	+0.00	+0.00	+12.74	+4.15
125	61	355	M+ A	+0.00	+13.92	+635.94	+0.00	+17.85	+4.15
125	60	0	M- A	-172.69	+0.00	-1567.97	-1004.04	-288.11	+0.00
125	61	355	M- A	-172.69	+0.00	-1488.36	-1004.04	-281.31	+0.00
126	60	0	0 G	+0.00	+0.00	+0.00	+4.49	-33.89	+0.12
126	433	555	0 G	+0.00	-0.67	+168.24	+4.49	-21.42	+0.12
126		0	1 Q1	+0.00	+0.00	+0.00	+3.09	+1.29	+0.17
126		555	1 Q1	+0.00	-0.93	-7.17	+3.09	+1.29	+0.17
126		0	11 M1	+0.00	+0.00	+0.00	+1.81	+0.42	+0.11
126		555	11 M1	+0.00	-0.61	-2.33	+1.81	+0.42	+0.11
126		0	12 M2	+0.00	+0.00	+0.00	+0.03	-20.43	-0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
126		555	12 M2	+0.00	+0.20	+113.39	+0.03	-20.43	-0.04
126		0	13 M3	+0.00	+0.00	+0.00	+1.45	+0.33	+0.07
126		555	13 M3	+0.00	-0.41	-1.83	+1.45	+0.33	+0.07
126		0	14 M4	+0.00	+0.00	+0.00	+0.73	-0.08	+0.01
126		555	14 M4	+0.00	-0.04	+0.46	+0.73	-0.08	+0.01
126		0	15 M5	+0.00	+0.00	+0.00	+2.51	+0.19	+0.10
126		555	15 M5	+0.00	-0.54	-1.03	+2.51	+0.19	+0.10
126		0	16 M6	+0.00	+0.00	+0.00	+0.97	-7.03	+0.04
126		555	16 M6	+0.00	-0.24	+39.00	+0.97	-7.03	+0.04
126		0	17 M7	+0.00	+0.00	+0.00	-1.46	+0.12	-0.06
126		555	17 M7	+0.00	+0.35	-0.67	-1.46	+0.12	-0.06
126	60	0	M+ A	+0.00	+0.00	+0.00	+13.91	+0.00	+0.55
126	433	555	M+ A	+0.00	+0.00	+393.84	+13.91	+0.00	+0.55
126	60	0	M- A	+0.00	+0.00	+0.00	+0.00	-75.72	+0.00
126	433	555	M- A	+0.00	-3.05	+0.00	+0.00	-59.13	+0.00
127	61	0	0 G	-64.26	+5.10	+5.57	-291.11	-78.51	+1.37
127	62	355	0 G	-64.26	+0.22	+275.18	-291.11	-73.39	+1.37
127		0	1 Q1	-28.48	+3.02	-731.96	-272.61	+61.25	+0.65
127		355	1 Q1	-28.48	+0.71	-949.42	-272.61	+61.25	+0.65
127		0	11 M1	-12.67	+1.64	-337.18	-166.37	+31.55	+0.31
127		355	11 M1	-12.67	+0.54	-449.19	-166.37	+31.55	+0.31
127		0	12 M2	-8.80	+0.26	+419.02	+20.50	-78.74	+0.13
127		355	12 M2	-8.80	-0.21	+698.53	+20.50	-78.74	+0.13
127		0	13 M3	-6.90	+1.36	-292.41	-111.48	+29.90	+0.29
127		355	13 M3	-6.90	+0.33	-398.55	-111.48	+29.90	+0.29
127		0	14 M4	+2.43	+0.55	+71.58	+40.22	-7.24	+0.08
127		355	14 M4	+2.43	+0.25	+97.29	+40.22	-7.24	+0.08
127		0	15 M5	-5.82	+2.05	-146.70	-68.34	+13.90	+0.36
127		355	15 M5	-5.82	+0.77	-196.04	-68.34	+13.90	+0.36
127		0	16 M6	-32.52	+1.44	+17.17	-157.99	-45.07	+0.42
127		355	16 M6	-32.52	-0.03	+177.16	-157.99	-45.07	+0.42
127		0	17 M7	+1.88	-1.02	+21.78	-9.20	-12.88	-0.08
127		355	17 M7	+1.88	-0.73	+67.49	-9.20	-12.88	-0.08
127	61	0	M+ A	+0.00	+13.92	+635.94	+0.00	+51.52	+3.33
127	62	355	M+ A	+0.00	+2.40	+1413.79	+0.00	+56.63	+3.33
127	61	0	M- A	-172.69	+0.00	-1488.36	-1004.75	-222.52	+0.00
127	62	355	M- A	-172.69	-0.89	-1680.32	-1004.75	-215.71	+0.00
128	61	0	0 G	+0.00	+0.00	+0.00	-0.34	-34.82	+0.15
128	435	555	0 G	+0.00	-0.84	+173.42	-0.34	-22.35	+0.15
128		0	1 Q1	+0.00	+0.00	+0.00	+0.14	+0.60	+0.22
128		555	1 Q1	+0.00	-1.22	-3.34	+0.14	+0.60	+0.22
128		0	11 M1	+0.00	+0.00	+0.00	+0.18	+0.23	+0.14
128		555	11 M1	+0.00	-0.79	-1.28	+0.18	+0.23	+0.14
128		0	12 M2	+0.00	+0.00	+0.00	-0.17	-8.32	-0.05
128		555	12 M2	+0.00	+0.28	+46.20	-0.17	-8.32	-0.05
128		0	13 M3	+0.00	+0.00	+0.00	+0.15	+0.18	+0.09
128		555	13 M3	+0.00	-0.52	-0.98	+0.15	+0.18	+0.09
128		0	14 M4	+0.00	+0.00	+0.00	+0.20	-0.04	-0.00
128		555	14 M4	+0.00	+0.01	+0.23	+0.20	-0.04	-0.00
128		0	15 M5	+0.00	+0.00	+0.00	+0.44	+0.11	+0.11
128		555	15 M5	+0.00	-0.60	-0.63	+0.44	+0.11	+0.11
128		0	16 M6	+0.00	+0.00	+0.00	-0.38	-22.55	+0.07
128		555	16 M6	+0.00	-0.37	+125.14	-0.38	-22.55	+0.07
128		0	17 M7	+0.00	+0.00	+0.00	-0.36	+0.05	-0.07
128		555	17 M7	+0.00	+0.38	-0.27	-0.36	+0.05	-0.07
128	61	0	M+ A	+0.00	+0.00	+0.00	+0.52	+0.00	+0.71
128	435	555	M+ A	+0.00	+0.00	+418.36	+0.52	+0.00	+0.71
128	61	0	M- A	+0.00	+0.00	+0.00	-1.01	-80.13	+0.00
128	435	555	M- A	+0.00	-3.94	+0.00	-1.01	-63.55	+0.00
129	62	0	0 G	-64.26	+0.22	+275.18	-291.29	-37.81	+0.64
129	63	355	0 G	-64.26	-2.07	+400.34	-291.29	-32.70	+0.64
129		0	1 Q1	-28.48	+0.71	-949.42	-272.88	+61.27	+0.30
129		355	1 Q1	-28.48	-0.35	-1166.93	-272.88	+61.27	+0.30
129		0	11 M1	-12.67	+0.54	-449.19	-166.54	+31.56	+0.14
129		355	11 M1	-12.67	+0.04	-561.22	-166.54	+31.56	+0.14
129		0	12 M2	-8.80	-0.21	+698.53	+20.56	-55.40	+0.06
129		355	12 M2	-8.80	-0.43	+895.19	+20.56	-55.40	+0.06
129		0	13 M3	-6.90	+0.33	-398.55	-111.59	+29.90	+0.16
129		355	13 M3	-6.90	-0.22	-504.70	-111.59	+29.90	+0.16
129		0	14 M4	+2.43	+0.25	+97.29	+40.23	-7.24	+0.06
129		355	14 M4	+2.43	+0.04	+123.00	+40.23	-7.24	+0.06
129		0	15 M5	-5.82	+0.77	-196.04	-68.46	+13.90	+0.20
129		355	15 M5	-5.82	+0.08	-245.38	-68.46	+13.90	+0.20
129		0	16 M6	-32.52	-0.03	+177.16	-158.09	-16.15	+0.15
129		355	16 M6	-32.52	-0.56	+234.49	-158.09	-16.15	+0.15
129		0	17 M7	+1.88	-0.73	+67.49	-9.13	-12.85	-0.03
129		355	17 M7	+1.88	-0.61	+113.10	-9.13	-12.85	-0.03
129	62	0	M+ A	+0.00	+2.40	+1413.79	+0.00	+92.24	+1.55
129	63	355	M+ A	+0.00	+0.00	+1875.24	+0.00	+97.35	+1.55
129	62	0	M- A	-172.69	-0.89	-1680.32	-1005.63	-133.39	+0.00
129	63	355	M- A	-172.69	-4.14	-2016.84	-1005.63	-126.58	+0.00
130	62	0	0 G	+0.00	+0.00	+0.00	-0.73	-35.58	+0.18
130	437	555	0 G	+0.00	-1.02	+177.63	-0.73	-23.11	+0.18
130		0	1 Q1	+0.00	+0.00	+0.00	-0.35	-0.02	+0.27
130		555	1 Q1	+0.00	-1.51	+0.09	-0.35	-0.02	+0.27
130		0	11 M1	+0.00	+0.00	+0.00	-0.17	-0.00	+0.18
130		555	11 M1	+0.00	-0.98	+0.02	-0.17	-0.00	+0.18
130		0	12 M2	+0.00	+0.00	+0.00	-0.07	-23.34	-0.06
130		555	12 M2	+0.00	+0.35	+129.53	-0.07	-23.34	-0.06
130		0	13 M3	+0.00	+0.00	+0.00	-0.14	-0.00	+0.11
130		555	13 M3	+0.00	-0.63	+0.03	-0.14	-0.00	+0.11
130		0	14 M4	+0.00	+0.00	+0.00	-0.02	+0.00	-0.01
130		555	14 M4	+0.00	+0.06	-0.01	-0.02	+0.00	-0.01
130		0	15 M5	+0.00	+0.00	+0.00	-0.16	+0.00	+0.12
130		555	15 M5	+0.00	-0.67	-0.01	-0.16	+0.00	+0.12
130		0	16 M6	+0.00	+0.00	+0.00	-0.27	-28.92	+0.09
130		555	16 M6	+0.00	-0.51	+160.50	-0.27	-28.92	+0.09
130		0	17 M7	+0.00	+0.00	+0.00	+0.05	-0.03	-0.07
130		555	17 M7	+0.00	+0.40	+0.18	+0.05	-0.03	-0.07
130	62	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.88
130	437	555	M+ A	+0.00	+0.00	+477.11	+0.00	+0.00	+0.88
130	62	0	M- A	+0.00	+0.00	+0.00	-1.85	-90.72	+0.00
130	437	555	M- A	+0.00	-4.86	+0.00	-1.85	-74.14	+0.00
131	63	0	0 G	-64.26	-2.07	+400.34	-291.52	+2.92	+0.18
131	64	355	0 G	-64.26	-2.73	+380.90	-291.52	+8.03	+0.18
131		0	1 Q1	-28.48	-0.35	-1166.93	-273.21	+61.68	+0.04

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
131		355	1	Q1	-28.48	-0.50	-1385.88	-273.21	+61.68	+0.04
131		0	11	M1	-12.67	+0.04	-561.22	-166.76	+31.75	+0.01
131		355	11	M1	-12.67	+0.01	-673.93	-166.76	+31.75	+0.01
131		0	12	M2	-8.80	-0.43	+895.19	+20.64	-26.83	+0.03
131		355	12	M2	-8.80	-0.54	+990.44	+20.64	-26.83	+0.03
131		0	13	M3	-6.90	-0.22	-504.70	-111.73	+30.08	+0.05
131		355	13	M3	-6.90	-0.38	-611.48	-111.73	+30.08	+0.05
131		0	14	M4	+2.43	+0.04	+123.00	+40.26	-7.29	+0.02
131		355	14	M4	+2.43	-0.04	+148.87	+40.26	-7.29	+0.02
131		0	15	M5	-5.82	+0.08	-245.38	-68.59	+13.98	+0.03
131		355	15	M5	-5.82	-0.04	-295.02	-68.59	+13.98	+0.03
131		0	16	M6	-32.52	-0.56	+234.49	-158.21	+4.94	+0.01
131		355	16	M6	-32.52	-0.59	+216.95	-158.21	+4.94	+0.01
131		0	17	M7	+1.88	-0.61	+113.10	-9.05	-12.97	+0.04
131		355	17	M7	+1.88	-0.75	+159.16	-9.05	-12.97	+0.04
131	63	0	M+	A	+0.00	+0.00	+1875.24	+0.00	+134.77	+0.37
131	64	355	M+	A	+0.00	+0.00	+1992.25	+0.00	+141.57	+0.37
131	63	0	M-	A	-172.69	-4.14	-2016.84	-1006.68	-37.32	+0.00
131	64	355	M-	A	-172.69	-5.42	-2500.93	-1006.68	-32.21	+0.00
132	63	0	0	G	+0.00	+0.00	+0.00	-0.46	-35.62	+0.22
132	439	555	0	G	+0.00	-1.24	+177.83	-0.46	-23.15	+0.22
132		0	1	Q1	+0.00	+0.00	+0.00	-0.25	-0.41	+0.33
132		555	1	Q1	+0.00	-1.81	+2.27	-0.25	-0.41	+0.33
132		0	11	M1	+0.00	+0.00	+0.00	-0.13	-0.19	+0.21
132		555	11	M1	+0.00	-1.17	+1.07	-0.13	-0.19	+0.21
132		0	12	M2	+0.00	+0.00	+0.00	-0.03	-28.57	-0.08
132		555	12	M2	+0.00	+0.42	+158.55	-0.03	-28.57	-0.08
132		0	13	M3	+0.00	+0.00	+0.00	-0.11	-0.17	+0.14
132		555	13	M3	+0.00	-0.75	+0.97	-0.11	-0.17	+0.14
132		0	14	M4	+0.00	+0.00	+0.00	-0.04	+0.04	-0.02
132		555	14	M4	+0.00	+0.12	-0.24	-0.04	+0.04	-0.02
132		0	15	M5	+0.00	+0.00	+0.00	-0.16	-0.08	+0.13
132		555	15	M5	+0.00	-0.74	+0.46	-0.16	-0.08	+0.13
132		0	16	M6	+0.00	+0.00	+0.00	-0.14	-21.09	+0.12
132		555	16	M6	+0.00	-0.66	+117.04	-0.14	-21.09	+0.12
132		0	17	M7	+0.00	+0.00	+0.00	+0.07	+0.13	-0.08
132		555	17	M7	+0.00	+0.42	-0.71	+0.07	+0.13	-0.08
132	63	0	M+	A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.05
132	439	555	M+	A	+0.00	+0.00	+477.40	+0.00	+0.00	+1.05
132	63	0	M-	A	+0.00	+0.00	+0.00	-1.20	-90.77	+0.00
132	439	555	M-	A	+0.00	-5.84	+0.00	-1.20	-74.19	+0.00
133	64	0	0	G	-64.26	-2.73	+380.90	-291.78	+43.74	-0.96
133	65	355	0	G	-64.26	+0.68	+215.35	-291.78	+49.52	-0.96
133		0	1	Q1	-28.48	-0.50	-1385.88	-273.59	+61.75	-0.45
133		355	1	Q1	-28.48	+1.10	-1605.11	-273.59	+61.75	-0.45
133		0	11	M1	-12.67	+0.01	-673.93	-167.00	+31.79	-0.21
133		355	11	M1	-12.67	+0.76	-786.77	-167.00	+31.79	-0.21
133		0	12	M2	-8.80	-0.54	+990.44	+20.73	-6.42	-0.14
133		355	12	M2	-8.80	-0.06	+1013.21	+20.73	-6.42	-0.14
133		0	13	M3	-6.90	-0.38	-611.48	-111.88	+30.12	-0.09
133		355	13	M3	-6.90	-0.07	-718.39	-111.88	+30.12	-0.09
133		0	14	M4	+2.43	-0.04	+148.87	+40.29	-7.30	+0.05
133		355	14	M4	+2.43	-0.21	+174.78	+40.29	-7.30	+0.05
133		0	15	M5	-5.82	-0.04	-295.02	-68.73	+13.99	-0.08
133		355	15	M5	-5.82	+0.25	-344.70	-68.73	+13.99	-0.08
133		0	16	M6	-32.52	-0.59	+216.95	-158.35	+12.62	-0.54
133		355	16	M6	-32.52	+1.32	+172.15	-158.35	+12.62	-0.54
133		0	17	M7	+1.88	-0.75	+159.16	-8.97	-13.77	+0.06
133		355	17	M7	+1.88	-0.97	+208.03	-8.97	-13.77	+0.06
133	64	0	M+	A	+0.00	+0.00	+1992.25	+0.00	+189.23	+0.00
133	65	355	M+	A	+0.00	+4.37	+1806.24	+0.00	+196.92	+0.00
133	64	0	M-	A	-172.69	-5.42	-2500.93	-1007.92	+0.00	-2.69
133	65	355	M-	A	-172.69	-0.77	-3131.71	-1007.92	+0.00	-2.69
134	64	0	0	G	+0.00	+0.00	+0.00	-1.15	-35.71	+0.26
134	441	555	0	G	+0.00	-1.46	+178.35	-1.15	-23.24	+0.26
134		0	1	Q1	+0.00	+0.00	+0.00	-0.49	-0.08	+0.38
134		555	1	Q1	+0.00	-2.12	+0.42	-0.49	-0.08	+0.38
134		0	11	M1	+0.00	+0.00	+0.00	-0.22	-0.04	+0.24
134		555	11	M1	+0.00	-1.36	+0.21	-0.22	-0.04	+0.24
134		0	12	M2	+0.00	+0.00	+0.00	-0.17	-20.41	-0.09
134		555	12	M2	+0.00	+0.49	+113.29	-0.17	-20.41	-0.09
134		0	13	M3	+0.00	+0.00	+0.00	-0.13	-0.04	+0.16
134		555	13	M3	+0.00	-0.88	+0.21	-0.13	-0.04	+0.16
134		0	14	M4	+0.00	+0.00	+0.00	+0.03	+0.01	-0.03
134		555	14	M4	+0.00	+0.17	-0.06	+0.03	+0.01	-0.03
134		0	15	M5	+0.00	+0.00	+0.00	-0.12	-0.01	+0.15
134		555	15	M5	+0.00	-0.81	+0.07	-0.12	-0.01	+0.15
134		0	16	M6	+0.00	+0.00	+0.00	-0.55	-7.68	+0.15
134		555	16	M6	+0.00	-0.81	+42.61	-0.55	-7.68	+0.15
134		0	17	M7	+0.00	+0.00	+0.00	+0.02	+0.79	-0.08
134		555	17	M7	+0.00	+0.44	-4.39	+0.02	+0.79	-0.08
134	64	0	M+	A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.23
134	441	555	M+	A	+0.00	+0.00	+407.70	+0.00	+0.00	+1.23
134	64	0	M-	A	+0.00	+0.00	+0.00	-3.01	-78.21	+0.00
134	441	555	M-	A	+0.00	-6.84	+0.00	-3.01	-61.63	+0.00
135	65	0	0	G	-64.26	+0.68	+215.35	-292.07	+85.62	-3.76
135	66	355	0	G	-64.26	+14.03	-98.85	-292.07	+91.40	-3.76
135		0	1	Q1	-28.48	+1.10	-1605.11	-274.02	+61.40	-1.64
135		355	1	Q1	-28.48	+6.91	-1823.09	-274.02	+61.40	-1.64
135		0	11	M1	-12.67	+0.76	-786.77	-167.27	+31.65	-0.72
135		355	11	M1	-12.67	+3.32	-899.11	-167.27	+31.65	-0.72
135		0	12	M2	-8.80	-0.06	+1013.21	+20.83	+1.81	-0.57
135		355	12	M2	-8.80	+1.96	+1006.80	+20.83	+1.81	-0.57
135		0	13	M3	-6.90	-0.07	-718.39	-112.06	+29.96	-0.34
135		355	13	M3	-6.90	+1.15	-824.74	-112.06	+29.96	-0.34
135		0	14	M4	+2.43	-0.21	+174.78	+40.32	-7.27	+0.18
135		355	14	M4	+2.43	-0.86	+200.59	+40.32	-7.27	+0.18
135		0	15	M5	-5.82	+0.25	-344.70	-68.89	+13.93	-0.25
135		355	15	M5	-5.82	+1.14	-394.14	-68.89	+13.93	-0.25
135		0	16	M6	-32.52	+1.32	+172.15	-158.52	+35.11	-2.01
135		355	16	M6	-32.52	+8.47	+47.51	-158.52	+35.11	-2.01
135		0	17	M7	+1.88	-0.97	+208.03	-8.89	-13.73	+0.10
135		355	17	M7	+1.88	-1.32	+256.78	-8.89	-13.73	+0.10
135	65	0	M+	A	+0.00	+4.37	+1806.24	+0.00	+249.43	+0.00
135	66	355	M+	A	+0.00	+40.68	+1411.34	+0.00	+257.12	+0.00
135	65	0	M-	A	-172.69	-0.77	-3131.71	-1009.30	+0.00	-10.23
135	66	355	M-	A	-172.69	+0.00	-3941.31	-1009.30	+0.00	-10.23

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
136	65	0	0 G	+0.00	+0.00	+0.00	-2.80	-36.09	+0.29
136	443	555	0 G	+0.00	-1.63	+180.47	-2.80	-23.62	+0.29
136		0	1 Q1	+0.00	+0.00	+0.00	-1.19	+0.35	+0.43
136		555	1 Q1	+0.00	-2.38	-1.96	-1.19	+0.35	+0.43
136		0	11 M1	+0.00	+0.00	+0.00	-0.51	+0.14	+0.27
136		555	11 M1	+0.00	-1.52	-0.78	-0.51	+0.14	+0.27
136		0	12 M2	+0.00	+0.00	+0.00	-0.43	-8.22	-0.10
136		555	12 M2	+0.00	+0.55	+45.65	-0.43	-8.22	-0.10
136		0	13 M3	+0.00	+0.00	+0.00	-0.26	+0.16	+0.18
136		555	13 M3	+0.00	-0.98	-0.87	-0.26	+0.16	+0.18
136		0	14 M4	+0.00	+0.00	+0.00	+0.13	-0.03	-0.04
136		555	14 M4	+0.00	+0.21	+0.15	+0.13	-0.03	-0.04
136		0	15 M5	+0.00	+0.00	+0.00	-0.17	+0.07	+0.16
136		555	15 M5	+0.00	-0.87	-0.38	-0.17	+0.07	+0.16
136		0	16 M6	+0.00	+0.00	+0.00	-1.47	-22.49	+0.17
136		555	16 M6	+0.00	-0.92	+124.83	-1.47	-22.49	+0.17
136		0	17 M7	+0.00	+0.00	+0.00	+0.04	-0.03	-0.08
136		555	17 M7	+0.00	+0.46	+0.19	+0.04	-0.03	-0.08
136	65	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.38
136	443	555	M+ A	+0.00	+0.00	+427.28	+0.00	+0.00	+1.38
136	65	0	M- A	+0.00	+0.00	+0.00	-7.54	-81.74	+0.00
136	443	555	M- A	+0.00	-7.68	+0.00	-7.54	-65.16	+0.00
137	66	0	0 G	-23.44	-11.86	+290.21	+118.59	-73.21	-2.52
137	67	355	0 G	-23.44	-2.93	+539.85	+118.59	-67.43	-2.52
137		0	1 Q1	-14.03	-4.96	-1950.00	+34.74	-77.53	-1.06
137		355	1 Q1	-14.03	-1.21	-1674.78	+34.74	-77.53	-1.06
137		0	11 M1	-7.83	-2.12	-920.45	+17.06	-54.24	-0.46
137		355	11 M1	-7.83	-0.51	-727.91	+17.06	-54.24	-0.46
137		0	12 M2	-2.99	-1.86	+1299.49	+29.42	+5.57	-0.40
137		355	12 M2	-2.99	-0.45	+1279.73	+29.42	+5.57	-0.40
137		0	13 M3	-1.02	-1.09	-881.12	+18.26	-28.65	-0.23
137		355	13 M3	-1.02	-0.26	-779.42	+18.26	-28.65	-0.23
137		0	14 M4	+1.73	+0.54	+204.12	-1.07	+12.08	+0.11
137		355	14 M4	+1.73	+0.14	+161.25	-1.07	+12.08	+0.11
137		0	15 M5	-3.18	-0.73	-403.60	+11.79	-23.66	-0.16
137		355	15 M5	-3.18	-0.16	-319.59	+11.79	-23.66	-0.16
137		0	16 M6	-17.48	-6.16	+291.80	+40.87	-44.86	-1.31
137		355	16 M6	-17.48	-1.51	+451.05	+40.87	-44.86	-1.31
137		0	17 M7	+6.99	+0.13	+335.41	+27.23	-22.80	+0.03
137		355	17 M7	+6.99	+0.01	+416.33	+27.23	-22.80	+0.03
137	66	0	M+ A	+0.00	+0.00	+2335.21	+265.93	+0.00	+0.00
137	67	355	M+ A	+0.00	+0.00	+2637.59	+265.93	+0.00	+0.00
137	66	0	M- A	-76.33	-31.71	-3722.97	+0.00	-283.39	-6.74
137	67	355	M- A	-76.33	-7.80	-2890.23	+0.00	-275.70	-6.74
138	66	0	0 G	+0.00	+0.00	+0.00	-1.17	-36.27	+0.32
138	445	555	0 G	+0.00	-1.80	+181.44	-1.17	-23.80	+0.32
138		0	1 Q1	+0.00	+0.00	+0.00	-0.46	+0.19	+0.48
138		555	1 Q1	+0.00	-2.65	-1.03	-0.46	+0.19	+0.48
138		0	11 M1	+0.00	+0.00	+0.00	-0.18	+0.03	+0.30
138		555	11 M1	+0.00	-1.69	-0.14	-0.18	+0.03	+0.30
138		0	12 M2	+0.00	+0.00	+0.00	-0.19	-23.13	-0.11
138		555	12 M2	+0.00	+0.62	+128.36	-0.19	-23.13	-0.11
138		0	13 M3	+0.00	+0.00	+0.00	-0.11	+0.10	+0.20
138		555	13 M3	+0.00	-1.09	-0.55	-0.11	+0.10	+0.20
138		0	14 M4	+0.00	+0.00	+0.00	+0.06	-0.00	-0.05
138		555	14 M4	+0.00	+0.25	+0.02	+0.06	-0.00	-0.05
138		0	15 M5	+0.00	+0.00	+0.00	-0.04	+0.02	+0.17
138		555	15 M5	+0.00	-0.93	-0.09	-0.04	+0.02	+0.17
138		0	16 M6	+0.00	+0.00	+0.00	-0.59	-26.73	+0.19
138		555	16 M6	+0.00	-1.04	+148.34	-0.59	-26.73	+0.19
138		0	17 M7	+0.00	+0.00	+0.00	-0.05	-11.92	-0.09
138		555	17 M7	+0.00	+0.48	+66.18	-0.05	-11.92	-0.09
138	66	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.53
138	445	555	M+ A	+0.00	+0.00	+463.82	+0.00	+0.00	+1.53
138	66	0	M- A	+0.00	+0.00	+0.00	-3.05	-88.33	+0.00
138	445	555	M- A	+0.00	-8.50	+0.00	-3.05	-71.74	+0.00
139	66	0	0 G	+47.33	-9.80	+389.06	+455.45	-42.80	-2.41
139	197	379	0 G	+47.33	-0.65	+219.40	+456.94	-46.73	-2.41
139		0	1 Q1	+17.71	-6.00	-126.91	+338.31	-20.60	-1.04
139		379	1 Q1	+17.71	-2.06	-204.98	+338.31	-20.60	-1.04
139		0	11 M1	+6.45	-3.39	-21.33	+203.06	-15.12	-0.45
139		379	11 M1	+6.45	-1.69	-78.65	+203.06	-15.12	-0.45
139		0	12 M2	+6.78	-1.52	+292.69	+14.78	-15.13	-0.36
139		379	12 M2	+6.78	-0.15	+235.36	+14.78	-15.13	-0.36
139		0	13 M3	+6.29	-0.02	-56.38	+142.77	-8.65	-0.22
139		379	13 M3	+6.29	+0.83	-89.15	+142.77	-8.65	-0.22
139		0	14 M4	-1.15	+1.05	+3.53	-45.60	+3.46	+0.13
139		379	14 M4	-1.15	+0.57	+16.65	-45.60	+3.46	+0.13
139		0	15 M5	+3.13	-0.81	-9.46	+88.91	-6.60	-0.13
139		379	15 M5	+3.13	-0.31	-34.49	+88.91	-6.60	-0.13
139		0	16 M6	+19.24	-8.38	+244.30	+224.39	-29.34	-1.29
139		379	16 M6	+19.24	-3.49	+133.08	+224.39	-29.34	-1.29
139		0	17 M7	+4.27	+3.16	+78.63	+41.12	-6.91	+0.02
139		379	17 M7	+4.27	+3.08	+52.43	+41.12	-6.91	+0.02
139	66	0	M+ A	+115.72	+0.00	+956.49	+1399.06	+0.00	+0.00
139	197	379	M+ A	+115.72	+3.97	+644.85	+1401.04	+0.00	+0.00
139	66	0	M- A	+0.00	-33.70	-0.00	+0.00	-128.74	-6.55
139	197	379	M- A	+0.00	-8.89	-191.04	+0.00	-133.98	-6.55
140	67	0	0 G	-23.44	-2.93	+539.85	+118.32	-31.74	-1.01
140	68	355	0 G	-23.44	+0.64	+643.44	+118.32	-26.62	-1.01
140		0	1 Q1	-14.03	-1.21	-1674.78	+34.28	-77.26	-0.37
140		355	1 Q1	-14.03	+0.10	-1400.50	+34.28	-77.26	-0.37
140		0	11 M1	-7.83	-0.51	-727.91	+16.76	-54.10	-0.14
140		355	11 M1	-7.83	-0.01	-535.87	+16.76	-54.10	-0.14
140		0	12 M2	-2.99	-0.45	+1279.73	+29.55	+31.85	-0.17
140		355	12 M2	-2.99	+0.14	+1166.66	+29.55	+31.85	-0.17
140		0	13 M3	-1.02	-0.26	-779.42	+18.08	-28.54	-0.10
140		355	13 M3	-1.02	+0.09	-678.11	+18.08	-28.54	-0.10
140		0	14 M4	+1.73	+0.14	+161.25	-1.02	+12.04	+0.04
140		355	14 M4	+1.73	+0.00	+118.50	-1.02	+12.04	+0.04
140		0	15 M5	-3.18	-0.16	-319.59	+11.63	-23.61	-0.04
140		355	15 M5	-3.18	-0.00	-235.79	+11.63	-23.61	-0.04
140		0	16 M6	-17.48	-1.51	+451.05	+40.70	-15.51	-0.46
140		355	16 M6	-17.48	+0.14	+506.11	+40.70	-15.51	-0.46
140		0	17 M7	+6.99	+0.01	+416.33	+27.33	-0.18	-0.05
140		355	17 M7	+6.99	+0.20	+416.99	+27.33	-0.18	-0.05
140	67	0	M+ A	+0.00	+0.00	+2637.59	+264.71	+16.04	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
140	68	355	M+ A	+0.00	+1.29	+2605.77	+264.71	+21.15	+0.00
140	67	0	M- A	-76.33	-7.80	-2890.23	+0.00	-227.66	-2.53
140	68	355	M- A	-76.33	+0.00	-2264.41	+0.00	-220.85	-2.53
141	67	0	0 G	+0.00	+0.00	+0.00	+1.51	-35.69	+0.27
141	447	555	0 G	+0.00	-1.49	+178.26	+1.51	-23.23	+0.27
141		0	1 Q1	+0.00	+0.00	+0.00	+0.69	-0.27	+0.46
141		555	1 Q1	+0.00	-2.55	+1.48	+0.69	-0.27	+0.46
141		0	11 M1	+0.00	+0.00	+0.00	+0.32	-0.14	+0.30
141		555	11 M1	+0.00	-1.64	+0.78	+0.32	-0.14	+0.30
141		0	12 M2	+0.00	+0.00	+0.00	+0.23	-26.28	-0.13
141		555	12 M2	+0.00	+0.70	+145.87	+0.23	-26.28	-0.13
141		0	13 M3	+0.00	+0.00	+0.00	+0.13	-0.11	+0.19
141		555	13 M3	+0.00	-1.04	+0.62	+0.13	-0.11	+0.19
141		0	14 M4	+0.00	+0.00	+0.00	-0.08	+0.03	-0.05
141		555	14 M4	+0.00	+0.25	-0.18	-0.08	+0.03	-0.05
141		0	15 M5	+0.00	+0.00	+0.00	+0.12	-0.06	+0.16
141		555	15 M5	+0.00	-0.89	+0.33	+0.12	-0.06	+0.16
141		0	16 M6	+0.00	+0.00	+0.00	+0.85	-29.35	+0.17
141		555	16 M6	+0.00	-0.93	+162.90	+0.85	-29.35	+0.17
141		0	17 M7	+0.00	+0.00	+0.00	-0.09	-22.61	-0.10
141		555	17 M7	+0.00	+0.55	+125.49	-0.09	-22.61	-0.10
141	67	0	M+ A	+0.00	+0.00	+0.00	+4.20	+0.00	+1.42
141	447	555	M+ A	+0.00	+0.00	+483.43	+4.20	+0.00	+1.42
141	67	0	M- A	+0.00	+0.00	+0.00	+0.00	-91.86	+0.00
141	447	555	M- A	+0.00	-7.89	+0.00	+0.00	-75.27	+0.00
142	68	0	0 G	-23.44	+0.64	+643.44	+118.12	+8.74	-0.30
142	69	355	0 G	-23.44	+1.70	+603.33	+118.12	+13.85	-0.30
142		0	1 Q1	-14.03	+0.10	-1400.50	+33.84	-76.55	-0.20
142		355	1 Q1	-14.03	+0.80	-1128.77	+33.84	-76.55	-0.20
142		0	11 M1	-7.83	-0.01	-535.87	+16.47	-53.82	-0.10
142		355	11 M1	-7.83	+0.35	-344.79	+16.47	-53.82	-0.10
142		0	12 M2	-2.99	+0.14	+1166.66	+29.69	+60.51	-0.01
142		355	12 M2	-2.99	+0.18	+951.83	+29.69	+60.51	-0.01
142		0	13 M3	-1.02	+0.09	-678.11	+17.90	-28.19	-0.01
142		355	13 M3	-1.02	+0.12	-578.03	+17.90	-28.19	-0.01
142		0	14 M4	+1.73	+0.00	+118.50	-0.98	+11.98	+0.03
142		355	14 M4	+1.73	-0.08	+75.95	-0.98	+11.98	+0.03
142		0	15 M5	-3.18	-0.00	-235.79	+11.47	-23.49	-0.04
142		355	15 M5	-3.18	+0.13	-152.41	+11.47	-23.49	-0.04
142		0	16 M6	-17.48	+0.14	+506.11	+40.56	+3.22	-0.21
142		355	16 M6	-17.48	+0.89	+494.67	+40.56	+3.22	-0.21
142		0	17 M7	+6.99	+0.20	+416.99	+27.44	+8.39	+0.09
142		355	17 M7	+6.99	-0.14	+387.21	+27.44	+8.39	+0.09
142	68	0	M+ A	+0.00	+1.29	+2605.77	+263.61	+102.40	+0.00
142	69	355	M+ A	+0.00	+4.66	+2230.19	+263.61	+109.20	+0.00
142	68	0	M- A	-76.33	+0.00	-2264.41	+0.00	-175.33	-0.98
142	69	355	M- A	-76.33	+0.00	-1787.55	+0.00	-170.22	-0.98
143	68	0	0 G	+0.00	+0.00	+0.00	+0.71	-35.36	+0.21
143	449	555	0 G	+0.00	-1.16	+176.42	+0.71	-22.89	+0.21
143		0	1 Q1	+0.00	+0.00	+0.00	+0.17	-0.72	+0.44
143		555	1 Q1	+0.00	-2.45	+3.97	+0.17	-0.72	+0.44
143		0	11 M1	+0.00	+0.00	+0.00	+0.04	-0.27	+0.29
143		555	11 M1	+0.00	-1.59	+1.51	+0.04	-0.27	+0.29
143		0	12 M2	+0.00	+0.00	+0.00	+0.15	-28.67	-0.14
143		555	12 M2	+0.00	+0.78	+159.09	+0.15	-28.67	-0.14
143		0	13 M3	+0.00	+0.00	+0.00	+0.09	-0.34	+0.18
143		555	13 M3	+0.00	-0.99	+1.91	+0.09	-0.34	+0.18
143		0	14 M4	+0.00	+0.00	+0.00	-0.01	+0.06	-0.04
143		555	14 M4	+0.00	+0.25	-0.33	-0.01	+0.06	-0.04
143		0	15 M5	+0.00	+0.00	+0.00	+0.01	-0.12	+0.16
143		555	15 M5	+0.00	-0.86	+0.66	+0.01	-0.12	+0.16
143		0	16 M6	+0.00	+0.00	+0.00	+0.25	-18.73	+0.15
143		555	16 M6	+0.00	-0.81	+103.95	+0.25	-18.73	+0.15
143		0	17 M7	+0.00	+0.00	+0.00	+0.15	-8.57	-0.11
143		555	17 M7	+0.00	+0.63	+47.58	+0.15	-8.57	-0.11
143	68	0	M+ A	+0.00	+0.00	+0.00	+1.56	+0.00	+1.30
143	449	555	M+ A	+0.00	+0.01	+478.64	+1.56	+0.00	+1.30
143	68	0	M- A	+0.00	+0.00	+0.00	+0.00	-91.00	-0.00
143	449	555	M- A	+0.00	-7.24	+0.00	+0.00	-74.41	-0.00
144	69	0	0 G	-23.44	+1.70	+603.33	+117.97	+49.52	-0.20
144	70	355	0 G	-23.44	+2.41	+417.28	+117.97	+55.30	-0.20
144		0	1 Q1	-14.03	+0.80	-1128.77	+33.42	-76.54	-0.51
144		355	1 Q1	-14.03	+2.61	-857.07	+33.42	-76.54	-0.51
144		0	11 M1	-7.83	+0.35	-344.79	+16.20	-53.87	-0.36
144		355	11 M1	-7.83	+1.62	-153.55	+16.20	-53.87	-0.36
144		0	12 M2	-2.99	+0.18	+951.83	+29.84	+79.27	+0.11
144		355	12 M2	-2.99	-0.21	+670.43	+29.84	+79.27	+0.11
144		0	13 M3	-1.02	+0.12	-578.03	+17.73	-28.18	+0.07
144		355	13 M3	-1.02	-0.11	-478.00	+17.73	-28.18	+0.07
144		0	14 M4	+1.73	-0.08	+75.95	-0.93	+11.99	+0.08
144		355	14 M4	+1.73	-0.37	+33.38	-0.93	+11.99	+0.08
144		0	15 M5	-3.18	+0.13	-152.41	+11.32	-23.51	-0.14
144		355	15 M5	-3.18	+0.64	-68.95	+11.32	-23.51	-0.14
144		0	16 M6	-17.48	+0.89	+494.67	+40.43	+27.90	-0.53
144		355	16 M6	-17.48	+2.75	+395.62	+40.43	+27.90	-0.53
144		0	17 M7	+6.99	-0.14	+387.21	+27.57	+28.78	+0.54
144		355	17 M7	+6.99	-2.05	+285.04	+27.57	+28.78	+0.54
144	69	0	M+ A	+0.00	+4.66	+2230.19	+262.66	+184.76	+0.61
144	70	355	M+ A	+0.00	+10.86	+1560.64	+262.66	+192.45	+0.61
144	69	0	M- A	-76.33	+0.00	-1787.55	+0.00	-134.61	-1.75
144	70	355	M- A	-76.33	-0.67	-1456.76	+0.00	-128.83	-1.75
145	69	0	0 G	+0.00	+0.00	+0.00	+0.09	-35.66	+0.15
145	451	555	0 G	+0.00	-0.81	+178.09	+0.09	-23.19	+0.15
145		0	1 Q1	+0.00	+0.00	+0.00	-0.32	-0.01	+0.42
145		555	1 Q1	+0.00	-2.36	+0.05	-0.32	-0.01	+0.42
145		0	11 M1	+0.00	+0.00	+0.00	-0.25	+0.05	+0.28
145		555	11 M1	+0.00	-1.54	-0.26	-0.25	+0.05	+0.28
145		0	12 M2	+0.00	+0.00	+0.00	+0.12	-18.75	-0.16
145		555	12 M2	+0.00	+0.87	+104.08	+0.12	-18.75	-0.16
145		0	13 M3	+0.00	+0.00	+0.00	+0.07	-0.02	+0.17
145		555	13 M3	+0.00	-0.94	+0.09	+0.07	-0.02	+0.17
145		0	14 M4	+0.00	+0.00	+0.00	+0.06	-0.01	-0.04
145		555	14 M4	+0.00	+0.25	+0.05	+0.06	-0.01	-0.04
145		0	15 M5	+0.00	+0.00	+0.00	-0.10	+0.02	+0.15
145		555	15 M5	+0.00	-0.83	-0.13	-0.10	+0.02	+0.15
145		0	16 M6	+0.00	+0.00	+0.00	-0.31	-24.68	+0.13

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
145		555	16 M6	+0.00	-0.70	+136.97	-0.31	-24.68	+0.13
145		0	17 M7	+0.00	+0.00	+0.00	+0.44	-20.39	-0.13
145		555	17 M7	+0.00	+0.71	+113.18	+0.44	-20.39	-0.13
145	69	0	M+ A	+0.00	+0.00	+0.00	+0.79	+0.00	+1.18
145	451	555	M+ A	+0.00	+0.49	+442.39	+0.79	+0.00	+1.18
145	69	0	M- A	+0.00	+0.00	+0.00	-0.80	-84.46	-0.09
145	451	555	M- A	+0.00	-6.57	+0.00	-0.80	-67.88	-0.09
146	70	0	0 G	-33.17	+3.22	+67.42	-240.28	-82.36	-0.04
146	71	355	0 G	-33.17	+3.37	+349.55	-240.28	-76.58	-0.04
146		0	1 Q1	-6.70	-2.51	-591.02	+140.03	-13.27	-0.65
146		355	1 Q1	-6.70	-0.22	-543.90	+140.03	-13.27	-0.65
146		0	11 M1	-1.57	-2.34	-62.53	+108.48	-5.85	-0.48
146		355	11 M1	-1.57	-0.64	-41.76	+108.48	-5.85	-0.48
146		0	12 M2	-8.13	+1.61	+409.34	-165.16	-0.08	+0.19
146		355	12 M2	-8.13	+0.92	+409.62	-165.16	-0.08	+0.19
146		0	13 M3	-2.02	+1.13	-364.03	+42.62	-10.98	+0.14
146		355	13 M3	-2.02	+0.62	-325.04	+42.62	-10.98	+0.14
146		0	14 M4	+0.36	+0.57	+13.21	-21.62	+1.26	+0.11
146		355	14 M4	+0.36	+0.16	+8.75	-21.62	+1.26	+0.11
146		0	15 M5	-0.51	-0.87	-29.02	+51.33	-2.65	-0.18
146		355	15 M5	-0.51	-0.23	-19.61	+51.33	-2.65	-0.18
146		0	16 M6	-12.35	-2.53	+274.09	-39.89	+10.33	-0.67
146		355	16 M6	-12.35	-0.16	+237.43	-39.89	+10.33	-0.67
146		0	17 M7	-3.25	+4.93	+68.46	-145.54	-34.90	+0.81
146		355	17 M7	-3.25	+2.04	+192.36	-145.54	-34.90	+0.81
146	70	0	M+ A	+0.00	+11.68	+703.68	+111.48	+0.00	+1.18
146	71	355	M+ A	+0.00	+7.54	+1079.33	+111.48	+0.00	+1.18
146	70	0	M- A	-71.68	-3.96	-1276.50	-567.30	-179.82	-1.93
146	71	355	M- A	-71.68	+0.00	-872.27	-567.30	-172.13	-1.93
147	70	0	0 G	+0.00	+0.00	+0.00	+0.01	-36.23	+0.08
147	453	555	0 G	+0.00	-0.46	+181.25	+0.01	-23.76	+0.08
147		0	1 Q1	+0.00	+0.00	+0.00	+0.09	+0.47	+0.41
147		555	1 Q1	+0.00	-2.26	-2.64	+0.09	+0.47	+0.41
147		0	11 M1	+0.00	+0.00	+0.00	+0.06	+0.21	+0.27
147		555	11 M1	+0.00	-1.50	-1.18	+0.06	+0.21	+0.27
147		0	12 M2	+0.00	+0.00	+0.00	-0.04	-25.69	-0.17
147		555	12 M2	+0.00	+0.95	+142.57	-0.04	-25.69	-0.17
147		0	13 M3	+0.00	+0.00	+0.00	-0.04	+0.20	+0.16
147		555	13 M3	+0.00	-0.88	-1.12	-0.04	+0.20	+0.16
147		0	14 M4	+0.00	+0.00	+0.00	-0.02	-0.05	-0.04
147		555	14 M4	+0.00	+0.24	+0.25	-0.02	-0.05	-0.04
147		0	15 M5	+0.00	+0.00	+0.00	+0.01	+0.10	+0.14
147		555	15 M5	+0.00	-0.80	-0.55	+0.01	+0.10	+0.14
147		0	16 M6	+0.00	+0.00	+0.00	+0.10	-26.24	+0.10
147		555	16 M6	+0.00	-0.58	+145.61	+0.10	-26.24	+0.10
147		0	17 M7	+0.00	+0.00	+0.00	-0.13	-29.15	-0.14
147		555	17 M7	+0.00	+0.80	+161.80	-0.13	-29.15	-0.14
147	70	0	M+ A	+0.00	+0.00	+0.00	+0.29	+0.00	+1.07
147	453	555	M+ A	+0.00	+0.97	+483.76	+0.29	+0.00	+1.07
147	70	0	M- A	+0.00	+0.00	+0.00	-0.19	-91.92	-0.17
147	453	555	M- A	+0.00	-5.92	+0.00	-0.19	-75.33	-0.17
148	70	0	0 G	+8.82	-4.19	+349.87	+396.50	+36.21	-0.15
148	198	379	0 G	+8.82	-3.64	+205.18	+397.99	+40.14	-0.15
148		0	1 Q1	-5.05	+7.38	-266.05	-122.63	-21.84	+0.23
148		379	1 Q1	-5.05	+6.52	-183.29	-122.63	-21.84	+0.23
148		0	11 M1	-4.46	+5.92	-91.02	-103.62	-12.44	+0.18
148		379	11 M1	-4.46	+5.24	-43.87	-103.62	-12.44	+0.18
148		0	12 M2	+4.17	-3.52	+261.09	+219.69	+29.34	-0.12
148		379	12 M2	+4.17	-3.07	+149.88	+219.69	+29.34	-0.12
148		0	13 M3	+0.50	-1.52	-113.98	-29.58	-7.43	-0.12
148		379	13 M3	+0.50	-1.06	-85.82	-29.58	-7.43	-0.12
148		0	14 M4	+0.95	-1.36	+20.17	+23.20	+2.77	-0.05
148		379	14 M4	+0.95	-1.17	+9.68	+23.20	+2.77	-0.05
148		0	15 M5	-1.97	+2.35	-39.94	-44.97	-5.43	+0.05
148		379	15 M5	-1.97	+2.16	-19.36	-44.97	-5.43	+0.05
148		0	16 M6	-2.94	+6.76	+121.53	+90.52	+12.66	+0.24
148		379	16 M6	-2.94	+5.85	+73.56	+90.52	+12.66	+0.24
148		0	17 M7	+7.12	-10.15	+216.58	+194.88	+25.67	-0.41
148		379	17 M7	+7.12	-8.60	+119.29	+194.88	+25.67	-0.41
148	70	0	M+ A	+22.41	+15.90	+856.96	+856.88	+92.17	+0.52
148	198	379	M+ A	+22.41	+13.93	+497.71	+858.85	+97.41	+0.52
148	70	0	M- A	-4.68	-20.80	-180.26	+0.00	-11.93	-0.81
148	198	379	M- A	-4.68	-17.74	-170.99	+0.00	-7.99	-0.81
149	71	0	0 G	-33.17	+3.37	+349.55	-240.37	-40.45	+0.13
149	72	355	0 G	-33.17	+2.91	+482.87	-240.37	-34.66	+0.13
149		0	1 Q1	-6.70	-0.22	-543.90	+139.66	-13.57	-0.16
149		355	1 Q1	-6.70	+0.36	-495.73	+139.66	-13.57	-0.16
149		0	11 M1	-1.57	-0.64	-41.76	+108.24	-5.93	-0.14
149		355	11 M1	-1.57	-0.14	-20.70	+108.24	-5.93	-0.14
149		0	12 M2	-8.13	+0.92	+409.62	-165.01	+25.61	+0.08
149		355	12 M2	-8.13	+0.62	+318.69	-165.01	+25.61	+0.08
149		0	13 M3	-2.02	+0.62	-325.04	+42.47	-11.08	+0.06
149		355	13 M3	-2.02	+0.41	-285.69	+42.47	-11.08	+0.06
149		0	14 M4	+0.36	+0.16	+8.75	-21.58	+1.27	+0.03
149		355	14 M4	+0.36	+0.04	+4.23	-21.58	+1.27	+0.03
149		0	15 M5	-0.51	-0.23	-19.61	+51.20	-2.69	-0.05
149		355	15 M5	-0.51	-0.04	-10.07	+51.20	-2.69	-0.05
149		0	16 M6	-12.35	-0.16	+237.43	-40.00	+16.60	-0.17
149		355	16 M6	-12.35	+0.44	+178.48	-40.00	+16.60	-0.17
149		0	17 M7	-3.25	+2.04	+192.36	-145.42	-11.27	+0.28
149		355	17 M7	-3.25	+1.05	+232.39	-145.42	-11.27	+0.28
149	71	0	M+ A	+0.00	+7.54	+1079.33	+110.52	+0.00	+0.59
149	72	355	M+ A	+0.00	+5.94	+1120.26	+110.52	+3.75	+0.59
149	71	0	M- A	-71.68	+0.00	-872.27	-567.21	-89.02	-0.34
149	72	355	M- A	-71.68	+0.00	-614.91	-567.21	-81.33	-0.34
150	71	0	0 G	+0.00	+0.00	+0.00	+0.17	-36.14	+0.09
150	455	555	0 G	+0.00	-0.52	+180.71	+0.17	-23.67	+0.09
150		0	1 Q1	+0.00	+0.00	+0.00	+0.48	+0.29	+0.37
150		555	1 Q1	+0.00	-2.04	-1.63	+0.48	+0.29	+0.37
150		0	11 M1	+0.00	+0.00	+0.00	+0.34	+0.08	+0.24
150		555	11 M1	+0.00	-1.35	-0.44	+0.34	+0.08	+0.24
150		0	12 M2	+0.00	+0.00	+0.00	-0.11	-25.69	-0.15
150		555	12 M2	+0.00	+0.82	+142.59	-0.11	-25.69	-0.15
150		0	13 M3	+0.00	+0.00	+0.00	-0.09	+0.10	+0.14
150		555	13 M3	+0.00	-0.80	-0.55	-0.09	+0.10	+0.14
150		0	14 M4	+0.00	+0.00	+0.00	-0.08	-0.02	-0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
150		555	14 M4	+0.00	+0.22	+0.09	-0.08	-0.02	-0.04
150		0	15 M5	+0.00	+0.00	+0.00	+0.13	+0.04	+0.13
150		555	15 M5	+0.00	-0.72	-0.20	+0.13	+0.04	+0.13
150		0	16 M6	+0.00	+0.00	+0.00	+0.50	-6.28	+0.10
150		555	16 M6	+0.00	-0.56	+34.83	+0.50	-6.28	+0.10
150		0	17 M7	+0.00	+0.00	+0.00	-0.54	-23.63	-0.12
150		555	17 M7	+0.00	+0.69	+131.13	-0.54	-23.63	-0.12
150	71	0	M+ A	+0.00	+0.00	+0.00	+1.63	+0.00	+0.99
150	455	555	M+ A	+0.00	+0.71	+454.23	+1.63	+0.00	+0.99
150	71	0	M- A	+0.00	+0.00	+0.00	-0.63	-86.60	-0.13
150	455	555	M- A	+0.00	-5.48	+0.00	-0.63	-70.01	-0.13
151	72	0	0 G	-33.17	+2.91	+482.87	-240.48	+1.04	+0.50
151	73	355	0 G	-33.17	+1.12	+470.09	-240.48	+6.16	+0.50
151		0	1 Q1	-6.70	+0.36	-495.73	+139.33	-13.54	+0.10
151		355	1 Q1	-6.70	+0.02	-447.67	+139.33	-13.54	+0.10
151		0	11 M1	-1.57	-0.14	-20.70	+108.02	-5.92	+0.01
151		355	11 M1	-1.57	-0.18	+0.31	+108.02	-5.92	+0.01
151		0	12 M2	-8.13	+0.62	+318.69	-164.89	+31.11	+0.11
151		355	12 M2	-8.13	+0.22	+208.24	-164.89	+31.11	+0.11
151		0	13 M3	-2.02	+0.41	-285.69	+42.35	-11.10	+0.08
151		355	13 M3	-2.02	+0.14	-246.30	+42.35	-11.10	+0.08
151		0	14 M4	+0.36	+0.04	+4.23	-21.54	+1.27	+0.00
151		355	14 M4	+0.36	+0.03	-0.27	-21.54	+1.27	+0.00
151		0	15 M5	-0.51	-0.04	-10.07	+51.09	-2.68	+0.02
151		355	15 M5	-0.51	-0.09	-0.56	+51.09	-2.68	+0.02
151		0	16 M6	-12.35	+0.44	+178.48	-40.10	+15.53	+0.11
151		355	16 M6	-12.35	+0.06	+123.34	-40.10	+15.53	+0.11
151		0	17 M7	-3.25	+1.05	+232.39	-145.32	-3.63	+0.16
151		355	17 M7	-3.25	+0.48	+245.28	-145.32	-3.63	+0.16
151	72	0	M+ A	+0.00	+5.94	+1120.26	+109.65	+48.06	+1.04
151	73	355	M+ A	+0.00	+2.23	+993.14	+109.65	+54.86	+1.04
151	72	0	M- A	-71.68	+0.00	-614.91	-567.16	-33.88	+0.00
151	73	355	M- A	-71.68	+0.00	-503.72	-567.16	-28.77	+0.00
152	72	0	0 G	+0.00	+0.00	+0.00	+0.37	-35.71	+0.10
152	457	555	0 G	+0.00	-0.57	+178.34	+0.37	-23.24	+0.10
152		0	1 Q1	+0.00	+0.00	+0.00	+0.26	-0.03	+0.33
152		555	1 Q1	+0.00	-1.83	+0.16	+0.26	-0.03	+0.33
152		0	11 M1	+0.00	+0.00	+0.00	+0.15	-0.01	+0.22
152		555	11 M1	+0.00	-1.21	+0.08	+0.15	-0.01	+0.22
152		0	12 M2	+0.00	+0.00	+0.00	+0.03	-5.50	-0.12
152		555	12 M2	+0.00	+0.68	+30.53	+0.03	-5.50	-0.12
152		0	13 M3	+0.00	+0.00	+0.00	+0.02	+0.01	+0.13
152		555	13 M3	+0.00	-0.71	-0.08	+0.02	+0.01	+0.13
152		0	14 M4	+0.00	+0.00	+0.00	-0.03	+0.00	-0.03
152		555	14 M4	+0.00	+0.19	-0.02	-0.03	+0.00	-0.03
152		0	15 M5	+0.00	+0.00	+0.00	+0.07	-0.01	+0.12
152		555	15 M5	+0.00	-0.65	+0.04	+0.07	-0.01	+0.12
152		0	16 M6	+0.00	+0.00	+0.00	+0.27	+1.07	+0.10
152		555	16 M6	+0.00	-0.55	-5.93	+0.27	+1.07	+0.10
152		0	17 M7	+0.00	+0.00	+0.00	-0.12	-7.64	-0.10
152		555	17 M7	+0.00	+0.58	+42.42	-0.12	-7.64	-0.10
152	72	0	M+ A	+0.00	+0.00	+0.00	+1.26	+0.00	+0.91
152	457	555	M+ A	+0.00	+0.44	+301.03	+1.26	+0.00	+0.91
152	72	0	M- A	+0.00	+0.00	+0.00	+0.00	-58.99	-0.08
152	457	555	M- A	+0.00	-5.04	+0.00	+0.00	-42.41	-0.08
153	73	0	0 G	-33.17	+1.12	+470.09	-240.60	+41.59	+1.12
153	74	355	0 G	-33.17	-2.86	+313.36	-240.60	+46.70	+1.12
153		0	1 Q1	-6.70	+0.02	-447.67	+139.04	-13.39	+0.29
153		355	1 Q1	-6.70	-1.01	-400.12	+139.04	-13.39	+0.29
153		0	11 M1	-1.57	-0.18	+0.31	+107.83	-5.89	+0.10
153		355	11 M1	-1.57	-0.54	+21.23	+107.83	-5.89	+0.10
153		0	12 M2	-8.13	+0.22	+208.24	-164.79	+29.92	+0.25
153		355	12 M2	-8.13	-0.67	+102.04	-164.79	+29.92	+0.25
153		0	13 M3	-2.02	+0.14	-246.30	+42.23	-11.66	+0.18
153		355	13 M3	-2.02	-0.49	-204.89	+42.23	-11.66	+0.18
153		0	14 M4	+0.36	+0.03	-0.27	-21.51	+1.26	-0.00
153		355	14 M4	+0.36	+0.04	-4.76	-21.51	+1.26	-0.00
153		0	15 M5	-0.51	-0.09	-0.56	+50.98	-2.67	+0.08
153		355	15 M5	-0.51	-0.37	+8.92	+50.98	-2.67	+0.08
153		0	16 M6	-12.35	+0.06	+123.34	-40.19	+14.96	+0.32
153		355	16 M6	-12.35	-1.07	+70.24	-40.19	+14.96	+0.32
153		0	17 M7	-3.25	+0.48	+245.28	-145.24	+17.30	+0.29
153		355	17 M7	-3.25	-0.56	+183.88	-145.24	+17.30	+0.29
153	73	0	M+ A	+0.00	+2.23	+993.14	+108.86	+100.19	+2.37
153	74	355	M+ A	+0.00	+0.00	+692.60	+108.86	+106.99	+2.37
153	73	0	M- A	-71.68	+0.00	-503.72	-567.19	+0.00	+0.00
153	74	355	M- A	-71.68	-6.78	-534.14	-567.19	+0.00	+0.00
154	73	0	0 G	+0.00	+0.00	+0.00	+0.62	-35.43	+0.12
154	459	555	0 G	+0.00	-0.68	+176.81	+0.62	-22.96	+0.12
154		0	1 Q1	+0.00	+0.00	+0.00	+0.20	-0.14	+0.29
154		555	1 Q1	+0.00	-1.59	+0.80	+0.20	-0.14	+0.29
154		0	11 M1	+0.00	+0.00	+0.00	+0.09	-0.02	+0.19
154		555	11 M1	+0.00	-1.04	+0.12	+0.09	-0.02	+0.19
154		0	12 M2	+0.00	+0.00	+0.00	+0.14	+1.20	-0.09
154		555	12 M2	+0.00	+0.51	-6.65	+0.14	+1.20	-0.09
154		0	13 M3	+0.00	+0.00	+0.00	+0.10	+0.57	+0.11
154		555	13 M3	+0.00	-0.63	-3.14	+0.10	+0.57	+0.11
154		0	14 M4	+0.00	+0.00	+0.00	-0.01	+0.00	-0.03
154		555	14 M4	+0.00	+0.16	-0.03	-0.01	+0.00	-0.03
154		0	15 M5	+0.00	+0.00	+0.00	+0.06	-0.01	+0.10
154		555	15 M5	+0.00	-0.56	+0.06	+0.06	-0.01	+0.10
154		0	16 M6	+0.00	+0.00	+0.00	+0.21	+0.58	+0.10
154		555	16 M6	+0.00	-0.54	-3.22	+0.21	+0.58	+0.10
154		0	17 M7	+0.00	+0.00	+0.00	+0.13	-20.93	-0.08
154		555	17 M7	+0.00	+0.45	+116.15	+0.13	-20.93	-0.08
154	73	0	M+ A	+0.00	+0.00	+0.00	+1.41	+0.00	+0.83
154	459	555	M+ A	+0.00	+0.09	+410.47	+1.41	+0.00	+0.83
154	73	0	M- A	+0.00	+0.00	+0.00	+0.00	-78.71	-0.02
154	459	555	M- A	+0.00	-4.62	+0.00	+0.00	-62.13	-0.02
155	74	0	0 G	-33.17	-2.86	+313.36	-240.75	+82.36	+1.66
155	75	355	0 G	-33.17	-8.74	+11.92	-240.75	+87.47	+1.66
155		0	1 Q1	-6.70	-1.01	-400.12	+138.80	-13.37	+0.42
155		355	1 Q1	-6.70	-2.51	-352.66	+138.80	-13.37	+0.42
155		0	11 M1	-1.57	-0.54	+21.23	+107.67	-5.89	+0.15
155		355	11 M1	-1.57	-1.09	+42.16	+107.67	-5.89	+0.15
155		0	12 M2	-8.13	-0.67	+102.04	-164.73	+29.43	+0.39

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
155		355	12 M2	-8.13	-2.05	-2.43	-164.73	+29.43	+0.39
155		0	13 M3	-2.02	-0.49	-204.89	+42.13	-12.26	+0.27
155		355	13 M3	-2.02	-1.44	-161.35	+42.13	-12.26	+0.27
155		0	14 M4	+0.36	+0.04	-4.76	-21.49	+1.26	-0.00
155		355	14 M4	+0.36	+0.06	-9.25	-21.49	+1.26	-0.00
155		0	15 M5	-0.51	-0.37	+8.92	+50.90	-2.67	+0.12
155		355	15 M5	-0.51	-0.78	+18.39	+50.90	-2.67	+0.12
155		0	16 M6	-12.35	-1.07	+70.24	-40.29	+14.96	+0.47
155		355	16 M6	-12.35	-2.75	+17.13	-40.29	+14.96	+0.47
155		0	17 M7	-3.25	-0.56	+183.88	-145.18	+46.15	+0.44
155		355	17 M7	-3.25	-2.13	+20.05	-145.18	+46.15	+0.44
155	74	0	M+ A	+0.00	+0.00	+692.60	+108.14	+178.76	+3.48
155	75	355	M+ A	+0.00	+0.00	+79.08	+108.14	+185.56	+3.48
155	74	0	M- A	-71.68	-6.78	-534.14	-567.29	+0.00	+0.00
155	75	355	M- A	-71.68	-19.14	-706.20	-567.29	+0.00	+0.00
156	74	0	0 G	+0.00	+0.00	+0.00	+0.53	-35.65	+0.15
156	461	555	0 G	+0.00	-0.82	+178.04	+0.53	-23.19	+0.15
156		0	1 Q1	+0.00	+0.00	+0.00	+0.13	-0.02	+0.25
156		555	1 Q1	+0.00	-1.36	+0.13	+0.13	-0.02	+0.25
156		0	11 M1	+0.00	+0.00	+0.00	+0.05	-0.00	+0.16
156		555	11 M1	+0.00	-0.88	+0.01	+0.05	-0.00	+0.16
156		0	12 M2	+0.00	+0.00	+0.00	+0.14	+0.49	-0.06
156		555	12 M2	+0.00	+0.34	-2.71	+0.14	+0.49	-0.06
156		0	13 M3	+0.00	+0.00	+0.00	+0.09	+0.60	+0.10
156		555	13 M3	+0.00	-0.54	-3.34	+0.09	+0.60	+0.10
156		0	14 M4	+0.00	+0.00	+0.00	-0.00	+0.00	-0.02
156		555	14 M4	+0.00	+0.13	-0.00	-0.00	+0.00	-0.02
156		0	15 M5	+0.00	+0.00	+0.00	+0.04	-0.00	+0.09
156		555	15 M5	+0.00	-0.48	+0.01	+0.04	-0.00	+0.09
156		0	16 M6	+0.00	+0.00	+0.00	+0.15	-0.01	+0.10
156		555	16 M6	+0.00	-0.53	+0.03	+0.15	-0.01	+0.10
156		0	17 M7	+0.00	+0.00	+0.00	+0.15	-28.85	-0.05
156		555	17 M7	+0.00	+0.30	+160.14	+0.15	-28.85	-0.05
156	74	0	M+ A	+0.00	+0.00	+0.00	+1.11	+0.00	+0.77
156	461	555	M+ A	+0.00	+0.00	+477.18	+1.11	+0.00	+0.77
156	74	0	M- A	+0.00	+0.00	+0.00	+0.00	-90.73	+0.00
156	461	555	M- A	+0.00	-4.25	+0.00	+0.00	-74.15	+0.00
157	75	0	0 G	-33.17	-8.74	+11.92	-240.93	+125.34	-0.17
157	76	355	0 G	-33.17	-8.14	-442.11	-240.93	+130.45	-0.17
157		0	1 Q1	-6.70	-2.51	-352.66	+138.59	-13.36	-0.21
157		355	1 Q1	-6.70	-1.78	-305.21	+138.59	-13.36	-0.21
157		0	11 M1	-1.57	-1.09	+42.16	+107.54	-6.08	-0.17
157		355	11 M1	-1.57	-0.50	+63.75	+107.54	-6.08	-0.17
157		0	12 M2	-8.13	-2.05	-2.43	-164.70	+29.86	-0.03
157		355	12 M2	-8.13	-1.95	-108.45	-164.70	+29.86	-0.03
157		0	13 M3	-2.02	-1.44	-161.35	+42.05	-3.27	-0.05
157		355	13 M3	-2.02	-1.28	-149.73	+42.05	-3.27	-0.05
157		0	14 M4	+0.36	+0.06	-9.25	-21.47	+1.30	+0.02
157		355	14 M4	+0.36	-0.02	-13.88	-21.47	+1.30	+0.02
157		0	15 M5	-0.51	-0.78	+18.39	+50.82	-2.76	-0.10
157		355	15 M5	-0.51	-0.44	+28.18	+50.82	-2.76	-0.10
157		0	16 M6	-12.35	-2.75	+17.13	-40.38	+15.16	-0.19
157		355	16 M6	-12.35	-2.08	-36.70	-40.38	+15.16	-0.19
157		0	17 M7	-3.25	-2.13	+20.05	-145.16	+70.01	+0.07
157		355	17 M7	-3.25	-2.37	-228.49	-145.16	+70.01	+0.07
157	75	0	M+ A	+0.00	+0.00	+79.08	+107.48	+271.72	+0.00
157	76	355	M+ A	+0.00	+0.00	+0.00	+107.48	+278.52	+0.00
157	75	0	M- A	-71.68	-19.14	-706.20	-567.49	+0.00	-0.78
157	76	355	M- A	-71.68	-16.79	-1342.79	-567.49	+0.00	-0.78
158	75	0	0 G	+0.00	+0.00	+0.00	-1.82	-37.87	+0.18
158	463	555	0 G	+0.00	-1.00	+190.32	-1.82	-25.40	+0.18
158		0	1 Q1	+0.00	+0.00	+0.00	-0.63	-0.01	+0.21
158		555	1 Q1	+0.00	-1.14	+0.03	-0.63	-0.01	+0.21
158		0	11 M1	+0.00	+0.00	+0.00	-0.32	+0.19	+0.13
158		555	11 M1	+0.00	-0.72	-1.05	-0.32	+0.19	+0.13
158		0	12 M2	+0.00	+0.00	+0.00	-0.42	-0.44	-0.03
158		555	12 M2	+0.00	+0.16	+2.43	-0.42	-0.44	-0.03
158		0	13 M3	+0.00	+0.00	+0.00	-0.31	-8.99	+0.08
158		555	13 M3	+0.00	-0.47	+49.89	-0.31	-8.99	+0.08
158		0	14 M4	+0.00	+0.00	+0.00	+0.03	-0.04	-0.02
158		555	14 M4	+0.00	+0.11	+0.22	+0.03	-0.04	-0.02
158		0	15 M5	+0.00	+0.00	+0.00	-0.21	+0.09	+0.07
158		555	15 M5	+0.00	-0.40	-0.50	-0.21	+0.09	+0.07
158		0	16 M6	+0.00	+0.00	+0.00	-0.66	-0.20	+0.10
158		555	16 M6	+0.00	-0.54	+1.12	-0.66	-0.20	+0.10
158		0	17 M7	+0.00	+0.00	+0.00	-0.37	-23.86	-0.03
158		555	17 M7	+0.00	+0.14	+132.43	-0.37	-23.86	-0.03
158	75	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.71
158	463	555	M+ A	+0.00	+0.00	+451.82	+0.00	+0.00	+0.71
158	75	0	M- A	+0.00	+0.00	+0.00	-4.26	-86.16	+0.00
158	463	555	M- A	+0.00	-3.96	+0.00	-4.26	-69.58	+0.00
159	76	0	0 G	-33.17	-8.14	-442.11	-241.14	+167.66	-9.49
159	77	355	0 G	-33.17	+25.53	-1046.39	-241.14	+172.78	-9.49
159		0	1 Q1	-6.70	-1.78	-305.21	+138.43	-13.65	-3.13
159		355	1 Q1	-6.70	+9.33	-256.76	+138.43	-13.65	-3.13
159		0	11 M1	-1.57	-0.50	+63.75	+107.44	-6.20	-1.57
159		355	11 M1	-1.57	+5.07	+85.77	+107.44	-6.20	-1.57
159		0	12 M2	-8.13	-1.95	-108.45	-164.71	+30.15	-2.23
159		355	12 M2	-8.13	+5.96	-215.49	-164.71	+30.15	-2.23
159		0	13 M3	-2.02	-1.28	-149.73	+41.98	+20.71	-1.59
159		355	13 M3	-2.02	+4.37	-223.24	+41.98	+20.71	-1.59
159		0	14 M4	+0.36	-0.02	-13.88	-21.45	+1.33	+0.12
159		355	14 M4	+0.36	-0.45	-18.60	-21.45	+1.33	+0.12
159		0	15 M5	-0.51	-0.44	+28.18	+50.77	-2.81	-1.05
159		355	15 M5	-0.51	+3.29	+38.17	+50.77	-2.81	-1.05
159		0	16 M6	-12.35	-2.08	-36.70	-40.48	+15.26	-3.37
159		355	16 M6	-12.35	+9.90	-90.87	-40.48	+15.26	-3.37
159		0	17 M7	-3.25	-2.37	-228.49	-145.16	+78.55	-2.01
159		355	17 M7	-3.25	+4.78	-507.34	-145.16	+78.55	-2.01
159	76	0	M+ A	+0.00	+0.00	+0.00	+106.89	+340.82	+0.00
159	77	355	M+ A	+0.00	+61.40	+0.00	+106.89	+347.62	+0.00
159	76	0	M- A	-71.68	-16.79	-1342.79	-567.79	+0.00	-21.90
159	77	355	M- A	-71.68	+0.00	-2499.35	-567.79	+0.00	-21.90
160	76	0	0 G	+0.00	+0.00	+0.00	-9.32	-37.21	+0.22
160	465	555	0 G	+0.00	-1.21	+186.68	-9.32	-24.74	+0.22
160		0	1 Q1	+0.00	+0.00	+0.00	-2.92	+0.28	+0.17

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
160		555	1 Q1	+0.00	-0.92	-1.57	-2.92	+0.28	+0.17
160		0	11 M1	+0.00	+0.00	+0.00	-1.40	+0.12	+0.10
160		555	11 M1	+0.00	-0.56	-0.66	-1.40	+0.12	+0.10
160		0	12 M2	+0.00	+0.00	+0.00	-2.20	-0.29	+0.01
160		555	12 M2	+0.00	-0.03	+1.60	-2.20	-0.29	+0.01
160		0	13 M3	+0.00	+0.00	+0.00	-1.54	-23.98	+0.07
160		555	13 M3	+0.00	-0.40	+133.10	-1.54	-23.98	+0.07
160		0	14 M4	+0.00	+0.00	+0.00	+0.10	-0.02	-0.01
160		555	14 M4	+0.00	+0.08	+0.14	+0.10	-0.02	-0.01
160		0	15 M5	+0.00	+0.00	+0.00	-0.95	+0.06	+0.06
160		555	15 M5	+0.00	-0.32	-0.31	-0.95	+0.06	+0.06
160		0	16 M6	+0.00	+0.00	+0.00	-3.19	-0.10	+0.10
160		555	16 M6	+0.00	-0.55	+0.53	-3.19	-0.10	+0.10
160		0	17 M7	+0.00	+0.00	+0.00	-2.08	-8.54	+0.01
160		555	17 M7	+0.00	-0.03	+47.38	-2.08	-8.54	+0.01
160	76	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.66
160	465	555	M+ A	+0.00	+0.00	+447.93	+0.00	+0.00	+0.66
160	76	0	M- A	+0.00	+0.00	+0.00	-21.12	-85.46	+0.00
160	465	555	M- A	+0.00	-3.69	+0.00	-21.12	-68.88	+0.00
161	77	0	0 G	-33.17	+25.53	-1046.39	-241.38	+187.01	-27.64
161	78	355	0 G	-33.17	+123.66	-1721.06	-241.38	+193.09	-27.64
161		0	1 Q1	-6.70	+9.33	-256.76	+138.31	-13.61	-8.44
161		355	1 Q1	-6.70	+39.29	-208.46	+138.31	-13.61	-8.44
161		0	11 M1	-1.57	+5.07	+85.77	+107.37	-4.41	-3.97
161		355	11 M1	-1.57	+19.16	+101.43	+107.37	-4.41	-3.97
161		0	12 M2	-8.13	+5.96	-215.49	-164.74	+26.31	-6.59
161		355	12 M2	-8.13	+29.36	-308.89	-164.74	+26.31	-6.59
161		0	13 M3	-2.02	+4.37	-223.24	+41.92	+28.18	-4.53
161		355	13 M3	-2.02	+20.44	-323.27	+41.92	+28.18	-4.53
161		0	14 M4	+0.36	-0.45	-18.60	-21.45	+0.96	+0.27
161		355	14 M4	+0.36	-1.39	-22.01	-21.45	+0.96	+0.27
161		0	15 M5	-0.51	+3.29	+38.17	+50.73	-1.96	-2.71
161		355	15 M5	-0.51	+12.92	+45.13	+50.73	-1.96	-2.71
161		0	16 M6	-12.35	+9.90	-90.87	-40.58	+13.81	-9.34
161		355	16 M6	-12.35	+43.05	-139.89	-40.58	+13.81	-9.34
161		0	17 M7	-3.25	+4.78	-507.34	-145.19	+87.97	-6.26
161		355	17 M7	-3.25	+27.01	-819.64	-145.19	+87.97	-6.26
161	77	0	M+ A	+0.00	+61.40	+0.00	+106.39	+380.68	+0.00
161	78	355	M+ A	+0.00	+282.09	+0.00	+106.39	+388.76	+0.00
161	77	0	M- A	-71.68	+0.00	-2499.35	-568.15	+0.00	-62.17
161	78	355	M- A	-71.68	+0.00	-3799.90	-568.15	+0.00	-62.17
162	77	0	0 G	+0.00	+0.00	+0.00	-18.16	-14.23	+0.24
162	467	555	0 G	+0.00	-1.31	+59.16	-18.16	-1.76	+0.24
162		0	1 Q1	+0.00	+0.00	+0.00	-5.31	-0.04	+0.12
162		555	1 Q1	+0.00	-0.67	+0.23	-5.31	-0.04	+0.12
162		0	11 M1	+0.00	+0.00	+0.00	-2.40	-1.79	+0.07
162		555	11 M1	+0.00	-0.38	+9.93	-2.40	-1.79	+0.07
162		0	12 M2	+0.00	+0.00	+0.00	-4.37	+3.84	+0.03
162		555	12 M2	+0.00	-0.19	-21.33	-4.37	+3.84	+0.03
162		0	13 M3	+0.00	+0.00	+0.00	-2.94	-7.47	+0.06
162		555	13 M3	+0.00	-0.31	+41.46	-2.94	-7.47	+0.06
162		0	14 M4	+0.00	+0.00	+0.00	+0.15	+0.37	-0.01
162		555	14 M4	+0.00	+0.04	-2.03	+0.15	+0.37	-0.01
162		0	15 M5	+0.00	+0.00	+0.00	-1.67	-0.85	+0.04
162		555	15 M5	+0.00	-0.23	+4.73	-1.67	-0.85	+0.04
162		0	16 M6	+0.00	+0.00	+0.00	-5.96	+1.45	+0.09
162		555	16 M6	+0.00	-0.51	-8.04	-5.96	+1.45	+0.09
162		0	17 M7	+0.00	+0.00	+0.00	-4.25	-9.42	+0.03
162		555	17 M7	+0.00	-0.18	+52.29	-4.25	-9.42	+0.03
162	77	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.61
162	467	555	M+ A	+0.00	+0.00	+157.42	+0.00	+4.00	+0.61
162	77	0	M- A	+0.00	+0.00	+0.00	-40.26	-33.12	+0.00
162	467	555	M- A	+0.00	-3.41	+0.00	-40.26	-16.54	+0.00
163	78	0	0 G	+14.64	-123.74	-1767.56	-339.89	-207.02	-26.39
163	79	321	0 G	+14.64	-39.02	-1111.85	-339.89	-201.52	-26.39
163		0	1 Q1	+2.39	-40.65	-728.99	+167.31	-189.88	-9.10
163		321	1 Q1	+2.39	-11.45	-119.46	+167.31	-189.88	-9.10
163		0	11 M1	-1.83	-19.96	+30.30	+100.01	-17.46	-4.64
163		321	11 M1	-1.83	-5.07	+86.34	+100.01	-17.46	-4.64
163		0	12 M2	+3.01	-28.54	-110.96	-213.36	+36.35	-6.03
163		321	12 M2	+3.01	-9.20	-227.65	-213.36	+36.35	-6.03
163		0	13 M3	-2.18	-21.20	-595.79	+58.54	-129.97	-4.58
163		321	13 M3	-2.18	-6.50	-178.59	+58.54	-129.97	-4.58
163		0	14 M4	+0.36	+1.52	-6.30	-22.16	+3.86	+0.37
163		321	14 M4	+0.36	+0.33	-18.71	-22.16	+3.86	+0.37
163		0	15 M5	-0.90	-13.35	+14.00	+43.82	-7.68	-3.08
163		321	15 M5	-0.90	-3.45	+38.65	+43.82	-7.68	-3.08
163		0	16 M6	+0.47	-43.11	-51.67	-87.19	+14.73	-9.52
163		321	16 M6	+0.47	-12.55	-98.96	-87.19	+14.73	-9.52
163		0	17 M7	+3.56	-27.39	-824.34	-168.38	-88.26	-5.54
163		321	17 M7	+3.56	-9.62	-541.04	-168.38	-88.26	-5.54
163	78	0	M+ A	+28.05	+0.00	+0.00	+35.99	+0.00	+0.00
163	79	321	M+ A	+28.05	+0.00	+0.00	+35.99	+0.00	+0.00
163	78	0	M- A	+0.00	-284.13	-4571.50	-772.11	-726.62	-61.67
163	79	321	M- A	+0.00	-86.18	-2451.61	-772.11	-719.32	-61.67
164	78	0	0 G	-7.39	+251.13	+295.98	-20.74	+35.12	+103.90
164	469	555	0 G	-7.39	-325.49	+50.75	-20.74	+58.57	+103.90
164		0	1 Q1	-21.41	+81.09	-4.08	+0.20	-9.93	+33.55
164		555	1 Q1	-21.41	-105.11	+51.06	+0.20	-9.93	+33.55
164		0	11 M1	-1.07	+39.47	-37.14	+2.53	-8.78	+16.35
164		555	11 M1	-1.07	-51.24	+11.61	+2.53	-8.78	+16.35
164		0	12 M2	-0.48	+58.89	+90.10	-6.32	+20.39	+24.35
164		555	12 M2	-0.48	-76.27	-23.07	-6.32	+20.39	+24.35
164		0	13 M3	-20.79	+42.13	+18.96	-2.05	-5.40	+17.44
164		555	13 M3	-20.79	-54.65	+48.93	-2.05	-5.40	+17.44
164		0	14 M4	-0.18	-2.94	+7.51	-0.55	+1.79	-1.22
164		555	14 M4	-0.18	+3.81	-2.40	-0.55	+1.79	-1.22
164		0	15 M5	-1.42	+26.44	-18.05	+1.16	-4.24	+10.96
164		555	15 M5	-1.42	-34.38	+5.46	+1.16	-4.24	+10.96
164		0	16 M6	-1.32	+86.78	+42.12	-2.75	+8.88	+35.94
164		555	16 M6	-1.32	-112.72	-7.19	-2.75	+8.88	+35.94
164		0	17 M7	+0.52	+56.25	+101.36	-8.06	+6.42	+23.19
164		555	17 M7	+0.52	-72.47	+65.70	-8.06	+6.42	+23.19
164	78	0	M+ A	+0.00	+573.63	+545.69	+0.00	+77.30	+237.39
164	469	555	M+ A	+0.00	+0.00	+234.98	+0.00	+108.48	+237.39
164	78	0	M- A	-69.91	+0.00	+0.00	-39.68	+0.00	+0.00
164	469	555	M- A	-69.91	-743.87	+0.00	-39.68	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
165	78	0	0 G	-3.72	-248.17	+53.88	-435.16	+5.38	-21.99
165	258	753	0 G	-3.72	-82.55	+13.37	-426.37	+5.38	-21.99
165		0	1 Q1	-1.14	+13.17	+541.93	+123.20	+62.56	+0.86
165		753	1 Q1	-1.14	+6.69	+70.89	+123.20	+62.56	+0.86
165		0	11 M1	-0.34	+36.88	+72.21	+94.26	+8.98	+3.20
165		753	11 M1	-0.34	+12.75	+4.58	+94.26	+8.98	+3.20
165		0	12 M2	-0.98	-78.96	-197.46	-203.82	-24.27	-6.89
165		753	12 M2	-0.98	-27.08	-14.73	-203.82	-24.27	-6.89
165		0	13 M3	-0.50	-19.11	+293.31	+32.94	+34.06	-2.00
165		753	13 M3	-0.50	-4.06	+36.86	+32.94	+34.06	-2.00
165		0	14 M4	+0.03	-7.51	-15.53	-21.03	-1.93	-0.65
165		753	14 M4	+0.03	-2.59	-1.01	-21.03	-1.93	-0.65
165		0	15 M5	-0.17	+17.66	+32.55	+41.04	+4.06	+1.53
165		753	15 M5	-0.17	+6.12	+2.02	+41.04	+4.06	+1.53
165		0	16 M6	-0.61	-29.29	-86.90	-84.53	-10.67	-2.57
165		753	16 M6	-0.61	-9.92	-6.58	-84.53	-10.67	-2.57
165		0	17 M7	-1.85	-94.54	+4.18	-181.59	+0.01	-8.79
165		753	17 M7	-1.85	-28.34	+4.10	-181.59	+0.01	-8.79
165	78	0	M+ A	+0.00	+0.00	+1243.24	+0.00	+142.69	+0.00
165	258	753	M+ A	+0.00	+0.00	+168.76	+0.00	+142.69	+0.00
165	78	0	M- A	-9.26	-471.87	-242.30	-884.50	-31.02	-42.44
165	258	753	M- A	-9.26	-152.30	-8.73	-872.80	-31.02	-42.44
166	79	0	0 G	+14.64	-39.02	-1111.85	-340.22	-190.49	-12.00
166	80	322	0 G	+14.64	-0.40	-505.95	-340.22	-185.85	-12.00
166		0	1 Q1	+2.39	-11.45	-119.46	+167.26	-170.97	-3.84
166		322	1 Q1	+2.39	+0.93	+431.05	+167.26	-170.97	-3.84
166		0	11 M1	-1.83	-5.07	+86.34	+99.99	-15.46	-1.86
166		322	11 M1	-1.83	+0.91	+136.10	+99.99	-15.46	-1.86
166		0	12 M2	+3.01	-9.20	-227.65	-213.46	+32.03	-2.79
166		322	12 M2	+3.01	-0.22	-330.79	-213.46	+32.03	-2.79
166		0	13 M3	-2.18	-6.50	-178.59	+58.51	-112.46	-2.03
166		322	13 M3	-2.18	+0.03	+183.54	+58.51	-112.46	-2.03
166		0	14 M4	+0.36	+0.33	-18.71	-22.16	+3.45	+0.13
166		322	14 M4	+0.36	-0.10	-29.82	-22.16	+3.45	+0.13
166		0	15 M5	-0.90	-3.45	+38.65	+43.80	-6.72	-1.25
166		322	15 M5	-0.90	+0.58	+60.30	+43.80	-6.72	-1.25
166		0	16 M6	+0.47	-12.55	-98.96	-87.29	+13.10	-4.12
166		322	16 M6	+0.47	+0.71	-141.15	-87.29	+13.10	-4.12
166		0	17 M7	+3.56	-9.62	-541.04	-168.47	-79.74	-2.69
166		322	17 M7	+3.56	-0.95	-284.27	-168.47	-79.74	-2.69
166	79	0	M+ A	+28.05	+0.00	+0.00	+35.57	+0.00	+0.00
166	80	322	M+ A	+28.05	+2.23	+351.28	+35.57	+0.00	+0.00
166	79	0	M- A	+0.00	-86.18	-2451.61	-772.68	-652.85	-27.32
166	80	322	M- A	+0.00	-1.94	-1169.09	-772.68	-646.68	-27.32
167	79	0	0 G	+0.00	+0.00	+0.00	+14.40	-11.03	+0.32
167	471	555	0 G	+0.00	-1.79	+41.39	+14.40	+1.44	+0.32
167		0	1 Q1	+0.00	+0.00	+0.00	+5.26	-18.91	+0.05
167		555	1 Q1	+0.00	-0.29	+104.98	+5.26	-18.91	+0.05
167		0	11 M1	+0.00	+0.00	+0.00	+2.79	-2.00	+0.02
167		555	11 M1	+0.00	-0.12	+11.12	+2.79	-2.00	+0.02
167		0	12 M2	+0.00	+0.00	+0.00	+3.24	+4.32	+0.10
167		555	12 M2	+0.00	-0.55	-23.98	+3.24	+4.32	+0.10
167		0	13 M3	+0.00	+0.00	+0.00	+2.55	-17.50	+0.03
167		555	13 M3	+0.00	-0.19	+97.15	+2.55	-17.50	+0.03
167		0	14 M4	+0.00	+0.00	+0.00	-0.24	+0.41	+0.00
167		555	14 M4	+0.00	-0.01	-2.28	-0.24	+0.41	+0.00
167		0	15 M5	+0.00	+0.00	+0.00	+1.83	-0.95	+0.02
167		555	15 M5	+0.00	-0.10	+5.29	+1.83	-0.95	+0.02
167		0	16 M6	+0.00	+0.00	+0.00	+5.40	+1.63	+0.10
167		555	16 M6	+0.00	-0.58	-9.03	+5.40	+1.63	+0.10
167		0	17 M7	+0.00	+0.00	+0.00	+2.84	-8.51	+0.09
167		555	17 M7	+0.00	-0.50	+47.25	+2.84	-8.51	+0.09
167	79	0	M+ A	+0.00	+0.00	+0.00	+34.35	+0.00	+0.66
167	471	555	M+ A	+0.00	+0.00	+342.49	+34.35	+8.39	+0.66
167	79	0	M- A	+0.00	+0.00	+0.00	+0.00	-66.46	+0.00
167	471	555	M- A	+0.00	-3.65	+0.00	+0.00	-50.35	+0.00
168	80	0	0 G	+14.64	-0.40	-505.95	-340.63	-151.36	-2.26
168	81	321	0 G	+14.64	+6.87	-27.51	-340.63	-146.73	-2.26
168		0	1 Q1	+2.39	+0.93	+431.05	+167.24	-144.82	-0.57
168		321	1 Q1	+2.39	+2.76	+895.93	+167.24	-144.82	-0.57
168		0	11 M1	-1.83	+0.91	+136.10	+99.99	-15.45	-0.21
168		321	11 M1	-1.83	+1.57	+185.70	+99.99	-15.45	-0.21
168		0	12 M2	+3.01	-0.22	-330.79	-213.61	+32.01	-0.54
168		321	12 M2	+3.01	+1.53	-433.53	-213.61	+32.01	-0.54
168		0	13 M3	-2.18	+0.03	+183.54	+58.48	-87.56	-0.36
168		321	13 M3	-2.18	+1.20	+464.60	+58.48	-87.56	-0.36
168		0	14 M4	+0.36	-0.10	-29.82	-22.17	+3.45	+0.01
168		321	14 M4	+0.36	-0.13	-40.90	-22.17	+3.45	+0.01
168		0	15 M5	-0.90	+0.58	+60.30	+43.79	-6.72	-0.15
168		321	15 M5	-0.90	+1.06	+81.88	+43.79	-6.72	-0.15
168		0	16 M6	+0.47	+0.71	-141.15	-87.42	+13.08	-0.65
168		321	16 M6	+0.47	+2.79	-183.15	-87.42	+13.08	-0.65
168		0	17 M7	+3.56	-0.95	-284.27	-168.60	-72.65	-0.62
168		321	17 M7	+3.56	+1.04	-51.06	-168.60	-72.65	-0.62
168	80	0	M+ A	+28.05	+2.23	+351.28	+35.12	+0.00	+0.00
168	81	321	M+ A	+28.05	+17.05	+1878.90	+35.12	+0.00	+0.00
168	80	0	M- A	+0.00	-1.94	-1169.09	-773.46	-528.15	-4.75
168	81	321	M- A	+0.00	+0.00	-686.89	-773.46	-522.00	-4.75
169	80	0	0 G	+0.00	+0.00	+0.00	+9.73	-34.49	+0.42
169	473	555	0 G	+0.00	-2.32	+171.60	+9.73	-22.03	+0.42
169		0	1 Q1	+0.00	+0.00	+0.00	+3.28	-26.15	+0.02
169		555	1 Q1	+0.00	-0.13	+145.11	+3.28	-26.15	+0.02
169		0	11 M1	+0.00	+0.00	+0.00	+1.65	-0.01	+0.00
169		555	11 M1	+0.00	-0.01	+0.03	+1.65	-0.01	+0.00
169		0	12 M2	+0.00	+0.00	+0.00	+2.25	+0.02	+0.15
169		555	12 M2	+0.00	-0.83	-0.14	+2.25	+0.02	+0.15
169		0	13 M3	+0.00	+0.00	+0.00	+1.67	-24.90	+0.03
169		555	13 M3	+0.00	-0.14	+138.22	+1.67	-24.90	+0.03
169		0	14 M4	+0.00	+0.00	+0.00	-0.13	+0.00	+0.01
169		555	14 M4	+0.00	-0.03	-0.00	-0.13	+0.00	+0.01
169		0	15 M5	+0.00	+0.00	+0.00	+1.10	-0.00	+0.01
169		555	15 M5	+0.00	-0.06	+0.02	+1.10	-0.00	+0.01
169		0	16 M6	+0.00	+0.00	+0.00	+3.47	+0.02	+0.13
169		555	16 M6	+0.00	-0.72	-0.11	+3.47	+0.02	+0.13
169		0	17 M7	+0.00	+0.00	+0.00	+2.07	-7.09	+0.13
169		555	17 M7	+0.00	-0.74	+39.35	+2.07	-7.09	+0.13
169	80	0	M+ A	+0.00	+0.00	+0.00	+22.57	+0.00	+0.81

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
169	473	555	M+ A	+0.00	+0.00	+631.46	+22.57	+0.00	+0.81
169	80	0	M- A	+0.00	+0.00	+0.00	+0.00	-118.53	+0.00
169	473	555	M- A	+0.00	-4.50	+0.00	+0.00	-101.95	+0.00
170	81	0	0 G	+14.64	+6.87	-27.51	-341.12	-109.59	+0.69
170	82	322	0 G	+14.64	+4.66	+317.91	-341.12	-104.96	+0.69
170		0	1 Q1	+2.39	+2.76	+895.93	+167.25	-118.52	+0.36
170		322	1 Q1	+2.39	+1.59	+1277.57	+167.25	-118.52	+0.36
170		0	11 M1	-1.83	+1.57	+185.70	+100.01	-15.69	+0.24
170		322	11 M1	-1.83	+0.80	+236.22	+100.01	-15.69	+0.24
170		0	12 M2	+3.01	+1.53	-433.53	-213.81	+32.54	+0.15
170		322	12 M2	+3.01	+1.04	-538.31	-213.81	+32.54	+0.15
170		0	13 M3	-2.18	+1.20	+464.60	+58.47	-75.37	+0.13
170		322	13 M3	-2.18	+0.77	+707.29	+58.47	-75.37	+0.13
170		0	14 M4	+0.36	-0.13	-40.90	-22.18	+3.50	-0.02
170		322	14 M4	+0.36	-0.05	-52.18	-22.18	+3.50	-0.02
170		0	15 M5	-0.90	+1.06	+81.88	+43.79	-6.83	+0.15
170		322	15 M5	-0.90	+0.56	+103.88	+43.79	-6.83	+0.15
170		0	16 M6	+0.47	+2.79	-183.15	-87.57	+13.29	+0.36
170		322	16 M6	+0.47	+1.64	-225.96	-87.57	+13.29	+0.36
170		0	17 M7	+3.56	+1.04	-51.06	-168.77	-55.67	+0.04
170		322	17 M7	+3.56	+0.91	+128.19	-168.77	-55.67	+0.04
170	81	0	M+ A	+28.05	+17.05	+1878.90	+34.68	+0.00	+1.94
170	82	322	M+ A	+28.05	+10.81	+3208.48	+34.68	+0.00	+1.94
170	81	0	M- A	+0.00	+0.00	-686.89	-774.41	-418.82	+0.00
170	82	322	M- A	+0.00	+0.00	-489.55	-774.41	-412.65	+0.00
171	81	0	0 G	+0.00	+0.00	+0.00	+2.95	-37.14	+0.49
171	475	555	0 G	+0.00	-2.71	+186.28	+2.95	-24.67	+0.49
171		0	1 Q1	+0.00	+0.00	+0.00	+0.93	-26.30	-0.01
171		555	1 Q1	+0.00	+0.08	+145.98	+0.93	-26.30	-0.01
171		0	11 M1	+0.00	+0.00	+0.00	+0.45	+0.24	-0.02
171		555	11 M1	+0.00	+0.12	-1.33	+0.45	+0.24	-0.02
171		0	12 M2	+0.00	+0.00	+0.00	+0.70	-0.53	+0.19
171		555	12 M2	+0.00	-1.08	+2.95	+0.70	-0.53	+0.19
171		0	13 M3	+0.00	+0.00	+0.00	+0.49	-12.19	+0.01
171		555	13 M3	+0.00	-0.07	+67.65	+0.49	-12.19	+0.01
171		0	14 M4	+0.00	+0.00	+0.00	-0.03	-0.05	+0.01
171		555	14 M4	+0.00	-0.06	+0.28	-0.03	-0.05	+0.01
171		0	15 M5	+0.00	+0.00	+0.00	+0.30	+0.11	+0.00
171		555	15 M5	+0.00	-0.00	-0.63	+0.30	+0.11	+0.00
171		0	16 M6	+0.00	+0.00	+0.00	+1.01	-0.21	+0.15
171		555	16 M6	+0.00	-0.81	+1.16	+1.01	-0.21	+0.15
171		0	17 M7	+0.00	+0.00	+0.00	+0.66	-16.98	+0.17
171		555	17 M7	+0.00	-0.94	+94.25	+0.66	-16.98	+0.17
171	81	0	M+ A	+0.00	+0.00	+0.00	+6.69	+0.00	+0.94
171	475	555	M+ A	+0.00	+0.00	+586.20	+6.69	+0.00	+0.94
171	81	0	M- A	+0.00	+0.00	+0.00	+0.00	-110.38	+0.00
171	475	555	M- A	+0.00	-5.23	+0.00	+0.00	-93.79	+0.00
172	82	0	0 G	+14.64	+4.66	+317.91	-341.68	-70.31	+0.64
172	83	321	0 G	+14.64	+2.60	+536.18	-341.68	-65.69	+0.64
172		0	1 Q1	+2.39	+1.59	+1277.57	+167.30	-92.83	+0.31
172		321	1 Q1	+2.39	+0.61	+1575.54	+167.30	-92.83	+0.31
172		0	11 M1	-1.83	+0.80	+236.22	+100.05	-15.71	+0.20
172		321	11 M1	-1.83	+0.14	+286.63	+100.05	-15.71	+0.20
172		0	12 M2	+3.01	+1.04	-538.31	-214.05	+32.58	+0.15
172		321	12 M2	+3.01	+0.55	-642.89	-214.05	+32.58	+0.15
172		0	13 M3	-2.18	+0.77	+707.29	+58.47	-66.04	+0.12
172		321	13 M3	-2.18	+0.38	+919.28	+58.47	-66.04	+0.12
172		0	14 M4	+0.36	-0.05	-52.18	-22.19	+3.51	-0.02
172		321	14 M4	+0.36	+0.01	-63.44	-22.19	+3.51	-0.02
172		0	15 M5	-0.90	+0.56	+103.88	+43.80	-6.84	+0.13
172		321	15 M5	-0.90	+0.14	+125.84	+43.80	-6.84	+0.13
172		0	16 M6	+0.47	+1.64	-225.96	-87.73	+13.31	+0.32
172		321	16 M6	+0.47	+0.60	-268.69	-87.73	+13.31	+0.32
172		0	17 M7	+3.56	+0.91	+128.19	-168.97	-29.51	+0.06
172		321	17 M7	+3.56	+0.73	+222.93	-168.97	-29.51	+0.06
172	82	0	M+ A	+28.05	+10.81	+3208.48	+34.26	+0.00	+1.76
172	83	321	M+ A	+28.05	+5.36	+4219.02	+34.26	+0.00	+1.76
172	82	0	M- A	+0.00	+0.00	-489.55	-775.50	-317.88	+0.00
172	83	321	M- A	+0.00	+0.00	-428.15	-775.50	-311.73	+0.00
173	82	0	0 G	+0.00	+0.00	+0.00	-0.04	-34.65	+0.55
173	477	555	0 G	+0.00	-3.07	+172.45	-0.04	-22.18	+0.55
173		0	1 Q1	+0.00	+0.00	+0.00	-0.05	-25.69	-0.05
173		555	1 Q1	+0.00	+0.29	+142.60	-0.05	-25.69	-0.05
173		0	11 M1	+0.00	+0.00	+0.00	-0.04	+0.02	-0.04
173		555	11 M1	+0.00	+0.24	-0.09	-0.04	+0.02	-0.04
173		0	12 M2	+0.00	+0.00	+0.00	+0.00	-0.04	+0.24
173		555	12 M2	+0.00	-1.32	+0.23	+0.00	-0.04	+0.24
173		0	13 M3	+0.00	+0.00	+0.00	-0.01	-9.33	-0.00
173		555	13 M3	+0.00	+0.01	+51.79	-0.01	-9.33	-0.00
173		0	14 M4	+0.00	+0.00	+0.00	+0.00	-0.00	+0.02
173		555	14 M4	+0.00	-0.09	+0.02	+0.00	-0.00	+0.02
173		0	15 M5	+0.00	+0.00	+0.00	-0.02	+0.01	-0.01
173		555	15 M5	+0.00	+0.06	-0.04	-0.02	+0.01	-0.01
173		0	16 M6	+0.00	+0.00	+0.00	-0.04	-0.02	+0.16
173		555	16 M6	+0.00	-0.89	+0.10	-0.04	-0.02	+0.16
173		0	17 M7	+0.00	+0.00	+0.00	+0.01	-26.16	+0.20
173		555	17 M7	+0.00	-1.14	+145.16	+0.01	-26.16	+0.20
173	82	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.09
173	477	555	M+ A	+0.00	+0.00	+639.61	+0.00	+0.00	+1.09
173	82	0	M- A	+0.00	+0.00	+0.00	-0.18	-120.00	+0.00
173	477	555	M- A	+0.00	-6.07	+0.00	-0.18	-103.42	+0.00
174	83	0	0 G	+14.64	+2.60	+536.18	-342.30	-31.48	+0.10
174	84	322	0 G	+14.64	+2.29	+630.07	-342.30	-26.84	+0.10
174		0	1 Q1	+2.39	+0.61	+1575.54	+167.40	-67.34	+0.10
174		322	1 Q1	+2.39	+0.29	+1792.38	+167.40	-67.34	+0.10
174		0	11 M1	-1.83	+0.14	+286.63	+100.12	-15.71	+0.09
174		322	11 M1	-1.83	-0.16	+337.22	+100.12	-15.71	+0.09
174		0	12 M2	+3.01	+0.55	-642.89	-214.33	+32.59	+0.03
174		322	12 M2	+3.01	+0.44	-747.84	-214.33	+32.59	+0.03
174		0	13 M3	-2.18	+0.38	+919.28	+58.49	-43.36	+0.03
174		322	13 M3	-2.18	+0.28	+1058.90	+58.49	-43.36	+0.03
174		0	14 M4	+0.36	+0.01	-63.44	-22.21	+3.51	-0.01
174		322	14 M4	+0.36	+0.04	-74.73	-22.21	+3.51	-0.01
174		0	15 M5	-0.90	+0.14	+125.84	+43.82	-6.84	+0.06
174		322	15 M5	-0.90	-0.06	+147.86	+43.82	-6.84	+0.06
174		0	16 M6	+0.47	+0.60	-268.69	-87.90	+13.32	+0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
174		322	16 M6	+0.47	+0.22	-311.58	-87.90	+13.32	+0.12
174		0	17 M7	+3.56	+0.73	+222.93	-169.21	-4.46	-0.04
174		322	17 M7	+3.56	+0.87	+237.29	-169.21	-4.46	-0.04
174	83	0	M+ A	+28.05	+5.36	+4219.02	+33.86	+17.42	+0.43
174	84	322	M+ A	+28.05	+4.74	+4846.05	+33.86	+22.05	+0.43
174	83	0	M- A	+0.00	+0.00	-428.15	-776.75	-197.81	+0.00
174	84	322	M- A	+0.00	+0.00	-491.70	-776.75	-191.65	+0.00
175	83	0	0 G	+0.00	+0.00	+0.00	-0.55	-34.21	+0.62
175	479	555	0 G	+0.00	-3.44	+170.02	-0.55	-21.74	+0.62
175		0	1 Q1	+0.00	+0.00	+0.00	-0.21	-25.48	-0.09
175		555	1 Q1	+0.00	+0.50	+141.44	-0.21	-25.48	-0.09
175		0	11 M1	+0.00	+0.00	+0.00	-0.11	+0.00	-0.07
175		555	11 M1	+0.00	+0.36	-0.02	-0.11	+0.00	-0.07
175		0	12 M2	+0.00	+0.00	+0.00	-0.12	-0.01	+0.28
175		555	12 M2	+0.00	-1.57	+0.07	-0.12	-0.01	+0.28
175		0	13 M3	+0.00	+0.00	+0.00	-0.09	-22.68	-0.01
175		555	13 M3	+0.00	+0.08	+125.87	-0.09	-22.68	-0.01
175		0	14 M4	+0.00	+0.00	+0.00	+0.01	-0.00	+0.02
175		555	14 M4	+0.00	-0.11	+0.01	+0.01	-0.00	+0.02
175		0	15 M5	+0.00	+0.00	+0.00	-0.07	-0.00	-0.02
175		555	15 M5	+0.00	+0.11	+0.01	-0.07	-0.00	-0.02
175		0	16 M6	+0.00	+0.00	+0.00	-0.21	-0.01	+0.18
175		555	16 M6	+0.00	-0.99	+0.05	-0.21	-0.01	+0.18
175		0	17 M7	+0.00	+0.00	+0.00	-0.10	-25.06	+0.24
175		555	17 M7	+0.00	-1.33	+139.06	-0.10	-25.06	+0.24
175	83	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.25
175	479	555	M+ A	+0.00	+0.00	+625.66	+0.00	+0.00	+1.25
175	83	0	M- A	+0.00	+0.00	+0.00	-1.32	-117.49	+0.00
175	479	555	M- A	+0.00	-6.92	+0.00	-1.32	-100.90	+0.00
176	84	0	0 G	+14.64	+2.29	+630.07	-342.98	+7.31	-0.21
176	85	321	0 G	+14.64	+2.97	+599.16	-342.98	+11.94	-0.21
176		0	1 Q1	+2.39	+0.29	+1792.38	+167.52	-42.26	+0.02
176		321	1 Q1	+2.39	+0.23	+1928.05	+167.52	-42.26	+0.02
176		0	11 M1	-1.83	-0.16	+337.22	+100.20	-15.81	+0.05
176		321	11 M1	-1.83	-0.31	+387.96	+100.20	-15.81	+0.05
176		0	12 M2	+3.01	+0.44	-747.84	-214.66	+32.81	-0.05
176		321	12 M2	+3.01	+0.61	-853.17	-214.66	+32.81	-0.05
176		0	13 M3	-2.18	+0.28	+1058.90	+58.52	-19.54	-0.03
176		321	13 M3	-2.18	+0.38	+1121.64	+58.52	-19.54	-0.03
176		0	14 M4	+0.36	+0.04	-74.73	-22.24	+3.53	-0.01
176		321	14 M4	+0.36	+0.06	-86.06	-22.24	+3.53	-0.01
176		0	15 M5	-0.90	-0.06	+147.86	+43.85	-6.88	+0.03
176		321	15 M5	-0.90	-0.15	+169.95	+43.85	-6.88	+0.03
176		0	16 M6	+0.47	+0.22	-311.58	-88.10	+13.41	-0.00
176		321	16 M6	+0.47	+0.23	-354.63	-88.10	+13.41	-0.00
176		0	17 M7	+3.56	+0.87	+237.29	-169.49	+6.57	-0.12
176		321	17 M7	+3.56	+1.25	+216.19	-169.49	+6.57	-0.12
176	84	0	M+ A	+28.05	+4.74	+4846.05	+33.48	+58.95	+0.00
176	85	321	M+ A	+28.05	+6.14	+5082.20	+33.48	+65.10	+0.00
176	84	0	M- A	+0.00	+0.00	-491.70	-778.15	-79.06	-0.46
176	85	321	M- A	+0.00	+0.00	-680.59	-778.15	-74.43	-0.46
177	84	0	0 G	+0.00	+0.00	+0.00	-0.31	-34.15	+0.68
177	481	555	0 G	+0.00	-3.80	+169.70	-0.31	-21.68	+0.68
177		0	1 Q1	+0.00	+0.00	+0.00	-0.08	-25.08	-0.13
177		555	1 Q1	+0.00	+0.70	+139.19	-0.08	-25.08	-0.13
177		0	11 M1	+0.00	+0.00	+0.00	-0.05	+0.10	-0.09
177		555	11 M1	+0.00	+0.48	-0.54	-0.05	+0.10	-0.09
177		0	12 M2	+0.00	+0.00	+0.00	-0.09	-0.22	+0.33
177		555	12 M2	+0.00	-1.81	+1.21	-0.09	-0.22	+0.33
177		0	13 M3	+0.00	+0.00	+0.00	-0.07	-23.82	-0.03
177		555	13 M3	+0.00	+0.15	+132.17	-0.07	-23.82	-0.03
177		0	14 M4	+0.00	+0.00	+0.00	+0.00	-0.02	+0.02
177		555	14 M4	+0.00	-0.14	+0.12	+0.00	-0.02	+0.02
177		0	15 M5	+0.00	+0.00	+0.00	-0.03	+0.04	-0.03
177		555	15 M5	+0.00	+0.16	-0.23	-0.03	+0.04	-0.03
177		0	16 M6	+0.00	+0.00	+0.00	-0.12	-0.09	+0.20
177		555	16 M6	+0.00	-1.08	+0.51	-0.12	-0.09	+0.20
177		0	17 M7	+0.00	+0.00	+0.00	-0.08	-11.03	+0.27
177		555	17 M7	+0.00	-1.51	+61.22	-0.08	-11.03	+0.27
177	84	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.40
177	481	555	M+ A	+0.00	+0.00	+611.87	+0.00	+0.00	+1.40
177	84	0	M- A	+0.00	+0.00	+0.00	-0.69	-115.00	+0.00
177	481	555	M- A	+0.00	-7.77	+0.00	-0.69	-98.42	+0.00
178	85	0	0 G	+14.64	+2.97	+599.16	-343.73	+46.38	-0.32
178	86	321	0 G	+14.64	+3.99	+441.89	-343.73	+51.61	-0.32
178		0	1 Q1	+2.39	+0.23	+1928.05	+167.68	-16.69	+0.18
178		321	1 Q1	+2.39	-0.33	+1981.63	+167.68	-16.69	+0.18
178		0	11 M1	-1.83	-0.31	+387.96	+100.31	-15.83	+0.11
178		321	11 M1	-1.83	-0.68	+438.76	+100.31	-15.83	+0.11
178		0	12 M2	+3.01	+0.61	-853.17	-215.03	+32.86	-0.18
178		321	12 M2	+3.01	+1.18	-958.63	-215.03	+32.86	-0.18
178		0	13 M3	-2.18	+0.38	+1121.64	+58.56	+7.73	-0.14
178		321	13 M3	-2.18	+0.82	+1096.81	+58.56	+7.73	-0.14
178		0	14 M4	+0.36	+0.06	-86.06	-22.27	+3.53	-0.02
178		321	14 M4	+0.36	+0.12	-97.41	-22.27	+3.53	-0.02
178		0	15 M5	-0.90	-0.15	+169.95	+43.89	-6.89	+0.06
178		321	15 M5	-0.90	-0.35	+192.06	+43.89	-6.89	+0.06
178		0	16 M6	+0.47	+0.23	-354.63	-88.31	+13.43	-0.02
178		321	16 M6	+0.47	+0.30	-397.74	-88.31	+13.43	-0.02
178		0	17 M7	+3.56	+1.25	+216.19	-169.79	+16.04	-0.28
178		321	17 M7	+3.56	+2.14	+164.70	-169.79	+16.04	-0.28
178	85	0	M+ A	+28.05	+6.14	+5082.20	+33.11	+110.97	+0.09
178	86	321	M+ A	+28.05	+8.51	+4908.13	+33.11	+117.92	+0.09
178	85	0	M- A	+0.00	+0.00	-680.59	-779.70	+0.00	-0.84
178	86	321	M- A	+0.00	+0.00	-996.06	-779.70	+0.00	-0.84
179	85	0	0 G	+0.00	+0.00	+0.00	-0.11	-34.44	+0.75
179	483	555	0 G	+0.00	-4.16	+171.31	-0.11	-21.97	+0.75
179		0	1 Q1	+0.00	+0.00	+0.00	+0.16	-25.57	-0.16
179		555	1 Q1	+0.00	+0.90	+141.92	+0.16	-25.57	-0.16
179		0	11 M1	+0.00	+0.00	+0.00	+0.07	+0.02	-0.11
179		555	11 M1	+0.00	+0.60	-0.10	+0.07	+0.02	-0.11
179		0	12 M2	+0.00	+0.00	+0.00	-0.12	-0.04	+0.37
179		555	12 M2	+0.00	-2.05	+0.24	-0.12	-0.04	+0.37
179		0	13 M3	+0.00	+0.00	+0.00	-0.10	-27.28	-0.04
179		555	13 M3	+0.00	+0.23	+151.39	-0.10	-27.28	-0.04
179		0	14 M4	+0.00	+0.00	+0.00	-0.01	-0.00	+0.03

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
179		555	14 M4	+0.00	-0.16	+0.03	-0.01	-0.00	+0.03
179		0	15 M5	+0.00	+0.00	+0.00	+0.04	+0.01	-0.04
179		555	15 M5	+0.00	+0.22	-0.03	+0.04	+0.01	-0.04
179		0	16 M6	+0.00	+0.00	+0.00	-0.02	-0.02	+0.21
179		555	16 M6	+0.00	-1.18	+0.11	-0.02	-0.02	+0.21
179		0	17 M7	+0.00	+0.00	+0.00	-0.16	-9.47	+0.31
179		555	17 M7	+0.00	-1.69	+52.56	-0.16	-9.47	+0.31
179	85	0	M+ A	+0.00	+0.00	+0.00	+0.21	+0.00	+1.55
179	483	555	M+ A	+0.00	+0.00	+646.52	+0.21	+0.00	+1.55
179	85	0	M- A	+0.00	+0.00	+0.00	-0.38	-121.25	+0.00
179	483	555	M- A	+0.00	-8.61	+0.00	-0.38	-104.66	+0.00
180	86	0	0 G	+14.64	+3.99	+441.89	-344.53	+86.54	-0.51
180	87	322	0 G	+14.64	+5.63	+154.79	-344.53	+91.78	-0.51
180		0	1 Q1	+2.39	-0.33	+1981.63	+167.88	+9.63	+0.60
180		322	1 Q1	+2.39	-2.26	+1950.61	+167.88	+9.63	+0.60
180		0	11 M1	-1.83	-0.68	+438.76	+100.44	-15.74	+0.33
180		322	11 M1	-1.83	-1.74	+489.45	+100.44	-15.74	+0.33
180		0	12 M2	+3.01	+1.18	-958.63	-215.43	+32.68	-0.43
180		322	12 M2	+3.01	+2.57	-1063.87	-215.43	+32.68	-0.43
180		0	13 M3	-2.18	+0.82	+1096.81	+58.61	+25.31	-0.36
180		322	13 M3	-2.18	+1.99	+1015.33	+58.61	+25.31	-0.36
180		0	14 M4	+0.36	+0.12	-97.41	-22.30	+3.52	-0.05
180		322	14 M4	+0.36	+0.30	-108.74	-22.30	+3.52	-0.05
180		0	15 M5	-0.90	-0.35	+192.06	+43.94	-6.85	+0.19
180		322	15 M5	-0.90	-0.95	+214.11	+43.94	-6.85	+0.19
180		0	16 M6	+0.47	+0.30	-397.74	-88.54	+13.36	+0.00
180		322	16 M6	+0.47	+0.29	-440.77	-88.54	+13.36	+0.00
180		0	17 M7	+3.56	+2.14	+164.70	-170.12	+39.20	-0.67
180		322	17 M7	+3.56	+4.30	+38.47	-170.12	+39.20	-0.67
180	86	0	M+ A	+28.05	+8.51	+4908.13	+32.76	+186.90	+0.80
180	87	322	M+ A	+28.05	+13.93	+4362.18	+32.76	+193.88	+0.80
180	86	0	M- A	+0.00	+0.00	-996.06	-781.38	+0.00	-1.68
180	87	322	M- A	+0.00	-0.03	-1441.01	-781.38	+0.00	-1.68
181	86	0	0 G	+0.00	+0.00	+0.00	-0.19	-34.93	+0.80
181	485	555	0 G	+0.00	-4.46	+174.02	-0.19	-22.46	+0.80
181		0	1 Q1	+0.00	+0.00	+0.00	+0.42	-26.33	-0.19
181		555	1 Q1	+0.00	+1.08	+146.11	+0.42	-26.33	-0.19
181		0	11 M1	+0.00	+0.00	+0.00	+0.22	-0.08	-0.13
181		555	11 M1	+0.00	+0.70	+0.46	+0.22	-0.08	-0.13
181		0	12 M2	+0.00	+0.00	+0.00	-0.26	+0.17	+0.41
181		555	12 M2	+0.00	-2.27	-0.97	-0.26	+0.17	+0.41
181		0	13 M3	+0.00	+0.00	+0.00	-0.22	-17.57	-0.05
181		555	13 M3	+0.00	+0.30	+97.53	-0.22	-17.57	-0.05
181		0	14 M4	+0.00	+0.00	+0.00	-0.03	+0.02	+0.03
181		555	14 M4	+0.00	-0.18	-0.09	-0.03	+0.02	+0.03
181		0	15 M5	+0.00	+0.00	+0.00	+0.12	-0.04	-0.05
181		555	15 M5	+0.00	+0.26	+0.22	+0.12	-0.04	-0.05
181		0	16 M6	+0.00	+0.00	+0.00	+0.03	+0.07	+0.23
181		555	16 M6	+0.00	-1.27	-0.38	+0.03	+0.07	+0.23
181		0	17 M7	+0.00	+0.00	+0.00	-0.39	-23.16	+0.33
181		555	17 M7	+0.00	-1.85	+128.54	-0.39	-23.16	+0.33
181	86	0	M+ A	+0.00	+0.00	+0.00	+0.71	+0.00	+1.68
181	485	555	M+ A	+0.00	+0.00	+621.50	+0.71	+0.00	+1.68
181	86	0	M- A	+0.00	+0.00	+0.00	-0.85	-116.74	+0.00
181	485	555	M- A	+0.00	-9.34	+0.00	-0.85	-100.15	+0.00
182	87	0	0 G	-4.78	-0.73	+590.83	+6.74	-44.18	-0.29
182	88	321	0 G	-4.78	+0.22	+724.26	+6.74	-38.95	-0.29
182		0	1 Q1	+7.59	+2.04	+2339.54	-1.79	+94.55	+0.43
182		321	1 Q1	+7.59	+0.67	+2036.04	-1.79	+94.55	+0.43
182		0	11 M1	+2.32	+0.92	+494.49	-1.13	+30.90	+0.21
182		321	11 M1	+2.32	+0.25	+395.30	-1.13	+30.90	+0.21
182		0	12 M2	-5.06	-1.27	-1082.01	+3.51	-67.62	-0.30
182		321	12 M2	-5.06	-0.32	-864.95	+3.51	-67.62	-0.30
182		0	13 M3	-5.70	-0.97	+1274.11	-0.53	+52.29	-0.26
182		321	13 M3	-5.70	-0.13	+1106.25	-0.53	+52.29	-0.26
182		0	14 M4	-0.44	-0.15	-109.78	+0.29	-6.86	-0.04
182		321	14 M4	-0.44	-0.04	-87.76	+0.29	-6.86	-0.04
182		0	15 M5	+1.19	+0.52	+216.45	-0.43	+13.52	+0.12
182		321	15 M5	+1.19	+0.14	+173.04	-0.43	+13.52	+0.12
182		0	16 M6	-2.09	-0.07	-449.11	+1.92	-28.07	-0.02
182		321	16 M6	-2.09	+0.00	-359.00	+1.92	-28.07	-0.02
182		0	17 M7	-5.73	-1.61	+277.30	+2.83	-28.23	-0.41
182		321	17 M7	-5.73	-0.28	+367.93	+2.83	-28.23	-0.41
182	87	0	M+ A	+8.95	+3.42	+5855.35	+14.22	+161.90	+0.60
182	88	321	M+ A	+8.95	+1.56	+5371.29	+14.22	+167.13	+0.60
182	87	0	M- A	-14.95	-3.38	-1032.19	+0.00	-160.19	-1.01
182	88	321	M- A	-14.95	-0.26	-573.16	+0.00	-153.24	-1.01
183	87	0	0 G	+0.00	+0.00	+0.00	+0.16	-34.94	+0.86
183	487	555	0 G	+0.00	-4.78	+174.07	+0.16	-22.47	+0.86
183		0	1 Q1	+0.00	+0.00	+0.00	+0.14	-26.07	-0.23
183		555	1 Q1	+0.00	+1.26	+144.69	+0.14	-26.07	-0.23
183		0	11 M1	+0.00	+0.00	+0.00	+0.06	-0.02	-0.14
183		555	11 M1	+0.00	+0.80	+0.13	+0.06	-0.02	-0.14
183		0	12 M2	+0.00	+0.00	+0.00	-0.01	+0.05	+0.45
183		555	12 M2	+0.00	-2.48	-0.25	-0.01	+0.05	+0.45
183		0	13 M3	+0.00	+0.00	+0.00	-0.04	-12.60	-0.07
183		555	13 M3	+0.00	+0.37	+69.92	-0.04	-12.60	-0.07
183		0	14 M4	+0.00	+0.00	+0.00	-0.01	+0.00	+0.04
183		555	14 M4	+0.00	-0.21	-0.02	-0.01	+0.00	+0.04
183		0	15 M5	+0.00	+0.00	+0.00	+0.04	-0.01	-0.05
183		555	15 M5	+0.00	+0.30	+0.07	+0.04	-0.01	-0.05
183		0	16 M6	+0.00	+0.00	+0.00	+0.07	+0.02	+0.24
183		555	16 M6	+0.00	-1.36	-0.09	+0.07	+0.02	+0.24
183		0	17 M7	+0.00	+0.00	+0.00	-0.06	-24.36	+0.36
183		555	17 M7	+0.00	-2.01	+135.22	-0.06	-24.36	+0.36
183	87	0	M+ A	+0.00	+0.00	+0.00	+0.50	+0.00	+1.82
183	487	555	M+ A	+0.00	+0.00	+629.67	+0.50	+0.00	+1.82
183	87	0	M- A	+0.00	+0.00	+0.00	+0.00	-118.21	+0.00
183	487	555	M- A	+0.00	-10.08	+0.00	+0.00	-101.63	+0.00
184	87	0	0 G	-16.15	-12.52	+436.04	+389.10	-42.51	-0.06
184	188	341	0 G	-16.15	-12.32	+284.54	+390.38	-46.09	-0.06
184		0	1 Q1	+3.44	+5.80	+388.93	-179.79	-1.73	+0.31
184		341	1 Q1	+3.44	+4.73	+383.03	-179.79	-1.73	+0.31
184		0	11 M1	+3.02	+3.91	+5.04	-111.46	+9.70	+0.18
184		341	11 M1	+3.02	+3.28	+38.20	-111.46	+9.70	+0.18
184		0	12 M2	-6.31	-6.33	-18.15	+240.33	-20.63	-0.15

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
184		341	12 M2	-6.31	-5.83	-88.69	+240.33	-20.63	-0.15
184		0	13 M3	-2.33	-3.97	+258.78	-60.59	-6.36	-0.14
184		341	13 M3	-2.33	-3.49	+237.02	-60.59	-6.36	-0.14
184		0	14 M4	-0.60	-0.69	-1.05	+24.80	-2.16	-0.03
184		341	14 M4	-0.60	-0.60	-8.43	+24.80	-2.16	-0.03
184		0	15 M5	+1.48	+2.08	+2.34	-48.68	+4.23	+0.11
184		341	15 M5	+1.48	+1.71	+16.82	-48.68	+4.23	+0.11
184		0	16 M6	-2.29	-1.20	-8.34	+99.35	-8.50	+0.09
184		341	16 M6	-2.29	-1.51	-37.39	+99.35	-8.50	+0.09
184		0	17 M7	-6.77	-8.69	+238.83	+194.09	-28.16	-0.32
184		341	17 M7	-6.77	-7.60	+142.53	+194.09	-28.16	-0.32
184	87	0	M+ A	+0.00	+1.17	+1493.16	+878.00	+0.00	+0.64
184	188	341	M+ A	+0.00	+0.00	+1251.05	+879.69	+0.00	+0.64
184	87	0	M- A	-31.63	-29.68	-0.00	-20.81	-101.11	-0.56
184	188	341	M- A	-31.63	-27.78	-0.00	-19.53	-105.86	-0.56
185	88	0	0 G	-4.78	+0.22	+724.26	+5.88	-4.63	+0.12
185	89	322	0 G	-4.78	-0.17	+731.70	+5.88	+0.01	+0.12
185		0	1 Q1	+7.59	+0.67	+2036.04	-1.56	+119.79	+0.16
185		322	1 Q1	+7.59	+0.15	+1650.30	-1.56	+119.79	+0.16
185		0	11 M1	+2.32	+0.25	+395.30	-0.98	+30.83	+0.06
185		322	11 M1	+2.32	+0.06	+296.03	-0.98	+30.83	+0.06
185		0	12 M2	-5.06	-0.32	-864.95	+3.06	-67.46	-0.04
185		322	12 M2	-5.06	-0.18	-647.71	+3.06	-67.46	-0.04
185		0	13 M3	-5.70	-0.13	+1106.25	-0.46	+64.73	-0.08
185		322	13 M3	-5.70	+0.12	+897.83	-0.46	+64.73	-0.08
185		0	14 M4	-0.44	-0.04	-87.76	+0.26	-6.84	-0.01
185		322	14 M4	-0.44	-0.01	-65.72	+0.26	-6.84	-0.01
185		0	15 M5	+1.19	+0.14	+173.04	-0.37	+13.50	+0.03
185		322	15 M5	+1.19	+0.03	+129.59	-0.37	+13.50	+0.03
185		0	16 M6	-2.09	+0.00	-359.00	+1.68	-28.00	+0.03
185		322	16 M6	-2.09	-0.10	-268.83	+1.68	-28.00	+0.03
185		0	17 M7	-5.73	-0.28	+367.93	+2.47	-1.63	-0.06
185		322	17 M7	-5.73	-0.08	+373.17	+2.47	-1.63	-0.06
185	88	0	M+ A	+8.95	+1.56	+5371.29	+12.42	+254.18	+0.46
185	89	322	M+ A	+8.95	+0.22	+4547.82	+12.42	+258.82	+0.46
185	88	0	M- A	-14.95	-0.26	-573.16	+0.00	-107.35	+0.00
185	89	322	M- A	-14.95	-0.50	-239.87	+0.00	-101.19	+0.00
186	88	0	0 G	+0.00	+0.00	+0.00	+0.42	-34.32	+0.85
186	489	555	0 G	+0.00	-4.74	+170.64	+0.42	-21.85	+0.85
186		0	1 Q1	+0.00	+0.00	+0.00	-0.27	-25.24	-0.23
186		555	1 Q1	+0.00	+1.26	+140.11	-0.27	-25.24	-0.23
186		0	11 M1	+0.00	+0.00	+0.00	-0.15	+0.07	-0.14
186		555	11 M1	+0.00	+0.79	-0.38	-0.15	+0.07	-0.14
186		0	12 M2	+0.00	+0.00	+0.00	+0.26	-0.16	+0.44
186		555	12 M2	+0.00	-2.47	+0.87	+0.26	-0.16	+0.44
186		0	13 M3	+0.00	+0.00	+0.00	+0.19	-12.44	-0.07
186		555	13 M3	+0.00	+0.37	+69.01	+0.19	-12.44	-0.07
186		0	14 M4	+0.00	+0.00	+0.00	+0.03	-0.02	+0.04
186		555	14 M4	+0.00	-0.21	+0.09	+0.03	-0.02	+0.04
186		0	15 M5	+0.00	+0.00	+0.00	-0.08	+0.03	-0.05
186		555	15 M5	+0.00	+0.30	-0.16	-0.08	+0.03	-0.05
186		0	16 M6	+0.00	+0.00	+0.00	+0.05	-0.07	+0.24
186		555	16 M6	+0.00	-1.35	+0.37	+0.05	-0.07	+0.24
186		0	17 M7	+0.00	+0.00	+0.00	+0.35	-26.61	+0.36
186		555	17 M7	+0.00	-1.99	+147.66	+0.35	-26.61	+0.36
186	88	0	M+ A	+0.00	+0.00	+0.00	+1.08	+0.00	+1.80
186	489	555	M+ A	+0.00	+0.00	+637.59	+1.08	+0.00	+1.80
186	88	0	M- A	+0.00	+0.00	+0.00	-0.18	-119.64	+0.00
186	489	555	M- A	+0.00	-10.01	+0.00	-0.18	-103.05	+0.00
187	89	0	0 G	-4.78	-0.17	+731.70	+5.03	+34.45	+0.04
187	90	321	0 G	-4.78	-0.29	+613.71	+5.03	+39.07	+0.04
187		0	1 Q1	+7.59	+0.15	+1650.30	-1.34	+145.04	+0.04
187		321	1 Q1	+7.59	+0.01	+1184.73	-1.34	+145.04	+0.04
187		0	11 M1	+2.32	+0.06	+296.03	-0.84	+30.70	+0.01
187		321	11 M1	+2.32	+0.03	+197.47	-0.84	+30.70	+0.01
187		0	12 M2	-5.06	-0.18	-647.71	+2.62	-67.18	-0.02
187		321	12 M2	-5.06	-0.12	-432.06	+2.62	-67.18	-0.02
187		0	13 M3	-5.70	+0.12	+897.83	-0.39	+85.60	+0.01
187		321	13 M3	-5.70	+0.08	+623.05	-0.39	+85.60	+0.01
187		0	14 M4	-0.44	-0.01	-65.72	+0.22	-6.82	-0.00
187		321	14 M4	-0.44	-0.01	-43.84	+0.22	-6.82	-0.00
187		0	15 M5	+1.19	+0.03	+129.59	-0.32	+13.44	+0.00
187		321	15 M5	+1.19	+0.02	+86.45	-0.32	+13.44	+0.00
187		0	16 M6	-2.09	-0.10	-268.83	+1.43	-27.89	-0.01
187		321	16 M6	-2.09	-0.08	-179.32	+1.43	-27.89	-0.01
187		0	17 M7	-5.73	-0.08	+373.17	+2.11	+15.54	+0.00
187		321	17 M7	-5.73	-0.09	+323.28	+2.11	+15.54	+0.00
187	89	0	M+ A	+8.95	+0.22	+4547.82	+10.62	+370.02	+0.13
187	90	321	M+ A	+8.95	+0.00	+3350.19	+10.62	+376.17	+0.13
187	89	0	M- A	-14.95	-0.50	-239.87	+0.00	-66.33	+0.00
187	90	321	M- A	-14.95	-0.57	-34.38	+0.00	-61.70	+0.00
188	89	0	0 G	+0.00	+0.00	+0.00	-0.08	-34.44	+0.85
188	491	555	0 G	+0.00	-4.72	+171.29	-0.08	-21.97	+0.85
188		0	1 Q1	+0.00	+0.00	+0.00	-0.12	-25.24	-0.23
188		555	1 Q1	+0.00	+1.26	+140.11	-0.12	-25.24	-0.23
188		0	11 M1	+0.00	+0.00	+0.00	-0.05	+0.13	-0.14
188		555	11 M1	+0.00	+0.79	-0.71	-0.05	+0.13	-0.14
188		0	12 M2	+0.00	+0.00	+0.00	+0.02	-0.28	+0.44
188		555	12 M2	+0.00	-2.46	+1.57	+0.02	-0.28	+0.44
188		0	13 M3	+0.00	+0.00	+0.00	+0.09	-20.88	-0.07
188		555	13 M3	+0.00	+0.37	+115.86	+0.09	-20.88	-0.07
188		0	14 M4	+0.00	+0.00	+0.00	+0.01	-0.03	+0.04
188		555	14 M4	+0.00	-0.21	+0.16	+0.01	-0.03	+0.04
188		0	15 M5	+0.00	+0.00	+0.00	-0.03	+0.06	-0.05
188		555	15 M5	+0.00	+0.30	-0.31	-0.03	+0.06	-0.05
188		0	16 M6	+0.00	+0.00	+0.00	-0.04	-0.12	+0.24
188		555	16 M6	+0.00	-1.35	+0.65	-0.04	-0.12	+0.24
188		0	17 M7	+0.00	+0.00	+0.00	+0.07	-17.17	+0.36
188		555	17 M7	+0.00	-1.98	+95.28	+0.07	-17.17	+0.36
188	89	0	M+ A	+0.00	+0.00	+0.00	+0.05	+0.00	+1.80
188	491	555	M+ A	+0.00	+0.00	+590.75	+0.05	+0.00	+1.80
188	89	0	M- A	+0.00	+0.00	+0.00	-0.34	-111.20	+0.00
188	491	555	M- A	+0.00	-9.97	+0.00	-0.34	-94.61	+0.00
189	90	0	0 G	-4.78	-0.29	+613.71	+4.18	+74.28	-0.71
189	91	322	0 G	-4.78	+1.99	+367.06	+4.18	+78.92	-0.71
189		0	1 Q1	+7.59	+0.01	+1184.73	-1.11	+171.66	+0.18

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
189		322	1	Q1	+7.59	-0.58	+631.99	-1.11	+171.66	+0.18
189		0	11	M1	+2.32	+0.03	+197.47	-0.70	+30.66	+0.12
189		322	11	M1	+2.32	-0.34	+98.74	-0.70	+30.66	+0.12
189		0	12	M2	-5.06	-0.12	-432.06	+2.18	-67.09	-0.37
189		322	12	M2	-5.06	+1.07	-216.04	+2.18	-67.09	-0.37
189		0	13	M3	-5.70	+0.08	+623.05	-0.33	+96.65	+0.07
189		322	13	M3	-5.70	-0.15	+311.82	-0.33	+96.65	+0.07
189		0	14	M4	-0.44	-0.01	-43.84	+0.18	-6.81	-0.03
189		322	14	M4	-0.44	+0.09	-21.92	+0.18	-6.81	-0.03
189		0	15	M5	+1.19	+0.02	+86.45	-0.27	+13.42	+0.04
189		322	15	M5	+1.19	-0.12	+43.23	-0.27	+13.42	+0.04
189		0	16	M6	-2.09	-0.08	-179.32	+1.19	-27.84	-0.21
189		322	16	M6	-2.09	+0.58	-89.66	+1.19	-27.84	-0.21
189		0	17	M7	-5.73	-0.09	+323.28	+1.76	+36.70	-0.29
189		322	17	M7	-5.73	+0.84	+205.10	+1.76	+36.70	-0.29
189	90	0	M+	A	+8.95	+0.00	+3350.19	+8.83	+475.52	+0.00
189	91	322	M+	A	+8.95	+4.25	+1809.09	+8.83	+481.69	+0.00
189	90	0	M-	A	-14.95	-0.57	-34.38	+0.00	-26.35	-1.50
189	91	322	M-	A	-14.95	+0.00	+0.00	+0.00	-21.71	-1.50
190	90	0	0	G	+0.00	+0.00	+0.00	-0.75	-35.21	+0.85
190	493	555	0	G	+0.00	-4.71	+175.58	-0.75	-22.74	+0.85
190		0	1	Q1	+0.00	+0.00	+0.00	+0.14	-26.62	-0.23
190		555	1	Q1	+0.00	+1.25	+147.75	+0.14	-26.62	-0.23
190		0	11	M1	+0.00	+0.00	+0.00	+0.11	+0.04	-0.14
190		555	11	M1	+0.00	+0.79	-0.23	+0.11	+0.04	-0.14
190		0	12	M2	+0.00	+0.00	+0.00	-0.35	-0.10	+0.44
190		555	12	M2	+0.00	-2.45	+0.53	-0.35	-0.10	+0.44
190		0	13	M3	+0.00	+0.00	+0.00	+0.06	-11.05	-0.07
190		555	13	M3	+0.00	+0.37	+61.34	+0.06	-11.05	-0.07
190		0	14	M4	+0.00	+0.00	+0.00	-0.03	-0.01	+0.04
190		555	14	M4	+0.00	-0.20	+0.05	-0.03	-0.01	+0.04
190		0	15	M5	+0.00	+0.00	+0.00	+0.04	+0.02	-0.05
190		555	15	M5	+0.00	+0.30	-0.10	+0.04	+0.02	-0.05
190		0	16	M6	+0.00	+0.00	+0.00	-0.20	-0.04	+0.24
190		555	16	M6	+0.00	-1.34	+0.23	-0.20	-0.04	+0.24
190		0	17	M7	+0.00	+0.00	+0.00	-0.29	-21.16	+0.36
190		555	17	M7	+0.00	-1.98	+117.45	-0.29	-21.16	+0.36
190	90	0	M+	A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.79
190	493	555	M+	A	+0.00	+0.00	+609.16	+0.00	+0.00	+1.79
190	90	0	M-	A	+0.00	+0.00	+0.00	-1.52	-114.51	+0.00
190	493	555	M-	A	+0.00	-9.95	+0.00	-1.52	-97.93	+0.00
191	91	0	0	G	-4.78	+1.99	+367.06	+3.34	+112.03	-2.26
191	92	321	0	G	-4.78	+9.25	+0.01	+3.34	+116.66	-2.26
191		0	1	Q1	+7.59	-0.58	+631.99	-0.89	+196.88	+0.59
191		321	1	Q1	+7.59	-2.46	+0.01	-0.89	+196.88	+0.59
191		0	11	M1	+2.32	-0.34	+98.74	-0.56	+30.76	+0.38
191		321	11	M1	+2.32	-1.55	-0.00	-0.56	+30.76	+0.38
191		0	12	M2	-5.06	+1.07	-216.04	+1.74	-67.30	-1.17
191		321	12	M2	-5.06	+4.82	+0.00	+1.74	-67.30	-1.17
191		0	13	M3	-5.70	-0.15	+311.82	-0.26	+97.14	+0.18
191		321	13	M3	-5.70	-0.72	+0.00	-0.26	+97.14	+0.18
191		0	14	M4	-0.44	+0.09	-21.92	+0.14	-6.83	-0.10
191		321	14	M4	-0.44	+0.40	+0.00	+0.14	-6.83	-0.10
191		0	15	M5	+1.19	-0.12	+43.23	-0.21	+13.47	+0.15
191		321	15	M5	+1.19	-0.59	+0.00	-0.21	+13.47	+0.15
191		0	16	M6	-2.09	+0.58	-89.66	+0.95	-27.93	-0.64
191		321	16	M6	-2.09	+2.63	+0.00	+0.95	-27.93	-0.64
191		0	17	M7	-5.73	+0.84	+205.10	+1.40	+63.89	-0.95
191		321	17	M7	-5.73	+3.88	+0.01	+1.40	+63.89	-0.95
191	91	0	M+	A	+8.95	+4.25	+1809.09	+7.05	+560.50	+0.00
191	92	321	M+	A	+8.95	+19.52	+0.03	+7.05	+566.65	+0.00
191	91	0	M-	A	-14.95	+0.00	+0.00	+0.00	+0.00	-4.76
191	92	321	M-	A	-14.95	+0.00	+0.00	+0.00	+0.00	-4.76
192	91	0	0	G	+0.00	+0.00	+0.00	-1.55	-33.11	+0.85
192	495	555	0	G	+0.00	-4.69	+163.94	-1.55	-20.64	+0.85
192		0	1	Q1	+0.00	+0.00	+0.00	+0.40	-25.22	-0.22
192		555	1	Q1	+0.00	+1.25	+139.97	+0.40	-25.22	-0.22
192		0	11	M1	+0.00	+0.00	+0.00	+0.26	-0.10	-0.14
192		555	11	M1	+0.00	+0.78	+0.54	+0.26	-0.10	-0.14
192		0	12	M2	+0.00	+0.00	+0.00	-0.80	+0.22	+0.44
192		555	12	M2	+0.00	-2.44	-1.21	-0.80	+0.22	+0.44
192		0	13	M3	+0.00	+0.00	+0.00	+0.11	-0.48	-0.07
192		555	13	M3	+0.00	+0.37	+2.69	+0.11	-0.48	-0.07
192		0	14	M4	+0.00	+0.00	+0.00	-0.07	+0.02	+0.04
192		555	14	M4	+0.00	-0.20	-0.11	-0.07	+0.02	+0.04
192		0	15	M5	+0.00	+0.00	+0.00	+0.10	-0.05	-0.05
192		555	15	M5	+0.00	+0.30	+0.25	+0.10	-0.05	-0.05
192		0	16	M6	+0.00	+0.00	+0.00	-0.43	+0.09	+0.24
192		555	16	M6	+0.00	-1.34	-0.49	-0.43	+0.09	+0.24
192		0	17	M7	+0.00	+0.00	+0.00	-0.66	-27.19	+0.35
192		555	17	M7	+0.00	-1.97	+150.89	-0.66	-27.19	+0.35
192	91	0	M+	A	+0.00	+0.00	+0.00	+0.00	+0.00	+1.78
192	495	555	M+	A	+0.00	+0.00	+633.33	+0.00	+0.00	+1.78
192	91	0	M-	A	+0.00	+0.00	+0.00	-3.26	-118.87	+0.00
192	495	555	M-	A	+0.00	-9.90	+0.00	-3.26	-102.29	+0.00
193	92	0	0	G	+0.01	+9.25	+4.78	-0.66	-22.54	+3.34
193	497	555	0	G	+0.01	-9.28	+110.01	-0.66	-10.07	+3.34
193		0	1	Q1	+0.01	-2.46	-7.59	+0.19	-12.56	-0.89
193		555	1	Q1	+0.01	+2.47	+62.10	+0.19	-12.56	-0.89
193		0	11	M1	-0.00	-1.55	-2.32	+0.12	-0.73	-0.56
193		555	11	M1	-0.00	+1.55	+1.75	+0.12	-0.73	-0.56
193		0	12	M2	+0.00	+4.82	+5.06	-0.35	+1.67	+1.74
193		555	12	M2	+0.00	-4.83	-4.20	-0.35	+1.67	+1.74
193		0	13	M3	+0.00	-0.72	+5.70	+0.06	+1.50	-0.26
193		555	13	M3	+0.00	+0.73	-2.64	+0.06	+1.50	-0.26
193		0	14	M4	+0.00	+0.40	+0.44	-0.03	+0.15	+0.14
193		555	14	M4	+0.00	-0.40	-0.41	-0.03	+0.15	+0.14
193		0	15	M5	+0.00	-0.59	-1.19	+0.05	-0.35	-0.21
193		555	15	M5	+0.00	+0.59	+0.73	+0.05	-0.35	-0.21
193		0	16	M6	+0.00	+2.63	+2.09	-0.19	+0.70	+0.95
193		555	16	M6	+0.00	-2.64	-1.82	-0.19	+0.70	+0.95
193		0	17	M7	+0.01	+3.88	+5.73	-0.29	-5.98	+1.40
193		555	17	M7	+0.01	-3.90	+38.92	-0.29	-5.98	+1.40
193	92	0	M+	A	+0.03	+19.52	+14.95	+0.00	+0.00	+7.05
193	497	555	M+	A	+0.03	+0.00	+288.53	+0.00	+0.00	+7.05
193	92	0	M-	A	+0.00	+0.00	-8.95	-1.41	-55.89	+0.00
193	497	555	M-	A	+0.00	-19.59	+0.00	-1.41	-39.31	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
194	93	0	0 G	-15.44	-34.77	-1531.14	-10.87	-214.54	-97.82
194	347	335	0 G	-15.44	+292.93	-833.68	-10.87	-200.15	-97.82
194		0	1 Q1	+17.27	-11.38	-90.58	-0.08	-32.24	-31.80
194		335	1 Q1	+17.27	+95.15	+17.44	-0.08	-32.24	-31.80
194		0	11 M1	-0.11	-6.13	-93.51	-0.89	-8.96	-17.07
194		335	11 M1	-0.11	+51.06	-63.50	-0.89	-8.96	-17.07
194		0	12 M2	-1.44	-7.61	-424.57	-3.85	-41.99	-21.49
194		335	12 M2	-1.44	+64.40	-283.89	-3.85	-41.99	-21.49
194		0	13 M3	-3.03	-5.23	+159.35	+1.23	+15.38	-14.72
194		335	13 M3	-3.03	+44.07	+107.82	+1.23	+15.38	-14.72
194		0	14 M4	-1.01	-9.14	-729.87	-4.73	-117.87	-25.85
194		335	14 M4	-1.01	+77.47	-335.01	-4.73	-117.87	-25.85
194		0	15 M5	-5.83	-11.21	-58.04	-0.72	-6.47	-31.64
194		335	15 M5	-5.83	+94.79	-36.36	-0.72	-6.47	-31.64
194		0	16 M6	-2.08	-2.69	+38.53	+0.23	+3.75	-7.52
194		335	16 M6	-2.08	+22.50	+25.96	+0.23	+3.75	-7.52
194		0	17 M7	-0.41	+0.18	-21.32	-0.18	-2.06	+0.54
194		335	17 M7	-0.41	-1.63	-14.43	-0.18	-2.06	+0.54
194	93	0	M+ A	+7.88	+0.00	+0.00	+0.00	+0.00	+0.00
194	347	335	M+ A	+7.88	+660.23	+0.00	+0.00	+0.00	+0.00
194	93	0	M- A	-29.28	-78.43	-3253.51	-21.66	-505.67	-220.50
194	347	335	M- A	-29.28	+0.00	-1611.31	-21.66	-486.53	-220.50
195	94	0	0 G	-1.36	+28.01	-1175.13	-24.05	-806.97	-105.32
195	170	216	0 G	-1.36	+255.51	+562.51	-24.05	-801.95	-105.32
195		0	1 Q1	+16.98	+9.17	-86.62	+0.05	-44.56	-34.28
195		216	1 Q1	+16.98	+83.22	+9.62	+0.05	-44.56	-34.28
195		0	11 M1	-1.33	+4.43	+114.10	+2.91	+83.63	-16.75
195		216	11 M1	-1.33	+40.62	-66.54	+2.91	+83.63	-16.75
195		0	12 M2	-0.14	+6.42	-256.07	-7.08	-188.25	-24.44
195		216	12 M2	-0.14	+59.20	+150.56	-7.08	-188.25	-24.44
195		0	13 M3	+19.50	+4.66	-198.90	-2.57	-120.61	-17.66
195		216	13 M3	+19.50	+42.80	+61.61	-2.57	-120.61	-17.66
195		0	14 M4	-0.13	-0.28	-23.28	-0.63	-17.11	+1.15
195		216	14 M4	-0.13	-2.76	+13.67	-0.63	-17.11	+1.15
195		0	15 M5	-1.55	+3.10	+54.67	+1.33	+39.96	-11.51
195		216	15 M5	-1.55	+27.96	-31.65	+1.33	+39.96	-11.51
195		0	16 M6	-1.25	+9.49	-104.41	-2.99	-77.35	-36.31
195		216	16 M6	-1.25	+87.91	+62.66	-2.99	-77.35	-36.31
195		0	17 M7	+0.64	+6.12	-537.65	-9.60	-352.72	-22.98
195		216	17 M7	+0.64	+55.75	+224.23	-9.60	-352.72	-22.98
195	94	0	M+ A	+50.82	+63.87	+0.00	+0.00	+0.00	+0.00
195	170	216	M+ A	+50.82	+584.04	+1097.47	+0.00	+0.00	+0.00
195	94	0	M- A	-4.13	+0.00	-2486.32	-46.39	-1662.50	-240.82
195	170	216	M- A	-4.13	+0.00	+0.00	-46.39	-1655.82	-240.82
196	95	0	0 G	+5.85	-10.04	+0.01	+3.63	-104.45	-1.93
196	96	321	0 G	+5.85	-3.86	+327.88	+3.63	-99.83	-1.93
196		0	1 Q1	+10.03	+2.17	+0.01	-0.78	-196.11	+0.40
196		321	1 Q1	+10.03	+0.88	+629.53	-0.78	-196.11	+0.40
196		0	11 M1	+9.06	+0.95	+0.00	-0.34	-117.34	+0.17
196		321	11 M1	+9.06	+0.40	+376.65	-0.34	-117.34	+0.17
196		0	12 M2	-0.39	-4.94	+0.00	+1.79	+69.42	-0.94
196		321	12 M2	-0.39	-1.92	-222.85	+1.79	+69.42	-0.94
196		0	13 M3	+0.33	+1.43	+0.00	-0.52	-30.22	+0.27
196		321	13 M3	+0.33	+0.56	+97.01	-0.52	-30.22	+0.27
196		0	14 M4	-2.16	-4.73	+0.00	+1.71	-32.27	-0.90
196		321	14 M4	-2.16	-1.84	+103.61	+1.71	-32.27	-0.90
196		0	15 M5	+0.18	-1.89	+0.00	+0.68	+13.50	-0.36
196		321	15 M5	+0.18	-0.73	-43.35	+0.68	+13.50	-0.36
196		0	16 M6	+0.12	+0.17	+0.00	-0.06	-6.49	+0.03
196		321	16 M6	+0.12	+0.06	+20.84	-0.06	-6.49	+0.03
196		0	17 M7	-0.02	-0.26	+0.00	+0.10	+4.52	-0.05
196		321	17 M7	-0.02	-0.10	-14.51	+0.10	+4.52	-0.05
196	95	0	M+ A	+34.91	+0.00	+0.03	+7.50	+0.00	+0.00
196	96	321	M+ A	+34.91	+0.00	+1850.92	+7.50	+4.31	+0.00
196	95	0	M- A	+0.00	-20.77	+0.00	+0.00	-579.68	-3.97
196	96	321	M- A	+0.00	-8.01	-6.39	+0.00	-573.53	-3.97
197	96	0	0 G	+5.85	-3.86	+327.88	+4.55	-70.19	-1.05
197	97	322	0 G	+5.85	-0.49	+546.43	+4.55	-65.55	-1.05
197		0	1 Q1	+10.03	+0.88	+629.53	-0.98	-170.91	+0.21
197		322	1 Q1	+10.03	+0.21	+1179.87	-0.98	-170.91	+0.21
197		0	11 M1	+9.06	+0.40	+376.65	-0.43	-109.19	+0.08
197		322	11 M1	+9.06	+0.13	+728.25	-0.43	-109.19	+0.08
197		0	12 M2	-0.39	-1.92	-222.85	+2.24	+69.26	-0.51
197		322	12 M2	-0.39	-0.27	-445.87	+2.24	+69.26	-0.51
197		0	13 M3	+0.33	+0.56	+97.01	-0.65	-30.16	+0.15
197		322	13 M3	+0.33	+0.08	+194.12	-0.65	-30.16	+0.15
197		0	14 M4	-2.16	-1.84	+103.61	+2.14	-16.68	-0.48
197		322	14 M4	-2.16	-0.28	+157.33	+2.14	-16.68	-0.48
197		0	15 M5	+0.18	-0.73	-43.35	+0.86	+13.47	-0.20
197		322	15 M5	+0.18	-0.10	-86.74	+0.86	+13.47	-0.20
197		0	16 M6	+0.12	+0.06	+20.84	-0.08	-6.48	+0.02
197		322	16 M6	+0.12	+0.01	+41.69	-0.08	-6.48	+0.02
197		0	17 M7	-0.02	-0.10	-14.51	+0.12	+4.51	-0.03
197		322	17 M7	-0.02	-0.02	-29.03	+0.12	+4.51	-0.03
197	96	0	M+ A	+34.91	+0.00	+1850.92	+9.41	+33.70	+0.00
197	97	322	M+ A	+34.91	+0.00	+3411.94	+9.41	+38.34	+0.00
197	96	0	M- A	+0.00	-8.01	-6.39	+0.00	-487.87	-2.16
197	97	322	M- A	+0.00	-1.06	-122.37	+0.00	-481.70	-2.16
198	97	0	0 G	+5.85	-0.49	+546.43	+5.48	-31.55	-0.22
198	98	321	0 G	+5.85	+0.23	+640.29	+5.48	-26.93	-0.22
198		0	1 Q1	+10.03	+0.21	+1179.87	-1.18	-144.28	+0.09
198		321	1 Q1	+10.03	-0.07	+1643.02	-1.18	-144.28	+0.09
198		0	11 M1	+9.06	+0.13	+728.25	-0.52	-98.29	+0.05
198		321	11 M1	+9.06	-0.02	+1043.77	-0.52	-98.29	+0.05
198		0	12 M2	-0.39	-0.27	-445.87	+2.69	+69.34	-0.13
198		321	12 M2	-0.39	+0.14	-668.44	+2.69	+69.34	-0.13
198		0	13 M3	+0.33	+0.08	+194.12	-0.78	-30.19	+0.04
198		321	13 M3	+0.33	-0.06	+291.02	-0.78	-30.19	+0.04
198		0	14 M4	-2.16	-0.28	+157.33	+2.58	+3.38	-0.12
198		321	14 M4	-2.16	+0.12	+146.47	+2.58	+3.38	-0.12
198		0	15 M5	+0.18	-0.10	-86.74	+1.03	+13.49	-0.04
198		321	15 M5	+0.18	+0.04	-130.05	+1.03	+13.49	-0.04
198		0	16 M6	+0.12	+0.01	+41.69	-0.09	-6.48	+0.01
198		321	16 M6	+0.12	-0.01	+62.50	-0.09	-6.48	+0.01
198		0	17 M7	-0.02	-0.02	-29.03	+0.14	+4.52	-0.01
198		321	17 M7	-0.02	+0.01	-43.53	+0.14	+4.52	-0.01
198	97	0	M+ A	+34.91	+0.00	+3411.94	+11.33	+72.46	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
198	98	321	M+ A	+34.91	+0.52	+4635.31	+11.33	+77.08	+0.00
198	97	0	M- A	+0.00	-1.06	-122.37	+0.00	-384.19	-0.49
198	98	321	M- A	+0.00	+0.00	-362.38	+0.00	-378.04	-0.49
199	98	0	0 G	+5.85	+0.23	+640.29	+6.41	+5.98	+0.23
199	99	322	0 G	+5.85	-0.50	+613.57	+6.41	+10.62	+0.23
199		0	1 Q1	+10.03	-0.07	+1643.02	-1.38	-119.04	+0.21
199		322	1 Q1	+10.03	-0.76	+2026.31	-1.38	-119.04	+0.21
199		0	11 M1	+9.06	-0.02	+1043.77	-0.61	-73.62	+0.16
199		322	11 M1	+9.06	-0.54	+1280.82	-0.61	-73.62	+0.16
199		0	12 M2	-0.39	+0.14	-668.44	+3.15	+69.62	-0.01
199		322	12 M2	-0.39	+0.17	-892.61	+3.15	+69.62	-0.01
199		0	13 M3	+0.33	-0.06	+291.02	-0.91	-30.31	+0.04
199		322	13 M3	+0.33	-0.17	+388.61	-0.91	-30.31	+0.04
199		0	14 M4	-2.16	+0.12	+146.47	+3.02	+10.58	-0.04
199		322	14 M4	-2.16	+0.24	+112.42	+3.02	+10.58	-0.04
199		0	15 M5	+0.18	+0.04	-130.05	+1.21	+13.55	+0.06
199		322	15 M5	+0.18	-0.14	-173.67	+1.21	+13.55	+0.06
199		0	16 M6	+0.12	-0.01	+62.50	-0.11	-6.51	+0.01
199		322	16 M6	+0.12	-0.05	+83.46	-0.11	-6.51	+0.01
199		0	17 M7	-0.02	+0.01	-43.53	+0.17	+4.53	-0.00
199		322	17 M7	-0.02	+0.01	-58.13	+0.17	+4.53	-0.00
199	98	0	M+ A	+34.91	+0.52	+4635.31	+13.25	+112.38	+0.83
199	99	322	M+ A	+34.91	+0.00	+5472.80	+13.25	+118.55	+0.83
199	98	0	M- A	+0.00	+0.00	-362.38	+0.00	-265.15	+0.00
199	99	322	M- A	+0.00	-2.50	-725.35	+0.00	-260.51	+0.00
200	99	0	0 G	+5.85	-0.50	+613.57	+7.34	+43.18	+0.45
200	100	321	0 G	+5.85	-1.96	+466.56	+7.34	+48.41	+0.45
200		0	1 Q1	+10.03	-0.76	+2026.31	-1.58	-93.79	+0.54
200		321	1 Q1	+10.03	-2.49	+2327.37	-1.58	-93.79	+0.54
200		0	11 M1	+9.06	-0.54	+1280.82	-0.69	-47.74	+0.42
200		321	11 M1	+9.06	-1.88	+1434.07	-0.69	-47.74	+0.42
200		0	12 M2	-0.39	+0.17	-892.61	+3.61	+69.78	-0.05
200		321	12 M2	-0.39	+0.34	-1116.62	+3.61	+69.78	-0.05
200		0	13 M3	+0.33	-0.17	+388.61	-1.05	-30.37	+0.10
200		321	13 M3	+0.33	-0.49	+486.10	-1.05	-30.37	+0.10
200		0	14 M4	-2.16	+0.24	+112.42	+3.46	+28.13	-0.15
200		321	14 M4	-2.16	+0.71	+22.12	+3.46	+28.13	-0.15
200		0	15 M5	+0.18	-0.14	-173.67	+1.39	+13.58	+0.13
200		321	15 M5	+0.18	-0.57	-217.27	+1.39	+13.58	+0.13
200		0	16 M6	+0.12	-0.05	+83.46	-0.12	-6.52	+0.03
200		321	16 M6	+0.12	-0.16	+104.40	-0.12	-6.52	+0.03
200		0	17 M7	-0.02	+0.01	-58.13	+0.19	+4.54	-0.01
200		321	17 M7	-0.02	+0.03	-72.71	+0.19	+4.54	-0.01
200	99	0	M+ A	+34.91	+0.00	+5472.80	+15.18	+162.11	+1.96
200	100	321	M+ A	+34.91	+0.00	+5913.58	+15.18	+169.06	+1.96
200	99	0	M- A	+0.00	-2.50	-725.35	+0.00	-155.04	+0.00
200	100	321	M- A	+0.00	-8.78	-1208.37	+0.00	-149.81	+0.00
201	100	0	0 G	+13.21	+2.04	+56.27	-348.27	-90.12	+0.73
201	101	322	0 G	+13.21	-0.31	+338.01	-348.27	-84.87	+0.73
201		0	1 Q1	+4.53	+3.10	+1938.19	+165.44	-10.11	+0.77
201		322	1 Q1	+4.53	+0.63	+1970.76	+165.44	-10.11	+0.77
201		0	11 M1	+5.61	+2.27	+1168.28	+77.93	-7.76	+0.57
201		322	11 M1	+5.61	+0.43	+1193.28	+77.93	-7.76	+0.57
201		0	12 M2	+3.71	-0.54	-1080.98	-215.79	-29.86	-0.07
201		322	12 M2	+3.71	-0.32	-984.82	-215.79	-29.86	-0.07
201		0	13 M3	-1.70	+0.83	+480.98	+98.73	+15.44	+0.17
201		322	13 M3	-1.70	+0.28	+431.27	+98.73	+15.44	+0.17
201		0	14 M4	+3.27	-1.28	-195.45	-196.97	-48.97	-0.21
201		322	14 M4	+3.27	-0.61	-37.76	-196.97	-48.97	-0.21
201		0	15 M5	-0.07	+1.00	-214.19	-42.82	-6.72	+0.24
201		322	15 M5	-0.07	+0.21	-192.55	-42.82	-6.72	+0.24
201		0	16 M6	-0.43	+0.27	+103.10	+21.21	+3.26	+0.06
201		322	16 M6	-0.43	+0.09	+92.60	+21.21	+3.26	+0.06
201		0	17 M7	+0.21	-0.06	-72.03	-14.77	-2.33	-0.01
201		322	17 M7	+0.21	-0.03	-64.52	-14.77	-2.33	-0.01
201	100	0	M+ A	+32.11	+10.31	+4443.82	+23.17	+0.00	+2.87
201	101	322	M+ A	+32.11	+1.18	+4900.00	+23.17	+0.00	+2.87
201	100	0	M- A	+0.00	+0.00	-1565.20	-786.88	-206.97	+0.00
201	101	322	M- A	+0.00	-1.33	-1139.23	-786.88	-200.00	+0.00
202	100	0	0 G	-8.28	-1.29	+410.29	+393.51	+41.72	-0.62
202	189	341	0 G	-8.28	+0.82	+261.48	+394.79	+45.30	-0.62
202		0	1 Q1	+3.30	-7.12	+389.19	-176.86	+2.00	-0.41
202		341	1 Q1	+3.30	-5.71	+382.35	-176.86	+2.00	-0.41
202		0	11 M1	+1.84	-5.07	+265.78	-81.87	+4.81	-0.29
202		341	11 M1	+1.84	-4.09	+249.34	-81.87	+4.81	-0.29
202		0	12 M2	-3.56	+2.20	-35.64	+240.54	+19.84	-0.01
202		341	12 M2	-3.56	+2.25	-103.50	+240.54	+19.84	-0.01
202		0	13 M3	+1.47	-1.92	+5.12	-109.49	-9.52	-0.12
202		341	13 M3	+1.47	-1.52	+37.67	-109.49	-9.52	-0.12
202		0	14 M4	-4.45	+3.70	+217.57	+223.96	+29.87	+0.05
202		341	14 M4	-4.45	+3.54	+115.43	+223.96	+29.87	+0.05
202		0	15 M5	-0.29	-1.56	-3.08	+48.63	+4.19	-0.21
202		341	15 M5	-0.29	-0.84	-17.41	+48.63	+4.19	-0.21
202		0	16 M6	+0.38	-0.60	+1.30	-23.39	-2.03	-0.04
202		341	16 M6	+0.38	-0.46	+8.23	-23.39	-2.03	-0.04
202		0	17 M7	-0.18	+0.17	-0.69	+16.43	+1.43	+0.01
202		341	17 M7	-0.18	+0.14	-5.58	+16.43	+1.43	+0.01
202	100	0	M+ A	+0.00	+4.27	+1469.77	+884.18	+102.99	+0.00
202	189	341	M+ A	+0.00	+6.39	+1237.95	+885.88	+107.75	+0.00
202	100	0	M- A	-17.68	-18.93	+0.00	-9.48	+0.00	-1.80
202	189	341	M- A	-17.68	-13.03	+0.00	-8.21	+0.00	-1.80
203	101	0	0 G	+13.21	-0.31	+338.01	-347.40	-51.77	+0.17
203	102	321	0 G	+13.21	-0.86	+495.78	-347.40	-46.54	+0.17
203		0	1 Q1	+4.53	+0.63	+1970.76	+165.27	+16.21	+0.23
203		321	1 Q1	+4.53	-0.12	+1918.72	+165.27	+16.21	+0.23
203		0	11 M1	+5.61	+0.43	+1193.28	+77.86	-0.73	+0.18
203		321	11 M1	+5.61	-0.14	+1195.64	+77.86	-0.73	+0.18
203		0	12 M2	+3.71	-0.32	-984.82	-215.36	-30.06	-0.04
203		321	12 M2	+3.71	-0.20	-888.34	-215.36	-30.06	-0.04
203		0	13 M3	-1.70	+0.28	+431.27	+98.62	+15.52	+0.05
203		321	13 M3	-1.70	+0.11	+381.44	+98.62	+15.52	+0.05
203		0	14 M4	+3.27	-0.61	-37.76	-196.57	-24.38	-0.09
203		321	14 M4	+3.27	-0.32	+40.51	-196.57	-24.38	-0.09
203		0	15 M5	-0.07	+0.21	-192.55	-42.65	-6.75	+0.07
203		321	15 M5	-0.07	-0.01	-170.89	-42.65	-6.75	+0.07
203		0	16 M6	-0.43	+0.09	+92.60	+21.20	+3.28	+0.02

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
203		321	16 M6	-0.43	+0.03	+82.07	+21.20	+3.28	+0.02
203		0	17 M7	+0.21	-0.03	-64.52	-14.75	-2.34	-0.00
203		321	17 M7	+0.21	-0.01	-57.00	-14.75	-2.34	-0.00
203	101	0	M+ A	+32.11	+1.18	+4900.00	+23.64	+0.00	+0.81
203	102	321	M+ A	+32.11	+0.00	+5043.13	+23.64	+0.00	+0.81
203	101	0	M- A	+0.00	-1.33	-1139.23	-785.09	-113.94	+0.00
203	102	321	M- A	+0.00	-1.80	-836.72	-785.09	-106.98	+0.00
204	102	0	0 G	+13.21	-0.86	+495.78	-346.59	-13.87	+0.02
204	103	321	0 G	+13.21	-0.92	+532.89	-346.59	-9.25	+0.02
204		0	1 Q1	+4.53	-0.12	+1918.72	+165.13	+41.78	+0.03
204		321	1 Q1	+4.53	-0.23	+1784.60	+165.13	+41.78	+0.03
204		0	11 M1	+5.61	-0.14	+1195.64	+77.80	+19.95	+0.02
204		321	11 M1	+5.61	-0.19	+1131.61	+77.80	+19.95	+0.02
204		0	12 M2	+3.71	-0.20	-888.34	-214.98	-30.02	-0.01
204		321	12 M2	+3.71	-0.18	-791.98	-214.98	-30.02	-0.01
204		0	13 M3	-1.70	+0.11	+381.44	+98.52	+15.51	+0.02
204		321	13 M3	-1.70	+0.03	+331.67	+98.52	+15.51	+0.02
204		0	14 M4	+3.27	-0.32	+40.51	-196.20	-14.82	-0.02
204		321	14 M4	+3.27	-0.26	+88.10	-196.20	-14.82	-0.02
204		0	15 M5	-0.07	-0.01	-170.89	-42.49	-6.73	+0.03
204		321	15 M5	-0.07	-0.10	-149.27	-42.49	-6.73	+0.03
204		0	16 M6	-0.43	+0.03	+82.07	+21.19	+3.28	+0.01
204		321	16 M6	-0.43	-0.00	+71.54	+21.19	+3.28	+0.01
204		0	17 M7	+0.21	-0.01	-57.00	-14.73	-2.34	-0.00
204		321	17 M7	+0.21	-0.01	-49.49	-14.73	-2.34	-0.00
204	102	0	M+ A	+32.11	+0.00	+5043.13	+24.12	+72.46	+0.12
204	103	321	M+ A	+32.11	+0.00	+4815.37	+24.12	+77.08	+0.12
204	102	0	M- A	+0.00	-1.80	-836.72	-783.43	-63.48	-0.01
204	103	321	M- A	+0.00	-1.93	-655.08	-783.43	-57.33	-0.01
205	103	0	0 G	+13.21	-0.92	+532.89	-345.84	+23.18	+0.31
205	104	322	0 G	+13.21	-1.91	+450.79	-345.84	+27.81	+0.31
205		0	1 Q1	+4.53	-0.23	+1784.60	+165.03	+66.86	+0.11
205		322	1 Q1	+4.53	-0.58	+1569.30	+165.03	+66.86	+0.11
205		0	11 M1	+5.61	-0.19	+1131.61	+77.76	+45.68	+0.05
205		322	11 M1	+5.61	-0.34	+984.53	+77.76	+45.68	+0.05
205		0	12 M2	+3.71	-0.18	-791.98	-214.65	-29.79	+0.06
205		322	12 M2	+3.71	-0.39	-696.06	-214.65	-29.79	+0.06
205		0	13 M3	-1.70	+0.03	+331.67	+98.44	+15.41	+0.07
205		322	13 M3	-1.70	-0.21	+282.06	+98.44	+15.41	+0.07
205		0	14 M4	+3.27	-0.26	+88.10	-195.87	-3.84	+0.07
205		322	14 M4	+3.27	-0.48	+100.48	-195.87	-3.84	+0.07
205		0	15 M5	-0.07	-0.10	-149.27	-42.34	-6.69	+0.13
205		322	15 M5	-0.07	-0.53	-127.74	-42.34	-6.69	+0.13
205		0	16 M6	-0.43	-0.00	+71.54	+21.19	+3.26	+0.04
205		322	16 M6	-0.43	-0.12	+61.05	+21.19	+3.26	+0.04
205		0	17 M7	+0.21	-0.01	-49.49	-14.72	-2.32	-0.00
205		322	17 M7	+0.21	-0.00	-42.00	-14.72	-2.32	-0.00
205	103	0	M+ A	+32.11	+0.00	+4815.37	+24.61	+189.60	+0.75
205	104	322	M+ A	+32.11	+0.00	+4194.91	+24.61	+195.77	+0.75
205	103	0	M- A	+0.00	-1.93	-655.08	-781.94	-21.51	+0.00
205	104	322	M- A	+0.00	-4.12	-593.30	-781.94	-16.87	+0.00
206	104	0	0 G	+13.21	-1.91	+450.79	-345.17	+60.29	+0.88
206	105	321	0 G	+13.21	-4.74	+249.83	-345.17	+64.92	+0.88
206		0	1 Q1	+4.53	-0.58	+1569.30	+164.96	+92.34	+0.32
206		321	1 Q1	+4.53	-1.59	+1272.88	+164.96	+92.34	+0.32
206		0	11 M1	+5.61	-0.34	+984.53	+77.73	+68.12	+0.16
206		321	11 M1	+5.61	-0.84	+765.88	+77.73	+68.12	+0.16
206		0	12 M2	+3.71	-0.39	-696.06	-214.36	-29.76	+0.18
206		321	12 M2	+3.71	-0.97	-600.52	-214.36	-29.76	+0.18
206		0	13 M3	-1.70	-0.21	+282.06	+98.39	+15.40	+0.17
206		321	13 M3	-1.70	-0.75	+232.63	+98.39	+15.40	+0.17
206		0	14 M4	+3.27	-0.48	+100.48	-195.58	+21.20	+0.21
206		321	14 M4	+3.27	-1.14	+32.41	-195.58	+21.20	+0.21
206		0	15 M5	-0.07	-0.53	-127.74	-42.19	-6.68	+0.33
206		321	15 M5	-0.07	-1.58	-106.30	-42.19	-6.68	+0.33
206		0	16 M6	-0.43	-0.12	+61.05	+21.19	+3.26	+0.08
206		321	16 M6	-0.43	-0.38	+50.60	+21.19	+3.26	+0.08
206		0	17 M7	+0.21	-0.00	-42.00	-14.70	-2.32	-0.01
206		321	17 M7	+0.21	+0.02	-34.54	-14.70	-2.32	-0.01
206	104	0	M+ A	+32.11	+0.00	+4194.91	+25.11	+307.03	+2.09
206	105	321	M+ A	+32.11	+0.00	+3199.48	+25.11	+313.18	+2.09
206	104	0	M- A	+0.00	-4.12	-593.30	-780.61	+0.00	+0.00
206	105	321	M- A	+0.00	-10.83	-650.95	-780.61	+0.00	+0.00
207	105	0	0 G	+13.21	-4.74	+249.83	-344.57	+97.73	+0.96
207	106	322	0 G	+13.21	-7.82	-72.32	-344.57	+102.36	+0.96
207		0	1 Q1	+4.53	-1.59	+1272.88	+164.93	+118.06	+0.37
207		322	1 Q1	+4.53	-2.79	+892.72	+164.93	+118.06	+0.37
207		0	11 M1	+5.61	-0.84	+765.88	+77.73	+76.11	+0.18
207		322	11 M1	+5.61	-1.43	+520.82	+77.73	+76.11	+0.18
207		0	12 M2	+3.71	-0.97	-600.52	-214.11	-29.74	+0.18
207		322	12 M2	+3.71	-1.56	-504.74	-214.11	-29.74	+0.18
207		0	13 M3	-1.70	-0.75	+232.63	+98.36	+15.39	+0.20
207		322	13 M3	-1.70	-1.40	+183.06	+98.36	+15.39	+0.20
207		0	14 M4	+3.27	-1.14	+32.41	-195.33	+47.35	+0.21
207		322	14 M4	+3.27	-1.81	-120.05	-195.33	+47.35	+0.21
207		0	15 M5	-0.07	-1.58	-106.30	-42.06	-6.67	+0.37
207		322	15 M5	-0.07	-2.77	-84.82	-42.06	-6.67	+0.37
207		0	16 M6	-0.43	-0.38	+50.60	+21.19	+3.26	+0.09
207		322	16 M6	-0.43	-0.68	+40.11	+21.19	+3.26	+0.09
207		0	17 M7	+0.21	+0.02	-34.54	-14.69	-2.32	-0.01
207		322	17 M7	+0.21	+0.05	-27.07	-14.69	-2.32	-0.01
207	105	0	M+ A	+32.11	+0.00	+3199.48	+25.62	+403.52	+2.33
207	106	322	M+ A	+32.11	+0.00	+1914.08	+25.62	+409.69	+2.33
207	105	0	M- A	+0.00	-10.83	-650.95	-779.44	+0.00	+0.00
207	106	322	M- A	+0.00	-18.32	-853.30	-779.44	+0.00	+0.00
208	106	0	0 G	+13.21	-7.82	-72.32	-344.03	+136.71	-1.89
208	107	321	0 G	+13.21	-1.74	-518.59	-344.03	+141.34	-1.89
208		0	1 Q1	+4.53	-2.79	+892.72	+164.94	+144.45	-0.53
208		321	1 Q1	+4.53	-1.08	+429.04	+164.94	+144.45	-0.53
208		0	11 M1	+5.61	-1.43	+520.82	+77.74	+91.14	-0.30
208		321	11 M1	+5.61	-0.45	+228.27	+77.74	+91.14	-0.30
208		0	12 M2	+3.71	-1.56	-504.74	-213.90	-29.48	-0.45
208		321	12 M2	+3.71	-0.11	-410.12	-213.90	-29.48	-0.45
208		0	13 M3	-1.70	-1.40	+183.06	+98.35	+15.29	-0.22
208		321	13 M3	-1.70	-0.71	+133.96	+98.35	+15.29	-0.22
208		0	14 M4	+3.27	-1.81	-120.05	-195.12	+64.01	-0.56

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
208		321	14 M4	+3.27	-0.01	-325.51	-195.12	+64.01	-0.56
208		0	15 M5	-0.07	-2.77	-84.82	-41.92	-6.64	-0.54
208		321	15 M5	-0.07	-1.03	-63.52	-41.92	-6.64	-0.54
208		0	16 M6	-0.43	-0.68	+40.11	+21.21	+3.23	-0.12
208		321	16 M6	-0.43	-0.31	+29.73	+21.21	+3.23	-0.12
208		0	17 M7	+0.21	+0.05	-27.07	-14.69	-2.31	+0.01
208		321	17 M7	+0.21	+0.03	-19.66	-14.69	-2.31	+0.01
208	106	0	M+ A	+32.11	+0.00	+1914.08	+26.16	+513.54	+0.00
208	107	321	M+ A	+32.11	+0.00	+403.03	+26.16	+519.69	+0.00
208	106	0	M- A	+0.00	-18.32	-853.30	-778.41	+0.00	-4.08
208	107	321	M- A	+0.00	-5.32	-1304.90	-778.41	+0.00	-4.08
209	107	0	0 G	+13.21	-1.74	-518.59	-343.55	+174.62	-11.45
209	108	322	0 G	+13.21	+35.13	-1088.34	-343.55	+179.26	-11.45
209		0	1 Q1	+4.53	-1.08	+429.04	+164.98	+170.60	-3.72
209		322	1 Q1	+4.53	+10.90	-120.29	+164.98	+170.60	-3.72
209		0	11 M1	+5.61	-0.45	+228.27	+77.77	+110.88	-1.98
209		322	11 M1	+5.61	+5.93	-128.76	+77.77	+110.88	-1.98
209		0	12 M2	+3.71	-0.11	-410.12	-213.75	-29.41	-2.51
209		322	12 M2	+3.71	+7.98	-315.43	-213.75	-29.41	-2.51
209		0	13 M3	-1.70	-0.71	+133.96	+98.36	+15.27	-1.74
209		322	13 M3	-1.70	+4.89	+84.80	+98.36	+15.27	-1.74
209		0	14 M4	+3.27	-0.01	-325.51	-194.95	+71.42	-3.05
209		322	14 M4	+3.27	+9.82	-555.50	-194.95	+71.42	-3.05
209		0	15 M5	-0.07	-1.03	-63.52	-41.80	-6.63	-3.74
209		322	15 M5	-0.07	+10.99	-42.16	-41.80	-6.63	-3.74
209		0	16 M6	-0.43	-0.31	+29.73	+21.22	+3.23	-0.87
209		322	16 M6	-0.43	+2.49	+19.33	+21.22	+3.23	-0.87
209		0	17 M7	+0.21	+0.03	-19.66	-14.68	-2.30	+0.07
209		322	17 M7	+0.21	-0.20	-12.24	-14.68	-2.30	+0.07
209	107	0	M+ A	+32.11	+0.00	+403.03	+26.71	+628.88	+0.00
209	108	322	M+ A	+32.11	+77.93	+0.00	+26.71	+635.05	+0.00
209	107	0	M- A	+0.00	-5.32	-1304.90	-777.54	+0.00	-25.85
209	108	322	M- A	+0.00	+0.00	-2443.13	-777.54	+0.00	-25.85
210	108	0	0 G	+13.21	+35.13	-1088.34	-343.17	+193.91	-25.91
210	109	321	0 G	+13.21	+118.29	-1719.60	-343.17	+199.40	-25.91
210		0	1 Q1	+4.53	+10.90	-120.29	+165.06	+187.87	-8.83
210		321	1 Q1	+4.53	+39.24	-723.35	+165.06	+187.87	-8.83
210		0	11 M1	+5.61	+5.93	-128.76	+77.81	+114.90	-4.59
210		321	11 M1	+5.61	+20.68	-497.58	+77.81	+114.90	-4.59
210		0	12 M2	+3.71	+7.98	-315.43	-213.64	-31.96	-5.49
210		321	12 M2	+3.71	+25.60	-212.84	-213.64	-31.96	-5.49
210		0	13 M3	-1.70	+4.89	+84.80	+98.39	+16.27	-4.29
210		321	13 M3	-1.70	+18.65	+32.58	+98.39	+16.27	-4.29
210		0	14 M4	+3.27	+9.82	-555.50	-194.83	+80.91	-6.66
210		321	14 M4	+3.27	+31.18	-815.23	-194.83	+80.91	-6.66
210		0	15 M5	-0.07	+10.99	-42.16	-41.69	-6.91	-8.81
210		321	15 M5	-0.07	+39.26	-19.98	-41.69	-6.91	-8.81
210		0	16 M6	-0.43	+2.49	+19.33	+21.24	+3.47	-2.10
210		321	16 M6	-0.43	+9.22	+8.20	+21.24	+3.47	-2.10
210		0	17 M7	+0.21	-0.20	-12.24	-14.68	-2.44	+0.20
210		321	17 M7	+0.21	-0.83	-4.42	-14.68	-2.44	+0.20
210	108	0	M+ A	+32.11	+77.93	+0.00	+27.24	+683.87	+0.00
210	109	321	M+ A	+32.11	+269.20	+0.00	+27.24	+691.17	+0.00
210	108	0	M- A	+0.00	+0.00	-2443.13	-776.86	+0.00	-59.59
210	109	321	M- A	+0.00	+0.00	-4486.44	-776.86	+0.00	-59.59
211	109	0	0 G	-39.06	-123.76	-1710.32	-249.70	-196.93	-27.12
211	110	355	0 G	-39.06	-27.49	-1022.00	-249.70	-190.85	-27.12
211		0	1 Q1	-9.97	-38.91	-211.26	+133.48	+13.87	-8.34
211		355	1 Q1	-9.97	-9.31	-260.48	+133.48	+13.87	-8.34
211		0	11 M1	-6.05	-21.16	-166.20	+55.67	+8.20	-4.57
211		355	11 M1	-6.05	-4.92	-195.30	+55.67	+8.20	-4.57
211		0	12 M2	-6.23	-27.67	-494.15	-159.13	-62.28	-6.14
211		355	12 M2	-6.23	-5.89	-273.06	-159.13	-62.28	-6.14
211		0	13 M3	-3.44	-17.80	+100.94	+103.83	+5.14	-3.74
211		355	13 M3	-3.44	-4.52	+82.70	+103.83	+5.14	-3.74
211		0	14 M4	-6.52	-33.28	-850.02	-164.24	-92.73	-7.40
211		355	14 M4	-6.52	-7.02	-520.83	-164.24	-92.73	-7.40
211		0	15 M5	-12.89	-39.60	-62.31	-6.22	-6.18	-8.51
211		355	15 M5	-12.89	-9.38	-40.36	-6.22	-6.18	-8.51
211		0	16 M6	-0.42	-8.95	+22.60	+26.40	+1.19	-1.91
211		355	16 M6	-0.42	-2.18	+18.37	+26.40	+1.19	-1.91
211		0	17 M7	+0.40	+0.73	-15.05	-14.03	-0.77	+0.14
211		355	17 M7	+0.40	+0.22	-12.33	-14.03	-0.77	+0.14
211	109	0	M+ A	+0.00	+0.00	+0.00	+86.24	+0.00	+0.00
211	110	355	M+ A	+0.00	+0.00	+0.00	+86.24	+0.00	+0.00
211	109	0	M- A	-84.74	-276.54	-3834.96	-578.46	-401.01	-60.09
211	110	355	M- A	-84.74	-63.21	-2492.16	-578.46	-392.93	-60.09
212	109	0	0 G	-1.86	+143.09	-26.87	-442.01	-2.29	+11.53
212	259	753	0 G	-1.86	+56.31	-9.64	-433.22	-2.29	+11.53
212		0	1 Q1	-0.81	-4.47	-542.25	+120.28	-62.56	-0.33
212		753	1 Q1	-0.81	-2.00	-71.16	+120.28	-62.56	-0.33
212		0	11 M1	-0.85	+10.88	-336.90	+49.22	-38.87	+0.88
212		753	11 M1	-0.85	+4.23	-44.20	+49.22	-38.87	+0.88
212		0	12 M2	-1.11	+51.43	+279.97	-203.31	+33.19	+4.27
212		753	12 M2	-1.11	+19.27	+30.09	-203.31	+33.19	+4.27
212		0	13 M3	-0.01	-19.47	-71.53	+93.06	-8.88	-1.62
212		753	13 M3	-0.01	-7.30	-4.63	+93.06	-8.88	-1.62
212		0	14 M4	-1.46	+59.64	+34.84	-208.05	+4.76	+5.08
212		753	14 M4	-1.46	+21.38	-1.00	-208.05	+4.76	+5.08
212		0	15 M5	+0.08	+6.62	+36.65	-41.77	+4.51	+0.55
212		753	15 M5	+0.08	+2.51	+2.67	-41.77	+4.51	+0.55
212		0	16 M6	-0.17	-4.75	-16.51	+19.79	-2.05	-0.39
212		753	16 M6	-0.17	-1.80	-1.08	+19.79	-2.05	-0.39
212		0	17 M7	+0.01	+2.58	+10.24	-14.01	+1.27	+0.22
212		753	17 M7	+0.01	+0.96	+0.66	-14.01	+1.27	+0.22
212	109	0	M+ A	+0.00	+279.78	+393.10	+0.00	+47.49	+22.95
212	259	753	M+ A	+0.00	+106.95	+35.49	+0.00	+47.49	+22.95
212	109	0	M- A	-5.76	+0.00	-1273.13	-899.95	-145.81	+0.00
212	259	753	M- A	-5.76	+0.00	-175.19	-888.26	-145.81	+0.00
213	110	0	0 G	-39.06	-27.49	-1022.00	-249.39	-171.90	-9.55
213	111	355	0 G	-39.06	+6.40	-420.82	-249.39	-166.79	-9.55
213		0	1 Q1	-9.97	-9.31	-260.48	+133.62	+13.64	-3.09
213		355	1 Q1	-9.97	+1.64	-308.91	+133.62	+13.64	-3.09
213		0	11 M1	-6.05	-4.92	-195.30	+55.74	+7.66	-1.66
213		355	11 M1	-6.05	+0.96	-222.49	+55.74	+7.66	-1.66
213		0	12 M2	-6.23	-5.89	-273.06	-159.08	-65.22	-2.10

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
213		355	12 M2	-6.23	+1.57	-41.52	-159.08	-65.22	-2.10
213		0	13 M3	-3.44	-4.52	+82.70	+103.90	+6.01	-1.44
213		355	13 M3	-3.44	+0.59	+61.37	+103.90	+6.01	-1.44
213		0	14 M4	-6.52	-7.02	-520.83	-164.17	-82.33	-2.53
213		355	14 M4	-6.52	+1.94	-228.56	-164.17	-82.33	-2.53
213		0	15 M5	-12.89	-9.38	-40.36	-6.10	-6.42	-3.12
213		355	15 M5	-12.89	+1.69	-17.56	-6.10	-6.42	-3.12
213		0	16 M6	-0.42	-2.18	+18.37	+26.43	+1.40	-0.72
213		355	16 M6	-0.42	+0.37	+13.40	+26.43	+1.40	-0.72
213		0	17 M7	+0.40	+0.22	-12.33	-14.03	-0.88	+0.06
213		355	17 M7	+0.40	+0.00	-9.20	-14.03	-0.88	+0.06
213	110	0	M+ A	+0.00	+0.00	+0.00	+86.86	+0.00	+0.00
213	111	355	M+ A	+0.00	+13.64	+0.00	+86.86	+0.00	+0.00
213	110	0	M- A	-84.74	-63.21	-2492.16	-577.95	-352.13	-21.54
213	111	355	M- A	-84.74	+0.00	-1319.55	-577.95	-345.33	-21.54
214	111	0	0 G	-39.06	+6.40	-420.82	-249.10	-129.50	-0.44
214	112	355	0 G	-39.06	+7.95	+29.84	-249.10	-124.39	-0.44
214		0	1 Q1	-9.97	+1.64	-308.91	+133.81	+13.55	-0.22
214		355	1 Q1	-9.97	+2.41	-357.00	+133.81	+13.55	-0.22
214		0	11 M1	-6.05	+0.96	-222.49	+55.84	+7.70	-0.10
214		355	11 M1	-6.05	+1.32	-249.84	+55.84	+7.70	-0.10
214		0	12 M2	-6.23	+1.57	-41.52	-159.06	-64.71	-0.07
214		355	12 M2	-6.23	+1.80	+188.20	-159.06	-64.71	-0.07
214		0	13 M3	-3.44	+0.59	+61.37	+104.01	+5.93	-0.13
214		355	13 M3	-3.44	+1.06	+40.32	+104.01	+5.93	-0.13
214		0	14 M4	-6.52	+1.94	-228.56	-164.14	-73.74	-0.07
214		355	14 M4	-6.52	+2.20	+33.23	-164.14	-73.74	-0.07
214		0	15 M5	-12.89	+1.69	-17.56	-5.97	-6.40	-0.21
214		355	15 M5	-12.89	+2.44	+5.16	-5.97	-6.40	-0.21
214		0	16 M6	-0.42	+0.37	+13.40	+26.47	+1.38	-0.05
214		355	16 M6	-0.42	+0.56	+8.49	+26.47	+1.38	-0.05
214		0	17 M7	+0.40	+0.00	-9.20	-14.04	-0.87	+0.01
214		355	17 M7	+0.40	-0.03	-6.10	-14.04	-0.87	+0.01
214	111	0	M+ A	+0.00	+13.64	+0.00	+87.56	+0.00	+0.00
214	112	355	M+ A	+0.00	+17.49	+321.99	+87.56	+0.00	+0.00
214	111	0	M- A	-84.74	+0.00	-1319.55	-577.51	-282.85	-1.19
214	112	355	M- A	-84.74	+0.00	-826.87	-577.51	-276.05	-1.19
215	112	0	0 G	-39.06	+7.95	+29.84	-248.84	-87.29	+1.37
215	113	355	0 G	-39.06	+3.08	+330.64	-248.84	-82.18	+1.37
215		0	1 Q1	-9.97	+2.41	-357.00	+134.04	+13.56	+0.39
215		355	1 Q1	-9.97	+1.02	-405.12	+134.04	+13.56	+0.39
215		0	11 M1	-6.05	+1.32	-249.84	+55.95	+7.75	+0.22
215		355	11 M1	-6.05	+0.54	-277.35	+55.95	+7.75	+0.22
215		0	12 M2	-6.23	+1.80	+188.20	-159.08	-51.14	+0.32
215		355	12 M2	-6.23	+0.67	+369.75	-159.08	-51.14	+0.32
215		0	13 M3	-3.44	+1.06	+40.32	+104.14	+5.85	+0.16
215		355	13 M3	-3.44	+0.49	+19.55	+104.14	+5.85	+0.16
215		0	14 M4	-6.52	+2.20	+33.23	-164.13	-50.14	+0.39
215		355	14 M4	-6.52	+0.80	+211.23	-164.13	-50.14	+0.39
215		0	15 M5	-12.89	+2.44	+5.16	-5.84	-6.36	+0.40
215		355	15 M5	-12.89	+1.02	+27.73	-5.84	-6.36	+0.40
215		0	16 M6	-0.42	+0.56	+8.49	+26.52	+1.36	+0.09
215		355	16 M6	-0.42	+0.24	+3.64	+26.52	+1.36	+0.09
215		0	17 M7	+0.40	-0.03	-6.10	-14.05	-0.86	-0.00
215		355	17 M7	+0.40	-0.02	-3.05	-14.05	-0.86	-0.00
215	112	0	M+ A	+0.00	+17.49	+321.99	+88.32	+0.00	+2.95
215	113	355	M+ A	+0.00	+7.00	+994.39	+88.32	+0.00	+2.95
215	112	0	M- A	-84.74	+0.00	-826.87	-577.16	-192.81	+0.00
215	113	355	M- A	-84.74	+0.00	-632.29	-577.16	-186.01	+0.00
216	113	0	0 G	-39.06	+3.08	+330.64	-248.62	-46.50	+0.90
216	114	355	0 G	-39.06	-0.12	+486.64	-248.62	-41.39	+0.90
216		0	1 Q1	-9.97	+1.02	-405.12	+134.30	+13.58	+0.27
216		355	1 Q1	-9.97	+0.07	-453.32	+134.30	+13.58	+0.27
216		0	11 M1	-6.05	+0.54	-277.35	+56.07	+7.76	+0.15
216		355	11 M1	-6.05	+0.02	-304.89	+56.07	+7.76	+0.15
216		0	12 M2	-6.23	+0.67	+369.75	-159.12	-29.25	+0.20
216		355	12 M2	-6.23	-0.02	+473.60	-159.12	-29.25	+0.20
216		0	13 M3	-3.44	+0.49	+19.55	+104.30	+5.85	+0.11
216		355	13 M3	-3.44	+0.10	-1.23	+104.30	+5.85	+0.11
216		0	14 M4	-6.52	+0.80	+211.23	-164.16	-21.19	+0.24
216		355	14 M4	-6.52	-0.07	+286.45	-164.16	-21.19	+0.24
216		0	15 M5	-12.89	+1.02	+27.73	-5.70	-6.32	+0.27
216		355	15 M5	-12.89	+0.07	+50.16	-5.70	-6.32	+0.27
216		0	16 M6	-0.42	+0.24	+3.64	+26.58	+1.36	+0.06
216		355	16 M6	-0.42	+0.04	-1.20	+26.58	+1.36	+0.06
216		0	17 M7	+0.40	-0.02	-3.05	-14.07	-0.86	-0.00
216		355	17 M7	+0.40	-0.01	+0.01	-14.07	-0.86	-0.00
216	113	0	M+ A	+0.00	+7.00	+994.39	+89.13	+0.00	+1.96
216	114	355	M+ A	+0.00	+0.12	+1357.63	+89.13	+0.00	+1.96
216	113	0	M- A	-84.74	+0.00	-632.29	-576.92	-105.72	+0.00
216	114	355	M- A	-84.74	-0.25	-582.68	-576.92	-98.92	+0.00
217	114	0	0 G	-39.06	-0.12	+486.64	-248.44	-5.93	+0.29
217	115	355	0 G	-39.06	-1.15	+498.62	-248.44	-0.82	+0.29
217		0	1 Q1	-9.97	+0.07	-453.32	+134.60	+13.72	+0.07
217		355	1 Q1	-9.97	-0.19	-502.04	+134.60	+13.72	+0.07
217		0	11 M1	-6.05	+0.02	-304.89	+56.22	+7.85	+0.04
217		355	11 M1	-6.05	-0.13	-332.76	+56.22	+7.85	+0.04
217		0	12 M2	-6.23	-0.02	+473.60	-159.19	-20.96	+0.07
217		355	12 M2	-6.23	-0.27	+548.00	-159.19	-20.96	+0.07
217		0	13 M3	-3.44	+0.10	-1.23	+104.49	+5.87	+0.02
217		355	13 M3	-3.44	+0.02	-22.07	+104.49	+5.87	+0.02
217		0	14 M4	-6.52	-0.07	+286.45	-164.22	-0.18	+0.09
217		355	14 M4	-6.52	-0.38	+287.10	-164.22	-0.18	+0.09
217		0	15 M5	-12.89	+0.07	+50.16	-5.55	-6.42	+0.07
217		355	15 M5	-12.89	-0.18	+72.97	-5.55	-6.42	+0.07
217		0	16 M6	-0.42	+0.04	-1.20	+26.64	+1.37	+0.02
217		355	16 M6	-0.42	-0.02	-6.07	+26.64	+1.37	+0.02
217		0	17 M7	+0.40	-0.01	+0.01	-14.09	-0.86	+0.00
217		355	17 M7	+0.40	-0.01	+3.07	-14.09	-0.86	+0.00
217	114	0	M+ A	+0.00	+0.12	+1357.63	+90.02	+24.37	+0.62
217	115	355	M+ A	+0.00	+0.00	+1485.15	+90.02	+29.48	+0.62
217	114	0	M- A	-84.74	-0.25	-582.68	-576.75	-39.32	+0.00
217	115	355	M- A	-84.74	-2.37	-678.28	-576.75	-32.52	+0.00
218	115	0	0 G	-39.06	-1.15	+498.62	-248.28	+34.90	-0.44
218	116	355	0 G	-39.06	+0.39	+364.46	-248.28	+40.68	-0.44
218		0	1 Q1	-9.97	-0.19	-502.04	+134.95	+13.75	-0.23

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
218		355	1 Q1	-9.97	+0.62	-550.87	+134.95	+13.75	-0.23
218		0	11 M1	-6.05	-0.13	-332.76	+56.38	+7.87	-0.11
218		355	11 M1	-6.05	+0.27	-360.68	+56.38	+7.87	-0.11
218		0	12 M2	-6.23	-0.27	+548.00	-159.30	+0.93	+0.02
218		355	12 M2	-6.23	-0.33	+544.68	-159.30	+0.93	+0.02
218		0	13 M3	-3.44	+0.02	-22.07	+104.71	+5.89	-0.12
218		355	13 M3	-3.44	+0.45	-42.96	+104.71	+5.89	-0.12
218		0	14 M4	-6.52	-0.38	+287.10	-164.31	+7.48	+0.05
218		355	14 M4	-6.52	-0.54	+260.53	-164.31	+7.48	+0.05
218		0	15 M5	-12.89	-0.18	+72.97	-5.40	-7.20	-0.25
218		355	15 M5	-12.89	+0.72	+98.54	-5.40	-7.20	-0.25
218		0	16 M6	-0.42	-0.02	-6.07	+26.72	+1.37	-0.01
218		355	16 M6	-0.42	+0.03	-10.94	+26.72	+1.37	-0.01
218		0	17 M7	+0.40	-0.01	+3.07	-14.11	-0.87	+0.02
218		355	17 M7	+0.40	-0.08	+6.15	-14.11	-0.87	+0.02
218	115	0	M+ A	+0.00	+0.00	+1485.15	+90.97	+76.78	+0.00
218	116	355	M+ A	+0.00	+2.44	+1301.76	+90.97	+84.47	+0.00
218	115	0	M- A	-84.74	-2.37	-678.28	-576.68	+0.00	-1.27
218	116	355	M- A	-84.74	-0.42	-920.23	-576.68	+0.00	-1.27
219	116	0	0 G	-39.06	+0.39	+364.46	-248.14	+76.82	-1.74
219	117	355	0 G	-39.06	+6.58	+81.49	-248.14	+82.60	-1.74
219		0	1 Q1	-9.97	+0.62	-550.87	+135.33	+13.46	-0.85
219		355	1 Q1	-9.97	+3.66	-598.65	+135.33	+13.46	-0.85
219		0	11 M1	-6.05	+0.27	-360.68	+56.56	+7.70	-0.43
219		355	11 M1	-6.05	+1.79	-388.00	+56.56	+7.70	-0.43
219		0	12 M2	-6.23	-0.33	+544.68	-159.43	+30.15	+0.03
219		355	12 M2	-6.23	-0.42	+437.66	-159.43	+30.15	+0.03
219		0	13 M3	-3.44	+0.45	-42.96	+104.95	+5.81	-0.43
219		355	13 M3	-3.44	+1.98	-63.59	+104.95	+5.81	-0.43
219		0	14 M4	-6.52	-0.54	+260.53	-164.43	+30.01	+0.11
219		355	14 M4	-6.52	-0.93	+154.00	-164.43	+30.01	+0.11
219		0	15 M5	-12.89	+0.72	+98.54	-5.23	-7.20	-0.93
219		355	15 M5	-12.89	+4.03	+124.09	-5.23	-7.20	-0.93
219		0	16 M6	-0.42	+0.03	-10.94	+26.80	+1.36	-0.05
219		355	16 M6	-0.42	+0.21	-15.75	+26.80	+1.36	-0.05
219		0	17 M7	+0.40	-0.08	+6.15	-14.13	-0.85	+0.06
219		355	17 M7	+0.40	-0.30	+9.18	-14.13	-0.85	+0.06
219	116	0	M+ A	+0.00	+2.44	+1301.76	+91.98	+165.57	+0.00
219	117	355	M+ A	+0.00	+19.72	+764.87	+91.98	+173.26	+0.00
219	116	0	M- A	-84.74	-0.42	-920.23	-576.66	+0.00	-4.87
219	117	355	M- A	-84.74	+0.00	-1308.70	-576.66	+0.00	-4.87
220	117	0	0 G	-46.75	-7.06	+439.00	+111.80	-56.22	-1.34
220	118	355	0 G	-46.75	-2.30	+628.32	+111.80	-50.44	-1.34
220		0	1 Q1	-18.30	-3.22	-864.03	+31.46	+75.40	-0.65
220		355	1 Q1	-18.30	-0.92	-1131.69	+31.46	+75.40	-0.65
220		0	11 M1	-9.19	-1.58	-536.00	+17.08	+33.49	-0.31
220		355	11 M1	-9.19	-0.46	-654.90	+17.08	+33.49	-0.31
220		0	12 M2	-3.26	-0.06	+757.96	+27.16	-51.49	+0.01
220		355	12 M2	-3.26	-0.11	+940.75	+27.16	-51.49	+0.01
220		0	13 M3	-8.75	-1.58	-153.40	+14.38	+52.96	-0.33
220		355	13 M3	-8.75	-0.41	-341.40	+14.38	+52.96	-0.33
220		0	14 M4	-2.70	+0.13	+407.22	+31.57	-48.65	+0.07
220		355	14 M4	-2.70	-0.11	+579.93	+31.57	-48.65	+0.07
220		0	15 M5	-21.52	-3.54	+180.22	+35.15	-17.00	-0.71
220		355	15 M5	-21.52	-1.02	+240.58	+35.15	-17.00	-0.71
220		0	16 M6	-1.29	-0.21	-35.29	+7.72	+11.34	-0.04
220		355	16 M6	-1.29	-0.05	-75.56	+7.72	+11.34	-0.04
220		0	17 M7	+1.11	+0.22	+22.62	-0.42	-7.98	+0.05
220		355	17 M7	+1.11	+0.06	+50.94	-0.42	-7.98	+0.05
220	117	0	M+ A	+0.00	+0.00	+1720.81	+243.90	+125.00	+0.00
220	118	355	M+ A	+0.00	+0.00	+2246.80	+243.90	+130.79	+0.00
220	117	0	M- A	-119.15	-19.05	-1531.44	+0.00	-152.01	-3.72
220	118	355	M- A	-119.15	-5.84	-1881.80	+0.00	-144.32	-3.72
221	117	0	0 G	-2.38	-15.48	+357.52	+398.45	-36.72	-0.67
221	199	379	0 G	-2.38	-12.94	+210.90	+399.94	-40.65	-0.67
221		0	1 Q1	-5.37	-9.37	-265.38	-119.60	+21.56	-0.34
221		379	1 Q1	-5.37	-8.09	-183.66	-119.60	+21.56	-0.34
221		0	11 M1	-1.75	-4.26	-148.00	-46.32	+10.36	-0.19
221		379	11 M1	-1.75	-3.55	-108.75	-46.32	+10.36	-0.19
221		0	12 M2	+2.66	+1.39	+320.30	+211.50	-31.51	+0.02
221		379	12 M2	+2.66	+1.30	+200.88	+211.50	-31.51	+0.02
221		0	13 M3	-3.71	-5.21	-89.81	-101.71	+12.23	-0.15
221		379	13 M3	-3.71	-4.62	-43.47	-101.71	+12.23	-0.15
221		0	14 M4	+3.19	+2.34	+253.22	+220.73	-29.37	+0.07
221		379	14 M4	+3.19	+2.08	+141.91	+220.73	-29.37	+0.07
221		0	15 M5	-5.40	-10.13	+56.13	+45.28	-6.08	-0.35
221		379	15 M5	-5.40	-8.78	+33.10	+45.28	-6.08	-0.35
221		0	16 M6	-0.67	-0.69	-19.54	-21.48	+2.62	-0.00
221		379	16 M6	-0.67	-0.68	-9.61	-21.48	+2.62	-0.00
221		0	17 M7	+0.48	+0.74	+13.44	+15.38	-1.84	+0.03
221		379	17 M7	+0.48	+0.63	+6.47	+15.38	-1.84	+0.03
221	117	0	M+ A	+2.42	+0.00	+955.94	+861.03	+10.73	+0.00
221	199	379	M+ A	+2.42	+0.00	+581.82	+863.01	+6.79	+0.00
221	117	0	M- A	-18.50	-48.43	-222.74	+0.00	-96.10	-1.88
221	199	379	M- A	-18.50	-41.31	-200.17	+0.00	-101.33	-1.88
222	118	0	0 G	-46.75	-2.30	+628.32	+111.98	-14.78	-0.52
222	119	355	0 G	-46.75	-0.44	+671.71	+111.98	-9.66	-0.52
222		0	1 Q1	-18.30	-0.92	-1131.69	+31.90	+75.41	-0.23
222		355	1 Q1	-18.30	-0.13	-1399.39	+31.90	+75.41	-0.23
222		0	11 M1	-9.19	-0.46	-654.90	+17.28	+33.52	-0.11
222		355	11 M1	-9.19	-0.07	-773.88	+17.28	+33.52	-0.11
222		0	12 M2	-3.26	-0.11	+940.75	+27.02	-44.00	-0.01
222		355	12 M2	-3.26	-0.07	+1096.94	+27.02	-44.00	-0.01
222		0	13 M3	-8.75	-0.41	-341.40	+14.66	+52.91	-0.10
222		355	13 M3	-8.75	-0.04	-529.25	+14.66	+52.91	-0.10
222		0	14 M4	-2.70	-0.11	+579.93	+31.44	-19.30	-0.01
222		355	14 M4	-2.70	-0.09	+648.45	+31.44	-19.30	-0.01
222		0	15 M5	-21.52	-1.02	+240.58	+35.34	+5.61	-0.25
222		355	15 M5	-21.52	-0.14	+220.66	+35.34	+5.61	-0.25
222		0	16 M6	-1.29	-0.05	-75.56	+7.81	+11.33	-0.01
222		355	16 M6	-1.29	-0.01	-115.78	+7.81	+11.33	-0.01
222		0	17 M7	+1.11	+0.06	+50.94	-0.45	-7.97	+0.02
222		355	17 M7	+1.11	+0.00	+79.24	-0.45	-7.97	+0.02
222	118	0	M+ A	+0.00	+0.00	+2246.80	+245.00	+166.39	+0.00
222	119	355	M+ A	+0.00	+0.00	+2538.78	+245.00	+171.51	+0.00
222	118	0	M- A	-119.15	-5.84	-1881.80	+0.00	-85.65	-1.37
222	119	355	M- A	-119.15	-0.97	-2378.28	+0.00	-78.85	-1.37

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
223	119	0	0	G	-46.75	-0.44	+671.71	+112.21	+25.68	-1.13
223	120	355	0	G	-46.75	+3.56	+571.45	+112.21	+30.80	-1.13
223		0	1	Q1	-18.30	-0.13	-1399.39	+32.35	+76.12	-0.41
223		355	1	Q1	-18.30	+1.34	-1669.63	+32.35	+76.12	-0.41
223		0	11	M1	-9.19	-0.07	-773.88	+17.50	+33.91	-0.20
223		355	11	M1	-9.19	+0.65	-894.27	+17.50	+33.91	-0.20
223		0	12	M2	-3.26	-0.07	+1096.94	+26.89	-22.04	-0.09
223		355	12	M2	-3.26	+0.27	+1175.17	+26.89	-22.04	-0.09
223		0	13	M3	-8.75	-0.04	-529.25	+14.94	+53.18	-0.18
223		355	13	M3	-8.75	+0.61	-718.04	+14.94	+53.18	-0.18
223		0	14	M4	-2.70	-0.09	+648.45	+31.33	-0.64	-0.12
223		355	14	M4	-2.70	+0.33	+650.74	+31.33	-0.64	-0.12
223		0	15	M5	-21.52	-0.14	+220.66	+35.55	+14.28	-0.50
223		355	15	M5	-21.52	+1.62	+169.95	+35.55	+14.28	-0.50
223		0	16	M6	-1.29	-0.01	-115.78	+7.91	+11.39	-0.01
223		355	16	M6	-1.29	+0.02	-156.22	+7.91	+11.39	-0.01
223		0	17	M7	+1.11	+0.00	+79.24	-0.48	-8.01	+0.03
223		355	17	M7	+1.11	-0.09	+107.68	-0.48	-8.01	+0.03
223	119	0	M+	A	+0.00	+0.00	+2538.78	+246.23	+216.70	+0.00
223	120	355	M+	A	+0.00	+8.99	+2522.79	+246.23	+223.50	+0.00
223	119	0	M-	A	-119.15	-0.97	-2378.28	+0.00	-7.37	-2.80
223	120	355	M-	A	-119.15	+0.00	-3023.94	+0.00	-2.26	-2.80
224	120	0	0	G	-46.75	+3.56	+571.45	+112.50	+66.49	-3.28
224	121	355	0	G	-46.75	+15.21	+325.16	+112.50	+72.27	-3.28
224		0	1	Q1	-18.30	+1.34	-1669.63	+32.81	+76.39	-1.24
224		355	1	Q1	-18.30	+5.76	-1940.81	+32.81	+76.39	-1.24
224		0	11	M1	-9.19	+0.65	-894.27	+17.72	+34.05	-0.61
224		355	11	M1	-9.19	+2.81	-1015.13	+17.72	+34.05	-0.61
224		0	12	M2	-3.26	+0.27	+1175.17	+26.78	+6.68	-0.25
224		355	12	M2	-3.26	+1.16	+1151.46	+26.78	+6.68	-0.25
224		0	13	M3	-8.75	+0.61	-718.04	+15.23	+53.32	-0.57
224		355	13	M3	-8.75	+2.63	-907.35	+15.23	+53.32	-0.57
224		0	14	M4	-2.70	+0.33	+650.74	+31.24	+24.02	-0.29
224		355	14	M4	-2.70	+1.36	+565.48	+31.24	+24.02	-0.29
224		0	15	M5	-21.52	+1.62	+169.95	+35.77	+34.70	-1.49
224		355	15	M5	-21.52	+6.90	+46.76	+35.77	+34.70	-1.49
224		0	16	M6	-1.29	+0.02	-156.22	+8.01	+11.42	-0.04
224		355	16	M6	-1.29	+0.18	-196.75	+8.01	+11.42	-0.04
224		0	17	M7	+1.11	-0.09	+107.68	-0.51	-8.03	+0.08
224		355	17	M7	+1.11	-0.37	+136.20	-0.51	-8.03	+0.08
224	120	0	M+	A	+0.00	+8.99	+2522.79	+247.58	+271.54	+0.00
224	121	355	M+	A	+0.00	+38.36	+2159.65	+247.58	+279.23	+0.00
224	120	0	M-	A	-119.15	+0.00	-3023.94	+0.00	+0.00	-8.27
224	121	355	M-	A	-119.15	+0.00	-3817.62	+0.00	+0.00	-8.27
225	121	0	0	G	-78.74	-21.50	-65.82	-292.91	-90.00	-5.00
225	122	355	0	G	-78.74	-3.76	+243.42	-292.91	-84.22	-5.00
225		0	1	Q1	-31.40	-8.46	-1813.13	-272.84	-61.04	-1.92
225		355	1	Q1	-31.40	-1.65	-1596.43	-272.84	-61.04	-1.92
225		0	11	M1	-15.09	-4.07	-935.78	-129.14	-31.05	-0.93
225		355	11	M1	-15.09	-0.78	-825.57	-129.14	-31.05	-0.93
225		0	12	M2	-5.06	-1.43	+931.30	+21.22	+14.45	-0.36
225		355	12	M2	-5.06	-0.14	+880.02	+21.22	+14.45	-0.36
225		0	13	M3	-14.68	-4.01	-875.15	-162.31	-28.73	-0.89
225		355	13	M3	-14.68	-0.86	-773.16	-162.31	-28.73	-0.89
225		0	14	M4	-4.98	-1.64	+434.92	-22.99	+18.04	-0.43
225		355	14	M4	-4.98	-0.12	+370.86	-22.99	+18.04	-0.43
225		0	15	M5	-35.70	-10.13	-163.61	-171.75	-44.99	-2.30
225		355	15	M5	-35.70	-1.97	-3.88	-171.75	-44.99	-2.30
225		0	16	M6	-3.01	-0.25	-192.19	-31.23	-6.87	-0.06
225		355	16	M6	-3.01	-0.04	-167.81	-31.23	-6.87	-0.06
225		0	17	M7	+1.64	+0.58	+133.79	+27.06	+4.84	+0.13
225		355	17	M7	+1.64	+0.14	+116.59	+27.06	+4.84	+0.13
225	121	0	M+	A	+0.00	+0.00	+1331.14	+0.00	+0.00	+0.00
225	122	355	M+	A	+0.00	+0.00	+1643.78	+0.00	+0.00	+0.00
225	121	0	M-	A	-200.67	-55.21	-3938.93	-1015.54	-269.60	-12.68
225	122	355	M-	A	-200.67	-10.19	-3150.12	-1015.54	-261.91	-12.68
226	121	0	0	G	+42.89	+23.04	+390.98	+449.73	+42.45	+3.08
226	200	379	0	G	+42.89	+11.38	+222.63	+451.22	+46.39	+3.08
226		0	1	Q1	+17.28	+8.68	-127.68	+334.87	+20.29	+1.18
226		379	1	Q1	+17.28	+4.21	-204.59	+334.87	+20.29	+1.18
226		0	11	M1	+7.95	+4.36	-79.35	+160.56	+8.84	+0.56
226		379	11	M1	+7.95	+2.24	-112.86	+160.56	+8.84	+0.56
226		0	12	M2	+2.60	+1.78	+220.16	+10.05	+11.17	+0.21
226		379	12	M2	+2.60	+0.97	+177.81	+10.05	+11.17	+0.21
226		0	13	M3	+7.90	+4.12	-32.20	+195.35	+13.94	+0.55
226		379	13	M3	+7.90	+2.05	-85.01	+195.35	+13.94	+0.55
226		0	14	M4	+3.19	+2.00	+130.56	+62.05	+11.03	+0.28
226		379	14	M4	+3.19	+0.94	+88.76	+62.05	+11.03	+0.28
226		0	15	M5	+19.29	+10.93	+210.37	+232.81	+28.43	+1.44
226		379	15	M5	+19.29	+5.47	+102.64	+232.81	+28.43	+1.44
226		0	16	M6	+1.76	-0.21	-4.56	+43.27	+3.21	+0.00
226		379	16	M6	+1.76	-0.21	-16.71	+43.27	+3.21	+0.00
226		0	17	M7	-0.83	-0.71	+2.41	-30.36	-2.30	-0.09
226		379	17	M7	-0.83	-0.38	+11.14	-30.36	-2.30	-0.09
226	121	0	M+	A	+109.31	+58.76	+850.24	+1399.44	+126.50	+7.85
226	200	379	M+	A	+109.31	+29.02	+562.82	+1401.41	+131.73	+7.85
226	121	0	M-	A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
226	200	379	M-	A	+0.00	+0.00	-222.85	+0.00	+0.00	+0.00
227	122	0	0	G	-78.74	-3.76	+243.42	-292.59	-48.12	-1.38
227	123	355	0	G	-78.74	+1.12	+403.98	-292.59	-42.34	-1.38
227		0	1	Q1	-31.40	-1.65	-1596.43	-272.40	-61.39	-0.54
227		355	1	Q1	-31.40	+0.26	-1378.49	-272.40	-61.39	-0.54
227		0	11	M1	-15.09	-0.78	-825.57	-128.93	-31.24	-0.26
227		355	11	M1	-15.09	+0.14	-714.68	-128.93	-31.24	-0.26
227		0	12	M2	-5.06	-0.14	+880.02	+21.13	+23.31	-0.10
227		355	12	M2	-5.06	+0.20	+797.26	+21.13	+23.31	-0.10
227		0	13	M3	-14.68	-0.86	-773.16	-162.04	-28.88	-0.25
227		355	13	M3	-14.68	+0.04	-670.64	-162.04	-28.88	-0.25
227		0	14	M4	-4.98	-0.12	+370.86	-23.06	+24.34	-0.10
227		355	14	M4	-4.98	+0.25	+284.45	-23.06	+24.34	-0.10
227		0	15	M5	-35.70	-1.97	-3.88	-171.54	-21.42	-0.64
227		355	15	M5	-35.70	+0.28	+72.17	-171.54	-21.42	-0.64
227		0	16	M6	-3.01	-0.04	-167.81	-31.13	-6.90	-0.03
227		355	16	M6	-3.01	+0.05	-143.30	-31.13	-6.90	-0.03
227		0	17	M7	+1.64	+0.14	+116.59	+27.03	+4.86	+0.03
227		355	17	M7	+1.64	+0.02	+99.33	+27.03	+4.86	+0.03
227	122	0	M+	A	+0.00	+0.00	+1643.78	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
227	123	355	M+ A	+0.00	+2.27	+1733.18	+0.00	+0.00	+0.00
227	122	0	M- A	-200.67	-10.19	-3150.12	-1014.19	-193.74	-3.51
227	123	355	M- A	-200.67	+0.00	-2529.00	-1014.19	-186.04	-3.51
228	123	0	0 G	-78.74	+1.12	+403.98	-292.30	-6.63	+0.02
228	124	355	0 G	-78.74	+1.05	+418.45	-292.30	-1.52	+0.02
228		0	1 Q1	-31.40	+0.26	-1378.49	-272.01	-61.32	+0.02
228		355	1 Q1	-31.40	+0.19	-1160.81	-272.01	-61.32	+0.02
228		0	11 M1	-15.09	+0.14	-714.68	-128.74	-31.20	+0.02
228		355	11 M1	-15.09	+0.08	-603.93	-128.74	-31.20	+0.02
228		0	12 M2	-5.06	+0.20	+797.26	+21.05	+45.46	+0.00
228		355	12 M2	-5.06	+0.18	+635.89	+21.05	+45.46	+0.00
228		0	13 M3	-14.68	+0.04	-670.64	-161.80	-28.84	+0.01
228		355	13 M3	-14.68	+0.01	-568.25	-161.80	-28.84	+0.01
228		0	14 M4	-4.98	+0.25	+284.45	-23.13	+23.26	-0.02
228		355	14 M4	-4.98	+0.32	+201.88	-23.13	+23.26	-0.02
228		0	15 M5	-35.70	+0.28	+72.17	-171.34	-13.77	-0.01
228		355	15 M5	-35.70	+0.33	+121.04	-171.34	-13.77	-0.01
228		0	16 M6	-3.01	+0.05	-143.30	-31.03	-6.90	+0.04
228		355	16 M6	-3.01	-0.10	-118.81	-31.03	-6.90	+0.04
228		0	17 M7	+1.64	+0.02	+99.33	+27.01	+4.85	+0.01
228		355	17 M7	+1.64	-0.03	+82.10	+27.01	+4.85	+0.01
228	123	0	M+ A	+0.00	+2.27	+1733.18	+0.00	+61.55	+0.12
228	124	355	M+ A	+0.00	+2.15	+1510.37	+0.00	+66.67	+0.12
228	123	0	M- A	-200.67	+0.00	-2529.00	-1012.98	-138.40	-0.01
228	124	355	M- A	-200.67	+0.00	-2054.54	-1012.98	-131.59	-0.01
229	124	0	0 G	-78.74	+1.05	+418.45	-292.04	+34.09	+0.51
229	125	355	0 G	-78.74	-0.76	+288.34	-292.04	+39.21	+0.51
229		0	1 Q1	-31.40	+0.19	-1160.81	-271.68	-60.91	+0.28
229		355	1 Q1	-31.40	-0.82	-944.57	-271.68	-60.91	+0.28
229		0	11 M1	-15.09	+0.08	-603.93	-128.58	-30.99	+0.16
229		355	11 M1	-15.09	-0.49	-493.92	-128.58	-30.99	+0.16
229		0	12 M2	-5.06	+0.18	+635.89	+20.99	+58.04	+0.02
229		355	12 M2	-5.06	+0.11	+429.84	+20.99	+58.04	+0.02
229		0	13 M3	-14.68	+0.01	-568.25	-161.60	-28.65	+0.15
229		355	13 M3	-14.68	-0.53	-466.55	-161.60	-28.65	+0.15
229		0	14 M4	-4.98	+0.32	+201.88	-23.20	+22.66	-0.09
229		355	14 M4	-4.98	+0.65	+121.43	-23.20	+22.66	-0.09
229		0	15 M5	-35.70	+0.33	+121.04	-171.18	+7.28	+0.17
229		355	15 M5	-35.70	-0.26	+95.18	-171.18	+7.28	+0.17
229		0	16 M6	-3.01	-0.10	-118.81	-30.94	-6.86	+0.19
229		355	16 M6	-3.01	-0.78	-94.46	-30.94	-6.86	+0.19
229		0	17 M7	+1.64	-0.03	+82.10	+27.00	+4.83	+0.04
229		355	17 M7	+1.64	-0.19	+64.97	+27.00	+4.83	+0.04
229	124	0	M+ A	+0.00	+2.15	+1510.37	+0.00	+132.41	+1.35
229	125	355	M+ A	+0.00	+0.22	+1028.24	+0.00	+139.21	+1.35
229	124	0	M- A	-200.67	+0.00	-2054.54	-1011.94	-94.62	+0.00
229	125	355	M- A	-200.67	-3.27	-1727.72	-1011.94	-89.51	+0.00
230	125	0	0 G	-78.74	-0.76	+288.34	-291.82	+74.77	+1.24
230	126	355	0 G	-78.74	-5.16	+13.83	-291.82	+79.88	+1.24
230		0	1 Q1	-31.40	-0.82	-944.57	-271.40	-60.90	+0.64
230		355	1 Q1	-31.40	-3.09	-728.37	-271.40	-60.90	+0.64
230		0	11 M1	-15.09	-0.49	-493.92	-128.44	-30.99	+0.34
230		355	11 M1	-15.09	-1.69	-383.91	-128.44	-30.99	+0.34
230		0	12 M2	-5.06	+0.11	+429.84	+20.93	+58.18	+0.05
230		355	12 M2	-5.06	-0.06	+223.29	+20.93	+58.18	+0.05
230		0	13 M3	-14.68	-0.53	-466.55	-161.42	-28.65	+0.34
230		355	13 M3	-14.68	-1.73	-364.83	-161.42	-28.65	+0.34
230		0	14 M4	-4.98	+0.65	+121.43	-23.26	+22.66	-0.14
230		355	14 M4	-4.98	+1.14	+40.99	-23.26	+22.66	-0.14
230		0	15 M5	-35.70	-0.26	+95.18	-171.04	+36.19	+0.47
230		355	15 M5	-35.70	-1.93	-33.30	-171.04	+36.19	+0.47
230		0	16 M6	-3.01	-0.78	-94.46	-30.85	-6.86	+0.33
230		355	16 M6	-3.01	-1.95	-70.11	-30.85	-6.86	+0.33
230		0	17 M7	+1.64	-0.19	+64.97	+26.99	+4.82	+0.06
230		355	17 M7	+1.64	-0.41	+47.84	+26.99	+4.82	+0.06
230	125	0	M+ A	+0.00	+0.22	+1028.24	+0.00	+186.71	+3.22
230	126	355	M+ A	+0.00	+0.00	+353.34	+0.00	+193.52	+3.22
230	125	0	M- A	-200.67	-3.27	-1727.72	-1011.07	-53.93	+0.00
230	126	355	M- A	-200.67	-13.95	-1545.33	-1011.07	-48.82	+0.00
231	126	0	0 G	-78.74	-5.16	+13.83	-291.64	+114.80	+1.46
231	127	355	0 G	-78.74	-10.36	-402.80	-291.64	+119.92	+1.46
231		0	1 Q1	-31.40	-3.09	-728.37	-271.17	-61.46	+0.46
231		355	1 Q1	-31.40	-4.72	-510.18	-271.17	-61.46	+0.46
231		0	11 M1	-15.09	-1.69	-383.91	-128.33	-31.23	+0.19
231		355	11 M1	-15.09	-2.37	-273.05	-128.33	-31.23	+0.19
231		0	12 M2	-5.06	-0.06	+223.29	+20.89	+57.29	+0.12
231		355	12 M2	-5.06	-0.50	+19.91	+20.89	+57.29	+0.12
231		0	13 M3	-14.68	-1.73	-364.83	-161.28	-28.89	+0.17
231		355	13 M3	-14.68	-2.33	-262.26	-161.28	-28.89	+0.17
231		0	14 M4	-4.98	+1.14	+40.99	-23.32	+22.61	+0.27
231		355	14 M4	-4.98	+0.17	-39.26	-23.32	+22.61	+0.27
231		0	15 M5	-35.70	-1.93	-33.30	-170.93	+58.78	+0.69
231		355	15 M5	-35.70	-4.38	-241.95	-170.93	+58.78	+0.69
231		0	16 M6	-3.01	-1.95	-70.11	-30.77	-6.91	-0.13
231		355	16 M6	-3.01	-1.48	-45.56	-30.77	-6.91	-0.13
231		0	17 M7	+1.64	-0.41	+47.84	+26.99	+4.85	-0.08
231		355	17 M7	+1.64	-0.12	+30.62	+26.99	+4.85	-0.08
231	126	0	M+ A	+0.00	+0.00	+353.34	+0.00	+240.85	+3.60
231	127	355	M+ A	+0.00	+0.00	+0.00	+0.00	+247.66	+3.60
231	126	0	M- A	-200.67	-13.95	-1545.33	-1010.37	-15.01	+0.00
231	127	355	M- A	-200.67	-26.72	-1634.05	-1010.37	-9.90	+0.00
232	127	0	0 G	-78.74	-10.36	-402.80	-291.49	+153.40	-3.58
232	128	355	0 G	-78.74	+2.37	-956.45	-291.49	+158.51	-3.58
232		0	1 Q1	-31.40	-4.72	-510.18	-271.00	-62.92	-2.80
232		355	1 Q1	-31.40	+5.22	-286.81	-271.00	-62.92	-2.80
232		0	11 M1	-15.09	-2.37	-273.05	-128.24	-31.81	-1.62
232		355	11 M1	-15.09	+3.36	-160.13	-128.24	-31.81	-1.62
232		0	12 M2	-5.06	-0.50	+19.91	+20.86	+57.02	+0.11
232		355	12 M2	-5.06	-0.90	-182.52	+20.86	+57.02	+0.11
232		0	13 M3	-14.68	-2.33	-262.26	-161.17	-29.46	-1.71
232		355	13 M3	-14.68	+3.74	-157.66	-161.17	-29.46	-1.71
232		0	14 M4	-4.98	+0.17	-39.26	-23.38	+22.40	+1.78
232		355	14 M4	-4.98	-6.14	-118.78	-23.38	+22.40	+1.78
232		0	15 M5	-35.70	-4.38	-241.95	-170.86	+65.61	-1.04
232		355	15 M5	-35.70	-0.70	-474.86	-170.86	+65.61	-1.04
232		0	16 M6	-3.01	-1.48	-45.56	-30.69	-7.02	-2.51

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
232		355	16 M6	-3.01	+7.44	-20.64	-30.69	-7.02	-2.51
232		0	17 M7	+1.64	-0.12	+30.62	+27.00	+4.92	-0.63
232		355	17 M7	+1.64	+2.13	+13.17	+27.00	+4.92	-0.63
232	127	0	M+ A	+0.00	+0.00	+0.00	+0.00	+302.43	+0.00
232	128	355	M+ A	+0.00	+21.36	+0.00	+0.00	+309.24	+0.00
232	127	0	M- A	-200.67	-26.72	-1634.05	-1009.82	+0.00	-12.32
232	128	355	M- A	-200.67	-6.84	-2371.57	-1009.82	+0.00	-12.32
233	128	0	0 G	-78.74	+2.37	-956.45	-291.38	+210.06	-22.61
233	129	355	0 G	-78.74	+82.62	-1712.94	-291.38	+216.13	-22.61
233		0	1 Q1	-31.40	+5.22	-286.81	-270.89	-53.84	-12.62
233		355	1 Q1	-31.40	+50.01	-95.67	-270.89	-53.84	-12.62
233		0	11 M1	-15.09	+3.36	-160.13	-128.18	-27.66	-6.71
233		355	11 M1	-15.09	+27.20	-61.93	-128.18	-27.66	-6.71
233		0	12 M2	-5.06	-0.90	-182.52	+20.85	+58.63	-0.53
233		355	12 M2	-5.06	+0.96	-390.66	+20.85	+58.63	-0.53
233		0	13 M3	-14.68	+3.74	-157.66	-161.10	-25.24	-6.91
233		355	13 M3	-14.68	+28.27	-68.06	-161.10	-25.24	-6.91
233		0	14 M4	-4.98	-6.14	-118.78	-23.43	+24.12	+3.80
233		355	14 M4	-4.98	-19.63	-204.40	-23.43	+24.12	+3.80
233		0	15 M5	-35.70	-0.70	-474.86	-170.81	+91.16	-8.60
233		355	15 M5	-35.70	+29.84	-798.48	-170.81	+91.16	-8.60
233		0	16 M6	-3.01	+7.44	-20.64	-30.62	-6.19	-7.19
233		355	16 M6	-3.01	+32.96	+1.36	-30.62	-6.19	-7.19
233		0	17 M7	+1.64	+2.13	+13.17	+27.01	+4.44	-1.42
233		355	17 M7	+1.64	+7.17	-2.58	+27.01	+4.44	-1.42
233	128	0	M+ A	+0.00	+21.36	+0.00	+0.00	+416.11	+0.00
233	129	355	M+ A	+0.00	+226.85	+0.00	+0.00	+424.19	+0.00
233	128	0	M- A	-200.67	-6.84	-2371.57	-1009.46	+0.00	-60.00
233	129	355	M- A	-200.67	+0.00	-3605.08	-1009.46	+0.00	-60.00
234	129	0	0 G	+63.13	+24.52	-1731.34	-265.26	-219.74	+10.08
234	130	357	0 G	+63.13	-11.47	-957.77	-265.26	-213.63	+10.08
234		0	1 Q1	+24.97	-7.20	-1208.83	-136.30	-187.62	+0.38
234		357	1 Q1	+24.97	-8.57	-539.04	-136.30	-187.62	+0.38
234		0	11 M1	+12.15	-7.21	-727.15	-48.71	-111.92	-0.65
234		357	11 M1	+12.15	-4.89	-327.58	-48.71	-111.92	-0.65
234		0	12 M2	+3.03	+5.57	+60.23	-26.54	+24.35	+1.49
234		357	12 M2	+3.03	+0.26	-26.71	-26.54	+24.35	+1.49
234		0	13 M3	+12.47	-8.44	-550.76	-97.54	-66.38	-0.92
234		357	13 M3	+12.47	-5.17	-313.79	-97.54	-66.38	-0.92
234		0	14 M4	+5.97	+26.68	-8.64	-63.78	+12.49	+6.02
234		357	14 M4	+5.97	+5.18	-53.22	-63.78	+12.49	+6.02
234		0	15 M5	+33.34	+18.29	-863.81	-159.73	-102.93	+6.09
234		357	15 M5	+33.34	-3.43	-496.35	-159.73	-102.93	+6.09
234		0	16 M6	-3.43	-28.59	-65.59	+2.99	-7.08	-5.92
234		357	16 M6	-3.43	-7.47	-40.33	+2.99	-7.08	-5.92
234		0	17 M7	-2.04	-9.28	+34.79	+30.65	+2.07	-2.06
234		357	17 M7	-2.04	-1.91	+27.42	+30.65	+2.07	-2.06
234	129	0	M+ A	+167.69	+72.63	+0.00	+0.00	+0.00	+23.05
234	130	357	M+ A	+167.69	+0.00	+0.00	+0.00	+0.00	+23.05
234	129	0	M- A	+0.00	-28.10	-5230.32	-776.39	-713.43	+0.00
234	130	357	M- A	+0.00	-38.03	-2746.05	-776.39	-705.30	+0.00
235	129	0	0 G	+0.00	+0.00	+4282.05	+0.00	+875.76	+0.00
235	186	487	0 G	+0.00	+0.00	+0.00	+0.00	+882.78	+0.00
235		0	1 Q1	+0.00	-0.00	+1716.24	+0.00	+352.41	-0.00
235		487	1 Q1	+0.00	+0.00	+0.00	+0.00	+352.41	-0.00
235		0	11 M1	+0.00	+0.00	+849.06	+0.00	+174.35	+0.00
235		487	11 M1	+0.00	-0.00	-0.00	+0.00	+174.35	+0.00
235		0	12 M2	+0.00	-0.00	+280.32	+0.00	+57.56	-0.00
235		487	12 M2	+0.00	+0.00	+0.00	+0.00	+57.56	-0.00
235		0	13 M3	+0.00	+0.00	+831.16	+0.00	+170.67	+0.00
235		487	13 M3	+0.00	-0.00	+0.00	+0.00	+170.67	+0.00
235		0	14 M4	+0.00	+0.00	+322.62	+0.00	+66.25	-0.00
235		487	14 M4	+0.00	+0.00	-0.00	+0.00	+66.25	-0.00
235		0	15 M5	+0.00	+0.00	+1878.41	+0.00	+385.71	+0.00
235		487	15 M5	+0.00	+0.00	+0.00	+0.00	+385.71	+0.00
235		0	16 M6	+0.00	-0.00	+156.26	+0.00	+32.09	-0.00
235		487	16 M6	+0.00	+0.00	-0.00	+0.00	+32.09	-0.00
235		0	17 M7	+0.00	+0.00	-94.89	+0.00	-19.48	+0.00
235		487	17 M7	+0.00	+0.00	+0.00	+0.00	-19.48	+0.00
235	129	0	M+ A	+0.00	+0.00	+10829.67	+0.00	+2219.09	+0.00
235	186	487	M+ A	+0.00	+0.00	+0.00	+0.00	+2228.42	+0.00
235	129	0	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
235	186	487	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
236	129	0	0 G	-0.75	-3138.55	+21.14	-507.57	+1.74	-214.27
236	260	753	0 G	-0.75	-1525.12	+8.03	-479.69	+1.74	-214.27
236		0	1 Q1	-2.53	-1248.40	+1136.44	-251.43	+109.96	-84.94
236		753	1 Q1	-2.53	-608.77	+308.46	-251.43	+109.96	-84.94
236		0	11 M1	-1.47	-583.43	+668.12	-117.07	+64.68	-39.60
236		753	11 M1	-1.47	-285.22	+181.07	-117.07	+64.68	-39.60
236		0	12 M2	+0.68	-195.34	-451.82	-31.67	-45.25	-13.28
236		753	12 M2	+0.68	-95.34	-111.11	-31.67	-45.25	-13.28
236		0	13 M3	-2.15	-574.86	+484.57	-154.75	+47.58	-39.04
236		753	13 M3	-2.15	-280.88	+126.29	-154.75	+47.58	-39.04
236		0	14 M4	+3.30	-219.53	-197.01	-64.87	-19.99	-14.86
236		753	14 M4	+3.30	-107.66	-46.49	-64.87	-19.99	-14.86
236		0	15 M5	+0.18	-1414.38	+65.25	-209.73	+6.36	-96.27
236		753	15 M5	+0.18	-689.44	+17.39	-209.73	+6.36	-96.27
236		0	16 M6	-3.28	-117.05	+68.84	-35.41	+6.93	-8.06
236		753	16 M6	-3.28	-56.35	+16.69	-35.41	+6.93	-8.06
236		0	17 M7	-1.45	+63.27	-36.73	+25.02	-3.69	+4.26
236		753	17 M7	-1.45	+31.16	-8.94	+25.02	-3.69	+4.26
236	129	0	M+ A	+4.20	+0.00	+2564.48	+0.00	+247.78	+0.00
236	260	753	M+ A	+4.20	+0.00	+698.71	+0.00	+247.78	+0.00
236	129	0	M- A	-9.33	-7981.19	-656.59	-1329.09	-66.13	-544.06
236	260	753	M- A	-9.33	-3884.40	-158.63	-1292.01	-66.13	-544.06
237	130	0	0 G	+63.13	-11.47	-957.77	-265.23	-162.15	-1.04
237	131	357	0 G	+63.13	-7.75	-388.07	-265.23	-157.01	-1.04
237		0	1 Q1	+24.97	-8.57	-539.04	-136.26	-156.43	-1.75
237		357	1 Q1	+24.97	-2.33	+19.41	-136.26	-156.43	-1.75
237		0	11 M1	+12.15	-4.89	-327.58	-48.67	-102.19	-1.12
237		357	11 M1	+12.15	-0.90	+37.26	-48.67	-102.19	-1.12
237		0	12 M2	+3.03	+0.26	-26.71	-26.55	+25.73	+0.26
237		357	12 M2	+3.03	-0.65	-118.55	-26.55	+25.73	+0.26
237		0	13 M3	+12.47	-5.17	-313.79	-97.52	-62.35	-1.21
237		357	13 M3	+12.47	-0.85	-91.19	-97.52	-62.35	-1.21
237		0	14 M4	+5.97	+5.18	-53.22	-63.84	+14.11	+1.90

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
237		357	14 M4	+5.97	-1.60	-103.59	-63.84	+14.11	+1.90
237		0	15 M5	+33.34	-3.43	-496.35	-159.74	-77.41	+0.11
237		357	15 M5	+33.34	-3.81	-219.99	-159.74	-77.41	+0.11
237		0	16 M6	-3.43	-7.47	-40.33	+3.07	-6.23	-2.37
237		357	16 M6	-3.43	+0.99	-18.10	+3.07	-6.23	-2.37
237		0	17 M7	-2.04	-1.91	+27.42	+30.67	+1.58	-0.67
237		357	17 M7	-2.04	+0.50	+21.79	+30.67	+1.58	-0.67
237	130	0	M+ A	+167.69	+0.00	+0.00	+0.00	+0.00	+1.81
237	131	357	M+ A	+167.69	+0.00	+0.00	+0.00	+0.00	+1.81
237	130	0	M- A	+0.00	-38.03	-2746.05	-776.32	-580.13	-7.30
237	131	357	M- A	+0.00	-19.16	-846.12	-776.32	-573.29	-7.30
238	131	0	0 G	+63.13	-7.75	-388.07	-265.23	-123.45	-1.72
238	132	357	0 G	+63.13	-1.59	+43.47	-265.23	-118.31	-1.72
238		0	1 Q1	+24.97	-2.33	+19.41	-136.23	-128.20	-0.77
238		357	1 Q1	+24.97	+0.43	+477.08	-136.23	-128.20	-0.77
238		0	11 M1	+12.15	-0.90	+37.26	-48.64	-80.38	-0.38
238		357	11 M1	+12.15	+0.45	+324.21	-48.64	-80.38	-0.38
238		0	12 M2	+3.03	-0.65	-118.55	-26.55	+25.52	-0.08
238		357	12 M2	+3.03	-0.35	-209.66	-26.55	+25.52	-0.08
238		0	13 M3	+12.47	-0.85	-91.19	-97.51	-63.86	-0.38
238		357	13 M3	+12.47	+0.52	+136.77	-97.51	-63.86	-0.38
238		0	14 M4	+5.97	-1.60	-103.59	-63.92	+13.88	+0.01
238		357	14 M4	+5.97	-1.64	-153.15	-63.92	+13.88	+0.01
238		0	15 M5	+33.34	-3.81	-219.99	-159.79	-70.39	-0.74
238		357	15 M5	+33.34	-1.16	+31.29	-159.79	-70.39	-0.74
238		0	16 M6	-3.43	+0.99	-18.10	+3.16	-6.33	-0.22
238		357	16 M6	-3.43	+1.76	+4.51	+3.16	-6.33	-0.22
238		0	17 M7	-2.04	+0.50	+21.79	+30.71	+1.64	-0.01
238		357	17 M7	-2.04	+0.55	+15.93	+30.71	+1.64	-0.01
238	131	0	M+ A	+167.69	+0.00	+0.00	+0.00	+0.00	+0.00
238	132	357	M+ A	+167.69	+1.63	+1188.20	+0.00	+0.00	+0.00
238	131	0	M- A	+0.00	-19.16	-846.12	-776.34	-457.83	-4.45
238	132	357	M- A	+0.00	-4.58	-271.02	-776.34	-450.99	-4.45
239	132	0	0 G	+63.13	-1.59	+43.47	-265.25	-83.27	-0.55
239	133	358	0 G	+63.13	+0.38	+332.36	-265.25	-78.12	-0.55
239		0	1 Q1	+24.97	+0.43	+477.08	-136.22	-99.71	-0.05
239		358	1 Q1	+24.97	+0.60	+834.03	-136.22	-99.71	-0.05
239		0	11 M1	+12.15	+0.45	+324.21	-48.61	-67.34	+0.02
239		358	11 M1	+12.15	+0.39	+565.29	-48.61	-67.34	+0.02
239		0	12 M2	+3.03	-0.35	-209.66	-26.56	+25.44	-0.07
239		358	12 M2	+3.03	-0.10	-300.72	-26.56	+25.44	-0.07
239		0	13 M3	+12.47	+0.52	+136.77	-97.51	-59.98	+0.03
239		358	13 M3	+12.47	+0.41	+351.50	-97.51	-59.98	+0.03
239		0	14 M4	+5.97	-1.64	-153.15	-64.01	+13.79	-0.29
239		358	14 M4	+5.97	-0.60	-202.52	-64.01	+13.79	-0.29
239		0	15 M5	+33.34	-1.16	+31.29	-159.86	-47.38	-0.34
239		358	15 M5	+33.34	+0.06	+200.90	-159.86	-47.38	-0.34
239		0	16 M6	-3.43	+1.76	+4.51	+3.26	-6.38	+0.29
239		358	16 M6	-3.43	+0.71	+27.36	+3.26	-6.38	+0.29
239		0	17 M7	-2.04	+0.55	+15.93	+30.76	+1.66	+0.10
239		358	17 M7	-2.04	+0.19	+9.97	+30.76	+1.66	+0.10
239	132	0	M+ A	+167.69	+1.63	+1188.20	+0.00	+0.00	+0.00
239	133	358	M+ A	+167.69	+2.37	+2415.92	+0.00	+0.00	+0.00
239	132	0	M- A	+0.00	-4.58	-271.02	-776.46	-346.37	-1.31
239	133	358	M- A	+0.00	-0.52	-118.72	-776.46	-339.51	-1.31
240	133	0	0 G	+63.13	+0.38	+332.36	-265.29	-42.45	-0.01
240	134	357	0 G	+63.13	+0.41	+474.74	-265.29	-37.31	-0.01
240		0	1 Q1	+24.97	+0.60	+834.03	-136.22	-71.31	+0.10
240		357	1 Q1	+24.97	+0.24	+1088.61	-136.22	-71.31	+0.10
240		0	11 M1	+12.15	+0.39	+565.29	-48.59	-53.99	+0.07
240		357	11 M1	+12.15	+0.14	+758.04	-48.59	-53.99	+0.07
240		0	12 M2	+3.03	-0.10	-300.72	-26.56	+25.44	-0.02
240		357	12 M2	+3.03	-0.03	-391.55	-26.56	+25.44	-0.02
240		0	13 M3	+12.47	+0.41	+351.50	-97.52	-38.41	+0.07
240		357	13 M3	+12.47	+0.15	+488.64	-97.52	-38.41	+0.07
240		0	14 M4	+5.97	-0.60	-202.52	-64.11	+13.79	-0.16
240		357	14 M4	+5.97	-0.02	-251.76	-64.11	+13.79	-0.16
240		0	15 M5	+33.34	+0.06	+200.90	-159.95	-18.34	-0.08
240		357	15 M5	+33.34	+0.36	+266.38	-159.95	-18.34	-0.08
240		0	16 M6	-3.43	+0.71	+27.36	+3.37	-6.38	+0.22
240		357	16 M6	-3.43	-0.06	+50.14	+3.37	-6.38	+0.22
240		0	17 M7	-2.04	+0.19	+9.97	+30.81	+1.67	+0.06
240		357	17 M7	-2.04	-0.02	+4.02	+30.81	+1.67	+0.06
240	133	0	M+ A	+167.69	+2.37	+2415.92	+0.00	+0.00	+0.45
240	134	357	M+ A	+167.69	+1.41	+3238.07	+0.00	+0.85	+0.45
240	133	0	M- A	+0.00	-0.52	-118.72	-776.67	-233.71	-0.26
240	134	357	M- A	+0.00	+0.00	-112.59	-776.67	-226.87	-0.26
241	134	0	0 G	+63.13	+0.41	+474.74	-265.36	-1.64	+0.16
241	135	357	0 G	+63.13	-0.15	+471.40	-265.36	+3.50	+0.16
241		0	1 Q1	+24.97	+0.24	+1088.61	-136.24	-43.19	+0.09
241		357	1 Q1	+24.97	-0.09	+1242.81	-136.24	-43.19	+0.09
241		0	11 M1	+12.15	+0.14	+758.04	-48.56	-26.03	+0.05
241		357	11 M1	+12.15	-0.04	+850.96	-48.56	-26.03	+0.05
241		0	12 M2	+3.03	-0.03	-391.55	-26.57	+25.58	+0.01
241		357	12 M2	+3.03	-0.06	-482.87	-26.57	+25.58	+0.01
241		0	13 M3	+12.47	+0.15	+488.64	-97.56	-24.01	+0.05
241		357	13 M3	+12.47	-0.03	+574.36	-97.56	-24.01	+0.05
241		0	14 M4	+5.97	-0.02	-251.76	-64.22	+13.88	-0.04
241		357	14 M4	+5.97	+0.11	-301.30	-64.22	+13.88	-0.04
241		0	15 M5	+33.34	+0.36	+266.38	-160.08	+2.24	+0.04
241		357	15 M5	+33.34	+0.22	+258.37	-160.08	+2.24	+0.04
241		0	16 M6	-3.43	-0.06	+50.14	+3.49	-6.36	+0.07
241		357	16 M6	-3.43	-0.33	+72.86	+3.49	-6.36	+0.07
241		0	17 M7	-2.04	-0.02	+4.02	+30.88	+1.67	+0.01
241		357	17 M7	-2.04	-0.07	-1.93	+30.88	+1.67	+0.01
241	134	0	M+ A	+167.69	+1.41	+3238.07	+0.00	+36.73	+0.44
241	135	357	M+ A	+167.69	+0.18	+3581.20	+0.00	+43.03	+0.44
241	134	0	M- A	+0.00	+0.00	-112.59	-776.97	-99.53	+0.00
241	135	357	M- A	+0.00	-0.81	-252.90	-776.97	-93.85	+0.00
242	135	0	0 G	+63.13	-0.15	+471.40	-265.45	+39.28	+1.03
242	136	357	0 G	+63.13	-3.84	+320.78	-265.45	+45.10	+1.03
242		0	1 Q1	+24.97	-0.09	+1242.81	-136.28	-14.78	+0.43
242		357	1 Q1	+24.97	-1.61	+1295.58	-136.28	-14.78	+0.43
242		0	11 M1	+12.15	-0.04	+850.96	-48.54	+1.60	+0.22
242		357	11 M1	+12.15	-0.82	+845.24	-48.54	+1.60	+0.22
242		0	12 M2	+3.03	-0.06	-482.87	-26.57	+25.61	+0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
242		357	12 M2	+3.03	-0.19	-574.31	-26.57	+25.61	+0.04
242		0	13 M3	+12.47	-0.03	+574.36	-97.60	-11.90	+0.23
242		357	13 M3	+12.47	-0.84	+616.85	-97.60	-11.90	+0.23
242		0	14 M4	+5.97	+0.11	-301.30	-64.34	+13.89	+0.10
242		357	14 M4	+5.97	-0.24	-350.91	-64.34	+13.89	+0.10
242		0	15 M5	+33.34	+0.22	+258.37	-160.23	+10.13	+0.60
242		357	15 M5	+33.34	-1.91	+222.22	-160.23	+10.13	+0.60
242		0	16 M6	-3.43	-0.33	+72.86	+3.62	-6.43	-0.09
242		357	16 M6	-3.43	+0.01	+95.82	+3.62	-6.43	-0.09
242		0	17 M7	-2.04	-0.07	-1.93	+30.95	+1.67	-0.04
242		357	17 M7	-2.04	+0.07	-7.89	+30.95	+1.67	-0.04
242	135	0	M+ A	+167.69	+0.18	+3581.20	+0.00	+90.67	+2.85
242	136	357	M+ A	+167.69	+0.00	+3443.53	+0.00	+98.40	+2.85
242	135	0	M- A	+0.00	-0.81	-252.90	-777.36	+0.00	+0.00
242	136	357	M- A	+0.00	-10.14	-540.69	-777.36	+0.00	+0.00
243	136	0	0 G	+63.13	-3.84	+320.78	-265.55	+81.31	+3.68
243	137	357	0 G	+63.13	-16.99	+20.14	-265.55	+87.12	+3.68
243		0	1 Q1	+24.97	-1.61	+1295.58	-136.32	+13.94	+1.53
243		357	1 Q1	+24.97	-7.06	+1245.83	-136.32	+13.94	+1.53
243		0	11 M1	+12.15	-0.82	+845.24	-48.52	+13.40	+0.79
243		357	11 M1	+12.15	-3.64	+797.41	-48.52	+13.40	+0.79
243		0	12 M2	+3.03	-0.19	-574.31	-26.57	+25.45	+0.13
243		357	12 M2	+3.03	-0.65	-665.19	-26.57	+25.45	+0.13
243		0	13 M3	+12.47	-0.84	+616.85	-97.66	+16.49	+0.82
243		357	13 M3	+12.47	-3.76	+558.00	-97.66	+16.49	+0.82
243		0	14 M4	+5.97	-0.24	-350.91	-64.48	+13.83	+0.35
243		357	14 M4	+5.97	-1.50	-400.26	-64.48	+13.83	+0.35
243		0	15 M5	+33.34	-1.91	+222.22	-160.40	+33.28	+2.18
243		357	15 M5	+33.34	-9.68	+103.41	-160.40	+33.28	+2.18
243		0	16 M6	-3.43	+0.01	+95.82	+3.76	-7.09	-0.37
243		357	16 M6	-3.43	+1.34	+121.12	+3.76	-7.09	-0.37
243		0	17 M7	-2.04	+0.07	-7.89	+31.03	+1.65	-0.14
243		357	17 M7	-2.04	+0.58	-13.79	+31.03	+1.65	-0.14
243	136	0	M+ A	+167.69	+0.00	+3443.53	+0.00	+176.87	+10.23
243	137	357	M+ A	+167.69	+0.00	+2904.77	+0.00	+184.60	+10.23
243	136	0	M- A	+0.00	-10.14	-540.69	-777.82	+0.00	+0.00
243	137	357	M- A	+0.00	-46.65	-977.64	-777.82	+0.00	+0.00
244	137	0	0 G	+19.91	+10.00	+447.90	+138.01	-74.03	+2.23
244	138	357	0 G	+19.91	+2.04	+701.79	+138.01	-68.21	+2.23
244		0	1 Q1	+7.83	+4.15	+1802.55	+59.64	-78.23	+0.92
244		357	1 Q1	+7.83	+0.86	+2081.82	+59.64	-78.23	+0.92
244		0	11 M1	+4.61	+2.19	+1119.62	+33.90	-27.48	+0.48
244		357	11 M1	+4.61	+0.47	+1217.74	+33.90	-27.48	+0.48
244		0	12 M2	-0.49	+0.26	-759.53	+24.09	+6.58	+0.06
244		357	12 M2	-0.49	+0.03	-783.03	+24.09	+6.58	+0.06
244		0	13 M3	+5.42	+2.29	+847.30	+32.45	-29.88	+0.51
244		357	13 M3	+5.42	+0.48	+953.99	+32.45	-29.88	+0.51
244		0	14 M4	+3.83	+1.10	-414.84	+9.67	-20.13	+0.24
244		357	14 M4	+3.83	+0.24	-342.97	+9.67	-20.13	+0.24
244		0	15 M5	+17.78	+6.38	+372.39	+40.90	-47.68	+1.39
244		357	15 M5	+17.78	+1.40	+542.60	+40.90	-47.68	+1.39
244		0	16 M6	-9.41	-1.52	+172.76	+36.05	-24.88	-0.32
244		357	16 M6	-9.41	-0.40	+261.58	+36.05	-24.88	-0.32
244		0	17 M7	-1.70	-0.47	-38.86	+7.10	+14.15	-0.10
244		357	17 M7	-1.70	-0.12	-89.37	+7.10	+14.15	-0.10
244	137	0	M+ A	+63.73	+28.48	+4708.57	+325.41	+0.00	+6.30
244	138	357	M+ A	+63.73	+5.98	+5570.45	+325.41	+0.00	+6.30
244	137	0	M- A	+0.00	+0.00	-691.40	+0.00	-275.58	+0.00
244	138	357	M- A	+0.00	+0.00	-472.75	+0.00	-267.84	+0.00
245	137	0	0 G	-49.82	+10.69	+427.76	+446.78	-48.58	+2.62
245	193	379	0 G	-49.82	+0.74	+235.60	+448.21	-52.55	+2.62
245		0	1 Q1	-19.93	+4.72	+556.72	+225.31	-46.73	+1.10
245		379	1 Q1	-19.93	+0.54	+379.15	+225.31	-46.73	+1.10
245		0	11 M1	-9.08	+2.92	+322.22	+96.27	-23.96	+0.56
245		379	11 M1	-9.08	+0.79	+231.17	+96.27	-23.96	+0.56
245		0	12 M2	-3.62	-0.35	-94.35	+54.00	-0.37	+0.11
245		379	12 M2	-3.62	-0.77	-95.74	+54.00	-0.37	+0.11
245		0	13 M3	-8.69	+3.29	+289.30	+148.18	-27.03	+0.56
245		379	13 M3	-8.69	+1.15	+186.59	+148.18	-27.03	+0.56
245		0	14 M4	-2.89	+1.71	-14.58	+81.40	-6.67	+0.19
245		379	14 M4	-2.89	+0.98	-39.92	+81.40	-6.67	+0.19
245		0	15 M5	-20.09	+9.82	+268.98	+226.19	-33.07	+1.41
245		379	15 M5	-20.09	+4.47	+143.31	+226.19	-33.07	+1.41
245		0	16 M6	-4.65	-4.72	+51.63	+36.20	-5.60	-0.09
245		379	16 M6	-4.65	-4.38	+30.35	+36.20	-5.60	-0.09
245		0	17 M7	+0.67	-0.87	-25.07	-26.86	+3.64	-0.07
245		379	17 M7	+0.67	-0.59	-11.26	-26.86	+3.64	-0.07
245	137	0	M+ A	+0.00	+35.32	+1803.81	+1237.66	+0.00	+7.08
245	193	379	M+ A	+0.00	+8.43	+1171.95	+1239.57	+0.00	+7.08
245	137	0	M- A	-123.30	+0.00	-0.00	+0.00	-177.31	+0.00
245	193	379	M- A	-123.30	-5.83	-0.00	+0.00	-182.58	+0.00
246	138	0	0 G	+19.91	+2.04	+701.79	+137.96	-32.43	+0.72
246	139	357	0 G	+19.91	-0.54	+808.38	+137.96	-27.29	+0.72
246		0	1 Q1	+7.83	+0.86	+2081.82	+59.62	-45.43	+0.30
246		357	1 Q1	+7.83	-0.21	+2244.01	+59.62	-45.43	+0.30
246		0	11 M1	+4.61	+0.47	+1217.74	+33.94	-1.39	+0.15
246		357	11 M1	+4.61	-0.09	+1222.70	+33.94	-1.39	+0.15
246		0	12 M2	-0.49	+0.03	-783.03	+24.10	+6.62	+0.02
246		357	12 M2	-0.49	-0.06	-806.65	+24.10	+6.62	+0.02
246		0	13 M3	+5.42	+0.48	+953.99	+32.40	-17.88	+0.16
246		357	13 M3	+5.42	-0.10	+1017.83	+32.40	-17.88	+0.16
246		0	14 M4	+3.83	+0.24	-342.97	+9.53	-20.08	+0.07
246		357	14 M4	+3.83	-0.01	-271.28	+9.53	-20.08	+0.07
246		0	15 M5	+17.78	+1.40	+542.60	+40.73	-18.35	+0.43
246		357	15 M5	+17.78	-0.15	+608.09	+40.73	-18.35	+0.43
246		0	16 M6	-9.41	-0.40	+261.58	+36.22	-14.45	-0.08
246		357	16 M6	-9.41	-0.11	+313.16	+36.22	-14.45	-0.08
246		0	17 M7	-1.70	-0.12	-89.37	+7.19	+14.13	-0.03
246		357	17 M7	-1.70	-0.03	-139.82	+7.19	+14.13	-0.03
246	138	0	M+ A	+63.73	+5.98	+5570.45	+325.07	+0.00	+2.02
246	139	357	M+ A	+63.73	+0.00	+5938.60	+325.07	+0.00	+2.02
246	138	0	M- A	+0.00	+0.00	-472.75	+0.00	-134.58	+0.00
246	139	357	M- A	+0.00	-1.22	-401.60	+0.00	-127.74	+0.00
247	139	0	0 G	+19.91	-0.54	+808.38	+137.99	+8.28	-0.05
247	140	358	0 G	+19.91	-0.37	+769.50	+137.99	+13.44	-0.05
247		0	1 Q1	+7.83	-0.21	+2244.01	+59.62	+3.74	-0.02

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
247		358	1	Q1	+7.83	-0.13	+2230.62	+59.62	+3.74	-0.02
247		0	11	M1	+4.61	-0.09	+1222.70	+34.00	+26.97	-0.01
247		358	11	M1	+4.61	-0.05	+1126.15	+34.00	+26.97	-0.01
247		0	12	M2	-0.49	-0.06	-806.65	+24.13	+6.83	-0.01
247		358	12	M2	-0.49	-0.03	-831.10	+24.13	+6.83	-0.01
247		0	13	M3	+5.42	-0.10	+1017.83	+32.36	-10.04	-0.01
247		358	13	M3	+5.42	-0.08	+1053.79	+32.36	-10.04	-0.01
247		0	14	M4	+3.83	-0.01	-271.28	+9.39	-19.99	+0.00
247		358	14	M4	+3.83	-0.02	-199.73	+9.39	-19.99	+0.00
247		0	15	M5	+17.78	-0.15	+608.09	+40.58	+0.23	+0.00
247		358	15	M5	+17.78	-0.16	+607.27	+40.58	+0.23	+0.00
247		0	16	M6	-9.41	-0.11	+313.16	+36.41	+8.59	-0.03
247		358	16	M6	-9.41	-0.01	+282.42	+36.41	+8.59	-0.03
247		0	17	M7	-1.70	-0.03	-139.82	+7.29	+14.16	-0.00
247		358	17	M7	-1.70	-0.02	-190.50	+7.29	+14.16	-0.00
247	139	0	M+	A	+63.73	+0.00	+5938.60	+324.89	+56.52	+0.00
247	140	358	M+	A	+63.73	+0.00	+5723.99	+324.89	+63.38	+0.00
247	139	0	M-	A	+0.00	-1.22	-401.60	+0.00	-21.70	-0.13
247	140	358	M-	A	+0.00	-0.92	-477.15	+0.00	-16.54	-0.13
248	140	0	0	G	+19.91	-0.37	+769.50	+138.09	+49.03	-0.31
248	141	357	0	G	+19.91	+0.75	+585.29	+138.09	+54.17	-0.31
248		0	1	Q1	+7.83	-0.13	+2230.62	+59.66	+52.87	-0.13
248		357	1	Q1	+7.83	+0.34	+2041.85	+59.66	+52.87	-0.13
248		0	11	M1	+4.61	-0.05	+1126.15	+34.08	+51.54	-0.04
248		357	11	M1	+4.61	+0.09	+942.15	+34.08	+51.54	-0.04
248		0	12	M2	-0.49	-0.03	-831.10	+24.17	+7.07	-0.07
248		357	12	M2	-0.49	+0.24	-856.33	+24.17	+7.07	-0.07
248		0	13	M3	+5.42	-0.08	+1053.79	+32.35	+8.85	-0.02
248		357	13	M3	+5.42	-0.00	+1022.19	+32.35	+8.85	-0.02
248		0	14	M4	+3.83	-0.02	-199.73	+9.26	-19.95	+0.04
248		357	14	M4	+3.83	-0.16	-128.50	+9.26	-19.95	+0.04
248		0	15	M5	+17.78	-0.16	+607.27	+40.45	+25.80	+0.11
248		357	15	M5	+17.78	-0.54	+515.17	+40.45	+25.80	+0.11
248		0	16	M6	-9.41	-0.01	+282.42	+36.62	+17.81	-0.29
248		357	16	M6	-9.41	+1.04	+218.83	+36.62	+17.81	-0.29
248		0	17	M7	-1.70	-0.02	-190.50	+7.39	+14.22	-0.03
248		357	17	M7	-1.70	+0.10	-241.28	+7.39	+14.22	-0.03
248	140	0	M+	A	+63.73	+0.00	+5723.99	+324.87	+213.90	+0.00
248	141	357	M+	A	+63.73	+3.01	+5068.22	+324.87	+220.74	+0.00
248	140	0	M-	A	+0.00	-0.92	-477.15	+0.00	+0.00	-1.04
248	141	357	M-	A	+0.00	-0.07	-699.20	+0.00	+0.00	-1.04
249	141	0	0	G	+19.91	+0.75	+585.29	+138.26	+89.99	-0.41
249	142	357	0	G	+19.91	+2.20	+253.64	+138.26	+95.81	-0.41
249		0	1	Q1	+7.83	+0.34	+2041.85	+59.73	+85.59	-0.18
249		357	1	Q1	+7.83	+0.97	+1736.31	+59.73	+85.59	-0.18
249		0	11	M1	+4.61	+0.09	+942.15	+34.17	+70.69	-0.02
249		357	11	M1	+4.61	+0.15	+689.77	+34.17	+70.69	-0.02
249		0	12	M2	-0.49	+0.24	-856.33	+24.22	+7.13	-0.18
249		357	12	M2	-0.49	+0.88	-881.79	+24.22	+7.13	-0.18
249		0	13	M3	+5.42	-0.00	+1022.19	+32.35	+45.50	+0.04
249		357	13	M3	+5.42	-0.14	+859.74	+32.35	+45.50	+0.04
249		0	14	M4	+3.83	-0.16	-128.50	+9.13	-19.98	+0.15
249		357	14	M4	+3.83	-0.70	-57.17	+9.13	-19.98	+0.15
249		0	15	M5	+17.78	-0.54	+515.17	+40.35	+50.78	+0.53
249		357	15	M5	+17.78	-2.44	+333.90	+40.35	+50.78	+0.53
249		0	16	M6	-9.41	+1.04	+218.83	+36.85	+37.31	-0.82
249		357	16	M6	-9.41	+3.96	+85.62	+36.85	+37.31	-0.82
249		0	17	M7	-1.70	+0.10	-241.28	+7.50	+14.26	-0.11
249		357	17	M7	-1.70	+0.49	-292.20	+7.50	+14.26	-0.11
249	141	0	M+	A	+63.73	+3.01	+5068.22	+325.03	+341.27	+0.39
249	142	357	M+	A	+63.73	+10.19	+3970.97	+325.03	+349.01	+0.39
249	141	0	M-	A	+0.00	-0.07	-699.20	+0.00	+0.00	-2.01
249	142	357	M-	A	+0.00	-1.46	-1069.04	+0.00	+0.00	-2.01
250	142	0	0	G	-35.10	-2.67	-190.19	-326.00	-94.53	-1.03
250	143	357	0	G	-35.10	+0.99	+136.90	-326.00	-88.72	-1.03
250		0	1	Q1	-14.05	-1.10	+1174.25	-156.76	-16.47	-0.42
250		357	1	Q1	-14.05	+0.39	+1233.03	-156.76	-16.47	-0.42
250		0	11	M1	-4.69	-0.10	+451.89	-123.20	+14.80	-0.09
250		357	11	M1	-4.69	+0.23	+399.06	-123.20	+14.80	-0.09
250		0	12	M2	-6.80	-1.09	-779.46	-58.58	-26.21	-0.31
250		357	12	M2	-6.80	+0.01	-685.90	-58.58	-26.21	-0.31
250		0	13	M3	-2.44	+0.15	+620.72	-65.97	+4.13	-0.02
250		357	13	M3	-2.44	+0.21	+605.99	-65.97	+4.13	-0.02
250		0	14	M4	+3.67	+0.82	-21.53	+42.79	-2.40	+0.20
250		357	14	M4	+3.67	+0.11	-12.96	+42.79	-2.40	+0.20
250		0	15	M5	+6.77	+3.02	+221.97	-37.13	+14.13	+0.65
250		357	15	M5	+6.77	+0.69	+171.54	-37.13	+14.13	+0.65
250		0	16	M6	-26.18	-4.80	-145.81	-176.08	-44.90	-1.27
250		357	16	M6	-26.18	-0.26	+14.49	-176.08	-44.90	-1.27
250		0	17	M7	-3.07	-0.69	-283.08	-45.37	-10.01	-0.17
250		357	17	M7	-3.07	-0.07	-247.36	-45.37	-10.01	-0.17
250	142	0	M+	A	+0.00	+1.86	+2326.12	+0.00	+0.00	+0.00
250	143	357	M+	A	+0.00	+2.88	+2755.65	+0.00	+0.00	+0.00
250	142	0	M-	A	-104.92	-12.25	-1422.15	-909.32	-215.30	-3.84
250	143	357	M-	A	-104.92	+0.00	-891.96	-909.32	-207.57	-3.84
251	142	0	0	G	+53.40	-14.11	+443.83	+513.91	+55.42	+1.28
251	194	379	0	G	+53.40	-18.99	+225.70	+515.34	+59.39	+1.28
251		0	1	Q1	+21.28	-5.48	+562.07	+248.01	+49.04	+0.51
251		379	1	Q1	+21.28	-7.44	+375.72	+248.01	+49.04	+0.51
251		0	11	M1	+8.83	-2.93	+237.88	+177.26	+27.16	+0.17
251		379	11	M1	+8.83	-3.59	+134.67	+177.26	+27.16	+0.17
251		0	12	M2	+6.61	-0.30	-102.32	+89.20	+3.04	+0.25
251		379	12	M2	+6.61	-1.24	-113.88	+89.20	+3.04	+0.25
251		0	13	M3	+7.30	-2.95	+239.02	+112.27	+21.35	+0.13
251		379	13	M3	+7.30	-3.44	+157.90	+112.27	+21.35	+0.13
251		0	14	M4	-0.37	-1.49	-35.64	-37.76	-5.13	-0.08
251		379	14	M4	-0.37	-1.17	-16.16	-37.76	-5.13	-0.08
251		0	15	M5	+8.50	-8.88	+111.93	+87.00	+13.03	-0.18
251		379	15	M5	+8.50	-8.20	+62.41	+87.00	+13.03	-0.18
251		0	16	M6	+18.76	+2.54	+231.43	+238.39	+32.42	+0.87
251		379	16	M6	+18.76	-0.77	+108.22	+238.39	+32.42	+0.87
251		0	17	M7	+1.68	+0.65	-9.11	+58.06	+4.81	+0.11
251		379	17	M7	+1.68	+0.24	-27.40	+58.06	+4.81	+0.11
251	142	0	M+	A	+127.88	+0.00	+1707.61	+1375.89	+188.54	+3.71
251	194	379	M+	A	+127.88	+0.00	+1044.25	+1377.79	+193.82	+3.71
251	142	0	M-	A	+0.00	-39.49	+0.00	+0.00	+0.00	+0.00
251	194	379	M-	A	+0.00	-47.61	+0.00	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
252	143	0	0 G	-35.10	+0.99	+136.90	-325.79	-52.47	-0.20
252	144	357	0 G	-35.10	+1.71	+313.83	-325.79	-46.65	-0.20
252		0	1 Q1	-14.05	+0.39	+1233.03	-156.68	+12.27	-0.08
252		357	1 Q1	-14.05	+0.68	+1189.21	-156.68	+12.27	-0.08
252		0	11 M1	-4.69	+0.23	+399.06	-123.11	+29.99	-0.01
252		357	11 M1	-4.69	+0.27	+291.98	-123.11	+29.99	-0.01
252		0	12 M2	-6.80	+0.01	-685.90	-58.53	-26.38	-0.07
252		357	12 M2	-6.80	+0.27	-591.72	-58.53	-26.38	-0.07
252		0	13 M3	-2.44	+0.21	+605.99	-65.96	+19.18	+0.01
252		357	13 M3	-2.44	+0.19	+537.51	-65.96	+19.18	+0.01
252		0	14 M4	+3.67	+0.11	-12.96	+42.68	-2.43	+0.05
252		357	14 M4	+3.67	-0.08	-4.29	+42.68	-2.43	+0.05
252		0	15 M5	+6.77	+0.69	+171.54	-37.21	+13.13	+0.19
252		357	15 M5	+6.77	+0.02	+124.67	-37.21	+13.13	+0.19
252		0	16 M6	-26.18	-0.26	+14.49	-175.87	-20.55	-0.31
252		357	16 M6	-26.18	+0.85	+87.87	-175.87	-20.55	-0.31
252		0	17 M7	-3.07	-0.07	-247.36	-45.26	-10.05	-0.05
252		357	17 M7	-3.07	+0.10	-211.50	-45.26	-10.05	-0.05
252	143	0	M+ A	+0.00	+2.88	+2755.65	+0.00	+9.09	+0.08
252	144	357	M+ A	+0.00	+4.46	+2829.09	+0.00	+14.91	+0.08
252	143	0	M- A	-104.92	+0.00	-891.96	-908.62	-109.35	-0.84
252	144	357	M- A	-104.92	+0.00	-573.75	-908.62	-101.62	-0.84
253	144	0	0 G	-35.10	+1.71	+313.83	-325.62	-10.82	+0.11
253	145	357	0 G	-35.10	+1.32	+343.27	-325.62	-5.68	+0.11
253		0	1 Q1	-14.05	+0.68	+1189.21	-156.62	+40.70	+0.02
253		357	1 Q1	-14.05	+0.61	+1043.89	-156.62	+40.70	+0.02
253		0	11 M1	-4.69	+0.27	+291.98	-123.04	+30.17	-0.00
253		357	11 M1	-4.69	+0.28	+184.27	-123.04	+30.17	-0.00
253		0	12 M2	-6.80	+0.27	-591.72	-58.48	-26.34	+0.03
253		357	12 M2	-6.80	+0.17	-497.68	-58.48	-26.34	+0.03
253		0	13 M3	-2.44	+0.19	+537.51	-65.95	+40.23	-0.01
253		357	13 M3	-2.44	+0.21	+393.87	-65.95	+40.23	-0.01
253		0	14 M4	+3.67	-0.08	-4.29	+42.58	-2.42	-0.02
253		357	14 M4	+3.67	+0.00	+4.37	+42.58	-2.42	-0.02
253		0	15 M5	+6.77	+0.02	+124.67	-37.29	+12.67	-0.04
253		357	15 M5	+6.77	+0.16	+79.43	-37.29	+12.67	-0.04
253		0	16 M6	-26.18	+0.85	+87.87	-175.68	-12.66	+0.07
253		357	16 M6	-26.18	+0.59	+133.06	-175.68	-12.66	+0.07
253		0	17 M7	-3.07	+0.10	-211.50	-45.17	-10.03	+0.04
253		357	17 M7	-3.07	-0.03	-175.69	-45.17	-10.03	+0.04
253	144	0	M+ A	+0.00	+4.46	+2829.09	+0.00	+104.48	+0.28
253	145	357	M+ A	+0.00	+3.47	+2456.62	+0.00	+109.63	+0.28
253	144	0	M- A	-104.92	+0.00	-573.75	-908.03	-53.90	+0.00
253	145	357	M- A	-104.92	+0.00	-403.25	-908.03	-47.06	+0.00
254	145	0	0 G	-35.10	+1.32	+343.27	-325.49	+30.04	+0.28
254	146	357	0 G	-35.10	+0.31	+226.83	-325.49	+35.19	+0.28
254		0	1 Q1	-14.05	+0.61	+1043.89	-156.58	+68.84	+0.01
254		357	1 Q1	-14.05	+0.57	+798.15	-156.58	+68.84	+0.01
254		0	11 M1	-4.69	+0.28	+184.27	-122.98	+29.15	-0.04
254		357	11 M1	-4.69	+0.43	+80.20	-122.98	+29.15	-0.04
254		0	12 M2	-6.80	+0.17	-497.68	-58.43	-26.17	+0.09
254		357	12 M2	-6.80	-0.16	-404.26	-58.43	-26.17	+0.09
254		0	13 M3	-2.44	+0.21	+393.87	-65.96	+43.98	-0.04
254		357	13 M3	-2.44	+0.36	+236.88	-65.96	+43.98	-0.04
254		0	14 M4	+3.67	+0.00	+4.37	+42.49	-2.42	-0.09
254		357	14 M4	+3.67	+0.31	+13.02	+42.49	-2.42	-0.09
254		0	15 M5	+6.77	+0.16	+79.43	-37.37	+12.66	-0.17
254		357	15 M5	+6.77	+0.79	+34.22	-37.37	+12.66	-0.17
254		0	16 M6	-26.18	+0.59	+133.06	-175.52	+7.89	+0.24
254		357	16 M6	-26.18	-0.25	+104.90	-175.52	+7.89	+0.24
254		0	17 M7	-3.07	-0.03	-175.69	-45.08	-9.97	+0.14
254		357	17 M7	-3.07	-0.55	-140.09	-45.08	-9.97	+0.14
254	145	0	M+ A	+0.00	+3.47	+2456.62	+0.00	+198.85	+0.75
254	146	357	M+ A	+0.00	+2.36	+1734.50	+0.00	+205.69	+0.75
254	145	0	M- A	-104.92	+0.00	-403.25	-907.57	-9.21	+0.00
254	146	357	M- A	-104.92	-0.51	-379.56	-907.57	-4.07	+0.00
255	146	0	0 G	-35.10	+0.31	+226.83	-325.41	+70.96	+0.88
255	147	358	0 G	-35.10	-2.83	-36.43	-325.41	+76.11	+0.88
255		0	1 Q1	-14.05	+0.57	+798.15	-156.56	+97.27	+0.19
255		358	1 Q1	-14.05	-0.10	+449.91	-156.56	+97.27	+0.19
255		0	11 M1	-4.69	+0.43	+80.20	-122.95	+29.03	+0.00
255		358	11 M1	-4.69	+0.42	-23.71	-122.95	+29.03	+0.00
255		0	12 M2	-6.80	-0.16	-404.26	-58.40	-26.15	+0.20
255		358	12 M2	-6.80	-0.88	-310.65	-58.40	-26.15	+0.20
255		0	13 M3	-2.44	+0.36	+236.88	-65.96	+43.00	-0.02
255		358	13 M3	-2.44	+0.42	+82.93	-65.96	+43.00	-0.02
255		0	14 M4	+3.67	+0.31	+13.02	+42.42	-2.42	-0.15
255		358	14 M4	+3.67	+0.83	+21.68	+42.42	-2.42	-0.15
255		0	15 M5	+6.77	+0.79	+34.22	-37.45	+12.69	-0.23
255		358	15 M5	+6.77	+1.61	-11.22	-37.45	+12.69	-0.23
255		0	16 M6	-26.18	-0.25	+104.90	-175.39	+36.93	+0.55
255		358	16 M6	-26.18	-2.21	-27.31	-175.39	+36.93	+0.55
255		0	17 M7	-3.07	-0.55	-140.09	-45.01	-9.96	+0.25
255		358	17 M7	-3.07	-1.43	-104.43	-45.01	-9.96	+0.25
255	146	0	M+ A	+0.00	+2.36	+1734.50	+0.00	+290.19	+2.24
255	147	358	M+ A	+0.00	+0.00	+695.35	+0.00	+297.05	+2.24
255	146	0	M- A	-104.92	-0.51	-379.56	-907.24	+0.00	+0.00
255	147	358	M- A	-104.92	-7.21	-514.42	-907.24	+0.00	+0.00
256	147	0	0 G	-35.10	-2.83	-36.43	-325.36	+110.86	+1.98
256	148	357	0 G	-35.10	-9.91	-441.37	-325.36	+116.00	+1.98
256		0	1 Q1	-14.05	-0.10	+449.91	-156.57	+125.65	+0.89
256		357	1 Q1	-14.05	-3.29	+1.36	-156.57	+125.65	+0.89
256		0	11 M1	-4.69	+0.42	-23.71	-122.93	+28.82	+0.40
256		357	11 M1	-4.69	-1.01	-126.61	-122.93	+28.82	+0.40
256		0	12 M2	-6.80	-0.88	-310.65	-58.37	-26.36	+0.23
256		357	12 M2	-6.80	-1.71	-216.54	-58.37	-26.36	+0.23
256		0	13 M3	-2.44	+0.42	+82.93	-65.98	+42.46	+0.31
256		357	13 M3	-2.44	-0.68	-68.66	-65.98	+42.46	+0.31
256		0	14 M4	+3.67	+0.83	+21.68	+42.36	-2.37	+0.00
256		357	14 M4	+3.67	+0.82	+30.15	+42.36	-2.37	+0.00
256		0	15 M5	+6.77	+1.61	-11.22	-37.53	+12.58	+0.31
256		357	15 M5	+6.77	+0.49	-56.14	-37.53	+12.58	+0.31
256		0	16 M6	-26.18	-2.21	-27.31	-175.30	+59.82	+0.80
256		357	16 M6	-26.18	-5.08	-240.85	-175.30	+59.82	+0.80
256		0	17 M7	-3.07	-1.43	-104.43	-44.94	-10.03	-0.05
256		357	17 M7	-3.07	-1.27	-68.60	-44.94	-10.03	-0.05
256	147	0	M+ A	+0.00	+0.00	+695.35	+0.00	+406.79	+5.05

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
256	148	357	M+ A	+0.00	+0.00	+0.00	+0.00	+413.62	+5.05
256	147	0	M- A	-104.92	-7.21	-514.42	-907.04	+0.00	+0.00
256	148	357	M- A	-104.92	-25.23	-948.30	-907.04	+0.00	+0.00
257	148	0	0 G	-35.10	-9.91	-441.37	-325.34	+151.05	+1.16
257	149	357	0 G	-35.10	-14.03	-989.78	-325.34	+156.19	+1.16
257		0	1 Q1	-14.05	-3.29	+1.36	-156.59	+154.46	+1.79
257		357	1 Q1	-14.05	-9.69	-550.07	-156.59	+154.46	+1.79
257		0	11 M1	-4.69	-1.01	-126.61	-122.94	+28.61	+1.32
257		357	11 M1	-4.69	-5.74	-228.74	-122.94	+28.61	+1.32
257		0	12 M2	-6.80	-1.71	-216.54	-58.35	-26.63	-0.47
257		357	12 M2	-6.80	-0.04	-121.47	-58.35	-26.63	-0.47
257		0	13 M3	-2.44	-0.68	-68.66	-66.00	+42.32	+1.13
257		357	13 M3	-2.44	-4.70	-219.75	-66.00	+42.32	+1.13
257		0	14 M4	+3.67	+0.82	+30.15	+42.31	-2.33	+0.92
257		357	14 M4	+3.67	-2.48	+38.48	+42.31	-2.33	+0.92
257		0	15 M5	+6.77	+0.49	-56.14	-37.61	+12.46	+2.46
257		357	15 M5	+6.77	-8.29	-100.63	-37.61	+12.46	+2.46
257		0	16 M6	-26.18	-5.08	-240.85	-175.23	+67.53	-0.72
257		357	16 M6	-26.18	-2.51	-481.95	-175.23	+67.53	-0.72
257		0	17 M7	-3.07	-1.27	-68.60	-44.87	-10.09	-1.66
257		357	17 M7	-3.07	+4.66	-32.57	-44.87	-10.09	-1.66
257	148	0	M+ A	+0.00	+0.00	+0.00	+0.00	+510.71	+7.64
257	149	357	M+ A	+0.00	+0.00	+0.00	+0.00	+517.55	+7.64
257	148	0	M- A	-104.92	-25.23	-948.30	-906.95	+0.00	-1.33
257	149	357	M- A	-104.92	-44.17	-2781.92	-906.95	+0.00	-1.33
258	149	0	0 G	-35.10	-14.03	-989.78	-325.35	+202.48	-10.05
258	150	357	0 G	-35.10	+21.86	-1723.54	-325.35	+208.59	-10.05
258		0	1 Q1	-14.05	-9.69	-550.07	-156.63	+183.61	-0.46
258		357	1 Q1	-14.05	-8.05	-1205.56	-156.63	+183.61	-0.46
258		0	11 M1	-4.69	-5.74	-228.74	-122.96	+31.53	+1.45
258		357	11 M1	-4.69	-10.91	-341.30	-122.96	+31.53	+1.45
258		0	12 M2	-6.80	-0.04	-121.47	-58.33	-24.53	-3.10
258		357	12 M2	-6.80	+11.03	-33.91	-58.33	-24.53	-3.10
258		0	13 M3	-2.44	-4.70	-219.75	-66.03	+44.60	+1.46
258		357	13 M3	-2.44	-9.92	-378.97	-66.03	+44.60	+1.46
258		0	14 M4	+3.67	-2.48	+38.48	+42.28	-2.87	+2.91
258		357	14 M4	+3.67	-12.86	+48.71	+42.28	-2.87	+2.91
258		0	15 M5	+6.77	-8.29	-100.63	-37.68	+13.87	+5.69
258		357	15 M5	+6.77	-28.59	-150.14	-37.68	+13.87	+5.69
258		0	16 M6	-26.18	-2.51	-481.95	-175.19	+90.62	-7.90
258		357	16 M6	-26.18	+25.70	-805.45	-175.19	+90.62	-7.90
258		0	17 M7	-3.07	+4.66	-32.57	-44.82	-9.37	-4.99
258		357	17 M7	-3.07	+22.47	+0.88	-44.82	-9.37	-4.99
258	149	0	M+ A	+0.00	+0.00	+0.00	+0.00	+653.10	+0.00
258	150	357	M+ A	+0.00	+67.62	+0.00	+0.00	+661.22	+0.00
258	149	0	M- A	-104.92	-44.17	-2781.92	-906.96	+0.00	-25.84
258	150	357	M- A	-104.92	-31.88	-5127.99	-906.96	+0.00	-25.84
259	150	0	0 G	+95.48	+78.30	-1694.68	-345.67	-203.68	+22.17
259	151	355	0 G	+95.48	-0.41	-982.39	-345.67	-197.61	+22.17
259		0	1 Q1	+26.36	+46.71	-87.82	-288.94	+58.36	+12.22
259		355	1 Q1	+26.36	+3.32	-295.00	-288.94	+58.36	+12.22
259		0	11 M1	+6.43	+25.78	-3.84	-172.37	+30.44	+6.44
259		355	11 M1	+6.43	+2.93	-111.89	-172.37	+30.44	+6.44
259		0	12 M2	+16.76	+3.31	-715.30	+12.62	-123.66	+1.44
259		355	12 M2	+16.76	-1.79	-276.31	+12.62	-123.66	+1.44
259		0	13 M3	+12.01	+21.99	+22.68	-119.18	+29.26	+5.35
259		355	13 M3	+12.01	+2.98	-81.21	-119.18	+29.26	+5.35
259		0	14 M4	-0.92	+9.91	-3.88	+38.10	-6.45	+1.96
259		355	14 M4	-0.92	+2.96	+19.01	+38.10	-6.45	+1.96
259		0	15 M5	+3.51	+35.15	+3.29	-79.03	+14.80	+8.00
259		355	15 M5	+3.51	+6.76	-49.23	-79.03	+14.80	+8.00
259		0	16 M6	+30.98	+18.11	-838.22	-168.00	-96.98	+6.30
259		355	16 M6	+30.98	-4.26	-493.93	-168.00	-96.98	+6.30
259		0	17 M7	+16.16	-16.75	-120.79	-14.52	-13.41	-3.45
259		355	17 M7	+16.16	-4.51	-73.18	-14.52	-13.41	-3.45
259	150	0	M+ A	+209.04	+219.90	+0.00	+0.00	+0.00	+57.98
259	151	355	M+ A	+209.04	+14.21	+0.00	+0.00	+0.00	+57.98
259	150	0	M- A	+0.00	+0.00	-3629.82	-1108.36	-456.38	+0.00
259	151	355	M- A	+0.00	-7.31	-2445.73	-1108.36	-448.30	+0.00
260	150	0	0 G	+0.00	-0.00	+2952.82	+0.00	+1091.69	+0.00
260	185	270	0 G	+0.00	-0.00	+0.00	+0.00	+1095.58	+0.00
260		0	1 Q1	+0.00	-0.00	+1174.90	+0.00	+435.15	-0.00
260		270	1 Q1	+0.00	+0.00	-0.00	+0.00	+435.15	-0.00
260		0	11 M1	+0.00	+0.00	+487.91	+0.00	+180.71	+0.00
260		270	11 M1	+0.00	+0.00	+0.00	+0.00	+180.71	+0.00
260		0	12 M2	+0.00	-0.00	+438.61	+0.00	+162.45	-0.00
260		270	12 M2	+0.00	-0.00	-0.00	+0.00	+162.45	-0.00
260		0	13 M3	+0.00	-0.00	+378.55	+0.00	+140.21	-0.00
260		270	13 M3	+0.00	+0.00	-0.00	+0.00	+140.21	-0.00
260		0	14 M4	+0.00	-0.00	-91.50	+0.00	-33.89	+0.00
260		270	14 M4	+0.00	+0.00	+0.00	+0.00	-33.89	+0.00
260		0	15 M5	+0.00	-0.00	+228.36	+0.00	+84.58	+0.00
260		270	15 M5	+0.00	+0.00	+0.00	+0.00	+84.58	+0.00
260		0	16 M6	+0.00	-0.00	+1258.48	+0.00	+466.10	-0.00
260		270	16 M6	+0.00	+0.00	+0.00	+0.00	+466.10	-0.00
260		0	17 M7	+0.00	+0.00	+147.76	+0.00	+54.73	+0.00
260		270	17 M7	+0.00	-0.00	+0.00	+0.00	+54.73	+0.00
260	150	0	M+ A	+0.00	+0.00	+7401.08	+0.00	+2738.55	+0.00
260	185	270	M+ A	+0.00	+0.00	+0.00	+0.00	+2743.73	+0.00
260	150	0	M- A	+0.00	-0.00	+0.00	+0.00	+0.00	+0.00
260	185	270	M- A	+0.00	-0.00	+0.00	+0.00	+0.00	+0.00
261	150	0	0 G	-15.16	-2974.05	-26.06	-590.67	-2.13	-214.31
261	261	753	0 G	-15.16	-1360.32	-10.02	-562.80	-2.13	-214.31
261		0	1 Q1	-1.35	-1179.93	-1137.81	-280.69	-110.04	-84.78
261		753	1 Q1	-1.35	-541.57	-309.24	-280.69	-110.04	-84.78
261		0	11 M1	+0.86	-466.49	-336.91	-176.01	-33.86	-33.55
261		753	11 M1	+0.86	-213.89	-81.96	-176.01	-33.86	-33.55
261		0	12 M2	-3.02	-418.00	+689.00	-57.76	+66.69	-30.06
261		753	12 M2	-3.02	-191.67	+186.81	-57.76	+66.69	-30.06
261		0	13 M3	-1.03	-359.02	-402.17	-121.70	-40.26	-25.82
261		753	13 M3	-1.03	-164.61	-99.05	-121.70	-40.26	-25.82
261		0	14 M4	+0.29	+88.44	+53.39	+36.32	+5.39	+6.39
261		753	14 M4	+0.29	+40.35	+12.83	+36.32	+5.39	+6.39
261		0	15 M5	-0.76	-217.85	-150.89	-85.03	-15.12	-15.61
261		753	15 M5	-0.76	-100.29	-37.02	-85.03	-15.12	-15.61
261		0	16 M6	-1.53	-1320.26	+32.32	-227.09	+3.51	-94.83

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
261		753	16 M6	-1.53	-606.20	+5.93	-227.09	+3.51	-94.83
261		0	17 M7	-5.17	-134.56	+120.52	-48.48	+12.20	-9.69
261		753	17 M7	-5.17	-61.56	+28.63	-48.48	+12.20	-9.69
261	150	0	M+ A	+0.00	+0.00	+1007.44	+0.00	+97.91	+0.00
261	261	753	M+ A	+0.00	+0.00	+270.20	+0.00	+97.91	+0.00
261	150	0	M- A	-29.75	-7528.78	-2173.96	-1505.17	-211.77	-541.72
261	261	753	M- A	-29.75	-3449.63	-579.36	-1468.09	-211.77	-541.72
262	151	0	0 G	+95.48	-0.41	-982.39	-345.76	-151.33	+3.21
262	152	355	0 G	+95.48	-11.82	-454.27	-345.76	-146.21	+3.21
262		0	1 Q1	+26.36	+3.32	-295.00	-289.05	+65.37	+2.54
262		355	1 Q1	+26.36	-5.68	-527.07	-289.05	+65.37	+2.54
262		0	11 M1	+6.43	+2.93	-111.89	-172.44	+33.24	+1.59
262		355	11 M1	+6.43	-2.71	-229.88	-172.44	+33.24	+1.59
262		0	12 M2	+16.76	-1.79	-276.31	+12.64	-106.86	-0.16
262		355	12 M2	+16.76	-1.22	+103.03	+12.64	-106.86	-0.16
262		0	13 M3	+12.01	+2.98	-81.21	-119.23	+31.36	+1.39
262		355	13 M3	+12.01	-1.94	-192.55	-119.23	+31.36	+1.39
262		0	14 M4	-0.92	+2.96	+19.01	+38.09	-6.96	+0.88
262		355	14 M4	-0.92	-0.16	+43.73	+38.09	-6.96	+0.88
262		0	15 M5	+3.51	+6.76	-49.23	-79.10	+16.15	+2.57
262		355	15 M5	+3.51	-2.38	-106.56	-79.10	+16.15	+2.57
262		0	16 M6	+30.98	-4.26	-493.93	-168.02	-73.86	+0.12
262		355	16 M6	+30.98	-4.69	-231.72	-168.02	-73.86	+0.12
262		0	17 M7	+16.16	-4.51	-73.18	-14.47	-12.63	-1.48
262		355	17 M7	+16.16	+0.75	-28.32	-14.47	-12.63	-1.48
262	151	0	M+ A	+209.04	+14.21	+0.00	+0.00	+0.00	+11.56
262	152	355	M+ A	+209.04	+0.00	+0.00	+0.00	+0.00	+11.56
262	151	0	M- A	+0.00	-7.31	-2445.73	-1108.74	-361.55	+0.00
262	152	355	M- A	+0.00	-30.42	-1663.31	-1108.74	-354.75	+0.00
263	152	0	0 G	+95.48	-11.82	-454.27	-345.91	-111.22	-1.61
263	153	355	0 G	+95.48	-6.09	-68.52	-345.91	-106.10	-1.61
263		0	1 Q1	+26.36	-5.68	-527.07	-289.22	+64.51	-0.60
263		355	1 Q1	+26.36	-3.55	-756.08	-289.22	+64.51	-0.60
263		0	11 M1	+6.43	-2.71	-229.88	-172.54	+32.99	-0.22
263		355	11 M1	+6.43	-1.93	-346.99	-172.54	+32.99	-0.22
263		0	12 M2	+16.76	-1.22	+103.03	+12.67	-86.26	-0.25
263		355	12 M2	+16.76	-0.32	+409.25	+12.67	-86.26	-0.25
263		0	13 M3	+12.01	-1.94	-192.55	-119.31	+31.18	-0.12
263		355	13 M3	+12.01	-1.52	-303.22	-119.31	+31.18	-0.12
263		0	14 M4	-0.92	-0.16	+43.73	+38.08	-6.92	+0.12
263		355	14 M4	-0.92	-0.59	+68.29	+38.08	-6.92	+0.12
263		0	15 M5	+3.51	-2.38	-106.56	-79.20	+16.02	+0.02
263		355	15 M5	+3.51	-2.44	-163.43	-79.20	+16.02	+0.02
263		0	16 M6	+30.98	-4.69	-231.72	-168.06	-66.35	-0.84
263		355	16 M6	+30.98	-1.70	+3.82	-168.06	-66.35	-0.84
263		0	17 M7	+16.16	+0.75	-28.32	-14.42	-12.68	-0.13
263		355	17 M7	+16.16	+1.19	+16.70	-14.42	-12.68	-0.13
263	152	0	M+ A	+209.04	+0.00	+0.00	+0.00	+25.35	+0.00
263	153	355	M+ A	+209.04	+0.00	+545.36	+0.00	+30.47	+0.00
263	152	0	M- A	+0.00	-30.42	-1663.31	-1109.32	-277.31	-4.22
263	153	355	M- A	+0.00	-16.54	-1632.33	-1109.32	-270.51	-4.22
264	153	0	0 G	+95.48	-6.09	-68.52	-346.10	-71.48	-1.29
264	154	355	0 G	+95.48	-1.51	+176.16	-346.10	-66.37	-1.29
264		0	1 Q1	+26.36	-3.55	-756.08	-289.44	+63.83	-0.73
264		355	1 Q1	+26.36	-0.95	-982.68	-289.44	+63.83	-0.73
264		0	11 M1	+6.43	-1.93	-346.99	-172.68	+32.73	-0.39
264		355	11 M1	+6.43	-0.55	-463.18	-172.68	+32.73	-0.39
264		0	12 M2	+16.76	-0.32	+409.25	+12.71	-77.96	-0.09
264		355	12 M2	+16.76	-0.01	+686.02	+12.71	-77.96	-0.09
264		0	13 M3	+12.01	-1.52	-303.22	-119.41	+30.97	-0.28
264		355	13 M3	+12.01	-0.54	-413.18	-119.41	+30.97	-0.28
264		0	14 M4	-0.92	-0.59	+68.29	+38.08	-6.87	-0.08
264		355	14 M4	-0.92	-0.32	+92.67	+38.08	-6.87	-0.08
264		0	15 M5	+3.51	-2.44	-163.43	-79.31	+15.90	-0.42
264		355	15 M5	+3.51	-0.95	-219.89	-79.31	+15.90	-0.42
264		0	16 M6	+30.98	-1.70	+3.82	-168.13	-43.90	-0.46
264		355	16 M6	+30.98	-0.06	+159.65	-168.13	-43.90	-0.46
264		0	17 M7	+16.16	+1.19	+16.70	-14.37	-12.74	+0.22
264		355	17 M7	+16.16	+0.41	+61.94	-14.37	-12.74	+0.22
264	153	0	M+ A	+209.04	+0.00	+545.36	+0.00	+63.78	+0.00
264	154	355	M+ A	+209.04	+0.00	+1263.33	+0.00	+68.90	+0.00
264	153	0	M- A	+0.00	-16.54	-1632.33	-1110.07	-212.01	-3.40
264	154	355	M- A	+0.00	-4.71	-1845.22	-1110.07	-205.21	-3.40
265	154	0	0 G	+95.48	-1.51	+176.16	-346.33	-30.70	-0.56
265	155	355	0 G	+95.48	+0.49	+276.06	-346.33	-25.58	-0.56
265		0	1 Q1	+26.36	-0.95	-982.68	-289.72	+63.88	-0.36
265		355	1 Q1	+26.36	+0.33	-1209.44	-289.72	+63.88	-0.36
265		0	11 M1	+6.43	-0.55	-463.18	-172.85	+32.74	-0.20
265		355	11 M1	+6.43	+0.17	-579.42	-172.85	+32.74	-0.20
265		0	12 M2	+16.76	-0.01	+686.02	+12.77	-54.61	-0.02
265		355	12 M2	+16.76	+0.08	+879.90	+12.77	-54.61	-0.02
265		0	13 M3	+12.01	-0.54	-413.18	-119.53	+30.99	-0.14
265		355	13 M3	+12.01	-0.04	-523.20	-119.53	+30.99	-0.14
265		0	14 M4	-0.92	-0.32	+92.67	+38.09	-6.87	-0.05
265		355	14 M4	-0.92	-0.13	+117.06	+38.09	-6.87	-0.05
265		0	15 M5	+3.51	-0.95	-219.89	-79.43	+15.92	-0.24
265		355	15 M5	+3.51	-0.09	-276.39	-79.43	+15.92	-0.24
265		0	16 M6	+30.98	-0.06	+159.65	-168.23	-14.95	-0.19
265		355	16 M6	+30.98	+0.60	+212.72	-168.23	-14.95	-0.19
265		0	17 M7	+16.16	+0.41	+61.94	-14.31	-12.71	+0.15
265		355	17 M7	+16.16	-0.13	+107.05	-14.31	-12.71	+0.15
265	154	0	M+ A	+209.04	+0.00	+1263.33	+0.00	+104.65	+0.00
265	155	355	M+ A	+209.04	+2.01	+1687.01	+0.00	+109.77	+0.00
265	154	0	M- A	+0.00	-4.71	-1845.22	-1111.02	-122.75	-1.60
265	155	355	M- A	+0.00	+0.00	-2225.82	-1111.02	-115.95	-1.60
266	155	0	0 G	+95.48	+0.49	+276.06	-346.61	+10.08	-0.08
266	156	355	0 G	+95.48	+0.76	+231.19	-346.61	+15.19	-0.08
266		0	1 Q1	+26.36	+0.33	-1209.44	-290.05	+64.30	-0.10
266		355	1 Q1	+26.36	+0.70	-1437.71	-290.05	+64.30	-0.10
266		0	11 M1	+6.43	+0.17	-579.42	-173.06	+32.94	-0.07
266		355	11 M1	+6.43	+0.43	-696.37	-173.06	+32.94	-0.07
266		0	12 M2	+16.76	+0.08	+879.90	+12.83	-26.04	+0.01
266		355	12 M2	+16.76	+0.03	+972.34	+12.83	-26.04	+0.01
266		0	13 M3	+12.01	-0.04	-523.20	-119.67	+31.17	-0.03
266		355	13 M3	+12.01	+0.06	-633.87	-119.67	+31.17	-0.03
266		0	14 M4	-0.92	-0.13	+117.06	+38.11	-6.91	-0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
266		355	14 M4	-0.92	-0.08	+141.59	+38.11	-6.91	-0.01
266		0	15 M5	+3.51	-0.09	-276.39	-79.57	+16.01	-0.08
266		355	15 M5	+3.51	+0.19	-333.24	-79.57	+16.01	-0.08
266		0	16 M6	+30.98	+0.60	+212.72	-168.35	+6.14	-0.05
266		355	16 M6	+30.98	+0.77	+190.91	-168.35	+6.14	-0.05
266		0	17 M7	+16.16	-0.13	+107.05	-14.25	-12.83	+0.09
266		355	17 M7	+16.16	-0.45	+152.60	-14.25	-12.83	+0.09
266	155	0	M+ A	+209.04	+2.01	+1687.01	+0.00	+149.63	+0.06
266	156	355	M+ A	+209.04	+3.13	+1766.00	+0.00	+156.43	+0.06
266	155	0	M- A	+0.00	+0.00	-2225.82	-1112.15	-28.98	-0.36
266	156	355	M- A	+0.00	+0.00	-2754.28	-1112.15	-23.86	-0.36
267	156	0	0 G	+95.48	+0.76	+231.19	-346.93	+50.96	+1.49
267	157	355	0 G	+95.48	-4.51	+40.02	-346.93	+56.74	+1.49
267		0	1 Q1	+26.36	+0.70	-1437.71	-290.45	+64.40	+0.28
267		355	1 Q1	+26.36	-0.29	-1666.32	-290.45	+64.40	+0.28
267		0	11 M1	+6.43	+0.43	-696.37	-173.31	+32.99	-0.00
267		355	11 M1	+6.43	+0.45	-813.49	-173.31	+32.99	-0.00
267		0	12 M2	+16.76	+0.03	+972.34	+12.91	-5.62	+0.31
267		355	12 M2	+16.76	-1.08	+992.30	+12.91	-5.62	+0.31
267		0	13 M3	+12.01	+0.06	-633.87	-119.84	+31.22	+0.18
267		355	13 M3	+12.01	-0.57	-744.70	-119.84	+31.22	+0.18
267		0	14 M4	-0.92	-0.08	+141.59	+38.14	-6.92	-0.02
267		355	14 M4	-0.92	-0.02	+166.15	+38.14	-6.92	-0.02
267		0	15 M5	+3.51	+0.19	-333.24	-79.72	+16.04	-0.05
267		355	15 M5	+3.51	+0.35	-390.17	-79.72	+16.04	-0.05
267		0	16 M6	+30.98	+0.77	+190.91	-168.51	+13.83	+0.43
267		355	16 M6	+30.98	-0.74	+141.80	-168.51	+13.83	+0.43
267		0	17 M7	+16.16	-0.45	+152.60	-14.18	-13.62	+0.40
267		355	17 M7	+16.16	-1.87	+200.96	-14.18	-13.62	+0.40
267	156	0	M+ A	+209.04	+3.13	+1766.00	+0.00	+204.20	+3.00
267	157	355	M+ A	+209.04	+0.00	+1541.68	+0.00	+211.89	+3.00
267	156	0	M- A	+0.00	+0.00	-2754.28	-1113.49	+0.00	+0.00
267	157	355	M- A	+0.00	-9.20	-3429.74	-1113.49	+0.00	+0.00
268	157	0	0 G	+95.48	-4.51	+40.02	-347.29	+92.88	+5.53
268	158	355	0 G	+95.48	-24.16	-299.95	-347.29	+98.66	+5.53
268		0	1 Q1	+26.36	-0.29	-1666.32	-290.89	+64.06	+1.12
268		355	1 Q1	+26.36	-4.28	-1893.73	-290.89	+64.06	+1.12
268		0	11 M1	+6.43	+0.45	-813.49	-173.59	+32.86	+0.05
268		355	11 M1	+6.43	+0.28	-930.12	-173.59	+32.86	+0.05
268		0	12 M2	+16.76	-1.08	+992.30	+13.00	+2.61	+1.14
268		355	12 M2	+16.76	-5.14	+983.03	+13.00	+2.61	+1.14
268		0	13 M3	+12.01	-0.57	-744.70	-120.03	+31.07	+0.64
268		355	13 M3	+12.01	-2.85	-855.00	-120.03	+31.07	+0.64
268		0	14 M4	-0.92	-0.02	+166.15	+38.17	-6.89	-0.08
268		355	14 M4	-0.92	+0.26	+190.60	+38.17	-6.89	-0.08
268		0	15 M5	+3.51	+0.35	-390.17	-79.89	+15.98	-0.14
268		355	15 M5	+3.51	+0.85	-446.91	-79.89	+15.98	-0.14
268		0	16 M6	+30.98	-0.74	+141.80	-168.68	+36.33	+1.68
268		355	16 M6	+30.98	-6.70	+12.82	-168.68	+36.33	+1.68
268		0	17 M7	+16.16	-1.87	+200.96	-14.11	-13.59	+1.40
268		355	17 M7	+16.16	-6.83	+249.19	-14.11	-13.59	+1.40
268	157	0	M+ A	+209.04	+0.00	+1541.68	+0.00	+264.51	+11.40
268	158	355	M+ A	+209.04	+0.00	+1174.60	+0.00	+272.20	+11.40
268	157	0	M- A	+0.00	-9.20	-3429.74	-1114.99	+0.00	+0.00
268	158	355	M- A	+0.00	-48.16	-4350.66	-1114.99	+0.00	+0.00
269	158	0	0 G	+85.15	+18.08	+99.00	+118.64	-92.49	+3.79
269	159	355	0 G	+85.15	+4.63	+417.06	+118.64	-86.70	+3.79
269		0	1 Q1	+12.49	+3.73	-2019.31	+34.87	-82.94	+0.75
269		355	1 Q1	+12.49	+1.06	-1724.89	+34.87	-82.94	+0.75
269		0	11 M1	-2.49	+0.22	-951.80	+17.16	-56.03	+0.02
269		355	11 M1	-2.49	+0.13	-752.91	+17.16	-56.03	+0.02
269		0	12 M2	+18.26	+3.70	+1277.99	+29.38	+2.58	+0.79
269		355	12 M2	+18.26	+0.91	+1268.83	+29.38	+2.58	+0.79
269		0	13 M3	+10.83	+2.12	-910.17	+18.28	-31.36	+0.45
269		355	13 M3	+10.83	+0.54	-798.86	+18.28	-31.36	+0.45
269		0	14 M4	+0.56	-0.21	+194.12	-1.05	+11.44	-0.04
269		355	14 M4	+0.56	-0.07	+153.53	-1.05	+11.44	-0.04
269		0	15 M5	-1.21	-0.31	-456.69	+11.95	-26.83	-0.07
269		355	15 M5	-1.21	-0.05	-361.43	+11.95	-26.83	-0.07
269		0	16 M6	+17.90	+5.39	+259.33	+40.87	-48.54	+1.11
269		355	16 M6	+17.90	+1.46	+431.66	+40.87	-48.54	+1.11
269		0	17 M7	+25.81	+4.45	+330.85	+27.08	-25.20	+0.96
269		355	17 M7	+25.81	+1.04	+420.33	+27.08	-25.20	+0.96
269	158	0	M+ A	+168.82	+37.17	+2048.66	+266.17	+0.00	+7.71
269	159	355	M+ A	+168.82	+9.79	+2457.94	+266.17	+0.00	+7.71
269	158	0	M- A	+0.00	+0.00	-4054.78	+0.00	-319.01	+0.00
269	159	355	M- A	+0.00	+0.00	-3109.83	+0.00	-311.32	+0.00
270	158	0	0 G	-24.58	+35.87	+398.95	+516.61	-48.13	+3.09
270	201	379	0 G	-24.58	+24.14	+209.09	+518.09	-52.06	+3.09
270		0	1 Q1	-15.81	+2.60	-125.58	+357.09	-22.15	+0.69
270		379	1 Q1	-15.81	-0.02	-209.53	+357.09	-22.15	+0.69
270		0	11 M1	-8.32	-3.21	-21.68	+210.14	-15.67	+0.07
270		379	11 M1	-8.32	-3.46	-81.05	+210.14	-15.67	+0.07
270		0	12 M2	-1.71	+8.80	+294.96	+23.41	-15.92	+0.63
270		379	12 M2	-1.71	+6.41	+234.62	+23.41	-15.92	+0.63
270		0	13 M3	-2.86	+4.23	-55.18	+151.60	-9.40	+0.34
270		379	13 M3	-2.86	+2.95	-90.82	+151.60	-9.40	+0.34
270		0	14 M4	+1.55	+0.08	+3.52	-43.20	+3.27	-0.08
270		379	14 M4	+1.55	+0.39	+15.93	-43.20	+3.27	-0.08
270		0	15 M5	-4.01	-2.75	-9.78	+101.20	-7.56	-0.12
270		379	15 M5	-4.01	-2.29	-38.44	+101.20	-7.56	-0.12
270		0	16 M6	-16.50	+6.69	+246.50	+235.66	-30.35	+1.07
270		379	16 M6	-16.50	+2.63	+131.49	+235.66	-30.35	+1.07
270		0	17 M7	+5.04	+13.96	+81.67	+46.77	-7.51	+0.73
270		379	17 M7	+5.04	+11.18	+53.20	+46.77	-7.51	+0.73
270	158	0	M+ A	+0.00	+72.16	+973.05	+1522.65	+0.00	+6.66
270	201	379	M+ A	+0.00	+48.88	+630.01	+1524.63	+0.00	+6.66
270	158	0	M- A	-78.78	+0.00	-0.00	+0.00	-139.43	+0.00
270	201	379	M- A	-78.78	+0.00	-210.01	+0.00	-144.67	+0.00
271	159	0	0 G	+85.15	+4.63	+417.06	+118.31	-50.97	+1.24
271	160	355	0 G	+85.15	+0.24	+588.92	+118.31	-45.85	+1.24
271		0	1 Q1	+12.49	+1.06	-1724.89	+34.38	-82.65	+0.28
271		355	1 Q1	+12.49	+0.05	-1431.47	+34.38	-82.65	+0.28
271		0	11 M1	-2.49	+0.13	-752.91	+16.86	-55.88	+0.04
271		355	11 M1	-2.49	+0.00	-554.54	+16.86	-55.88	+0.04
271		0	12 M2	+18.26	+0.91	+1268.83	+29.49	+28.87	+0.25

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
271		355	12 M2	+18.26	+0.03	+1166.35	+29.49	+28.87	+0.25
271		0	13 M3	+10.83	+0.54	-798.86	+18.08	-31.24	+0.14
271		355	13 M3	+10.83	+0.04	-687.96	+18.08	-31.24	+0.14
271		0	14 M4	+0.56	-0.07	+153.53	-1.00	+11.41	-0.02
271		355	14 M4	+0.56	+0.00	+113.04	-1.00	+11.41	-0.02
271		0	15 M5	-1.21	-0.05	-361.43	+11.77	-26.76	-0.02
271		355	15 M5	-1.21	+0.01	-266.43	+11.77	-26.76	-0.02
271		0	16 M6	+17.90	+1.46	+431.66	+40.69	-19.19	+0.40
271		355	16 M6	+17.90	+0.03	+499.77	+40.69	-19.19	+0.40
271		0	17 M7	+25.81	+1.04	+420.33	+27.17	-2.59	+0.27
271		355	17 M7	+25.81	+0.08	+429.53	+27.17	-2.59	+0.27
271	159	0	M+ A	+168.82	+9.79	+2457.94	+264.80	+0.00	+2.64
271	160	355	M+ A	+168.82	+0.51	+2532.79	+264.80	+0.00	+2.64
271	159	0	M- A	+0.00	+0.00	-3109.83	+0.00	-263.18	+0.00
271	160	355	M- A	+0.00	+0.00	-2375.52	+0.00	-256.38	+0.00
272	160	0	0 G	+85.15	+0.24	+588.92	+118.03	-10.46	+0.95
272	161	355	0 G	+85.15	-3.13	+616.99	+118.03	-5.35	+0.95
272		0	1 Q1	+12.49	+0.05	-1431.47	+33.92	-81.92	+0.22
272		355	1 Q1	+12.49	-0.71	-1140.65	+33.92	-81.92	+0.22
272		0	11 M1	-2.49	+0.00	-554.54	+16.56	-55.60	+0.02
272		355	11 M1	-2.49	-0.08	-357.17	+16.56	-55.60	+0.02
272		0	12 M2	+18.26	+0.03	+1166.35	+29.62	+57.53	+0.16
272		355	12 M2	+18.26	-0.54	+962.11	+29.62	+57.53	+0.16
272		0	13 M3	+10.83	+0.04	-687.96	+17.89	-30.89	+0.11
272		355	13 M3	+10.83	-0.36	-578.31	+17.89	-30.89	+0.11
272		0	14 M4	+0.56	+0.00	+113.04	-0.96	+11.35	-0.01
272		355	14 M4	+0.56	+0.02	+72.75	-0.96	+11.35	-0.01
272		0	15 M5	-1.21	+0.01	-266.43	+11.60	-26.63	+0.01
272		355	15 M5	-1.21	-0.01	-171.91	+11.60	-26.63	+0.01
272		0	16 M6	+17.90	+0.03	+499.77	+40.52	-0.45	+0.24
272		355	16 M6	+17.90	-0.84	+501.38	+40.52	-0.45	+0.24
272		0	17 M7	+25.81	+0.08	+429.53	+27.28	+5.97	+0.22
272		355	17 M7	+25.81	-0.69	+408.33	+27.28	+5.97	+0.22
272	160	0	M+ A	+168.82	+0.51	+2532.79	+263.55	+75.84	+1.92
272	161	355	M+ A	+168.82	+0.00	+2263.76	+263.55	+80.95	+1.92
272	160	0	M- A	+0.00	+0.00	-2375.52	+0.00	-207.91	+0.00
272	161	355	M- A	+0.00	-6.38	-1790.36	+0.00	-201.11	+0.00
273	161	0	0 G	+85.15	-3.13	+616.99	+117.81	+30.31	+2.95
273	162	355	0 G	+85.15	-13.59	+499.13	+117.81	+36.09	+2.95
273		0	1 Q1	+12.49	-0.71	-1140.65	+33.47	-81.91	+0.58
273		355	1 Q1	+12.49	-2.76	-849.88	+33.47	-81.91	+0.58
273		0	11 M1	-2.49	-0.08	-357.17	+16.27	-55.64	+0.00
273		355	11 M1	-2.49	-0.08	-159.66	+16.27	-55.64	+0.00
273		0	12 M2	+18.26	-0.54	+962.11	+29.77	+76.28	+0.53
273		355	12 M2	+18.26	-2.41	+691.30	+29.77	+76.28	+0.53
273		0	13 M3	+10.83	-0.36	-578.31	+17.71	-30.87	+0.37
273		355	13 M3	+10.83	-1.69	-468.71	+17.71	-30.87	+0.37
273		0	14 M4	+0.56	+0.02	+72.75	-0.92	+11.36	+0.00
273		355	14 M4	+0.56	+0.01	+32.42	-0.92	+11.36	+0.00
273		0	15 M5	-1.21	-0.01	-171.91	+11.44	-26.64	+0.01
273		355	15 M5	-1.21	-0.03	-77.33	+11.44	-26.64	+0.01
273		0	16 M6	+17.90	-0.84	+501.38	+40.38	+24.22	+0.65
273		355	16 M6	+17.90	-3.13	+415.39	+40.38	+24.22	+0.65
273		0	17 M7	+25.81	-0.69	+408.33	+27.41	+26.36	+0.79
273		355	17 M7	+25.81	-3.49	+314.75	+27.41	+26.36	+0.79
273	161	0	M+ A	+168.82	+0.00	+2263.76	+262.45	+154.73	+5.88
273	162	355	M+ A	+168.82	+0.00	+1700.80	+262.45	+162.42	+5.88
273	161	0	M- A	+0.00	-6.38	-1790.36	+0.00	-163.73	+0.00
273	162	355	M- A	+0.00	-27.03	-1351.28	+0.00	-157.94	+0.00
274	162	0	0 G	+82.99	+21.61	+169.48	-195.08	-79.16	+4.54
274	163	355	0 G	+82.99	+5.50	+440.24	-195.08	-73.38	+4.54
274		0	1 Q1	+6.61	+3.37	-576.94	+151.22	-13.04	+0.80
274		355	1 Q1	+6.61	+0.52	-530.67	+151.22	-13.04	+0.80
274		0	11 M1	-5.95	-0.67	-65.71	+111.39	-6.13	-0.07
274		355	11 M1	-5.95	-0.43	-43.96	+111.39	-6.13	-0.07
274		0	12 M2	+20.12	+4.10	+432.67	-157.39	+0.75	+0.84
274		355	12 M2	+20.12	+1.13	+430.00	-157.39	+0.75	+0.84
274		0	13 M3	+10.03	+2.83	-351.67	+48.77	-10.62	+0.58
274		355	13 M3	+10.03	+0.79	-313.99	+48.77	-10.62	+0.58
274		0	14 M4	+1.23	+0.18	+13.24	-20.44	+1.22	+0.02
274		355	14 M4	+1.23	+0.10	+8.92	-20.44	+1.22	+0.02
274		0	15 M5	-2.88	-0.24	-32.30	+56.75	-3.01	-0.02
274		355	15 M5	-2.88	-0.17	-21.60	+56.75	-3.01	-0.02
274		0	16 M6	+13.77	+3.83	+297.24	-30.92	+11.08	+0.90
274		355	16 M6	+13.77	+0.64	+257.92	-30.92	+11.08	+0.90
274		0	17 M7	+28.89	+6.76	+99.27	-138.06	-33.68	+1.31
274		355	17 M7	+28.89	+2.13	+218.83	-138.06	-33.68	+1.31
274	162	0	M+ A	+162.63	+43.44	+874.41	+176.15	+0.00	+9.08
274	163	355	M+ A	+162.63	+11.21	+1230.52	+176.15	+0.00	+9.08
274	162	0	M- A	+0.00	+0.00	-1136.90	-495.54	-173.40	+0.00
274	163	355	M- A	+0.00	+0.00	-747.14	-495.54	-165.71	+0.00
275	162	0	0 G	-10.41	-33.70	+329.65	+346.07	+31.26	-2.62
275	202	379	0 G	-10.41	-23.77	+203.70	+347.55	+35.20	-2.62
275		0	1 Q1	+3.33	-7.81	-272.94	-135.06	-23.15	-0.39
275		379	1 Q1	+3.33	-6.34	-185.21	-135.06	-23.15	-0.39
275		0	11 M1	+3.45	-0.67	-93.94	-106.81	-12.83	+0.10
275		379	11 M1	+3.45	-1.06	-45.31	-106.81	-12.83	+0.10
275		0	12 M2	-4.04	-5.43	+258.64	+211.00	+28.54	-0.50
275		379	12 M2	-4.04	-3.54	+150.47	+211.00	+28.54	-0.50
275		0	13 M3	-0.85	-4.51	-117.04	-36.44	-8.12	-0.32
275		379	13 M3	-0.85	-3.30	-86.28	-36.44	-8.12	-0.32
275		0	14 M4	-0.69	+0.08	+19.18	+21.90	+2.62	-0.03
275		379	14 M4	-0.69	+0.18	+9.25	+21.90	+2.62	-0.03
275		0	15 M5	+1.64	-0.40	-45.03	-50.92	-6.14	+0.04
275		379	15 M5	+1.64	-0.54	-21.75	-50.92	-6.14	+0.04
275		0	16 M6	+1.41	-7.98	+118.14	+80.50	+11.70	-0.43
275		379	16 M6	+1.41	-6.35	+73.79	+80.50	+11.70	-0.43
275		0	17 M7	-6.50	-8.50	+215.48	+186.43	+24.95	-0.82
275		379	17 M7	-6.50	-5.38	+120.91	+186.43	+24.95	-0.82
275	162	0	M+ A	+0.00	+0.00	+826.39	+776.76	+84.39	+0.00
275	202	379	M+ A	+0.00	+0.00	+496.62	+778.74	+89.63	+0.00
275	162	0	M- A	-23.60	-68.11	-214.38	+0.00	-19.23	-5.24
275	202	379	M- A	-23.60	-49.70	-175.75	+0.00	-15.30	-5.24
276	163	0	0 G	+82.99	+5.50	+440.24	-195.26	-37.27	+1.31
276	164	355	0 G	+82.99	+0.86	+562.28	-195.26	-31.49	+1.31
276		0	1 Q1	+6.61	+0.52	-530.67	+150.83	-13.33	+0.22

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
276		355	1 Q1	+6.61	-0.24	-483.33	+150.83	-13.33	+0.22
276		0	11 M1	-5.95	-0.43	-43.96	+111.14	-6.21	-0.03
276		355	11 M1	-5.95	-0.33	-21.92	+111.14	-6.21	-0.03
276		0	12 M2	+20.12	+1.13	+430.00	-157.26	+26.44	+0.25
276		355	12 M2	+20.12	+0.25	+336.15	-157.26	+26.44	+0.25
276		0	13 M3	+10.03	+0.79	-313.99	+48.61	-10.72	+0.17
276		355	13 M3	+10.03	+0.18	-275.94	+48.61	-10.72	+0.17
276		0	14 M4	+1.23	+0.10	+8.92	-20.41	+1.23	+0.01
276		355	14 M4	+1.23	+0.07	+4.54	-20.41	+1.23	+0.01
276		0	15 M5	-2.88	-0.17	-21.60	+56.61	-3.05	-0.01
276		355	15 M5	-2.88	-0.14	-10.77	+56.61	-3.05	-0.01
276		0	16 M6	+13.77	+0.64	+257.92	-31.04	+17.35	+0.24
276		355	16 M6	+13.77	-0.23	+196.34	-31.04	+17.35	+0.24
276		0	17 M7	+28.89	+2.13	+218.83	-137.96	-10.06	+0.40
276		355	17 M7	+28.89	+0.72	+254.54	-137.96	-10.06	+0.40
276	163	0	M+ A	+162.63	+11.21	+1230.52	+175.07	+2.39	+2.62
276	164	355	M+ A	+162.63	+2.22	+1252.06	+175.07	+8.17	+2.62
276	163	0	M- A	+0.00	+0.00	-747.14	-495.58	-83.64	+0.00
276	164	355	M- A	+0.00	+0.00	-504.12	-495.58	-75.95	+0.00
277	164	0	0 G	+82.99	+0.86	+562.28	-195.45	+4.20	-0.03
277	165	355	0 G	+82.99	+0.98	+538.30	-195.45	+9.31	-0.03
277		0	1 Q1	+6.61	-0.24	-483.33	+150.48	-13.31	-0.07
277		355	1 Q1	+6.61	+0.01	-436.09	+150.48	-13.31	-0.07
277		0	11 M1	-5.95	-0.33	-21.92	+110.92	-6.19	-0.06
277		355	11 M1	-5.95	-0.10	+0.07	+110.92	-6.19	-0.06
277		0	12 M2	+20.12	+0.25	+336.15	-157.15	+31.93	-0.01
277		355	12 M2	+20.12	+0.28	+222.79	-157.15	+31.93	-0.01
277		0	13 M3	+10.03	+0.18	-275.94	+48.47	-10.74	-0.00
277		355	13 M3	+10.03	+0.19	-237.82	+48.47	-10.74	-0.00
277		0	14 M4	+1.23	+0.07	+4.54	-20.37	+1.23	+0.01
277		355	14 M4	+1.23	+0.04	+0.17	-20.37	+1.23	+0.01
277		0	15 M5	-2.88	-0.14	-10.77	+56.49	-3.04	-0.03
277		355	15 M5	-2.88	-0.02	+0.03	+56.49	-3.04	-0.03
277		0	16 M6	+13.77	-0.23	+196.34	-31.16	+16.27	-0.08
277		355	16 M6	+13.77	+0.04	+138.58	-31.16	+16.27	-0.08
277		0	17 M7	+28.89	+0.72	+254.54	-137.87	-2.42	+0.05
277		355	17 M7	+28.89	+0.54	+263.13	-137.87	-2.42	+0.05
277	164	0	M+ A	+162.63	+2.22	+1252.06	+174.08	+53.48	+0.04
277	165	355	M+ A	+162.63	+2.12	+1110.63	+174.08	+60.28	+0.04
277	164	0	M- A	+0.00	+0.00	-504.12	-495.68	-29.87	-0.25
277	165	355	M- A	+0.00	+0.00	-407.16	-495.68	-24.76	-0.25
278	165	0	0 G	+82.99	+0.98	+538.30	-195.67	+44.69	-0.67
278	166	355	0 G	+82.99	+3.36	+370.56	-195.67	+49.81	-0.67
278		0	1 Q1	+6.61	+0.01	-436.09	+150.18	-13.17	-0.27
278		355	1 Q1	+6.61	+0.96	-389.34	+150.18	-13.17	-0.27
278		0	11 M1	-5.95	-0.10	+0.07	+110.73	-6.17	-0.15
278		355	11 M1	-5.95	+0.43	+21.96	+110.73	-6.17	-0.15
278		0	12 M2	+20.12	+0.28	+222.79	-157.08	+30.72	-0.15
278		355	12 M2	+20.12	+0.82	+113.72	-157.08	+30.72	-0.15
278		0	13 M3	+10.03	+0.19	-237.82	+48.34	-11.31	-0.11
278		355	13 M3	+10.03	+0.57	-197.68	+48.34	-11.31	-0.11
278		0	14 M4	+1.23	+0.04	+0.17	-20.35	+1.23	+0.02
278		355	14 M4	+1.23	-0.02	-4.19	-20.35	+1.23	+0.02
278		0	15 M5	-2.88	-0.02	+0.03	+56.38	-3.03	-0.09
278		355	15 M5	-2.88	+0.30	+10.79	+56.38	-3.03	-0.09
278		0	16 M6	+13.77	+0.04	+138.58	-31.27	+15.68	-0.29
278		355	16 M6	+13.77	+1.06	+82.90	-31.27	+15.68	-0.29
278		0	17 M7	+28.89	+0.54	+263.13	-137.81	+18.49	-0.09
278		355	17 M7	+28.89	+0.86	+197.49	-137.81	+18.49	-0.09
278	165	0	M+ A	+162.63	+2.12	+1110.63	+173.17	+105.53	+0.00
278	166	355	M+ A	+162.63	+7.36	+789.09	+173.17	+112.33	+0.00
278	165	0	M- A	+0.00	+0.00	-407.16	-495.86	+0.00	-1.69
278	166	355	M- A	+0.00	+0.00	-451.56	-495.86	+0.00	-1.69
279	166	0	0 G	+82.99	+3.36	+370.56	-195.90	+85.54	-1.11
279	167	355	0 G	+82.99	+7.30	+57.84	-195.90	+90.65	-1.11
279		0	1 Q1	+6.61	+0.96	-389.34	+149.92	-13.14	-0.39
279		355	1 Q1	+6.61	+2.35	-342.67	+149.92	-13.14	-0.39
279		0	11 M1	-5.95	+0.43	+21.96	+110.57	-6.18	-0.21
279		355	11 M1	-5.95	+1.18	+43.89	+110.57	-6.18	-0.21
279		0	12 M2	+20.12	+0.82	+113.72	-157.03	+30.25	-0.27
279		355	12 M2	+20.12	+1.76	+6.32	-157.03	+30.25	-0.27
279		0	13 M3	+10.03	+0.57	-197.68	+48.23	-11.90	-0.18
279		355	13 M3	+10.03	+1.20	-155.44	+48.23	-11.90	-0.18
279		0	14 M4	+1.23	-0.02	-4.19	-20.32	+1.23	+0.02
279		355	14 M4	+1.23	-0.09	-8.55	-20.32	+1.23	+0.02
279		0	15 M5	-2.88	+0.30	+10.79	+56.29	-3.04	-0.14
279		355	15 M5	-2.88	+0.78	+21.57	+56.29	-3.04	-0.14
279		0	16 M6	+13.77	+1.06	+82.90	-31.37	+15.69	-0.43
279		355	16 M6	+13.77	+2.60	+27.19	-31.37	+15.69	-0.43
279		0	17 M7	+28.89	+0.86	+197.49	-137.79	+47.38	-0.20
279		355	17 M7	+28.89	+1.56	+29.29	-137.79	+47.38	-0.20
279	166	0	M+ A	+162.63	+7.36	+789.09	+172.34	+184.83	+0.00
279	167	355	M+ A	+162.63	+16.79	+142.76	+172.34	+191.64	+0.00
279	166	0	M- A	+0.00	+0.00	-451.56	-496.10	+0.00	-2.66
279	167	355	M- A	+0.00	+0.00	-637.94	-496.10	+0.00	-2.66
280	167	0	0 G	+82.99	+7.30	+57.84	-196.16	+128.01	+0.77
280	168	355	0 G	+82.99	+4.57	-405.68	-196.16	+133.12	+0.77
280		0	1 Q1	+6.61	+2.35	-342.67	+149.70	-13.18	+0.24
280		355	1 Q1	+6.61	+1.50	-295.89	+149.70	-13.18	+0.24
280		0	11 M1	-5.95	+1.18	+43.89	+110.44	-6.32	+0.10
280		355	11 M1	-5.95	+0.81	+66.33	+110.44	-6.32	+0.10
280		0	12 M2	+20.12	+1.76	+6.32	-157.02	+30.58	+0.16
280		355	12 M2	+20.12	+1.18	-102.24	-157.02	+30.58	+0.16
280		0	13 M3	+10.03	+1.20	-155.44	+48.14	-2.99	+0.14
280		355	13 M3	+10.03	+0.70	-144.83	+48.14	-2.99	+0.14
280		0	14 M4	+1.23	-0.09	-8.55	-20.31	+1.26	-0.00
280		355	14 M4	+1.23	-0.07	-13.01	-20.31	+1.26	-0.00
280		0	15 M5	-2.88	+0.78	+21.57	+56.21	-3.11	+0.08
280		355	15 M5	-2.88	+0.51	+32.60	+56.21	-3.11	+0.08
280		0	16 M6	+13.77	+2.60	+27.19	-31.48	+15.85	+0.23
280		355	16 M6	+13.77	+1.79	-29.06	-31.48	+15.85	+0.23
280		0	17 M7	+28.89	+1.56	+29.29	-137.78	+71.02	+0.20
280		355	17 M7	+28.89	+0.84	-222.84	-137.78	+71.02	+0.20
280	167	0	M+ A	+162.63	+16.79	+142.76	+171.60	+276.79	+1.69
280	168	355	M+ A	+162.63	+10.78	+0.00	+171.60	+283.59	+1.69
280	167	0	M- A	+0.00	+0.00	-637.94	-496.42	+0.00	+0.00
280	168	355	M- A	+0.00	+0.00	-1273.26	-496.42	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
281	168	0	0 G	+82.99	+4.57	-405.68	-196.43	+172.63	+10.21
281	169	355	0 G	+82.99	-31.69	-1027.60	-196.43	+177.75	+10.21
281		0	1 Q1	+6.61	+1.50	-295.89	+149.53	-13.29	+3.16
281		355	1 Q1	+6.61	-9.74	-248.70	+149.53	-13.29	+3.16
281		0	11 M1	-5.95	+0.81	+66.33	+110.34	-6.66	+1.49
281		355	11 M1	-5.95	-4.47	+89.98	+110.34	-6.66	+1.49
281		0	12 M2	+20.12	+1.18	-102.24	-157.04	+31.37	+2.39
281		355	12 M2	+20.12	-7.30	-213.59	-157.04	+31.37	+2.39
281		0	13 M3	+10.03	+0.70	-144.83	+48.06	+21.37	+1.71
281		355	13 M3	+10.03	-5.36	-220.70	+48.06	+21.37	+1.71
281		0	14 M4	+1.23	-0.07	-13.01	-20.30	+1.33	-0.10
281		355	14 M4	+1.23	+0.27	-17.72	-20.30	+1.33	-0.10
281		0	15 M5	-2.88	+0.51	+32.60	+56.15	-3.27	+1.03
281		355	15 M5	-2.88	-3.13	+44.20	+56.15	-3.27	+1.03
281		0	16 M6	+13.77	+1.79	-29.06	-31.59	+16.15	+3.41
281		355	16 M6	+13.77	-10.33	-86.39	-31.59	+16.15	+3.41
281		0	17 M7	+28.89	+0.84	-222.84	-137.81	+80.60	+2.35
281		355	17 M7	+28.89	-7.48	-508.96	-137.81	+80.60	+2.35
281	168	0	M+ A	+162.63	+10.78	+0.00	+170.94	+350.49	+22.98
281	169	355	M+ A	+162.63	+0.00	+0.00	+170.94	+357.30	+22.98
281	168	0	M- A	+0.00	+0.00	-1273.26	-496.80	+0.00	+0.00
281	169	355	M- A	+0.00	-70.79	-2465.88	-496.80	+0.00	+0.00
282	169	0	0 G	+82.99	-31.69	-1027.60	-196.70	+183.67	+28.59
282	170	355	0 G	+82.99	-133.20	-1690.40	-196.70	+189.74	+28.59
282		0	1 Q1	+6.61	-9.74	-248.70	+149.40	-13.88	+8.46
282		355	1 Q1	+6.61	-39.77	-199.43	+149.40	-13.88	+8.46
282		0	11 M1	-5.95	-4.47	+89.98	+110.27	-4.09	+3.85
282		355	11 M1	-5.95	-18.12	+104.48	+110.27	-4.09	+3.85
282		0	12 M2	+20.12	-7.30	-213.59	-157.08	+25.72	+6.81
282		355	12 M2	+20.12	-31.48	-304.90	-157.08	+25.72	+6.81
282		0	13 M3	+10.03	-5.36	-220.70	+48.00	+27.47	+4.68
282		355	13 M3	+10.03	-21.98	-318.22	+48.00	+27.47	+4.68
282		0	14 M4	+1.23	+0.27	-17.72	-20.29	+0.80	-0.23
282		355	14 M4	+1.23	+1.09	-20.55	-20.29	+0.80	-0.23
282		0	15 M5	-2.88	-3.13	+44.20	+56.11	-2.04	+2.68
282		355	15 M5	-2.88	-12.64	+51.44	+56.11	-2.04	+2.68
282		0	16 M6	+13.77	-10.33	-86.39	-31.68	+13.94	+9.36
282		355	16 M6	+13.77	-43.56	-135.87	-31.68	+13.94	+9.36
282		0	17 M7	+28.89	-7.48	-508.96	-137.85	+86.29	+6.73
282		355	17 M7	+28.89	-31.36	-815.27	-137.85	+86.29	+6.73
282	169	0	M+ A	+162.63	+0.00	+0.00	+170.41	+373.71	+63.49
282	170	355	M+ A	+162.63	+0.00	+0.00	+170.41	+381.79	+63.49
282	169	0	M- A	+0.00	-70.79	-2465.88	-497.22	+0.00	+0.00
282	170	355	M- A	+0.00	-296.17	-3740.37	-497.22	+0.00	+0.00
283	170	0	0 G	-85.78	+113.33	-1756.69	-295.26	-206.66	+25.03
283	171	321	0 G	-85.78	+32.99	-1102.14	-295.26	-201.16	+25.03
283		0	1 Q1	-7.02	+40.46	-727.88	+178.09	-191.04	+9.02
283		321	1 Q1	-7.02	+11.49	-114.62	+178.09	-191.04	+9.02
283		0	11 M1	+8.78	+21.41	+29.52	+102.66	-18.60	+4.79
283		321	11 M1	+8.78	+6.04	+89.22	+102.66	-18.60	+4.79
283		0	12 M2	-19.11	+26.03	-109.01	-205.59	+36.73	+5.71
283		321	12 M2	-19.11	+7.70	-226.91	-205.59	+36.73	+5.71
283		0	13 M3	-8.86	+19.55	-593.68	+64.60	-129.69	+4.37
283		321	13 M3	-8.86	+5.53	-177.39	+64.60	-129.69	+4.37
283		0	14 M4	-1.80	-1.71	-5.76	-21.00	+3.83	-0.39
283		321	14 M4	-1.80	-0.45	-18.06	-21.00	+3.83	-0.39
283		0	15 M5	+4.17	+14.30	+14.55	+48.98	-8.83	+3.18
283		321	15 M5	+4.17	+4.10	+42.88	+48.98	-8.83	+3.18
283		0	16 M6	-7.34	+42.32	-51.76	-78.47	+13.99	+9.38
283		321	16 M6	-7.34	+12.22	-96.66	-78.47	+13.99	+9.38
283		0	17 M7	-34.67	+22.13	-819.59	-160.69	-86.10	+4.91
283		321	17 M7	-34.67	+6.36	-543.22	-160.69	-86.10	+4.91
283	170	0	M+ A	+0.00	+268.83	+0.00	+99.16	+0.00	+59.53
283	171	321	M+ A	+0.00	+77.73	+0.00	+99.16	+0.00	+59.53
283	170	0	M- A	-175.56	+0.00	-4548.41	-701.08	-727.29	+0.00
283	171	321	M- A	-175.56	+0.00	-2435.42	-701.08	-719.98	+0.00
284	170	0	0 G	+8.98	+393.74	+64.93	-405.55	+6.76	+27.62
284	262	753	0 G	+8.98	+185.76	+14.00	-396.75	+6.76	+27.62
284		0	1 Q1	+3.00	-4.01	+545.43	+132.61	+62.97	-0.62
284		753	1 Q1	+3.00	+0.65	+71.25	+132.61	+62.97	-0.62
284		0	11 M1	+1.08	-51.81	+73.63	+98.14	+9.14	-3.86
284		753	11 M1	+1.08	-22.77	+4.79	+98.14	+9.14	-3.86
284		0	12 M2	+1.70	+111.32	-196.04	-199.26	-24.08	+8.18
284		753	12 M2	+1.70	+49.69	-14.72	-199.26	-24.08	+8.18
284		0	13 M3	+1.27	+42.72	+294.97	+36.55	+34.26	+2.89
284		753	13 M3	+1.27	+20.96	+36.96	+36.55	+34.26	+2.89
284		0	14 M4	+0.04	+10.64	-14.92	-20.14	-1.85	+0.79
284		753	14 M4	+0.04	+4.68	-0.96	-20.14	-1.85	+0.79
284		0	15 M5	+1.01	-24.60	+35.35	+46.75	+4.38	-1.83
284		753	15 M5	+1.01	-10.81	+2.34	+46.75	+4.38	-1.83
284		0	16 M6	+2.03	+41.55	-85.35	-77.40	-10.48	+2.98
284		753	16 M6	+2.03	+19.14	-6.46	-77.40	-10.48	+2.98
284		0	17 M7	+2.27	+160.68	+4.95	-180.34	+0.13	+11.41
284		753	17 M7	+2.27	+74.75	+3.95	-180.34	+0.13	+11.41
284	170	0	M+ A	+19.39	+764.69	+1265.13	+0.00	+145.40	+53.85
284	262	753	M+ A	+19.39	+360.07	+170.26	+0.00	+145.40	+53.85
284	170	0	M- A	+0.00	+0.00	-229.13	-838.27	-29.36	+0.00
284	262	753	M- A	+0.00	+0.00	-8.08	-826.57	-29.36	+0.00
285	171	0	0 G	-85.78	+32.99	-1102.14	-295.56	-200.43	+11.14
285	172	322	0 G	-85.78	-2.88	-464.22	-295.56	-195.79	+11.14
285		0	1 Q1	-7.02	+11.49	-114.62	+178.04	-172.91	+3.81
285		322	1 Q1	-7.02	-0.79	+442.13	+178.04	-172.91	+3.81
285		0	11 M1	+8.78	+6.04	+89.22	+102.64	-15.62	+1.96
285		322	11 M1	+8.78	-0.28	+139.51	+102.64	-15.62	+1.96
285		0	12 M2	-19.11	+7.70	-226.91	-205.69	+30.17	+2.59
285		322	12 M2	-19.11	-0.63	-324.06	-205.69	+30.17	+2.59
285		0	13 M3	-8.86	+5.53	-177.39	+64.57	-113.88	+1.90
285		322	13 M3	-8.86	-0.57	+189.32	+64.57	-113.88	+1.90
285		0	14 M4	-1.80	-0.45	-18.06	-21.00	+3.22	-0.15
285		322	14 M4	-1.80	+0.03	-28.43	-21.00	+3.22	-0.15
285		0	15 M5	+4.17	+4.10	+42.88	+48.96	-7.40	+1.32
285		322	15 M5	+4.17	-0.15	+66.72	+48.96	-7.40	+1.32
285		0	16 M6	-7.34	+12.22	-96.66	-78.57	+11.41	+4.04
285		322	16 M6	-7.34	-0.80	-133.40	-78.57	+11.41	+4.04
285		0	17 M7	-34.67	+6.36	-543.22	-160.77	-82.21	+2.28
285		322	17 M7	-34.67	-0.99	-278.50	-160.77	-82.21	+2.28
285	171	0	M+ A	+0.00	+77.73	+0.00	+98.76	+0.00	+26.03

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
285	172	322	M+ A	+0.00	+0.00	+416.63	+98.76	+0.00	+26.03
285	171	0	M- A	-175.56	+0.00	-2435.42	-701.62	-670.82	+0.00
285	172	322	M- A	-175.56	-6.37	-1103.50	-701.62	-664.65	+0.00
286	172	0	0 G	-85.78	-2.88	-464.22	-295.93	-158.42	+1.65
286	173	321	0 G	-85.78	-8.16	+36.87	-295.93	-153.79	+1.65
286		0	1 Q1	-7.02	-0.79	+442.13	+178.02	-146.55	+0.55
286		321	1 Q1	-7.02	-2.56	+912.55	+178.02	-146.55	+0.55
286		0	11 M1	+8.78	-0.28	+139.51	+102.63	-15.89	+0.29
286		321	11 M1	+8.78	-1.20	+190.51	+102.63	-15.89	+0.29
286		0	12 M2	-19.11	-0.63	-324.06	-205.83	+30.77	+0.40
286		321	12 M2	-19.11	-1.90	-422.84	-205.83	+30.77	+0.40
286		0	13 M3	-8.86	-0.57	+189.32	+64.55	-88.50	+0.27
286		321	13 M3	-8.86	-1.42	+473.41	+64.55	-88.50	+0.27
286		0	14 M4	-1.80	+0.03	-28.43	-21.00	+3.28	-0.02
286		321	14 M4	-1.80	+0.10	-38.95	-21.00	+3.28	-0.02
286		0	15 M5	+4.17	-0.15	+66.72	+48.95	-7.54	+0.20
286		321	15 M5	+4.17	-0.78	+90.91	+48.95	-7.54	+0.20
286		0	16 M6	-7.34	-0.80	-133.40	-78.69	+11.66	+0.61
286		321	16 M6	-7.34	-2.74	-170.82	-78.69	+11.66	+0.61
286		0	17 M7	-34.67	-0.99	-278.50	-160.89	-73.82	+0.32
286		321	17 M7	-34.67	-2.00	-41.54	-160.89	-73.82	+0.32
286	172	0	M+ A	+0.00	+0.00	+416.63	+98.35	+0.00	+3.84
286	173	321	M+ A	+0.00	+0.00	+1991.09	+98.35	+0.00	+3.84
286	172	0	M- A	-175.56	-6.37	-1103.50	-702.33	-541.28	+0.00
286	173	321	M- A	-175.56	-18.42	-597.39	-702.33	-535.13	+0.00
287	173	0	0 G	-85.78	-8.16	+36.87	-296.36	-117.23	-1.26
287	174	322	0 G	-85.78	-4.09	+406.90	-296.36	-112.60	-1.26
287		0	1 Q1	-7.02	-2.56	+912.55	+178.04	-120.29	-0.38
287		322	1 Q1	-7.02	-1.35	+1299.89	+178.04	-120.29	-0.38
287		0	11 M1	+8.78	-1.20	+190.51	+102.65	-16.08	-0.17
287		322	11 M1	+8.78	-0.67	+242.28	+102.65	-16.08	-0.17
287		0	12 M2	-19.11	-1.90	-422.84	-206.01	+31.18	-0.29
287		322	12 M2	-19.11	-0.97	-523.24	-206.01	+31.18	-0.29
287		0	13 M3	-8.86	-1.42	+473.41	+64.55	-76.41	-0.22
287		322	13 M3	-8.86	-0.71	+719.44	+64.55	-76.41	-0.22
287		0	14 M4	-1.80	+0.10	-38.95	-21.01	+3.31	+0.01
287		322	14 M4	-1.80	+0.06	-49.62	-21.01	+3.31	+0.01
287		0	15 M5	+4.17	-0.78	+90.91	+48.95	-7.63	-0.11
287		322	15 M5	+4.17	-0.42	+115.47	+48.95	-7.63	-0.11
287		0	16 M6	-7.34	-2.74	-170.82	-78.83	+11.81	-0.40
287		322	16 M6	-7.34	-1.45	-208.84	-78.83	+11.81	-0.40
287		0	17 M7	-34.67	-2.00	-41.54	-161.03	-57.09	-0.32
287		322	17 M7	-34.67	-0.96	+142.30	-161.03	-57.09	-0.32
287	173	0	M+ A	+0.00	+0.00	+1991.09	+97.97	+0.00	+0.00
287	174	322	M+ A	+0.00	+0.00	+3375.18	+97.97	+0.00	+0.00
287	173	0	M- A	-175.56	-18.42	-597.39	-703.17	-432.93	-2.79
287	174	322	M- A	-175.56	-9.45	-377.96	-703.17	-426.76	-2.79
288	174	0	0 G	-85.78	-4.09	+406.90	-296.84	-77.89	-1.17
288	175	321	0 G	-85.78	-0.34	+649.49	-296.84	-73.26	-1.17
288		0	1 Q1	-7.02	-1.35	+1299.89	+178.10	-94.60	-0.32
288		321	1 Q1	-7.02	-0.32	+1603.55	+178.10	-94.60	-0.32
288		0	11 M1	+8.78	-0.67	+242.28	+102.69	-16.11	-0.13
288		321	11 M1	+8.78	-0.24	+293.98	+102.69	-16.11	-0.13
288		0	12 M2	-19.11	-0.97	-523.24	-206.23	+31.24	-0.28
288		321	12 M2	-19.11	-0.08	-623.51	-206.23	+31.24	-0.28
288		0	13 M3	-8.86	-0.71	+719.44	+64.56	-67.07	-0.21
288		321	13 M3	-8.86	-0.05	+934.72	+64.56	-67.07	-0.21
288		0	14 M4	-1.80	+0.06	-49.62	-21.03	+3.32	+0.01
288		321	14 M4	-1.80	+0.04	-60.28	-21.03	+3.32	+0.01
288		0	15 M5	+4.17	-0.42	+115.47	+48.96	-7.64	-0.09
288		321	15 M5	+4.17	-0.12	+140.00	+48.96	-7.64	-0.09
288		0	16 M6	-7.34	-1.45	-208.84	-78.98	+11.83	-0.36
288		321	16 M6	-7.34	-0.30	-246.81	-78.98	+11.83	-0.36
288		0	17 M7	-34.67	-0.96	+142.30	-161.21	-30.90	-0.31
288		321	17 M7	-34.67	+0.05	+241.48	-161.21	-30.90	-0.31
288	174	0	M+ A	+0.00	+0.00	+3375.18	+97.62	+0.00	+0.00
288	175	321	M+ A	+0.00	+0.00	+4430.69	+97.62	+0.00	+0.00
288	174	0	M- A	-175.56	-9.45	-377.96	-704.14	-331.89	-2.53
288	175	321	M- A	-175.56	-1.32	-285.78	-704.14	-325.75	-2.53
289	175	0	0 G	-85.78	-0.34	+649.49	-297.38	-39.11	-0.51
289	176	322	0 G	-85.78	+1.29	+767.96	-297.38	-34.47	-0.51
289		0	1 Q1	-7.02	-0.32	+1603.55	+178.20	-69.13	-0.11
289		322	1 Q1	-7.02	+0.03	+1826.14	+178.20	-69.13	-0.11
289		0	11 M1	+8.78	-0.24	+293.98	+102.75	-16.11	-0.04
289		322	11 M1	+8.78	-0.11	+345.86	+102.75	-16.11	-0.04
289		0	12 M2	-19.11	-0.08	-623.51	-206.50	+31.24	-0.13
289		322	12 M2	-19.11	+0.35	-724.10	-206.50	+31.24	-0.13
289		0	13 M3	-8.86	-0.05	+934.72	+64.59	-44.40	-0.10
289		322	13 M3	-8.86	+0.27	+1077.67	+64.59	-44.40	-0.10
289		0	14 M4	-1.80	+0.04	-60.28	-21.04	+3.32	+0.00
289		322	14 M4	-1.80	+0.03	-70.97	-21.04	+3.32	+0.00
289		0	15 M5	+4.17	-0.12	+140.00	+48.98	-7.65	-0.03
289		322	15 M5	+4.17	-0.03	+164.62	+48.98	-7.65	-0.03
289		0	16 M6	-7.34	-0.30	-246.81	-79.15	+11.83	-0.15
289		322	16 M6	-7.34	+0.17	-284.90	-79.15	+11.83	-0.15
289		0	17 M7	-34.67	+0.05	+241.48	-161.42	-5.86	-0.16
289		322	17 M7	-34.67	+0.56	+260.34	-161.42	-5.86	-0.16
289	175	0	M+ A	+0.00	+0.00	+4430.69	+97.31	+7.75	+0.00
289	176	322	M+ A	+0.00	+2.60	+5103.19	+97.31	+12.38	+0.00
289	175	0	M- A	-175.56	-1.32	-285.78	-705.26	-211.94	-1.06
289	176	322	M- A	-175.56	+0.00	-318.19	-705.26	-205.77	-1.06
290	176	0	0 G	-85.78	+1.29	+767.96	-297.99	-0.38	-0.35
290	177	321	0 G	-85.78	+2.43	+761.75	-297.99	+4.25	-0.35
290		0	1 Q1	-7.02	+0.03	+1826.14	+178.33	-44.06	-0.03
290		321	1 Q1	-7.02	+0.14	+1967.59	+178.33	-44.06	-0.03
290		0	11 M1	+8.78	-0.11	+345.86	+102.83	-16.21	+0.03
290		321	11 M1	+8.78	-0.19	+397.90	+102.83	-16.21	+0.03
290		0	12 M2	-19.11	+0.35	-724.10	-206.81	+31.45	-0.08
290		321	12 M2	-19.11	+0.60	-825.04	-206.81	+31.45	-0.08
290		0	13 M3	-8.86	+0.27	+1077.67	+64.63	-20.59	-0.06
290		321	13 M3	-8.86	+0.44	+1143.76	+64.63	-20.59	-0.06
290		0	14 M4	-1.80	+0.03	-70.97	-21.07	+3.34	-0.01
290		321	14 M4	-1.80	+0.05	-81.69	-21.07	+3.34	-0.01
290		0	15 M5	+4.17	-0.03	+164.62	+49.01	-7.70	+0.01
290		321	15 M5	+4.17	-0.07	+189.33	+49.01	-7.70	+0.01
290		0	16 M6	-7.34	+0.17	-284.90	-79.34	+11.91	-0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
290		321	16 M6	-7.34	+0.31	-323.12	-79.34	+11.91	-0.04
290		0	17 M7	-34.67	+0.56	+260.34	-161.66	+5.17	-0.15
290		321	17 M7	-34.67	+1.05	+243.75	-161.66	+5.17	-0.15
290	176	0	M+ A	+0.00	+2.60	+5103.19	+97.01	+46.79	+0.00
290	177	321	M+ A	+0.00	+4.99	+5385.02	+97.01	+52.82	+0.00
290	176	0	M- A	-175.56	+0.00	-318.19	-706.54	-90.87	-0.75
290	177	321	M- A	-175.56	+0.00	-475.81	-706.54	-86.12	-0.75
291	177	0	0 G	-85.78	+2.43	+761.75	-298.67	+38.64	-1.68
291	178	321	0 G	-85.78	+7.81	+629.34	-298.67	+43.86	-1.68
291		0	1 Q1	-7.02	+0.14	+1967.59	+178.50	-18.50	-0.25
291		321	1 Q1	-7.02	+0.96	+2026.99	+178.50	-18.50	-0.25
291		0	11 M1	+8.78	-0.19	+397.90	+102.94	-16.23	+0.12
291		321	11 M1	+8.78	-0.59	+450.02	+102.94	-16.23	+0.12
291		0	12 M2	-19.11	+0.60	-825.04	-207.16	+31.48	-0.29
291		321	12 M2	-19.11	+1.54	-926.10	-207.16	+31.48	-0.29
291		0	13 M3	-8.86	+0.44	+1143.76	+64.68	+6.68	-0.17
291		321	13 M3	-8.86	+1.01	+1122.31	+64.68	+6.68	-0.17
291		0	14 M4	-1.80	+0.05	-81.69	-21.09	+3.34	-0.02
291		321	14 M4	-1.80	+0.12	-92.43	-21.09	+3.34	-0.02
291		0	15 M5	+4.17	-0.07	+189.33	+49.05	-7.71	+0.07
291		321	15 M5	+4.17	-0.29	+214.07	+49.05	-7.71	+0.07
291		0	16 M6	-7.34	+0.31	-323.12	-79.54	+11.92	-0.14
291		321	16 M6	-7.34	+0.76	-361.38	-79.54	+11.92	-0.14
291		0	17 M7	-34.67	+1.05	+243.75	-161.95	+14.63	-0.66
291		321	17 M7	-34.67	+3.18	+196.80	-161.95	+14.63	-0.66
291	177	0	M+ A	+0.00	+4.99	+5385.02	+96.72	+98.61	+0.00
291	178	321	M+ A	+0.00	+16.45	+5256.92	+96.72	+105.56	+0.00
291	177	0	M- A	-175.56	+0.00	-475.81	-707.97	-10.70	-3.57
291	178	321	M- A	-175.56	+0.00	-759.81	-707.97	-5.47	-3.57
292	178	0	0 G	-85.78	+7.81	+629.34	-299.41	+78.75	-5.15
292	179	322	0 G	-85.78	+24.39	+367.32	-299.41	+84.00	-5.15
292		0	1 Q1	-7.02	+0.96	+2026.99	+178.71	+7.81	-0.83
292		322	1 Q1	-7.02	+3.63	+2001.84	+178.71	+7.81	-0.83
292		0	11 M1	+8.78	-0.59	+450.02	+103.06	-16.15	+0.34
292		322	11 M1	+8.78	-1.67	+502.03	+103.06	-16.15	+0.34
292		0	12 M2	-19.11	+1.54	-926.10	-207.56	+31.30	-0.89
292		322	12 M2	-19.11	+4.42	-1026.89	-207.56	+31.30	-0.89
292		0	13 M3	-8.86	+1.01	+1122.31	+64.74	+24.25	-0.52
292		322	13 M3	-8.86	+2.69	+1044.22	+64.74	+24.25	-0.52
292		0	14 M4	-1.80	+0.12	-92.43	-21.13	+3.33	-0.06
292		322	14 M4	-1.80	+0.32	-103.14	-21.13	+3.33	-0.06
292		0	15 M5	+4.17	-0.29	+214.07	+49.10	-7.67	+0.18
292		322	15 M5	+4.17	-0.88	+238.77	+49.10	-7.67	+0.18
292		0	16 M6	-7.34	+0.76	-361.38	-79.76	+11.84	-0.47
292		322	16 M6	-7.34	+2.28	-399.51	-79.76	+11.84	-0.47
292		0	17 M7	-34.67	+3.18	+196.80	-162.27	+37.78	-1.98
292		322	17 M7	-34.67	+9.57	+75.15	-162.27	+37.78	-1.98
292	178	0	M+ A	+0.00	+16.45	+5256.92	+96.44	+171.95	+0.00
292	179	322	M+ A	+0.00	+51.69	+4757.35	+96.44	+178.93	+0.00
292	178	0	M- A	-175.56	+0.00	-759.81	-709.56	+0.00	-10.95
292	179	322	M- A	-175.56	+0.00	-1173.02	-709.56	+0.00	-10.95
293	179	0	0 G	-91.90	-14.33	+801.05	+6.40	-30.98	-3.52
293	180	321	0 G	-91.90	-3.02	+892.10	+6.40	-25.75	-3.52
293		0	1 Q1	-13.15	-2.69	+2390.58	-1.88	+97.75	-0.61
293		321	1 Q1	-13.15	-0.74	+2076.81	-1.88	+97.75	-0.61
293		0	11 M1	+7.59	+0.84	+507.28	-1.16	+31.70	+0.22
293		321	11 M1	+7.59	+0.12	+405.52	-1.16	+31.70	+0.22
293		0	12 M2	-17.22	-2.25	-1045.59	+3.45	-65.33	-0.59
293		321	12 M2	-17.22	-0.35	-835.87	+3.45	-65.33	-0.59
293		0	13 M3	-9.07	-1.38	+1302.69	-0.57	+54.09	-0.33
293		321	13 M3	-9.07	-0.32	+1129.07	-0.57	+54.09	-0.33
293		0	14 M4	-1.53	-0.15	-104.18	+0.28	-6.51	-0.04
293		321	14 M4	-1.53	-0.01	-83.28	+0.28	-6.51	-0.04
293		0	15 M5	+3.69	+0.46	+241.32	-0.48	+15.08	+0.12
293		321	15 M5	+3.69	+0.09	+192.91	-0.48	+15.08	+0.12
293		0	16 M6	-7.15	-1.21	-408.27	+1.85	-25.51	-0.31
293		321	16 M6	-7.15	-0.21	-326.39	+1.85	-25.51	-0.31
293		0	17 M7	-36.87	-5.43	+313.04	+2.79	-25.98	-1.35
293		321	17 M7	-36.87	-1.10	+396.44	+2.79	-25.98	-1.35
293	179	0	M+ A	+0.00	+0.00	+6246.73	+13.68	+182.11	+0.00
293	180	321	M+ A	+0.00	+0.00	+5683.79	+13.68	+187.34	+0.00
293	179	0	M- A	-195.28	-30.83	-767.34	+0.00	-139.20	-7.53
293	180	321	M- A	-195.28	-6.67	-361.71	+0.00	-132.24	-7.53
294	179	0	0 G	+7.26	-38.53	+433.73	+339.16	-38.01	-2.80
294	190	341	0 G	+7.26	-28.95	+297.63	+340.44	-41.58	-2.80
294		0	1 Q1	-3.65	-8.01	+388.75	-191.78	-0.66	-0.39
294		341	1 Q1	-3.65	-6.66	+386.48	-191.78	-0.66	-0.39
294		0	11 M1	-1.96	+1.96	+5.24	-114.37	+9.94	+0.18
294		341	11 M1	-1.96	+1.34	+39.25	-114.37	+9.94	+0.18
294		0	12 M2	+4.03	-5.64	-18.70	+231.61	-19.83	-0.53
294		341	12 M2	+4.03	-3.82	-86.53	+231.61	-19.83	-0.53
294		0	13 M3	+1.18	-3.91	+258.47	-67.38	-5.75	-0.31
294		341	13 M3	+1.18	-2.85	+238.80	-67.38	-5.75	-0.31
294		0	14 M4	+0.41	-0.35	-1.04	+23.50	-2.04	-0.03
294		341	14 M4	+0.41	-0.24	-8.03	+23.50	-2.04	-0.03
294		0	15 M5	-0.90	+1.10	+2.55	-54.40	+4.73	+0.10
294		341	15 M5	-0.90	+0.75	+18.71	-54.40	+4.73	+0.10
294		0	16 M6	+1.36	-3.22	-8.76	+89.63	-7.62	-0.30
294		341	16 M6	+1.36	-2.18	-34.83	+89.63	-7.62	-0.30
294		0	17 M7	+2.97	-14.86	+237.89	+185.40	-27.35	-1.07
294		341	17 M7	+2.97	-11.20	+144.36	+185.40	-27.35	-1.07
294	179	0	M+ A	+15.70	+0.00	+1489.38	+798.50	+0.00	+0.00
294	190	341	M+ A	+15.70	+0.00	+1275.80	+800.20	+0.00	+0.00
294	179	0	M- A	-0.61	-84.35	-0.00	-91.31	-92.47	-5.86
294	190	341	M- A	-0.61	-64.30	-0.00	-90.03	-97.22	-5.86
295	180	0	0 G	-91.90	-3.02	+892.10	+5.59	+8.52	-1.28
295	181	322	0 G	-91.90	+1.11	+857.19	+5.59	+13.16	-1.28
295		0	1 Q1	-13.15	-0.74	+2076.81	-1.64	+122.98	-0.21
295		322	1 Q1	-13.15	-0.06	+1680.81	-1.64	+122.98	-0.21
295		0	11 M1	+7.59	+0.12	+405.52	-1.01	+31.63	+0.08
295		322	11 M1	+7.59	-0.13	+303.69	-1.01	+31.63	+0.08
295		0	12 M2	-17.22	-0.35	-835.87	+3.01	-65.18	-0.23
295		322	12 M2	-17.22	+0.39	-625.98	+3.01	-65.18	-0.23
295		0	13 M3	-9.07	-0.32	+1129.07	-0.50	+66.52	-0.10
295		322	13 M3	-9.07	+0.02	+914.89	-0.50	+66.52	-0.10
295		0	14 M4	-1.53	-0.01	-83.28	+0.25	-6.49	-0.02

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
295		322	14 M4	-1.53	+0.03	-62.37	+0.25	-6.49	-0.02
295		0	15 M5	+3.69	+0.09	+192.91	-0.42	+15.05	+0.04
295		322	15 M5	+3.69	-0.05	+144.47	-0.42	+15.05	+0.04
295		0	16 M6	-7.15	-0.21	-326.39	+1.61	-25.45	-0.13
295		322	16 M6	-7.15	+0.20	-244.43	+1.61	-25.45	-0.13
295		0	17 M7	-36.87	-1.10	+396.44	+2.43	+0.62	-0.48
295		322	17 M7	-36.87	+0.45	+394.45	+2.43	+0.62	-0.48
295	180	0	M+ A	+0.00	+0.00	+5683.79	+11.95	+277.13	+0.00
295	181	322	M+ A	+0.00	+2.15	+4781.49	+11.95	+283.30	+0.00
295	180	0	M- A	-195.28	-6.67	-361.71	+0.00	-89.25	-2.71
295	181	322	M- A	-195.28	+0.00	-81.79	+0.00	-84.61	-2.71
296	181	0	0 G	-91.90	+1.11	+857.19	+4.78	+47.52	+0.01
296	182	321	0 G	-91.90	+1.08	+697.22	+4.78	+52.14	+0.01
296		0	1 Q1	-13.15	-0.06	+1680.81	-1.41	+148.21	-0.04
296		321	1 Q1	-13.15	+0.06	+1205.05	-1.41	+148.21	-0.04
296		0	11 M1	+7.59	-0.13	+303.69	-0.86	+31.50	-0.01
296		321	11 M1	+7.59	-0.09	+202.59	-0.86	+31.50	-0.01
296		0	12 M2	-17.22	+0.39	-625.98	+2.58	-64.92	+0.03
296		321	12 M2	-17.22	+0.29	-417.60	+2.58	-64.92	+0.03
296		0	13 M3	-9.07	+0.02	+914.89	-0.43	+87.38	-0.01
296		321	13 M3	-9.07	+0.04	+634.40	-0.43	+87.38	-0.01
296		0	14 M4	-1.53	+0.03	-62.37	+0.21	-6.47	+0.00
296		321	14 M4	-1.53	+0.02	-41.61	+0.21	-6.47	+0.00
296		0	15 M5	+3.69	-0.05	+144.47	-0.36	+14.98	-0.01
296		321	15 M5	+3.69	-0.03	+96.37	-0.36	+14.98	-0.01
296		0	16 M6	-7.15	+0.20	-244.43	+1.38	-25.35	+0.01
296		321	16 M6	-7.15	+0.17	-163.07	+1.38	-25.35	+0.01
296		0	17 M7	-36.87	+0.45	+394.45	+2.08	+17.77	+0.02
296		321	17 M7	-36.87	+0.40	+337.42	+2.08	+17.77	+0.02
296	181	0	M+ A	+0.00	+2.15	+4781.49	+10.22	+394.36	+0.06
296	182	321	M+ A	+0.00	+2.12	+3505.73	+10.22	+400.51	+0.06
296	181	0	M- A	-195.28	+0.00	-81.79	+0.00	-49.85	-0.06
296	182	321	M- A	-195.28	+0.00	+0.00	+0.00	-45.23	-0.06
297	182	0	0 G	-91.90	+1.08	+697.22	+3.97	+87.44	+0.84
297	183	322	0 G	-91.90	-1.62	+408.19	+3.97	+92.08	+0.84
297		0	1 Q1	-13.15	+0.06	+1205.05	-1.17	+174.83	-0.18
297		322	1 Q1	-13.15	+0.65	+642.10	-1.17	+174.83	-0.18
297		0	11 M1	+7.59	-0.09	+202.59	-0.72	+31.44	-0.14
297		322	11 M1	+7.59	+0.35	+101.35	-0.72	+31.44	-0.14
297		0	12 M2	-17.22	+0.29	-417.60	+2.14	-64.80	+0.40
297		322	12 M2	-17.22	-1.00	-208.95	+2.14	-64.80	+0.40
297		0	13 M3	-9.07	+0.04	+634.40	-0.36	+98.45	-0.05
297		322	13 M3	-9.07	+0.20	+317.40	-0.36	+98.45	-0.05
297		0	14 M4	-1.53	+0.02	-41.61	+0.18	-6.46	+0.03
297		322	14 M4	-1.53	-0.08	-20.82	+0.18	-6.46	+0.03
297		0	15 M5	+3.69	-0.03	+96.37	-0.30	+14.96	-0.06
297		322	15 M5	+3.69	+0.15	+48.21	-0.30	+14.96	-0.06
297		0	16 M6	-7.15	+0.17	-163.07	+1.15	-25.30	+0.21
297		322	16 M6	-7.15	-0.52	-81.61	+1.15	-25.30	+0.21
297		0	17 M7	-36.87	+0.40	+337.42	+1.73	+38.98	+0.36
297		322	17 M7	-36.87	-0.75	+211.92	+1.73	+38.98	+0.36
297	182	0	M+ A	+0.00	+2.12	+3505.73	+8.50	+499.99	+1.72
297	183	322	M+ A	+0.00	+0.00	+1885.83	+8.50	+506.16	+1.72
297	182	0	M- A	-195.28	+0.00	+0.00	+0.00	-9.75	+0.00
297	183	322	M- A	-195.28	-3.66	+0.00	+0.00	-5.12	+0.00
298	183	0	0 G	-91.90	-1.62	+408.19	+3.17	+124.85	+2.23
298	184	321	0 G	-91.90	-8.78	+0.00	+3.17	+129.47	+2.23
298		0	1 Q1	-13.15	+0.65	+642.10	-0.93	+200.03	-0.60
298		321	1 Q1	-13.15	+2.58	+0.01	-0.93	+200.03	-0.60
298		0	11 M1	+7.59	+0.35	+101.35	-0.57	+31.57	-0.39
298		321	11 M1	+7.59	+1.59	-0.00	-0.57	+31.57	-0.39
298		0	12 M2	-17.22	-1.00	-208.95	+1.71	-65.09	+1.16
298		321	12 M2	-17.22	-4.74	+0.00	+1.71	-65.09	+1.16
298		0	13 M3	-9.07	+0.20	+317.40	-0.28	+98.88	-0.18
298		321	13 M3	-9.07	+0.79	-0.00	-0.28	+98.88	-0.18
298		0	14 M4	-1.53	-0.08	-20.82	+0.14	-6.48	+0.10
298		321	14 M4	-1.53	-0.39	+0.00	+0.14	-6.48	+0.10
298		0	15 M5	+3.69	+0.15	+48.21	-0.24	+15.02	-0.16
298		321	15 M5	+3.69	+0.66	-0.00	-0.24	+15.02	-0.16
298		0	16 M6	-7.15	-0.52	-81.61	+0.92	-25.42	+0.63
298		321	16 M6	-7.15	-2.54	-0.00	+0.92	-25.42	+0.63
298		0	17 M7	-36.87	-0.75	+211.92	+1.38	+66.01	+0.96
298		321	17 M7	-36.87	-3.82	+0.01	+1.38	+66.01	+0.96
298	183	0	M+ A	+0.00	+0.00	+1885.83	+6.78	+584.41	+4.71
298	184	321	M+ A	+0.00	+0.00	+0.03	+6.78	+590.56	+4.71
298	183	0	M- A	-195.28	-3.66	+0.00	+0.00	+0.00	+0.00
298	184	321	M- A	-195.28	-18.79	+0.00	+0.00	+0.00	+0.00
299	187	0	0 G	+5.23	+9.26	+273.22	+348.51	+41.73	+1.08
299	203	340	0 G	+5.23	+5.59	+124.85	+349.77	+45.29	+1.08
299		0	1 Q1	-3.35	+5.54	+386.07	-191.50	+0.33	+0.30
299		340	1 Q1	-3.35	+4.51	+384.94	-191.50	+0.33	+0.30
299		0	11 M1	-2.07	+4.52	+251.11	-88.92	+4.01	+0.27
299		340	11 M1	-2.07	+3.60	+237.44	-88.92	+4.01	+0.27
299		0	12 M2	+2.61	+1.02	-101.97	+234.59	+19.72	+0.22
299		340	12 M2	+2.61	+0.26	-169.23	+234.59	+19.72	+0.22
299		0	13 M3	-1.10	-0.14	+39.18	-115.39	-10.26	-0.05
299		340	13 M3	-1.10	+0.03	+74.16	-115.39	-10.26	-0.05
299		0	14 M4	+3.07	+2.01	+116.66	+218.75	+29.78	+0.34
299		340	14 M4	+3.07	+0.87	+15.10	+218.75	+29.78	+0.34
299		0	15 M5	+0.14	+0.61	-14.03	+34.97	+3.01	+0.10
299		340	15 M5	+0.14	+0.28	-24.31	+34.97	+3.01	+0.10
299		0	16 M6	-0.24	-0.09	+9.40	-27.54	-2.45	-0.02
299		340	16 M6	-0.24	-0.03	+17.75	-27.54	-2.45	-0.02
299		0	17 M7	+0.16	-0.01	-5.29	+15.53	+1.38	+0.00
299		340	17 M7	+0.16	-0.02	-10.00	+15.53	+1.38	+0.00
299	187	0	M+ A	+11.55	+26.57	+1261.25	+815.39	+100.62	+2.34
299	203	340	M+ A	+11.55	+18.93	+1041.88	+817.08	+105.36	+2.34
299	187	0	M- A	-2.40	+0.00	+0.00	-83.10	+0.00	+0.00
299	203	340	M- A	-2.40	+0.00	-128.99	-81.83	+0.00	+0.00
300	188	0	0 G	-16.17	-12.29	+284.57	+390.29	-46.78	-0.06
300	204	340	0 G	-16.17	-12.09	+118.97	+391.56	-50.35	-0.06
300		0	1 Q1	+3.45	+4.72	+383.03	-179.79	-1.41	+0.31
300		340	1 Q1	+3.45	+3.65	+378.23	-179.79	-1.41	+0.31
300		0	11 M1	+3.02	+3.27	+38.19	-111.44	+9.89	+0.18
300		340	11 M1	+3.02	+2.65	+71.94	-111.44	+9.89	+0.18
300		0	12 M2	-6.32	-5.82	-88.67	+240.29	-21.05	-0.15

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
300		340	12 M2	-6.32	-5.32	-160.47	+240.29	-21.05	-0.15
300		0	13 M3	-2.33	-3.49	+237.02	-60.61	-6.26	-0.14
300		340	13 M3	-2.33	-3.01	+215.69	-60.61	-6.26	-0.14
300		0	14 M4	-0.60	-0.60	-8.43	+24.80	-2.20	-0.03
300		340	14 M4	-0.60	-0.51	-15.94	+24.80	-2.20	-0.03
300		0	15 M5	+1.48	+1.70	+16.81	-48.67	+4.32	+0.11
300		340	15 M5	+1.48	+1.33	+31.54	-48.67	+4.32	+0.11
300		0	16 M6	-2.29	-1.51	-37.39	+99.34	-8.67	+0.09
300		340	16 M6	-2.29	-1.82	-66.96	+99.34	-8.67	+0.09
300		0	17 M7	-6.78	-7.59	+142.55	+194.04	-28.50	-0.32
300		340	17 M7	-6.78	-6.50	+45.36	+194.04	-28.50	-0.32
300	188	0	M+ A	+0.00	+0.00	+1251.10	+879.53	+0.00	+0.64
300	204	340	M+ A	+0.00	+0.00	+992.38	+881.21	+0.00	+0.64
300	188	0	M- A	-31.68	-27.73	-0.00	-19.59	-106.87	-0.56
300	204	340	M- A	-31.68	-25.83	-121.73	-18.33	-111.61	-0.56
301	189	0	0 G	-8.28	+0.80	+261.52	+394.70	+46.00	-0.62
301	205	340	0 G	-8.28	+2.90	+98.57	+395.97	+49.57	-0.62
301		0	1 Q1	+3.31	-5.71	+382.35	-176.86	+1.68	-0.41
301		340	1 Q1	+3.31	-4.30	+376.61	-176.86	+1.68	-0.41
301		0	11 M1	+1.85	-4.09	+249.34	-81.87	+4.66	-0.29
301		340	11 M1	+1.85	-3.11	+233.44	-81.87	+4.66	-0.29
301		0	12 M2	-3.57	+2.24	-103.49	+240.51	+20.27	-0.01
301		340	12 M2	-3.57	+2.29	-172.61	+240.51	+20.27	-0.01
301		0	13 M3	+1.47	-1.52	+37.66	-109.47	-9.71	-0.12
301		340	13 M3	+1.47	-1.12	+70.78	-109.47	-9.71	-0.12
301		0	14 M4	-4.45	+3.53	+115.45	+223.91	+30.26	+0.05
301		340	14 M4	-4.45	+3.36	+12.25	+223.91	+30.26	+0.05
301		0	15 M5	-0.29	-0.84	-17.41	+48.62	+4.28	-0.21
301		340	15 M5	-0.29	-0.11	-32.00	+48.62	+4.28	-0.21
301		0	16 M6	+0.38	-0.45	+8.23	-23.39	-2.07	-0.04
301		340	16 M6	+0.38	-0.31	+15.28	-23.39	-2.07	-0.04
301		0	17 M7	-0.18	+0.14	-5.58	+16.43	+1.46	+0.01
301		340	17 M7	-0.18	+0.12	-10.56	+16.43	+1.46	+0.01
301	189	0	M+ A	+0.00	+6.36	+1238.01	+885.72	+108.85	+0.00
301	205	340	M+ A	+0.00	+8.90	+989.70	+887.40	+113.59	+0.00
301	189	0	M- A	-17.69	-13.03	+0.00	-8.27	+0.00	-1.80
301	205	340	M- A	-17.69	-7.58	-160.34	-7.00	+0.00	-1.80
302	190	0	0 G	+7.21	-28.96	+297.67	+340.36	-42.19	-2.80
302	206	340	0 G	+7.21	-19.41	+147.73	+341.63	-45.75	-2.80
302		0	1 Q1	-3.66	-6.66	+386.48	-191.78	-0.32	-0.39
302		340	1 Q1	-3.66	-5.31	+385.38	-191.78	-0.32	-0.39
302		0	11 M1	-1.96	+1.34	+39.24	-114.36	+10.15	+0.18
302		340	11 M1	-1.96	+0.71	+73.84	-114.36	+10.15	+0.18
302		0	12 M2	+4.02	-3.82	-86.52	+231.58	-20.25	-0.53
302		340	12 M2	+4.02	-2.01	-155.55	+231.58	-20.25	-0.53
302		0	13 M3	+1.17	-2.85	+238.80	-67.39	-5.63	-0.31
302		340	13 M3	+1.17	-1.79	+219.60	-67.39	-5.63	-0.31
302		0	14 M4	+0.41	-0.24	-8.03	+23.50	-2.09	-0.03
302		340	14 M4	+0.41	-0.12	-15.15	+23.50	-2.09	-0.03
302		0	15 M5	-0.90	+0.75	+18.71	-54.39	+4.82	+0.10
302		340	15 M5	-0.90	+0.40	+35.16	-54.39	+4.82	+0.10
302		0	16 M6	+1.35	-2.18	-34.82	+89.61	-7.78	-0.30
302		340	16 M6	+1.35	-1.14	-61.36	+89.61	-7.78	-0.30
302		0	17 M7	+2.95	-11.21	+144.38	+185.35	-27.68	-1.07
302		340	17 M7	+2.95	-7.56	+49.99	+185.35	-27.68	-1.07
302	190	0	M+ A	+15.62	+0.00	+1275.85	+800.05	+0.00	+0.00
302	206	340	M+ A	+15.62	+0.00	+1046.14	+801.73	+0.00	+0.00
302	190	0	M- A	-0.67	-64.32	-0.00	-90.08	-98.06	-5.86
302	206	340	M- A	-0.67	-44.33	-85.60	-88.81	-102.80	-5.86
303	191	0	0 G	+50.50	-21.26	+226.00	+511.49	+52.58	+0.92
303	207	381	0 G	+50.50	-24.76	+18.11	+512.98	+56.54	+0.92
303		0	1 Q1	+20.10	-8.24	+375.45	+247.19	+45.81	+0.40
303		381	1 Q1	+20.10	-9.76	+200.91	+247.19	+45.81	+0.40
303		0	11 M1	+9.07	-3.45	+229.01	+106.02	+23.57	+0.21
303		381	11 M1	+9.07	-4.24	+139.22	+106.02	+23.57	+0.21
303		0	12 M2	+4.08	-2.75	-96.43	+61.48	+0.40	-0.01
303		381	12 M2	+4.08	-2.73	-97.94	+61.48	+0.40	-0.01
303		0	13 M3	+8.57	-2.81	+185.19	+157.74	+26.02	+0.23
303		381	13 M3	+8.57	-3.69	+86.06	+157.74	+26.02	+0.23
303		0	14 M4	+2.56	-0.06	-41.30	+85.69	+5.99	+0.10
303		381	14 M4	+2.56	-0.42	-64.14	+85.69	+5.99	+0.10
303		0	15 M5	+18.73	-2.89	+138.83	+244.11	+31.73	+0.71
303		381	15 M5	+18.73	-5.61	+17.93	+244.11	+31.73	+0.71
303		0	16 M6	+6.21	-7.46	+30.30	+44.85	+5.99	-0.23
303		381	16 M6	+6.21	-6.59	+7.47	+44.85	+5.99	-0.23
303		0	17 M7	-0.29	-0.56	-10.37	-24.62	-3.03	-0.04
303		381	17 M7	-0.29	-0.42	+1.17	-24.62	-3.03	-0.04
303	191	0	M+ A	+122.39	+0.00	+1150.94	+1380.16	+179.38	+2.83
303	207	381	M+ A	+122.39	+0.00	+504.15	+1382.13	+184.64	+2.83
303	191	0	M- A	+0.00	-50.59	+0.00	+0.00	+0.00	+0.00
303	207	381	M- A	+0.00	-55.99	-128.80	+0.00	+0.00	+0.00
304	192	0	0 G	-47.64	-0.91	+234.84	+454.07	-47.47	+2.36
304	208	381	0 G	-47.64	-9.89	+46.44	+455.56	-51.43	+2.36
304		0	1 Q1	-19.16	-0.16	+378.11	+229.06	-44.19	+0.99
304		381	1 Q1	-19.16	-3.95	+209.76	+229.06	-44.19	+0.99
304		0	11 M1	-7.71	-0.14	+135.06	+169.98	-24.24	+0.41
304		381	11 M1	-7.71	-1.69	+42.70	+169.98	-24.24	+0.41
304		0	12 M2	-6.28	+0.68	-112.15	+80.77	-1.21	+0.37
304		381	12 M2	-6.28	-0.73	-116.77	+80.77	-1.21	+0.37
304		0	13 M3	-6.04	-0.41	+159.22	+103.50	-19.15	+0.29
304		381	13 M3	-6.04	-1.52	+86.27	+103.50	-19.15	+0.29
304		0	14 M4	+1.03	-0.69	-16.56	-40.37	+4.93	-0.10
304		381	14 M4	+1.03	-0.32	+2.23	-40.37	+4.93	-0.10
304		0	15 M5	-5.57	-3.42	+62.44	+73.91	-10.65	+0.03
304		381	15 M5	-5.57	-3.54	+21.84	+73.91	-10.65	+0.03
304		0	16 M6	-19.35	+3.19	+111.25	+227.57	-28.55	+1.25
304		381	16 M6	-19.35	-1.59	+2.47	+227.57	-28.55	+1.25
304		0	17 M7	-1.73	+0.39	-25.33	+53.02	-3.72	+0.08
304		381	17 M7	-1.73	+0.08	-39.50	+53.02	-3.72	+0.08
304	192	0	M+ A	+0.00	+3.88	+1061.62	+1254.51	+0.00	+6.36
304	208	381	M+ A	+0.00	+0.00	+474.34	+1256.48	+0.00	+6.36
304	192	0	M- A	-118.25	-6.56	-0.00	+0.00	-165.61	+0.00
304	208	381	M- A	-118.25	-23.79	-128.72	+0.00	-170.88	+0.00
305	193	0	0 G	-49.82	-0.13	+235.82	+448.82	+47.01	-2.62
305	209	381	0 G	-49.82	+9.85	+49.15	+450.31	+50.97	-2.62
305		0	1 Q1	-19.94	-0.30	+379.34	+225.87	+43.95	-1.10

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
305		381	1	Q1	-19.94	+3.88	+211.90	+225.87	+43.95	-1.10
305		0	11	M1	-9.08	-0.68	+231.27	+96.56	+22.77	-0.56
305		381	11	M1	-9.08	+1.44	+144.51	+96.56	+22.77	-0.56
305		0	12	M2	-3.61	+0.82	-95.74	+54.00	-0.30	-0.11
305		381	12	M2	-3.61	+1.25	-94.61	+54.00	-0.30	-0.11
305		0	13	M3	-8.70	-1.04	+186.70	+148.50	+25.20	-0.56
305		381	13	M3	-8.70	+1.11	+90.69	+148.50	+25.20	-0.56
305		0	14	M4	-2.90	-0.94	-39.89	+81.47	+5.66	-0.19
305		381	14	M4	-2.90	-0.21	-61.47	+81.47	+5.66	-0.19
305		0	15	M5	-20.14	-4.23	+143.44	+226.58	+30.28	-1.41
305		381	15	M5	-20.14	+1.13	+28.07	+226.58	+30.28	-1.41
305		0	16	M6	-4.60	+4.43	+30.38	+36.27	+5.15	+0.09
305		381	16	M6	-4.60	+4.09	+10.74	+36.27	+5.15	+0.09
305		0	17	M7	+0.68	+0.58	-11.27	-26.90	-3.30	+0.07
305		381	17	M7	+0.68	+0.29	+1.31	-26.90	-3.30	+0.07
305	193	0	M+	A	+0.00	+6.52	+1172.64	+1241.73	+167.28	+0.00
305	209	381	M+	A	+0.00	+24.47	+568.20	+1243.70	+172.54	+0.00
305	193	0	M-	A	-123.40	-6.93	+0.00	+0.00	+0.00	-7.08
305	209	381	M-	A	-123.40	+0.00	-92.76	+0.00	+0.00	-7.08
306	194	0	0	G	+53.16	+19.64	+225.94	+516.03	-53.02	-1.28
306	210	381	0	G	+53.16	+24.54	+16.37	+517.52	-56.98	-1.28
306		0	1	Q1	+21.18	+7.70	+375.92	+248.59	-45.98	-0.51
306		381	1	Q1	+21.18	+9.66	+200.76	+248.59	-45.98	-0.51
306		0	11	M1	+8.78	+3.70	+134.78	+177.59	-24.97	-0.17
306		381	11	M1	+8.78	+4.36	+39.63	+177.59	-24.97	-0.17
306		0	12	M2	+6.59	+1.32	-113.87	+89.23	-1.94	-0.25
306		381	12	M2	+6.59	+2.26	-121.27	+89.23	-1.94	-0.25
306		0	13	M3	+7.25	+3.53	+157.99	+112.53	-19.96	-0.13
306		381	13	M3	+7.25	+4.02	+81.93	+112.53	-19.96	-0.13
306		0	14	M4	-0.38	+1.16	-16.18	-37.82	+4.66	+0.08
306		381	14	M4	-0.38	+0.84	+1.57	-37.82	+4.66	+0.08
306		0	15	M5	+8.40	+8.31	+62.46	+87.15	-11.96	+0.18
306		381	15	M5	+8.40	+7.63	+16.90	+87.15	-11.96	+0.18
306		0	16	M6	+18.75	+0.99	+108.36	+238.77	-29.48	-0.87
306		381	16	M6	+18.75	+4.31	-3.96	+238.77	-29.48	-0.87
306		0	17	M7	+1.69	-0.22	-27.38	+58.12	-4.09	-0.11
306		381	17	M7	+1.69	+0.19	-42.98	+58.12	-4.09	-0.11
306	194	0	M+	A	+127.42	+48.98	+1044.97	+1380.08	+0.00	+0.00
306	210	381	M+	A	+127.42	+57.12	+415.70	+1382.05	+0.00	+0.00
306	194	0	M-	A	+0.00	+0.00	-0.00	+0.00	-176.81	-3.71
306	210	381	M-	A	+0.00	+0.00	-165.52	+0.00	-182.07	-3.71
307	195	0	0	G	-3.52	-12.13	+209.55	+351.82	+35.95	-1.21
307	211	379	0	G	-3.52	-7.54	+65.84	+353.31	+39.89	-1.21
307		0	1	Q1	+2.46	-4.47	-184.27	-135.06	-23.09	-0.28
307		379	1	Q1	+2.46	-3.40	-96.74	-135.06	-23.09	-0.28
307		0	11	M1	+0.37	-2.01	-108.74	-53.73	-11.07	-0.18
307		379	11	M1	+0.37	-1.33	-66.77	-53.73	-11.07	-0.18
307		0	12	M2	-2.68	-0.73	+200.66	+205.48	+30.92	-0.19
307		379	12	M2	-2.68	-0.02	+83.46	+205.48	+30.92	-0.19
307		0	13	M3	+2.12	-1.58	-43.86	-108.04	-12.86	-0.02
307		379	13	M3	+2.12	-1.51	+4.89	-108.04	-12.86	-0.02
307		0	14	M4	-3.30	-1.36	+142.51	+215.55	+28.91	-0.27
307		379	14	M4	-3.30	-0.36	+32.93	+215.55	+28.91	-0.27
307		0	15	M5	+2.31	-4.58	+33.36	+30.83	+4.70	-0.25
307		379	15	M5	+2.31	-3.63	+15.56	+30.83	+4.70	-0.25
307		0	16	M6	+0.45	-0.30	-10.79	-25.83	-3.11	-0.01
307		379	16	M6	+0.45	-0.28	+0.99	-25.83	-3.11	-0.01
307		0	17	M7	-0.26	+0.15	+5.97	+14.47	+1.72	-0.00
307		379	17	M7	-0.26	+0.17	-0.56	+14.47	+1.72	-0.00
307	195	0	M+	A	+3.25	+0.00	+579.69	+791.25	+94.20	+0.00
307	211	379	M+	A	+3.25	+0.00	+212.75	+793.23	+99.44	+0.00
307	195	0	M-	A	-9.63	-29.05	-202.32	+0.00	-14.52	-2.39
307	211	379	M-	A	-9.63	-20.07	-164.92	+0.00	-10.59	-2.39
308	196	0	0	G	-33.84	+4.08	+210.72	+513.09	-51.71	+1.88
308	212	379	0	G	-33.84	-3.05	+7.27	+514.58	-55.65	+1.88
308		0	1	Q1	-15.77	-2.05	-208.96	+355.79	-22.07	+0.53
308		379	1	Q1	-15.77	-4.05	-292.61	+355.79	-22.07	+0.53
308		0	11	M1	-7.00	-0.52	-114.57	+169.90	-9.65	+0.26
308		379	11	M1	-7.00	-1.52	-151.15	+169.90	-9.65	+0.26
308		0	12	M2	-0.70	+2.55	+176.47	+17.47	-11.82	+0.23
308		379	12	M2	-0.70	+1.66	+131.69	+17.47	-11.82	+0.23
308		0	13	M3	-7.99	-2.29	-87.11	+204.40	-14.69	+0.16
308		379	13	M3	-7.99	-2.91	-142.80	+204.40	-14.69	+0.16
308		0	14	M4	-0.19	+4.12	+88.65	+66.49	-11.46	+0.41
308		379	14	M4	-0.19	+2.59	+45.22	+66.49	-11.46	+0.41
308		0	15	M5	-17.67	-1.27	+99.60	+250.32	-29.96	+0.78
308		379	15	M5	-17.67	-4.22	-13.94	+250.32	-29.96	+0.78
308		0	16	M6	-1.78	-1.21	-19.10	+51.34	-3.85	-0.13
308		379	16	M6	-1.78	-0.73	-33.68	+51.34	-3.85	-0.13
308		0	17	M7	+0.85	+0.07	+10.35	-28.20	+2.14	-0.06
308		379	17	M7	+0.85	+0.31	+18.46	-28.20	+2.14	-0.06
308	196	0	M+	A	+0.00	+11.61	+544.96	+1538.21	+0.00	+4.39
308	212	379	M+	A	+0.00	+0.82	+207.20	+1540.19	+0.00	+4.39
308	196	0	M-	A	-92.79	-2.12	-243.23	+0.00	-143.51	+0.00
308	212	379	M-	A	-92.79	-15.87	-614.48	+0.00	-148.75	+0.00
309	197	0	0	G	+47.33	+0.64	+219.19	+456.94	+46.74	+2.41
309	213	379	0	G	+47.33	-8.51	+34.59	+458.42	+50.67	+2.41
309		0	1	Q1	+17.71	+2.05	-205.07	+338.31	+20.60	+1.04
309		379	1	Q1	+17.71	-1.88	-283.13	+338.31	+20.60	+1.04
309		0	11	M1	+6.45	+1.69	-78.71	+203.06	+15.12	+0.45
309		379	11	M1	+6.45	-0.01	-136.03	+203.06	+15.12	+0.45
309		0	12	M2	+6.78	+0.15	+235.30	+14.78	+15.13	+0.36
309		379	12	M2	+6.78	-1.22	+177.97	+14.78	+15.13	+0.36
309		0	13	M3	+6.29	-0.83	-89.19	+142.77	+8.65	+0.22
309		379	13	M3	+6.29	-1.67	-121.95	+142.77	+8.65	+0.22
309		0	14	M4	-1.15	-0.57	+16.67	-45.60	-3.46	-0.13
309		379	14	M4	-1.15	-0.09	+29.79	-45.60	-3.46	-0.13
309		0	15	M5	+3.13	+0.31	-34.52	+88.91	+6.60	+0.13
309		379	15	M5	+3.13	-0.20	-59.54	+88.91	+6.60	+0.13
309		0	16	M6	+19.24	+3.49	+132.95	+224.39	+29.34	+1.29
309		379	16	M6	+19.24	-1.39	+21.73	+224.39	+29.34	+1.29
309		0	17	M7	+4.27	-3.08	+52.40	+41.12	+6.91	-0.02
309		379	17	M7	+4.27	-3.01	+26.20	+41.12	+6.91	-0.02
309	197	0	M+	A	+115.72	+8.86	+644.47	+1401.04	+133.98	+6.55
309	213	379	M+	A	+115.72	+0.00	+312.96	+1403.02	+139.22	+6.55
309	197	0	M-	A	+0.00	-3.99	-191.44	+0.00	+0.00	+0.00
309	213	379	M-	A	+0.00	-18.38	-551.67	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
310	198	0	0 G	+8.82	+3.64	+205.00	+397.99	-40.15	+0.15
310	214	379	0 G	+8.82	+3.08	+45.38	+399.47	-44.08	+0.15
310		0	1 Q1	-5.05	-6.51	-183.19	-122.63	+21.84	-0.23
310		379	1 Q1	-5.05	-5.65	-100.43	-122.63	+21.84	-0.23
310		0	11 M1	-4.46	-5.23	-43.82	-103.62	+12.44	-0.18
310		379	11 M1	-4.46	-4.55	+3.33	-103.62	+12.44	-0.18
310		0	12 M2	+4.17	+3.07	+149.75	+219.69	-29.34	+0.12
310		379	12 M2	+4.17	+2.62	+38.53	+219.69	-29.34	+0.12
310		0	13 M3	+0.50	+1.06	-85.79	-29.58	+7.43	+0.12
310		379	13 M3	+0.50	+0.60	-57.63	-29.58	+7.43	+0.12
310		0	14 M4	+0.95	+1.17	+9.67	+23.20	-2.77	+0.05
310		379	14 M4	+0.95	+0.98	-0.83	+23.20	-2.77	+0.05
310		0	15 M5	-1.97	-2.16	-19.34	-44.97	+5.43	-0.05
310		379	15 M5	-1.97	-1.96	+1.23	-44.97	+5.43	-0.05
310		0	16 M6	-2.94	-5.85	+73.50	+90.52	-12.66	-0.24
310		379	16 M6	-2.94	-4.94	+25.54	+90.52	-12.66	-0.24
310		0	17 M7	+7.12	+8.60	+119.17	+194.88	-25.67	+0.41
310		379	17 M7	+7.12	+7.05	+21.88	+194.88	-25.67	+0.41
310	198	0	M+ A	+22.41	+17.74	+497.27	+858.86	+7.99	+0.81
310	214	379	M+ A	+22.41	+14.68	+118.15	+860.83	+4.05	+0.81
310	198	0	M- A	-4.68	-13.93	-170.99	+0.00	-97.41	-0.52
310	214	379	M- A	-4.68	-11.96	-176.65	+0.00	-102.65	-0.52
311	199	0	0 G	-2.38	+12.93	+210.72	+399.94	+40.66	+0.67
311	215	379	0 G	-2.38	+10.39	+49.16	+401.43	+44.59	+0.67
311		0	1 Q1	-5.37	+8.09	-183.56	-119.60	-21.56	+0.34
311		379	1 Q1	-5.37	+6.81	-101.85	-119.60	-21.56	+0.34
311		0	11 M1	-1.75	+3.54	-108.70	-46.32	-10.36	+0.19
311		379	11 M1	-1.75	+2.83	-69.45	-46.32	-10.36	+0.19
311		0	12 M2	+2.66	-1.30	+200.74	+211.50	+31.51	-0.02
311		379	12 M2	+2.66	-1.21	+81.32	+211.50	+31.51	-0.02
311		0	13 M3	-3.71	+4.62	-43.41	-101.71	-12.23	+0.15
311		379	13 M3	-3.71	+4.04	+2.93	-101.71	-12.23	+0.15
311		0	14 M4	+3.19	-2.08	+141.78	+220.73	+29.37	-0.07
311		379	14 M4	+3.19	-1.82	+30.47	+220.73	+29.37	-0.07
311		0	15 M5	-5.40	+8.78	+33.07	+45.28	+6.08	+0.35
311		379	15 M5	-5.40	+7.44	+10.04	+45.28	+6.08	+0.35
311		0	16 M6	-0.67	+0.68	-9.60	-21.48	-2.62	+0.00
311		379	16 M6	-0.67	+0.68	+0.33	-21.48	-2.62	+0.00
311		0	17 M7	+0.48	-0.63	+6.46	+15.38	+1.84	-0.03
311		379	17 M7	+0.48	-0.52	-0.51	+15.38	+1.84	-0.03
311	199	0	M+ A	+2.42	+41.30	+581.36	+863.01	+101.34	+1.88
311	215	379	M+ A	+2.42	+34.17	+187.37	+864.99	+106.57	+1.88
311	199	0	M- A	-18.50	+0.00	-200.15	+0.00	-6.79	+0.00
311	215	379	M- A	-18.50	+0.00	-192.51	+0.00	-2.85	+0.00
312	200	0	0 G	+42.89	-11.36	+222.42	+451.22	-46.39	-3.08
312	216	379	0 G	+42.89	+0.30	+39.14	+452.70	-50.33	-3.08
312		0	1 Q1	+17.28	-4.20	-204.68	+334.87	-20.29	-1.18
312		379	1 Q1	+17.28	+0.27	-281.58	+334.87	-20.29	-1.18
312		0	11 M1	+7.95	-2.24	-112.90	+160.56	-8.84	-0.56
312		379	11 M1	+7.95	-0.12	-146.42	+160.56	-8.84	-0.56
312		0	12 M2	+2.60	-0.97	+177.76	+10.05	-11.17	-0.21
312		379	12 M2	+2.60	-0.16	+135.42	+10.05	-11.17	-0.21
312		0	13 M3	+7.90	-2.05	-85.07	+195.35	-13.94	-0.55
312		379	13 M3	+7.90	+0.03	-137.89	+195.35	-13.94	-0.55
312		0	14 M4	+3.19	-0.94	+88.71	+62.05	-11.03	-0.28
312		379	14 M4	+3.19	+0.12	+46.91	+62.05	-11.03	-0.28
312		0	15 M5	+19.29	-5.46	+102.51	+232.81	-28.43	-1.44
312		379	15 M5	+19.29	+0.00	-5.23	+232.81	-28.43	-1.44
312		0	16 M6	+1.76	+0.21	-16.72	+43.27	-3.21	-0.00
312		379	16 M6	+1.76	+0.22	-28.88	+43.27	-3.21	-0.00
312		0	17 M7	-0.83	+0.38	+11.15	-30.36	+2.30	+0.09
312		379	17 M7	-0.83	+0.06	+19.88	-30.36	+2.30	+0.09
312	200	0	M+ A	+109.31	+0.00	+562.47	+1401.41	+0.00	+0.00
312	216	379	M+ A	+109.31	+1.10	+255.18	+1403.39	+0.00	+0.00
312	200	0	M- A	+0.00	-28.98	-223.24	+0.00	-131.74	-7.85
312	216	379	M- A	+0.00	+0.00	-560.62	+0.00	-136.97	-7.85
313	201	0	0 G	-24.58	-24.13	+208.85	+518.10	+52.07	-3.09
313	217	379	0 G	-24.58	-12.40	+4.05	+519.58	+56.00	-3.09
313		0	1 Q1	-15.81	+0.03	-209.63	+357.09	+22.15	-0.69
313		379	1 Q1	-15.81	+2.65	-293.58	+357.09	+22.15	-0.69
313		0	11 M1	-8.32	+3.46	-81.12	+210.14	+15.67	-0.07
313		379	11 M1	-8.32	+3.71	-140.49	+210.14	+15.67	-0.07
313		0	12 M2	-1.71	-6.41	+234.55	+23.41	+15.92	-0.63
313		379	12 M2	-1.71	-4.03	+174.20	+23.41	+15.92	-0.63
313		0	13 M3	-2.86	-2.95	-90.86	+151.60	+9.40	-0.34
313		379	13 M3	-2.86	-1.66	-126.50	+151.60	+9.40	-0.34
313		0	14 M4	+1.55	-0.39	+15.94	-43.20	-3.27	+0.08
313		379	14 M4	+1.55	-0.70	+28.35	-43.20	-3.27	+0.08
313		0	15 M5	-4.01	+2.29	-38.47	+101.20	+7.56	+0.12
313		379	15 M5	-4.01	+1.83	-67.12	+101.20	+7.56	+0.12
313		0	16 M6	-16.50	-2.63	+131.35	+235.66	+30.35	-1.07
313		379	16 M6	-16.50	+1.43	+16.34	+235.66	+30.35	-1.07
313		0	17 M7	+5.04	-11.18	+53.17	+46.77	+7.51	-0.73
313		379	17 M7	+5.04	-8.40	+24.70	+46.77	+7.51	-0.73
313	201	0	M+ A	+0.00	+0.00	+629.59	+1524.63	+144.67	+0.00
313	217	379	M+ A	+0.00	+0.00	+266.69	+1526.61	+149.91	+0.00
313	201	0	M- A	-78.78	-48.86	-210.44	+0.00	+0.00	-6.66
313	217	379	M- A	-78.78	-29.09	-603.02	+0.00	+0.00	-6.66
314	202	0	0 G	-10.41	+23.76	+203.54	+347.55	-35.20	+2.62
314	218	379	0 G	-10.41	+13.83	+62.66	+349.04	-39.14	+2.62
314		0	1 Q1	+3.33	+6.34	-185.11	-135.06	+23.15	+0.39
314		379	1 Q1	+3.33	+4.87	-97.38	-135.06	+23.15	+0.39
314		0	11 M1	+3.45	+1.06	-45.26	-106.81	+12.83	-0.10
314		379	11 M1	+3.45	+1.46	+3.37	-106.81	+12.83	-0.10
314		0	12 M2	-4.04	+3.54	+150.34	+211.00	-28.54	+0.50
314		379	12 M2	-4.04	+1.65	+42.17	+211.00	-28.54	+0.50
314		0	13 M3	-0.85	+3.29	-86.24	-36.44	+8.12	+0.32
314		379	13 M3	-0.85	+2.08	-55.48	-36.44	+8.12	+0.32
314		0	14 M4	-0.69	-0.18	+9.24	+21.90	-2.62	+0.03
314		379	14 M4	-0.69	-0.28	-0.69	+21.90	-2.62	+0.03
314		0	15 M5	+1.64	+0.54	-21.73	-50.92	+6.14	-0.04
314		379	15 M5	+1.64	+0.68	+1.54	-50.92	+6.14	-0.04
314		0	16 M6	+1.41	+6.35	+73.74	+80.50	-11.70	+0.43
314		379	16 M6	+1.41	+4.72	+29.39	+80.50	-11.70	+0.43
314		0	17 M7	-6.50	+5.38	+120.80	+186.43	-24.95	+0.82
314		379	17 M7	-6.50	+2.26	+26.23	+186.43	-24.95	+0.82
314	202	0	M+ A	+0.00	+49.67	+496.22	+778.74	+15.29	+5.24

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
314	218	379	M+ A	+0.00	+32.05	+146.59	+780.72	+11.36	+5.24
314	202	0	M- A	-23.60	+0.00	-175.71	+0.00	-89.63	+0.00
314	218	379	M- A	-23.60	+0.00	-152.02	+0.00	-94.87	+0.00
315	203	0	0 G	+5.24	+5.58	+125.01	+349.90	+44.32	+1.08
315	219	340	0 G	+5.24	+1.92	-32.21	+351.17	+47.89	+1.08
315		0	1 Q1	-3.33	+4.52	+384.94	-191.50	+0.86	+0.30
315		340	1 Q1	-3.33	+3.49	+382.01	-191.50	+0.86	+0.30
315		0	11 M1	-2.06	+3.61	+237.45	-88.91	+4.26	+0.27
315		340	11 M1	-2.06	+2.70	+222.94	-88.91	+4.26	+0.27
315		0	12 M2	+2.61	+0.25	-169.16	+234.64	+19.07	+0.22
315		340	12 M2	+2.61	-0.51	-234.20	+234.64	+19.07	+0.22
315		0	13 M3	-1.10	+0.04	+74.12	-115.42	-9.94	-0.05
315		340	13 M3	-1.10	+0.20	+108.01	-115.42	-9.94	-0.05
315		0	14 M4	+3.07	+0.86	+15.21	+218.84	+29.18	+0.34
315		340	14 M4	+3.07	-0.29	-84.29	+218.84	+29.18	+0.34
315		0	15 M5	+0.14	+0.28	-24.30	+34.98	+2.92	+0.10
315		340	15 M5	+0.14	-0.04	-34.24	+34.98	+2.92	+0.10
315		0	16 M6	-0.24	-0.03	+17.74	-27.55	-2.37	-0.02
315		340	16 M6	-0.24	+0.04	+25.83	-27.55	-2.37	-0.02
315		0	17 M7	+0.16	-0.02	-9.99	+15.53	+1.34	+0.00
315		340	17 M7	+0.16	-0.03	-14.55	+15.53	+1.34	+0.00
315	203	0	M+ A	+11.58	+18.94	+1042.11	+817.32	+103.88	+2.34
315	219	340	M+ A	+11.58	+11.30	+817.91	+819.02	+108.62	+2.34
315	203	0	M- A	-2.35	+0.00	-128.72	-81.75	+0.00	+0.00
315	219	340	M- A	-2.35	+0.00	-394.14	-80.47	+0.00	+0.00
316	204	0	0 G	-16.14	-12.13	+119.15	+391.70	-49.26	-0.06
316	220	340	0 G	-16.14	-11.93	-54.90	+392.97	-52.82	-0.06
316		0	1 Q1	+3.44	+3.67	+378.24	-179.79	-1.90	+0.31
316		340	1 Q1	+3.44	+2.60	+371.74	-179.79	-1.90	+0.31
316		0	11 M1	+3.01	+2.66	+71.90	-111.47	+9.59	+0.18
316		340	11 M1	+3.01	+2.03	+104.59	-111.47	+9.59	+0.18
316		0	12 M2	-6.30	-5.34	-160.39	+240.35	-20.39	-0.15
316		340	12 M2	-6.30	-4.84	-229.92	+240.35	-20.39	-0.15
316		0	13 M3	-2.33	-3.02	+215.71	-60.59	-6.42	-0.14
316		340	13 M3	-2.33	-2.54	+193.81	-60.59	-6.42	-0.14
316		0	14 M4	-0.60	-0.51	-15.93	+24.80	-2.13	-0.03
316		340	14 M4	-0.60	-0.42	-23.21	+24.80	-2.13	-0.03
316		0	15 M5	+1.48	+1.34	+31.53	-48.69	+4.18	+0.11
316		340	15 M5	+1.48	+0.97	+45.80	-48.69	+4.18	+0.11
316		0	16 M6	-2.29	-1.83	-66.93	+99.36	-8.40	+0.09
316		340	16 M6	-2.29	-2.14	-95.57	+99.36	-8.40	+0.09
316		0	17 M7	-6.77	-6.52	+45.46	+194.12	-27.97	-0.32
316		340	17 M7	-6.77	-5.44	-49.91	+194.12	-27.97	-0.32
316	204	0	M+ A	+0.00	+0.00	+992.66	+881.48	+0.00	+0.64
316	220	340	M+ A	+0.00	+0.00	+737.67	+883.18	+0.00	+0.64
316	204	0	M- A	-31.61	-25.92	-121.43	-18.22	-110.04	-0.56
316	220	340	M- A	-31.61	-24.03	-417.89	-16.95	-114.78	-0.56
317	205	0	0 G	-8.27	+2.92	+98.75	+396.11	+48.47	-0.62
317	221	340	0 G	-8.27	+5.02	-72.60	+397.38	+52.03	-0.62
317		0	1 Q1	+3.30	-4.31	+376.62	-176.86	+2.17	-0.41
317		340	1 Q1	+3.30	-2.91	+369.21	-176.86	+2.17	-0.41
317		0	11 M1	+1.84	-3.12	+233.46	-81.86	+4.89	-0.29
317		340	11 M1	+1.84	-2.15	+216.79	-81.86	+4.89	-0.29
317		0	12 M2	-3.56	+2.30	-172.54	+240.56	+19.61	-0.01
317		340	12 M2	-3.56	+2.35	-239.39	+240.56	+19.61	-0.01
317		0	13 M3	+1.46	-1.13	+70.75	-109.50	-9.41	-0.12
317		340	13 M3	+1.46	-0.73	+102.83	-109.50	-9.41	-0.12
317		0	14 M4	-4.45	+3.37	+12.36	+223.99	+29.65	+0.05
317		340	14 M4	-4.45	+3.20	-88.73	+223.99	+29.65	+0.05
317		0	15 M5	-0.29	-0.11	-31.98	+48.63	+4.14	-0.21
317		340	15 M5	-0.29	+0.61	-46.11	+48.63	+4.14	-0.21
317		0	16 M6	+0.38	-0.31	+15.27	-23.39	-2.00	-0.04
317		340	16 M6	+0.38	-0.17	+22.11	-23.39	-2.00	-0.04
317		0	17 M7	-0.18	+0.12	-10.55	+16.43	+1.41	+0.01
317		340	17 M7	-0.18	+0.10	-15.37	+16.43	+1.41	+0.01
317	205	0	M+ A	+0.00	+8.94	+989.97	+887.66	+111.86	+0.00
317	221	340	M+ A	+0.00	+11.49	+751.01	+889.36	+116.60	+0.00
317	205	0	M- A	-17.67	-7.58	-160.05	-6.90	+0.00	-1.80
317	221	340	M- A	-17.67	-2.12	-455.65	-5.62	+0.00	-1.80
318	206	0	0 G	+7.26	-19.40	+147.89	+341.75	-44.81	-2.80
318	222	340	0 G	+7.26	-9.85	-10.97	+343.03	-48.37	-2.80
318		0	1 Q1	-3.65	-5.32	+385.38	-191.78	-0.85	-0.39
318		340	1 Q1	-3.65	-3.97	+382.48	-191.78	-0.85	-0.39
318		0	11 M1	-1.96	+0.71	+73.80	-114.38	+9.83	+0.18
318		340	11 M1	-1.96	+0.08	+107.32	-114.38	+9.83	+0.18
318		0	12 M2	+4.03	-2.00	-155.48	+231.63	-19.60	-0.53
318		340	12 M2	+4.03	-0.18	-222.33	+231.63	-19.60	-0.53
318		0	13 M3	+1.18	-1.79	+219.62	-67.37	-5.82	-0.31
318		340	13 M3	+1.18	-0.73	+199.78	-67.37	-5.82	-0.31
318		0	14 M4	+0.41	-0.12	-15.14	+23.50	-2.02	-0.03
318		340	14 M4	+0.41	-0.01	-22.03	+23.50	-2.02	-0.03
318		0	15 M5	-0.90	+0.40	+35.14	-54.40	+4.67	+0.10
318		340	15 M5	-0.90	+0.05	+51.08	-54.40	+4.67	+0.10
318		0	16 M6	+1.36	-1.14	-61.33	+89.64	-7.53	-0.30
318		340	16 M6	+1.36	-0.10	-87.02	+89.64	-7.53	-0.30
318		0	17 M7	+2.97	-7.56	+50.09	+185.43	-27.17	-1.07
318		340	17 M7	+2.97	-3.91	-42.54	+185.43	-27.17	-1.07
318	206	0	M+ A	+15.70	+0.00	+1046.39	+801.98	+0.00	+0.00
318	222	340	M+ A	+15.70	+0.00	+805.04	+803.68	+0.00	+0.00
318	206	0	M- A	-0.60	-44.32	-85.33	-88.73	-101.49	-5.86
318	222	340	M- A	-0.60	-24.33	-348.09	-87.45	-106.23	-5.86
319	207	0	0 G	+50.19	-25.38	+17.93	+513.63	+50.27	+0.92
319	223	383	0 G	+50.19	-28.90	-182.21	+515.17	+54.24	+0.92
319		0	1 Q1	+19.97	-10.00	+200.76	+247.73	+42.79	+0.40
319		383	1 Q1	+19.97	-11.52	+36.89	+247.73	+42.79	+0.40
319		0	11 M1	+9.02	-4.36	+139.15	+106.30	+22.27	+0.21
319		383	11 M1	+9.02	-5.15	+53.86	+106.30	+22.27	+0.21
319		0	12 M2	+4.05	-2.78	-97.94	+61.48	-0.36	-0.01
319		383	12 M2	+4.05	-2.76	-96.58	+61.48	-0.36	-0.01
319		0	13 M3	+8.52	-3.80	+85.98	+158.05	+24.09	+0.23
319		383	13 M3	+8.52	-4.69	-6.28	+158.05	+24.09	+0.23
319		0	14 M4	+2.55	-0.46	-64.16	+85.76	+4.95	+0.10
319		383	14 M4	+2.55	-0.82	-83.10	+85.76	+4.95	+0.10
319		0	15 M5	+18.66	-5.84	+17.83	+244.48	+28.74	+0.71
319		383	15 M5	+18.66	-8.58	-92.26	+244.48	+28.74	+0.71
319		0	16 M6	+6.13	-6.66	+7.45	+44.92	+5.44	-0.23

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
319		383	16 M6	+6.13	-5.79	-13.40	+44.92	+5.44	-0.23
319		0	17 M7	-0.30	-0.42	+1.17	-24.65	-2.73	-0.04
319		383	17 M7	-0.30	-0.27	+11.61	-24.65	-2.73	-0.04
319	207	0	M+ A	+121.71	+0.00	+503.59	+1384.29	+167.74	+2.83
319	223	383	M+ A	+121.71	+0.00	+0.00	+1386.34	+173.01	+2.83
319	207	0	M- A	+0.00	-57.25	-128.98	+0.00	+0.00	+0.00
319	223	383	M- A	+0.00	-66.86	-387.20	+0.00	+0.00	+0.00
320	208	0	0 G	-47.52	-10.47	+46.27	+456.15	-45.86	+2.36
320	224	383	0 G	-47.52	-19.50	-136.97	+457.70	-49.82	+2.36
320		0	1 Q1	-19.11	-4.18	+209.62	+229.59	-41.38	+0.99
320		383	1 Q1	-19.11	-7.99	+51.12	+229.59	-41.38	+0.99
320		0	11 M1	-7.69	-1.78	+42.62	+170.27	-22.16	+0.41
320		383	11 M1	-7.69	-3.33	-42.26	+170.27	-22.16	+0.41
320		0	12 M2	-6.27	-0.81	-116.77	+80.78	-0.23	+0.37
320		383	12 M2	-6.27	-2.23	-117.64	+80.78	-0.23	+0.37
320		0	13 M3	-6.02	-1.59	+86.21	+103.72	-17.88	+0.29
320		383	13 M3	-6.02	-2.70	+17.72	+103.72	-17.88	+0.29
320		0	14 M4	+1.03	-0.31	+2.24	-40.43	+4.44	-0.10
320		383	14 M4	+1.03	+0.06	+19.24	-40.43	+4.44	-0.10
320		0	15 M5	-5.53	-3.61	+21.81	+74.03	-9.75	+0.03
320		383	15 M5	-5.53	-3.73	-15.54	+74.03	-9.75	+0.03
320		0	16 M6	-19.33	-1.83	+2.37	+227.90	-25.77	+1.25
320		383	16 M6	-19.33	-6.63	-96.32	+227.90	-25.77	+1.25
320		0	17 M7	-1.73	+0.06	-39.51	+53.07	-3.07	+0.08
320		383	17 M7	-1.73	-0.25	-51.27	+53.07	-3.07	+0.08
320	208	0	M+ A	+0.00	+0.00	+473.84	+1258.48	+0.00	+6.36
320	224	383	M+ A	+0.00	+0.00	-0.00	+1260.53	+0.00	+6.36
320	208	0	M- A	-117.98	-24.99	-128.89	+0.00	-155.52	+0.00
320	224	383	M- A	-117.98	-46.67	-358.63	+0.00	-160.79	+0.00
321	209	0	0 G	-49.70	+10.46	+48.99	+450.90	+45.47	-2.62
321	225	383	0 G	-49.70	+20.50	-132.75	+452.44	+49.43	-2.62
321		0	1 Q1	-19.89	+4.13	+211.76	+226.39	+41.18	-1.10
321		383	1 Q1	-19.89	+8.33	+54.03	+226.39	+41.18	-1.10
321		0	11 M1	-9.07	+1.56	+144.44	+96.83	+21.59	-0.56
321		383	11 M1	-9.07	+3.70	+61.75	+96.83	+21.59	-0.56
321		0	12 M2	-3.59	+1.29	-94.61	+53.99	-0.96	-0.11
321		383	12 M2	-3.59	+1.72	-90.94	+53.99	-0.96	-0.11
321		0	13 M3	-8.69	+1.22	+90.60	+148.80	+23.38	-0.56
321		383	13 M3	-8.69	+3.38	+1.05	+148.80	+23.38	-0.56
321		0	14 M4	-2.90	-0.17	-61.49	+81.54	+4.67	-0.19
321		383	14 M4	-2.90	+0.57	-79.37	+81.54	+4.67	-0.19
321		0	15 M5	-20.13	+1.38	+27.97	+226.93	+27.51	-1.41
321		383	15 M5	-20.13	+6.77	-77.39	+226.93	+27.51	-1.41
321		0	16 M6	-4.55	+4.14	+10.72	+36.33	+4.71	+0.09
321		383	16 M6	-4.55	+3.79	-7.32	+36.33	+4.71	+0.09
321		0	17 M7	+0.68	+0.29	+1.32	-26.94	-2.97	+0.07
321		383	17 M7	+0.68	-0.00	+12.72	-26.94	-2.97	+0.07
321	209	0	M+ A	+0.00	+25.70	+567.69	+1245.72	+157.34	+0.00
321	225	383	M+ A	+0.00	+48.67	+32.81	+1247.77	+162.61	+0.00
321	209	0	M- A	-123.14	+0.00	-92.92	+0.00	+0.00	-7.08
321	225	383	M- A	-123.14	+0.00	-312.97	+0.00	+0.00	-7.08
322	210	0	0 G	+52.85	+25.19	+16.19	+518.18	-50.66	-1.28
322	226	383	0 G	+52.85	+30.10	-185.42	+519.72	-54.62	-1.28
322		0	1 Q1	+21.06	+9.92	+200.61	+249.14	-42.93	-0.51
322		383	1 Q1	+21.06	+11.89	+36.17	+249.14	-42.93	-0.51
322		0	11 M1	+8.73	+4.47	+39.55	+177.88	-22.80	-0.17
322		383	11 M1	+8.73	+5.14	-47.77	+177.88	-22.80	-0.17
322		0	12 M2	+6.57	+2.34	-121.27	+89.25	-0.85	-0.25
322		383	12 M2	+6.57	+3.29	-124.53	+89.25	-0.85	-0.25
322		0	13 M3	+7.20	+4.11	+81.87	+112.76	-18.58	-0.13
322		383	13 M3	+7.20	+4.61	+10.69	+112.76	-18.58	-0.13
322		0	14 M4	-0.39	+0.83	+1.58	-37.88	+4.20	+0.08
322		383	14 M4	-0.39	+0.51	+17.66	-37.88	+4.20	+0.08
322		0	15 M5	+8.31	+7.73	+16.86	+87.29	-10.89	+0.18
322		383	15 M5	+8.31	+7.05	-24.86	+87.29	-10.89	+0.18
322		0	16 M6	+18.69	+4.54	-4.06	+239.11	-26.56	-0.87
322		383	16 M6	+18.69	+7.88	-105.78	+239.11	-26.56	-0.87
322		0	17 M7	+1.68	+0.21	-42.99	+58.17	-3.38	-0.11
322		383	17 M7	+1.68	+0.62	-55.95	+58.17	-3.38	-0.11
322	210	0	M+ A	+126.78	+58.49	+415.16	+1384.18	+0.00	+0.00
322	226	383	M+ A	+126.78	+67.91	-0.00	+1386.23	+0.00	+0.00
322	210	0	M- A	+0.00	+0.00	-165.72	+0.00	-165.18	-3.71
322	226	383	M- A	+0.00	+0.00	-433.40	+0.00	-170.45	-3.71
323	211	0	0 G	-3.62	-7.49	+65.66	+353.77	+35.55	-1.21
323	227	381	0 G	-3.62	-2.87	-77.31	+355.31	+39.49	-1.21
323		0	1 Q1	+2.42	-3.43	-96.64	-135.33	-21.43	-0.28
323		381	1 Q1	+2.42	-2.36	-14.98	-135.33	-21.43	-0.28
323		0	11 M1	+0.36	-1.34	-66.72	-53.86	-10.41	-0.18
323		381	11 M1	+0.36	-0.66	-27.04	-53.86	-10.41	-0.18
323		0	12 M2	-2.68	+0.01	+83.32	+205.84	+28.40	-0.19
323		381	12 M2	-2.68	+0.72	-24.89	+205.84	+28.40	-0.19
323		0	13 M3	+2.10	-1.54	+4.95	-108.19	-11.54	-0.02
323		381	13 M3	+2.10	-1.46	+48.91	-108.19	-11.54	-0.02
323		0	14 M4	-3.30	-0.31	+32.80	+215.89	+26.27	-0.27
323		381	14 M4	-3.30	+0.70	-67.28	+215.89	+26.27	-0.27
323		0	15 M5	+2.26	-3.66	+15.53	+30.88	+4.32	-0.25
323		381	15 M5	+2.26	-2.71	-0.92	+30.88	+4.32	-0.25
323		0	16 M6	+0.45	-0.29	+1.00	-25.87	-2.79	-0.01
323		381	16 M6	+0.45	-0.27	+11.64	-25.87	-2.79	-0.01
323		0	17 M7	-0.26	+0.17	-0.57	+14.49	+1.55	-0.00
323		381	17 M7	-0.26	+0.19	-6.46	+14.49	+1.55	-0.00
323	211	0	M+ A	+3.04	+0.00	+212.30	+794.35	+89.89	+0.00
323	227	381	M+ A	+3.04	+0.00	+0.00	+796.40	+95.12	+0.00
323	211	0	M- A	-9.76	-20.09	-164.88	+0.00	-10.69	-2.39
323	227	381	M- A	-9.76	-11.06	-223.95	+0.00	-6.75	-2.39
324	212	0	0 G	-33.80	-3.48	+7.02	+515.22	-49.34	+1.88
324	228	381	0 G	-33.80	-10.65	-188.45	+516.77	-53.27	+1.88
324		0	1 Q1	-15.71	-4.25	-292.71	+356.03	-17.70	+0.53
324		381	1 Q1	-15.71	-6.27	-360.16	+356.03	-17.70	+0.53
324		0	11 M1	-6.98	-1.61	-151.19	+170.00	-7.57	+0.26
324		381	11 M1	-6.98	-2.61	-180.02	+170.00	-7.57	+0.26
324		0	12 M2	-0.72	+1.65	+131.63	+17.61	-11.60	+0.23
324		381	12 M2	-0.72	+0.76	+87.44	+17.61	-11.60	+0.23
324		0	13 M3	-7.96	-3.01	-142.86	+204.56	-12.18	+0.16
324		381	13 M3	-7.96	-3.63	-189.29	+204.56	-12.18	+0.16
324		0	14 M4	-0.22	+2.58	+45.17	+66.63	-10.64	+0.41

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
324		381	14 M4	-0.22	+1.04	+4.63	+66.63	-10.64	+0.41
324		0	15 M5	-17.62	-4.44	-14.07	+250.67	-26.88	+0.78
324		381	15 M5	-17.62	-7.41	-116.50	+250.67	-26.88	+0.78
324		0	16 M6	-1.77	-0.75	-33.70	+51.38	-3.22	-0.13
324		381	16 M6	-1.77	-0.27	-45.96	+51.38	-3.22	-0.13
324		0	17 M7	+0.85	+0.33	+18.47	-28.22	+1.80	-0.06
324		381	17 M7	+0.85	+0.57	+25.31	-28.22	+1.80	-0.06
324	212	0	M+ A	+0.00	+0.39	+206.79	+1541.90	+0.00	+4.39
324	228	381	M+ A	+0.00	+0.00	-0.00	+1543.95	+0.00	+4.39
324	212	0	M- A	-92.59	-17.03	-614.92	+0.00	-129.84	+0.00
324	228	381	M- A	-92.59	-33.74	-1020.78	+0.00	-135.08	+0.00
325	213	0	0 G	+47.22	-9.10	+34.37	+459.01	+45.05	+2.41
325	229	381	0 G	+47.22	-18.30	-144.77	+460.55	+48.99	+2.41
325		0	1 Q1	+17.69	-2.11	-283.22	+338.54	+16.44	+1.04
325		381	1 Q1	+17.69	-6.07	-345.88	+338.54	+16.44	+1.04
325		0	11 M1	+6.44	-0.09	-136.09	+203.23	+12.63	+0.45
325		381	11 M1	+6.44	-1.80	-184.21	+203.23	+12.63	+0.45
325		0	12 M2	+6.77	-1.30	+177.90	+14.96	+14.94	+0.36
325		381	12 M2	+6.77	-2.68	+120.96	+14.96	+14.94	+0.36
325		0	13 M3	+6.27	-1.75	-121.99	+142.87	+6.89	+0.22
325		381	13 M3	+6.27	-2.60	-148.25	+142.87	+6.89	+0.22
325		0	14 M4	-1.16	-0.08	+29.81	-45.64	-2.90	-0.13
325		381	14 M4	-1.16	+0.40	+40.87	-45.64	-2.90	-0.13
325		0	15 M5	+3.13	-0.24	-59.57	+88.98	+5.51	+0.13
325		381	15 M5	+3.13	-0.75	-80.57	+88.98	+5.51	+0.13
325		0	16 M6	+19.22	-1.64	+21.60	+224.74	+26.59	+1.29
325		381	16 M6	+19.22	-6.55	-79.71	+224.74	+26.59	+1.29
325		0	17 M7	+4.23	-3.06	+26.17	+41.20	+6.41	-0.02
325		381	17 M7	+4.23	-2.99	+1.76	+41.20	+6.41	-0.02
325	213	0	M+ A	+115.51	+0.00	+312.56	+1404.62	+122.00	+6.55
325	229	381	M+ A	+115.51	+0.00	+36.67	+1406.67	+127.24	+6.55
325	213	0	M- A	+0.00	-19.54	-552.12	+0.00	+0.00	+0.00
325	229	381	M- A	+0.00	-42.35	-935.80	+0.00	+0.00	+0.00
326	214	0	0 G	+8.78	+3.19	+45.18	+399.99	-39.18	+0.15
326	230	381	0 G	+8.78	+2.63	-111.61	+401.53	-43.12	+0.15
326		0	1 Q1	-4.98	-5.71	-100.33	-122.89	+20.33	-0.23
326		381	1 Q1	-4.98	-4.84	-22.87	-122.89	+20.33	-0.23
326		0	11 M1	-4.40	-4.60	+3.38	-103.77	+11.17	-0.18
326		381	11 M1	-4.40	-3.91	+45.93	-103.77	+11.17	-0.18
326		0	12 M2	+4.14	+2.68	+38.40	+220.03	-26.65	+0.12
326		381	12 M2	+4.14	+2.23	-63.12	+220.03	-26.65	+0.12
326		0	13 M3	+0.49	+0.61	-57.60	-29.67	+7.07	+0.12
326		381	13 M3	+0.49	+0.15	-30.68	-29.67	+7.07	+0.12
326		0	14 M4	+0.94	+0.99	-0.84	+23.23	-2.48	+0.05
326		381	14 M4	+0.94	+0.79	-10.30	+23.23	-2.48	+0.05
326		0	15 M5	-1.94	-1.99	+1.26	-45.03	+4.88	-0.05
326		381	15 M5	-1.94	-1.79	+19.83	-45.03	+4.88	-0.05
326		0	16 M6	-2.87	-4.98	+25.48	+90.67	-11.54	-0.24
326		381	16 M6	-2.87	-4.07	-18.51	+90.67	-11.54	-0.24
326		0	17 M7	+7.03	+7.14	+21.77	+195.18	-23.28	+0.41
326		381	17 M7	+7.03	+5.58	-66.92	+195.18	-23.28	+0.41
326	214	0	M+ A	+22.23	+14.95	+117.69	+862.03	+5.01	+0.81
326	230	381	M+ A	+22.23	+11.87	-0.00	+864.08	+1.07	+0.81
326	214	0	M- A	-4.54	-11.99	-176.67	+0.00	-92.08	-0.52
326	230	381	M- A	-4.54	-10.01	-279.71	+0.00	-97.32	-0.52
327	215	0	0 G	-2.25	+10.42	+48.96	+401.95	+39.67	+0.67
327	231	381	0 G	-2.25	+7.86	-109.68	+403.49	+43.61	+0.67
327		0	1 Q1	-5.28	+6.87	-101.75	-119.85	-20.09	+0.34
327		381	1 Q1	-5.28	+5.58	-25.20	-119.85	-20.09	+0.34
327		0	11 M1	-1.72	+2.85	-69.40	-46.44	-9.79	+0.19
327		381	11 M1	-1.72	+2.13	-32.11	-46.44	-9.79	+0.19
327		0	12 M2	+2.64	-1.25	+81.18	+211.87	+28.91	-0.02
327		381	12 M2	+2.64	-1.16	-28.97	+211.87	+28.91	-0.02
327		0	13 M3	-3.66	+4.08	+2.98	-101.85	-10.98	+0.15
327		381	13 M3	-3.66	+3.50	+44.81	-101.85	-10.98	+0.15
327		0	14 M4	+3.17	-1.86	+30.34	+221.07	+26.66	-0.07
327		381	14 M4	+3.17	-1.60	-71.24	+221.07	+26.66	-0.07
327		0	15 M5	-5.31	+7.51	+10.01	+45.35	+5.52	+0.35
327		381	15 M5	-5.31	+6.16	-11.02	+45.35	+5.52	+0.35
327		0	16 M6	-0.66	+0.68	+0.35	-21.51	-2.36	+0.00
327		381	16 M6	-0.66	+0.68	+9.33	-21.51	-2.36	+0.00
327		0	17 M7	+0.48	-0.53	-0.51	+15.41	+1.65	-0.03
327		381	17 M7	+0.48	-0.42	-6.80	+15.41	+1.65	-0.03
327	215	0	M+ A	+2.51	+34.39	+186.89	+866.19	+96.13	+1.88
327	231	381	M+ A	+2.51	+27.22	+0.00	+868.24	+101.36	+1.88
327	215	0	M- A	-18.08	+0.00	-192.51	+0.00	-3.92	+0.00
327	231	381	M- A	-18.08	+0.00	-286.75	+0.00	+0.00	+0.00
328	216	0	0 G	+42.89	+0.84	+38.91	+453.29	-44.77	-3.08
328	232	381	0 G	+42.89	+12.57	-139.18	+454.83	-48.71	-3.08
328		0	1 Q1	+17.27	+0.49	-281.67	+335.10	-16.18	-1.18
328		381	1 Q1	+17.27	+4.98	-343.32	+335.10	-16.18	-1.18
328		0	11 M1	+7.95	-0.02	-146.46	+160.65	-6.87	-0.56
328		381	11 M1	+7.95	+2.11	-172.64	+160.65	-6.87	-0.56
328		0	12 M2	+2.60	-0.13	+135.37	+10.19	-11.05	-0.21
328		381	12 M2	+2.60	+0.68	+93.28	+10.19	-11.05	-0.21
328		0	13 M3	+7.90	+0.12	-137.95	+195.51	-11.54	-0.55
328		381	13 M3	+7.90	+2.21	-181.91	+195.51	-11.54	-0.55
328		0	14 M4	+3.19	+0.16	+46.86	+62.18	-10.27	-0.28
328		381	14 M4	+3.19	+1.23	+7.74	+62.18	-10.27	-0.28
328		0	15 M5	+19.29	+0.24	-5.36	+233.14	-25.57	-1.44
328		381	15 M5	+19.29	+5.73	-102.77	+233.14	-25.57	-1.44
328		0	16 M6	+1.75	+0.24	-28.89	+43.30	-2.68	-0.00
328		381	16 M6	+1.75	+0.25	-39.08	+43.30	-2.68	-0.00
328		0	17 M7	-0.83	+0.05	+19.89	-30.39	+1.93	+0.09
328		381	17 M7	-0.83	-0.28	+27.24	-30.39	+1.93	+0.09
328	216	0	M+ A	+109.29	+2.14	+254.81	+1404.97	+0.00	+0.00
328	232	381	M+ A	+109.29	+32.05	+0.74	+1407.02	+0.00	+0.00
328	216	0	M- A	+0.00	+0.00	-561.03	+0.00	-119.75	-7.85
328	232	381	M- A	+0.00	+0.00	-921.46	+0.00	-124.98	-7.85
329	217	0	0 G	-24.73	-12.08	+3.80	+520.23	+49.63	-3.09
329	233	381	0 G	-24.73	-0.29	-192.79	+521.77	+53.57	-3.09
329		0	1 Q1	-15.78	+2.85	-293.68	+357.34	+17.77	-0.69
329		381	1 Q1	-15.78	+5.49	-361.37	+357.34	+17.77	-0.69
329		0	11 M1	-8.28	+3.81	-140.56	+210.31	+13.09	-0.07
329		381	11 M1	-8.28	+4.07	-190.42	+210.31	+13.09	-0.07
329		0	12 M2	-1.76	-4.00	+174.13	+23.60	+15.63	-0.63

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
329		381	12 M2	-1.76	-1.61	+114.57	+23.60	+15.63	-0.63
329		0	13 M3	-2.88	-1.63	-126.54	+151.70	+7.54	-0.34
329		381	13 M3	-2.88	-0.34	-155.28	+151.70	+7.54	-0.34
329		0	14 M4	+1.54	-0.72	+28.36	-43.24	-2.74	+0.08
329		381	14 M4	+1.54	-1.02	+38.81	-43.24	-2.74	+0.08
329		0	15 M5	-3.98	+1.88	-67.16	+101.29	+6.32	+0.12
329		381	15 M5	-3.98	+1.42	-91.23	+101.29	+6.32	+0.12
329		0	16 M6	-16.48	+1.64	+16.20	+236.01	+27.45	-1.07
329		381	16 M6	-16.48	+5.72	-88.39	+236.01	+27.45	-1.07
329		0	17 M7	+4.94	-8.46	+24.67	+46.86	+6.94	-0.73
329		381	17 M7	+4.94	-5.67	-1.76	+46.86	+6.94	-0.73
329	217	0	M+ A	+0.00	+0.00	+266.25	+1528.33	+131.17	+0.00
329	233	381	M+ A	+0.00	+15.71	+0.00	+1530.39	+136.41	+0.00
329	217	0	M- A	-78.91	-28.75	-603.51	+0.00	+0.00	-6.66
329	233	381	M- A	-78.91	-8.88	-1029.89	+0.00	+0.00	-6.66
330	218	0	0 G	-10.58	+13.69	+62.49	+349.49	-34.86	+2.62
330	234	381	0 G	-10.58	+3.71	-77.82	+351.04	-38.80	+2.62
330		0	1 Q1	+3.27	+4.91	-97.27	-135.33	+21.49	+0.39
330		381	1 Q1	+3.27	+3.44	-15.40	-135.33	+21.49	+0.39
330		0	11 M1	+3.43	+1.50	+3.43	-106.96	+11.52	-0.10
330		381	11 M1	+3.43	+1.89	+47.32	-106.96	+11.52	-0.10
330		0	12 M2	-4.06	+1.60	+42.04	+211.33	-25.95	+0.50
330		381	12 M2	-4.06	-0.30	-56.83	+211.33	-25.95	+0.50
330		0	13 M3	-0.87	+2.07	-55.45	-36.53	+7.67	+0.32
330		381	13 M3	-0.87	+0.85	-26.23	-36.53	+7.67	+0.32
330		0	14 M4	-0.69	-0.29	-0.70	+21.93	-2.35	+0.03
330		381	14 M4	-0.69	-0.39	-9.66	+21.93	-2.35	+0.03
330		0	15 M5	+1.63	+0.70	+1.57	-50.99	+5.51	-0.04
330		381	15 M5	+1.63	+0.84	+22.58	-50.99	+5.51	-0.04
330		0	16 M6	+1.35	+4.74	+29.34	+80.64	-10.71	+0.43
330		381	16 M6	+1.35	+3.10	-11.48	+80.64	-10.71	+0.43
330		0	17 M7	-6.53	+2.17	+26.12	+186.72	-22.66	+0.82
330		381	17 M7	-6.53	-0.96	-60.23	+186.72	-22.66	+0.82
330	218	0	M+ A	+0.00	+31.94	+146.17	+781.82	+11.43	+5.24
330	234	381	M+ A	+0.00	+14.22	-0.00	+783.87	+7.49	+5.24
330	218	0	M- A	-23.86	+0.00	-152.00	+0.00	-85.29	+0.00
330	234	381	M- A	-23.86	+0.00	-214.65	+0.00	-90.52	+0.00
331	219	0	0 G	+5.34	+1.62	-32.20	+353.29	+28.29	+1.08
331	235	349	0 G	+5.34	-2.14	-137.48	+354.80	+31.87	+1.08
331		0	1 Q1	-3.13	+3.67	+382.01	-191.15	+11.51	+0.30
331		349	1 Q1	-3.13	+2.61	+341.74	-191.15	+11.51	+0.30
331		0	11 M1	-1.91	+2.81	+222.94	-88.54	+9.19	+0.27
331		349	11 M1	-1.91	+1.87	+190.77	-88.54	+9.19	+0.27
331		0	12 M2	+2.58	-0.66	-234.19	+235.34	+6.00	+0.22
331		349	12 M2	+2.58	-1.44	-255.19	+235.34	+6.00	+0.22
331		0	13 M3	-1.08	+0.26	+108.01	-115.79	-3.51	-0.05
331		349	13 M3	-1.08	+0.44	+120.28	-115.79	-3.51	-0.05
331		0	14 M4	+3.05	-0.46	-84.28	+220.12	+16.97	+0.34
331		349	14 M4	+3.05	-1.63	-143.66	+220.12	+16.97	+0.34
331		0	15 M5	+0.14	-0.05	-34.24	+35.09	+0.97	+0.10
331		349	15 M5	+0.14	-0.39	-37.63	+35.09	+0.97	+0.10
331		0	16 M6	-0.24	+0.05	+25.83	-27.64	-0.84	-0.02
331		349	16 M6	-0.24	+0.12	+28.75	-27.64	-0.84	-0.02
331		0	17 M7	+0.15	-0.04	-14.55	+15.58	+0.47	+0.00
331		349	17 M7	+0.15	-0.05	-16.19	+15.58	+0.47	+0.00
331	219	0	M+ A	+11.68	+11.32	+817.92	+822.88	+78.61	+2.34
331	235	349	M+ A	+11.68	+4.18	+610.02	+824.89	+83.37	+2.34
331	219	0	M- A	-1.75	+0.00	-394.12	-78.45	+0.00	+0.00
331	235	349	M- A	-1.75	-5.30	-565.64	-76.94	+0.00	+0.00
332	220	0	0 G	-15.45	-12.81	-54.89	+395.30	-30.89	-0.06
332	236	349	0 G	-15.45	-12.61	-169.28	+396.81	-34.47	-0.06
332		0	1 Q1	+3.29	+2.79	+371.74	-179.41	-11.90	+0.31
332		349	1 Q1	+3.29	+1.69	+330.11	-179.41	-11.90	+0.31
332		0	11 M1	+2.90	+2.19	+104.59	-111.83	+3.37	+0.18
332		349	11 M1	+2.90	+1.55	+116.40	-111.83	+3.37	+0.18
332		0	12 M2	-6.02	-5.18	-229.91	+241.11	-7.00	-0.15
332		349	12 M2	-6.02	-4.67	-254.40	+241.11	-7.00	-0.15
332		0	13 M3	-2.18	-2.66	+193.81	-60.14	-9.78	-0.14
332		349	13 M3	-2.18	-2.17	+159.57	-60.14	-9.78	-0.14
332		0	14 M4	-0.57	-0.45	-23.21	+24.88	-0.75	-0.03
332		349	14 M4	-0.57	-0.36	-25.85	+24.88	-0.75	-0.03
332		0	15 M5	+1.42	+1.05	+45.79	-48.84	+1.47	+0.11
332		349	15 M5	+1.42	+0.67	+50.94	-48.84	+1.47	+0.11
332		0	16 M6	-2.17	-2.27	-95.56	+99.67	-2.86	+0.09
332		349	16 M6	-2.17	-2.59	-105.58	+99.67	-2.86	+0.09
332		0	17 M7	-6.45	-5.80	-49.90	+195.37	-17.13	-0.32
332		349	17 M7	-6.45	-4.69	-109.86	+195.37	-17.13	-0.32
332	220	0	M+ A	+0.00	+0.00	+737.68	+887.42	+0.00	+0.64
332	236	349	M+ A	+0.00	+0.00	+515.72	+889.43	+0.00	+0.64
332	220	0	M- A	-30.23	-25.75	-417.87	-14.64	-82.85	-0.56
332	236	349	M- A	-30.23	-23.80	-606.75	-13.13	-87.61	-0.56
333	221	0	0 G	-7.98	+5.47	-72.59	+399.66	+29.86	-0.62
333	237	349	0 G	-7.98	+7.63	-183.36	+401.17	+33.44	-0.62
333		0	1 Q1	+3.13	-3.08	+369.21	-176.46	+12.00	-0.41
333		349	1 Q1	+3.13	-1.64	+327.21	-176.46	+12.00	-0.41
333		0	11 M1	+1.72	-2.25	+216.79	-81.46	+9.43	-0.29
333		349	11 M1	+1.72	-1.25	+183.78	-81.46	+9.43	-0.29
333		0	12 M2	-3.43	+2.54	-239.38	+241.28	+6.20	-0.01
333		349	12 M2	-3.43	+2.59	-261.09	+241.28	+6.20	-0.01
333		0	13 M3	+1.42	-0.81	+102.83	-109.85	-3.31	-0.12
333		349	13 M3	+1.42	-0.40	+114.40	-109.85	-3.31	-0.12
333		0	14 M4	-4.26	+3.45	-88.72	+225.29	+17.15	+0.05
333		349	14 M4	-4.26	+3.27	-148.74	+225.29	+17.15	+0.05
333		0	15 M5	-0.25	+0.62	-46.11	+48.78	+1.43	-0.21
333		349	15 M5	-0.25	+1.37	-51.12	+48.78	+1.43	-0.21
333		0	16 M6	+0.37	-0.19	+22.11	-23.47	-0.70	-0.04
333		349	16 M6	+0.37	-0.05	+24.56	-23.47	-0.70	-0.04
333		0	17 M7	-0.18	+0.11	-15.37	+16.48	+0.50	+0.01
333		349	17 M7	-0.18	+0.09	-17.12	+16.48	+0.50	+0.01
333	221	0	M+ A	+0.00	+12.45	+751.03	+893.47	+81.64	+0.00
333	237	349	M+ A	+0.00	+15.06	+534.03	+895.48	+86.39	+0.00
333	221	0	M- A	-17.00	-2.06	-455.62	-3.34	+0.00	-1.80
333	237	349	M- A	-17.00	+0.00	-635.51	-1.83	+0.00	-1.80
334	222	0	0 G	+7.80	-9.43	-10.96	+345.19	-29.22	-2.80
334	238	349	0 G	+7.80	+0.37	-119.51	+346.70	-32.80	-2.80
334		0	1 Q1	-3.42	-4.17	+382.48	-191.44	-11.51	-0.39

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
334		349	1 Q1	-3.42	-2.79	+342.18	-191.44	-11.51	-0.39
334		0	11 M1	-1.96	-0.03	+107.32	-114.75	+3.46	+0.18
334		349	11 M1	-1.96	-0.67	+119.42	-114.75	+3.46	+0.18
334		0	12 M2	+4.03	+0.04	-222.33	+232.36	-6.70	-0.53
334		349	12 M2	+4.03	+1.90	-245.77	+232.36	-6.70	-0.53
334		0	13 M3	+1.22	-0.67	+199.78	-66.95	-9.55	-0.31
334		349	13 M3	+1.22	+0.42	+166.34	-66.95	-9.55	-0.31
334		0	14 M4	+0.41	+0.01	-22.03	+23.58	-0.71	-0.03
334		349	14 M4	+0.41	+0.13	-24.52	+23.58	-0.71	-0.03
334		0	15 M5	-0.90	-0.00	+51.08	-54.58	+1.64	+0.10
334		349	15 M5	-0.90	-0.36	+56.82	-54.58	+1.64	+0.10
334		0	16 M6	+1.36	-0.03	-87.02	+89.92	-2.54	-0.30
334		349	16 M6	+1.36	+1.04	-95.91	+89.92	-2.54	-0.30
334		0	17 M7	+3.18	-3.74	-42.54	+186.65	-16.82	-1.07
334		349	17 M7	+3.18	+0.01	-101.39	+186.65	-16.82	-1.07
334	222	0	M+ A	+16.42	+0.00	+805.05	+807.65	+0.00	+0.00
334	238	349	M+ A	+16.42	+3.35	+591.95	+809.66	+0.00	+0.00
334	222	0	M- A	+0.00	-23.78	-348.07	-85.39	-79.63	-5.86
334	238	349	M- A	+0.00	-4.40	-527.59	-83.87	-84.39	-5.86
335	223	0	0 G	+48.46	-31.72	-182.27	+517.43	+24.79	+0.92
335	239	392	0 G	+48.46	-35.33	-287.21	+519.23	+28.75	+0.92
335		0	1 Q1	+19.29	-12.64	+36.85	+249.77	+28.60	+0.40
335		392	1 Q1	+19.29	-14.20	-75.26	+249.77	+28.60	+0.40
335		0	11 M1	+8.71	-5.66	+53.83	+107.39	+16.18	+0.21
335		392	11 M1	+8.71	-6.48	-9.57	+107.39	+16.18	+0.21
335		0	12 M2	+3.88	-2.98	-96.58	+61.36	-3.86	-0.01
335		392	12 M2	+3.88	-2.96	-81.45	+61.36	-3.86	-0.01
335		0	13 M3	+8.24	-5.17	-6.31	+159.16	+15.04	+0.23
335		392	13 M3	+8.24	-6.08	-65.28	+159.16	+15.04	+0.23
335		0	14 M4	+2.50	-0.97	-83.11	+85.90	+0.05	+0.10
335		392	14 M4	+2.50	-1.35	-83.31	+85.90	+0.05	+0.10
335		0	15 M5	+18.15	-9.63	-92.29	+245.72	+14.77	+0.71
335		392	15 M5	+18.15	-12.43	-150.17	+245.72	+14.77	+0.71
335		0	16 M6	+5.79	-6.13	-13.40	+45.15	+2.88	-0.23
335		392	16 M6	+5.79	-5.23	-24.67	+45.15	+2.88	-0.23
335		0	17 M7	-0.31	-0.25	+11.62	-24.77	-1.32	-0.04
335		392	17 M7	-0.31	-0.10	+16.78	-24.77	-1.32	-0.04
335	223	0	M+ A	+117.71	+0.00	+0.00	+1393.95	+95.84	+2.83
335	239	392	M+ A	+117.71	+0.00	+0.00	+1396.35	+101.11	+2.83
335	223	0	M- A	+0.00	-73.69	-387.28	+0.00	+0.00	+0.00
335	239	392	M- A	+0.00	-84.79	-708.85	+0.00	+0.00	+0.00
336	224	0	0 G	-46.33	-22.18	-137.02	+459.79	-23.66	+2.36
336	240	392	0 G	-46.33	-31.42	-237.53	+461.60	-27.62	+2.36
336		0	1 Q1	-18.62	-9.07	+51.07	+231.57	-28.23	+0.99
336		392	1 Q1	-18.62	-12.96	-59.60	+231.57	-28.23	+0.99
336		0	11 M1	-7.49	-3.77	-42.28	+171.25	-12.42	+0.41
336		392	11 M1	-7.49	-5.36	-90.98	+171.25	-12.42	+0.41
336		0	12 M2	-6.13	-2.58	-117.64	+80.66	+4.38	+0.37
336		392	12 M2	-6.13	-4.04	-100.48	+80.66	+4.38	+0.37
336		0	13 M3	-5.86	-3.04	+17.70	+104.57	-11.94	+0.29
336		392	13 M3	-5.86	-4.18	-29.11	+104.57	-11.94	+0.29
336		0	14 M4	+1.03	+0.12	+19.24	-40.61	+2.13	-0.10
336		392	14 M4	+1.03	+0.50	+27.58	-40.61	+2.13	-0.10
336		0	15 M5	-5.31	-4.04	-15.55	+74.47	-5.52	+0.03
336		392	15 M5	-5.31	-4.16	-37.17	+74.47	-5.52	+0.03
336		0	16 M6	-18.92	-7.73	-96.35	+229.00	-12.74	+1.25
336		392	16 M6	-18.92	-12.65	-146.29	+229.00	-12.74	+1.25
336		0	17 M7	-1.71	-0.35	-51.27	+53.15	-0.04	+0.08
336		392	17 M7	-1.71	-0.67	-51.43	+53.15	-0.04	+0.08
336	224	0	M+ A	+0.00	+0.00	-0.00	+1267.64	+0.00	+6.36
336	240	392	M+ A	+0.00	+0.00	-0.00	+1270.05	+0.00	+6.36
336	224	0	M- A	-115.13	-53.33	-358.70	+0.00	-88.70	+0.00
336	240	392	M- A	-115.13	-78.25	-615.81	+0.00	-93.96	+0.00
337	225	0	0 G	-48.45	+23.30	-132.81	+454.53	+23.57	-2.62
337	241	392	0 G	-48.45	+33.57	-232.96	+456.33	+27.53	-2.62
337		0	1 Q1	-19.38	+9.46	+53.99	+228.37	+28.21	-1.10
337		392	1 Q1	-19.38	+13.76	-56.61	+228.37	+28.21	-1.10
337		0	11 M1	-8.84	+4.21	+61.73	+97.90	+16.04	-0.56
337		392	11 M1	-8.84	+6.40	-1.14	+97.90	+16.04	-0.56
337		0	12 M2	-3.49	+1.93	-90.94	+53.85	-4.03	-0.11
337		392	12 M2	-3.49	+2.37	-75.13	+53.85	-4.03	-0.11
337		0	13 M3	-8.48	+3.87	+1.02	+149.89	+14.87	-0.56
337		392	13 M3	-8.48	+6.09	-57.26	+149.89	+14.87	-0.56
337		0	14 M4	-2.87	+0.73	-79.38	+81.67	+0.01	-0.19
337		392	14 M4	-2.87	+1.49	-79.43	+81.67	+0.01	-0.19
337		0	15 M5	-19.71	+7.91	-77.42	+228.13	+14.53	-1.41
337		392	15 M5	-19.71	+13.43	-134.39	+228.13	+14.53	-1.41
337		0	16 M6	-4.32	+4.05	-7.32	+36.54	+2.63	+0.09
337		392	16 M6	-4.32	+3.69	-17.64	+36.54	+2.63	+0.09
337		0	17 M7	+0.68	-0.04	+12.72	-27.06	-1.43	+0.07
337		392	17 M7	+0.68	-0.33	+18.34	-27.06	-1.43	+0.07
337	225	0	M+ A	+0.00	+55.62	+32.67	+1255.01	+93.49	+0.00
337	241	392	M+ A	+0.00	+83.37	+0.00	+1257.41	+98.76	+0.00
337	225	0	M- A	-120.17	+0.00	-313.04	+0.00	+0.00	-7.08
337	241	392	M- A	-120.17	+0.00	-587.85	+0.00	+0.00	-7.08
338	226	0	0 G	+51.05	+33.07	-185.47	+521.99	-24.92	-1.28
338	242	392	0 G	+51.05	+38.10	-290.90	+523.80	-28.87	-1.28
338		0	1 Q1	+20.35	+13.07	+36.13	+251.18	-28.67	-0.51
338		392	1 Q1	+20.35	+15.09	-76.25	+251.18	-28.67	-0.51
338		0	11 M1	+8.42	+5.62	-47.80	+178.89	-12.63	-0.17
338		392	11 M1	+8.42	+6.31	-97.30	+178.89	-12.63	-0.17
338		0	12 M2	+6.37	+3.66	-124.53	+89.15	+4.24	-0.25
338		392	12 M2	+6.37	+4.63	-107.92	+89.15	+4.24	-0.25
338		0	13 M3	+6.93	+5.01	+10.67	+113.64	-12.13	-0.13
338		392	13 M3	+6.93	+5.51	-36.87	+113.64	-12.13	-0.13
338		0	14 M4	-0.42	+0.49	+17.66	-38.05	+2.03	+0.08
338		392	14 M4	-0.42	+0.15	+25.62	-38.05	+2.03	+0.08
338		0	15 M5	+7.89	+7.51	-24.87	+87.77	-5.90	+0.18
338		392	15 M5	+7.89	+6.81	-48.00	+87.77	-5.90	+0.18
338		0	16 M6	+18.21	+8.93	-105.81	+240.23	-12.89	-0.87
338		392	16 M6	+18.21	+12.35	-156.34	+240.23	-12.89	-0.87
338		0	17 M7	+1.65	+0.71	-55.96	+58.26	-0.06	-0.11
338		392	17 M7	+1.65	+1.13	-56.21	+58.26	-0.06	-0.11
338	226	0	M+ A	+122.70	+75.03	-0.00	+1393.69	+0.00	+0.00
338	242	392	M+ A	+122.70	+89.57	-0.00	+1396.09	+0.00	+0.00
338	226	0	M- A	+0.00	+0.00	-433.48	+0.00	-91.17	-3.71
338	242	392	M- A	+0.00	+0.00	-724.34	+0.00	-96.44	-3.71

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
339	227	0	0 G	-3.77	-2.67	-77.40	+356.95	+19.93	-1.21
339	243	390	0 G	-3.77	+2.06	-162.82	+358.74	+23.87	-1.21
339		0	1 Q1	+2.28	-2.49	-14.92	-136.31	-13.97	-0.28
339		390	1 Q1	+2.28	-1.39	+39.58	-136.31	-13.97	-0.28
339		0	11 M1	+0.32	-0.68	-27.02	-54.35	-7.44	-0.18
339		390	11 M1	+0.32	+0.01	+2.01	-54.35	-7.44	-0.18
339		0	12 M2	-2.63	+0.87	-24.96	+207.09	+17.06	-0.19
339		390	12 M2	-2.63	+1.60	-91.49	+207.09	+17.06	-0.19
339		0	13 M3	+2.01	-1.58	+48.94	-108.66	-5.58	-0.02
339		390	13 M3	+2.01	-1.50	+70.71	-108.66	-5.58	-0.02
339		0	14 M4	-3.26	+0.88	-67.34	+217.01	+14.38	-0.27
339		390	14 M4	-3.26	+1.92	-123.42	+217.01	+14.38	-0.27
339		0	15 M5	+2.11	-2.83	-0.93	+31.07	+2.62	-0.25
339		390	15 M5	+2.11	-1.85	-11.15	+31.07	+2.62	-0.25
339		0	16 M6	+0.43	-0.29	+11.64	-25.98	-1.37	-0.01
339		390	16 M6	+0.43	-0.27	+16.97	-25.98	-1.37	-0.01
339		0	17 M7	-0.25	+0.20	-6.46	+14.56	+0.75	-0.00
339		390	17 M7	-0.25	+0.22	-9.37	+14.56	+0.75	-0.00
339	227	0	M+ A	+2.48	+0.00	+0.00	+800.25	+52.10	+0.00
339	243	390	M+ A	+2.48	+5.61	+0.00	+802.64	+57.34	+0.00
339	227	0	M- A	-9.90	-11.14	-224.10	+0.00	-10.09	-2.39
339	243	390	M- A	-9.90	-2.58	-401.68	+0.00	-6.16	-2.39
340	228	0	0 G	-33.16	-12.49	-188.58	+518.91	-24.83	+1.88
340	244	390	0 G	-33.16	-19.83	-293.11	+520.71	-28.77	+1.88
340		0	1 Q1	-15.35	-7.12	-360.20	+356.47	+1.86	+0.53
340		390	1 Q1	-15.35	-9.18	-352.93	+356.47	+1.86	+0.53
340		0	11 M1	-6.83	-2.99	-180.04	+170.16	+1.78	+0.26
340		390	11 M1	-6.83	-4.02	-173.12	+170.16	+1.78	+0.26
340		0	12 M2	-0.76	+0.72	+87.41	+18.22	-10.62	+0.23
340		390	12 M2	-0.76	-0.19	+46.01	+18.22	-10.62	+0.23
340		0	13 M3	-7.75	-4.06	-189.32	+204.92	-0.94	+0.16
340		390	13 M3	-7.75	-4.70	-192.98	+204.92	-0.94	+0.16
340		0	14 M4	-0.28	+1.02	+4.60	+67.11	-6.97	+0.41
340		390	14 M4	-0.28	-0.56	-22.58	+67.11	-6.97	+0.41
340		0	15 M5	-17.18	-8.37	-116.57	+251.77	-13.09	+0.78
340		390	15 M5	-17.18	-11.41	-167.61	+251.77	-13.09	+0.78
340		0	16 M6	-1.75	-0.36	-45.97	+51.48	-0.39	-0.13
340		390	16 M6	-1.75	+0.13	-47.50	+51.48	-0.39	-0.13
340		0	17 M7	+0.82	+0.62	+25.31	-28.28	+0.24	-0.06
340		390	17 M7	+0.82	+0.87	+26.26	-28.28	+0.24	-0.06
340	228	0	M+ A	+0.00	+0.00	-0.00	+1549.04	+0.00	+4.39
340	244	390	M+ A	+0.00	+0.00	-0.00	+1551.43	+0.00	+4.39
340	228	0	M- A	-90.60	-38.78	-1021.06	+0.00	-52.66	+0.00
340	244	390	M- A	-90.60	-55.88	-1155.76	+0.00	-57.90	+0.00
341	229	0	0 G	+46.15	-20.87	-144.89	+462.55	+23.64	+2.41
341	245	390	0 G	+46.15	-30.29	-244.76	+464.35	+27.58	+2.41
341		0	1 Q1	+17.33	-7.03	-345.92	+338.93	-2.16	+1.04
341		390	1 Q1	+17.33	-11.08	-337.49	+338.93	-2.16	+1.04
341		0	11 M1	+6.34	-2.16	-184.24	+203.62	+1.46	+0.45
341		390	11 M1	+6.34	-3.91	-189.92	+203.62	+1.46	+0.45
341		0	12 M2	+6.61	-3.05	+120.93	+15.76	+14.10	+0.36
341		390	12 M2	+6.61	-4.45	+65.94	+15.76	+14.10	+0.36
341		0	13 M3	+6.12	-2.94	-148.27	+143.03	-0.96	+0.22
341		390	13 M3	+6.12	-3.81	-144.53	+143.03	-0.96	+0.22
341		0	14 M4	-1.13	+0.47	+40.87	-45.73	-0.39	-0.13
341		390	14 M4	-1.13	+0.96	+42.41	-45.73	-0.39	-0.13
341		0	15 M5	+3.08	-0.92	-80.58	+89.15	+0.62	+0.13
341		390	15 M5	+3.08	-1.44	-83.00	+89.15	+0.62	+0.13
341		0	16 M6	+18.83	-7.59	-79.77	+225.86	+14.21	+1.29
341		390	16 M6	+18.83	-12.62	-135.21	+225.86	+14.21	+1.29
341		0	17 M7	+4.06	-3.21	+1.74	+41.49	+4.14	-0.02
341		390	17 M7	+4.06	-3.14	-14.40	+41.49	+4.14	-0.02
341	229	0	M+ A	+113.01	+0.00	+36.50	+1411.54	+52.76	+6.55
341	245	390	M+ A	+113.01	+0.00	+0.00	+1413.93	+58.00	+6.55
341	229	0	M- A	+0.00	-48.64	-936.05	+0.00	+0.00	+0.00
341	245	390	M- A	+0.00	-74.18	-1066.02	+0.00	+0.00	+0.00
342	230	0	0 G	+8.63	+3.11	-111.72	+403.29	-21.02	+0.15
342	246	390	0 G	+8.63	+2.53	-201.38	+405.09	-24.96	+0.15
342		0	1 Q1	-4.71	-5.11	-22.83	-123.82	+13.55	-0.23
342		390	1 Q1	-4.71	-4.22	+30.04	-123.82	+13.55	-0.23
342		0	11 M1	-4.18	-4.15	+45.95	-104.22	+5.45	-0.18
342		390	11 M1	-4.18	-3.44	+67.23	-104.22	+5.45	-0.18
342		0	12 M2	+4.01	+2.45	-63.19	+221.16	-14.53	+0.12
342		390	12 M2	+4.01	+1.99	-119.85	+221.16	-14.53	+0.12
342		0	13 M3	+0.48	+0.18	-30.66	-30.01	+5.43	+0.12
342		390	13 M3	+0.48	-0.30	-9.50	-30.01	+5.43	+0.12
342		0	14 M4	+0.89	+0.84	-10.31	+23.33	-1.21	+0.05
342		390	14 M4	+0.89	+0.64	-15.01	+23.33	-1.21	+0.05
342		0	15 M5	-1.84	-1.90	+19.84	-45.23	+2.40	-0.05
342		390	15 M5	-1.84	-1.70	+29.19	-45.23	+2.40	-0.05
342		0	16 M6	-2.65	-4.22	-18.53	+91.17	-6.55	-0.24
342		390	16 M6	-2.65	-3.29	-44.08	+91.17	-6.55	-0.24
342		0	17 M7	+6.72	+5.96	-66.98	+196.16	-12.53	+0.41
342		390	17 M7	+6.72	+4.36	-115.85	+196.16	-12.53	+0.41
342	230	0	M+ A	+21.55	+13.07	-0.00	+868.12	+5.46	+0.81
342	246	390	M+ A	+21.55	+9.92	-0.00	+870.51	+1.52	+0.81
342	230	0	M- A	-4.00	-10.12	-279.87	+0.00	-49.75	-0.52
342	246	390	M- A	-4.00	-8.32	-447.62	+0.00	-54.99	-0.52
343	231	0	0 G	-1.81	+7.97	-109.79	+405.27	+21.40	+0.67
343	247	390	0 G	-1.81	+5.35	-200.92	+407.07	+25.34	+0.67
343		0	1 Q1	-4.97	+5.86	-25.15	-120.78	-13.48	+0.34
343		390	1 Q1	-4.97	+4.54	+27.43	-120.78	-13.48	+0.34
343		0	11 M1	-1.60	+2.22	-32.09	-46.91	-7.22	+0.19
343		390	11 M1	-1.60	+1.48	-3.92	-46.91	-7.22	+0.19
343		0	12 M2	+2.57	-1.30	-29.04	+213.14	+17.24	-0.02
343		390	12 M2	+2.57	-1.21	-96.27	+213.14	+17.24	-0.02
343		0	13 M3	-3.46	+3.69	+44.84	-102.30	-5.37	+0.15
343		390	13 M3	-3.46	+3.09	+65.79	-102.30	-5.37	+0.15
343		0	14 M4	+3.08	-1.77	-71.30	+222.20	+14.49	-0.07
343		390	14 M4	+3.08	-1.51	-127.79	+222.20	+14.49	-0.07
343		0	15 M5	-4.96	+6.44	-11.03	+45.58	+3.02	+0.35
343		390	15 M5	-4.96	+5.06	-22.83	+45.58	+3.02	+0.35
343		0	16 M6	-0.62	+0.71	+9.33	-21.60	-1.17	+0.00
343		390	16 M6	-0.62	+0.70	+13.90	-21.60	-1.17	+0.00
343		0	17 M7	+0.45	-0.44	-6.80	+15.47	+0.80	-0.03
343		390	17 M7	+0.45	-0.33	-9.93	+15.47	+0.80	-0.03
343	231	0	M+ A	+2.81	+28.17	+0.00	+872.32	+54.32	+1.88

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
343	247	390	M+ A	+2.81	+20.84	+0.00	+874.71	+59.56	+1.88
343	231	0	M- A	-16.56	+0.00	-286.92	+0.00	-7.64	+0.00
343	247	390	M- A	-16.56	+0.00	-458.92	+0.00	-3.70	+0.00
344	232	0	0 G	+42.13	+14.91	-139.30	+456.82	-23.68	-3.08
344	248	390	0 G	+42.13	+26.92	-239.32	+458.62	-27.62	-3.08
344		0	1 Q1	+16.97	+5.93	-343.36	+335.48	+2.23	-1.18
344		390	1 Q1	+16.97	+10.53	-334.65	+335.48	+2.23	-1.18
344		0	11 M1	+7.82	+2.55	-172.65	+160.79	+1.96	-0.56
344		390	11 M1	+7.82	+4.73	-165.03	+160.79	+1.96	-0.56
344		0	12 M2	+2.56	+0.83	+93.25	+10.78	-10.47	-0.21
344		390	12 M2	+2.56	+1.66	+52.41	+10.78	-10.47	-0.21
344		0	13 M3	+7.76	+2.64	-181.94	+195.85	-0.79	-0.55
344		390	13 M3	+7.76	+4.77	-185.02	+195.85	-0.79	-0.55
344		0	14 M4	+3.11	+1.40	+7.72	+62.65	-6.84	-0.28
344		390	14 M4	+3.11	+2.49	-18.95	+62.65	-6.84	-0.28
344		0	15 M5	+18.94	+6.79	-102.83	+234.19	-12.73	-1.44
344		390	15 M5	+18.94	+12.41	-152.50	+234.19	-12.73	-1.44
344		0	16 M6	+1.74	+0.35	-39.09	+43.38	-0.29	-0.00
344		390	16 M6	+1.74	+0.35	-40.24	+43.38	-0.29	-0.00
344		0	17 M7	-0.81	-0.33	+27.25	-30.45	+0.26	+0.09
344		390	17 M7	-0.81	-0.66	+28.26	-30.45	+0.26	+0.09
344	232	0	M+ A	+107.36	+38.02	+0.58	+1411.76	+0.00	+0.00
344	248	390	M+ A	+107.36	+68.63	-0.00	+1414.15	+0.00	+0.00
344	232	0	M- A	+0.00	+0.00	-921.72	+0.00	-50.59	-7.85
344	248	390	M- A	+0.00	+0.00	-1047.60	+0.00	-55.83	-7.85
345	233	0	0 G	-24.71	+1.08	-192.92	+523.93	+24.85	-3.09
345	249	390	0 G	-24.71	+13.15	-297.52	+525.73	+28.79	-3.09
345		0	1 Q1	-15.45	+6.35	-361.41	+357.77	-1.87	-0.69
345		390	1 Q1	-15.45	+9.05	-354.11	+357.77	-1.87	-0.69
345		0	11 M1	-8.04	+4.51	-190.45	+210.71	+1.52	-0.07
345		390	11 M1	-8.04	+4.77	-196.39	+210.71	+1.52	-0.07
345		0	12 M2	-1.84	-1.51	+114.53	+24.42	+14.31	-0.63
345		390	12 M2	-1.84	+0.95	+58.70	+24.42	+14.31	-0.63
345		0	13 M3	-2.90	-0.18	-155.30	+151.89	-0.79	-0.34
345		390	13 M3	-2.90	+1.14	-152.20	+151.89	-0.79	-0.34
345		0	14 M4	+1.48	-1.11	+38.82	-43.32	-0.37	+0.08
345		390	14 M4	+1.48	-1.42	+40.25	-43.32	-0.37	+0.08
345		0	15 M5	-3.90	+1.63	-91.24	+101.48	+0.75	+0.12
345		390	15 M5	-3.90	+1.16	-94.16	+101.48	+0.75	+0.12
345		0	16 M6	-16.14	+6.62	-88.46	+237.17	+14.46	-1.07
345		390	16 M6	-16.14	+10.80	-144.84	+237.17	+14.46	-1.07
345		0	17 M7	+4.62	-5.93	-1.78	+47.17	+4.35	-0.73
345		390	17 M7	+4.62	-3.07	-18.76	+47.17	+4.35	-0.73
345	233	0	M+ A	+0.00	+19.93	+0.00	+1535.57	+54.74	+0.00
345	249	390	M+ A	+0.00	+45.90	+0.00	+1537.96	+59.98	+0.00
345	233	0	M- A	-77.93	-7.81	-1030.17	+0.00	+0.00	-6.66
345	249	390	M- A	-77.93	+0.00	-1168.35	+0.00	+0.00	-6.66
346	234	0	0 G	-10.76	+3.11	-77.92	+352.64	-19.47	+2.62
346	250	390	0 G	-10.76	-7.10	-161.55	+354.43	-23.41	+2.62
346		0	1 Q1	+3.08	+3.61	-15.35	-136.31	+14.03	+0.39
346		390	1 Q1	+3.08	+2.10	+39.36	-136.31	+14.03	+0.39
346		0	11 M1	+3.32	+2.08	+47.35	-107.43	+5.63	-0.10
346		390	11 M1	+3.32	+2.49	+69.31	-107.43	+5.63	-0.10
346		0	12 M2	-4.04	-0.52	-56.90	+212.44	-14.31	+0.50
346		390	12 M2	-4.04	-2.46	-112.71	+212.44	-14.31	+0.50
346		0	13 M3	-0.92	+0.80	-26.21	-36.90	+5.65	+0.32
346		390	13 M3	-0.92	-0.45	-4.17	-36.90	+5.65	+0.32
346		0	14 M4	-0.67	-0.43	-9.66	+22.03	-1.14	+0.03
346		390	14 M4	-0.67	-0.54	-14.13	+22.03	-1.14	+0.03
346		0	15 M5	+1.58	+0.93	+22.60	-51.22	+2.71	-0.04
346		390	15 M5	+1.58	+1.07	+33.16	-51.22	+2.71	-0.04
346		0	16 M6	+1.18	+3.17	-11.51	+81.11	-6.27	+0.43
346		390	16 M6	+1.18	+1.50	-35.96	+81.11	-6.27	+0.43
346		0	17 M7	-6.47	-1.32	-60.29	+187.68	-12.38	+0.82
346		390	17 M7	-6.47	-4.53	-108.57	+187.68	-12.38	+0.82
346	234	0	M+ A	+0.00	+13.77	-0.00	+787.66	+7.94	+5.24
346	250	390	M+ A	+0.00	+0.00	-0.00	+790.05	+4.00	+5.24
346	234	0	M- A	-24.02	+0.00	-214.78	+0.00	-47.37	+0.00
346	250	390	M- A	-24.02	-16.25	-383.93	+0.00	-52.61	+0.00
347	235	0	0 G	+5.21	-2.43	-137.33	+356.02	+12.22	+1.08
347	251	357	0 G	+5.21	-6.27	-187.32	+357.76	+15.78	+1.08
347		0	1 Q1	-2.99	+2.78	+341.79	-190.22	+22.04	+0.30
347		357	1 Q1	-2.99	+1.70	+263.10	-190.22	+22.04	+0.30
347		0	11 M1	-1.80	+1.98	+190.81	-87.89	+14.07	+0.27
347		357	11 M1	-1.80	+1.02	+140.58	-87.89	+14.07	+0.27
347		0	12 M2	+2.49	-1.58	-255.17	+235.31	-7.01	+0.22
347		357	12 M2	+2.49	-2.38	-230.15	+235.31	-7.01	+0.22
347		0	13 M3	-1.06	+0.50	+120.27	-115.81	+2.89	-0.05
347		357	13 M3	-1.06	+0.67	+109.94	-115.81	+2.89	-0.05
347		0	14 M4	+2.96	-1.80	-143.59	+220.72	+4.78	+0.34
347		357	14 M4	+2.96	-3.00	-160.66	+220.72	+4.78	+0.34
347		0	15 M5	+0.12	-0.39	-37.62	+35.09	-0.97	+0.10
347		357	15 M5	+0.12	-0.74	-34.15	+35.09	-0.97	+0.10
347		0	16 M6	-0.23	+0.13	+28.75	-27.64	+0.69	-0.02
347		357	16 M6	-0.23	+0.20	+26.28	-27.64	+0.69	-0.02
347		0	17 M7	+0.15	-0.05	-16.19	+15.59	-0.39	+0.00
347		357	17 M7	+0.15	-0.06	-14.80	+15.59	-0.39	+0.00
347	235	0	M+ A	+11.37	+4.28	+610.30	+826.47	+67.12	+2.34
347	251	357	M+ A	+11.37	+0.00	+378.74	+828.78	+71.85	+2.34
347	235	0	M- A	-1.52	-5.93	-565.40	-74.49	+0.00	+0.00
347	251	357	M- A	-1.52	-12.84	-594.36	-72.75	+0.00	+0.00
348	236	0	0 G	-14.73	-13.44	-169.13	+398.11	-12.50	-0.06
348	252	357	0 G	-14.73	-13.23	-220.11	+399.85	-16.06	-0.06
348		0	1 Q1	+3.19	+1.87	+330.16	-178.47	-21.79	+0.31
348		357	1 Q1	+3.19	+0.75	+252.39	-178.47	-21.79	+0.31
348		0	11 M1	+2.81	+1.71	+116.39	-111.85	-2.81	+0.18
348		357	11 M1	+2.81	+1.05	+106.37	-111.85	-2.81	+0.18
348		0	12 M2	-5.76	-4.99	-254.37	+241.13	+6.33	-0.15
348		357	12 M2	-5.76	-4.47	-231.77	+241.13	+6.33	-0.15
348		0	13 M3	-2.06	-2.29	+159.62	-59.51	-13.09	-0.14
348		357	13 M3	-2.06	-1.79	+112.89	-59.51	-13.09	-0.14
348		0	14 M4	-0.55	-0.39	-25.84	+24.89	+0.62	-0.03
348		357	14 M4	-0.55	-0.29	-23.62	+24.89	+0.62	-0.03
348		0	15 M5	+1.38	+0.75	+50.94	-48.85	-1.23	+0.11
348		357	15 M5	+1.38	+0.36	+46.55	-48.85	-1.23	+0.11
348		0	16 M6	-2.02	-2.70	-105.57	+99.68	+2.65	+0.09

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
348		357	16 M6	-2.02	-3.03	-96.11	+99.68	+2.65	+0.09
348		0	17 M7	-6.18	-5.04	-109.78	+196.02	-6.32	-0.32
348		357	17 M7	-6.18	-3.90	-132.33	+196.02	-6.32	-0.32
348	236	0	M+ A	+0.00	+0.00	+516.02	+891.18	+0.00	+0.64
348	252	357	M+ A	+0.00	+0.00	+289.95	+893.50	+0.00	+0.64
348	236	0	M- A	-28.87	-25.44	-606.49	-10.60	-65.67	-0.56
348	252	357	M- A	-28.87	-24.30	-640.40	-8.86	-70.41	-0.56
349	237	0	0 G	-7.54	+8.06	-183.21	+402.40	+11.23	-0.62
349	253	357	0 G	-7.54	+10.26	-229.65	+404.14	+14.79	-0.62
349		0	1 Q1	+3.04	-1.81	+327.26	-175.53	+21.73	-0.41
349		357	1 Q1	+3.04	-0.34	+249.69	-175.53	+21.73	-0.41
349		0	11 M1	+1.65	-1.34	+183.82	-80.82	+13.92	-0.29
349		357	11 M1	+1.65	-0.32	+134.14	-80.82	+13.92	-0.29
349		0	12 M2	-3.28	+2.78	-261.06	+241.26	-7.13	-0.01
349		357	12 M2	-3.28	+2.83	-235.59	+241.26	-7.13	-0.01
349		0	13 M3	+1.40	-0.47	+114.39	-109.87	+2.76	-0.12
349		357	13 M3	+1.40	-0.06	+104.52	-109.87	+2.76	-0.12
349		0	14 M4	-4.07	+3.50	-148.66	+225.90	+4.68	+0.05
349		357	14 M4	-4.07	+3.33	-165.36	+225.90	+4.68	+0.05
349		0	15 M5	-0.18	+1.38	-51.12	+48.79	-1.26	-0.21
349		357	15 M5	-0.18	+2.14	-46.61	+48.79	-1.26	-0.21
349		0	16 M6	+0.37	-0.07	+24.56	-23.47	+0.60	-0.04
349		357	16 M6	+0.37	+0.08	+22.43	-23.47	+0.60	-0.04
349		0	17 M7	-0.17	+0.10	-17.12	+16.49	-0.41	+0.01
349		357	17 M7	-0.17	+0.08	-15.65	+16.49	-0.41	+0.01
349	237	0	M+ A	+0.00	+15.97	+534.32	+897.08	+65.14	+0.00
349	253	357	M+ A	+0.00	+18.63	+308.64	+899.39	+69.88	+0.00
349	237	0	M- A	-16.14	+0.00	-635.26	+0.00	+0.00	-1.80
349	253	357	M- A	-16.14	+0.00	-658.82	+0.00	+0.00	-1.80
350	238	0	0 G	+7.77	+0.79	-119.36	+347.98	-13.60	-2.80
350	254	357	0 G	+7.77	+10.78	-174.27	+349.72	-17.16	-2.80
350		0	1 Q1	-3.26	-2.97	+342.24	-190.51	-22.07	-0.39
350		357	1 Q1	-3.26	-1.56	+263.45	-190.51	-22.07	-0.39
350		0	11 M1	-1.92	-0.78	+119.40	-114.77	-2.89	+0.18
350		357	11 M1	-1.92	-1.43	+109.10	-114.77	-2.89	+0.18
350		0	12 M2	+3.92	+2.12	-245.74	+232.38	+6.15	-0.53
350		357	12 M2	+3.92	+4.02	-223.80	+232.38	+6.15	-0.53
350		0	13 M3	+1.19	+0.48	+166.38	-66.32	-13.24	-0.31
350		357	13 M3	+1.19	+1.59	+119.12	-66.32	-13.24	-0.31
350		0	14 M4	+0.41	+0.15	-24.52	+23.58	+0.59	-0.03
350		357	14 M4	+0.41	+0.27	-22.40	+23.58	+0.59	-0.03
350		0	15 M5	-0.88	-0.41	+56.81	-54.58	-1.37	+0.10
350		357	15 M5	-0.88	-0.77	+51.90	-54.58	-1.37	+0.10
350		0	16 M6	+1.30	+1.11	-95.90	+89.92	+2.43	-0.30
350		357	16 M6	+1.30	+2.20	-87.22	+89.92	+2.43	-0.30
350		0	17 M7	+3.18	+0.18	-101.31	+187.30	-6.48	-1.07
350		357	17 M7	+3.18	+3.99	-124.45	+187.30	-6.48	-1.07
350	238	0	M+ A	+16.21	+4.23	+592.23	+811.38	+0.00	+0.00
350	254	357	M+ A	+16.21	+20.38	+360.08	+813.70	+0.00	+0.00
350	238	0	M- A	+0.00	-4.40	-527.35	-81.36	-67.74	-5.86
350	254	357	M- A	+0.00	+0.00	-567.47	-79.62	-72.47	-5.86
351	239	0	0 G	+46.35	-38.05	-287.34	+520.03	-1.10	+0.92
351	263	404	0 G	+46.35	-41.78	-290.95	+522.13	+2.88	+0.92
351		0	1 Q1	+18.44	-15.28	-75.39	+251.00	+14.22	+0.40
351		404	1 Q1	+18.44	-16.89	-132.96	+251.00	+14.22	+0.40
351		0	11 M1	+8.32	-6.97	-9.65	+108.14	+9.98	+0.21
351		404	11 M1	+8.32	-7.81	-50.09	+108.14	+9.98	+0.21
351		0	12 M2	+3.71	-3.18	-81.43	+61.04	-7.37	-0.01
351		404	12 M2	+3.71	-3.16	-51.56	+61.04	-7.37	-0.01
351		0	13 M3	+7.88	-6.54	-65.35	+159.76	+5.88	+0.23
351		404	13 M3	+7.88	-7.49	-89.18	+159.76	+5.88	+0.23
351		0	14 M4	+2.42	-1.49	-83.31	+85.76	-4.88	+0.10
351		404	14 M4	+2.42	-1.88	-63.55	+85.76	-4.88	+0.10
351		0	15 M5	+17.40	-13.45	-150.24	+246.17	+0.64	+0.71
351		404	15 M5	+17.40	-16.34	-152.82	+246.17	+0.64	+0.71
351		0	16 M6	+5.48	-5.56	-24.68	+45.24	+0.28	-0.23
351		404	16 M6	+5.48	-4.63	-25.81	+45.24	+0.28	-0.23
351		0	17 M7	-0.32	-0.09	+16.78	-24.80	+0.11	-0.04
351		404	17 M7	-0.32	+0.07	+16.35	-24.80	+0.11	-0.04
351	239	0	M+ A	+112.64	+0.00	+0.00	+1399.73	+33.07	+2.83
351	263	404	M+ A	+112.64	+0.00	+0.00	+1402.53	+38.00	+2.83
351	239	0	M- A	+0.00	-91.42	-709.29	+0.00	-12.52	+0.00
351	263	404	M- A	+0.00	-102.88	-795.70	+0.00	-8.18	+0.00
352	240	0	0 G	-44.45	-34.04	-237.66	+462.43	-1.08	+2.36
352	264	404	0 G	-44.45	-43.58	-250.10	+464.53	-5.06	+2.36
352		0	1 Q1	-17.84	-14.01	-59.73	+232.81	-14.90	+0.99
352		404	1 Q1	-17.84	-18.03	-120.06	+232.81	-14.90	+0.99
352		0	11 M1	-7.17	-5.78	-91.04	+171.68	-2.57	+0.41
352		404	11 M1	-7.17	-7.42	-101.47	+171.68	-2.57	+0.41
352		0	12 M2	-5.89	-4.38	-100.46	+80.27	+9.00	+0.37
352		404	12 M2	-5.89	-5.88	-64.02	+80.27	+9.00	+0.37
352		0	13 M3	-5.61	-4.51	-29.17	+105.08	-5.92	+0.29
352		404	13 M3	-5.61	-5.68	-53.14	+105.08	-5.92	+0.29
352		0	14 M4	+1.00	+0.55	+27.59	-40.67	-0.21	-0.10
352		404	14 M4	+1.00	+0.94	+26.75	-40.67	-0.21	-0.10
352		0	15 M5	-5.06	-4.45	-37.20	+74.66	-1.23	+0.03
352		404	15 M5	-5.06	-4.58	-42.19	+74.66	-1.23	+0.03
352		0	16 M6	-18.16	-13.72	-146.35	+229.35	+0.43	+1.25
352		404	16 M6	-18.16	-18.80	-144.62	+229.35	+0.43	+1.25
352		0	17 M7	-1.67	-0.77	-51.43	+53.07	+3.01	+0.08
352		404	17 M7	-1.67	-1.10	-39.24	+53.07	+3.01	+0.08
352	240	0	M+ A	+0.00	+0.00	-0.00	+1273.35	+12.41	+6.36
352	264	404	M+ A	+0.00	+0.00	-0.00	+1276.14	+8.44	+6.36
352	240	0	M- A	-110.45	-84.76	-616.24	+0.00	-30.43	+0.00
352	264	404	M- A	-110.45	-110.51	-711.64	+0.00	-35.72	+0.00
353	241	0	0 G	-46.44	+36.30	-233.08	+457.16	+1.29	-2.62
353	265	404	0 G	-46.44	+46.91	-246.38	+459.26	+5.27	-2.62
353		0	1 Q1	-18.56	+14.86	-56.74	+229.61	+15.06	-1.10
353		404	1 Q1	-18.56	+19.30	-117.74	+229.61	+15.06	-1.10
353		0	11 M1	-8.46	+6.90	-1.21	+98.66	+10.39	-0.56
353		404	11 M1	-8.46	+9.16	-43.29	+98.66	+10.39	-0.56
353		0	12 M2	-3.35	+2.56	-75.11	+53.53	-7.12	-0.11
353		404	12 M2	-3.35	+3.02	-46.29	+53.53	-7.12	-0.11
353		0	13 M3	-8.12	+6.57	-57.32	+150.49	+6.24	-0.56
353		404	13 M3	-8.12	+8.85	-82.59	+150.49	+6.24	-0.56
353		0	14 M4	-2.78	+1.65	-79.43	+81.54	-4.67	-0.19

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
353		404	14 M4	-2.78	+2.43	-60.51	+81.54	-4.67	-0.19
353		0	15 M5	-18.91	+14.55	-134.46	+228.59	+1.42	-1.41
353		404	15 M5	-18.91	+20.25	-140.19	+228.59	+1.42	-1.41
353		0	16 M6	-4.10	+3.93	-17.65	+36.63	+0.53	+0.09
353		404	16 M6	-4.10	+3.56	-19.80	+36.63	+0.53	+0.09
353		0	17 M7	+0.66	-0.37	+18.35	-27.10	+0.12	+0.07
353		404	17 M7	+0.66	-0.68	+17.86	-27.10	+0.12	+0.07
353	241	0	M+ A	+0.00	+90.16	+0.00	+1260.88	+37.64	+0.00
353	265	404	M+ A	+0.00	+118.82	+0.00	+1263.67	+42.93	+0.00
353	241	0	M- A	-115.18	+0.00	-588.29	+0.00	-9.38	-7.08
353	265	404	M- A	-115.18	+0.00	-696.91	+0.00	-5.40	-7.08
354	242	0	0 G	+48.78	+40.98	-291.03	+524.59	+1.23	-1.28
354	266	404	0 G	+48.78	+46.17	-294.08	+526.69	-2.74	-1.28
354		0	1 Q1	+19.45	+16.24	-76.38	+252.41	-14.20	-0.51
354		404	1 Q1	+19.45	+18.32	-133.90	+252.41	-14.20	-0.51
354		0	11 M1	+8.04	+6.78	-97.35	+179.32	-2.34	-0.17
354		404	11 M1	+8.04	+7.49	-106.82	+179.32	-2.34	-0.17
354		0	12 M2	+6.09	+4.98	-107.91	+88.76	+9.35	-0.25
354		404	12 M2	+6.09	+5.99	-70.05	+88.76	+9.35	-0.25
354		0	13 M3	+6.60	+5.90	-36.93	+114.15	-5.59	-0.13
354		404	13 M3	+6.60	+6.43	-59.55	+114.15	-5.59	-0.13
354		0	14 M4	-0.43	+0.13	+25.63	-38.11	-0.16	+0.08
354		404	14 M4	-0.43	-0.21	+25.00	-38.11	-0.16	+0.08
354		0	15 M5	+7.49	+7.25	-48.03	+87.96	-0.85	+0.18
354		404	15 M5	+7.49	+6.53	-51.48	+87.96	-0.85	+0.18
354		0	16 M6	+17.48	+13.37	-156.40	+240.58	+0.92	-0.87
354		404	16 M6	+17.48	+16.90	-152.68	+240.58	+0.92	-0.87
354		0	17 M7	+1.58	+1.22	-56.21	+58.17	+3.28	-0.11
354		404	17 M7	+1.58	+1.66	-42.93	+58.17	+3.28	-0.11
354	242	0	M+ A	+117.35	+96.48	-0.00	+1399.33	+15.66	+0.00
354	266	404	M+ A	+117.35	+111.50	-0.00	+1402.12	+11.28	+0.00
354	242	0	M- A	+0.00	+0.00	-724.78	+0.00	-26.32	-3.71
354	266	404	M- A	+0.00	+0.00	-800.91	+0.00	-31.20	-3.71
355	243	0	0 G	-3.64	+2.28	-162.87	+359.53	+2.71	-1.21
355	267	401	0 G	-3.64	+7.16	-181.69	+361.62	+6.65	-1.21
355		0	1 Q1	+2.20	-1.52	+39.61	-136.89	-5.92	-0.28
355		401	1 Q1	+2.20	-0.38	+63.42	-136.89	-5.92	-0.28
355		0	11 M1	+0.32	-0.01	+2.02	-54.69	-4.23	-0.18
355		401	11 M1	+0.32	+0.71	+19.02	-54.69	-4.23	-0.18
355		0	12 M2	-2.53	+1.75	-91.52	+207.74	+4.84	-0.19
355		401	12 M2	-2.53	+2.50	-110.97	+207.74	+4.84	-0.19
355		0	13 M3	+1.92	-1.62	+70.72	-108.80	+0.83	-0.02
355		401	13 M3	+1.92	-1.54	+67.41	-108.80	+0.83	-0.02
355		0	14 M4	-3.14	+2.10	-123.45	+217.48	+1.57	-0.27
355		401	14 M4	-3.14	+3.17	-129.78	+217.48	+1.57	-0.27
355		0	15 M5	+2.00	-1.97	-11.15	+31.17	+0.78	-0.25
355		401	15 M5	+2.00	-0.96	-14.30	+31.17	+0.78	-0.25
355		0	16 M6	+0.41	-0.29	+16.98	-26.02	+0.17	-0.01
355		401	16 M6	+0.41	-0.27	+16.31	-26.02	+0.17	-0.01
355		0	17 M7	-0.23	+0.24	-9.38	+14.57	-0.11	-0.00
355		401	17 M7	-0.23	+0.25	-8.93	+14.57	-0.11	-0.00
355	243	0	M+ A	+2.32	+6.19	+0.00	+804.39	+10.86	+0.00
355	267	401	M+ A	+2.32	+14.28	+5.04	+807.17	+16.10	+0.00
355	243	0	M- A	-9.55	-2.72	-401.79	+0.00	-11.63	-2.39
355	267	401	M- A	-9.55	+0.00	-436.31	+0.00	-7.69	-2.39
356	244	0	0 G	-31.94	-21.75	-293.17	+521.50	+1.94	+1.88
356	268	401	0 G	-31.94	-29.32	-293.31	+523.59	-2.01	+1.88
356		0	1 Q1	-14.78	-10.07	-352.93	+355.74	+22.85	+0.53
356		401	1 Q1	-14.78	-12.20	-261.07	+355.74	+22.85	+0.53
356		0	11 M1	-6.58	-4.41	-173.11	+169.76	+11.79	+0.26
356		401	11 M1	-6.58	-5.47	-125.71	+169.76	+11.79	+0.26
356		0	12 M2	-0.75	-0.24	+45.98	+18.81	-9.52	+0.23
356		401	12 M2	-0.75	-1.17	+7.69	+18.81	-9.52	+0.23
356		0	13 M3	-7.46	-5.15	-192.98	+204.62	+11.13	+0.16
356		401	13 M3	-7.46	-5.81	-148.24	+204.62	+11.13	+0.16
356		0	14 M4	-0.25	-0.58	-22.59	+67.40	-3.01	+0.41
356		401	14 M4	-0.25	-2.21	-34.67	+67.40	-3.01	+0.41
356		0	15 M5	-16.48	-12.40	-167.63	+252.10	+1.76	+0.78
356		401	15 M5	-16.48	-15.53	-160.55	+252.10	+1.76	+0.78
356		0	16 M6	-1.76	+0.03	-47.50	+51.41	+2.64	-0.13
356		401	16 M6	-1.76	+0.54	-36.90	+51.41	+2.64	-0.13
356		0	17 M7	+0.76	+0.91	+26.26	-28.24	-1.42	-0.06
356		401	17 M7	+0.76	+1.17	+20.55	-28.24	-1.42	-0.06
356	244	0	M+ A	+0.00	+0.00	-0.00	+1552.00	+51.11	+4.39
356	268	401	M+ A	+0.00	+0.00	-0.00	+1554.77	+46.53	+4.39
356	244	0	M- A	-87.15	-61.13	-1155.84	+0.00	-12.35	+0.00
356	268	401	M- A	-87.15	-78.76	-983.38	+0.00	-16.96	+0.00
357	245	0	0 G	+44.28	-32.96	-244.82	+465.17	+0.19	+2.41
357	269	401	0 G	+44.28	-42.67	-253.51	+467.26	+4.13	+2.41
357		0	1 Q1	+16.65	-12.09	-337.48	+338.22	-22.11	+1.04
357		401	1 Q1	+16.65	-16.26	-248.58	+338.22	-22.11	+1.04
357		0	11 M1	+6.10	-4.27	-189.92	+203.35	-10.54	+0.45
357		401	11 M1	+6.10	-6.08	-147.57	+203.35	-10.54	+0.45
357		0	12 M2	+6.33	-4.84	+65.91	+16.56	+13.15	+0.36
357		401	12 M2	+6.33	-6.29	+13.05	+16.56	+13.15	+0.36
357		0	13 M3	+5.88	-4.16	-144.53	+142.73	-9.38	+0.22
357		401	13 M3	+5.88	-5.06	-106.82	+142.73	-9.38	+0.22
357		0	14 M4	-1.07	+1.03	+42.41	-45.67	+2.30	-0.13
357		401	14 M4	-1.07	+1.53	+33.17	-45.67	+2.30	-0.13
357		0	15 M5	+2.99	-1.62	-83.00	+89.03	-4.63	+0.13
357		401	15 M5	+2.99	-2.15	-64.38	+89.03	-4.63	+0.13
357		0	16 M6	+18.05	-13.71	-135.24	+226.30	+0.89	+1.29
357		401	16 M6	+18.05	-18.89	-138.82	+226.30	+0.89	+1.29
357		0	17 M7	+3.87	-3.37	-14.40	+41.66	+1.69	-0.02
357		401	17 M7	+3.87	-3.29	-21.19	+41.66	+1.69	-0.02
357	245	0	M+ A	+108.45	+0.00	+0.00	+1414.72	+19.97	+6.55
357	269	401	M+ A	+108.45	+0.00	+0.00	+1417.50	+25.22	+6.55
357	245	0	M- A	+0.00	-80.72	-1066.10	+0.00	-45.47	+0.00
357	269	401	M- A	+0.00	-107.04	-894.11	+0.00	-41.53	+0.00
358	246	0	0 G	+8.46	+3.04	-201.44	+405.86	-1.07	+0.15
358	270	401	0 G	+8.46	+2.45	-213.65	+407.94	-5.01	+0.15
358		0	1 Q1	-4.45	-4.49	+30.07	-124.41	+6.24	-0.23
358		401	1 Q1	-4.45	-3.57	+55.15	-124.41	+6.24	-0.23
358		0	11 M1	-3.97	-3.68	+67.24	-104.36	-0.69	-0.18
358		401	11 M1	-3.97	-2.95	+64.46	-104.36	-0.69	-0.18
358		0	12 M2	+3.88	+2.22	-119.89	+221.63	-1.48	+0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
358		401	12 M2	+3.88	+1.75	-125.85	+221.63	-1.48	+0.12
358		0	13 M3	+0.50	-0.27	-9.49	-30.28	+3.65	+0.12
358		401	13 M3	+0.50	-0.75	+5.18	-30.28	+3.65	+0.12
358		0	14 M4	+0.85	+0.70	-15.01	+23.36	+0.17	+0.05
358		401	14 M4	+0.85	+0.49	-14.33	+23.36	+0.17	+0.05
358		0	15 M5	-1.74	-1.80	+29.20	-45.29	-0.27	-0.05
358		401	15 M5	-1.74	-1.60	+28.11	-45.29	-0.27	-0.05
358		0	16 M6	-2.45	-3.44	-44.10	+91.39	-1.17	-0.24
358		401	16 M6	-2.45	-2.48	-48.81	+91.39	-1.17	-0.24
358		0	17 M7	+6.45	+4.75	-115.87	+196.56	-0.96	+0.41
358		401	17 M7	+6.45	+3.11	-119.72	+196.56	-0.96	+0.41
358	246	0	M+ A	+20.93	+11.16	-0.00	+872.24	+12.83	+0.81
358	270	401	M+ A	+20.93	+7.92	-0.00	+875.02	+8.89	+0.81
358	246	0	M- A	-3.50	-8.54	-447.74	+0.00	-3.64	-0.52
358	270	401	M- A	-3.50	-6.80	-472.92	+0.00	-8.89	-0.52
359	247	0	0 G	-1.50	+5.45	-200.98	+407.86	+1.33	+0.67
359	271	401	0 G	-1.50	+2.75	-214.23	+409.95	+5.27	+0.67
359		0	1 Q1	-4.69	+4.82	+27.46	-121.36	-6.35	+0.34
359		401	1 Q1	-4.69	+3.46	+52.98	-121.36	-6.35	+0.34
359		0	11 M1	-1.51	+1.57	-3.90	-47.25	-4.45	+0.19
359		401	11 M1	-1.51	+0.81	+13.98	-47.25	-4.45	+0.19
359		0	12 M2	+2.50	-1.36	-96.31	+213.79	+4.66	-0.02
359		401	12 M2	+2.50	-1.27	-115.03	+213.79	+4.66	-0.02
359		0	13 M3	-3.28	+3.29	+65.80	-102.44	+0.66	+0.15
359		401	13 M3	-3.28	+2.67	+63.14	-102.44	+0.66	+0.15
359		0	14 M4	+2.99	-1.69	-127.83	+222.67	+1.38	-0.07
359		401	14 M4	+2.99	-1.41	-133.36	+222.67	+1.38	-0.07
359		0	15 M5	-4.65	+5.34	-22.83	+45.68	+0.33	+0.35
359		401	15 M5	-4.65	+3.92	-24.18	+45.68	+0.33	+0.35
359		0	16 M6	-0.58	+0.74	+13.91	-21.64	+0.10	+0.00
359		401	16 M6	-0.58	+0.73	+13.50	-21.64	+0.10	+0.00
359		0	17 M7	+0.43	-0.36	-9.93	+15.49	-0.11	-0.03
359		401	17 M7	+0.43	-0.24	-9.48	+15.49	-0.11	-0.03
359	247	0	M+ A	+2.98	+21.77	+0.00	+876.45	+8.75	+1.88
359	271	401	M+ A	+2.98	+14.22	+0.00	+879.23	+14.00	+1.88
359	247	0	M- A	-15.31	+0.00	-459.04	+0.00	-13.92	+0.00
359	271	401	M- A	-15.31	+0.00	-484.97	+0.00	-9.97	+0.00
360	248	0	0 G	+40.47	+29.36	-239.38	+459.45	-0.57	-3.08
360	272	401	0 G	+40.47	+41.73	-249.59	+461.54	-4.51	-3.08
360		0	1 Q1	+16.32	+11.52	-334.64	+334.77	+21.98	-1.18
360		401	1 Q1	+16.32	+16.26	-246.26	+334.77	+21.98	-1.18
360		0	11 M1	+7.53	+5.18	-165.02	+160.40	+11.42	-0.56
360		401	11 M1	+7.53	+7.43	-119.12	+160.40	+11.42	-0.56
360		0	12 M2	+2.46	+1.81	+52.39	+11.38	-9.82	-0.21
360		401	12 M2	+2.46	+2.67	+12.92	+11.38	-9.82	-0.21
360		0	13 M3	+7.47	+5.22	-185.02	+195.55	+10.74	-0.55
360		401	13 M3	+7.47	+7.42	-141.83	+195.55	+10.74	-0.55
360		0	14 M4	+2.96	+2.67	-18.97	+62.94	-3.14	-0.28
360		401	14 M4	+2.96	+3.79	-31.58	+62.94	-3.14	-0.28
360		0	15 M5	+18.18	+13.50	-152.52	+234.54	+1.08	-1.44
360		401	15 M5	+18.18	+19.30	-148.19	+234.54	+1.08	-1.44
360		0	16 M6	+1.71	+0.46	-40.24	+43.33	+2.26	-0.00
360		401	16 M6	+1.71	+0.46	-31.15	+43.33	+2.26	-0.00
360		0	17 M7	-0.77	-0.71	+28.26	-30.41	-1.53	+0.09
360		401	17 M7	-0.77	-1.06	+22.10	-30.41	-1.53	+0.09
360	248	0	M+ A	+103.14	+74.85	-0.00	+1414.81	+46.24	+0.00
360	272	401	M+ A	+103.14	+106.40	-0.00	+1417.58	+42.30	+0.00
360	248	0	M- A	+0.00	+0.00	-1047.68	+0.00	-15.48	-7.85
360	272	401	M- A	+0.00	+0.00	-886.69	+0.00	-20.73	-7.85
361	249	0	0 G	-23.89	+14.58	-297.59	+526.51	-2.21	-3.09
361	273	401	0 G	-23.89	+27.03	-296.62	+528.60	+1.73	-3.09
361		0	1 Q1	-14.89	+9.95	-354.11	+357.04	-22.94	-0.69
361		401	1 Q1	-14.89	+12.73	-261.90	+357.04	-22.94	-0.69
361		0	11 M1	-7.75	+5.24	-196.40	+210.44	-10.89	-0.07
361		401	11 M1	-7.75	+5.51	-152.63	+210.44	-10.89	-0.07
361		0	12 M2	-1.78	+1.05	+58.67	+25.22	+12.85	-0.63
361		401	12 M2	-1.78	+3.58	+7.01	+25.22	+12.85	-0.63
361		0	13 M3	-2.83	+1.31	-152.19	+151.58	-9.74	-0.34
361		401	13 M3	-2.83	+2.67	-113.05	+151.58	-9.74	-0.34
361		0	14 M4	+1.40	-1.51	+40.25	-43.27	+2.19	+0.08
361		401	14 M4	+1.40	-1.83	+31.46	-43.27	+2.19	+0.08
361		0	15 M5	-3.82	+1.39	-94.16	+101.35	-5.23	+0.12
361		401	15 M5	-3.82	+0.90	-73.15	+101.35	-5.23	+0.12
361		0	16 M6	-15.48	+11.73	-144.88	+237.61	+0.47	-1.07
361		401	16 M6	-15.48	+16.04	-146.76	+237.61	+0.47	-1.07
361		0	17 M7	+4.43	-3.33	-18.76	+47.34	+1.57	-0.73
361		401	17 M7	+4.43	-0.39	-25.07	+47.34	+1.57	-0.73
361	249	0	M+ A	+0.00	+50.42	+0.00	+1538.67	+17.06	+0.00
361	273	401	M+ A	+0.00	+77.19	+0.00	+1541.45	+21.58	+0.00
361	249	0	M- A	-75.09	+0.00	-1168.43	+0.00	-50.24	-6.66
361	273	401	M- A	-75.09	+0.00	-977.02	+0.00	-45.56	-6.66
362	250	0	0 G	-10.33	-7.73	-161.60	+355.20	-2.50	+2.62
362	274	401	0 G	-10.33	-18.26	-179.59	+357.29	-6.45	+2.62
362		0	1 Q1	+2.95	+2.28	+39.39	-136.90	+5.98	+0.39
362		401	1 Q1	+2.95	+0.72	+63.42	-136.90	+5.98	+0.39
362		0	11 M1	+3.17	+2.68	+69.32	-107.57	-0.70	-0.10
362		401	11 M1	+3.17	+3.09	+66.50	-107.57	-0.70	-0.10
362		0	12 M2	-3.89	-2.70	-112.74	+212.91	-1.78	+0.50
362		401	12 M2	-3.89	-4.70	-119.90	+212.91	-1.78	+0.50
362		0	13 M3	-0.89	-0.51	-4.16	-37.17	+3.47	+0.32
362		401	13 M3	-0.89	-1.79	+9.79	-37.17	+3.47	+0.32
362		0	14 M4	-0.63	-0.58	-14.13	+22.06	+0.16	+0.03
362		401	14 M4	-0.63	-0.68	-13.50	+22.06	+0.16	+0.03
362		0	15 M5	+1.52	+1.17	+33.16	-51.29	-0.31	-0.04
362		401	15 M5	+1.52	+1.31	+31.91	-51.29	-0.31	-0.04
362		0	16 M6	+1.09	+1.56	-35.98	+81.34	-1.48	+0.43
362		401	16 M6	+1.09	-0.16	-41.94	+81.34	-1.48	+0.43
362		0	17 M7	-6.19	-4.91	-108.60	+188.09	-1.31	+0.82
362		401	17 M7	-6.19	-8.22	-113.86	+188.09	-1.31	+0.82
362	250	0	M+ A	+0.00	+0.00	-0.00	+791.78	+10.77	+5.24
362	274	401	M+ A	+0.00	+0.00	+5.77	+794.56	+6.83	+5.24
362	250	0	M- A	-23.02	-17.64	-384.04	+0.00	-6.00	+0.00
362	274	401	M- A	-23.02	-36.61	-418.70	+0.00	-11.24	+0.00
363	251	0	0 G	+4.88	-6.54	-187.37	+358.10	-3.00	+1.08
363	275	368	0 G	+4.88	-10.50	-182.89	+360.08	+0.57	+1.08
363		0	1 Q1	-2.89	+1.85	+263.02	-188.81	+31.99	+0.30

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
363		368	1 Q1	-2.89	+0.73	+145.29	-188.81	+31.99	+0.30
363		0	11 M1	-1.75	+1.11	+140.54	-87.04	+18.66	+0.27
363		368	11 M1	-1.75	+0.13	+71.87	-87.04	+18.66	+0.27
363		0	12 M2	+2.37	-2.50	-230.13	+234.62	-19.34	+0.22
363		368	12 M2	+2.37	-3.33	-158.96	+234.62	-19.34	+0.22
363		0	13 M3	-1.02	+0.73	+109.93	-115.50	+8.96	-0.05
363		368	13 M3	-1.02	+0.91	+76.94	-115.50	+8.96	-0.05
363		0	14 M4	+2.79	-3.15	-160.68	+220.67	-6.80	+0.34
363		368	14 M4	+2.79	-4.38	-135.66	+220.67	-6.80	+0.34
363		0	15 M5	+0.08	-0.74	-34.15	+34.99	-2.81	+0.10
363		368	15 M5	+0.08	-1.10	-23.81	+34.99	-2.81	+0.10
363		0	16 M6	-0.22	+0.21	+26.28	-27.57	+2.14	-0.02
363		368	16 M6	-0.22	+0.28	+18.41	-27.57	+2.14	-0.02
363		0	17 M7	+0.15	-0.07	-14.80	+15.54	-1.21	+0.00
363		368	17 M7	+0.15	-0.08	-10.35	+15.54	-1.21	+0.00
363	251	0	M+ A	+10.68	+0.00	+378.52	+828.20	+68.17	+2.34
363	275	368	M+ A	+10.68	+0.00	+128.67	+830.84	+71.93	+2.34
363	251	0	M- A	-1.65	-13.42	-594.40	-70.03	-33.00	+0.00
363	275	368	M- A	-1.65	-20.54	-481.69	-68.05	-28.44	+0.00
364	252	0	0 G	-14.01	-13.99	-220.17	+400.14	+4.93	-0.06
364	276	368	0 G	-14.01	-13.77	-208.60	+402.13	+1.36	-0.06
364		0	1 Q1	+3.15	+0.92	+252.31	-177.09	-31.12	+0.31
364		368	1 Q1	+3.15	-0.23	+137.80	-177.09	-31.12	+0.31
364		0	11 M1	+2.75	+1.20	+106.36	-111.55	-8.67	+0.18
364		368	11 M1	+2.75	+0.52	+74.46	-111.55	-8.67	+0.18
364		0	12 M2	-5.52	-4.76	-231.75	+240.46	+18.97	-0.15
364		368	12 M2	-5.52	-4.22	-161.94	+240.46	+18.97	-0.15
364		0	13 M3	-1.96	-1.90	+112.85	-58.74	-16.19	-0.14
364		368	13 M3	-1.96	-1.38	+53.26	-58.74	-16.19	-0.14
364		0	14 M4	-0.54	-0.32	-23.62	+24.82	+1.93	-0.03
364		368	14 M4	-0.54	-0.22	-16.52	+24.82	+1.93	-0.03
364		0	15 M5	+1.36	+0.43	+46.55	-48.72	-3.79	+0.11
364		368	15 M5	+1.36	+0.03	+32.60	-48.72	-3.79	+0.11
364		0	16 M6	-1.86	-3.13	-96.11	+99.40	+7.87	+0.09
364		368	16 M6	-1.86	-3.47	-67.14	+99.40	+7.87	+0.09
364		0	17 M7	-5.97	-4.22	-132.35	+196.08	+3.97	-0.32
364		368	17 M7	-5.97	-3.05	-117.73	+196.08	+3.97	-0.32
364	252	0	M+ A	+0.00	+0.00	+289.73	+892.89	+35.01	+0.64
364	276	368	M+ A	+0.00	+0.00	+89.13	+895.53	+30.26	+0.64
364	252	0	M- A	-27.60	-25.75	-640.44	-6.24	-61.37	-0.56
364	276	368	M- A	-27.60	-24.97	-520.35	-4.26	-64.94	-0.56
365	253	0	0 G	-7.00	+10.64	-229.70	+404.37	-6.43	-0.62
365	277	368	0 G	-7.00	+12.91	-212.62	+406.35	-2.86	-0.62
365		0	1 Q1	+3.02	-0.50	+249.62	-174.15	+30.90	-0.41
365		368	1 Q1	+3.02	+1.02	+135.89	-174.15	+30.90	-0.41
365		0	11 M1	+1.63	-0.41	+134.09	-79.98	+18.14	-0.29
365		368	11 M1	+1.63	+0.64	+67.35	-79.98	+18.14	-0.29
365		0	12 M2	-3.13	+3.00	-235.57	+240.55	-19.78	-0.01
365		368	12 M2	-3.13	+3.05	-162.79	+240.55	-19.78	-0.01
365		0	13 M3	+1.39	-0.13	+104.51	-109.57	+8.52	-0.12
365		368	13 M3	+1.39	+0.30	+73.14	-109.57	+8.52	-0.12
365		0	14 M4	-3.89	+3.54	-165.37	+225.83	-7.18	+0.05
365		368	14 M4	-3.89	+3.35	-138.96	+225.83	-7.18	+0.05
365		0	15 M5	-0.06	+2.14	-46.60	+48.66	-3.82	-0.21
365		368	15 M5	-0.06	+2.93	-32.54	+48.66	-3.82	-0.21
365		0	16 M6	+0.37	+0.06	+22.42	-23.41	+1.83	-0.04
365		368	16 M6	+0.37	+0.21	+15.70	-23.41	+1.83	-0.04
365		0	17 M7	-0.17	+0.09	-15.64	+16.44	-1.28	+0.01
365		368	17 M7	-0.17	+0.06	-10.95	+16.44	-1.28	+0.01
365	253	0	M+ A	+0.00	+19.45	+308.42	+898.63	+62.50	+0.00
365	277	368	M+ A	+0.00	+23.57	+80.55	+901.27	+66.07	+0.00
365	253	0	M- A	-15.14	+0.00	-658.85	+0.00	-38.21	-1.80
365	277	368	M- A	-15.14	+0.00	-526.96	+0.00	-33.47	-1.80
366	254	0	0 G	+7.19	+11.19	-174.32	+350.14	+1.20	-2.80
366	278	368	0 G	+7.19	+21.49	-176.47	+352.12	-2.37	-2.80
366		0	1 Q1	-3.17	-1.73	+263.38	-189.09	-32.03	-0.39
366		368	1 Q1	-3.17	-0.28	+145.51	-189.09	-32.03	-0.39
366		0	11 M1	-1.84	-1.53	+109.09	-114.46	-8.90	+0.18
366		368	11 M1	-1.84	-2.21	+76.33	-114.46	-8.90	+0.18
366		0	12 M2	+3.70	+4.22	-223.78	+231.74	+18.33	-0.53
366		368	12 M2	+3.70	+6.18	-156.34	+231.74	+18.33	-0.53
366		0	13 M3	+1.11	+1.65	+119.08	-65.53	-16.70	-0.31
366		368	13 M3	+1.11	+2.79	+57.63	-65.53	-16.70	-0.31
366		0	14 M4	+0.39	+0.29	-22.40	+23.52	+1.83	-0.03
366		368	14 M4	+0.39	+0.41	-15.67	+23.52	+1.83	-0.03
366		0	15 M5	-0.84	-0.82	+51.90	-54.44	-4.24	+0.10
366		368	15 M5	-0.84	-1.19	+36.31	-54.44	-4.24	+0.10
366		0	16 M6	+1.18	+2.27	-87.21	+89.67	+7.14	-0.30
366		368	16 M6	+1.18	+3.39	-60.93	+89.67	+7.14	-0.30
366		0	17 M7	+2.97	+4.16	-124.47	+187.38	+3.35	-1.07
366		368	17 M7	+2.97	+8.10	-112.14	+187.38	+3.35	-1.07
366	254	0	M+ A	+15.12	+21.21	+359.86	+813.29	+29.09	+0.00
366	278	368	M+ A	+15.12	+40.73	+134.47	+815.93	+25.12	+0.00
366	254	0	M- A	+0.00	+0.00	-567.52	-76.82	-67.08	-5.86
366	278	368	M- A	+0.00	+0.00	-469.21	-74.84	-71.44	-5.86
367	255	0	0 G	+8.34	+81.50	+9.16	-396.31	+2.99	+12.53
367	311	753	0 G	+8.34	-12.83	-13.34	-386.31	+2.99	+12.53
367		0	1 Q1	+3.25	-0.73	+70.99	+132.80	+62.75	-0.49
367		753	1 Q1	+3.25	+3.00	-401.51	+132.80	+62.75	-0.49
367		0	11 M1	+1.99	+5.53	+44.11	+55.15	+38.95	+0.85
367		753	11 M1	+1.99	-0.90	-249.17	+55.15	+38.95	+0.85
367		0	12 M2	+1.69	+26.35	-30.12	-199.04	-33.06	+4.69
367		753	12 M2	+1.69	-8.96	+218.83	-199.04	-33.06	+4.69
367		0	13 M3	+1.15	-10.27	+4.55	+98.56	+8.95	-1.92
367		753	13 M3	+1.15	+4.16	-62.84	+98.56	+8.95	-1.92
367		0	14 M4	+1.92	+34.03	+0.93	-205.27	-4.70	+5.80
367		753	14 M4	+1.92	-9.65	+36.31	-205.27	-4.70	+5.80
367		0	15 M5	+2.26	+2.82	-2.89	-30.03	-4.42	+0.33
367		753	15 M5	+2.26	+0.37	+30.41	-30.03	-4.42	+0.33
367		0	16 M6	+0.74	-2.41	+1.10	+23.57	+2.19	-0.45
367		753	16 M6	+0.74	+0.97	-15.41	+23.57	+2.19	-0.45
367		0	17 M7	+0.04	+1.39	-0.63	-13.24	-1.21	+0.26
367		753	17 M7	+0.04	-0.54	+8.51	-13.24	-1.21	+0.26
367	255	0	M+ A	+18.88	+159.44	+174.17	+0.00	+147.11	+25.36
367	311	753	M+ A	+18.88	+0.00	+314.91	+0.00	+147.11	+25.36
367	255	0	M- A	+0.00	+0.00	-36.02	-835.00	-46.60	+0.00
367	311	753	M- A	+0.00	-31.53	-933.53	-821.70	-46.60	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
368	256	0	0 G	-7.64	-1292.97	-9.12	-565.54	-1.73	-211.37
368	312	753	0 G	-7.64	+298.66	+3.90	-544.21	-1.73	-211.37
368		0	1 Q1	+0.36	-514.47	-308.75	-282.38	-109.90	-83.59
368		753	1 Q1	+0.36	+114.98	+518.76	-282.38	-109.90	-83.59
368		0	11 M1	+0.87	-238.49	-180.93	-131.50	-64.58	-38.96
368		753	11 M1	+0.87	+54.85	+305.34	-131.50	-64.58	-38.96
368		0	12 M2	-2.47	-81.09	+110.86	-40.23	+45.20	-13.18
368		753	12 M2	-2.47	+18.18	-229.51	-40.23	+45.20	-13.18
368		0	13 M3	+1.55	-234.81	-126.55	-168.77	-47.59	-38.33
368		753	13 M3	+1.55	+53.78	+231.84	-168.77	-47.59	-38.33
368		0	14 M4	-3.68	-91.15	+46.94	-71.22	+20.10	-14.89
368		753	14 M4	-3.68	+20.93	-104.43	-71.22	+20.10	-14.89
368		0	15 M5	+0.34	-585.86	-16.94	-238.97	-6.15	-94.92
368		753	15 M5	+0.34	+128.87	+29.36	-238.97	-6.15	-94.92
368		0	16 M6	+0.09	-48.18	-17.53	-43.54	-7.06	-7.79
368		753	16 M6	+0.09	+10.52	+35.66	-43.54	-7.06	-7.79
368		0	17 M7	+0.19	+25.43	+8.33	+23.85	+3.52	+4.20
368		753	17 M7	+0.19	-6.23	-18.17	+23.85	+3.52	+4.20
368	256	0	M+ A	+0.00	+0.00	+157.16	+0.00	+66.07	+0.00
368	312	753	M+ A	+0.00	+745.75	+1163.52	+0.00	+66.07	+0.00
368	256	0	M- A	-15.67	-3292.97	-700.35	-1491.82	-247.53	-536.35
368	312	753	M- A	-15.67	+0.00	-340.37	-1463.46	-247.53	-536.35
369	257	0	0 G	-3.60	-1481.07	+9.29	-491.15	+2.27	-214.70
369	313	753	0 G	-3.60	+135.62	-7.79	-469.83	+2.27	-214.70
369		0	1 Q1	-3.82	-593.93	+308.31	-257.15	+109.96	-85.60
369		753	1 Q1	-3.82	+50.64	-519.67	-257.15	+109.96	-85.60
369		0	11 M1	-2.65	-237.06	+81.17	-166.93	+33.74	-34.16
369		753	11 M1	-2.65	+20.16	-172.86	-166.93	+33.74	-34.16
369		0	12 M2	+0.79	-208.71	-186.50	-47.47	-66.60	-29.91
369		753	12 M2	+0.79	+16.54	+314.99	-47.47	-66.60	-29.91
369		0	13 M3	-2.32	-179.80	+98.87	-111.66	+40.27	-25.86
369		753	13 M3	-2.32	+14.94	-204.39	-111.66	+40.27	-25.86
369		0	14 M4	-1.73	+45.37	-13.23	+37.80	-5.48	+6.44
369		753	14 M4	-1.73	-3.15	+28.01	+37.80	-5.48	+6.44
369		0	15 M5	-4.48	-109.77	+35.57	-73.12	+14.90	-16.08
369		753	15 M5	-4.48	+11.28	-76.61	-73.12	+14.90	-16.08
369		0	16 M6	+1.03	-663.13	-5.55	-209.42	-3.36	-95.43
369		753	16 M6	+1.03	+55.46	+19.76	-209.42	-3.36	-95.43
369		0	17 M7	+2.53	-63.27	-27.62	-42.42	-11.98	-8.92
369		753	17 M7	+2.53	+3.87	+62.56	-42.42	-11.98	-8.92
369	257	0	M+ A	+0.20	+0.00	+576.88	+0.00	+211.87	+0.00
369	313	753	M+ A	+0.20	+331.93	+464.69	+0.00	+211.87	+0.00
369	257	0	M- A	-16.67	-3766.33	-270.46	-1314.51	-97.63	-544.26
369	313	753	M- A	-16.67	+0.00	-1018.50	-1286.15	-97.63	-544.26
370	258	0	0 G	-3.72	+82.55	-13.37	-426.37	-5.38	+21.99
370	314	753	0 G	-3.72	-83.06	+27.15	-416.36	-5.38	+21.99
370		0	1 Q1	-1.14	-6.69	-70.89	+123.20	-62.56	-0.86
370		753	1 Q1	-1.14	-0.22	+400.15	+123.20	-62.56	-0.86
370		0	11 M1	-0.34	-12.75	-4.58	+94.26	-8.98	-3.20
370		753	11 M1	-0.34	+11.38	+63.06	+94.26	-8.98	-3.20
370		0	12 M2	-0.98	+27.08	+14.73	-203.82	+24.27	+6.89
370		753	12 M2	-0.98	-24.79	-168.00	-203.82	+24.27	+6.89
370		0	13 M3	-0.50	+4.06	-36.86	+32.94	-34.06	+2.00
370		753	13 M3	-0.50	-10.99	+219.60	+32.94	-34.06	+2.00
370		0	14 M4	+0.03	+2.59	+1.01	-21.03	+1.93	+0.65
370		753	14 M4	+0.03	-2.34	-13.52	-21.03	+1.93	+0.65
370		0	15 M5	-0.17	-6.12	-2.02	+41.04	-4.06	-1.53
370		753	15 M5	-0.17	+5.42	+28.52	+41.04	-4.06	-1.53
370		0	16 M6	-0.61	+9.92	+6.58	-84.53	+10.67	+2.57
370		753	16 M6	-0.61	-9.45	-73.75	-84.53	+10.67	+2.57
370		0	17 M7	-1.85	+28.34	-4.10	-181.59	-0.01	+8.79
370		753	17 M7	-1.85	-37.86	-4.01	-181.59	-0.01	+8.79
370	258	0	M+ A	+0.00	+152.30	+8.73	+0.00	+31.02	+42.44
370	314	753	M+ A	+0.00	+0.00	+905.71	+0.00	+31.02	+42.44
370	258	0	M- A	-9.26	+0.00	-168.76	-872.80	-142.69	+0.00
370	314	753	M- A	-9.26	-167.56	-224.85	-859.50	-142.69	+0.00
371	259	0	0 G	-1.86	-56.31	+9.64	-433.22	+2.29	-11.53
371	315	753	0 G	-1.86	+30.48	-7.59	-423.21	+2.29	-11.53
371		0	1 Q1	-0.81	+2.00	+71.16	+120.28	+62.56	+0.33
371		753	1 Q1	-0.81	-0.48	-399.93	+120.28	+62.56	+0.33
371		0	11 M1	-0.85	-4.23	+44.20	+49.22	+38.87	-0.88
371		753	11 M1	-0.85	+2.42	-248.50	+49.22	+38.87	-0.88
371		0	12 M2	-1.11	-19.27	-30.09	-203.31	-33.19	-4.27
371		753	12 M2	-1.11	+12.88	+219.80	-203.31	-33.19	-4.27
371		0	13 M3	-0.01	+7.30	+4.63	+93.06	+8.88	+1.62
371		753	13 M3	-0.01	-4.87	-62.27	+93.06	+8.88	+1.62
371		0	14 M4	-1.46	-21.38	+1.00	-208.05	-4.76	-5.08
371		753	14 M4	-1.46	+16.89	+36.83	-208.05	-4.76	-5.08
371		0	15 M5	+0.08	-2.51	-2.67	-41.77	-4.51	-0.55
371		753	15 M5	+0.08	+1.59	+31.32	-41.77	-4.51	-0.55
371		0	16 M6	-0.17	+1.80	+1.08	+19.79	+2.05	+0.39
371		753	16 M6	-0.17	-1.16	-14.34	+19.79	+2.05	+0.39
371		0	17 M7	+0.01	-0.96	-0.66	-14.01	-1.27	-0.22
371		753	17 M7	+0.01	+0.66	+8.93	-14.01	-1.27	-0.22
371	259	0	M+ A	+0.00	+0.00	+175.19	+0.00	+145.81	+0.00
371	315	753	M+ A	+0.00	+65.88	+322.12	+0.00	+145.81	+0.00
371	259	0	M- A	-5.76	-106.95	-35.49	-888.26	-47.49	-22.95
371	315	753	M- A	-5.76	+0.00	-922.75	-874.95	-47.49	-22.95
372	260	0	0 G	-0.75	+1525.12	-8.03	-479.69	-1.74	+214.27
372	316	753	0 G	-0.75	-88.32	+5.07	-458.36	-1.74	+214.27
372		0	1 Q1	-2.53	+608.77	-308.46	-251.43	-109.96	+84.94
372		753	1 Q1	-2.53	-30.87	+519.52	-251.43	-109.96	+84.94
372		0	11 M1	-1.47	+285.22	-181.07	-117.07	-64.68	+39.60
372		753	11 M1	-1.47	-12.98	+305.97	-117.07	-64.68	+39.60
372		0	12 M2	+0.68	+95.34	+111.11	-31.67	+45.25	+13.28
372		753	12 M2	+0.68	-4.66	-229.60	-31.67	+45.25	+13.28
372		0	13 M3	-2.15	+280.88	-126.29	-154.75	-47.58	+39.04
372		753	13 M3	-2.15	-13.10	+231.99	-154.75	-47.58	+39.04
372		0	14 M4	+3.30	+107.66	+46.49	-64.87	+19.99	+14.86
372		753	14 M4	+3.30	-4.20	-104.03	-64.87	+19.99	+14.86
372		0	15 M5	+0.18	+689.44	-17.39	-209.73	-6.36	+96.27
372		753	15 M5	+0.18	-35.50	+30.48	-209.73	-6.36	+96.27
372		0	16 M6	-3.28	+56.35	-16.69	-35.41	-6.93	+8.06
372		753	16 M6	-3.28	-4.35	+35.46	-35.41	-6.93	+8.06
372		0	17 M7	-1.45	-31.16	+8.94	+25.02	+3.69	-4.26
372		753	17 M7	-1.45	+0.94	-18.84	+25.02	+3.69	-4.26
372	260	0	M+ A	+4.20	+3884.40	+158.63	+0.00	+66.13	+544.06

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
372	316	753	M+ A	+4.20	+0.00	+1167.05	+0.00	+66.13	+544.06
372	260	0	M- A	-9.33	+0.00	-698.71	-1292.01	-247.78	+0.00
372	316	753	M- A	-9.33	-212.38	-339.33	-1263.65	-247.78	+0.00
373	261	0	0 G	-15.16	+1360.32	+10.02	-562.80	+2.13	+214.31
373	317	753	0 G	-15.16	-253.41	-6.03	-541.47	+2.13	+214.31
373		0	1 Q1	-1.35	+541.57	+309.24	-280.69	+110.04	+84.78
373		753	1 Q1	-1.35	-96.80	-519.33	-280.69	+110.04	+84.78
373		0	11 M1	+0.86	+213.89	+81.96	-176.01	+33.86	+33.55
373		753	11 M1	+0.86	-38.71	-172.98	-176.01	+33.86	+33.55
373		0	12 M2	-3.02	+191.67	-186.81	-57.76	-66.69	+30.06
373		753	12 M2	-3.02	-34.67	+315.38	-57.76	-66.69	+30.06
373		0	13 M3	-1.03	+164.61	+99.05	-121.70	+40.26	+25.82
373		753	13 M3	-1.03	-29.79	-204.08	-121.70	+40.26	+25.82
373		0	14 M4	+0.29	-40.35	-12.83	+36.32	-5.39	-6.39
373		753	14 M4	+0.29	+7.73	+27.73	+36.32	-5.39	-6.39
373		0	15 M5	-0.76	+100.29	+37.02	-85.03	+15.12	+15.61
373		753	15 M5	-0.76	-17.27	-76.85	-85.03	+15.12	+15.61
373		0	16 M6	-1.53	+606.20	-5.93	-227.09	-3.51	+94.83
373		753	16 M6	-1.53	-107.86	+20.47	-227.09	-3.51	+94.83
373		0	17 M7	-5.17	+61.56	-28.63	-48.48	-12.20	+9.69
373		753	17 M7	-5.17	-11.43	+63.26	-48.48	-12.20	+9.69
373	261	0	M+ A	+0.00	+3449.63	+579.36	+0.00	+211.77	+541.72
373	317	753	M+ A	+0.00	+0.00	+467.04	+0.00	+211.77	+541.72
373	261	0	M- A	-29.75	+0.00	-270.20	-1468.09	-97.91	+0.00
373	317	753	M- A	-29.75	-629.51	-1015.23	-1439.73	-97.91	+0.00
374	262	0	0 G	+8.98	-185.76	-14.00	-396.75	-6.76	-27.62
374	318	753	0 G	+8.98	+22.22	+36.93	-386.75	-6.76	-27.62
374		0	1 Q1	+3.00	-0.65	-71.25	+132.61	-62.97	+0.62
374		753	1 Q1	+3.00	-5.32	+402.92	+132.61	-62.97	+0.62
374		0	11 M1	+1.08	+22.77	-4.79	+98.14	-9.14	+3.86
374		753	11 M1	+1.08	-6.28	+64.05	+98.14	-9.14	+3.86
374		0	12 M2	+1.70	-49.69	+14.72	-199.26	+24.08	-8.18
374		753	12 M2	+1.70	+11.93	-166.60	-199.26	+24.08	-8.18
374		0	13 M3	+1.27	-20.96	-36.96	+36.55	-34.26	-2.89
374		753	13 M3	+1.27	+0.80	+221.04	+36.55	-34.26	-2.89
374		0	14 M4	+0.04	-4.68	+0.96	-20.14	+1.85	-0.79
374		753	14 M4	+0.04	+1.28	-13.01	-20.14	+1.85	-0.79
374		0	15 M5	+1.01	+10.81	-2.34	+46.75	-4.38	+1.83
374		753	15 M5	+1.01	-2.98	+30.66	+46.75	-4.38	+1.83
374		0	16 M6	+2.03	-19.14	+6.46	-77.40	+10.48	-2.98
374		753	16 M6	+2.03	+3.27	-72.43	-77.40	+10.48	-2.98
374		0	17 M7	+2.27	-74.75	-3.95	-180.34	-0.13	-11.41
374		753	17 M7	+2.27	+11.18	-2.95	-180.34	-0.13	-11.41
374	262	0	M+ A	+19.39	+0.00	+8.08	+0.00	+29.36	+0.00
374	318	753	M+ A	+19.39	+47.45	+924.61	+0.00	+29.36	+0.00
374	262	0	M- A	+0.00	-360.07	-170.26	-826.57	-145.40	-53.85
374	318	753	M- A	+0.00	+0.00	-212.98	-813.27	-145.40	-53.85
375	263	0	0 G	+43.75	-44.50	-290.94	+521.35	-28.66	+0.92
375	279	417	0 G	+43.75	-48.35	-179.44	+523.76	-24.69	+0.92
375		0	1 Q1	+17.39	-17.97	-132.94	+251.40	-0.97	+0.40
375		417	1 Q1	+17.39	-19.63	-128.90	+251.40	-0.97	+0.40
375		0	11 M1	+7.83	-8.30	-50.07	+108.55	+3.44	+0.21
375		417	11 M1	+7.83	-9.17	-64.43	+108.55	+3.44	+0.21
375		0	12 M2	+3.51	-3.38	-51.58	+60.48	-11.05	-0.01
375		417	12 M2	+3.51	-3.36	-5.40	+60.48	-11.05	-0.01
375		0	13 M3	+7.41	-7.95	-89.16	+159.83	-3.77	+0.23
375		417	13 M3	+7.41	-8.92	-73.39	+159.83	-3.77	+0.23
375		0	14 M4	+2.30	-2.02	-63.56	+85.31	-10.05	+0.10
375		417	14 M4	+2.30	-2.42	-21.56	+85.31	-10.05	+0.10
375		0	15 M5	+16.38	-17.36	-152.82	+245.75	-14.23	+0.71
375		417	15 M5	+16.38	-20.35	-93.35	+245.75	-14.23	+0.71
375		0	16 M6	+5.19	-4.96	-25.81	+45.18	-2.45	-0.23
375		417	16 M6	+5.19	-4.00	-15.56	+45.18	-2.45	-0.23
375		0	17 M7	-0.31	+0.09	+16.35	-24.75	+1.61	-0.04
375		417	17 M7	-0.31	+0.24	+9.64	-24.75	+1.61	-0.04
375	263	0	M+ A	+106.23	+0.00	+0.00	+1401.41	+0.00	+2.83
375	279	417	M+ A	+106.23	+0.00	+0.00	+1404.62	+0.00	+2.83
375	263	0	M- A	+0.00	-109.49	-795.65	+0.00	-60.76	+0.00
375	279	417	M- A	+0.00	-121.32	-552.69	+0.00	-55.49	+0.00
376	264	0	0 G	-41.74	-46.18	-250.09	+463.98	+23.00	+2.36
376	280	417	0 G	-41.74	-56.03	-162.23	+466.39	+19.04	+2.36
376		0	1 Q1	-16.72	-19.08	-120.03	+233.29	-0.81	+0.99
376		417	1 Q1	-16.72	-23.23	-123.41	+233.29	-0.81	+0.99
376		0	11 M1	-6.71	-7.84	-101.46	+171.53	+7.80	+0.41
376		417	11 M1	-6.71	-9.53	-68.87	+171.53	+7.80	+0.41
376		0	12 M2	-5.52	-6.23	-64.03	+79.58	+13.83	+0.37
376		417	12 M2	-5.52	-7.78	-6.22	+79.58	+13.83	+0.37
376		0	13 M3	-5.25	-6.01	-53.13	+105.25	+0.44	+0.29
376		417	13 M3	-5.25	-7.22	-51.31	+105.25	+0.44	+0.29
376		0	14 M4	+0.94	+1.00	+26.75	-40.58	-2.66	-0.10
376		417	14 M4	+0.94	+1.41	+15.61	-40.58	-2.66	-0.10
376		0	15 M5	-4.78	-4.87	-42.19	+74.60	+3.28	+0.03
376		417	15 M5	-4.78	-5.00	-28.49	+74.60	+3.28	+0.03
376		0	16 M6	-16.99	-19.86	-144.62	+228.91	+14.27	+1.25
376		417	16 M6	-16.99	-25.10	-84.96	+228.91	+14.27	+1.25
376		0	17 M7	-1.60	-1.20	-39.25	+52.79	+6.21	+0.08
376		417	17 M7	-1.60	-1.54	-13.29	+52.79	+6.21	+0.08
376	264	0	M+ A	+0.00	+0.00	-0.00	+1275.39	+52.00	+6.36
376	280	417	M+ A	+0.00	+0.00	-0.00	+1278.60	+46.73	+6.36
376	264	0	M- A	-103.57	-116.96	-711.60	+0.00	+0.00	+0.00
376	280	417	M- A	-103.57	-143.54	-509.81	+0.00	+0.00	+0.00
377	265	0	0 G	-43.53	+49.63	-246.37	+458.74	-22.47	-2.62
377	281	417	0 G	-43.53	+60.58	-160.71	+461.15	-18.51	-2.62
377		0	1 Q1	-17.36	+20.39	-117.71	+230.10	+1.17	-1.10
377		417	1 Q1	-17.36	+24.98	-122.59	+230.10	+1.17	-1.10
377		0	11 M1	-7.89	+9.65	-43.27	+99.11	+4.41	-0.56
377		417	11 M1	-7.89	+11.99	-61.72	+99.11	+4.41	-0.56
377		0	12 M2	-3.16	+3.22	-46.30	+53.00	-10.34	-0.11
377		417	12 M2	-3.16	+3.69	-3.10	+53.00	-10.34	-0.11
377		0	13 M3	-7.57	+9.33	-82.58	+150.59	-2.86	-0.56
377		417	13 M3	-7.57	+11.69	-70.62	+150.59	-2.86	-0.56
377		0	14 M4	-2.62	+2.59	-60.51	+81.11	-9.59	-0.19
377		417	14 M4	-2.62	+3.40	-20.43	+81.11	-9.59	-0.19
377		0	15 M5	-17.65	+21.35	-140.19	+228.26	-12.39	-1.41
377		417	15 M5	-17.65	+27.23	-88.40	+228.26	-12.39	-1.41
377		0	16 M6	-3.88	+3.80	-19.80	+36.59	-1.68	+0.09

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
377		417	16 M6	-3.88	+3.42	-12.77	+36.59	-1.68	+0.09
377		0	17 M7	+0.62	-0.72	+17.86	-27.04	+1.76	+0.07
377		417	17 M7	+0.62	-1.03	+10.51	-27.04	+1.76	+0.07
377	265	0	M+ A	+0.00	+125.55	+0.00	+1263.15	+0.00	+0.00
377	281	417	M+ A	+0.00	+155.14	+0.00	+1266.35	+0.00	+0.00
377	265	0	M- A	-107.80	+0.00	-696.86	+0.00	-48.48	-7.08
377	281	417	M- A	-107.80	+0.00	-511.84	+0.00	-43.20	-7.08
378	266	0	0 G	+45.90	+49.03	-294.07	+525.90	+29.07	-1.28
378	282	417	0 G	+45.90	+54.40	-180.84	+528.31	+25.11	-1.28
378		0	1 Q1	+18.31	+19.46	-133.88	+252.81	+1.07	-0.51
378		417	1 Q1	+18.31	+21.62	-129.42	+252.81	+1.07	-0.51
378		0	11 M1	+7.58	+7.96	-106.82	+179.13	+8.49	-0.17
378		417	11 M1	+7.58	+8.69	-71.31	+179.13	+8.49	-0.17
378		0	12 M2	+5.72	+6.34	-70.07	+88.04	+14.69	-0.25
378		417	12 M2	+5.72	+7.38	-8.66	+88.04	+14.69	-0.25
378		0	13 M3	+6.20	+6.81	-59.54	+114.27	+1.32	-0.13
378		417	13 M3	+6.20	+7.35	-54.04	+114.27	+1.32	-0.13
378		0	14 M4	-0.41	-0.24	+25.00	-38.03	-2.46	+0.08
378		417	14 M4	-0.41	-0.59	+14.73	-38.03	-2.46	+0.08
378		0	15 M5	+7.08	+6.97	-51.48	+87.85	+4.46	+0.18
378		417	15 M5	+7.08	+6.23	-32.83	+87.85	+4.46	+0.18
378		0	16 M6	+16.42	+17.92	-152.68	+240.08	+15.45	-0.87
378		417	16 M6	+16.42	+21.56	-88.12	+240.08	+15.45	-0.87
378		0	17 M7	+1.48	+1.75	-42.93	+57.87	+6.79	-0.11
378		417	17 M7	+1.48	+2.20	-14.56	+57.87	+6.79	-0.11
378	266	0	M+ A	+110.41	+118.38	-0.00	+1400.86	+63.27	+0.00
378	282	417	M+ A	+110.41	+133.88	-0.00	+1404.06	+58.00	+0.00
378	266	0	M- A	+0.00	+0.00	-800.87	+0.00	+0.00	-3.71
378	282	417	M- A	+0.00	+0.00	-547.42	+0.00	+0.00	-3.71
379	267	0	0 G	-3.19	+7.36	-181.67	+361.34	-15.64	-1.21
379	283	416	0 G	-3.19	+12.41	-124.82	+363.75	-11.70	-1.21
379		0	1 Q1	+2.17	-0.52	+63.40	-137.00	+2.52	-0.28
379		416	1 Q1	+2.17	+0.65	+52.92	-137.00	+2.52	-0.28
379		0	11 M1	+0.36	+0.69	+19.01	-54.85	-0.85	-0.18
379		416	11 M1	+0.36	+1.42	+22.55	-54.85	-0.85	-0.18
379		0	12 M2	-2.38	+2.65	-110.95	+207.64	-7.97	-0.19
379		416	12 M2	-2.38	+3.43	-77.80	+207.64	-7.97	-0.19
379		0	13 M3	+1.82	-1.65	+67.41	-108.55	+7.53	-0.02
379		416	13 M3	+1.82	-1.57	+36.10	-108.55	+7.53	-0.02
379		0	14 M4	-2.94	+3.36	-129.77	+217.16	-11.82	-0.27
379		416	14 M4	-2.94	+4.46	-80.58	+217.16	-11.82	-0.27
379		0	15 M5	+1.93	-1.08	-14.30	+31.16	-1.14	-0.25
379		416	15 M5	+1.93	-0.04	-9.57	+31.16	-1.14	-0.25
379		0	16 M6	+0.40	-0.30	+16.31	-25.96	+1.77	-0.01
379		416	16 M6	+0.40	-0.27	+8.96	-25.96	+1.77	-0.01
379		0	17 M7	-0.22	+0.27	-8.93	+14.54	-1.01	-0.00
379		416	17 M7	-0.22	+0.28	-4.73	+14.54	-1.01	-0.00
379	267	0	M+ A	+2.64	+14.83	+5.04	+806.32	+0.00	+0.00
379	283	416	M+ A	+2.64	+24.08	+0.78	+809.52	+2.99	+0.00
379	267	0	M- A	-8.65	+0.00	-436.28	+0.00	-38.53	-2.39
379	283	416	M- A	-8.65	+0.00	-286.88	+0.00	-33.29	-2.39
380	268	0	0 G	-30.07	-31.23	-293.31	+522.72	+30.25	+1.88
380	284	416	0 G	-30.07	-39.05	-175.66	+525.13	+26.31	+1.88
380		0	1 Q1	-14.00	-13.08	-261.13	+353.66	+44.72	+0.53
380		416	1 Q1	-14.00	-15.28	-75.10	+353.66	+44.72	+0.53
380		0	11 M1	-6.23	-5.87	-125.74	+168.71	+22.23	+0.26
380		416	11 M1	-6.23	-6.96	-33.29	+168.71	+22.23	+0.26
380		0	12 M2	-0.67	-1.22	+7.72	+19.37	-8.35	+0.23
380		416	12 M2	-0.67	-2.19	-27.01	+19.37	-8.35	+0.23
380		0	13 M3	-7.08	-6.26	-148.28	+203.55	+23.71	+0.16
380		416	13 M3	-7.08	-6.94	-49.64	+203.55	+23.71	+0.16
380		0	14 M4	-0.11	-2.22	-34.67	+67.46	+1.15	+0.41
380		416	14 M4	-0.11	-3.90	-29.87	+67.46	+1.15	+0.41
380		0	15 M5	-15.49	-16.51	-160.56	+251.51	+17.29	+0.78
380		416	15 M5	-15.49	-19.75	-88.65	+251.51	+17.29	+0.78
380		0	16 M6	-1.79	+0.43	-36.91	+51.15	+5.80	-0.13
380		416	16 M6	-1.79	+0.96	-12.78	+51.15	+5.80	-0.13
380		0	17 M7	+0.69	+1.22	+20.55	-28.10	-3.16	-0.06
380		416	17 M7	+0.69	+1.48	+7.41	-28.10	-3.16	-0.06
380	268	0	M+ A	+0.00	+0.00	-0.00	+1549.92	+136.17	+4.39
380	284	416	M+ A	+0.00	+0.00	-0.00	+1553.12	+130.93	+4.39
380	268	0	M- A	-82.14	-83.96	-983.47	+0.00	+0.00	+0.00
380	284	416	M- A	-82.14	-102.21	-467.98	+0.00	+0.00	+0.00
381	269	0	0 G	+41.57	-45.31	-253.50	+466.62	-24.66	+2.41
381	285	416	0 G	+41.57	-55.35	-159.11	+469.03	-20.72	+2.41
381		0	1 Q1	+15.61	-17.26	-248.65	+336.21	-42.91	+1.04
381		416	1 Q1	+15.61	-21.58	-70.16	+336.21	-42.91	+1.04
381		0	11 M1	+5.71	-6.44	-147.60	+202.31	-23.04	+0.45
381		416	11 M1	+5.71	-8.31	-51.75	+202.31	-23.04	+0.45
381		0	12 M2	+5.94	-6.67	+13.09	+17.34	+12.10	+0.36
381		416	12 M2	+5.94	-8.17	-37.26	+17.34	+12.10	+0.36
381		0	13 M3	+5.56	-5.41	-106.85	+141.88	-18.15	+0.22
381		416	13 M3	+5.56	-6.33	-31.34	+141.88	-18.15	+0.22
381		0	14 M4	-0.98	+1.60	+33.17	-45.44	+5.11	-0.13
381		416	14 M4	-0.98	+2.12	+11.92	-45.44	+5.11	-0.13
381		0	15 M5	+2.85	-2.33	-64.40	+88.58	-10.11	+0.13
381		416	15 M5	+2.85	-2.89	-22.35	+88.58	-10.11	+0.13
381		0	16 M6	+16.86	-19.96	-138.82	+225.93	-13.05	+1.29
381		416	16 M6	+16.86	-25.32	-84.53	+225.93	-13.05	+1.29
381		0	17 M7	+3.66	-3.52	-21.18	+41.68	-0.88	-0.02
381		416	17 M7	+3.66	-3.44	-17.51	+41.68	-0.88	-0.02
381	269	0	M+ A	+101.65	+0.00	+0.00	+1413.38	+0.00	+6.55
381	285	416	M+ A	+101.65	+0.00	+0.00	+1416.59	+0.00	+6.55
381	269	0	M- A	+0.00	-113.49	-894.23	+0.00	-125.28	+0.00
381	285	416	M- A	+0.00	-140.73	-433.13	+0.00	-120.04	+0.00
382	270	0	0 G	+8.30	+2.96	-213.64	+407.48	+20.13	+0.15
382	286	416	0 G	+8.30	+2.35	-138.09	+409.88	+16.19	+0.15
382		0	1 Q1	-4.22	-3.84	+55.13	-124.55	-1.43	-0.23
382		416	1 Q1	-4.22	-2.89	+49.17	-124.55	-1.43	-0.23
382		0	11 M1	-3.78	-3.19	+64.46	-104.12	-7.12	-0.18
382		416	11 M1	-3.78	-2.44	+34.85	-104.12	-7.12	-0.18
382		0	12 M2	+3.77	+1.98	-125.84	+221.30	+12.17	+0.12
382		416	12 M2	+3.77	+1.49	-75.20	+221.30	+12.17	+0.12
382		0	13 M3	+0.54	-0.72	+5.17	-30.44	+1.78	+0.12
382		416	13 M3	+0.54	-1.22	+12.57	-30.44	+1.78	+0.12
382		0	14 M4	+0.82	+0.54	-14.33	+23.31	+1.61	+0.05

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
382		416	14 M4	+0.82	+0.33	-7.63	+23.31	+1.61	+0.05
382		0	15 M5	-1.64	-1.70	+28.11	-45.19	-3.06	-0.05
382		416	15 M5	-1.64	-1.49	+15.39	-45.19	-3.06	-0.05
382		0	16 M6	-2.29	-2.62	-48.80	+91.29	+4.46	-0.24
382		416	16 M6	-2.29	-1.63	-30.25	+91.29	+4.46	-0.24
382		0	17 M7	+6.24	+3.50	-119.72	+196.24	+11.15	+0.41
382		416	17 M7	+6.24	+1.80	-73.33	+196.24	+11.15	+0.41
382	270	0	M+ A	+20.40	+9.19	-0.00	+873.90	+45.03	+0.81
382	286	416	M+ A	+20.40	+5.83	-0.00	+877.10	+39.79	+0.81
382	270	0	M- A	-3.08	-7.01	-472.90	+0.00	+0.00	-0.52
382	286	416	M- A	-3.08	-5.21	-296.47	+0.00	+0.00	-0.52
383	271	0	0 G	-1.32	+2.84	-214.22	+409.49	-19.99	+0.67
383	287	416	0 G	-1.32	+0.05	-139.24	+411.90	-16.05	+0.67
383		0	1 Q1	-4.47	+3.74	+52.96	-121.52	+1.14	+0.34
383		416	1 Q1	-4.47	+2.34	+48.22	-121.52	+1.14	+0.34
383		0	11 M1	-1.46	+0.91	+13.97	-47.44	-1.53	+0.19
383		416	11 M1	-1.46	+0.12	+20.34	-47.44	-1.53	+0.19
383		0	12 M2	+2.41	-1.42	-115.02	+213.67	-8.52	-0.02
383		416	12 M2	+2.41	-1.33	-79.58	+213.67	-8.52	-0.02
383		0	13 M3	-3.11	+2.87	+63.14	-102.20	+6.97	+0.15
383		416	13 M3	-3.11	+2.23	+34.15	-102.20	+6.97	+0.15
383		0	14 M4	+2.89	-1.60	-133.36	+222.33	-12.34	-0.07
383		416	14 M4	+2.89	-1.31	-82.02	+222.33	-12.34	-0.07
383		0	15 M5	-4.40	+4.20	-24.18	+45.61	-2.48	+0.35
383		416	15 M5	-4.40	+2.73	-13.86	+45.61	-2.48	+0.35
383		0	16 M6	-0.53	+0.77	+13.50	-21.59	+1.43	+0.00
383		416	16 M6	-0.53	+0.76	+7.54	-21.59	+1.43	+0.00
383		0	17 M7	+0.42	-0.27	-9.48	+15.46	-1.07	-0.03
383		416	17 M7	+0.42	-0.15	-5.05	+15.46	-1.07	-0.03
383	271	0	M+ A	+3.02	+15.14	+0.00	+878.12	+0.00	+1.88
383	287	416	M+ A	+3.02	+7.32	+0.00	+881.32	+0.00	+1.88
383	271	0	M- A	-14.40	+0.00	-484.95	+0.00	-45.10	+0.00
383	287	416	M- A	-14.40	-1.94	-308.21	+0.00	-39.86	+0.00
384	272	0	0 G	+37.83	+44.14	-249.57	+460.94	+23.93	-3.08
384	288	416	0 G	+37.83	+56.94	-158.22	+463.35	+19.99	-3.08
384		0	1 Q1	+15.29	+17.23	-246.33	+332.78	+42.56	-1.18
384		416	1 Q1	+15.29	+22.14	-69.27	+332.78	+42.56	-1.18
384		0	11 M1	+7.06	+7.88	-119.15	+159.39	+21.28	-0.56
384		416	11 M1	+7.06	+10.21	-30.63	+159.39	+21.28	-0.56
384		0	12 M2	+2.29	+2.81	+12.95	+11.96	-9.10	-0.21
384		416	12 M2	+2.29	+3.70	-24.90	+11.96	-9.10	-0.21
384		0	13 M3	+7.00	+7.86	-141.86	+194.52	+22.77	-0.55
384		416	13 M3	+7.00	+10.14	-47.14	+194.52	+22.77	-0.55
384		0	14 M4	+2.72	+3.97	-31.57	+63.02	+0.75	-0.28
384		416	14 M4	+2.72	+5.13	-28.47	+63.02	+0.75	-0.28
384		0	15 M5	+16.96	+20.37	-148.19	+234.02	+15.52	-1.44
384		416	15 M5	+16.96	+26.37	-83.62	+234.02	+15.52	-1.44
384		0	16 M6	+1.68	+0.57	-31.16	+43.10	+4.92	-0.00
384		416	16 M6	+1.68	+0.58	-10.67	+43.10	+4.92	-0.00
384		0	17 M7	-0.70	-1.10	+22.10	-30.26	-3.40	+0.09
384		416	17 M7	-0.70	-1.46	+7.94	-30.26	-3.40	+0.09
384	272	0	M+ A	+96.39	+112.53	-0.00	+1413.33	+123.44	+0.00
384	288	416	M+ A	+96.39	+145.18	-0.00	+1416.54	+118.20	+0.00
384	272	0	M- A	+0.00	+0.00	-886.77	+0.00	+0.00	-7.85
384	288	416	M- A	+0.00	+0.00	-429.37	+0.00	+0.00	-7.85
385	273	0	0 G	-22.18	+28.44	-296.61	+527.70	-30.84	-3.09
385	289	416	0 G	-22.18	+41.31	-176.53	+530.11	-26.90	-3.09
385		0	1 Q1	-14.08	+13.62	-261.97	+354.95	-44.88	-0.69
385		416	1 Q1	-14.08	+16.51	-75.25	+354.95	-44.88	-0.69
385		0	11 M1	-7.39	+5.97	-152.67	+209.37	-23.83	-0.07
385		416	11 M1	-7.39	+6.25	-53.54	+209.37	-23.83	-0.07
385		0	12 M2	-1.56	+3.68	+7.05	+25.97	+11.27	-0.63
385		416	12 M2	-1.56	+6.30	-39.85	+25.97	+11.27	-0.63
385		0	13 M3	-2.66	+2.84	-113.08	+150.69	-19.05	-0.34
385		416	13 M3	-2.66	+4.24	-33.81	+150.69	-19.05	-0.34
385		0	14 M4	+1.28	-1.92	+31.47	-43.05	+4.85	+0.08
385		416	14 M4	+1.28	-2.25	+11.30	-43.05	+4.85	+0.08
385		0	15 M5	-3.76	+1.14	-73.16	+100.84	-11.46	+0.12
385		416	15 M5	-3.76	+0.63	-25.49	+100.84	-11.46	+0.12
385		0	16 M6	-14.46	+16.96	-146.76	+237.18	-14.17	-1.07
385		416	16 M6	-14.46	+21.41	-87.82	+237.18	-14.17	-1.07
385		0	17 M7	+4.40	-0.66	-25.07	+47.35	-1.35	-0.73
385		416	17 M7	+4.40	+2.39	-19.45	+47.35	-1.35	-0.73
385	273	0	M+ A	+0.00	+81.65	+0.00	+1536.80	+0.00	+0.00
385	289	416	M+ A	+0.00	+109.35	+0.00	+1540.00	+0.00	+0.00
385	273	0	M- A	-70.20	+0.00	-977.15	+0.00	-137.35	-6.66
385	289	416	M- A	-70.20	+0.00	-468.10	+0.00	-132.11	-6.66
386	274	0	0 G	-9.18	-18.86	-179.57	+357.00	+15.58	+2.62
386	290	416	0 G	-9.18	-29.75	-122.97	+359.41	+11.64	+2.62
386		0	1 Q1	+2.90	+0.90	+63.40	-137.01	-2.47	+0.39
386		416	1 Q1	+2.90	-0.71	+53.14	-137.01	-2.47	+0.39
386		0	11 M1	+2.97	+3.28	+66.50	-107.33	-7.33	-0.10
386		416	11 M1	+2.97	+3.72	+36.01	-107.33	-7.33	-0.10
386		0	12 M2	-3.59	-4.93	-119.89	+212.62	+11.34	+0.50
386		416	12 M2	-3.59	-7.00	-72.72	+212.62	+11.34	+0.50
386		0	13 M3	-0.78	-1.84	+9.78	-37.31	+1.17	+0.32
386		416	13 M3	-0.78	-3.18	+14.66	-37.31	+1.17	+0.32
386		0	14 M4	-0.59	-0.72	-13.50	+22.01	+1.51	+0.03
386		416	14 M4	-0.59	-0.83	-7.20	+22.01	+1.51	+0.03
386		0	15 M5	+1.43	+1.41	+31.91	-51.17	-3.47	-0.04
386		416	15 M5	+1.43	+1.56	+17.47	-51.17	-3.47	-0.04
386		0	16 M6	+1.09	-0.10	-41.94	+81.27	+3.53	+0.43
386		416	16 M6	+1.09	-1.88	-27.26	+81.27	+3.53	+0.43
386		0	17 M7	-5.67	-8.58	-113.86	+187.81	+10.28	+0.82
386		416	17 M7	-5.67	-12.00	-71.09	+187.81	+10.28	+0.82
386	274	0	M+ A	+0.00	+0.00	+5.77	+793.74	+37.72	+5.24
386	290	416	M+ A	+0.00	+0.00	+2.79	+796.94	+32.48	+5.24
386	274	0	M- A	-20.72	-37.95	-418.66	+0.00	+0.00	+0.00
386	290	416	M- A	-20.72	-58.53	-272.63	+0.00	-2.69	+0.00
387	275	0	0 G	+4.30	-10.75	-182.89	+359.58	-18.98	+1.08
387	291	379	0 G	+4.30	-14.83	-117.72	+361.82	-15.42	+1.08
387		0	1 Q1	-2.85	+0.89	+145.16	-186.79	+42.19	+0.30
387		379	1 Q1	-2.85	-0.26	-14.75	-186.79	+42.19	+0.30
387		0	11 M1	-1.74	+0.22	+71.80	-85.89	+23.36	+0.27
387		379	11 M1	-1.74	-0.79	-16.72	-85.89	+23.36	+0.27
387		0	12 M2	+2.18	-3.45	-158.88	+233.22	-32.05	+0.22

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
387		379	12 M2	+2.18	-4.30	-37.43	+233.22	-32.05	+0.22
387		0	13 M3	-0.97	+0.96	+76.90	-114.84	+15.22	-0.05
387		379	13 M3	-0.97	+1.15	+19.22	-114.84	+15.22	-0.05
387		0	14 M4	+2.55	-4.53	-135.63	+219.97	-18.77	+0.34
387		379	14 M4	+2.55	-5.80	-64.50	+219.97	-18.77	+0.34
387		0	15 M5	+0.02	-1.10	-23.80	+34.78	-4.71	+0.10
387		379	15 M5	+0.02	-1.46	-5.96	+34.78	-4.71	+0.10
387		0	16 M6	-0.21	+0.29	+18.40	-27.41	+3.63	-0.02
387		379	16 M6	-0.21	+0.37	+4.63	-27.41	+3.63	-0.02
387		0	17 M7	+0.14	-0.09	-10.35	+15.45	-2.05	+0.00
387		379	17 M7	+0.14	-0.09	-2.58	+15.45	-2.05	+0.00
387	275	0	M+ A	+9.55	+0.00	+128.43	+828.08	+73.02	+2.34
387	291	379	M+ A	+9.55	+0.00	+0.00	+831.06	+76.58	+2.34
387	275	0	M- A	-2.15	-21.10	-481.58	-64.84	-73.31	+0.00
387	291	379	M- A	-2.15	-28.78	-273.23	-62.60	-68.57	+0.00
388	276	0	0 G	-13.25	-14.51	-208.59	+401.47	+23.18	-0.06
388	292	379	0 G	-13.25	-14.29	-127.47	+403.71	+19.62	-0.06
388		0	1 Q1	+3.16	-0.06	+137.68	-175.14	-40.68	+0.31
388		379	1 Q1	+3.16	-1.25	-16.52	-175.14	-40.68	+0.31
388		0	11 M1	+2.72	+0.67	+74.42	-110.91	-14.71	+0.18
388		379	11 M1	+2.72	-0.03	+18.67	-110.91	-14.71	+0.18
388		0	12 M2	-5.28	-4.52	-161.87	+239.08	+31.99	-0.15
388		379	12 M2	-5.28	-3.96	-40.61	+239.08	+31.99	-0.15
388		0	13 M3	-1.88	-1.49	+53.20	-57.77	-19.36	-0.14
388		379	13 M3	-1.88	-0.96	-20.16	-57.77	-19.36	-0.14
388		0	14 M4	-0.52	-0.25	-16.52	+24.68	+3.27	-0.03
388		379	14 M4	-0.52	-0.15	-4.11	+24.68	+3.27	-0.03
388		0	15 M5	+1.36	+0.10	+32.59	-48.44	-6.43	+0.11
388		379	15 M5	+1.36	-0.31	+8.23	-48.44	-6.43	+0.11
388		0	16 M6	-1.67	-3.57	-67.10	+98.83	+13.26	+0.09
388		379	16 M6	-1.67	-3.92	-16.86	+98.83	+13.26	+0.09
388		0	17 M7	-5.80	-3.37	-117.71	+195.58	+14.61	-0.32
388		379	17 M7	-5.80	-2.16	-62.33	+195.58	+14.61	-0.32
388	276	0	M+ A	+0.00	+0.00	+88.91	+892.57	+78.83	+0.64
388	292	379	M+ A	+0.00	+0.00	-0.00	+895.55	+74.09	+0.64
388	276	0	M- A	-26.31	-26.16	-520.22	-1.33	-60.77	-0.56
388	292	379	M- A	-26.31	-26.63	-285.33	+0.00	-64.33	-0.56
389	277	0	0 G	-6.28	+13.27	-212.60	+405.60	-24.91	-0.62
389	293	379	0 G	-6.28	+15.60	-124.95	+407.84	-21.35	-0.62
389		0	1 Q1	+3.07	+0.85	+135.76	-172.21	+40.31	-0.41
389		379	1 Q1	+3.07	+2.41	-17.02	-172.21	+40.31	-0.41
389		0	11 M1	+1.66	+0.55	+67.27	-78.87	+22.45	-0.29
389		379	11 M1	+1.66	+1.63	-17.82	-78.87	+22.45	-0.29
389		0	12 M2	-2.96	+3.21	-162.71	+239.12	-32.81	-0.01
389		379	12 M2	-2.96	+3.27	-38.37	+239.12	-32.81	-0.01
389		0	13 M3	+1.41	+0.23	+73.11	-108.95	+14.46	-0.12
389		379	13 M3	+1.41	+0.67	+18.31	-108.95	+14.46	-0.12
389		0	14 M4	-3.71	+3.56	-138.94	+225.11	-19.43	+0.05
389		379	14 M4	-3.71	+3.37	-65.31	+225.11	-19.43	+0.05
389		0	15 M5	+0.10	+2.93	-32.53	+48.38	-6.46	-0.21
389		379	15 M5	+0.10	+3.73	-8.06	+48.38	-6.46	-0.21
389		0	16 M6	+0.38	+0.19	+15.69	-23.27	+3.09	-0.04
389		379	16 M6	+0.38	+0.35	+3.96	-23.27	+3.09	-0.04
389		0	17 M7	-0.16	+0.07	-10.94	+16.35	-2.17	+0.01
389		379	17 M7	-0.16	+0.05	-2.73	+16.35	-2.17	+0.01
389	277	0	M+ A	+0.35	+24.14	+80.34	+898.13	+63.19	+0.00
389	293	379	M+ A	+0.35	+29.61	+0.00	+901.11	+66.75	+0.00
389	277	0	M- A	-13.92	+0.00	-526.82	+0.00	-82.34	-1.80
389	293	379	M- A	-13.92	+0.00	-287.14	+0.00	-77.60	-1.80
390	278	0	0 G	+6.01	+21.86	-176.48	+351.74	+16.75	-2.80
390	294	379	0 G	+6.01	+32.48	-119.75	+353.98	+13.19	-2.80
390		0	1 Q1	-3.15	-0.45	+145.38	-187.07	-42.25	-0.39
390		379	1 Q1	-3.15	+1.05	-14.74	-187.07	-42.25	-0.39
390		0	11 M1	-1.72	-2.31	+76.29	-113.81	-15.10	+0.18
390		379	11 M1	-1.72	-3.00	+19.05	-113.81	-15.10	+0.18
390		0	12 M2	+3.36	+6.38	-156.26	+230.40	+30.88	-0.53
390		379	12 M2	+3.36	+8.40	-39.24	+230.40	+30.88	-0.53
390		0	13 M3	+0.95	+2.85	+57.56	-64.53	-20.23	-0.31
390		379	13 M3	+0.95	+4.02	-19.11	-64.53	-20.23	-0.31
390		0	14 M4	+0.37	+0.43	-15.67	+23.39	+3.10	-0.03
390		379	14 M4	+0.37	+0.55	-3.91	+23.39	+3.10	-0.03
390		0	15 M5	-0.78	-1.24	+36.29	-54.13	-7.18	+0.10
390		379	15 M5	-0.78	-1.63	+9.06	-54.13	-7.18	+0.10
390		0	16 M6	+1.00	+3.45	-60.90	+89.15	+12.00	-0.30
390		379	16 M6	+1.00	+4.60	-15.42	+89.15	+12.00	-0.30
390		0	17 M7	+2.52	+8.25	-112.13	+186.92	+13.52	-1.07
390		379	17 M7	+2.52	+12.30	-60.89	+186.92	+13.52	-1.07
390	278	0	M+ A	+13.04	+41.45	+134.23	+813.41	+68.59	+0.00
390	294	379	M+ A	+13.04	+63.06	-0.00	+816.39	+63.86	+0.00
390	278	0	M- A	-0.83	+0.00	-469.11	-71.52	-70.63	-5.86
390	294	379	M- A	-0.83	+0.00	-270.50	-69.28	-74.19	-5.86
391	279	0	0 G	+40.62	-51.00	-179.50	+521.17	-57.55	+0.92
391	295	435	0 G	+40.62	-55.00	+62.23	+523.93	-53.59	+0.92
391		0	1 Q1	+16.12	-20.68	-128.90	+250.84	-16.76	+0.40
391		435	1 Q1	+16.12	-22.41	-56.00	+250.84	-16.76	+0.40
391		0	11 M1	+7.24	-9.64	-64.42	+108.55	-3.39	+0.21
391		435	11 M1	+7.24	-10.55	-49.68	+108.55	-3.39	+0.21
391		0	12 M2	+3.29	-3.57	-5.42	+59.67	-14.82	-0.01
391		435	12 M2	+3.29	-3.55	+59.06	+59.67	-14.82	-0.01
391		0	13 M3	+6.84	-9.37	-73.39	+159.27	-13.81	+0.23
391		435	13 M3	+6.84	-10.38	-13.33	+159.27	-13.81	+0.23
391		0	14 M4	+2.15	-2.56	-21.58	+84.51	-15.39	+0.10
391		435	14 M4	+2.15	-2.98	+45.36	+84.51	-15.39	+0.10
391		0	15 M5	+15.07	-21.34	-93.38	+244.38	-29.64	+0.71
391		435	15 M5	+15.07	-24.44	+35.55	+244.38	-29.64	+0.71
391		0	16 M6	+4.93	-4.32	-15.56	+44.94	-5.29	-0.23
391		435	16 M6	+4.93	-3.33	+7.44	+44.94	-5.29	-0.23
391		0	17 M7	-0.30	+0.26	+9.64	-24.60	+3.16	-0.04
391		435	17 M7	-0.30	+0.43	-4.09	-24.60	+3.16	-0.04
391	279	0	M+ A	+98.40	+0.00	+0.00	+1398.35	+0.00	+2.83
391	295	435	M+ A	+98.40	+0.00	+171.37	+1402.03	+0.00	+2.83
391	279	0	M- A	+0.00	-127.75	-552.81	+0.00	-143.63	+0.00
391	295	435	M- A	+0.00	-140.07	-87.88	+0.00	-138.36	+0.00
392	280	0	0 G	-38.14	-58.54	-162.27	+464.27	+48.30	+2.36
392	296	435	0 G	-38.14	-68.79	+39.23	+467.04	+44.34	+2.36
392		0	1 Q1	-15.23	-24.23	-123.41	+232.88	+13.85	+0.99

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
392		435	1	Q1	-15.23	-28.55	-63.17	+232.88	+13.85	+0.99
392		0	11	M1	-6.10	-9.93	-68.88	+170.70	+18.56	+0.41
392		435	11	M1	-6.10	-11.70	+11.85	+170.70	+18.56	+0.41
392		0	12	M2	-5.03	-8.11	-6.25	+78.56	+18.80	+0.37
392		435	12	M2	-5.03	-9.72	+75.54	+78.56	+18.80	+0.37
392		0	13	M3	-4.79	-7.54	-51.31	+105.02	+7.05	+0.29
392		435	13	M3	-4.79	-8.80	-20.65	+105.02	+7.05	+0.29
392		0	14	M4	+0.85	+1.46	+15.62	-40.34	-5.21	-0.10
392		435	14	M4	+0.85	+1.88	-7.03	-40.34	-5.21	-0.10
392		0	15	M5	-4.45	-5.29	-28.50	+74.24	+7.96	+0.03
392		435	15	M5	-4.45	-5.43	+6.11	+74.24	+7.96	+0.03
392		0	16	M6	-15.38	-26.12	-84.99	+227.56	+28.63	+1.25
392		435	16	M6	-15.38	-31.58	+39.54	+227.56	+28.63	+1.25
392		0	17	M7	-1.50	-1.63	-13.31	+52.30	+9.51	+0.08
392		435	17	M7	-1.50	-1.99	+28.08	+52.30	+9.51	+0.08
392	280	0	M+	A	+0.00	+0.00	-0.00	+1273.20	+125.88	+6.36
392	296	435	M+	A	+0.00	+0.00	+165.48	+1276.88	+120.61	+6.36
392	280	0	M-	A	-94.35	-149.75	-509.91	+0.00	+0.00	+0.00
392	296	435	M-	A	-94.35	-177.40	-77.03	+0.00	+0.00	+0.00
393	281	0	0	G	-39.63	+63.19	-160.75	+459.08	-47.45	-2.62
393	297	435	0	G	-39.63	+74.58	+37.02	+461.84	-43.49	-2.62
393		0	1	Q1	-15.76	+26.02	-122.59	+229.72	-13.29	-1.10
393		435	1	Q1	-15.76	+30.79	-64.77	+229.72	-13.29	-1.10
393		0	11	M1	-7.12	+12.46	-61.71	+99.19	-1.82	-0.56
393		435	11	M1	-7.12	+14.89	-53.78	+99.19	-1.82	-0.56
393		0	12	M2	-2.92	+3.88	-3.12	+52.25	-13.65	-0.11
393		435	12	M2	-2.92	+4.37	+56.24	+52.25	-13.65	-0.11
393		0	13	M3	-6.82	+12.14	-70.63	+150.12	-12.32	-0.56
393		435	13	M3	-6.82	+14.60	-17.06	+150.12	-12.32	-0.56
393		0	14	M4	-2.41	+3.56	-20.45	+80.34	-14.66	-0.19
393		435	14	M4	-2.41	+4.40	+43.34	+80.34	-14.66	-0.19
393		0	15	M5	-15.90	+28.28	-88.42	+227.03	-26.71	-1.41
393		435	15	M5	-15.90	+34.41	+27.75	+227.03	-26.71	-1.41
393		0	16	M6	-3.66	+3.66	-12.77	+36.42	-3.98	+0.09
393		435	16	M6	-3.66	+3.26	+4.53	+36.42	-3.98	+0.09
393		0	17	M7	+0.55	-1.07	+10.52	-26.88	+3.45	+0.07
393		435	17	M7	+0.55	-1.39	-4.50	-26.88	+3.45	+0.07
393	281	0	M+	A	+0.00	+161.59	+0.00	+1261.23	+0.00	+0.00
393	297	435	M+	A	+0.00	+192.38	+133.60	+1264.91	+0.00	+0.00
393	281	0	M-	A	-97.84	+0.00	-511.93	+0.00	-121.10	-7.08
393	297	435	M-	A	-97.84	+0.00	-131.10	+0.00	-115.84	-7.08
394	282	0	0	G	+42.40	+57.17	-180.90	+525.68	+58.25	-1.28
394	298	435	0	G	+42.40	+62.76	+63.87	+528.45	+54.29	-1.28
394		0	1	Q1	+16.92	+22.72	-129.43	+252.24	+16.95	-0.51
394		435	1	Q1	+16.92	+24.96	-55.72	+252.24	+16.95	-0.51
394		0	11	M1	+7.02	+9.15	-71.33	+178.24	+19.73	-0.17
394		435	11	M1	+7.02	+9.90	+14.50	+178.24	+19.73	-0.17
394		0	12	M2	+5.24	+7.72	-8.70	+86.94	+20.19	-0.25
394		435	12	M2	+5.24	+8.80	+79.14	+86.94	+20.19	-0.25
394		0	13	M3	+5.73	+7.73	-54.04	+113.97	+8.49	-0.13
394		435	13	M3	+5.73	+8.29	-17.10	+113.97	+8.49	-0.13
394		0	14	M4	-0.37	-0.62	+14.73	-37.80	-4.84	+0.08
394		435	14	M4	-0.37	-0.99	-6.33	-37.80	-4.84	+0.08
394		0	15	M5	+6.67	+6.66	-32.84	+87.40	+9.97	+0.18
394		435	15	M5	+6.67	+5.89	+10.53	+87.40	+9.97	+0.18
394		0	16	M6	+15.04	+22.55	-88.15	+238.64	+30.50	-0.87
394		435	16	M6	+15.04	+26.34	+44.51	+238.64	+30.50	-0.87
394		0	17	M7	+1.34	+2.28	-14.58	+57.33	+10.41	-0.11
394		435	17	M7	+1.34	+2.75	+30.70	+57.33	+10.41	-0.11
394	282	0	M+	A	+101.78	+140.54	-0.00	+1397.64	+146.09	+0.00
394	298	435	M+	A	+101.78	+156.68	+203.65	+1401.32	+140.83	+0.00
394	282	0	M-	A	+0.00	+0.00	-547.55	+0.00	+0.00	-3.71
394	298	435	M-	A	+0.00	+0.00	-36.99	+0.00	+0.00	-3.71
395	283	0	0	G	-2.43	+12.58	-124.81	+362.35	-33.89	-1.21
395	299	433	0	G	-2.43	+17.83	+13.41	+365.11	-29.95	-1.21
395		0	1	Q1	+2.21	+0.52	+52.92	-136.59	+10.88	-0.28
395		433	1	Q1	+2.21	+1.74	+5.80	-136.59	+10.88	-0.28
395		0	11	M1	+0.45	+1.40	+22.55	-54.80	+2.50	-0.18
395		433	11	M1	+0.45	+2.17	+11.73	-54.80	+2.50	-0.18
395		0	12	M2	-2.16	+3.56	-77.80	+206.76	-20.64	-0.19
395		433	12	M2	-2.16	+4.37	+11.56	+206.76	-20.64	-0.19
395		0	13	M3	+1.72	-1.68	+36.10	-107.88	+14.14	-0.02
395		433	13	M3	+1.72	-1.60	-25.13	-107.88	+14.14	-0.02
395		0	14	M4	-2.66	+4.63	-80.58	+216.03	-25.07	-0.27
395		433	14	M4	-2.66	+5.78	+27.96	+216.03	-25.07	-0.27
395		0	15	M5	+1.93	-0.16	-9.57	+31.04	-3.04	-0.25
395		433	15	M5	+1.93	+0.93	+3.59	+31.04	-3.04	-0.25
395		0	16	M6	+0.38	-0.30	+8.96	-25.80	+3.35	-0.01
395		433	16	M6	+0.38	-0.28	-5.54	-25.80	+3.35	-0.01
395		0	17	M7	-0.20	+0.30	-4.73	+14.45	-1.89	-0.00
395		433	17	M7	-0.20	+0.32	+3.47	+14.45	-1.89	-0.00
395	283	0	M+	A	+3.44	+24.38	+0.78	+805.98	+2.01	+0.00
395	299	433	M+	A	+3.44	+34.74	+67.61	+809.64	+5.95	+0.00
395	283	0	M-	A	-7.22	+0.00	-286.86	+0.00	-82.67	-2.39
395	299	433	M-	A	-7.22	+0.00	-24.29	+0.00	-77.43	-2.39
396	284	0	0	G	-27.63	-40.82	-175.64	+522.54	+58.34	+1.88
396	300	433	0	G	-27.63	-48.97	+68.43	+525.29	+54.40	+1.88
396		0	1	Q1	-13.04	-16.11	-75.07	+350.26	+66.24	+0.53
396		433	1	Q1	-13.04	-18.40	+211.73	+350.26	+66.24	+0.53
396		0	11	M1	-5.80	-7.33	-33.27	+167.04	+32.49	+0.26
396		433	11	M1	-5.80	-8.47	+107.41	+167.04	+32.49	+0.26
396		0	12	M2	-0.54	-2.23	-27.01	+19.84	-7.15	+0.23
396		433	12	M2	-0.54	-3.24	-57.97	+19.84	-7.15	+0.23
396		0	13	M3	-6.65	-7.36	-49.62	+201.72	+36.10	+0.16
396		433	13	M3	-6.65	-8.07	+106.69	+201.72	+36.10	+0.16
396		0	14	M4	+0.13	-3.90	-29.87	+67.26	+5.27	+0.41
396		433	14	M4	+0.13	-5.66	-7.05	+67.26	+5.27	+0.41
396		0	15	M5	-14.26	-20.66	-88.64	+249.99	+32.62	+0.78
396		433	15	M5	-14.26	-24.03	+52.59	+249.99	+32.62	+0.78
396		0	16	M6	-1.84	+0.85	-12.77	+50.70	+8.91	-0.13
396		433	16	M6	-1.84	+1.40	+25.82	+50.70	+8.91	-0.13
396		0	17	M7	+0.60	+1.52	+7.41	-27.86	-4.87	-0.06
396		433	17	M7	+0.60	+1.80	-13.68	-27.86	-4.87	-0.06
396	284	0	M+	A	+0.00	+0.00	-0.00	+1542.82	+221.15	+4.39
396	300	433	M+	A	+0.00	+0.00	+537.95	+1546.48	+215.91	+4.39
396	284	0	M-	A	-75.74	-107.03	-467.90	+0.00	+0.00	+0.00
396	300	433	M-	A	-75.74	-126.02	-18.53	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
397	285	0	0 G	+38.11	-57.79	-159.10	+466.89	-49.33	+2.41
397	301	433	0 G	+38.11	-68.25	+45.96	+469.64	-45.39	+2.41
397		0	1 Q1	+14.27	-22.49	-70.13	+332.96	-63.36	+1.04
397		433	1 Q1	+14.27	-26.99	+204.22	+332.96	-63.36	+1.04
397		0	11 M1	+5.19	-8.64	-51.74	+200.53	-35.36	+0.45
397		433	11 M1	+5.19	-10.58	+101.35	+200.53	-35.36	+0.45
397		0	12 M2	+5.43	-8.51	-37.27	+18.05	+11.02	+0.36
397		433	12 M2	+5.43	-10.08	-84.99	+18.05	+11.02	+0.36
397		0	13 M3	+5.16	-6.66	-31.32	+140.50	-26.78	+0.22
397		433	13 M3	+5.16	-7.62	+84.65	+140.50	-26.78	+0.22
397		0	14 M4	-0.85	+2.18	+11.92	-45.05	+7.87	-0.13
397		433	14 M4	-0.85	+2.73	-22.18	-45.05	+7.87	-0.13
397		0	15 M5	+2.67	-3.06	-22.35	+87.79	-15.50	+0.13
397		433	15 M5	+2.67	-3.64	+44.76	+87.79	-15.50	+0.13
397		0	16 M6	+15.28	-26.30	-84.52	+224.71	-26.83	+1.29
397		433	16 M6	+15.28	-31.88	+31.63	+224.71	-26.83	+1.29
397		0	17 M7	+3.44	-3.66	-17.51	+41.55	-3.43	-0.02
397		433	17 M7	+3.44	-3.58	-2.68	+41.55	-3.43	-0.02
397	285	0	M+ A	+92.86	+0.00	+0.00	+1407.53	+0.00	+6.55
397	301	433	M+ A	+92.86	+0.00	+488.85	+1411.19	+0.00	+6.55
397	285	0	M- A	+0.00	-146.68	-433.06	+0.00	-204.17	+0.00
397	301	433	M- A	+0.00	-175.03	-81.52	+0.00	-198.93	+0.00
398	286	0	0 G	+8.14	+2.85	-138.08	+408.13	+41.19	+0.15
398	302	433	0 G	+8.14	+2.22	+31.76	+410.88	+37.25	+0.15
398		0	1 Q1	-4.04	-3.14	+49.16	-124.23	-9.04	-0.23
398		433	1 Q1	-4.04	-2.16	+10.02	-124.23	-9.04	-0.23
398		0	11 M1	-3.63	-2.66	+34.84	-103.49	-13.47	-0.18
398		433	11 M1	-3.63	-1.88	-23.46	-103.49	-13.47	-0.18
398		0	12 M2	+3.67	+1.72	-75.20	+220.15	+25.67	+0.12
398		433	12 M2	+3.67	+1.21	+35.94	+220.15	+25.67	+0.12
398		0	13 M3	+0.62	-1.19	+12.57	-30.50	-0.08	+0.12
398		433	13 M3	+0.62	-1.71	+12.20	-30.50	-0.08	+0.12
398		0	14 M4	+0.80	+0.38	-7.63	+23.16	+3.03	+0.05
398		433	14 M4	+0.80	+0.16	+5.49	+23.16	+3.03	+0.05
398		0	15 M5	-1.54	-1.59	+15.38	-44.92	-5.81	-0.05
398		433	15 M5	-1.54	-1.36	-9.79	-44.92	-5.81	-0.05
398		0	16 M6	-2.19	-1.77	-30.25	+90.85	+10.03	-0.24
398		433	16 M6	-2.19	-0.73	+13.17	+90.85	+10.03	-0.24
398		0	17 M7	+6.12	+2.18	-73.33	+195.20	+23.12	+0.41
398		433	17 M7	+6.12	+0.41	+26.77	+195.20	+23.12	+0.41
398	286	0	M+ A	+20.00	+7.07	-0.00	+873.04	+93.29	+0.81
398	302	433	M+ A	+20.00	+4.76	+109.69	+876.70	+88.05	+0.81
398	286	0	M- A	-2.75	-5.39	-296.44	+0.00	+0.00	-0.52
398	302	433	M- A	-2.75	-3.51	-3.43	+0.00	+0.00	-0.52
399	287	0	0 G	-1.32	+0.13	-139.23	+410.15	-41.18	+0.67
399	303	433	0 G	-1.32	-2.77	+30.56	+412.90	-37.24	+0.67
399		0	1 Q1	-4.32	+2.60	+48.22	-121.22	+8.56	+0.34
399		433	1 Q1	-4.32	+1.14	+11.16	-121.22	+8.56	+0.34
399		0	11 M1	-1.45	+0.21	+20.34	-47.44	+1.37	+0.19
399		433	11 M1	-1.45	-0.61	+14.41	-47.44	+1.37	+0.19
399		0	12 M2	+2.33	-1.47	-79.57	+212.75	-21.55	-0.02
399		433	12 M2	+2.33	-1.37	+13.75	+212.75	-21.55	-0.02
399		0	13 M3	-2.96	+2.41	+34.15	-101.59	+13.20	+0.15
399		433	13 M3	-2.96	+1.75	-23.01	-101.59	+13.20	+0.15
399		0	14 M4	+2.81	-1.49	-82.01	+221.16	-25.90	-0.07
399		433	14 M4	+2.81	-1.19	+30.13	+221.16	-25.90	-0.07
399		0	15 M5	-4.23	+2.99	-13.86	+45.38	-5.26	+0.35
399		433	15 M5	-4.23	+1.46	+8.92	+45.38	-5.26	+0.35
399		0	16 M6	-0.48	+0.79	+7.53	-21.46	+2.75	+0.00
399		433	16 M6	-0.48	+0.78	-4.37	-21.46	+2.75	+0.00
399		0	17 M7	+0.41	-0.17	-5.05	+15.36	-2.01	-0.03
399		433	17 M7	+0.41	-0.05	+3.64	+15.36	-2.01	-0.03
399	287	0	M+ A	+2.89	+8.18	+0.00	+877.24	+0.00	+1.88
399	303	433	M+ A	+2.89	+1.38	+100.91	+880.90	+0.00	+1.88
399	287	0	M- A	-13.93	-2.10	-308.18	+0.00	-93.62	+0.00
399	303	433	M- A	-13.93	-5.75	-3.95	+0.00	-88.38	+0.00
400	288	0	0 G	+34.28	+59.15	-158.20	+461.26	+48.25	-3.08
400	304	433	0 G	+34.28	+72.47	+42.21	+464.01	+44.31	-3.08
400		0	1 Q1	+13.91	+23.04	-69.24	+329.56	+62.81	-1.18
400		433	1 Q1	+13.91	+28.15	+202.73	+329.56	+62.81	-1.18
400		0	11 M1	+6.42	+10.62	-30.62	+157.79	+30.97	-0.56
400		433	11 M1	+6.42	+13.04	+103.50	+157.79	+30.97	-0.56
400		0	12 M2	+2.06	+3.83	-24.91	+12.50	-8.35	-0.21
400		433	12 M2	+2.06	+4.76	-61.07	+12.50	-8.35	-0.21
400		0	13 M3	+6.36	+10.55	-47.13	+192.77	+34.61	-0.55
400		433	13 M3	+6.36	+12.91	+102.72	+192.77	+34.61	-0.55
400		0	14 M4	+2.40	+5.29	-28.47	+62.85	+4.59	-0.28
400		433	14 M4	+2.40	+6.50	-8.59	+62.85	+4.59	-0.28
400		0	15 M5	+15.31	+27.36	-83.61	+232.64	+29.79	-1.44
400		433	15 M5	+15.31	+33.60	+45.37	+232.64	+29.79	-1.44
400		0	16 M6	+1.64	+0.68	-10.67	+42.72	+7.55	-0.00
400		433	16 M6	+1.64	+0.69	+22.01	+42.72	+7.55	-0.00
400		0	17 M7	-0.61	-1.50	+7.94	-29.99	-5.25	+0.09
400		433	17 M7	-0.61	-1.87	-14.77	-29.99	-5.25	+0.09
400	288	0	M+ A	+87.34	+150.80	-0.00	+1407.34	+200.88	+0.00
400	304	433	M+ A	+87.34	+184.78	+485.06	+1411.00	+195.64	+0.00
400	288	0	M- A	+0.00	+0.00	-429.29	+0.00	+0.00	-7.85
400	304	433	M- A	+0.00	+0.00	-49.40	+0.00	+0.00	-7.85
401	289	0	0 G	-19.61	+42.59	-176.51	+527.48	-59.22	-3.09
401	305	433	0 G	-19.61	+55.99	+71.39	+530.23	-55.28	-3.09
401		0	1 Q1	-13.04	+17.34	-75.22	+351.55	-66.48	-0.69
401		433	1 Q1	-13.04	+20.34	+212.64	+351.55	-66.48	-0.69
401		0	11 M1	-7.00	+6.69	-53.52	+207.52	-36.57	-0.07
401		433	11 M1	-7.00	+6.98	+104.83	+207.52	-36.57	-0.07
401		0	12 M2	-1.17	+6.38	-39.86	+26.61	+9.67	-0.63
401		433	12 M2	-1.17	+9.11	-81.71	+26.61	+9.67	-0.63
401		0	13 M3	-2.39	+4.40	-33.80	+149.24	-28.22	-0.34
401		433	13 M3	-2.39	+5.86	+88.40	+149.24	-28.22	-0.34
401		0	14 M4	+1.14	-2.33	+11.30	-42.68	+7.47	+0.08
401		433	14 M4	+1.14	-2.68	-21.03	-42.68	+7.47	+0.08
401		0	15 M5	-3.72	+0.86	-25.48	+99.95	-17.60	+0.12
401		433	15 M5	-3.72	+0.34	+50.72	+99.95	-17.60	+0.12
401		0	16 M6	-13.13	+22.26	-87.81	+235.87	-28.63	-1.07
401		433	16 M6	-13.13	+26.89	+36.16	+235.87	-28.63	-1.07
401		0	17 M7	+4.54	+2.12	-19.45	+47.18	-4.24	-0.73
401		433	17 M7	+4.54	+5.29	-1.09	+47.18	-4.24	-0.73
401	289	0	M+ A	+0.00	+113.44	+0.00	+1529.94	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
401	305	433	M+ A	+0.00	+142.27	+539.26	+1533.60	+0.00	+0.00
401	289	0	M- A	-63.39	+0.00	-468.02	+0.00	-223.37	-6.66
401	305	433	M- A	-63.39	+0.00	-51.18	+0.00	-218.13	-6.66
402	290	0	0 G	-7.35	-30.26	-122.96	+358.03	+33.57	+2.62
402	306	433	0 G	-7.35	-41.60	+13.85	+360.78	+29.63	+2.62
402		0	1 Q1	+2.94	-0.53	+53.14	-136.60	-10.83	+0.39
402		433	1 Q1	+2.94	-2.20	+6.25	-136.60	-10.83	+0.39
402		0	11 M1	+2.74	+3.89	+36.01	-106.68	-13.87	-0.10
402		433	11 M1	+2.74	+4.34	-24.05	-106.68	-13.87	-0.10
402		0	12 M2	-3.15	-7.21	-72.71	+211.53	+24.30	+0.50
402		433	12 M2	-3.15	-9.36	+32.52	+211.53	+24.30	+0.50
402		0	13 M3	-0.58	-3.22	+14.66	-37.31	-1.11	+0.32
402		433	13 M3	-0.58	-4.61	+9.86	-37.31	-1.11	+0.32
402		0	14 M4	-0.54	-0.87	-7.20	+21.87	+2.86	+0.03
402		433	14 M4	-0.54	-0.99	+5.16	+21.87	+2.86	+0.03
402		0	15 M5	+1.34	+1.64	+17.46	-50.86	-6.59	-0.04
402		433	15 M5	+1.34	+1.80	-11.07	-50.86	-6.59	-0.04
402		0	16 M6	+1.21	-1.81	-27.26	+80.91	+8.49	+0.43
402		433	16 M6	+1.21	-3.67	+9.48	+80.91	+8.49	+0.43
402		0	17 M7	-4.93	-12.33	-71.09	+186.83	+21.73	+0.82
402		433	17 M7	-4.93	-15.89	+23.01	+186.83	+21.73	+0.82
402	290	0	M+ A	+0.73	+0.00	+2.79	+793.47	+81.10	+5.24
402	306	433	M+ A	+0.73	+0.00	+75.63	+797.13	+75.86	+5.24
402	290	0	M- A	-17.16	-59.45	-272.61	+0.00	-1.86	+0.00
402	306	433	M- A	-17.16	-82.15	-22.23	+0.00	-5.80	+0.00
403	291	0	0 G	+3.46	-15.05	-117.68	+360.38	-35.83	+1.08
403	307	395	0 G	+3.46	-19.30	+16.78	+362.92	-32.25	+1.08
403		0	1 Q1	-2.86	-0.10	-14.86	-184.11	+52.68	+0.30
403		395	1 Q1	-2.86	-1.29	-222.94	-184.11	+52.68	+0.30
403		0	11 M1	-1.78	-0.69	-16.79	-84.44	+28.17	+0.27
403		395	11 M1	-1.78	-1.75	-128.06	-84.44	+28.17	+0.27
403		0	12 M2	+1.94	-4.42	-37.34	+231.04	-45.17	+0.22
403		395	12 M2	+1.94	-5.30	+141.07	+231.04	-45.17	+0.22
403		0	13 M3	-0.90	+1.20	+19.18	-113.80	+21.68	-0.05
403		395	13 M3	-0.90	+1.40	-66.47	-113.80	+21.68	-0.05
403		0	14 M4	+2.22	-5.94	-64.45	+218.56	-31.16	+0.34
403		395	14 M4	+2.22	-7.27	+58.65	+218.56	-31.16	+0.34
403		0	15 M5	-0.07	-1.46	-5.95	+34.46	-6.66	+0.10
403		395	15 M5	-0.07	-1.84	+20.37	+34.46	-6.66	+0.10
403		0	16 M6	-0.19	+0.38	+4.62	-27.16	+5.18	-0.02
403		395	16 M6	-0.19	+0.45	-15.83	-27.16	+5.18	-0.02
403		0	17 M7	+0.14	-0.10	-2.57	+15.31	-2.92	+0.00
403		395	17 M7	+0.14	-0.11	+8.96	+15.31	-2.92	+0.00
403	291	0	M+ A	+7.92	+0.00	+0.00	+825.86	+77.54	+2.34
403	307	395	M+ A	+7.92	+0.00	+233.93	+829.24	+81.12	+2.34
403	291	0	M- A	-3.07	-29.06	-273.25	-58.86	-115.40	+0.00
403	307	395	M- A	-3.07	-38.32	-476.28	-56.32	-110.65	+0.00
404	292	0	0 G	-12.42	-15.01	-127.42	+401.95	+42.39	-0.06
404	308	395	0 G	-12.42	-14.78	+32.97	+404.50	+38.82	-0.06
404		0	1 Q1	+3.22	-1.07	-16.62	-172.56	-50.51	+0.31
404		395	1 Q1	+3.22	-2.31	-216.15	-172.56	-50.51	+0.31
404		0	11 M1	+2.71	+0.13	+18.63	-109.90	-20.95	+0.18
404		395	11 M1	+2.71	-0.60	-64.14	-109.90	-20.95	+0.18
404		0	12 M2	-5.05	-4.25	-40.52	+236.89	+45.45	-0.15
404		395	12 M2	-5.05	-3.67	+139.00	+236.89	+45.45	-0.15
404		0	13 M3	-1.83	-1.06	-20.21	-56.59	-22.59	-0.14
404		395	13 M3	-1.83	-0.51	-109.44	-56.59	-22.59	-0.14
404		0	14 M4	-0.52	-0.18	-4.11	+24.45	+4.66	-0.03
404		395	14 M4	-0.52	-0.08	+14.30	+24.45	+4.66	-0.03
404		0	15 M5	+1.37	-0.23	+8.21	-48.00	-9.15	+0.11
404		395	15 M5	+1.37	-0.66	-27.95	-48.00	-9.15	+0.11
404		0	16 M6	-1.44	-4.01	-16.83	+97.92	+18.82	+0.09
404		395	16 M6	-1.44	-4.37	+57.50	+97.92	+18.82	+0.09
404		0	17 M7	-5.67	-2.48	-62.29	+194.44	+25.64	-0.32
404		395	17 M7	-5.67	-1.22	+38.98	+194.44	+25.64	-0.32
404	292	0	M+ A	+0.00	+0.00	-0.00	+889.94	+124.55	+0.64
404	308	395	M+ A	+0.00	+0.00	+252.36	+893.32	+119.80	+0.64
404	292	0	M- A	-25.02	-27.79	-285.35	+0.00	-59.68	-0.56
404	308	395	M- A	-25.02	-29.33	-422.98	+0.00	-63.25	-0.56
405	293	0	0 G	-5.39	+15.94	-124.89	+405.98	-44.35	-0.62
405	309	395	0 G	-5.39	+18.37	+43.22	+408.52	-40.78	-0.62
405		0	1 Q1	+3.20	+2.24	-17.13	-169.66	+49.98	-0.41
405		395	1 Q1	+3.20	+3.87	-214.54	-169.66	+49.98	-0.41
405		0	11 M1	+1.75	+1.54	-17.88	-77.48	+26.87	-0.29
405		395	11 M1	+1.75	+2.66	-124.02	-77.48	+26.87	-0.29
405		0	12 M2	-2.77	+3.43	-38.28	+236.89	-46.26	-0.01
405		395	12 M2	-2.77	+3.48	+144.45	+236.89	-46.26	-0.01
405		0	13 M3	+1.44	+0.59	+18.27	-107.96	+20.59	-0.12
405		395	13 M3	+1.44	+1.05	-63.06	-107.96	+20.59	-0.12
405		0	14 M4	-3.51	+3.58	-65.26	+223.65	-32.11	+0.05
405		395	14 M4	-3.51	+3.38	+61.57	+223.65	-32.11	+0.05
405		0	15 M5	+0.31	+3.72	-8.04	+47.94	-9.18	-0.21
405		395	15 M5	+0.31	+4.56	+28.21	+47.94	-9.18	-0.21
405		0	16 M6	+0.40	+0.33	+3.96	-23.06	+4.40	-0.04
405		395	16 M6	+0.40	+0.49	-13.44	-23.06	+4.40	-0.04
405		0	17 M7	-0.16	+0.06	-2.72	+16.20	-3.09	+0.01
405		395	17 M7	-0.16	+0.03	+9.47	+16.20	-3.09	+0.01
405	293	0	M+ A	+1.55	+29.80	+0.00	+895.29	+63.43	+0.00
405	309	395	M+ A	+1.55	+36.49	+274.17	+898.67	+67.00	+0.00
405	293	0	M- A	-12.44	+0.00	-287.13	+0.00	-128.37	-1.80
405	309	395	M- A	-12.44	+0.00	-432.42	+0.00	-123.62	-1.80
406	294	0	0 G	+4.17	+32.77	-119.72	+352.67	+33.16	-2.80
406	310	395	0 G	+4.17	+43.84	+4.20	+355.21	+29.59	-2.80
406		0	1 Q1	-3.21	+0.87	-14.85	-184.39	-52.75	-0.39
406		395	1 Q1	-3.21	+2.43	-223.20	-184.39	-52.75	-0.39
406		0	11 M1	-1.55	-3.10	+19.01	-112.77	-21.51	+0.18
406		395	11 M1	-1.55	-3.82	-65.94	-112.77	-21.51	+0.18
406		0	12 M2	+2.88	+8.57	-39.15	+228.29	+43.84	-0.53
406		395	12 M2	+2.88	+10.68	+134.03	+228.29	+43.84	-0.53
406		0	13 M3	+0.72	+4.07	-19.16	-63.28	-23.84	-0.31
406		395	13 M3	+0.72	+5.30	-113.34	-63.28	-23.84	-0.31
406		0	14 M4	+0.34	+0.57	-3.90	+23.17	+4.42	-0.03
406		395	14 M4	+0.34	+0.70	+13.55	+23.17	+4.42	-0.03
406		0	15 M5	-0.68	-1.67	+9.04	-53.63	-10.23	+0.10
406		395	15 M5	-0.68	-2.07	-31.37	-53.63	-10.23	+0.10
406		0	16 M6	+0.73	+4.65	-15.38	+88.33	+17.02	-0.30

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
406		395	16 M6	+0.73	+5.86	+51.83	+88.33	+17.02	-0.30
406		0	17 M7	+1.82	+12.43	-60.86	+185.86	+24.06	-1.07
406		395	17 M7	+1.82	+16.65	+34.16	+185.86	+24.06	-1.07
406	294	0	M+ A	+9.87	+63.40	-0.00	+811.48	+109.87	+0.00
406	310	395	M+ A	+9.87	+86.56	+206.63	+814.86	+105.11	+0.00
406	294	0	M- A	-2.49	+0.00	-270.55	-65.41	-73.81	-5.86
406	310	395	M- A	-2.49	+0.00	-467.13	-62.87	-77.39	-5.86
407	295	0	0 G	+36.88	+57.58	+62.37	+519.23	+88.23	-0.92
407	312	457	0 G	+36.88	+61.78	+455.19	+522.87	+83.68	-0.92
407		0	1 Q1	+14.60	+23.43	-55.96	+249.18	+33.36	-0.40
407		457	1 Q1	+14.60	+25.24	+96.51	+249.18	+33.36	-0.40
407		0	11 M1	+6.53	+11.01	-49.67	+108.09	+10.58	-0.21
407		457	11 M1	+6.53	+11.96	-1.30	+108.09	+10.58	-0.21
407		0	12 M2	+3.05	+3.76	+59.10	+58.55	+18.75	+0.01
407		457	12 M2	+3.05	+3.73	+144.79	+58.55	+18.75	+0.01
407		0	13 M3	+6.13	+10.81	-13.29	+158.01	+24.34	-0.23
407		457	13 M3	+6.13	+11.88	+97.96	+158.01	+24.34	-0.23
407		0	14 M4	+1.95	+3.12	+45.40	+83.31	+20.96	-0.10
407		457	14 M4	+1.95	+3.56	+141.20	+83.31	+20.96	-0.10
407		0	15 M5	+13.42	+25.39	+35.63	+241.87	+45.79	-0.71
407		457	15 M5	+13.42	+28.65	+244.88	+241.87	+45.79	-0.71
407		0	16 M6	+4.70	+3.64	+7.45	+44.49	+8.26	+0.23
407		457	16 M6	+4.70	+2.60	+45.19	+44.49	+8.26	+0.23
407		0	17 M7	-0.27	-0.45	-4.10	-24.34	-4.78	+0.04
407		457	17 M7	-0.27	-0.62	-25.95	-24.34	-4.78	+0.04
407	295	0	M+ A	+88.89	+146.29	+171.61	+1389.76	+231.07	+0.00
407	312	457	M+ A	+88.89	+159.23	+1103.01	+1394.61	+225.02	+0.00
407	295	0	M- A	+0.00	+0.00	-87.67	+0.00	+0.00	-2.83
407	312	457	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-2.83
408	296	0	0 G	-33.49	+71.18	+39.34	+463.07	-75.23	-2.36
408	313	457	0 G	-33.49	+81.95	+372.74	+466.71	-70.68	-2.36
408		0	1 Q1	-13.30	+29.50	-63.13	+231.44	-29.27	-0.99
408		457	1 Q1	-13.30	+34.04	+70.62	+231.44	-29.27	-0.99
408		0	11 M1	-5.31	+12.08	+11.89	+169.09	-29.84	-0.41
408		457	11 M1	-5.31	+13.93	+148.27	+169.09	-29.84	-0.41
408		0	12 M2	-4.37	+10.04	+75.59	+77.14	-23.97	-0.37
408		457	12 M2	-4.37	+11.73	+185.14	+77.14	-23.97	-0.37
408		0	13 M3	-4.20	+9.10	-20.64	+104.32	-14.00	-0.29
408		457	13 M3	-4.20	+10.42	+43.34	+104.32	-14.00	-0.29
408		0	14 M4	+0.72	-1.93	-7.05	-39.90	+7.87	+0.10
408		457	14 M4	+0.72	-2.37	-43.02	-39.90	+7.87	+0.10
408		0	15 M5	-4.08	+5.71	+6.13	+73.55	-12.87	-0.03
408		457	15 M5	-4.08	+5.85	+64.93	+73.55	-12.87	-0.03
408		0	16 M6	-13.25	+32.53	+39.61	+225.16	-43.66	-1.25
408		457	16 M6	-13.25	+38.26	+239.14	+225.16	-43.66	-1.25
408		0	17 M7	-1.37	+2.08	+28.10	+51.55	-12.96	-0.08
408		457	17 M7	-1.37	+2.46	+87.33	+51.55	-12.96	-0.08
408	296	0	M+ A	+0.00	+183.29	+165.71	+1266.07	+0.00	+0.00
408	313	457	M+ A	+0.00	+212.34	+949.79	+1270.91	+0.00	+0.00
408	296	0	M- A	-82.37	+0.00	-76.84	+0.00	-205.05	-6.36
408	313	457	M- A	-82.37	+0.00	+0.00	+0.00	-199.01	-6.36
409	297	0	0 G	-34.60	-77.05	+37.13	+457.94	+74.03	+2.62
409	316	457	0 G	-34.60	-89.03	+365.05	+461.58	+69.48	+2.62
409		0	1 Q1	-13.68	-31.78	-64.74	+228.33	+28.50	+1.10
409		457	1 Q1	-13.68	-36.79	+65.51	+228.33	+28.50	+1.10
409		0	11 M1	-6.12	-15.33	-53.78	+98.85	+8.40	+0.56
409		457	11 M1	-6.12	-17.88	-15.40	+98.85	+8.40	+0.56
409		0	12 M2	-2.62	-4.55	+56.27	+51.22	+17.08	+0.11
409		457	12 M2	-2.62	-5.07	+134.33	+51.22	+17.08	+0.11
409		0	13 M3	-5.83	-15.02	-17.02	+148.97	+22.25	+0.56
409		457	13 M3	-5.83	-17.60	+84.65	+148.97	+22.25	+0.56
409		0	14 M4	-2.11	-4.55	+43.38	+79.19	+19.96	+0.19
409		457	14 M4	-2.11	-5.43	+134.60	+79.19	+19.96	+0.19
409		0	15 M5	-13.59	-35.39	+27.82	+224.75	+41.71	+1.41
409		457	15 M5	-13.59	-41.82	+218.43	+224.75	+41.71	+1.41
409		0	16 M6	-3.43	-3.50	+4.54	+36.07	+6.38	-0.09
409		457	16 M6	-3.43	-3.08	+33.72	+36.07	+6.38	-0.09
409		0	17 M7	+0.46	+1.43	-4.51	-26.59	-5.23	-0.07
409		457	17 M7	+0.46	+1.77	-28.40	-26.59	-5.23	-0.07
409	297	0	M+ A	+0.00	+0.00	+133.80	+1254.44	+199.50	+7.08
409	316	457	M+ A	+0.00	+0.00	+901.60	+1259.28	+193.45	+7.08
409	297	0	M- A	-84.86	-198.46	-130.93	+0.00	+0.00	+0.00
409	316	457	M- A	-84.86	-230.81	-0.00	+0.00	+0.00	+0.00
410	298	0	0 G	+38.14	-65.44	+64.01	+523.68	-89.23	+1.28
410	317	457	0 G	+38.14	-71.30	+461.38	+527.32	-84.68	+1.28
410		0	1 Q1	+15.22	-26.03	-55.67	+250.56	-33.64	+0.51
410		457	1 Q1	+15.22	-28.38	+98.07	+250.56	-33.64	+0.51
410		0	11 M1	+6.34	-10.35	+14.55	+176.54	-31.51	+0.17
410		457	11 M1	+6.34	-11.15	+158.56	+176.54	-31.51	+0.17
410		0	12 M2	+4.65	-9.12	+79.19	+85.41	-25.92	+0.25
410		457	12 M2	+4.65	-10.25	+197.63	+85.41	-25.92	+0.25
410		0	13 M3	+5.16	-8.65	-17.08	+113.15	-16.04	+0.13
410		457	13 M3	+5.16	-9.24	+56.21	+113.15	-16.04	+0.13
410		0	14 M4	-0.31	+1.01	-6.34	-37.40	+7.34	-0.08
410		457	14 M4	-0.31	+1.40	-39.88	-37.40	+7.34	-0.08
410		0	15 M5	+6.27	-6.32	+10.56	+86.55	-15.75	-0.18
410		457	15 M5	+6.27	-5.50	+82.52	+86.55	-15.75	-0.18
410		0	16 M6	+13.26	-27.28	+44.59	+236.09	-46.26	+0.87
410		457	16 M6	+13.26	-31.26	+256.01	+236.09	-46.26	+0.87
410		0	17 M7	+1.15	-2.83	+30.73	+56.51	-14.19	+0.11
410		457	17 M7	+1.15	-3.32	+95.57	+56.51	-14.19	+0.11
410	298	0	M+ A	+91.16	+0.00	+203.92	+1388.89	+0.00	+3.71
410	317	457	M+ A	+91.16	+0.00	+1130.05	+1393.73	+0.00	+3.71
410	298	0	M- A	+0.00	-163.09	-36.76	+0.00	-233.48	+0.00
410	317	457	M- A	+0.00	-180.04	+0.00	+0.00	-227.43	+0.00
411	299	0	0 G	-1.27	-17.95	+13.43	+362.39	+53.59	+1.21
411	311	454	0 G	-1.27	-23.46	+246.95	+366.01	+49.06	+1.21
411		0	1 Q1	+2.31	-1.59	+5.80	-135.59	-19.73	+0.28
411		454	1 Q1	+2.31	-2.88	-83.96	-135.59	-19.73	+0.28
411		0	11 M1	+0.59	-2.13	+11.73	-54.52	-6.05	+0.18
411		454	11 M1	+0.59	-2.94	-15.81	-54.52	-6.05	+0.18
411		0	12 M2	-1.87	-4.50	+11.57	+204.99	+34.01	+0.19
411		454	12 M2	-1.87	-5.35	+166.34	+204.99	+34.01	+0.19
411		0	13 M3	+1.62	+1.71	-25.14	-106.74	-21.11	+0.02
411		454	13 M3	+1.62	+1.62	-121.21	-106.74	-21.11	+0.02
411		0	14 M4	-2.28	-5.95	+27.97	+213.95	+39.04	+0.27

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
411		454	14 M4	-2.28	-7.15	+205.59	+213.95	+39.04	+0.27
411		0	15 M5	+1.98	-0.80	+3.59	+30.77	+5.05	+0.25
411		454	15 M5	+1.98	-1.94	+26.56	+30.77	+5.05	+0.25
411		0	16 M6	+0.36	+0.30	-5.54	-25.53	-5.02	+0.01
411		454	16 M6	+0.36	+0.27	-28.37	-25.53	-5.02	+0.01
411		0	17 M7	-0.18	-0.33	+3.47	+14.30	+2.83	+0.00
411		454	17 M7	-0.18	-0.35	+16.35	+14.30	+2.83	+0.00
411	299	0	M+ A	+4.83	+0.00	+67.64	+802.91	+129.83	+2.39
411	311	454	M+ A	+4.83	+0.00	+636.83	+807.73	+123.80	+2.39
411	299	0	M- A	-5.10	-34.94	-24.28	+0.00	-4.71	+0.00
411	311	454	M- A	-5.10	-45.82	-48.21	+0.00	-9.24	+0.00
412	300	0	0 G	-24.39	+50.66	+68.45	+520.65	-88.38	-1.88
412	312	454	0 G	-24.39	+59.22	+460.27	+524.28	-83.85	-1.88
412		0	1 Q1	-11.82	+19.21	+211.76	+345.23	-88.83	-0.53
412		454	1 Q1	-11.82	+21.62	+615.96	+345.23	-88.83	-0.53
412		0	11 M1	-5.23	+8.83	+107.42	+164.58	-43.26	-0.26
412		454	11 M1	-5.23	+10.03	+304.27	+164.58	-43.26	-0.26
412		0	12 M2	-0.33	+3.27	-57.97	+20.26	+5.85	-0.23
412		454	12 M2	-0.33	+4.33	-84.57	+20.26	+5.85	-0.23
412		0	13 M3	-6.11	+8.49	+106.71	+198.95	-49.12	-0.16
412		454	13 M3	-6.11	+9.23	+330.19	+198.95	-49.12	-0.16
412		0	14 M4	+0.50	+5.64	-7.05	+66.78	-9.63	-0.41
412		454	14 M4	+0.50	+7.48	+36.75	+66.78	-9.63	-0.41
412		0	15 M5	-12.67	+24.91	+52.61	+247.34	-48.78	-0.78
412		454	15 M5	-12.67	+28.45	+274.53	+247.34	-48.78	-0.78
412		0	16 M6	-1.93	-1.28	+25.83	+50.02	-12.19	+0.13
412		454	16 M6	-1.93	-1.85	+81.28	+50.02	-12.19	+0.13
412		0	17 M7	+0.48	-1.83	-13.68	-27.48	+6.67	+0.06
412		454	17 M7	+0.48	-2.13	-44.02	-27.48	+6.67	+0.06
412	300	0	M+ A	+0.00	+130.68	+538.05	+1529.54	+0.00	+0.00
412	312	454	M+ A	+0.00	+150.63	+1939.00	+1534.36	+0.00	+0.00
412	300	0	M- A	-67.40	+0.00	-18.51	+0.00	-311.15	-4.39
412	312	454	M- A	-67.40	+0.00	+0.00	+0.00	-305.12	-4.39
413	301	0	0 G	+33.60	+70.58	+45.98	+465.70	+75.78	-2.41
413	313	454	0 G	+33.60	+81.56	+380.47	+469.33	+71.25	-2.41
413		0	1 Q1	+12.48	+27.86	+204.25	+328.15	+84.84	-1.04
413		454	1 Q1	+12.48	+32.59	+590.27	+328.15	+84.84	-1.04
413		0	11 M1	+4.49	+10.90	+101.37	+197.81	+48.30	-0.45
413		454	11 M1	+4.49	+12.94	+321.12	+197.81	+48.30	-0.45
413		0	12 M2	+4.76	+10.41	-84.99	+18.72	-9.83	-0.36
413		454	12 M2	+4.76	+12.05	-129.70	+18.72	-9.83	-0.36
413		0	13 M3	+4.65	+7.94	+84.67	+138.47	+35.85	-0.22
413		454	13 M3	+4.65	+8.96	+247.78	+138.47	+35.85	-0.22
413		0	14 M4	-0.67	-2.78	-22.18	-44.44	-10.78	+0.13
413		454	14 M4	-0.67	-3.35	-71.24	-44.44	-10.78	+0.13
413		0	15 M5	+2.43	+3.80	+44.76	+86.60	+21.16	-0.13
413		454	15 M5	+2.43	+4.41	+141.06	+86.60	+21.16	-0.13
413		0	16 M6	+13.18	+32.81	+31.64	+222.49	+41.36	-1.29
413		454	16 M6	+13.18	+38.67	+219.81	+222.49	+41.36	-1.29
413		0	17 M7	+3.20	+3.79	-2.67	+41.24	+6.12	+0.02
413		454	17 M7	+3.20	+3.70	+25.16	+41.24	+6.12	+0.02
413	301	0	M+ A	+81.31	+180.69	+488.94	+1396.13	+287.77	+0.00
413	313	454	M+ A	+81.31	+210.48	+1784.58	+1400.95	+281.74	+0.00
413	301	0	M- A	+0.00	+0.00	-81.51	+0.00	+0.00	-6.55
413	313	454	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-6.55
414	302	0	0 G	+7.98	-2.74	+31.78	+407.60	-63.85	-0.15
414	314	454	0 G	+7.98	-2.07	+311.99	+411.22	-59.32	-0.15
414		0	1 Q1	-3.89	+2.41	+10.02	-123.39	+17.09	+0.23
414		454	1 Q1	-3.89	+1.38	-67.72	-123.39	+17.09	+0.23
414		0	11 M1	-3.50	+2.11	-23.47	-102.40	+20.16	+0.18
414		454	11 M1	-3.50	+1.29	-115.17	-102.40	+20.16	+0.18
414		0	12 M2	+3.58	-1.44	+35.95	+218.02	-39.90	-0.12
414		454	12 M2	+3.58	-0.91	+217.51	+218.02	-39.90	-0.12
414		0	13 M3	+0.73	+1.66	+12.20	-30.43	+2.06	-0.12
414		454	13 M3	+0.73	+2.21	+2.81	-30.43	+2.06	-0.12
414		0	14 M4	+0.79	-0.21	+5.49	+22.92	-4.53	-0.05
414		454	14 M4	+0.79	+0.02	+26.09	+22.92	-4.53	-0.05
414		0	15 M5	-1.45	+1.46	-9.79	-44.45	+8.72	+0.05
414		454	15 M5	-1.45	+1.23	-49.46	-44.45	+8.72	+0.05
414		0	16 M6	-2.14	+0.87	+13.18	+90.01	-15.90	+0.24
414		454	16 M6	-2.14	-0.22	+85.54	+90.01	-15.90	+0.24
414		0	17 M7	+6.08	-0.81	+26.78	+193.28	-35.74	-0.41
414		454	17 M7	+6.08	+1.05	+189.39	+193.28	-35.74	-0.41
414	302	0	M+ A	+19.73	+3.68	+109.72	+869.13	+0.00	+0.52
414	314	454	M+ A	+19.73	+3.11	+741.21	+873.95	+0.00	+0.52
414	302	0	M- A	-2.52	-5.81	-3.42	+0.00	-144.77	-0.81
414	314	454	M- A	-2.52	-4.11	+0.00	+0.00	-138.75	-0.81
415	303	0	0 G	-1.49	+2.68	+30.58	+409.61	+63.97	-0.67
415	315	454	0 G	-1.49	+5.73	+311.32	+413.24	+59.44	-0.67
415		0	1 Q1	-4.24	-1.42	+11.16	-120.41	-16.41	-0.34
415		454	1 Q1	-4.24	+0.12	-63.51	-120.41	-16.41	-0.34
415		0	11 M1	-1.48	+0.52	+14.40	-47.25	-4.45	-0.19
415		454	11 M1	-1.48	+1.38	-5.83	-47.25	-4.45	-0.19
415		0	12 M2	+2.23	+1.52	+13.76	+210.90	+35.32	+0.02
415		454	12 M2	+2.23	+1.42	+174.46	+210.90	+35.32	+0.02
415		0	13 M3	-2.84	-1.94	-23.01	-100.52	-19.77	-0.15
415		454	13 M3	-2.84	-1.23	-112.95	-100.52	-19.77	-0.15
415		0	14 M4	+2.72	+1.37	+30.14	+219.01	+40.20	+0.07
415		454	14 M4	+2.72	+1.07	+213.05	+219.01	+40.20	+0.07
415		0	15 M5	-4.12	-1.73	+8.92	+44.94	+8.20	-0.35
415		454	15 M5	-4.12	-0.12	+46.21	+44.94	+8.20	-0.35
415		0	16 M6	-0.43	-0.81	-4.37	-21.24	-4.14	-0.00
415		454	16 M6	-0.43	-0.80	-23.20	-21.24	-4.14	-0.00
415		0	17 M7	+0.40	+0.08	+3.64	+15.20	+3.00	+0.03
415		454	17 M7	+0.40	-0.05	+17.29	+15.20	+3.00	+0.03
415	303	0	M+ A	+2.59	+5.85	+100.94	+873.31	+145.38	+0.00
415	315	454	M+ A	+2.59	+9.92	+733.63	+878.13	+139.35	+0.00
415	303	0	M- A	-13.90	-2.13	-3.94	+0.00	+0.00	-1.88
415	315	454	M- A	-13.90	+0.00	-0.00	+0.00	+0.00	-1.88
416	304	0	0 G	+29.50	-74.55	+42.23	+460.16	-74.34	+3.08
416	316	454	0 G	+29.50	-88.55	+370.17	+463.78	-69.81	+3.08
416		0	1 Q1	+12.05	-28.99	+202.76	+324.78	-84.07	+1.18
416		454	1 Q1	+12.05	-34.36	+585.27	+324.78	-84.07	+1.18
416		0	11 M1	+5.56	-13.43	+103.51	+155.45	-41.15	+0.56
416		454	11 M1	+5.56	-15.98	+290.75	+155.45	-41.15	+0.56
416		0	12 M2	+1.75	-4.88	-61.07	+13.01	+7.52	+0.21

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
416		454	12 M2	+1.75	-5.85	-95.30	+13.01	+7.52	+0.21
416		0	13 M3	+5.51	-13.30	+102.74	+190.11	-47.05	+0.55
416		454	13 M3	+5.51	-15.79	+316.81	+190.11	-47.05	+0.55
416		0	14 M4	+1.98	-6.64	-8.58	+62.42	-8.66	+0.28
416		454	14 M4	+1.98	-7.91	+30.83	+62.42	-8.66	+0.28
416		0	15 M5	+13.10	-34.52	+45.38	+230.22	-44.83	+1.44
416		454	15 M5	+13.10	-41.08	+249.34	+230.22	-44.83	+1.44
416		0	16 M6	+1.59	-0.79	+22.02	+42.14	-10.31	+0.00
416		454	16 M6	+1.59	-0.80	+68.91	+42.14	-10.31	+0.00
416		0	17 M7	-0.49	+1.91	-14.77	-29.59	+7.18	-0.09
416		454	17 M7	-0.49	+2.30	-47.45	-29.59	+7.18	-0.09
416	304	0	M+ A	+75.16	+0.00	+485.15	+1395.79	+0.00	+7.85
416	316	454	M+ A	+75.16	+0.00	+1757.66	+1400.61	+0.00	+7.85
416	304	0	M- A	+0.00	-190.07	-49.39	+0.00	-282.94	+0.00
416	316	454	M- A	+0.00	-225.78	+0.00	+0.00	-276.92	+0.00
417	305	0	0 G	-15.94	-57.15	+71.42	+525.52	+89.59	+3.09
417	317	454	0 G	-15.94	-71.23	+468.73	+529.14	+85.06	+3.09
417		0	1 Q1	-11.70	-21.14	+212.67	+346.49	+89.16	+0.69
417		454	1 Q1	-11.70	-24.29	+618.35	+346.49	+89.16	+0.69
417		0	11 M1	-6.53	-7.42	+104.85	+204.71	+49.97	+0.07
417		454	11 M1	-6.53	-7.72	+332.19	+204.71	+49.97	+0.07
417		0	12 M2	-0.58	-9.16	-81.72	+27.18	-7.92	+0.63
417		454	12 M2	-0.58	-12.02	-117.75	+27.18	-7.92	+0.63
417		0	13 M3	-2.01	-6.01	+88.42	+147.10	+37.85	+0.34
417		454	13 M3	-2.01	-7.55	+260.64	+147.10	+37.85	+0.34
417		0	14 M4	+0.96	+2.75	-21.04	-42.10	-10.22	-0.08
417		454	14 M4	+0.96	+3.11	-67.55	-42.10	-10.22	-0.08
417		0	15 M5	-3.69	-0.58	+50.73	+98.59	+24.05	-0.12
417		454	15 M5	-3.69	-0.03	+160.15	+98.59	+24.05	-0.12
417		0	16 M6	-11.35	-27.69	+36.17	+233.52	+43.88	+1.07
417		454	16 M6	-11.35	-32.56	+235.83	+233.52	+43.88	+1.07
417		0	17 M7	+4.87	-4.98	-1.09	+46.80	+7.29	+0.73
417		454	17 M7	+4.87	-8.32	+32.10	+46.80	+7.29	+0.73
417	305	0	M+ A	+0.00	+0.00	+539.36	+1516.98	+314.47	+6.66
417	317	454	M+ A	+0.00	+0.00	+1956.48	+1521.80	+308.44	+6.66
417	305	0	M- A	-54.02	-146.08	-51.16	+0.00	+0.00	+0.00
417	317	454	M- A	-54.02	-176.38	-0.00	+0.00	+0.00	+0.00
418	306	0	0 G	-4.63	+41.99	+13.86	+358.10	-52.98	-2.62
418	318	454	0 G	-4.63	+53.91	+244.63	+361.72	-48.45	-2.62
418		0	1 Q1	+3.07	+2.01	+6.24	-135.61	+19.67	-0.39
418		454	1 Q1	+3.07	+3.77	-83.28	-135.61	+19.67	-0.39
418		0	11 M1	+2.45	-4.51	-24.06	-105.55	+20.77	+0.10
418		454	11 M1	+2.45	-4.98	-118.54	-105.55	+20.77	+0.10
418		0	12 M2	-2.54	+9.55	+32.53	+209.50	-37.98	-0.50
418		454	12 M2	-2.54	+11.82	+205.36	+209.50	-37.98	-0.50
418		0	13 M3	-0.28	+4.63	+9.86	-37.16	+3.53	-0.32
418		454	13 M3	-0.28	+6.09	-6.19	-37.16	+3.53	-0.32
418		0	14 M4	-0.47	+1.02	+5.16	+21.64	-4.27	-0.03
418		454	14 M4	-0.47	+1.14	+24.59	+21.64	-4.27	-0.03
418		0	15 M5	+1.22	-1.89	-11.07	-50.33	+9.88	+0.04
418		454	15 M5	+1.22	-2.06	-56.02	-50.33	+9.88	+0.04
418		0	16 M6	+1.44	+3.58	+9.49	+80.18	-13.72	-0.43
418		454	16 M6	+1.44	+5.54	+71.91	+80.18	-13.72	-0.43
418		0	17 M7	-3.89	+16.18	+23.02	+185.03	-33.81	-0.82
418		454	17 M7	-3.89	+19.93	+176.88	+185.03	-33.81	-0.82
418	306	0	M+ A	+3.20	+82.84	+75.66	+790.53	+4.73	+0.00
418	318	454	M+ A	+3.20	+106.68	+633.40	+795.35	+9.26	+0.00
418	306	0	M- A	-11.99	+0.00	-22.22	+0.00	-127.44	-5.24
418	318	454	M- A	-11.99	+0.00	-45.60	+0.00	-121.42	-5.24
419	307	0	0 G	+2.28	-19.48	+16.82	+360.29	-54.21	+1.08
419	311	412	0 G	+2.28	-23.91	+231.76	+363.59	-50.13	+1.08
419		0	1 Q1	-2.93	-1.12	-223.01	-180.57	+63.75	+0.30
419		412	1 Q1	-2.93	-2.36	-485.66	-180.57	+63.75	+0.30
419		0	11 M1	-1.88	-1.64	-128.09	-82.57	+33.24	+0.27
419		412	11 M1	-1.88	-2.74	-265.05	-82.57	+33.24	+0.27
419		0	12 M2	+1.61	-5.41	+141.13	+227.87	-59.10	+0.22
419		412	12 M2	+1.61	-6.33	+384.64	+227.87	-59.10	+0.22
419		0	13 M3	-0.82	+1.45	-66.49	-112.27	+28.55	-0.05
419		412	13 M3	-0.82	+1.65	-184.11	-112.27	+28.55	-0.05
419		0	14 M4	+1.77	-7.39	+58.69	+216.27	-44.37	+0.34
419		412	14 M4	+1.77	-8.77	+241.49	+216.27	-44.37	+0.34
419		0	15 M5	-0.18	-1.83	+20.38	+33.99	-8.74	+0.10
419		412	15 M5	-0.18	-2.23	+56.40	+33.99	-8.74	+0.10
419		0	16 M6	-0.16	+0.46	-15.83	-26.80	+6.81	-0.02
419		412	16 M6	-0.16	+0.54	-43.91	-26.80	+6.81	-0.02
419		0	17 M7	+0.13	-0.12	+8.96	+15.11	-3.84	+0.00
419		412	17 M7	+0.13	-0.13	+24.80	+15.11	-3.84	+0.00
419	307	0	M+ A	+5.69	+0.00	+234.07	+821.00	+81.71	+2.34
419	311	412	M+ A	+5.69	+0.00	+885.21	+825.39	+85.80	+2.34
419	307	0	M- A	-4.50	-38.50	-476.38	-51.89	-160.76	+0.00
419	311	412	M- A	-4.50	-48.16	-821.46	-48.59	-155.33	+0.00
420	308	0	0 G	-11.50	-15.51	+33.02	+401.40	+63.29	-0.06
420	314	412	0 G	-11.50	-15.27	+285.36	+404.69	+59.20	-0.06
420		0	1 Q1	+3.36	-2.11	-216.21	-169.18	-60.89	+0.31
420		412	1 Q1	+3.36	-3.40	-467.08	-169.18	-60.89	+0.31
420		0	11 M1	+2.74	-0.43	-64.16	-108.43	-27.58	+0.18
420		412	11 M1	+2.74	-1.19	-177.81	-108.43	-27.58	+0.18
420		0	12 M2	-4.81	-3.97	+139.06	+233.70	+59.74	-0.15
420		412	12 M2	-4.81	-3.37	+385.18	+233.70	+59.74	-0.15
420		0	13 M3	-1.79	-0.62	-109.47	-55.11	-25.98	-0.14
420		412	13 M3	-1.79	-0.04	-216.51	-55.11	-25.98	-0.14
420		0	14 M4	-0.51	-0.11	+14.31	+24.13	+6.14	-0.03
420		412	14 M4	-0.51	+0.00	+39.59	+24.13	+6.14	-0.03
420		0	15 M5	+1.41	-0.58	-27.96	-47.36	-12.05	+0.11
420		412	15 M5	+1.41	-1.03	-77.61	-47.36	-12.05	+0.11
420		0	16 M6	-1.18	-4.45	+57.53	+96.60	+24.72	+0.09
420		412	16 M6	-1.18	-4.83	+159.39	+96.60	+24.72	+0.09
420		0	17 M7	-5.58	-1.57	+39.01	+192.53	+37.39	-0.32
420		412	17 M7	-5.58	-0.25	+193.05	+192.53	+37.39	-0.32
420	308	0	M+ A	+0.00	+0.00	+252.51	+884.40	+173.79	+0.64
420	314	412	M+ A	+0.00	+0.00	+957.31	+888.79	+168.35	+0.64
420	308	0	M- A	-23.66	-30.14	-423.06	+0.00	-60.28	-0.56
420	314	412	M- A	-23.66	-32.13	-669.95	+0.00	-64.37	-0.56
421	309	0	0 G	-4.27	+18.66	+43.28	+405.30	-65.49	-0.62
421	315	412	0 G	-4.27	+21.20	+304.66	+408.60	-61.40	-0.62
421		0	1 Q1	+3.43	+3.66	-214.60	-166.32	+60.18	-0.41

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
421		412	1 Q1	+3.43	+5.36	-462.54	-166.32	+60.18	-0.41
421		0	11 M1	+1.91	+2.55	-124.05	-75.71	+31.52	-0.29
421		412	11 M1	+1.91	+3.73	-253.92	-75.71	+31.52	-0.29
421		0	12 M2	-2.55	+3.64	+144.51	+233.64	-60.55	-0.01
421		412	12 M2	-2.55	+3.70	+393.98	+233.64	-60.55	-0.01
421		0	13 M3	+1.50	+0.96	-63.09	-106.51	+27.10	-0.12
421		412	13 M3	+1.50	+1.45	-174.75	-106.51	+27.10	-0.12
421		0	14 M4	-3.30	+3.59	+61.61	+221.29	-45.62	+0.05
421		412	14 M4	-3.30	+3.39	+249.57	+221.29	-45.62	+0.05
421		0	15 M5	+0.58	+4.53	+28.23	+47.29	-12.07	-0.21
421		412	15 M5	+0.58	+5.41	+77.95	+47.29	-12.07	-0.21
421		0	16 M6	+0.43	+0.47	-13.45	-22.75	+5.80	-0.04
421		412	16 M6	+0.43	+0.64	-37.32	-22.75	+5.80	-0.04
421		0	17 M7	-0.16	+0.04	+9.48	+15.98	-4.06	+0.01
421		412	17 M7	-0.16	+0.02	+26.22	+15.98	-4.06	+0.01
421	309	0	M+ A	+3.22	+36.57	+274.32	+889.51	+63.04	+0.00
421	315	412	M+ A	+3.22	+43.55	+996.17	+893.90	+67.13	+0.00
421	309	0	M- A	-10.62	+0.00	-432.51	+0.00	-177.92	-1.80
421	315	412	M- A	-10.62	+0.00	-700.65	+0.00	-172.49	-1.80
422	310	0	0 G	+1.50	+44.01	+4.24	+352.76	+51.08	-2.80
422	318	412	0 G	+1.50	+55.55	+206.28	+356.06	+47.00	-2.80
422		0	1 Q1	-3.35	+2.23	-223.27	-180.85	-63.84	-0.39
422		412	1 Q1	-3.35	+3.86	-486.28	-180.85	-63.84	-0.39
422		0	11 M1	-1.32	-3.91	-65.97	-111.26	-28.31	+0.18
422		412	11 M1	-1.32	-4.67	-182.60	-111.26	-28.31	+0.18
422		0	12 M2	+2.23	+10.83	+134.09	+225.21	+57.62	-0.53
422		412	12 M2	+2.23	+13.03	+371.46	+225.21	+57.62	-0.53
422		0	13 M3	+0.40	+5.33	-113.37	-61.72	-27.64	-0.31
422		412	13 M3	+0.40	+6.61	-227.24	-61.72	-27.64	-0.31
422		0	14 M4	+0.29	+0.72	+13.56	+22.86	+5.82	-0.03
422		412	14 M4	+0.29	+0.86	+37.52	+22.86	+5.82	-0.03
422		0	15 M5	-0.56	-2.11	-31.38	-52.91	-13.47	+0.10
422		412	15 M5	-0.56	-2.53	-86.86	-52.91	-13.47	+0.10
422		0	16 M6	+0.38	+5.89	+51.85	+87.13	+22.34	-0.30
422		412	16 M6	+0.38	+7.15	+143.91	+87.13	+22.34	-0.30
422		0	17 M7	+0.81	+16.73	+34.19	+184.06	+35.29	-1.07
422		412	17 M7	+0.81	+21.14	+179.58	+184.06	+35.29	-1.07
422	310	0	M+ A	+5.34	+86.65	+206.77	+806.98	+154.36	+0.00
422	318	412	M+ A	+5.34	+110.80	+831.54	+811.37	+148.93	+0.00
422	310	0	M- A	-4.99	+0.00	-467.23	-58.27	-77.56	-5.86
422	318	412	M- A	-4.99	+0.00	-791.06	-54.98	-81.65	-5.86
423	311	0	0 G	-1.44	-19.61	-8.69	+10.24	-0.98	-6.67
423	315	1560	0 G	-1.44	+11.43	+6.55	+10.24	-0.98	+2.69
423		0	1 Q1	-0.56	-2.19	-3.26	-1.08	-0.39	-0.27
423		1560	1 Q1	-0.56	+2.05	+2.77	-1.08	-0.39	-0.27
423		0	11 M1	-0.25	-0.73	-1.34	+0.41	-0.17	-0.17
423		1560	11 M1	-0.25	+1.87	+1.26	+0.41	-0.17	-0.17
423		0	12 M2	-0.12	-1.08	-0.78	+4.28	-0.08	-0.45
423		1560	12 M2	-0.12	+5.94	+0.45	+4.28	-0.08	-0.45
423		0	13 M3	-0.27	-0.22	-1.67	-1.89	-0.19	+0.09
423		1560	13 M3	-0.27	-1.62	+1.25	-1.89	-0.19	+0.09
423		0	14 M4	-0.05	-3.49	-0.36	+5.20	-0.02	-0.83
423		1560	14 M4	-0.05	+9.40	-0.03	+5.20	-0.02	-0.83
423		0	15 M5	-0.50	-1.29	-3.17	-0.02	-0.34	-0.21
423		1560	15 M5	-0.50	+1.95	+2.17	-0.02	-0.34	-0.21
423		0	16 M6	-0.17	-0.06	-1.07	-0.44	-0.13	+0.02
423		1560	16 M6	-0.17	-0.38	+0.95	-0.44	-0.13	+0.02
423		0	17 M7	-0.03	-0.00	-0.18	+0.25	-0.03	-0.02
423		1560	17 M7	-0.03	+0.25	+0.22	+0.25	-0.03	-0.02
423	311	0	M+ A	+0.00	+0.00	+0.00	+21.42	+0.00	+0.00
423	315	1560	M+ A	+0.00	+32.08	+15.72	+21.42	+0.00	+3.71
423	311	0	M- A	-3.42	-34.28	-20.71	+0.00	-2.33	-10.48
423	315	1560	M- A	-3.42	+0.00	+0.00	+0.00	-2.33	+0.00
424	312	0	0 G	+0.51	-175.21	+1.80	-208.57	+0.35	-20.57
424	316	1560	0 G	+0.51	+72.70	-3.60	-208.57	+0.35	-11.21
424		0	1 Q1	+0.20	-65.08	+0.72	-82.67	+0.15	-6.33
424		1560	1 Q1	+0.20	+33.69	-1.66	-82.67	+0.15	-6.33
424		0	11 M1	+0.02	-31.93	-0.18	-38.48	+0.01	-3.16
424		1560	11 M1	+0.02	+17.29	-0.34	-38.48	+0.01	-3.16
424		0	12 M2	+0.08	-10.51	+0.30	-12.95	+0.05	-1.03
424		1560	12 M2	+0.08	+5.57	-0.48	-12.95	+0.05	-1.03
424		0	13 M3	+0.11	-31.03	+0.49	-37.93	+0.09	-3.05
424		1560	13 M3	+0.11	+16.62	-0.94	-37.93	+0.09	-3.05
424		0	14 M4	-0.14	-12.90	-0.92	-14.38	-0.14	-1.30
424		1560	14 M4	-0.14	+7.33	+1.28	-14.38	-0.14	-1.30
424		0	15 M5	-0.09	-72.81	-0.67	-93.42	-0.07	-7.05
424		1560	15 M5	-0.09	+37.14	+0.44	-93.42	-0.07	-7.05
424		0	16 M6	+0.35	-4.88	+1.66	-8.15	+0.28	-0.44
424		1560	16 M6	+0.35	+2.00	-2.65	-8.15	+0.28	-0.44
424		0	17 M7	+0.15	+3.93	+0.85	+4.10	+0.12	+0.40
424		1560	17 M7	+0.15	-2.34	-1.05	+4.10	+0.12	+0.40
424	312	0	M+ A	+1.46	+0.00	+5.85	+0.00	+1.08	+0.00
424	316	1560	M+ A	+1.46	+197.89	+0.00	+0.00	+1.08	+0.00
424	312	0	M- A	+0.00	-430.10	+0.00	-529.13	+0.00	-46.48
424	316	1560	M- A	+0.00	+0.00	-11.01	-529.13	+0.00	-34.03
425	313	0	0 G	+0.64	+18.94	+3.26	-209.93	+0.29	+4.36
425	317	1560	0 G	+0.64	-122.13	-1.31	-209.93	+0.29	+13.72
425		0	1 Q1	+0.46	+11.13	+3.22	-83.57	+0.36	+3.46
425		1560	1 Q1	+0.46	-42.86	-2.33	-83.57	+0.36	+3.46
425		0	11 M1	+0.32	+4.28	+2.39	-33.31	+0.28	+1.36
425		1560	11 M1	+0.32	-16.87	-1.93	-33.31	+0.28	+1.36
425		0	12 M2	-0.08	+5.45	-0.78	-29.18	-0.11	+1.42
425		1560	12 M2	-0.08	-16.66	+0.91	-29.18	-0.11	+1.42
425		0	13 M3	+0.14	+4.08	+0.90	-25.35	+0.08	+1.14
425		1560	13 M3	+0.14	-13.70	-0.38	-25.35	+0.08	+1.14
425		0	14 M4	+0.13	-1.51	+0.93	+6.22	+0.10	-0.35
425		1560	14 M4	+0.13	+3.92	-0.64	+6.22	+0.10	-0.35
425		0	15 M5	+0.62	+0.22	+4.39	-15.91	+0.50	+0.40
425		1560	15 M5	+0.62	-6.04	-3.41	-15.91	+0.50	+0.40
425		0	16 M6	-0.08	+13.25	-0.65	-92.89	-0.09	+3.98
425		1560	16 M6	-0.08	-48.77	+0.69	-92.89	-0.09	+3.98
425		0	17 M7	-0.30	+3.55	-2.71	-8.85	-0.33	+0.68
425		1560	17 M7	-0.30	-7.07	+2.49	-8.85	-0.33	+0.68
425	313	0	M+ A	+2.40	+60.10	+15.27	+0.00	+1.62	+16.44
425	317	1560	M+ A	+2.40	+0.00	+2.43	+0.00	+1.62	+28.88
425	313	0	M- A	+0.00	+0.00	-0.79	-531.35	-0.21	+0.00
425	317	1560	M- A	+0.00	-293.44	-10.01	-531.35	-0.21	+0.00

BARRA	NN	x(cm)	HIP		Mx(mT)	My	Mz	Fx(T)	Vy	Vz
426	314	0	0	G	-1.02	+57.00	-4.30	+22.20	-0.65	+2.25
426	318	1560	0	G	-1.02	-51.13	+5.88	+22.20	-0.65	+11.61
426		0	1	Q1	-0.45	+4.59	-2.26	-1.40	-0.32	+0.62
426		1560	1	Q1	-0.45	-5.09	+2.76	-1.40	-0.32	+0.62
426		0	11	M1	-0.22	-6.46	-1.13	-3.57	-0.17	-0.59
426		1560	11	M1	-0.22	+2.70	+1.53	-3.57	-0.17	-0.59
426		0	12	M2	-0.10	+15.56	-0.15	+7.15	-0.05	+1.47
426		1560	12	M2	-0.10	-7.35	+0.59	+7.15	-0.05	+1.47
426		0	13	M3	-0.15	+10.38	-0.59	+2.26	-0.10	+1.16
426		1560	13	M3	-0.15	-7.69	+0.95	+2.26	-0.10	+1.16
426		0	14	M4	-0.03	+1.34	-0.21	+0.73	-0.02	+0.12
426		1560	14	M4	-0.03	-0.57	+0.15	+0.73	-0.02	+0.12
426		0	15	M5	-0.28	-3.06	-1.57	-1.69	-0.22	-0.28
426		1560	15	M5	-0.28	+1.27	+1.79	-1.69	-0.22	-0.28
426		0	16	M6	-0.28	+7.04	-0.90	+2.24	-0.18	+0.70
426		1560	16	M6	-0.28	-3.85	+1.93	+2.24	-0.18	+0.70
426		0	17	M7	+0.04	+29.27	+0.54	+9.52	+0.07	+3.04
426		1560	17	M7	+0.04	-18.21	-0.55	+9.52	+0.07	+3.04
426	314	0	M+	A	+0.00	+125.91	+0.00	+43.80	+0.00	+8.40
426	318	1560	M+	A	+0.00	+0.00	+14.43	+43.80	+0.00	+20.84
426	314	0	M-	A	-2.39	+0.00	-11.12	+0.00	-1.62	+0.00
426	318	1560	M-	A	-2.39	-102.18	+0.00	+0.00	-1.62	+0.00
427	319	0	0	G	-4.46	-9.94	-0.01	-3.68	-7.92	-2.26
427	320	321	0	G	-4.46	-2.68	+5.12	-3.68	+4.72	-2.26
427		0	1	Q1	-2.47	+2.21	-0.01	+0.77	-12.95	+0.51
427		321	1	Q1	-2.47	+0.56	+0.35	+0.77	+12.73	+0.51
427		0	11	M1	+0.02	+0.97	-0.00	+0.33	-11.18	+0.22
427		321	11	M1	+0.02	+0.26	-3.12	+0.33	+8.82	+0.22
427		0	12	M2	-0.32	-4.93	-0.00	-1.79	+0.25	-1.13
427		321	12	M2	-0.32	-1.29	-0.80	-1.79	+0.25	-1.13
427		0	13	M3	-0.04	+1.44	+0.00	+0.51	-0.12	+0.34
427		321	13	M3	-0.04	+0.35	+0.38	+0.51	-0.12	+0.34
427		0	14	M4	-2.84	-4.72	-0.00	-1.72	+0.54	-1.09
427		321	14	M4	-2.84	-1.22	-1.75	-1.72	+0.54	-1.09
427		0	15	M5	-0.30	-1.87	-0.00	-0.70	+0.04	-0.41
427		321	15	M5	-0.30	-0.54	-0.14	-0.70	+0.04	-0.41
427		0	16	M6	-0.07	+0.18	+0.00	+0.06	-0.03	+0.05
427		321	16	M6	-0.07	+0.02	+0.08	+0.06	-0.03	+0.05
427		0	17	M7	-0.03	-0.26	-0.00	-0.10	+0.02	-0.06
427		321	17	M7	-0.03	-0.07	-0.05	-0.10	+0.02	-0.06
427	319	0	M+	A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
427	320	321	M+	A	+0.00	+0.00	+7.85	+0.00	+34.73	+0.00
427	319	0	M-	A	-12.87	-20.81	-0.03	-7.66	-41.85	-4.75
427	320	321	M-	A	-12.87	-5.56	+0.00	-7.66	+0.00	-4.75
428	95	0	0	G	+0.01	-10.04	-5.85	+1.93	+8.76	-3.63
428	319	555	0	G	+0.01	+10.10	+37.45	+1.93	+6.84	-3.63
428		0	1	Q1	+0.01	+2.17	-10.03	-0.40	+12.84	+0.78
428		555	1	Q1	+0.01	-2.18	+61.22	-0.40	+12.84	+0.78
428		0	11	M1	+0.00	+0.95	-9.06	-0.17	+11.05	+0.34
428		555	11	M1	+0.00	-0.95	+52.28	-0.17	+11.05	+0.34
428		0	12	M2	+0.00	-4.94	+0.39	+0.94	-0.77	-1.79
428		555	12	M2	+0.00	+4.97	-3.87	+0.94	-0.77	-1.79
428		0	13	M3	+0.00	+1.43	-0.33	-0.27	+0.30	+0.52
428		555	13	M3	+0.00	-1.44	+1.33	-0.27	+0.30	+0.52
428		0	14	M4	+0.00	-4.73	+2.16	+0.90	-1.38	-1.71
428		555	14	M4	+0.00	+4.76	-5.50	+0.90	-1.38	-1.71
428		0	15	M5	+0.00	-1.89	-0.18	+0.36	-0.14	-0.68
428		555	15	M5	+0.00	+1.91	-0.95	+0.36	-0.14	-0.68
428		0	16	M6	+0.00	+0.17	-0.12	-0.03	+0.07	+0.06
428		555	16	M6	+0.00	-0.17	+0.25	-0.03	+0.07	+0.06
428		0	17	M7	+0.00	-0.26	+0.02	+0.05	-0.04	-0.10
428		555	17	M7	+0.00	+0.27	-0.22	+0.05	-0.04	-0.10
428	95	0	M+	A	+0.03	+0.00	-0.00	+3.97	+45.57	+0.00
428	319	555	M+	A	+0.03	+20.88	+210.88	+3.97	+43.01	+0.00
428	95	0	M-	A	+0.00	-20.77	-34.91	+0.00	+0.00	-7.50
428	319	555	M-	A	+0.00	+0.00	-0.00	+0.00	+0.00	-7.50
429	96	0	0	G	+0.00	+0.00	-0.00	-0.88	+29.64	-0.92
429	320	555	0	G	+0.00	+5.12	+145.98	-0.88	+18.15	-0.92
429		0	1	Q1	+0.00	+0.00	-0.00	+0.19	+25.20	+0.20
429		555	1	Q1	+0.00	-1.10	+139.88	+0.19	+25.20	+0.20
429		0	11	M1	+0.00	+0.00	-0.00	+0.09	+8.14	+0.09
429		555	11	M1	+0.00	-0.48	+45.20	+0.09	+8.14	+0.09
429		0	12	M2	+0.00	+0.00	-0.00	-0.43	-0.16	-0.45
429		555	12	M2	+0.00	+2.52	-0.90	-0.43	-0.16	-0.45
429		0	13	M3	+0.00	+0.00	-0.00	+0.13	+0.06	+0.13
429		555	13	M3	+0.00	-0.73	+0.34	+0.13	+0.06	+0.13
429		0	14	M4	+0.00	+0.00	-0.00	-0.42	+15.59	-0.43
429		555	14	M4	+0.00	+2.41	+86.53	-0.42	+15.59	-0.43
429		0	15	M5	+0.00	+0.00	-0.00	-0.16	-0.03	-0.17
429		555	15	M5	+0.00	+0.97	-0.16	-0.16	-0.03	-0.17
429		0	16	M6	+0.00	+0.00	-0.00	+0.02	+0.01	+0.02
429		555	16	M6	+0.00	-0.09	+0.08	+0.02	+0.01	+0.02
429		0	17	M7	+0.00	+0.00	-0.00	-0.02	-0.01	-0.02
429		555	17	M7	+0.00	+0.13	-0.05	-0.02	-0.01	-0.02
429	96	0	M+	A	+0.00	+0.00	-0.00	+0.00	+96.83	+0.00
429	320	555	M+	A	+0.00	+10.58	+512.79	+0.00	+81.55	+0.00
429	96	0	M-	A	+0.00	+0.00	-0.00	-1.81	+0.00	-1.91
429	320	555	M-	A	+0.00	+0.00	-0.00	-1.81	+0.00	-1.91
430	321	0	0	G	+2.04	+9.71	-0.01	-3.40	-8.02	+2.32
430	322	321	0	G	+2.04	+2.27	+5.43	-3.40	+4.62	+2.32
430		0	1	Q1	+1.88	-2.29	-0.01	+0.85	-12.96	-0.49
430		321	1	Q1	+1.88	-0.71	+0.37	+0.85	+12.72	-0.49
430		0	11	M1	-0.34	-1.01	-0.00	+0.38	-11.19	-0.21
430		321	11	M1	-0.34	-0.34	-3.10	+0.38	+8.81	-0.21
430		0	12	M2	-0.10	+4.91	-0.00	-1.76	+0.22	+1.14
430		321	12	M2	-0.10	+1.25	-0.71	-1.76	+0.22	+1.14
430		0	13	M3	-0.12	-1.48	+0.00	+0.54	-0.11	-0.33
430		321	13	M3	-0.12	-0.42	+0.35	+0.54	-0.11	-0.33
430		0	14	M4	+2.36	+4.71	-0.00	-1.68	+0.50	+1.09
430		321	14	M4	+2.36	+1.21	-1.62	-1.68	+0.50	+1.09
430		0	15	M5	-0.26	+1.79	-0.00	-0.62	+0.04	+0.44
430		321	15	M5	-0.26	+0.39	-0.11	-0.62	+0.04	+0.44
430		0	16	M6	-0.08	-0.20	+0.00	+0.08	-0.02	-0.04
430		321	16	M6	-0.08	-0.08	+0.08	+0.08	-0.02	-0.04
430		0	17	M7	-0.02	+0.26	-0.00	-0.09	+0.02	+0.06
430		321	17	M7	-0.02	+0.06	-0.05	-0.09	+0.02	+0.06
430	321	0	M+	A	+8.27	+20.48	+0.00	+0.00	+0.00	+4.84

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
430	322	321	M+ A	+8.27	+4.94	+8.26	+0.00	+34.58	+4.84
430	321	0	M- A	+0.00	+0.00	-0.03	-7.23	-42.00	+0.00
430	322	321	M- A	+0.00	+0.00	+0.00	-7.23	+0.00	+0.00
431	319	0	0 G	+0.00	+0.16	+41.91	+4.18	-1.08	+0.06
431	321	450	0 G	+0.00	-0.09	+33.54	+4.18	-2.64	+0.06
431		0	1 Q1	+0.00	+0.03	+63.69	-0.92	-0.11	+0.02
431		450	1 Q1	+0.00	-0.04	+63.19	-0.92	-0.11	+0.02
431		0	11 M1	+0.00	+0.01	+52.26	-0.39	-0.13	+0.01
431		450	11 M1	+0.00	-0.02	+51.69	-0.39	-0.13	+0.01
431		0	12 M2	+0.00	+0.04	-3.56	+2.07	-0.52	+0.01
431		450	12 M2	+0.00	-0.00	-5.89	+2.07	-0.52	+0.01
431		0	13 M3	+0.00	+0.01	+1.37	-0.62	+0.18	+0.01
431		450	13 M3	+0.00	-0.02	+2.18	-0.62	+0.18	+0.01
431		0	14 M4	+0.00	+0.04	-2.67	+1.99	-0.84	+0.01
431		450	14 M4	+0.00	-0.00	-6.44	+1.99	-0.84	+0.01
431		0	15 M5	+0.00	+0.04	-0.65	+0.78	-0.09	+0.01
431		450	15 M5	+0.00	-0.03	-1.08	+0.78	-0.09	+0.01
431		0	16 M6	+0.00	+0.01	+0.32	-0.08	+0.04	+0.00
431		450	16 M6	+0.00	-0.01	+0.50	-0.08	+0.04	+0.00
431		0	17 M7	+0.00	+0.00	-0.19	+0.11	-0.03	+0.00
431		450	17 M7	+0.00	-0.00	-0.31	+0.11	-0.03	+0.00
431	319	0	M+ A	+0.00	+0.31	+220.12	+8.68	+0.00	+0.12
431	321	450	M+ A	+0.00	+0.00	+207.45	+8.68	+0.00	+0.12
431	319	0	M- A	+0.00	+0.00	-0.00	+0.00	-2.84	+0.00
431	321	450	M- A	+0.00	-0.22	-0.00	+0.00	-4.92	+0.00
432	320	0	0 G	+0.00	+0.14	+143.29	-0.49	+8.57	+0.06
432	322	450	0 G	+0.00	-0.11	+143.12	-0.49	-8.64	+0.06
432		0	1 Q1	+0.00	+0.03	+137.95	+0.09	+0.00	+0.02
432		450	1 Q1	+0.00	-0.04	+137.95	+0.09	+0.00	+0.02
432		0	11 M1	+0.00	+0.02	+45.83	+0.03	-0.00	+0.01
432		450	11 M1	+0.00	-0.02	+45.83	+0.03	-0.00	+0.01
432		0	12 M2	+0.00	+0.03	-1.02	-0.23	-0.01	+0.01
432		450	12 M2	+0.00	-0.01	-1.07	-0.23	-0.01	+0.01
432		0	13 M3	+0.00	+0.01	+0.38	+0.07	+0.01	+0.01
432		450	13 M3	+0.00	-0.01	+0.41	+0.07	+0.01	+0.01
432		0	14 M4	+0.00	+0.03	+84.56	-0.22	-0.02	+0.01
432		450	14 M4	+0.00	-0.02	+84.47	-0.22	-0.02	+0.01
432		0	15 M5	+0.00	+0.04	-0.19	-0.09	+0.00	+0.01
432		450	15 M5	+0.00	-0.03	-0.19	-0.09	+0.00	+0.01
432		0	16 M6	+0.00	+0.01	+0.09	+0.01	+0.00	+0.00
432		450	16 M6	+0.00	-0.01	+0.10	+0.01	+0.00	+0.00
432		0	17 M7	+0.00	+0.00	-0.05	-0.01	-0.00	+0.00
432		450	17 M7	+0.00	-0.00	-0.06	-0.01	-0.00	+0.00
432	320	0	M+ A	+0.00	+0.28	+503.65	+0.00	+11.41	+0.12
432	322	450	M+ A	+0.00	+0.00	+503.29	+0.00	+0.00	+0.12
432	320	0	M- A	+0.00	+0.00	-0.00	-1.00	+0.00	+0.00
432	322	450	M- A	+0.00	-0.24	-0.00	-1.00	-11.53	+0.00
433	322	0	0 G	-0.25	+7.25	+5.43	-4.23	-4.78	+2.63
433	323	322	0 G	-0.25	-1.23	+0.40	-4.23	+7.90	+2.63
433		0	1 Q1	-0.00	-1.86	+0.37	+1.08	-12.47	-0.61
433		322	1 Q1	-0.00	+0.11	-0.93	+1.08	+13.29	-0.61
433		0	11 M1	+0.33	-0.84	-3.10	+0.48	+0.68	-0.27
433		322	11 M1	+0.33	+0.04	-5.29	+0.48	+0.68	-0.27
433		0	12 M2	-0.11	+3.75	-0.71	-2.20	+0.42	+1.32
433		322	12 M2	-0.11	-0.51	-2.08	-2.20	+0.42	+1.32
433		0	13 M3	-0.11	-1.17	+0.35	+0.69	-0.19	-0.39
433		322	13 M3	-0.11	+0.10	+0.95	+0.69	-0.19	-0.39
433		0	14 M4	+0.55	+3.62	-1.62	-2.10	-15.02	+1.26
433		322	14 M4	+0.55	-0.45	+5.36	-2.10	+24.98	+1.26
433		0	15 M5	-0.25	+1.32	-0.12	-0.76	+0.07	+0.50
433		322	15 M5	-0.25	-0.28	-0.34	-0.76	+0.07	+0.50
433		0	16 M6	-0.08	-0.18	+0.08	+0.10	-0.04	-0.05
433		322	16 M6	-0.08	-0.02	+0.22	+0.10	-0.04	-0.05
433		0	17 M7	-0.02	+0.19	-0.05	-0.11	+0.03	+0.07
433		322	17 M7	-0.02	-0.03	-0.13	-0.11	+0.03	+0.07
433	322	0	M+ A	+0.58	+15.42	+8.26	+0.00	+0.00	+5.54
433	323	322	M+ A	+0.58	+0.00	+8.58	+0.00	+62.08	+5.54
433	322	0	M- A	-0.71	+0.00	+0.00	-9.00	-42.08	+0.00
433	323	322	M- A	-0.71	-2.42	-8.51	-9.00	+0.00	+0.00
434	97	0	0 G	+0.00	+0.00	-0.00	-0.82	+34.00	-0.93
434	324	555	0 G	+0.00	+5.14	+170.22	-0.82	+22.51	-0.93
434		0	1 Q1	+0.00	+0.00	-0.00	+0.12	+26.63	+0.20
434		555	1 Q1	+0.00	-1.11	+147.78	+0.12	+26.63	+0.20
434		0	11 M1	+0.00	+0.00	-0.00	+0.04	+10.90	+0.09
434		555	11 M1	+0.00	-0.49	+60.48	+0.04	+10.90	+0.09
434		0	12 M2	+0.00	+0.00	-0.00	-0.38	+0.08	-0.46
434		555	12 M2	+0.00	+2.53	+0.44	-0.38	+0.08	-0.46
434		0	13 M3	+0.00	+0.00	-0.00	+0.10	-0.03	+0.13
434		555	13 M3	+0.00	-0.73	-0.16	+0.10	-0.03	+0.13
434		0	14 M4	+0.00	+0.00	-0.00	-0.36	+20.06	-0.44
434		555	14 M4	+0.00	+2.42	+111.36	-0.36	+20.06	-0.44
434		0	15 M5	+0.00	+0.00	-0.00	-0.16	+0.02	-0.17
434		555	15 M5	+0.00	+0.97	+0.10	-0.16	+0.02	-0.17
434		0	16 M6	+0.00	+0.00	-0.00	+0.01	-0.01	+0.02
434		555	16 M6	+0.00	-0.09	-0.03	+0.01	-0.01	+0.02
434		0	17 M7	+0.00	+0.00	-0.00	-0.02	+0.00	-0.02
434		555	17 M7	+0.00	+0.14	+0.03	-0.02	+0.00	-0.02
434	97	0	M+ A	+0.00	+0.00	-0.00	+0.00	+111.27	+0.00
434	324	555	M+ A	+0.00	+10.64	+592.94	+0.00	+95.99	+0.00
434	97	0	M- A	+0.00	+0.00	-0.00	-1.67	+0.00	-1.92
434	324	555	M- A	+0.00	+0.00	-0.00	-1.67	+0.00	-1.92
435	320	0	0 G	-1.77	-7.66	+5.13	-4.66	-4.86	-2.64
435	324	322	0 G	-1.77	+0.86	+0.35	-4.66	+7.82	-2.64
435		0	1 Q1	-0.54	+1.70	+0.35	+0.95	-12.47	+0.62
435		322	1 Q1	-0.54	-0.30	-0.97	+0.95	+13.29	+0.62
435		0	11 M1	-0.62	+0.76	-3.12	+0.41	+0.68	+0.27
435		322	11 M1	-0.62	-0.12	-5.30	+0.41	+0.68	+0.27
435		0	12 M2	-0.20	-3.78	-0.80	-2.26	+0.40	-1.33
435		322	12 M2	-0.20	+0.51	-2.08	-2.26	+0.40	-1.33
435		0	13 M3	-0.08	+1.08	+0.38	+0.64	-0.17	+0.40
435		322	13 M3	-0.08	-0.21	+0.93	+0.64	-0.17	+0.40
435		0	14 M4	-0.86	-3.61	-1.75	-2.16	-15.07	-1.28
435		322	14 M4	-0.86	+0.52	+5.38	-2.16	+24.93	-1.28
435		0	15 M5	-0.27	-1.47	-0.14	-0.89	+0.07	-0.49
435		322	15 M5	-0.27	+0.10	-0.37	-0.89	+0.07	-0.49
435		0	16 M6	-0.07	+0.12	+0.08	+0.07	-0.04	+0.05

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
435		322	16 M6	-0.07	-0.06	+0.21	+0.07	-0.04	+0.05
435		0	17 M7	-0.02	-0.21	-0.05	-0.12	+0.02	-0.07
435		322	17 M7	-0.02	+0.02	-0.13	-0.12	+0.02	-0.07
435	320	0	M+ A	+0.00	+0.00	+7.85	+0.00	+0.00	+0.00
435	324	322	M+ A	+0.00	+1.94	+8.53	+0.00	+61.91	+0.00
435	320	0	M- A	-4.25	-16.02	+0.00	-9.68	-42.26	-5.57
435	324	322	M- A	-4.25	+0.00	-8.61	-9.68	+0.00	-5.57
436	323	0	0 G	+0.00	-0.12	+169.45	-1.46	-8.55	-0.06
436	324	450	0 G	+0.00	+0.13	+169.18	-1.46	+8.66	-0.06
436		0	1 Q1	+0.00	-0.03	+147.30	+0.20	+0.01	-0.02
436		450	1 Q1	+0.00	+0.03	+147.27	+0.20	+0.01	-0.02
436		0	11 M1	+0.00	-0.02	+62.14	+0.05	+0.00	-0.01
436		450	11 M1	+0.00	+0.02	+62.12	+0.05	+0.00	-0.01
436		0	12 M2	+0.00	-0.02	+0.47	-0.66	+0.01	-0.01
436		450	12 M2	+0.00	+0.02	+0.41	-0.66	+0.01	-0.01
436		0	13 M3	+0.00	-0.01	-0.18	+0.19	-0.00	-0.01
436		450	13 M3	+0.00	+0.01	-0.17	+0.19	-0.00	-0.01
436		0	14 M4	+0.00	-0.02	+108.83	-0.64	+0.02	-0.01
436		450	14 M4	+0.00	+0.02	+108.73	-0.64	+0.02	-0.01
436		0	15 M5	+0.00	-0.03	+0.09	-0.26	+0.01	-0.01
436		450	15 M5	+0.00	+0.03	+0.07	-0.26	+0.01	-0.01
436		0	16 M6	+0.00	-0.01	-0.04	+0.02	+0.00	-0.00
436		450	16 M6	+0.00	+0.01	-0.04	+0.02	+0.00	-0.00
436		0	17 M7	+0.00	-0.00	+0.03	-0.03	+0.00	-0.00
436		450	17 M7	+0.00	+0.00	+0.02	-0.03	+0.00	-0.00
436	323	0	M+ A	+0.00	+0.00	+587.46	+0.00	+0.00	+0.00
436	324	450	M+ A	+0.00	+0.26	+586.92	+0.00	+11.57	+0.00
436	323	0	M- A	+0.00	-0.26	+0.00	-2.93	-11.37	-0.12
436	324	450	M- A	+0.00	+0.00	+0.00	-2.93	+0.00	-0.12
437	323	0	0 G	-1.04	+3.80	+0.40	-5.05	-6.07	+1.99
437	325	321	0 G	-1.04	-2.60	-0.42	-5.05	+6.57	+1.99
437		0	1 Q1	-0.44	-1.04	-0.94	+1.31	-13.34	-0.55
437		321	1 Q1	-0.44	+0.72	+0.67	+1.31	+12.34	-0.55
437		0	11 M1	+2.00	-0.47	-5.29	+0.58	-10.22	-0.27
437		321	11 M1	+2.00	+0.38	+3.92	+0.58	+9.78	-0.27
437		0	12 M2	-0.11	+2.01	-2.08	-2.64	+0.33	+1.05
437		321	12 M2	-0.11	-1.35	-3.13	-2.64	+0.33	+1.05
437		0	13 M3	-0.09	-0.66	+0.95	+0.83	-0.15	-0.32
437		321	13 M3	-0.09	+0.37	+1.43	+0.83	-0.15	-0.32
437		0	14 M4	-2.05	+1.97	+5.36	-2.53	+4.88	+1.00
437		321	14 M4	-2.05	-1.24	-10.30	-2.53	+4.88	+1.00
437		0	15 M5	-0.22	+0.65	-0.34	-0.91	+0.05	+0.38
437		321	15 M5	-0.22	-0.55	-0.51	-0.91	+0.05	+0.38
437		0	16 M6	-0.07	-0.12	+0.22	+0.13	-0.03	-0.04
437		321	16 M6	-0.07	+0.02	+0.33	+0.13	-0.03	-0.04
437		0	17 M7	-0.02	+0.10	-0.13	-0.14	+0.02	+0.06
437		321	17 M7	-0.02	-0.08	-0.20	-0.14	+0.02	+0.06
437	323	0	M+ A	+1.97	+8.14	+8.58	+0.00	+1.25	+4.26
437	325	321	M+ A	+1.97	+0.00	+6.17	+0.00	+37.65	+4.26
437	323	0	M- A	-4.94	+0.00	-8.51	-10.78	-38.93	+0.00
437	325	321	M- A	-4.94	-5.54	-16.01	-10.78	+0.00	+0.00
438	98	0	0 G	+0.00	+0.00	-0.00	-0.45	+32.91	-0.93
438	326	555	0 G	+0.00	+5.16	+164.13	-0.45	+21.42	-0.93
438		0	1 Q1	+0.00	+0.00	-0.00	-0.13	+25.25	+0.20
438		555	1 Q1	+0.00	-1.11	+140.13	-0.13	+25.25	+0.20
438		0	11 M1	+0.00	+0.00	-0.00	-0.12	+24.67	+0.09
438		555	11 M1	+0.00	-0.49	+136.95	-0.12	+24.67	+0.09
438		0	12 M2	+0.00	+0.00	-0.00	-0.12	+0.28	-0.46
438		555	12 M2	+0.00	+2.54	+1.54	-0.12	+0.28	-0.46
438		0	13 M3	+0.00	+0.00	-0.00	+0.01	-0.12	+0.13
438		555	13 M3	+0.00	-0.73	-0.66	+0.01	-0.12	+0.13
438		0	14 M4	+0.00	+0.00	-0.00	-0.09	+7.20	-0.44
438		555	14 M4	+0.00	+2.43	+39.94	-0.09	+7.20	-0.44
438		0	15 M5	+0.00	+0.00	-0.00	-0.10	+0.05	-0.18
438		555	15 M5	+0.00	+0.97	+0.30	-0.10	+0.05	-0.18
438		0	16 M6	+0.00	+0.00	-0.00	-0.01	-0.03	+0.02
438		555	16 M6	+0.00	-0.09	-0.14	-0.01	-0.03	+0.02
438		0	17 M7	+0.00	+0.00	-0.00	-0.00	+0.02	-0.02
438		555	17 M7	+0.00	+0.14	+0.10	-0.00	+0.02	-0.02
438	98	0	M+ A	+0.00	+0.00	-0.00	+0.00	+114.86	+0.00
438	326	555	M+ A	+0.00	+10.67	+612.89	+0.00	+99.58	+0.00
438	98	0	M- A	+0.00	+0.00	-0.00	-0.95	+0.00	-1.92
438	326	555	M- A	+0.00	+0.00	-0.00	-0.95	+0.00	-1.92
439	324	0	0 G	-0.73	-4.16	+0.35	-5.64	-6.03	-2.01
439	326	321	0 G	-0.73	+2.29	-0.59	-5.64	+6.61	-2.01
439		0	1 Q1	-0.03	+0.84	-0.97	+1.14	-13.33	+0.55
439		321	1 Q1	-0.03	-0.92	+0.62	+1.14	+12.35	+0.55
439		0	11 M1	-2.25	+0.38	-5.30	+0.49	-10.22	+0.26
439		321	11 M1	-2.25	-0.46	+3.90	+0.49	+9.78	+0.26
439		0	12 M2	-0.17	-2.00	-2.08	-2.72	+0.33	-1.05
439		321	12 M2	-0.17	+1.37	-3.15	-2.72	+0.33	-1.05
439		0	13 M3	-0.06	+0.53	+0.93	+0.76	-0.15	+0.32
439		321	13 M3	-0.06	-0.50	+1.41	+0.76	-0.15	+0.32
439		0	14 M4	+1.77	-1.88	+5.38	-2.61	+4.89	-1.00
439		321	14 M4	+1.77	+1.35	-10.32	-2.61	+4.89	-1.00
439		0	15 M5	-0.23	-0.84	-0.37	-1.08	+0.06	-0.38
439		321	15 M5	-0.23	+0.37	-0.56	-1.08	+0.06	-0.38
439		0	16 M6	-0.06	+0.04	+0.21	+0.08	-0.03	+0.04
439		321	16 M6	-0.06	-0.10	+0.31	+0.08	-0.03	+0.04
439		0	17 M7	-0.02	-0.11	-0.13	-0.15	+0.02	-0.06
439		321	17 M7	-0.02	+0.07	-0.20	-0.15	+0.02	-0.06
439	324	0	M+ A	+1.92	+0.00	+8.54	+0.00	+1.31	+0.00
439	326	321	M+ A	+1.92	+5.14	+5.90	+0.00	+37.72	+0.00
439	324	0	M- A	-4.39	-8.62	-8.61	-11.70	-38.86	-4.29
439	326	321	M- A	-4.39	+0.00	-16.28	-11.70	+0.00	-4.29
440	325	0	0 G	+0.00	-0.13	+164.09	-1.01	-8.60	-0.06
440	326	450	0 G	+0.00	+0.12	+164.06	-1.01	+8.61	-0.06
440		0	1 Q1	+0.00	-0.03	+140.30	-0.01	+0.00	-0.02
440		450	1 Q1	+0.00	+0.03	+140.27	-0.01	+0.00	-0.02
440		0	11 M1	+0.00	-0.02	+135.00	-0.07	+0.00	-0.01
440		450	11 M1	+0.00	+0.02	+135.00	-0.07	+0.00	-0.01
440		0	12 M2	+0.00	-0.02	+1.47	-0.39	-0.00	-0.01
440		450	12 M2	+0.00	+0.02	+1.48	-0.39	-0.00	-0.01
440		0	13 M3	+0.00	-0.01	-0.64	+0.10	+0.00	-0.00
440		450	13 M3	+0.00	+0.01	-0.66	+0.10	+0.00	-0.00
440		0	14 M4	+0.00	-0.02	+43.38	-0.38	-0.00	-0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
440		450	14 M4	+0.00	+0.02	+43.39	-0.38	-0.00	-0.01
440		0	15 M5	+0.00	-0.03	+0.26	-0.17	+0.00	-0.01
440		450	15 M5	+0.00	+0.03	+0.24	-0.17	+0.00	-0.01
440		0	16 M6	+0.00	-0.01	-0.14	+0.01	+0.00	-0.00
440		450	16 M6	+0.00	+0.01	-0.15	+0.01	+0.00	-0.00
440		0	17 M7	+0.00	-0.00	+0.09	-0.02	+0.00	-0.00
440		450	17 M7	+0.00	+0.00	+0.09	-0.02	+0.00	-0.00
440	325	0	M+ A	+0.00	+0.00	+610.15	+0.00	+0.00	+0.00
440	326	450	M+ A	+0.00	+0.26	+610.06	+0.00	+11.47	+0.00
440	325	0	M- A	+0.00	-0.26	+0.00	-1.94	-11.44	-0.12
440	326	450	M- A	+0.00	+0.00	+0.00	-1.94	+0.00	-0.12
441	325	0	0 G	-0.76	+2.44	-0.42	-5.89	-6.19	+1.70
441	327	322	0 G	-0.76	-3.02	-0.91	-5.89	+6.49	+1.70
441		0	1 Q1	-0.18	-0.44	+0.67	+1.54	-12.90	-0.45
441		322	1 Q1	-0.18	+1.00	+0.73	+1.54	+12.86	-0.45
441		0	11 M1	+0.11	-0.12	+3.92	+0.68	-14.89	-0.21
441		322	11 M1	+0.11	+0.56	-0.13	+0.68	+5.11	-0.21
441		0	12 M2	-0.14	+1.18	-3.13	-3.08	+0.06	+0.87
441		322	12 M2	-0.14	-1.61	-3.31	-3.08	+0.06	+0.87
441		0	13 M3	-0.05	-0.39	+1.43	+0.97	-0.03	-0.28
441		322	13 M3	-0.05	+0.50	+1.51	+0.97	-0.03	-0.28
441		0	14 M4	+1.44	+1.19	-10.30	-2.95	-2.31	+0.87
441		322	14 M4	+1.44	-1.60	-2.86	-2.95	-2.31	+0.87
441		0	15 M5	-0.18	+0.38	-0.51	-1.06	+0.01	+0.29
441		322	15 M5	-0.18	-0.55	-0.54	-1.06	+0.01	+0.29
441		0	16 M6	-0.05	-0.08	+0.33	+0.15	-0.01	-0.04
441		322	16 M6	-0.05	+0.05	+0.35	+0.15	-0.01	-0.04
441		0	17 M7	-0.02	+0.05	-0.20	-0.16	+0.00	+0.05
441		322	17 M7	-0.02	-0.10	-0.21	-0.16	+0.00	+0.05
441	325	0	M+ A	+1.40	+5.09	+6.17	+0.00	+0.00	+3.59
441	327	322	M+ A	+1.40	+0.00	+2.12	+0.00	+33.42	+3.59
441	325	0	M- A	-1.49	+0.00	-16.01	-12.57	-44.23	+0.00
441	327	322	M- A	-1.49	-6.50	-6.20	-12.57	+0.00	+0.00
442	99	0	0 G	+0.00	+0.00	-0.00	-0.23	+32.56	-0.93
442	328	555	0 G	+0.00	+5.18	+162.24	-0.23	+21.07	-0.93
442		0	1 Q1	+0.00	+0.00	-0.00	-0.33	+25.25	+0.20
442		555	1 Q1	+0.00	-1.11	+140.12	-0.33	+25.25	+0.20
442		0	11 M1	+0.00	+0.00	-0.00	-0.25	+25.88	+0.09
442		555	11 M1	+0.00	-0.49	+143.62	-0.25	+25.88	+0.09
442		0	12 M2	+0.00	+0.00	-0.00	+0.04	+0.17	-0.46
442		555	12 M2	+0.00	+2.55	+0.92	+0.04	+0.17	-0.46
442		0	13 M3	+0.00	+0.00	-0.00	-0.06	-0.07	+0.13
442		555	13 M3	+0.00	-0.74	-0.37	-0.06	-0.07	+0.13
442		0	14 M4	+0.00	+0.00	-0.00	+0.11	+17.55	-0.44
442		555	14 M4	+0.00	+2.44	+97.43	+0.11	+17.55	-0.44
442		0	15 M5	+0.00	+0.00	-0.00	-0.08	+0.03	-0.18
442		555	15 M5	+0.00	+0.98	+0.19	-0.08	+0.03	-0.18
442		0	16 M6	+0.00	+0.00	-0.00	-0.02	-0.01	+0.02
442		555	16 M6	+0.00	-0.09	-0.08	-0.02	-0.01	+0.02
442		0	17 M7	+0.00	+0.00	-0.00	+0.00	+0.01	-0.02
442		555	17 M7	+0.00	+0.14	+0.06	+0.00	+0.01	-0.02
442	99	0	M+ A	+0.00	+0.00	-0.00	+0.00	+116.21	+0.00
442	328	555	M+ A	+0.00	+10.71	+620.38	+0.00	+100.93	+0.00
442	99	0	M- A	+0.00	+0.00	-0.00	-1.12	+0.00	-1.93
442	328	555	M- A	+0.00	+0.00	-0.00	-1.12	+0.00	-1.93
443	326	0	0 G	-0.66	-2.75	-0.59	-6.63	-6.19	-1.45
443	328	322	0 G	-0.66	+1.91	-1.08	-6.63	+6.49	-1.45
443		0	1 Q1	-0.18	+0.23	+0.62	+1.32	-12.90	+0.43
443		322	1 Q1	-0.18	-1.15	+0.67	+1.32	+12.86	+0.43
443		0	11 M1	-0.30	+0.04	+3.90	+0.57	-14.89	+0.22
443		322	11 M1	-0.30	-0.66	-0.16	+0.57	+5.11	+0.22
443		0	12 M2	-0.10	-1.15	-3.15	-3.19	+0.06	-0.78
443		322	12 M2	-0.10	+1.36	-3.33	-3.19	+0.06	-0.78
443		0	13 M3	-0.06	+0.25	+1.41	+0.89	-0.03	+0.22
443		322	13 M3	-0.06	-0.47	+1.49	+0.89	-0.03	+0.22
443		0	14 M4	-1.69	-1.06	-10.32	-3.06	-2.31	-0.71
443		322	14 M4	-1.69	+1.23	-2.88	-3.06	-2.31	-0.71
443		0	15 M5	-0.17	-0.57	-0.56	-1.27	+0.01	-0.31
443		322	15 M5	-0.17	+0.42	-0.59	-1.27	+0.01	-0.31
443		0	16 M6	-0.05	-0.01	+0.31	+0.09	-0.01	+0.02
443		322	16 M6	-0.05	-0.08	+0.33	+0.09	-0.01	+0.02
443		0	17 M7	-0.01	-0.07	-0.20	-0.17	+0.00	-0.04
443		322	17 M7	-0.01	+0.07	-0.21	-0.17	+0.00	-0.04
443	326	0	M+ A	+0.00	+0.00	+5.90	+0.00	+0.00	+0.00
443	328	322	M+ A	+0.00	+4.62	+1.86	+0.00	+33.42	+0.00
443	326	0	M- A	-3.61	-5.44	-16.28	-13.73	-44.23	-3.12
443	328	322	M- A	-3.61	-0.51	-6.45	-13.73	+0.00	-3.12
444	327	0	0 G	+0.00	-0.13	+162.29	-0.33	-8.58	-0.06
444	328	450	0 G	+0.00	+0.12	+162.19	-0.33	+8.63	-0.06
444		0	1 Q1	+0.00	-0.03	+140.22	-0.07	+0.01	-0.02
444		450	1 Q1	+0.00	+0.03	+140.19	-0.07	+0.01	-0.02
444		0	11 M1	+0.00	-0.02	+142.01	-0.08	+0.00	-0.01
444		450	11 M1	+0.00	+0.02	+141.99	-0.08	+0.00	-0.01
444		0	12 M2	+0.00	-0.02	+0.90	-0.10	+0.00	-0.01
444		450	12 M2	+0.00	+0.02	+0.88	-0.10	+0.00	-0.01
444		0	13 M3	+0.00	-0.01	-0.38	+0.03	+0.00	-0.00
444		450	13 M3	+0.00	+0.01	-0.39	+0.03	+0.00	-0.00
444		0	14 M4	+0.00	-0.02	+97.23	-0.10	+0.00	-0.01
444		450	14 M4	+0.00	+0.02	+97.22	-0.10	+0.00	-0.01
444		0	15 M5	+0.00	-0.03	+0.16	-0.04	+0.01	-0.01
444		450	15 M5	+0.00	+0.03	+0.13	-0.04	+0.01	-0.01
444		0	16 M6	+0.00	-0.01	-0.08	+0.01	+0.00	-0.00
444		450	16 M6	+0.00	+0.01	-0.09	+0.01	+0.00	-0.00
444		0	17 M7	+0.00	-0.00	+0.06	-0.01	+0.00	-0.00
444		450	17 M7	+0.00	+0.00	+0.05	-0.01	+0.00	-0.00
444	327	0	M+ A	+0.00	+0.00	+618.16	+0.00	+0.00	+0.00
444	328	450	M+ A	+0.00	+0.26	+617.96	+0.00	+11.50	+0.00
444	327	0	M- A	+0.00	-0.26	+0.00	-0.68	-11.41	-0.12
444	328	450	M- A	+0.00	+0.00	+0.00	-0.68	+0.00	-0.12
445	327	0	0 G	-0.44	+2.04	-0.91	-6.72	-5.95	+2.21
445	329	321	0 G	-0.44	-5.07	-2.09	-6.72	+6.69	+2.21
445		0	1 Q1	+0.01	-0.16	+0.73	+1.77	-12.38	-0.20
445		321	1 Q1	+0.01	+0.49	-0.77	+1.77	+13.30	-0.20
445		0	11 M1	-1.47	+0.05	-0.13	+0.79	-20.76	-0.02
445		321	11 M1	-1.47	+0.10	-0.28	+0.79	+19.24	-0.02
445		0	12 M2	-0.13	+0.92	-3.31	-3.53	-0.11	+0.93

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
445		321	12 M2	-0.13	-2.06	-2.97	-3.53	-0.11	+0.93
445		0	13 M3	-0.02	-0.26	+1.51	+1.12	+0.04	-0.29
445		321	13 M3	-0.02	+0.67	+1.37	+1.12	+0.04	-0.29
445		0	14 M4	+1.28	+0.84	-2.86	-3.37	-19.86	+1.01
445		321	14 M4	+1.28	-2.40	-5.91	-3.37	+20.14	+1.01
445		0	15 M5	-0.12	+0.38	-0.54	-1.21	-0.02	+0.30
445		321	15 M5	-0.12	-0.59	-0.49	-1.21	-0.02	+0.30
445		0	16 M6	-0.03	-0.05	+0.35	+0.17	+0.01	-0.05
445		321	16 M6	-0.03	+0.11	+0.32	+0.17	+0.01	-0.05
445		0	17 M7	-0.01	+0.04	-0.21	-0.18	-0.01	+0.04
445		321	17 M7	-0.01	-0.11	-0.19	-0.18	-0.01	+0.04
445	327	0	M+ A	+1.49	+4.13	+2.12	+0.00	+0.00	+4.51
445	329	321	M+ A	+1.49	+0.00	+0.00	+0.00	+53.21	+4.51
445	327	0	M- A	-2.79	+0.00	-6.20	-14.36	-52.17	+0.00
445	329	321	M- A	-2.79	-10.45	-12.50	-14.36	+0.00	+0.00
446	100	0	0 G	+0.00	+0.00	-0.00	+0.34	+33.12	-0.94
446	330	555	0 G	+0.00	+5.20	+165.30	+0.34	+21.63	-0.94
446		0	1 Q1	+0.00	+0.00	-0.00	+0.18	+26.07	+0.20
446		555	1 Q1	+0.00	-1.12	+144.70	+0.18	+26.07	+0.20
446		0	11 M1	+0.00	+0.00	-0.00	+0.13	+16.97	+0.09
446		555	11 M1	+0.00	-0.49	+94.19	+0.13	+16.97	+0.09
446		0	12 M2	+0.00	+0.00	-0.00	+0.03	-0.06	-0.46
446		555	12 M2	+0.00	+2.56	-0.31	+0.03	-0.06	-0.46
446		0	13 M3	+0.00	+0.00	-0.00	+0.05	+0.02	+0.13
446		555	13 M3	+0.00	-0.74	+0.13	+0.05	+0.02	+0.13
446		0	14 M4	+0.00	+0.00	-0.00	+0.01	+26.35	-0.44
446		555	14 M4	+0.00	+2.45	+146.24	+0.01	+26.35	-0.44
446		0	15 M5	+0.00	+0.00	-0.00	+0.10	-0.00	-0.18
446		555	15 M5	+0.00	+0.98	-0.01	+0.10	-0.00	-0.18
446		0	16 M6	+0.00	+0.00	-0.00	+0.02	+0.01	+0.02
446		555	16 M6	+0.00	-0.09	+0.04	+0.02	+0.01	+0.02
446		0	17 M7	+0.00	+0.00	-0.00	-0.00	-0.00	-0.02
446		555	17 M7	+0.00	+0.14	-0.01	-0.00	-0.00	-0.02
446	100	0	M+ A	+0.00	+0.00	-0.00	+0.89	+118.76	+0.00
446	330	555	M+ A	+0.00	+10.76	+634.54	+0.89	+103.48	+0.00
446	100	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.94
446	330	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.94
447	328	0	0 G	-0.61	-3.14	-1.08	-7.62	-5.96	-1.35
447	330	321	0 G	-0.61	+1.18	-2.25	-7.62	+6.68	-1.35
447		0	1 Q1	-0.25	-0.01	+0.67	+1.51	-12.38	+0.17
447		321	1 Q1	-0.25	-0.56	-0.81	+1.51	+13.30	+0.17
447		0	11 M1	+1.33	-0.15	-0.16	+0.65	-20.76	+0.04
447		321	11 M1	+1.33	-0.29	-0.31	+0.65	+19.24	+0.04
447		0	12 M2	-0.06	-1.17	-3.33	-3.65	-0.11	-0.64
447		321	12 M2	-0.06	+0.87	-2.99	-3.65	-0.11	-0.64
447		0	13 M3	-0.05	+0.28	+1.49	+1.02	+0.04	+0.13
447		321	13 M3	-0.05	-0.13	+1.35	+1.02	+0.04	+0.13
447		0	14 M4	-1.48	-1.19	-2.88	-3.51	-19.86	-0.50
447		321	14 M4	-1.48	+0.43	-5.93	-3.51	+20.14	-0.50
447		0	15 M5	-0.11	-0.53	-0.59	-1.46	-0.02	-0.35
447		321	15 M5	-0.11	+0.59	-0.53	-1.46	-0.02	-0.35
447		0	16 M6	-0.03	+0.01	+0.33	+0.11	+0.01	-0.00
447		321	16 M6	-0.03	+0.02	+0.30	+0.11	+0.01	-0.00
447		0	17 M7	-0.01	-0.06	-0.21	-0.20	-0.01	-0.03
447		321	17 M7	-0.01	+0.04	-0.19	-0.20	-0.01	-0.03
447	328	0	M+ A	+1.39	+0.00	+1.86	+0.00	+0.00	+0.00
447	330	321	M+ A	+1.39	+2.90	+0.00	+0.00	+53.20	+0.00
447	328	0	M- A	-3.30	-6.04	-6.45	-15.76	-52.18	-2.77
447	330	321	M- A	-3.30	+0.00	-12.79	-15.76	+0.00	-2.77
448	329	0	0 G	+0.00	-0.11	+165.14	+0.32	-8.58	-0.05
448	330	450	0 G	+0.00	+0.11	+165.04	+0.32	+8.63	-0.05
448		0	1 Q1	+0.00	-0.04	+144.59	+0.16	+0.01	-0.02
448		450	1 Q1	+0.00	+0.03	+144.55	+0.16	+0.01	-0.02
448		0	11 M1	+0.00	-0.02	+94.08	+0.11	+0.00	-0.01
448		450	11 M1	+0.00	+0.02	+94.06	+0.11	+0.00	-0.01
448		0	12 M2	+0.00	-0.01	-0.30	+0.03	+0.00	-0.01
448		450	12 M2	+0.00	+0.02	-0.32	+0.03	+0.00	-0.01
448		0	13 M3	+0.00	-0.01	+0.12	+0.03	+0.00	-0.01
448		450	13 M3	+0.00	+0.01	+0.11	+0.03	+0.00	-0.01
448		0	14 M4	+0.00	-0.02	+144.55	+0.05	+0.00	-0.01
448		450	14 M4	+0.00	+0.02	+144.54	+0.05	+0.00	-0.01
448		0	15 M5	+0.00	-0.03	-0.03	+0.07	+0.01	-0.01
448		450	15 M5	+0.00	+0.03	-0.06	+0.07	+0.01	-0.01
448		0	16 M6	+0.00	-0.01	+0.03	+0.01	+0.00	-0.00
448		450	16 M6	+0.00	+0.01	+0.02	+0.01	+0.00	-0.00
448		0	17 M7	+0.00	-0.00	-0.01	-0.00	+0.00	-0.00
448		450	17 M7	+0.00	+0.00	-0.02	-0.00	+0.00	-0.00
448	329	0	M+ A	+0.00	+0.00	+631.65	+0.80	+0.00	+0.00
448	330	450	M+ A	+0.00	+0.24	+631.46	+0.80	+11.49	+0.00
448	329	0	M- A	+0.00	-0.25	+0.00	+0.00	-11.42	-0.11
448	330	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.11
449	329	0	0 G	-0.35	-0.01	-2.09	-7.56	-6.31	+2.04
449	331	322	0 G	-0.35	-6.57	-2.19	-7.56	+6.37	+2.04
449		0	1 Q1	-0.03	-0.67	-0.77	+2.00	-12.76	-0.19
449		322	1 Q1	-0.03	-0.06	-1.15	+2.00	+13.00	-0.19
449		0	11 M1	-1.54	-0.41	-0.28	+0.89	+2.27	-0.03
449		322	11 M1	-1.54	-0.33	-7.59	+0.89	+2.27	-0.03
449		0	12 M2	-0.09	+0.48	-2.97	-3.97	-0.05	+0.86
449		322	12 M2	-0.09	-2.28	-2.81	-3.97	-0.05	+0.86
449		0	13 M3	-0.00	-0.09	+1.37	+1.26	+0.02	-0.24
449		322	13 M3	-0.00	+0.69	+1.29	+1.26	+0.02	-0.24
449		0	14 M4	-0.38	+0.03	-5.91	-3.80	-6.21	+0.91
449		322	14 M4	-0.38	-2.90	-1.13	-3.80	+13.79	+0.91
449		0	15 M5	-0.07	+0.35	-0.49	-1.36	-0.01	+0.32
449		322	15 M5	-0.07	-0.68	-0.46	-1.36	-0.01	+0.32
449		0	16 M6	-0.01	+0.01	+0.32	+0.19	+0.01	-0.03
449		322	16 M6	-0.01	+0.12	+0.30	+0.19	+0.01	-0.03
449		0	17 M7	-0.01	+0.03	-0.19	-0.21	-0.00	+0.04
449		322	17 M7	-0.01	-0.11	-0.18	-0.21	-0.00	+0.04
449	329	0	M+ A	+0.00	+0.71	+0.00	+0.00	+0.00	+4.12
449	331	322	M+ A	+0.00	+0.00	+0.00	+0.00	+42.94	+4.12
449	329	0	M- A	-2.81	-1.45	-12.50	-16.16	-34.17	+0.00
449	331	322	M- A	-2.81	-13.29	-15.55	-16.16	+0.00	+0.00
450	101	0	0 G	+0.00	+0.00	-0.00	+0.56	+33.11	-0.87
450	332	555	0 G	+0.00	+4.85	+165.25	+0.56	+21.62	-0.87
450		0	1 Q1	+0.00	+0.00	-0.00	+0.53	+26.33	+0.17

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
450		555	1 Q1	+0.00	-0.94	+146.11	+0.53	+26.33	+0.17
450		0	11 M1	+0.00	+0.00	-0.00	+0.40	+7.03	+0.07
450		555	11 M1	+0.00	-0.41	+39.01	+0.40	+7.03	+0.07
450		0	12 M2	+0.00	+0.00	-0.00	-0.03	-0.20	-0.42
450		555	12 M2	+0.00	+2.33	-1.09	-0.03	-0.20	-0.42
450		0	13 M3	+0.00	+0.00	-0.00	+0.12	+0.08	+0.11
450		555	13 M3	+0.00	-0.64	+0.46	+0.12	+0.08	+0.11
450		0	14 M4	+0.00	+0.00	-0.00	-0.12	+24.59	-0.41
450		555	14 M4	+0.00	+2.25	+136.46	-0.12	+24.59	-0.41
450		0	15 M5	+0.00	+0.00	-0.00	+0.18	-0.03	-0.17
450		555	15 M5	+0.00	+0.94	-0.15	+0.18	-0.03	-0.17
450		0	16 M6	+0.00	+0.00	-0.00	+0.04	+0.02	+0.01
450		555	16 M6	+0.00	-0.06	+0.11	+0.04	+0.02	+0.01
450		0	17 M7	+0.00	+0.00	-0.00	-0.01	-0.01	-0.02
450		555	17 M7	+0.00	+0.12	-0.06	-0.01	-0.01	-0.02
450	101	0	M+ A	+0.00	+0.00	-0.00	+2.06	+116.45	+0.00
450	332	555	M+ A	+0.00	+9.95	+621.73	+2.06	+101.17	+0.00
450	101	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.79
450	332	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.79
451	330	0	0 G	-0.35	-3.91	-2.25	-8.61	-6.31	-1.33
451	332	322	0 G	-0.35	+0.36	-2.33	-8.61	+6.37	-1.33
451		0	1 Q1	-0.11	+0.59	-0.81	+1.69	-12.76	+0.20
451		322	1 Q1	-0.11	-0.05	-1.20	+1.69	+13.00	+0.20
451		0	11 M1	+1.46	+0.21	-0.31	+0.73	+2.27	+0.06
451		322	11 M1	+1.46	+0.01	-7.61	+0.73	+2.27	+0.06
451		0	12 M2	-0.05	-1.67	-2.99	-4.12	-0.05	-0.64
451		322	12 M2	-0.05	+0.39	-2.83	-4.12	-0.05	-0.64
451		0	13 M3	-0.02	+0.62	+1.35	+1.15	+0.02	+0.14
451		322	13 M3	-0.02	+0.16	+1.27	+1.15	+0.02	+0.14
451		0	14 M4	+0.21	-2.01	-5.93	-3.96	-6.21	-0.54
451		322	14 M4	+0.21	-0.26	-1.14	-3.96	+13.79	-0.54
451		0	15 M5	-0.06	-0.36	-0.53	-1.65	-0.01	-0.32
451		322	15 M5	-0.06	+0.66	-0.50	-1.65	-0.01	-0.32
451		0	16 M6	-0.02	+0.11	+0.30	+0.12	+0.01	+0.00
451		322	16 M6	-0.02	+0.11	+0.28	+0.12	+0.01	+0.00
451		0	17 M7	-0.01	-0.09	-0.19	-0.22	-0.00	-0.03
451		322	17 M7	-0.01	+0.01	-0.18	-0.22	-0.00	-0.03
451	330	0	M+ A	+1.84	+0.00	+0.00	+0.00	+0.00	+0.00
451	332	322	M+ A	+1.84	+1.48	+0.00	+0.00	+42.93	+0.00
451	330	0	M- A	-0.69	-8.28	-12.79	-17.80	-34.18	-2.75
451	332	322	M- A	-0.69	-0.08	-15.82	-17.80	+0.00	-2.75
452	331	0	0 G	+0.00	-0.09	+165.13	+0.54	-8.58	-0.04
452	332	450	0 G	+0.00	+0.09	+165.02	+0.54	+8.63	-0.04
452		0	1 Q1	+0.00	-0.04	+145.94	+0.34	+0.01	-0.02
452		450	1 Q1	+0.00	+0.03	+145.90	+0.34	+0.01	-0.02
452		0	11 M1	+0.00	-0.02	+42.58	+0.26	+0.00	-0.01
452		450	11 M1	+0.00	+0.02	+42.56	+0.26	+0.00	-0.01
452		0	12 M2	+0.00	-0.01	-1.03	+0.03	+0.00	-0.00
452		450	12 M2	+0.00	+0.01	-1.05	+0.03	+0.00	-0.00
452		0	13 M3	-0.00	-0.02	+0.43	+0.04	+0.00	-0.01
452		450	13 M3	-0.00	+0.02	+0.42	+0.04	+0.00	-0.01
452		0	14 M4	+0.00	-0.00	+134.45	+0.05	+0.00	-0.00
452		450	14 M4	+0.00	+0.00	+134.44	+0.05	+0.00	-0.00
452		0	15 M5	+0.00	-0.03	-0.15	+0.09	+0.01	-0.02
452		450	15 M5	+0.00	+0.03	-0.18	+0.09	+0.01	-0.02
452		0	16 M6	+0.00	-0.01	+0.10	+0.01	+0.00	-0.00
452		450	16 M6	+0.00	+0.01	+0.09	+0.01	+0.00	-0.00
452		0	17 M7	+0.00	-0.00	-0.06	-0.00	+0.00	-0.00
452		450	17 M7	+0.00	+0.00	-0.06	-0.00	+0.00	-0.00
452	331	0	M+ A	+0.00	+0.00	+618.32	+1.58	+0.00	+0.00
452	332	450	M+ A	+0.00	+0.22	+618.10	+1.58	+11.50	+0.00
452	331	0	M- A	+0.00	-0.21	+0.00	+0.00	-11.41	-0.10
452	332	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.10
453	331	0	0 G	-0.26	-1.88	-2.19	-8.35	-6.63	+1.25
453	333	321	0 G	-0.26	-5.90	-1.20	-8.35	+6.01	+1.25
453		0	1 Q1	-0.13	-1.04	-1.15	+2.20	-13.32	-0.32
453		321	1 Q1	-0.13	-0.02	+0.39	+2.20	+12.36	-0.32
453		0	11 M1	+2.05	-0.75	-7.59	+0.97	-4.76	-0.17
453		321	11 M1	+2.05	-0.19	+7.69	+0.97	-4.76	-0.17
453		0	12 M2	-0.02	+0.02	-2.81	-4.38	+0.15	+0.64
453		321	12 M2	-0.02	-2.04	-3.29	-4.38	+0.15	+0.64
453		0	13 M3	-0.00	+0.05	+1.29	+1.39	-0.06	-0.15
453		321	13 M3	-0.00	+0.52	+1.48	+1.39	-0.06	-0.15
453		0	14 M4	-2.37	-0.69	-1.13	-4.20	-10.79	+0.59
453		321	14 M4	-2.37	-2.57	-9.68	-4.20	+9.21	+0.59
453		0	15 M5	-0.01	+0.23	-0.46	-1.50	+0.02	+0.30
453		321	15 M5	-0.01	-0.74	-0.54	-1.50	+0.02	+0.30
453		0	16 M6	-0.00	+0.05	+0.30	+0.21	-0.01	-0.00
453		321	16 M6	-0.00	+0.06	+0.34	+0.21	-0.01	-0.00
453		0	17 M7	-0.00	+0.01	-0.18	-0.23	+0.01	+0.03
453		321	17 M7	-0.00	-0.10	-0.21	-0.23	+0.01	+0.03
453	331	0	M+ A	+2.83	+0.00	+0.00	+0.00	+0.00	+2.66
453	333	321	M+ A	+2.83	+0.00	+10.74	+0.00	+36.32	+2.66
453	331	0	M- A	-4.03	-4.88	-15.56	-17.85	-40.26	+0.00
453	333	321	M- A	-4.03	-11.84	-16.15	-17.85	-1.13	+0.00
454	102	0	0 G	+0.00	+0.00	-0.00	+0.15	+32.67	-0.81
454	334	555	0 G	+0.00	+4.51	+162.81	+0.15	+21.18	-0.81
454		0	1 Q1	+0.00	+0.00	-0.00	+0.20	+25.57	+0.14
454		555	1 Q1	+0.00	-0.77	+141.93	+0.20	+25.57	+0.14
454		0	11 M1	+0.00	+0.00	-0.00	+0.16	+20.68	+0.06
454		555	11 M1	+0.00	-0.32	+114.78	+0.16	+20.68	+0.06
454		0	12 M2	+0.00	+0.00	-0.00	-0.03	+0.04	-0.38
454		555	12 M2	+0.00	+2.11	+0.22	-0.03	+0.04	-0.38
454		0	13 M3	+0.00	+0.00	-0.00	+0.03	-0.02	+0.10
454		555	13 M3	+0.00	-0.54	-0.09	+0.03	-0.02	+0.10
454		0	14 M4	+0.00	+0.00	-0.00	-0.07	+9.56	-0.37
454		555	14 M4	+0.00	+2.05	+53.06	-0.07	+9.56	-0.37
454		0	15 M5	+0.00	+0.00	-0.00	+0.04	+0.01	-0.16
454		555	15 M5	+0.00	+0.89	+0.08	+0.04	+0.01	-0.16
454		0	16 M6	+0.00	+0.00	-0.00	+0.01	-0.00	+0.01
454		555	16 M6	+0.00	-0.04	-0.01	+0.01	-0.00	+0.01
454		0	17 M7	+0.00	+0.00	-0.00	-0.00	+0.00	-0.02
454		555	17 M7	+0.00	+0.11	+0.02	-0.00	+0.00	-0.02
454	102	0	M+ A	+0.00	+0.00	-0.00	+0.71	+108.99	+0.00
454	334	555	M+ A	+0.00	+9.16	+580.31	+0.71	+93.71	+0.00
454	102	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.65
454	334	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.65

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
455	332	0	0 G	-0.12	-4.40	-2.33	-9.52	-6.62	-1.31
455	334	321	0 G	-0.12	-0.19	-1.37	-9.52	+6.02	-1.31
455		0	1 Q1	+0.10	+0.93	-1.20	+1.85	-13.32	+0.39
455		321	1 Q1	+0.10	-0.31	+0.34	+1.85	+12.36	+0.39
455		0	11 M1	-2.09	+0.43	-7.61	+0.80	-4.76	+0.20
455		321	11 M1	-2.09	-0.20	+7.66	+0.80	-4.76	+0.20
455		0	12 M2	-0.09	-1.93	-2.83	-4.54	+0.15	-0.70
455		321	12 M2	-0.09	+0.32	-3.31	-4.54	+0.15	-0.70
455		0	13 M3	+0.03	+0.81	+1.27	+1.25	-0.06	+0.22
455		321	13 M3	+0.03	+0.12	+1.46	+1.25	-0.06	+0.22
455		0	14 M4	+2.24	-2.51	-1.14	-4.36	-10.79	-0.71
455		321	14 M4	+2.24	-0.24	-9.70	-4.36	+9.21	-0.71
455		0	15 M5	-0.02	-0.25	-0.50	-1.83	+0.02	-0.23
455		321	15 M5	-0.02	+0.49	-0.58	-1.83	+0.02	-0.23
455		0	16 M6	+0.00	+0.18	+0.28	+0.13	-0.01	+0.03
455		321	16 M6	+0.00	+0.08	+0.33	+0.13	-0.01	+0.03
455		0	17 M7	-0.01	-0.11	-0.18	-0.24	+0.01	-0.04
455		321	17 M7	-0.01	+0.00	-0.21	-0.24	+0.01	-0.04
455	332	0	M+ A	+3.35	+0.00	+0.00	+0.00	+0.00	+0.00
455	334	321	M+ A	+3.35	+0.54	+10.49	+0.00	+36.33	+0.00
455	332	0	M- A	-3.29	-9.70	-15.82	-19.67	-40.25	-2.83
455	334	321	M- A	-3.29	-0.99	-16.39	-19.67	-1.12	-2.83
456	333	0	0 G	+0.00	-0.05	+162.76	+0.08	-8.58	-0.03
456	334	450	0 G	+0.00	+0.06	+162.66	+0.08	+8.63	-0.03
456		0	1 Q1	-0.00	-0.03	+141.94	+0.21	+0.01	-0.02
456		450	1 Q1	-0.00	+0.04	+141.91	+0.21	+0.01	-0.02
456		0	11 M1	+0.00	-0.01	+113.51	+0.18	+0.00	-0.01
456		450	11 M1	+0.00	+0.02	+113.50	+0.18	+0.00	-0.01
456		0	12 M2	+0.00	+0.00	+0.20	-0.08	+0.00	+0.00
456		450	12 M2	+0.00	-0.00	+0.19	-0.08	+0.00	+0.00
456		0	13 M3	-0.00	-0.02	-0.10	+0.00	+0.00	-0.01
456		450	13 M3	-0.00	+0.02	-0.11	+0.00	+0.00	-0.01
456		0	14 M4	+0.00	+0.02	+55.57	-0.07	+0.00	+0.01
456		450	14 M4	+0.00	-0.01	+55.56	-0.07	+0.00	+0.01
456		0	15 M5	-0.00	-0.03	+0.05	-0.04	+0.01	-0.02
456		450	15 M5	-0.00	+0.04	+0.02	-0.04	+0.01	-0.02
456		0	16 M6	-0.00	-0.01	-0.02	-0.01	+0.00	-0.00
456		450	16 M6	-0.00	+0.01	-0.03	-0.01	+0.00	-0.00
456		0	17 M7	+0.00	-0.00	+0.02	-0.00	+0.00	-0.00
456		450	17 M7	+0.00	+0.00	+0.01	-0.00	+0.00	-0.00
456	333	0	M+ A	+0.00	+0.00	+578.35	+0.66	+0.00	+0.00
456	334	450	M+ A	+0.00	+0.19	+578.15	+0.66	+11.49	+0.00
456	333	0	M- A	+0.00	-0.17	+0.00	-0.04	-11.42	-0.08
456	334	450	M- A	+0.00	+0.00	+0.00	-0.04	+0.00	-0.08
457	333	0	0 G	-0.04	-1.57	-1.20	-9.09	-6.53	+0.87
457	335	321	0 G	-0.04	-4.37	-0.51	-9.09	+6.10	+0.87
457		0	1 Q1	-0.03	-0.81	+0.39	+2.37	-13.21	-0.29
457		321	1 Q1	-0.03	+0.10	+1.57	+2.37	+12.47	-0.29
457		0	11 M1	+0.83	-0.53	+7.69	+1.05	-5.44	-0.16
457		321	11 M1	+0.83	-0.01	-3.07	+1.05	+14.56	-0.16
457		0	12 M2	+0.00	+0.03	-3.29	-4.76	+0.11	+0.49
457		321	12 M2	+0.00	-1.53	-3.65	-4.76	+0.11	+0.49
457		0	13 M3	+0.02	-0.01	+1.48	+1.50	-0.04	-0.11
457		321	13 M3	+0.02	+0.33	+1.60	+1.50	-0.04	-0.11
457		0	14 M4	+0.17	-0.58	-9.68	-4.57	-0.35	+0.39
457		321	14 M4	+0.17	-1.84	-8.56	-4.57	-0.35	+0.39
457		0	15 M5	+0.04	+0.14	-0.54	-1.63	+0.02	+0.25
457		321	15 M5	+0.04	-0.67	-0.59	-1.63	+0.02	+0.25
457		0	16 M6	+0.01	+0.01	+0.34	+0.23	-0.01	+0.00
457		321	16 M6	+0.01	+0.00	+0.37	+0.23	-0.01	+0.00
457		0	17 M7	+0.00	+0.01	-0.21	-0.24	+0.01	+0.03
457		321	17 M7	+0.00	-0.08	-0.22	-0.24	+0.01	+0.03
457	333	0	M+ A	+1.19	+0.00	+10.74	+0.00	+0.00	+1.91
457	335	321	M+ A	+1.19	+0.00	+3.53	+0.00	+43.19	+1.91
457	333	0	M- A	-0.11	-3.94	-16.15	-19.41	-34.34	+0.00
457	335	321	M- A	-0.11	-8.66	-13.53	-19.41	+0.00	+0.00
458	103	0	0 G	+0.00	+0.00	-0.00	-0.29	+32.42	-0.74
458	336	555	0 G	+0.00	+4.12	+161.46	-0.29	+20.93	-0.74
458		0	1 Q1	+0.00	+0.00	-0.00	-0.07	+25.08	+0.10
458		555	1 Q1	+0.00	-0.58	+139.19	-0.07	+25.08	+0.10
458		0	11 M1	+0.00	+0.00	-0.00	-0.03	+25.73	+0.04
458		555	11 M1	+0.00	-0.23	+142.80	-0.03	+25.73	+0.04
458		0	12 M2	+0.00	+0.00	-0.00	-0.07	+0.23	-0.34
458		555	12 M2	+0.00	+1.87	+1.28	-0.07	+0.23	-0.34
458		0	13 M3	+0.00	+0.00	-0.00	-0.05	-0.10	+0.08
458		555	13 M3	+0.00	-0.42	-0.55	-0.05	-0.10	+0.08
458		0	14 M4	+0.00	+0.00	-0.00	-0.09	+10.98	-0.33
458		555	14 M4	+0.00	+1.83	+60.95	-0.09	+10.98	-0.33
458		0	15 M5	+0.00	+0.00	-0.00	-0.10	+0.05	-0.15
458		555	15 M5	+0.00	+0.85	+0.26	-0.10	+0.05	-0.15
458		0	16 M6	+0.00	+0.00	-0.00	-0.02	-0.02	+0.00
458		555	16 M6	+0.00	-0.02	-0.11	-0.02	-0.02	+0.00
458		0	17 M7	+0.00	+0.00	-0.00	+0.00	+0.02	-0.02
458		555	17 M7	+0.00	+0.09	+0.08	+0.00	+0.02	-0.02
458	103	0	M+ A	+0.00	+0.00	-0.00	+0.00	+115.57	+0.00
458	336	555	M+ A	+0.00	+8.27	+616.84	+0.00	+100.29	+0.00
458	103	0	M- A	+0.00	+0.00	-0.00	-0.64	+0.00	-1.49
458	336	555	M- A	+0.00	+0.00	-0.00	-0.64	+0.00	-1.49
459	334	0	0 G	+0.03	-4.64	-1.37	-10.36	-6.53	-1.24
459	336	321	0 G	+0.03	-0.67	-0.69	-10.36	+6.11	-1.24
459		0	1 Q1	+0.12	+0.49	+0.34	+1.97	-13.20	+0.38
459		321	1 Q1	+0.12	-0.71	+1.51	+1.97	+12.48	+0.38
459		0	11 M1	-0.80	+0.14	+7.66	+0.85	-5.43	+0.18
459		321	11 M1	-0.80	-0.43	-3.09	+0.85	+14.57	+0.18
459		0	12 M2	-0.06	-1.80	-3.31	-4.92	+0.11	-0.66
459		321	12 M2	-0.06	+0.31	-3.67	-4.92	+0.11	-0.66
459		0	13 M3	+0.05	+0.68	+1.46	+1.34	-0.04	+0.24
459		321	13 M3	+0.05	-0.10	+1.58	+1.34	-0.04	+0.24
459		0	14 M4	-0.26	-2.31	-9.70	-4.73	-0.35	-0.70
459		321	14 M4	-0.26	-0.06	-8.58	-4.73	-0.35	-0.70
459		0	15 M5	+0.03	-0.37	-0.58	-2.01	+0.02	-0.16
459		321	15 M5	+0.03	+0.13	-0.64	-2.01	+0.02	-0.16
459		0	16 M6	+0.02	+0.13	+0.33	+0.13	-0.01	+0.05
459		321	16 M6	+0.02	-0.02	+0.35	+0.13	-0.01	+0.05
459		0	17 M7	-0.00	-0.10	-0.21	-0.26	+0.01	-0.03
459		321	17 M7	-0.00	+0.01	-0.23	-0.26	+0.01	-0.03
459	334	0	M+ A	+0.28	+0.00	+10.49	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
459	336	321	M+ A	+0.28	+0.00	+3.26	+0.00	+43.19	+0.00
459	334	0	M- A	-1.17	-9.72	-16.39	-21.37	-34.33	-2.72
459	336	321	M- A	-1.17	-2.42	-13.80	-21.37	+0.00	-2.72
460	335	0	0 G	-0.00	-0.03	+161.40	-0.80	-8.59	-0.01
460	336	450	0 G	-0.00	+0.04	+161.32	-0.80	+8.63	-0.01
460		0	1 Q1	-0.00	-0.03	+139.29	-0.12	+0.01	-0.02
460		450	1 Q1	-0.00	+0.04	+139.27	-0.12	+0.01	-0.02
460		0	11 M1	-0.00	-0.01	+141.43	-0.04	+0.00	-0.01
460		450	11 M1	-0.00	+0.01	+141.41	-0.04	+0.00	-0.01
460		0	12 M2	+0.00	+0.01	+1.20	-0.25	+0.00	+0.00
460		450	12 M2	+0.00	-0.01	+1.19	-0.25	+0.00	+0.00
460		0	13 M3	-0.00	-0.02	-0.53	-0.10	+0.00	-0.01
460		450	13 M3	-0.00	+0.03	-0.54	-0.10	+0.00	-0.01
460		0	14 M4	+0.00	+0.03	+62.88	-0.27	+0.00	+0.01
460		450	14 M4	+0.00	-0.03	+62.87	-0.27	+0.00	+0.01
460		0	15 M5	-0.00	-0.03	+0.22	-0.28	+0.01	-0.02
460		450	15 M5	-0.00	+0.04	+0.19	-0.28	+0.01	-0.02
460		0	16 M6	-0.00	-0.01	-0.12	-0.06	+0.00	-0.00
460		450	16 M6	-0.00	+0.01	-0.13	-0.06	+0.00	-0.00
460		0	17 M7	-0.00	+0.00	+0.08	+0.00	+0.00	-0.00
460		450	17 M7	-0.00	+0.00	+0.08	+0.00	+0.00	-0.00
460	335	0	M+ A	+0.00	+0.02	+614.85	+0.00	+0.00	+0.00
460	336	450	M+ A	+0.00	+0.15	+614.68	+0.00	+11.49	+0.00
460	335	0	M- A	-0.00	-0.13	+0.00	-1.65	-11.42	-0.06
460	336	450	M- A	-0.00	+0.00	+0.00	-1.65	+0.00	-0.06
461	335	0	0 G	+0.20	-0.43	-0.51	-9.78	-6.19	+0.32
461	337	322	0 G	+0.20	-1.46	-1.00	-9.78	+6.49	+0.32
461		0	1 Q1	+0.16	-0.48	+1.57	+2.49	-12.59	-0.34
461		322	1 Q1	+0.16	+0.60	+0.65	+2.49	+13.17	-0.34
461		0	11 M1	-0.50	-0.25	-3.07	+1.10	-11.16	-0.17
461		322	11 M1	-0.50	+0.31	+5.07	+1.10	+8.84	-0.17
461		0	12 M2	-0.03	+0.28	-3.65	-5.09	-0.11	+0.30
461		322	12 M2	-0.03	-0.69	-3.29	-5.09	-0.11	+0.30
461		0	13 M3	+0.07	-0.07	+1.60	+1.59	+0.07	-0.15
461		322	13 M3	+0.07	+0.42	+1.39	+1.59	+0.07	-0.15
461		0	14 M4	+2.13	-0.09	-8.56	-4.90	-11.33	+0.19
461		322	14 M4	+2.13	-0.69	+0.12	-4.90	+8.67	+0.19
461		0	15 M5	+0.09	+0.17	-0.59	-1.76	-0.02	+0.08
461		322	15 M5	+0.09	-0.07	-0.52	-1.76	-0.02	+0.08
461		0	16 M6	+0.04	-0.01	+0.37	+0.24	+0.02	-0.03
461		322	16 M6	+0.04	+0.09	+0.32	+0.24	+0.02	-0.03
461		0	17 M7	+0.00	+0.00	-0.22	-0.26	-0.01	+0.03
461		322	17 M7	+0.00	-0.08	-0.19	-0.26	-0.01	+0.03
461	335	0	M+ A	+3.64	+0.00	+3.53	+0.00	+0.00	+0.88
461	337	322	M+ A	+3.64	+0.00	+7.28	+0.00	+37.79	+0.88
461	335	0	M- A	-0.55	-1.57	-13.53	-20.85	-39.14	-0.37
461	337	322	M- A	-0.55	-3.01	-6.28	-20.85	+0.00	-0.37
462	104	0	0 G	+0.00	+0.00	-0.00	-0.57	+32.48	-0.67
462	338	555	0 G	+0.00	+3.73	+161.77	-0.57	+20.99	-0.67
462		0	1 Q1	+0.00	+0.00	-0.00	-0.21	+25.48	+0.07
462		555	1 Q1	+0.00	-0.37	+141.42	-0.21	+25.48	+0.07
462		0	11 M1	+0.00	+0.00	-0.00	-0.11	+22.44	+0.02
462		555	11 M1	+0.00	-0.14	+124.54	-0.11	+22.44	+0.02
462		0	12 M2	+0.00	+0.00	-0.00	-0.12	+0.02	-0.29
462		555	12 M2	+0.00	+1.62	+0.13	-0.12	+0.02	-0.29
462		0	13 M3	+0.00	+0.00	-0.00	-0.10	-0.01	+0.05
462		555	13 M3	+0.00	-0.30	-0.04	-0.10	-0.01	+0.05
462		0	14 M4	+0.00	+0.00	-0.00	-0.14	+25.05	-0.29
462		555	14 M4	+0.00	+1.60	+139.01	-0.14	+25.05	-0.29
462		0	15 M5	+0.00	+0.00	-0.00	-0.20	+0.01	-0.14
462		555	15 M5	+0.00	+0.80	+0.06	-0.20	+0.01	-0.14
462		0	16 M6	+0.00	+0.00	-0.00	-0.05	-0.00	-0.00
462		555	16 M6	+0.00	+0.01	-0.00	-0.05	-0.00	-0.00
462		0	17 M7	+0.00	+0.00	-0.00	+0.00	+0.00	-0.01
462		555	17 M7	+0.00	+0.07	+0.01	+0.00	+0.00	-0.01
462	104	0	M+ A	+0.00	+0.00	-0.00	+0.00	+115.17	+0.00
462	338	555	M+ A	+0.00	+7.39	+614.59	+0.00	+99.89	+0.00
462	104	0	M- A	+0.00	+0.00	-0.00	-1.34	+0.00	-1.33
462	338	555	M- A	+0.00	+0.00	-0.00	-1.34	+0.00	-1.33
463	336	0	0 G	+0.18	-4.75	-0.69	-11.11	-6.20	-0.72
463	338	322	0 G	+0.18	-2.42	-1.14	-11.11	+6.48	-0.72
463		0	1 Q1	+0.04	-0.10	+1.51	+2.06	-12.60	+0.43
463		322	1 Q1	+0.04	-1.47	+0.61	+2.06	+13.16	+0.43
463		0	11 M1	+0.58	-0.18	-3.09	+0.89	-11.16	+0.19
463		322	11 M1	+0.58	-0.79	+5.05	+0.89	+8.84	+0.19
463		0	12 M2	+0.03	-1.57	-3.67	-5.26	-0.11	-0.48
463		322	12 M2	+0.03	-0.01	-3.30	-5.26	-0.11	-0.48
463		0	13 M3	+0.05	+0.34	+1.58	+1.41	+0.06	+0.29
463		322	13 M3	+0.05	-0.60	+1.37	+1.41	+0.06	+0.29
463		0	14 M4	-2.18	-1.91	-8.58	-5.04	-11.33	-0.52
463		322	14 M4	-2.18	-0.25	+0.10	-5.04	+8.67	-0.52
463		0	15 M5	+0.10	-0.68	-0.64	-2.18	-0.02	+0.02
463		322	15 M5	+0.10	-0.75	-0.56	-2.18	-0.02	+0.02
463		0	16 M6	+0.03	+0.01	+0.35	+0.13	+0.01	+0.08
463		322	16 M6	+0.03	-0.25	+0.31	+0.13	+0.01	+0.08
463		0	17 M7	+0.01	-0.08	-0.23	-0.28	-0.01	-0.03
463		322	17 M7	+0.01	+0.02	-0.20	-0.28	-0.01	-0.03
463	336	0	M+ A	+1.15	+0.00	+3.26	+0.00	+0.00	+0.22
463	338	322	M+ A	+1.15	+0.00	+7.06	+0.00	+37.77	+0.22
463	336	0	M- A	-3.10	-9.38	-13.80	-22.89	-39.16	-1.75
463	338	322	M- A	-3.10	-6.31	-6.50	-22.89	+0.00	-1.75
464	337	0	0 G	-0.00	-0.01	+161.73	-1.35	-8.59	-0.01
464	338	450	0 G	-0.00	+0.01	+161.66	-1.35	+8.62	-0.01
464		0	1 Q1	-0.00	-0.03	+141.38	-0.36	+0.01	-0.01
464		450	1 Q1	-0.00	+0.03	+141.35	-0.36	+0.01	-0.01
464		0	11 M1	-0.00	-0.01	+122.87	-0.19	+0.00	-0.01
464		450	11 M1	-0.00	+0.01	+122.86	-0.19	+0.00	-0.01
464		0	12 M2	-0.00	+0.02	+0.15	-0.34	+0.00	+0.01
464		450	12 M2	-0.00	-0.01	+0.15	-0.34	+0.00	+0.01
464		0	13 M3	-0.00	-0.03	-0.06	-0.17	+0.00	-0.01
464		450	13 M3	-0.00	+0.03	-0.08	-0.17	+0.00	-0.01
464		0	14 M4	+0.00	+0.03	+137.02	-0.39	-0.00	+0.02
464		450	14 M4	+0.00	-0.03	+137.03	-0.39	-0.00	+0.02
464		0	15 M5	-0.00	-0.03	+0.04	-0.44	+0.01	-0.01
464		450	15 M5	-0.00	+0.03	+0.02	-0.44	+0.01	-0.01
464		0	16 M6	-0.00	-0.01	-0.01	-0.09	+0.00	-0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
464		450	16 M6	-0.00	+0.01	-0.02	-0.09	+0.00	-0.00
464		0	17 M7	-0.00	+0.00	+0.01	+0.00	+0.00	+0.00
464		450	17 M7	-0.00	-0.00	+0.01	+0.00	+0.00	+0.00
464	337	0	M+ A	+0.00	+0.04	+611.50	+0.00	+0.00	+0.02
464	338	450	M+ A	+0.00	+0.11	+611.37	+0.00	+11.48	+0.02
464	337	0	M- A	-0.00	-0.11	+0.00	-2.92	-11.43	-0.05
464	338	450	M- A	-0.00	-0.04	+0.00	-2.92	+0.00	-0.05
465	337	0	0 G	+0.40	+2.10	-1.00	-10.42	-5.87	-0.43
465	339	321	0 G	+0.40	+3.49	-2.46	-10.42	+6.77	-0.43
465		0	1 Q1	+0.19	+0.23	+0.65	+2.58	-12.31	-0.49
465		321	1 Q1	+0.19	+1.80	-1.06	+2.58	+13.37	-0.49
465		0	11 M1	-2.13	+0.16	+5.07	+1.13	-13.60	-0.25
465		321	11 M1	-2.13	+0.97	-7.29	+1.13	+6.40	-0.25
465		0	12 M2	+0.02	+0.87	-3.29	-5.38	-0.13	+0.09
465		321	12 M2	+0.02	+0.59	-2.86	-5.38	-0.13	+0.09
465		0	13 M3	+0.08	+0.14	+1.39	+1.65	+0.07	-0.23
465		321	13 M3	+0.08	+0.88	+1.15	+1.65	+0.07	-0.23
465		0	14 M4	+0.18	+0.82	+0.12	-5.19	-16.37	-0.04
465		321	14 M4	+0.18	+0.97	-3.34	-5.19	+3.63	-0.04
465		0	15 M5	+0.14	+0.73	-0.52	-1.89	-0.03	-0.17
465		321	15 M5	+0.14	+1.27	-0.44	-1.89	-0.03	-0.17
465		0	16 M6	+0.05	+0.10	+0.32	+0.24	+0.02	-0.08
465		321	16 M6	+0.05	+0.36	+0.27	+0.24	+0.02	-0.08
465		0	17 M7	+0.01	-0.01	-0.19	-0.27	-0.01	+0.03
465		321	17 M7	+0.01	-0.09	-0.16	-0.27	-0.01	+0.03
465	337	0	M+ A	+1.02	+4.39	+7.28	+0.00	+0.00	+0.00
465	339	321	M+ A	+1.02	+8.75	+0.00	+0.00	+35.93	+0.00
465	337	0	M- A	-2.80	+0.00	-6.28	-22.14	-45.40	-1.58
465	339	321	M- A	-2.80	+0.00	-15.36	-22.14	+0.00	-1.58
466	105	0	0 G	+0.00	+0.00	-0.00	-0.07	+32.81	-0.61
466	340	555	0 G	+0.00	+3.36	+163.59	-0.07	+21.32	-0.61
466		0	1 Q1	+0.00	+0.00	-0.00	-0.06	+25.72	+0.03
466		555	1 Q1	+0.00	-0.17	+142.75	-0.06	+25.72	+0.03
466		0	11 M1	+0.00	+0.00	-0.00	-0.03	+7.99	+0.01
466		555	11 M1	+0.00	-0.04	+44.35	-0.03	+7.99	+0.01
466		0	12 M2	+0.00	+0.00	-0.00	-0.00	+0.02	-0.25
466		555	12 M2	+0.00	+1.37	+0.11	-0.00	+0.02	-0.25
466		0	13 M3	+0.00	+0.00	-0.00	-0.03	-0.00	+0.03
466		555	13 M3	+0.00	-0.18	-0.02	-0.03	-0.00	+0.03
466		0	14 M4	+0.00	+0.00	-0.00	-0.00	+26.14	-0.25
466		555	14 M4	+0.00	+1.38	+145.09	-0.00	+26.14	-0.25
466		0	15 M5	+0.00	+0.00	-0.00	-0.04	+0.01	-0.14
466		555	15 M5	+0.00	+0.76	+0.03	-0.04	+0.01	-0.14
466		0	16 M6	+0.00	+0.00	-0.00	-0.01	+0.00	-0.01
466		555	16 M6	+0.00	+0.04	+0.00	-0.01	+0.00	-0.01
466		0	17 M7	+0.00	+0.00	-0.00	+0.00	+0.00	-0.01
466		555	17 M7	+0.00	+0.05	+0.01	+0.00	+0.00	-0.01
466	105	0	M+ A	+0.00	+0.00	-0.00	+0.00	+117.57	+0.00
466	340	555	M+ A	+0.00	+6.54	+627.92	+0.00	+102.29	+0.00
466	105	0	M- A	+0.00	+0.00	-0.00	-0.24	+0.00	-1.18
466	340	555	M- A	+0.00	+0.00	-0.00	-0.24	+0.00	-1.18
467	338	0	0 G	+0.28	-6.14	-1.14	-11.79	-5.89	+0.05
467	340	321	0 G	+0.28	-6.31	-2.53	-11.79	+6.75	+0.05
467		0	1 Q1	+0.11	-1.07	+0.61	+2.11	-12.31	+0.57
467		321	1 Q1	+0.11	-2.91	-1.09	+2.11	+13.37	+0.57
467		0	11 M1	+2.26	-0.64	+5.05	+0.91	-13.60	+0.26
467		321	11 M1	+2.26	-1.48	-7.31	+0.91	+6.40	+0.26
467		0	12 M2	+0.02	-1.64	-3.30	-5.54	-0.14	-0.26
467		321	12 M2	+0.02	-0.81	-2.86	-5.54	-0.14	-0.26
467		0	13 M3	+0.08	-0.27	+1.37	+1.45	+0.07	+0.36
467		321	13 M3	+0.08	-1.44	+1.13	+1.45	+0.07	+0.36
467		0	14 M4	-0.19	-1.88	+0.10	-5.32	-16.38	-0.27
467		321	14 M4	-0.19	-1.02	-3.33	-5.32	+3.62	-0.27
467		0	15 M5	+0.14	-1.51	-0.56	-2.34	-0.03	+0.26
467		321	15 M5	+0.14	-2.35	-0.47	-2.34	-0.03	+0.26
467		0	16 M6	+0.05	-0.25	+0.31	+0.12	+0.02	+0.13
467		321	16 M6	+0.05	-0.66	+0.26	+0.12	+0.02	+0.13
467		0	17 M7	+0.01	-0.05	-0.20	-0.29	-0.01	-0.03
467		321	17 M7	+0.01	+0.06	-0.16	-0.29	-0.01	-0.03
467	338	0	M+ A	+3.89	+0.00	+7.06	+0.00	+0.00	+1.31
467	340	321	M+ A	+3.89	+0.00	+0.00	+0.00	+35.89	+1.31
467	338	0	M- A	-0.01	-12.23	-6.50	-24.23	-45.44	-0.35
467	340	321	M- A	-0.01	-15.35	-15.51	-24.23	+0.00	-0.35
468	339	0	0 G	-0.00	-0.02	+163.84	+0.22	-8.56	+0.00
468	340	450	0 G	-0.00	-0.02	+163.62	+0.22	+8.65	+0.00
468		0	1 Q1	-0.00	-0.03	+142.80	+0.13	+0.01	-0.01
468		450	1 Q1	-0.00	+0.02	+142.77	+0.13	+0.01	-0.01
468		0	11 M1	-0.00	-0.01	+47.58	+0.07	+0.00	-0.00
468		450	11 M1	-0.00	+0.01	+47.56	+0.07	+0.00	-0.00
468		0	12 M2	-0.00	+0.01	+0.17	+0.02	+0.01	+0.01
468		450	12 M2	-0.00	-0.02	+0.12	+0.02	+0.01	+0.01
468		0	13 M3	-0.00	-0.03	-0.06	+0.06	-0.00	-0.01
468		450	13 M3	-0.00	+0.02	-0.05	+0.06	-0.00	-0.01
468		0	14 M4	+0.00	+0.03	+143.48	+0.04	+0.02	+0.02
468		450	14 M4	+0.00	-0.04	+143.40	+0.04	+0.02	+0.02
468		0	15 M5	-0.00	-0.03	+0.03	+0.07	+0.01	-0.01
468		450	15 M5	-0.00	+0.02	+0.00	+0.07	+0.01	-0.01
468		0	16 M6	-0.00	-0.01	-0.01	+0.03	+0.00	-0.00
468		450	16 M6	-0.00	+0.01	-0.01	+0.03	+0.00	-0.00
468		0	17 M7	-0.00	+0.00	+0.01	-0.00	+0.00	+0.00
468		450	17 M7	-0.00	-0.00	+0.01	-0.00	+0.00	+0.00
468	339	0	M+ A	+0.00	+0.03	+625.91	+0.58	+0.00	+0.03
468	340	450	M+ A	+0.00	+0.05	+625.46	+0.58	+11.55	+0.03
468	339	0	M- A	-0.00	-0.12	+0.00	+0.00	-11.38	-0.04
468	340	450	M- A	-0.00	-0.09	+0.00	+0.00	+0.00	-0.04
469	339	0	0 G	+0.69	+6.72	-2.45	-11.00	-5.98	-0.14
469	341	322	0 G	+0.69	+7.16	-3.61	-11.00	+6.70	-0.14
469		0	1 Q1	+0.29	+1.64	-1.06	+2.63	-12.35	-0.31
469		322	1 Q1	+0.29	+2.63	-2.77	+2.63	+13.41	-0.31
469		0	11 M1	+1.11	+0.93	-7.29	+1.14	-1.59	-0.16
469		322	11 M1	+1.11	+1.43	-2.18	+1.14	-1.59	-0.16
469		0	12 M2	+0.07	+1.91	-2.86	-5.63	-0.16	+0.11
469		322	12 M2	+0.07	+1.56	-2.33	-5.63	-0.16	+0.11
469		0	13 M3	+0.08	+0.73	+1.15	+1.70	+0.09	-0.14
469		322	13 M3	+0.08	+1.18	+0.87	+1.70	+0.09	-0.14
469		0	14 M4	-1.48	+2.27	-3.34	-5.45	-22.54	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
469		322	14 M4	-1.48	+2.25	-5.96	-5.45	+17.46	+0.00
469		0	15 M5	+0.18	+2.05	-0.44	-2.01	-0.03	-0.05
469		322	15 M5	+0.18	+2.23	-0.35	-2.01	-0.03	-0.05
469		0	16 M6	+0.06	+0.40	+0.27	+0.24	+0.02	-0.04
469		322	16 M6	+0.06	+0.54	+0.20	+0.24	+0.02	-0.04
469		0	17 M7	+0.01	-0.04	-0.16	-0.28	-0.01	+0.02
469		322	17 M7	+0.01	-0.10	-0.12	-0.28	-0.01	+0.02
469	339	0	M+ A	+2.91	+14.20	+0.00	+0.00	+0.00	+0.03
469	341	322	M+ A	+2.91	+15.97	+0.00	+0.00	+49.32	+0.03
469	339	0	M- A	-1.53	+0.00	-15.36	-23.30	-54.84	-0.81
469	341	322	M- A	-1.53	+0.00	-16.73	-23.30	+0.00	-0.81
470	106	0	0 G	+0.00	+0.00	-0.00	+2.85	+34.35	-0.54
470	342	555	0 G	+0.00	+3.00	+172.14	+2.85	+22.86	-0.54
470		0	1 Q1	+0.00	+0.00	-0.00	+0.90	+26.38	-0.01
470		555	1 Q1	+0.00	+0.04	+146.43	+0.90	+26.38	-0.01
470		0	11 M1	+0.00	+0.00	-0.00	+0.49	+15.03	-0.01
470		555	11 M1	+0.00	+0.06	+83.41	+0.49	+15.03	-0.01
470		0	12 M2	+0.00	+0.00	-0.00	+0.64	+0.27	-0.20
470		555	12 M2	+0.00	+1.13	+1.48	+0.64	+0.27	-0.20
470		0	13 M3	+0.00	+0.00	-0.00	+0.42	-0.10	+0.01
470		555	13 M3	+0.00	-0.06	-0.56	+0.42	-0.10	+0.01
470		0	14 M4	+0.00	+0.00	-0.00	+0.77	+16.66	-0.21
470		555	14 M4	+0.00	+1.16	+92.46	+0.77	+16.66	-0.21
470		0	15 M5	+0.00	+0.00	-0.00	+0.91	+0.03	-0.13
470		555	15 M5	+0.00	+0.73	+0.19	+0.91	+0.03	-0.13
470		0	16 M6	+0.00	+0.00	-0.00	+0.21	-0.02	-0.01
470		555	16 M6	+0.00	+0.07	-0.13	+0.21	-0.02	-0.01
470		0	17 M7	+0.00	+0.00	-0.00	-0.02	+0.01	-0.01
470		555	17 M7	+0.00	+0.04	+0.08	-0.02	+0.01	-0.01
470	106	0	M+ A	+0.00	+0.00	-0.00	+6.38	+106.29	+0.00
470	342	555	M+ A	+0.00	+5.79	+565.32	+6.38	+91.01	+0.00
470	106	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.04
470	342	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.04
471	340	0	0 G	+0.25	-9.68	-2.53	-12.40	-5.91	-0.24
471	342	322	0 G	+0.25	-8.90	-3.90	-12.40	+6.77	-0.24
471		0	1 Q1	+0.09	-2.72	-1.09	+2.13	-12.35	+0.39
471		322	1 Q1	+0.09	-3.98	-2.81	+2.13	+13.41	+0.39
471		0	11 M1	-0.95	-1.44	-7.31	+0.91	-1.58	+0.17
471		322	11 M1	-0.95	-1.98	-2.20	+0.91	-1.58	+0.17
471		0	12 M2	+0.00	-2.20	-2.86	-5.78	-0.15	-0.28
471		322	12 M2	+0.00	-1.31	-2.40	-5.78	-0.15	-0.28
471		0	13 M3	+0.11	-1.23	+1.13	+1.47	+0.08	+0.27
471		322	13 M3	+0.11	-2.11	+0.88	+1.47	+0.08	+0.27
471		0	14 M4	+1.50	-2.44	-3.33	-5.55	-22.50	-0.31
471		322	14 M4	+1.50	-1.43	-6.07	-5.55	+17.50	-0.31
471		0	15 M5	+0.17	-3.09	-0.47	-2.49	-0.03	+0.14
471		322	15 M5	+0.17	-3.55	-0.38	-2.49	-0.03	+0.14
471		0	16 M6	+0.06	-0.69	+0.26	+0.11	+0.02	+0.09
471		322	16 M6	+0.06	-0.98	+0.20	+0.11	+0.02	+0.09
471		0	17 M7	+0.01	+0.00	-0.16	-0.30	-0.01	-0.03
471		322	17 M7	+0.01	+0.08	-0.13	-0.30	-0.01	-0.03
471	340	0	M+ A	+2.68	+0.00	+0.00	+0.00	+0.00	+0.63
471	342	322	M+ A	+2.68	+0.00	+0.00	+0.00	+49.47	+0.63
471	340	0	M- A	-1.18	-20.56	-15.51	-25.40	-54.70	-0.80
471	342	322	M- A	-1.18	-21.71	-17.32	-25.40	+0.00	-0.80
472	341	0	0 G	-0.00	-0.04	+170.91	+6.78	-8.78	+0.00
472	342	450	0 G	-0.00	-0.06	+171.69	+6.78	+8.43	+0.00
472		0	1 Q1	-0.00	-0.04	+146.19	+2.31	-0.01	-0.01
472		450	1 Q1	-0.00	+0.01	+146.24	+2.31	-0.01	-0.01
472		0	11 M1	-0.00	-0.02	+83.02	+1.22	-0.01	-0.00
472		450	11 M1	-0.00	-0.00	+83.06	+1.22	-0.01	-0.00
472		0	12 M2	-0.00	+0.01	+1.21	+1.44	-0.05	+0.01
472		450	12 M2	-0.00	-0.03	+1.42	+1.44	-0.05	+0.01
472		0	13 M3	-0.00	-0.03	-0.46	+1.09	+0.02	-0.01
472		450	13 M3	-0.00	+0.01	-0.55	+1.09	+0.02	-0.01
472		0	14 M4	-0.00	+0.02	+92.14	+1.76	-0.09	+0.02
472		450	14 M4	-0.00	-0.05	+92.54	+1.76	-0.09	+0.02
472		0	15 M5	-0.00	-0.04	+0.14	+2.25	-0.00	-0.01
472		450	15 M5	-0.00	+0.01	+0.16	+2.25	-0.00	-0.01
472		0	16 M6	-0.00	-0.01	-0.11	+0.54	+0.01	-0.00
472		450	16 M6	-0.00	+0.00	-0.13	+0.54	+0.01	-0.00
472		0	17 M7	-0.00	+0.00	+0.06	-0.05	-0.00	+0.00
472		450	17 M7	-0.00	-0.00	+0.07	-0.05	-0.00	+0.00
472	341	0	M+ A	+0.00	+0.00	+562.88	+15.50	+0.00	+0.03
472	342	450	M+ A	+0.00	+0.00	+564.58	+15.50	+11.24	+0.03
472	341	0	M- A	-0.00	-0.17	+0.00	+0.00	-11.82	-0.03
472	342	450	M- A	-0.00	-0.14	+0.00	+0.00	+0.00	-0.03
473	341	0	0 G	+0.34	+10.09	-3.61	-11.52	-7.22	+3.80
473	343	321	0 G	+0.34	-2.11	-0.72	-11.52	+5.42	+3.80
473		0	1 Q1	+0.15	+2.70	-2.77	+2.63	-12.94	+1.10
473		321	1 Q1	+0.15	-0.82	-2.44	+2.63	+12.74	+1.10
473		0	11 M1	+0.78	+1.50	-2.18	+1.14	-16.60	+0.58
473		321	11 M1	+0.78	-0.37	+5.89	+1.14	+23.40	+0.58
473		0	12 M2	+0.01	+2.65	-2.33	-5.84	-0.35	+0.91
473		321	12 M2	+0.01	-0.28	-1.22	-5.84	-0.35	+0.91
473		0	13 M3	+0.12	+1.16	+0.87	+1.71	+0.16	+0.54
473		321	13 M3	+0.12	-0.56	+0.37	+1.71	+0.16	+0.54
473		0	14 M4	-1.42	+3.35	-5.96	-5.67	+0.96	+1.00
473		321	14 M4	-1.42	+0.14	-9.04	-5.67	+0.96	+1.00
473		0	15 M5	+0.19	+2.99	-0.35	-2.13	-0.05	+1.28
473		321	15 M5	+0.19	-1.12	-0.20	-2.13	-0.05	+1.28
473		0	16 M6	+0.07	+0.62	+0.20	+0.23	+0.04	+0.28
473		321	16 M6	+0.07	-0.30	+0.09	+0.23	+0.04	+0.28
473		0	17 M7	+0.01	-0.07	-0.12	-0.29	-0.02	-0.01
473		321	17 M7	+0.01	-0.02	-0.05	-0.29	-0.02	-0.01
473	341	0	M+ A	+1.78	+21.48	+0.00	+0.00	+0.00	+8.20
473	343	321	M+ A	+1.78	+0.00	+8.12	+0.00	+55.80	+8.20
473	341	0	M- A	-1.80	+0.00	-16.73	-24.31	-48.23	+0.00
473	343	321	M- A	-1.80	-5.39	-17.09	-24.31	+0.00	+0.00
474	107	0	0 G	+0.00	+0.00	-0.00	+9.56	+33.29	-0.47
474	344	555	0 G	+0.00	+2.63	+166.24	+9.56	+21.80	-0.47
474		0	1 Q1	+0.00	+0.00	-0.00	+3.19	+26.15	-0.04
474		555	1 Q1	+0.00	+0.25	+145.15	+3.19	+26.15	-0.04
474		0	11 M1	+0.00	+0.00	-0.00	+1.68	+19.74	-0.03
474		555	11 M1	+0.00	+0.16	+109.58	+1.68	+19.74	-0.03
474		0	12 M2	+0.00	+0.00	-0.00	+2.06	+0.07	-0.16

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
474		555	12 M2	+0.00	+0.88	+0.38	+2.06	+0.07	-0.16
474		0	13 M3	+0.00	+0.00	-0.00	+1.52	-0.02	-0.01
474		555	13 M3	+0.00	+0.06	-0.14	+1.52	-0.02	-0.01
474		0	14 M4	+0.00	+0.00	-0.00	+2.49	+7.42	-0.17
474		555	14 M4	+0.00	+0.94	+41.16	+2.49	+7.42	-0.17
474		0	15 M5	+0.00	+0.00	-0.00	+3.19	+0.01	-0.13
474		555	15 M5	+0.00	+0.69	+0.03	+3.19	+0.01	-0.13
474		0	16 M6	+0.00	+0.00	-0.00	+0.75	-0.01	-0.02
474		555	16 M6	+0.00	+0.09	-0.03	+0.75	-0.01	-0.02
474		0	17 M7	+0.00	+0.00	-0.00	-0.07	+0.00	-0.00
474		555	17 M7	+0.00	+0.02	+0.02	-0.07	+0.00	-0.00
474	107	0	M+ A	+0.00	+0.00	-0.00	+21.80	+109.19	+0.00
474	344	555	M+ A	+0.00	+5.24	+581.42	+21.80	+93.91	+0.00
474	107	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.94
474	344	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.94
475	342	0	0 G	+0.70	-11.96	-3.90	-12.93	-7.66	-4.17
475	344	321	0 G	+0.70	+1.43	+0.40	-12.93	+4.98	-4.17
475		0	1 Q1	+0.28	-4.01	-2.81	+2.11	-12.98	-1.02
475		321	1 Q1	+0.28	-0.75	-2.36	+2.11	+12.70	-1.02
475		0	11 M1	-0.59	-2.04	-2.20	+0.89	-16.62	-0.57
475		321	11 M1	-0.59	-0.21	+5.96	+0.89	+23.38	-0.57
475		0	12 M2	+0.06	-2.47	-2.40	-5.98	-0.46	-1.08
475		321	12 M2	+0.06	+1.00	-0.92	-5.98	-0.46	-1.08
475		0	13 M3	+0.10	-2.03	+0.88	+1.47	+0.20	-0.41
475		321	13 M3	+0.10	-0.72	+0.25	+1.47	+0.20	-0.41
475		0	14 M4	+1.42	-2.64	-6.07	-5.74	+0.75	-1.30
475		321	14 M4	+1.42	+1.54	-8.48	-5.74	+0.75	-1.30
475		0	15 M5	+0.20	-4.27	-0.38	-2.63	-0.07	-1.19
475		321	15 M5	+0.20	-0.45	-0.16	-2.63	-0.07	-1.19
475		0	16 M6	+0.07	-1.04	+0.20	+0.09	+0.05	-0.24
475		321	16 M6	+0.07	-0.28	+0.05	+0.09	+0.05	-0.24
475		0	17 M7	+0.01	+0.05	-0.13	-0.31	-0.03	+0.01
475		321	17 M7	+0.01	+0.02	-0.04	-0.31	-0.03	+0.01
475	342	0	M+ A	+3.37	+0.00	+0.00	+0.00	+0.00	+0.00
475	344	321	M+ A	+3.37	+4.24	+9.48	+0.00	+55.12	+0.00
475	342	0	M- A	-0.20	-26.77	-17.32	-26.42	-48.91	-8.65
475	344	321	M- A	-0.20	-0.45	-14.79	-26.42	+0.00	-8.65
476	343	0	0 G	-0.00	-0.06	+167.28	+19.09	-7.65	+0.00
476	344	450	0 G	-0.00	-0.07	+162.99	+19.09	+9.56	+0.00
476		0	1 Q1	-0.00	-0.04	+144.08	+6.48	+0.08	-0.01
476		450	1 Q1	-0.00	-0.00	+143.74	+6.48	+0.08	-0.01
476		0	11 M1	-0.00	-0.02	+106.72	+3.42	+0.06	-0.00
476		450	11 M1	-0.00	-0.01	+106.46	+3.42	+0.06	-0.00
476		0	12 M2	+0.00	+0.00	+1.00	+4.08	+0.25	+0.01
476		450	12 M2	+0.00	-0.03	-0.12	+4.08	+0.25	+0.01
476		0	13 M3	-0.00	-0.03	-0.36	+3.10	-0.09	-0.01
476		450	13 M3	-0.00	+0.01	+0.05	+3.10	-0.09	-0.01
476		0	14 M4	+0.00	+0.01	+44.65	+4.94	+0.46	+0.01
476		450	14 M4	+0.00	-0.04	+42.60	+4.94	+0.46	+0.01
476		0	15 M5	-0.00	-0.04	+0.14	+6.39	+0.04	-0.01
476		450	15 M5	-0.00	-0.00	-0.04	+6.39	+0.04	-0.01
476		0	16 M6	-0.00	-0.01	-0.09	+1.53	-0.02	-0.00
476		450	16 M6	-0.00	+0.00	+0.01	+1.53	-0.02	-0.00
476		0	17 M7	-0.00	+0.00	+0.05	-0.14	+0.01	+0.00
476		450	17 M7	-0.00	-0.00	-0.01	-0.14	+0.01	+0.00
476	343	0	M+ A	+0.00	+0.00	+577.08	+43.74	+0.00	+0.02
476	344	450	M+ A	+0.00	+0.00	+570.50	+43.74	+13.50	+0.02
476	343	0	M- A	-0.00	-0.19	+0.00	+0.00	-10.31	-0.02
476	344	450	M- A	-0.00	-0.17	+0.00	+0.00	+0.00	-0.02
477	343	0	0 G	-2.48	+0.51	-0.72	-11.99	-9.42	+13.43
477	345	322	0 G	-2.48	-42.73	+9.21	-11.99	+3.26	+13.43
477		0	1 Q1	-1.20	-0.54	-2.44	+2.60	-13.54	+4.41
477		322	1 Q1	-1.20	-14.73	-0.30	+2.60	+12.22	+4.41
477		0	11 M1	-2.31	-0.20	+5.89	+1.11	+3.56	+2.33
477		322	11 M1	-2.31	-7.71	-5.57	+1.11	+3.56	+2.33
477		0	12 M2	-0.40	+0.59	-1.22	-6.00	-0.85	+2.95
477		322	12 M2	-0.40	-8.91	+1.51	-6.00	-0.85	+2.95
477		0	13 M3	+0.29	-0.46	+0.37	+1.71	+0.34	+2.11
477		322	13 M3	+0.29	-7.27	-0.73	+1.71	+0.34	+2.11
477		0	14 M4	+0.18	+1.04	-9.04	-5.84	-7.26	+3.48
477		322	14 M4	+0.18	-10.18	+10.13	-5.84	+12.74	+3.48
477		0	15 M5	+0.16	-0.38	-0.20	-2.25	-0.12	+4.50
477		322	15 M5	+0.16	-14.86	+0.19	-2.25	-0.12	+4.50
477		0	16 M6	+0.12	-0.19	+0.09	+0.22	+0.08	+1.06
477		322	16 M6	+0.12	-3.60	-0.18	+0.22	+0.08	+1.06
477		0	17 M7	-0.01	-0.00	-0.05	-0.29	-0.05	-0.09
477		322	17 M7	-0.01	+0.27	+0.10	-0.29	-0.05	-0.09
477	343	0	M+ A	+0.00	+2.25	+8.12	+0.00	+0.00	+29.50
477	345	322	M+ A	+0.00	+0.00	+27.62	+0.00	+36.34	+29.50
477	343	0	M- A	-8.08	-0.78	-17.09	-25.19	-40.65	+0.00
477	345	322	M- A	-8.08	-95.45	+0.00	-25.19	+0.00	+0.00
478	108	0	0 G	+0.00	+0.00	-0.00	+14.45	+14.65	-0.39
478	346	555	0 G	+0.00	+2.14	+62.79	+14.45	+3.16	-0.39
478		0	1 Q1	+0.00	+0.00	-0.00	+5.11	+17.27	-0.08
478		555	1 Q1	+0.00	+0.42	+95.85	+5.11	+17.27	-0.08
478		0	11 M1	+0.00	+0.00	-0.00	+2.61	+4.02	-0.04
478		555	11 M1	+0.00	+0.24	+22.29	+2.61	+4.02	-0.04
478		0	12 M2	+0.00	+0.00	-0.00	+2.98	-2.55	-0.11
478		555	12 M2	+0.00	+0.61	-14.15	+2.98	-2.55	-0.11
478		0	13 M3	+0.00	+0.00	-0.00	+2.55	+1.00	-0.03
478		555	13 M3	+0.00	+0.17	+5.53	+2.55	+1.00	-0.03
478		0	14 M4	+0.00	+0.00	-0.00	+3.60	+9.49	-0.12
478		555	14 M4	+0.00	+0.68	+52.67	+3.60	+9.49	-0.12
478		0	15 M5	+0.00	+0.00	-0.00	+5.07	-0.28	-0.11
478		555	15 M5	+0.00	+0.62	-1.55	+5.07	-0.28	-0.11
478		0	16 M6	+0.00	+0.00	-0.00	+1.23	+0.24	-0.02
478		555	16 M6	+0.00	+0.11	+1.32	+1.23	+0.24	-0.02
478		0	17 M7	+0.00	+0.00	-0.00	-0.12	-0.13	-0.00
478		555	17 M7	+0.00	+0.00	-0.74	-0.12	-0.13	-0.00
478	108	0	M+ A	+0.00	+0.00	-0.00	+33.73	+57.03	+0.00
478	346	555	M+ A	+0.00	+4.43	+291.91	+33.73	+41.75	+0.00
478	108	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.80
478	346	555	M- A	+0.00	+0.00	-0.00	+0.00	-0.67	-0.80
479	344	0	0 G	+3.95	-1.27	+0.40	-13.40	-7.26	-13.71
479	346	322	0 G	+3.95	+42.87	+3.36	-13.40	+5.42	-13.71
479		0	1 Q1	+1.69	-1.00	-2.36	+2.06	-13.38	-4.31

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
479		322	1 Q1	+1.69	+12.88	-0.76	+2.06	+12.38	-4.31
479		0	11 M1	+2.53	-0.38	+5.96	+0.86	+3.69	-2.31
479		322	11 M1	+2.53	+7.06	-5.93	+0.86	+3.69	-2.31
479		0	12 M2	+0.57	+0.08	-0.92	-6.13	-0.28	-3.10
479		322	12 M2	+0.57	+10.05	-0.02	-6.13	-0.28	-3.10
479		0	13 M3	-0.09	-0.78	+0.25	+1.45	+0.13	-1.99
479		322	13 M3	-0.09	+5.61	-0.17	+1.45	+0.13	-1.99
479		0	14 M4	-0.01	+0.56	-8.48	-5.90	-6.21	-3.75
479		322	14 M4	-0.01	+12.64	+7.32	-5.90	+13.79	-3.75
479		0	15 M5	+0.27	-1.15	-0.16	-2.76	-0.03	-4.39
479		322	15 M5	+0.27	+13.00	-0.06	-2.76	-0.03	-4.39
479		0	16 M6	+0.03	-0.37	+0.05	+0.07	+0.03	-1.02
479		322	16 M6	+0.03	+2.91	-0.04	+0.07	+0.03	-1.02
479		0	17 M7	+0.04	+0.00	-0.04	-0.31	-0.02	+0.08
479		322	17 M7	+0.04	-0.25	+0.02	-0.31	-0.02	+0.08
479	344	0	M+ A	+10.91	+0.00	+9.48	+0.00	+0.00	+0.00
479	346	322	M+ A	+10.91	+90.89	+15.51	+0.00	+41.01	+0.00
479	344	0	M- A	+0.00	-4.49	-14.79	-27.29	-36.38	-29.62
479	346	322	M- A	+0.00	+0.00	-6.34	-27.29	+0.00	-29.62
480	345	0	0 G	-0.00	+0.02	+49.54	+27.07	-10.85	+0.00
480	346	450	0 G	-0.00	+0.01	+59.63	+27.07	+6.36	+0.00
480		0	1 Q1	-0.00	-0.01	+93.83	+9.36	-0.17	-0.00
480		450	1 Q1	-0.00	+0.01	+94.61	+9.36	-0.17	-0.00
480		0	11 M1	-0.00	-0.00	+23.06	+4.89	-0.14	-0.00
480		450	11 M1	-0.00	+0.01	+23.68	+4.89	-0.14	-0.00
480		0	12 M2	-0.00	+0.01	-17.41	+5.72	-0.59	+0.00
480		450	12 M2	-0.00	-0.00	-14.76	+5.72	-0.59	+0.00
480		0	13 M3	+0.00	-0.01	+6.71	+4.55	+0.21	-0.00
480		450	13 M3	+0.00	+0.01	+5.75	+4.55	+0.21	-0.00
480		0	14 M4	-0.00	+0.02	+44.47	+6.92	-1.08	+0.01
480		450	14 M4	-0.00	-0.01	+49.32	+6.92	-1.08	+0.01
480		0	15 M5	-0.00	-0.01	-2.07	+9.22	-0.09	-0.00
480		450	15 M5	-0.00	+0.01	-1.65	+9.22	-0.09	-0.00
480		0	16 M6	-0.00	-0.00	+1.61	+2.23	+0.05	-0.00
480		450	16 M6	-0.00	+0.00	+1.37	+2.23	+0.05	-0.00
480		0	17 M7	-0.00	+0.00	-0.90	-0.21	-0.03	+0.00
480		450	17 M7	-0.00	-0.00	-0.77	-0.21	-0.03	+0.00
480	345	0	M+ A	+0.00	+0.06	+259.25	+62.48	+0.00	+0.01
480	346	450	M+ A	+0.00	+0.05	+281.01	+62.48	+8.79	+0.01
480	345	0	M- A	-0.01	-0.00	+0.00	+0.00	-16.28	-0.01
480	346	450	M- A	-0.01	-0.01	+0.00	+0.00	+0.00	-0.01
481	345	0	0 G	-1.73	-40.63	+9.21	-12.37	+13.47	+26.31
481	347	321	0 G	-1.73	-125.08	-54.33	-12.37	+26.11	+26.31
481		0	1 Q1	-2.12	-14.30	-0.30	+2.52	-4.68	+8.71
481		321	1 Q1	-2.12	-42.26	-26.50	+2.52	+21.00	+8.71
481		0	11 M1	-0.68	-7.47	-5.57	+1.07	-0.16	+4.64
481		321	11 M1	-0.68	-22.37	-5.04	+1.07	-0.16	+4.64
481		0	12 M2	+0.02	-8.32	+1.52	-6.11	+2.95	+5.74
481		321	12 M2	+0.02	-26.75	-7.96	-6.11	+2.95	+5.74
481		0	13 M3	+0.14	-7.08	-0.73	+1.68	-1.11	+4.11
481		321	13 M3	+0.14	-20.27	+2.84	+1.68	-1.11	+4.11
481		0	14 M4	-1.30	-9.54	+10.13	-5.97	+5.54	+6.88
481		321	14 M4	-1.30	-31.63	-40.07	-5.97	+25.54	+6.88
481		0	15 M5	+0.23	-14.23	+0.19	-2.35	+0.36	+8.70
481		321	15 M5	+0.23	-42.16	-0.97	-2.35	+0.36	+8.70
481		0	16 M6	+0.08	-3.48	-0.18	+0.20	-0.27	+2.06
481		321	16 M6	+0.08	-10.09	+0.68	+0.20	-0.27	+2.06
481		0	17 M7	+0.01	+0.27	+0.10	-0.29	+0.15	-0.17
481		321	17 M7	+0.01	+0.82	-0.38	-0.29	+0.15	-0.17
481	345	0	M+ A	+0.00	+0.00	+27.63	+0.00	+26.51	+57.71
481	347	321	M+ A	+0.00	+0.00	+0.00	+0.00	+95.62	+57.71
481	345	0	M- A	-6.88	-91.25	+0.00	-25.87	+0.00	+0.00
481	347	321	M- A	-6.88	-276.51	-161.27	-25.87	+0.00	+0.00
482	109	0	0 G	-17.58	-243.91	+195.36	-10.31	-68.07	-95.75
482	348	555	0 G	-17.58	+287.51	-217.79	-10.31	-85.63	-95.75
482		0	1 Q1	-30.17	-78.96	+10.03	-0.16	+9.98	-30.99
482		555	1 Q1	-30.17	+93.01	+65.41	-0.16	+9.98	-30.99
482		0	11 M1	-5.52	-42.68	+22.54	-0.91	-8.66	-16.73
482		555	11 M1	-5.52	+50.17	-25.53	-0.91	-8.66	-16.73
482		0	12 M2	-1.34	-54.38	+61.37	-3.62	-33.06	-21.32
482		555	12 M2	-1.34	+63.93	-122.13	-3.62	-33.06	-21.32
482		0	13 M3	-3.18	-36.47	-17.73	+1.07	+11.99	-14.32
482		555	13 M3	-3.18	+43.04	+48.82	+1.07	+11.99	-14.32
482		0	14 M4	+0.04	-65.92	+69.43	-4.34	-19.52	-25.83
482		555	14 M4	+0.04	+77.45	-38.92	-4.34	-19.52	-25.83
482		0	15 M5	-5.68	-78.79	+19.44	-0.84	-5.43	-30.96
482		555	15 M5	-5.68	+93.03	-10.71	-0.84	-5.43	-30.96
482		0	16 M6	-2.11	-18.35	-4.76	+0.21	+2.94	-7.20
482		555	16 M6	-2.11	+21.62	+11.55	+0.21	+2.94	-7.20
482		0	17 M7	-0.39	+1.57	+2.38	-0.16	-1.61	+0.62
482		555	17 M7	-0.39	-1.85	-6.53	-0.16	-1.61	+0.62
482	109	0	M+ A	+0.00	+0.00	+377.52	+0.00	+0.00	+0.00
482	348	555	M+ A	+0.00	+647.50	-0.00	+0.00	+0.00	+0.00
482	109	0	M- A	-72.62	-549.19	-0.00	-20.45	-140.13	-215.62
482	348	555	M- A	-72.62	+0.00	-472.85	-20.45	-163.49	-215.62
483	346	0	0 G	+7.11	+40.74	+3.35	-13.79	+8.63	-26.33
483	348	321	0 G	+7.11	+125.25	-44.64	-13.79	+21.27	-26.33
483		0	1 Q1	+2.93	+12.48	-0.76	+1.98	-5.06	-8.56
483		321	1 Q1	+2.93	+39.97	-25.74	+1.98	+20.62	-8.56
483		0	11 M1	+1.14	+6.83	-5.93	+0.82	-0.46	-4.59
483		321	11 M1	+1.14	+21.56	-4.44	+0.82	-0.46	-4.59
483		0	12 M2	+1.18	+9.44	-0.02	-6.24	+1.68	-5.84
483		321	12 M2	+1.18	+28.17	-5.42	-6.24	+1.68	-5.84
483		0	13 M3	-0.31	+5.45	-0.17	+1.42	-0.65	-3.98
483		321	13 M3	-0.31	+18.23	+1.91	+1.42	-0.65	-3.98
483		0	14 M4	+3.33	+11.94	+7.32	-6.02	+3.22	-7.06
483		321	14 M4	+3.33	+34.61	-35.42	-6.02	+23.22	-7.06
483		0	15 M5	+0.37	+12.39	-0.06	-2.88	+0.15	-8.54
483		321	15 M5	+0.37	+39.81	-0.56	-2.88	+0.15	-8.54
483		0	16 M6	-0.03	+2.80	-0.04	+0.05	-0.16	-2.02
483		321	16 M6	-0.03	+9.30	+0.46	+0.05	-0.16	-2.02
483		0	17 M7	+0.07	-0.25	+0.02	-0.31	+0.09	+0.16
483		321	17 M7	+0.07	-0.76	-0.26	-0.31	+0.09	+0.16
483	346	0	M+ A	+17.68	+86.72	+15.51	+0.00	+16.48	+0.00
483	348	321	M+ A	+17.68	+270.84	+0.00	+0.00	+85.20	+0.00
483	346	0	M- A	+0.00	+0.00	-6.35	-27.96	+0.00	-57.36
483	348	321	M- A	+0.00	+0.00	-140.41	-27.96	+0.00	-57.36

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
484	347	0	0 G	-17.29	+38.11	-828.58	-10.97	-149.69	-0.06
484	348	450	0 G	-17.29	+38.40	-204.79	-10.97	-127.55	-0.06
484		0	1 Q1	-6.51	+12.29	+19.41	-0.44	-10.80	-0.05
484		450	1 Q1	-6.51	+12.50	+68.00	-0.44	-10.80	-0.05
484		0	11 M1	-2.87	+6.62	-62.72	-1.00	-8.55	-0.02
484		450	11 M1	-2.87	+6.70	-24.26	-1.00	-8.55	-0.02
484		0	12 M2	-1.59	+8.48	-283.87	-3.75	-36.41	+0.01
484		450	12 M2	-1.59	+8.43	-120.03	-3.75	-36.41	+0.01
484		0	13 M3	-3.03	+5.68	+107.75	+0.90	+13.28	-0.03
484		450	13 M3	-3.03	+5.81	+47.99	+0.90	+13.28	-0.03
484		0	14 M4	-0.85	+10.24	-332.36	-4.52	-66.65	+0.02
484		450	14 M4	-0.85	+10.17	-32.45	-4.52	-66.65	+0.02
484		0	15 M5	-5.79	+12.25	-36.39	-1.13	-5.77	-0.06
484		450	15 M5	-5.79	+12.52	-10.42	-1.13	-5.77	-0.06
484		0	16 M6	-2.08	+2.91	+25.95	+0.11	+3.25	+0.00
484		450	16 M6	-2.08	+2.91	+11.34	+0.11	+3.25	+0.00
484		0	17 M7	-0.41	-0.22	-14.42	-0.16	-1.78	+0.00
484		450	17 M7	-0.41	-0.24	-6.42	-0.16	-1.78	+0.00
484	347	0	M+ A	+0.00	+85.66	+0.00	+0.00	+0.00	+0.00
484	348	450	M+ A	+0.00	+86.72	+0.00	+0.00	+0.00	+0.00
484	347	0	M- A	-40.48	+0.00	-1600.54	-21.97	-313.63	-0.23
484	348	450	M- A	-40.48	+0.00	-452.41	-21.97	-284.19	-0.23
485	347	0	0 G	+3.37	+129.74	-52.48	-110.13	-24.35	+26.21
485	349	355	0 G	+3.37	+36.68	+9.15	-110.13	-10.37	+26.21
485		0	1 Q1	-0.14	+40.60	-2.71	-29.23	-0.45	+8.34
485		355	1 Q1	-0.14	+10.99	-1.12	-29.23	-0.45	+8.34
485		0	11 M1	+0.11	+22.07	-2.29	-15.98	-0.58	+4.53
485		355	11 M1	+0.11	+5.97	-0.24	-15.98	-0.58	+4.53
485		0	12 M2	+0.04	+29.17	-7.81	-27.62	-2.63	+5.85
485		355	12 M2	+0.04	+8.42	+1.54	-27.62	-2.63	+5.85
485		0	13 M3	+0.08	+18.12	+2.84	-13.01	+0.99	+3.78
485		355	13 M3	+0.08	+4.71	-0.68	-13.01	+0.99	+3.78
485		0	14 M4	+1.36	+35.60	-40.23	-31.84	-25.68	+7.09
485		355	14 M4	+1.36	+10.42	+9.72	-31.84	+14.32	+7.09
485		0	15 M5	+0.21	+40.37	-1.01	-33.94	-0.34	+8.30
485		355	15 M5	+0.21	+10.92	+0.20	-33.94	-0.34	+8.30
485		0	16 M6	+0.07	+9.50	+0.69	-7.32	+0.24	+1.94
485		355	16 M6	+0.07	+2.62	-0.16	-7.32	+0.24	+1.94
485		0	17 M7	+0.02	-0.59	-0.38	+0.24	-0.13	-0.14
485		355	17 M7	+0.02	-0.09	+0.09	+0.24	-0.13	-0.14
485	347	0	M+ A	+6.60	+278.44	+0.00	+0.00	+0.00	+56.61
485	349	355	M+ A	+6.60	+77.47	+26.93	+0.00	+11.11	+56.61
485	347	0	M- A	+0.00	+0.00	-134.04	-230.28	-71.85	+0.00
485	349	355	M- A	+0.00	+0.00	+0.00	-230.28	-18.42	+0.00
486	110	0	0 G	+0.00	+0.00	-0.00	-17.57	+18.95	-0.31
486	350	555	0 G	+0.00	+1.72	+85.33	-17.57	+6.48	-0.31
486		0	1 Q1	+0.00	+0.00	-0.00	-5.25	-0.22	-0.14
486		555	1 Q1	+0.00	+0.79	-1.24	-5.25	-0.22	-0.14
486		0	11 M1	+0.00	+0.00	-0.00	-2.91	-0.54	-0.07
486		555	11 M1	+0.00	+0.41	-2.97	-2.91	-0.54	-0.07
486		0	12 M2	+0.00	+0.00	-0.00	-4.04	-2.94	-0.05
486		555	12 M2	+0.00	+0.27	-16.33	-4.04	-2.94	-0.05
486		0	13 M3	+0.00	+0.00	-0.00	-2.30	+0.87	-0.07
486		555	13 M3	+0.00	+0.41	+4.83	-2.30	+0.87	-0.07
486		0	14 M4	+0.00	+0.00	-0.00	-4.87	+10.40	-0.06
486		555	14 M4	+0.00	+0.35	+57.72	-4.87	+10.40	-0.06
486		0	15 M5	+0.00	+0.00	-0.00	-5.39	-0.24	-0.12
486		555	15 M5	+0.00	+0.64	-1.33	-5.39	-0.24	-0.12
486		0	16 M6	+0.00	+0.00	-0.00	-1.19	+0.21	-0.03
486		555	16 M6	+0.00	+0.18	+1.16	-1.19	+0.21	-0.03
486		0	17 M7	+0.00	+0.00	-0.00	+0.08	-0.12	+0.01
486		555	17 M7	+0.00	-0.03	-0.64	+0.08	-0.12	+0.01
486	110	0	M+ A	+0.00	+0.00	-0.00	+0.00	+40.80	+0.00
486	350	555	M+ A	+0.00	+4.31	+200.07	+0.00	+24.22	+0.00
486	110	0	M- A	+0.00	+0.00	-0.00	-38.55	+0.00	-0.78
486	350	555	M- A	+0.00	+0.00	-0.00	-38.55	+0.00	-0.78
487	348	0	0 G	-5.88	-123.87	-44.35	-109.60	-20.65	-25.67
487	350	355	0 G	-5.88	-32.72	+4.15	-109.60	-6.67	-25.67
487		0	1 Q1	+0.34	-40.55	-2.08	-29.05	-0.16	-8.29
487		355	1 Q1	+0.34	-11.14	-1.53	-29.05	-0.16	-8.29
487		0	11 M1	-0.13	-21.91	-1.79	-15.93	-0.35	-4.50
487		355	11 M1	-0.13	-5.95	-0.55	-15.93	-0.35	-4.50
487		0	12 M2	-0.92	-27.33	-5.67	-27.54	-1.66	-5.71
487		355	12 M2	-0.92	-7.05	+0.24	-27.54	-1.66	-5.71
487		0	13 M3	+0.52	-19.00	+2.05	-12.94	+0.64	-3.81
487		355	13 M3	+0.52	-5.47	-0.22	-12.94	+0.64	-3.81
487		0	14 M4	-3.14	-32.67	-36.31	-31.83	-23.90	-6.88
487		355	14 M4	-3.14	-8.24	+7.34	-31.83	+16.10	-6.88
487		0	15 M5	+0.07	-40.70	-0.67	-33.90	-0.18	-8.25
487		355	15 M5	+0.07	-11.39	-0.02	-33.90	-0.18	-8.25
487		0	16 M6	+0.18	-9.42	+0.49	-7.15	+0.15	-1.93
487		355	16 M6	+0.18	-2.56	-0.05	-7.15	+0.15	-1.93
487		0	17 M7	-0.04	+0.85	-0.28	+0.31	-0.09	+0.15
487		355	17 M7	-0.04	+0.30	+0.03	+0.31	-0.09	+0.15
487	348	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
487	350	355	M+ A	+0.00	+0.00	+16.61	+0.00	+17.48	+0.00
487	348	0	M- A	-12.65	-270.85	-116.52	-229.31	-63.89	-55.76
487	350	355	M- A	-12.65	-72.96	+0.00	-229.31	-11.67	-55.76
488	349	0	0 G	+0.00	-0.04	+74.13	-31.63	-11.09	-0.01
488	350	450	0 G	+0.00	+0.02	+81.69	-31.63	+7.73	-0.01
488		0	1 Q1	-0.00	-0.00	-1.71	-9.67	-0.13	+0.00
488		450	1 Q1	-0.00	-0.00	-1.13	-9.67	-0.13	+0.00
488		0	11 M1	+0.00	-0.00	-3.58	-5.33	-0.10	-0.00
488		450	11 M1	+0.00	-0.00	-3.11	-5.33	-0.10	-0.00
488		0	12 M2	+0.00	-0.01	-18.69	-7.23	-0.44	-0.00
488		450	12 M2	+0.00	+0.01	-16.70	-7.23	-0.44	-0.00
488		0	13 M3	-0.00	+0.00	+5.79	-4.29	+0.16	+0.00
488		450	13 M3	-0.00	-0.01	+5.06	-4.29	+0.16	+0.00
488		0	14 M4	+0.00	-0.02	+50.91	-8.72	-0.81	-0.01
488		450	14 M4	+0.00	+0.01	+54.55	-8.72	-0.81	-0.01
488		0	15 M5	-0.00	-0.00	-1.76	-9.82	-0.07	+0.00
488		450	15 M5	-0.00	-0.00	-1.45	-9.82	-0.07	+0.00
488		0	16 M6	-0.00	+0.00	+1.39	-2.23	+0.04	+0.00
488		450	16 M6	-0.00	-0.00	+1.21	-2.23	+0.04	+0.00
488		0	17 M7	+0.00	-0.00	-0.77	+0.15	-0.02	-0.00
488		450	17 M7	+0.00	+0.00	-0.68	+0.15	-0.02	-0.00
488	349	0	M+ A	+0.00	+0.00	+174.96	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
488	350	450	M+ A	+0.00	+0.05	+190.48	+0.00	+10.52	+0.00
488	349	0	M- A	+0.00	-0.08	+0.00	-69.85	-16.14	-0.03
488	350	450	M- A	+0.00	+0.00	+0.00	-69.85	+0.00	-0.03
489	349	0	0 G	+3.45	+38.53	+9.14	-110.44	-3.73	+12.07
489	351	355	0 G	+3.45	-4.30	-2.42	-110.44	+10.25	+12.07
489		0	1 Q1	+0.28	+11.80	-1.12	-29.38	+0.07	+3.84
489		355	1 Q1	+0.28	-1.84	-1.37	-29.38	+0.07	+3.84
489		0	11 M1	+0.20	+6.39	-0.24	-16.06	+0.19	+2.08
489		355	11 M1	+0.20	-1.01	-0.91	-16.06	+0.19	+2.08
489		0	12 M2	+0.62	+8.71	+1.54	-27.67	+1.28	+2.68
489		355	12 M2	+0.62	-0.79	-3.00	-27.67	+1.28	+2.68
489		0	13 M3	-0.02	+5.13	-0.68	-13.09	-0.23	+1.73
489		355	13 M3	-0.02	-1.02	+0.13	-13.09	-0.23	+1.73
489		0	14 M4	-0.08	+10.81	+9.72	-31.90	+5.70	+3.28
489		355	14 M4	-0.08	-0.82	-10.52	-31.90	+5.70	+3.28
489		0	15 M5	+0.28	+11.58	+0.20	-34.06	+0.06	+3.78
489		355	15 M5	+0.28	-1.83	-0.00	-34.06	+0.06	+3.78
489		0	16 M6	+0.05	+2.81	-0.16	-7.36	-0.06	+0.90
489		355	16 M6	+0.05	-0.38	+0.03	-7.36	-0.06	+0.90
489		0	17 M7	+0.04	-0.12	+0.09	+0.25	+0.03	-0.06
489		355	17 M7	+0.04	+0.10	-0.02	+0.25	+0.03	-0.06
489	349	0	M+ A	+5.89	+81.88	+26.93	+0.00	+4.89	+26.02
489	351	355	M+ A	+5.89	+0.00	+0.00	+0.00	+22.46	+26.02
489	349	0	M- A	+0.00	+0.00	+0.00	-231.03	-5.38	+0.00
489	351	355	M- A	+0.00	-10.49	-20.47	-231.03	+0.00	+0.00
490	111	0	0 G	+0.00	+0.00	-0.00	-9.11	+37.29	-0.29
490	352	555	0 G	+0.00	+1.63	+187.12	-9.11	+24.82	-0.29
490		0	1 Q1	+0.00	+0.00	-0.00	-2.87	-0.10	-0.19
490		555	1 Q1	+0.00	+1.04	-0.53	-2.87	-0.10	-0.19
490		0	11 M1	+0.00	+0.00	-0.00	-1.56	+0.04	-0.09
490		555	11 M1	+0.00	+0.52	+0.23	-1.56	+0.04	-0.09
490		0	12 M2	+0.00	+0.00	-0.00	-2.03	+0.51	-0.02
490		555	12 M2	+0.00	+0.11	+2.85	-2.03	+0.51	-0.02
490		0	13 M3	+0.00	+0.00	-0.00	-1.31	-0.08	-0.11
490		555	13 M3	+0.00	+0.58	-0.43	-1.31	-0.08	-0.11
490		0	14 M4	+0.00	+0.00	-0.00	-2.45	+8.59	-0.04
490		555	14 M4	+0.00	+0.20	+47.65	-2.45	+8.59	-0.04
490		0	15 M5	+0.00	+0.00	-0.00	-2.91	+0.02	-0.13
490		555	15 M5	+0.00	+0.71	+0.12	-2.91	+0.02	-0.13
490		0	16 M6	+0.00	+0.00	-0.00	-0.66	-0.02	-0.04
490		555	16 M6	+0.00	+0.23	-0.10	-0.66	-0.02	-0.04
490		0	17 M7	+0.00	+0.00	-0.00	+0.05	+0.01	+0.01
490		555	17 M7	+0.00	-0.05	+0.06	+0.05	+0.01	+0.01
490	111	0	M+ A	+0.00	+0.00	-0.00	+0.00	+62.47	+0.00
490	352	555	M+ A	+0.00	+4.63	+320.34	+0.00	+45.89	+0.00
490	111	0	M- A	+0.00	+0.00	-0.00	-20.35	+0.00	-0.83
490	352	555	M- A	+0.00	+0.00	-0.00	-20.35	+0.00	-0.83
491	350	0	0 G	-2.25	-34.42	+4.15	-109.92	-5.42	-11.62
491	352	355	0 G	-2.25	+6.83	-1.41	-109.92	+8.55	-11.62
491		0	1 Q1	+0.23	-11.93	-1.53	-29.19	-0.06	-3.86
491		355	1 Q1	+0.23	+1.79	-1.30	-29.19	-0.06	-3.86
491		0	11 M1	+0.02	-6.36	-0.55	-16.00	+0.09	-2.08
491		355	11 M1	+0.02	+1.03	-0.86	-16.00	+0.09	-2.08
491		0	12 M2	-0.55	-7.32	+0.24	-27.59	+0.84	-2.52
491		355	12 M2	-0.55	+1.63	-2.73	-27.59	+0.84	-2.52
491		0	13 M3	+0.29	-5.89	-0.22	-13.01	-0.07	-1.82
491		355	13 M3	+0.29	+0.58	+0.02	-13.01	-0.07	-1.82
491		0	14 M4	+0.04	-8.58	+7.34	-31.90	+4.89	-3.03
491		355	14 M4	+0.04	+2.17	-10.01	-31.90	+4.89	-3.03
491		0	15 M5	+0.19	-12.04	-0.02	-34.01	-0.01	-3.83
491		355	15 M5	+0.19	+1.56	+0.02	-34.01	-0.01	-3.83
491		0	16 M6	+0.13	-2.74	-0.05	-7.18	-0.02	-0.89
491		355	16 M6	+0.13	+0.43	+0.00	-7.18	-0.02	-0.89
491		0	17 M7	-0.00	+0.33	+0.03	+0.31	+0.01	+0.08
491		355	17 M7	-0.00	+0.03	-0.01	+0.31	+0.01	+0.08
491	350	0	M+ A	+0.00	+0.00	+16.61	+0.00	+1.91	+0.00
491	352	355	M+ A	+0.00	+14.35	+0.00	+0.00	+18.88	+0.00
491	350	0	M- A	-3.86	-77.04	+0.00	-230.07	-7.49	-25.50
491	352	355	M- A	-3.86	+0.00	-18.28	-230.07	+0.00	-25.50
492	351	0	0 G	-0.00	-0.12	+187.47	-18.85	-8.65	-0.02
492	352	450	0 G	-0.00	-0.03	+184.07	-18.85	+10.16	-0.02
492		0	1 Q1	-0.00	-0.02	-0.30	-5.84	+0.06	+0.00
492		450	1 Q1	-0.00	-0.02	-0.58	-5.84	+0.06	+0.00
492		0	11 M1	-0.00	-0.01	+0.33	-3.19	+0.05	-0.00
492		450	11 M1	-0.00	-0.01	+0.12	-3.19	+0.05	-0.00
492		0	12 M2	-0.00	-0.03	+4.96	-4.27	+0.20	-0.01
492		450	12 M2	-0.00	-0.00	+4.07	-4.27	+0.20	-0.01
492		0	13 M3	-0.00	-0.00	-0.59	-2.63	-0.07	+0.00
492		450	13 M3	-0.00	-0.02	-0.27	-2.63	-0.07	+0.00
492		0	14 M4	-0.00	-0.05	+51.35	-5.14	+0.36	-0.01
492		450	14 M4	-0.00	+0.01	+49.73	-5.14	+0.36	-0.01
492		0	15 M5	-0.00	-0.02	+0.21	-5.94	+0.03	+0.00
492		450	15 M5	-0.00	-0.03	+0.05	-5.94	+0.03	+0.00
492		0	16 M6	-0.00	-0.00	-0.14	-1.36	-0.02	+0.00
492		450	16 M6	-0.00	-0.01	-0.07	-1.36	-0.02	+0.00
492		0	17 M7	-0.00	-0.00	+0.08	+0.10	+0.01	-0.00
492		450	17 M7	-0.00	+0.00	+0.04	+0.10	+0.01	-0.00
492	351	0	M+ A	+0.00	+0.00	+326.36	+0.00	+0.00	+0.00
492	352	450	M+ A	+0.00	+0.00	+319.41	+0.00	+14.14	+0.00
492	351	0	M- A	-0.00	-0.26	+0.00	-41.87	-11.61	-0.05
492	352	450	M- A	-0.00	-0.11	+0.00	-41.87	+0.00	-0.05
493	351	0	0 G	+0.78	-2.38	-2.42	-110.75	-6.47	+2.31
493	353	355	0 G	+0.78	-10.58	-4.27	-110.75	+7.51	+2.31
493		0	1 Q1	+0.30	-0.74	-1.37	-29.57	+0.07	+0.84
493		355	1 Q1	+0.30	-3.74	-1.60	-29.57	+0.07	+0.84
493		0	11 M1	+0.13	-0.45	-0.91	-16.15	+0.07	+0.44
493		355	11 M1	+0.13	-2.02	-1.16	-16.15	+0.07	+0.44
493		0	12 M2	+1.92	-0.61	-3.00	-27.68	+0.42	+0.45
493		355	12 M2	+1.92	-2.22	-4.51	-27.68	+0.42	+0.45
493		0	13 M3	+0.13	-0.43	+0.13	-13.20	-0.03	+0.39
493		355	13 M3	+0.13	-1.82	+0.23	-13.20	-0.03	+0.39
493		0	14 M4	+2.13	-0.54	-10.52	-31.93	-3.51	+0.60
493		355	14 M4	+2.13	-2.67	+1.96	-31.93	-3.51	+0.60
493		0	15 M5	+0.26	-1.07	-0.00	-34.19	-0.02	+0.71
493		355	15 M5	+0.26	-3.60	+0.06	-34.19	-0.02	+0.71
493		0	16 M6	+0.09	-0.13	+0.03	-7.40	-0.01	+0.20

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
493		355	16 M6	+0.09	-0.85	+0.05	-7.40	-0.01	+0.20
493		0	17 M7	+0.02	+0.06	-0.02	+0.26	+0.00	-0.01
493		355	17 M7	+0.02	+0.11	-0.03	+0.26	+0.00	-0.01
493	351	0	M+ A	+4.57	+0.00	+0.00	+0.00	+0.00	+5.13
493	353	355	M+ A	+4.57	+0.00	+0.00	+0.00	+10.84	+5.13
493	351	0	M- A	+0.00	-5.59	-20.47	-231.85	-14.00	+0.00
493	353	355	M- A	+0.00	-23.66	-14.20	-231.85	+0.00	+0.00
494	112	0	0 G	+0.00	+0.00	-0.00	-1.81	+37.10	-0.26
494	354	555	0 G	+0.00	+1.42	+186.05	-1.81	+24.63	-0.26
494		0	1 Q1	+0.00	+0.00	-0.00	-0.61	+0.01	-0.23
494		555	1 Q1	+0.00	+1.25	+0.06	-0.61	+0.01	-0.23
494		0	11 M1	+0.00	+0.00	-0.00	-0.32	+0.05	-0.11
494		555	11 M1	+0.00	+0.61	+0.25	-0.32	+0.05	-0.11
494		0	12 M2	+0.00	+0.00	-0.00	-0.38	+13.57	+0.01
494		555	12 M2	+0.00	-0.07	+75.30	-0.38	+13.57	+0.01
494		0	13 M3	+0.00	+0.00	-0.00	-0.29	-0.08	-0.13
494		555	13 M3	+0.00	+0.74	-0.44	-0.29	-0.08	-0.13
494		0	14 M4	+0.00	+0.00	-0.00	-0.46	+23.60	-0.00
494		555	14 M4	+0.00	+0.02	+130.99	-0.46	+23.60	-0.00
494		0	15 M5	+0.00	+0.00	-0.00	-0.61	+0.04	-0.13
494		555	15 M5	+0.00	+0.75	+0.22	-0.61	+0.04	-0.13
494		0	16 M6	+0.00	+0.00	-0.00	-0.14	-0.02	-0.05
494		555	16 M6	+0.00	+0.27	-0.10	-0.14	-0.02	-0.05
494		0	17 M7	+0.00	+0.00	-0.00	+0.01	+0.01	+0.01
494		555	17 M7	+0.00	-0.07	+0.06	+0.01	+0.01	+0.01
494	112	0	M+ A	+0.00	+0.00	-0.00	+0.00	+84.76	+0.00
494	354	555	M+ A	+0.00	+4.69	+444.02	+0.00	+68.17	+0.00
494	112	0	M- A	+0.00	+0.00	-0.00	-4.15	+0.00	-0.85
494	354	555	M- A	+0.00	+0.00	-0.00	-4.15	+0.00	-0.85
495	352	0	0 G	+0.80	+5.18	-1.41	-110.24	-6.10	-1.88
495	354	355	0 G	+0.80	+11.85	-4.55	-110.24	+7.87	-1.88
495		0	1 Q1	+0.28	+0.73	-1.30	-29.38	+0.09	-0.89
495		355	1 Q1	+0.28	+3.88	-1.63	-29.38	+0.09	-0.89
495		0	11 M1	+0.13	+0.50	-0.86	-16.10	+0.09	-0.45
495		355	11 M1	+0.13	+2.10	-1.18	-16.10	+0.09	-0.45
495		0	12 M2	-1.77	+1.52	-2.73	-27.62	+0.52	-0.29
495		355	12 M2	-1.77	+2.54	-4.57	-27.62	+0.52	-0.29
495		0	13 M3	+0.13	-0.03	+0.02	-13.11	-0.06	-0.50
495		355	13 M3	+0.13	+1.74	+0.24	-13.11	-0.06	-0.50
495		0	14 M4	-2.04	+1.97	-10.01	-31.95	-3.34	-0.34
495		355	14 M4	-2.04	+3.17	+1.84	-31.95	-3.34	-0.34
495		0	15 M5	+0.26	+0.82	+0.02	-34.14	-0.00	-0.79
495		355	15 M5	+0.26	+3.64	+0.03	-34.14	-0.00	-0.79
495		0	16 M6	+0.09	+0.19	+0.00	-7.22	-0.01	-0.20
495		355	16 M6	+0.09	+0.91	+0.05	-7.22	-0.01	-0.20
495		0	17 M7	+0.02	+0.08	-0.01	+0.32	+0.01	+0.04
495		355	17 M7	+0.02	-0.05	-0.03	+0.32	+0.01	+0.04
495	352	0	M+ A	+1.77	+10.71	+0.00	+0.00	+0.00	+0.00
495	354	355	M+ A	+1.77	+25.65	+0.00	+0.00	+11.51	+0.00
495	352	0	M- A	-2.26	+0.00	-18.28	-230.88	-13.25	-4.71
495	354	355	M- A	-2.26	+0.00	-14.72	-230.88	+0.00	-4.71
496	353	0	0 G	-0.00	-0.10	+185.15	-5.02	-9.56	-0.03
496	354	450	0 G	-0.00	+0.02	+185.81	-5.02	+9.26	-0.03
496		0	1 Q1	-0.00	-0.01	-0.01	-1.55	-0.01	+0.00
496		450	1 Q1	-0.00	-0.02	+0.03	-1.55	-0.01	+0.00
496		0	11 M1	-0.00	-0.01	+0.20	-0.83	-0.01	-0.00
496		450	11 M1	-0.00	-0.01	+0.24	-0.83	-0.01	-0.00
496		0	12 M2	-0.00	-0.03	+74.43	-1.14	-0.04	-0.01
496		450	12 M2	-0.00	+0.01	+74.61	-1.14	-0.04	-0.01
496		0	13 M3	-0.00	+0.01	-0.37	-0.70	+0.02	+0.00
496		450	13 M3	-0.00	-0.02	-0.44	-0.70	+0.02	+0.00
496		0	14 M4	+0.00	-0.05	+129.35	-1.36	-0.07	-0.01
496		450	14 M4	+0.00	+0.02	+129.69	-1.36	-0.07	-0.01
496		0	15 M5	-0.00	-0.01	+0.18	-1.61	-0.00	+0.00
496		450	15 M5	-0.00	-0.02	+0.19	-1.61	-0.00	+0.00
496		0	16 M6	-0.00	-0.00	-0.09	-0.36	+0.00	+0.00
496		450	16 M6	-0.00	-0.00	-0.11	-0.36	+0.00	+0.00
496		0	17 M7	-0.00	-0.00	+0.05	+0.03	-0.00	-0.00
496		450	17 M7	-0.00	+0.00	+0.06	+0.03	-0.00	-0.00
496	353	0	M+ A	+0.00	+0.00	+440.27	+0.00	+0.00	+0.00
496	354	450	M+ A	+0.00	+0.05	+441.70	+0.00	+12.34	+0.00
496	353	0	M- A	-0.00	-0.22	+0.00	-11.17	-12.83	-0.06
496	354	450	M- A	-0.00	-0.03	+0.00	-11.17	+0.00	-0.06
497	353	0	0 G	+0.65	-8.82	-4.27	-111.02	-7.42	-0.89
497	355	355	0 G	+0.65	-5.66	-2.72	-111.02	+6.55	-0.89
497		0	1 Q1	+0.32	-2.42	-1.60	-29.81	+0.08	-0.09
497		355	1 Q1	+0.32	-2.09	-1.88	-29.81	+0.08	-0.09
497		0	11 M1	+0.14	-1.37	-1.16	-16.27	+0.04	-0.07
497		355	11 M1	+0.14	-1.12	-1.30	-16.27	+0.04	-0.07
497		0	12 M2	+1.24	-2.22	-4.51	-27.67	-13.07	-0.29
497		355	12 M2	+1.24	-1.17	+7.09	-27.67	+6.93	-0.29
497		0	13 M3	+0.16	-1.07	+0.23	-13.34	+0.03	-0.02
497		355	13 M3	+0.16	-0.99	+0.13	-13.34	+0.03	-0.02
497		0	14 M4	+0.81	-2.56	+1.96	-31.93	-6.98	-0.29
497		355	14 M4	+0.81	-1.52	-8.86	-31.93	+13.02	-0.29
497		0	15 M5	+0.29	-2.79	+0.06	-34.34	-0.04	-0.29
497		355	15 M5	+0.29	-1.78	+0.20	-34.34	-0.04	-0.29
497		0	16 M6	+0.10	-0.55	+0.05	-7.45	+0.01	-0.01
497		355	16 M6	+0.10	-0.50	+0.03	-7.45	+0.01	-0.01
497		0	17 M7	+0.02	+0.05	-0.03	+0.27	-0.00	+0.00
497		355	17 M7	+0.02	+0.05	-0.02	+0.27	-0.00	+0.00
497	353	0	M+ A	+3.08	+0.00	+0.00	+0.00	+0.00	+0.00
497	355	355	M+ A	+3.08	+0.00	+7.91	+0.00	+28.46	+0.00
497	353	0	M- A	+0.00	-18.63	-14.20	-232.68	-29.63	-1.74
497	355	355	M- A	+0.00	-12.64	-18.94	-232.68	+0.00	-1.74
498	113	0	0 G	+0.00	+0.00	-0.00	+0.47	+35.68	-0.22
498	356	555	0 G	+0.00	+1.22	+178.17	+0.47	+23.21	-0.22
498		0	1 Q1	+0.00	+0.00	-0.00	+0.13	+0.02	-0.26
498		555	1 Q1	+0.00	+1.46	+0.12	+0.13	+0.02	-0.26
498		0	11 M1	+0.00	+0.00	-0.00	+0.07	+0.01	-0.13
498		555	11 M1	+0.00	+0.70	+0.06	+0.07	+0.01	-0.13
498		0	12 M2	+0.00	+0.00	-0.00	+0.12	+21.89	+0.04
498		555	12 M2	+0.00	-0.24	+121.49	+0.12	+21.89	+0.04
498		0	13 M3	+0.00	+0.00	-0.00	+0.05	+0.00	-0.16
498		555	13 M3	+0.00	+0.89	+0.01	+0.05	+0.00	-0.16
498		0	14 M4	+0.00	+0.00	-0.00	+0.15	+28.95	+0.03

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
498		555	14 M4	+0.00	-0.16	+160.69	+0.15	+28.95	+0.03
498		0	15 M5	+0.00	+0.00	-0.00	+0.13	+0.04	-0.14
498		555	15 M5	+0.00	+0.78	+0.23	+0.13	+0.04	-0.14
498		0	16 M6	+0.00	+0.00	-0.00	+0.03	+0.00	-0.06
498		555	16 M6	+0.00	+0.32	+0.00	+0.03	+0.00	-0.06
498		0	17 M7	+0.00	+0.00	-0.00	-0.00	-0.00	+0.02
498		555	17 M7	+0.00	-0.09	-0.00	-0.00	-0.00	+0.02
498	113	0	M+ A	+0.00	+0.00	-0.00	+1.02	+90.91	+0.00
498	356	555	M+ A	+0.00	+4.93	+478.16	+1.02	+74.33	+0.00
498	113	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.89
498	356	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.89
499	354	0	0 G	+1.03	+10.45	-4.55	-110.52	-7.49	+1.33
499	356	355	0 G	+1.03	+5.74	-2.76	-110.52	+6.48	+1.33
499		0	1 Q1	+0.31	+2.62	-1.64	-29.60	+0.07	+0.05
499		355	1 Q1	+0.31	+2.45	-1.90	-29.60	+0.07	+0.05
499		0	11 M1	+0.14	+1.48	-1.18	-16.21	+0.04	+0.06
499		355	11 M1	+0.14	+1.26	-1.31	-16.21	+0.04	+0.06
499		0	12 M2	-1.08	+2.62	-4.57	-27.62	-13.09	+0.46
499		355	12 M2	-1.08	+0.97	+7.09	-27.62	+6.91	+0.46
499		0	13 M3	+0.14	+0.98	+0.24	-13.24	+0.03	-0.09
499		355	13 M3	+0.14	+1.29	+0.12	-13.24	+0.03	-0.09
499		0	14 M4	-0.73	+3.18	+1.84	-31.97	-7.02	+0.56
499		355	14 M4	-0.73	+1.19	-8.85	-31.97	+12.98	+0.56
499		0	15 M5	+0.28	+2.88	+0.03	-34.27	-0.04	+0.20
499		355	15 M5	+0.28	+2.16	+0.18	-34.27	-0.04	+0.20
499		0	16 M6	+0.10	+0.63	+0.05	-7.27	+0.01	+0.02
499		355	16 M6	+0.10	+0.57	+0.02	-7.27	+0.01	+0.02
499		0	17 M7	+0.02	+0.02	-0.03	+0.33	-0.00	+0.03
499		355	17 M7	+0.02	-0.08	-0.02	+0.33	-0.00	+0.03
499	354	0	M+ A	+2.16	+21.62	+0.00	+0.00	+0.00	+2.68
499	356	355	M+ A	+2.16	+13.68	+7.88	+0.00	+28.31	+2.68
499	354	0	M- A	-0.59	+0.00	-14.72	-231.69	-29.75	+0.00
499	356	355	M- A	-0.59	+0.00	-18.99	-231.69	+0.00	+0.00
500	355	0	0 G	-0.00	-0.07	+178.42	+0.71	-9.36	-0.03
500	356	450	0 G	-0.00	+0.05	+178.22	+0.71	+9.45	-0.03
500		0	1 Q1	-0.00	-0.00	+0.13	+0.27	+0.01	+0.00
500		450	1 Q1	-0.00	-0.00	+0.10	+0.27	+0.01	+0.00
500		0	11 M1	-0.00	-0.00	+0.08	+0.15	+0.00	-0.00
500		450	11 M1	-0.00	-0.00	+0.06	+0.15	+0.00	-0.00
500		0	12 M2	-0.00	-0.02	+118.54	+0.14	+0.01	-0.01
500		450	12 M2	-0.00	+0.02	+118.50	+0.14	+0.01	-0.01
500		0	13 M3	-0.00	+0.01	-0.02	+0.13	-0.00	+0.00
500		450	13 M3	-0.00	-0.01	-0.01	+0.13	-0.00	+0.00
500		0	14 M4	-0.00	-0.04	+158.85	+0.18	+0.02	-0.02
500		450	14 M4	-0.00	+0.03	+158.77	+0.18	+0.02	-0.02
500		0	15 M5	-0.00	+0.00	+0.20	+0.23	+0.01	+0.00
500		450	15 M5	-0.00	-0.01	+0.18	+0.23	+0.01	+0.00
500		0	16 M6	-0.00	+0.00	-0.00	+0.06	-0.00	+0.00
500		450	16 M6	-0.00	-0.00	-0.00	+0.06	-0.00	+0.00
500		0	17 M7	-0.00	-0.00	+0.00	-0.01	+0.00	-0.00
500		450	17 M7	-0.00	+0.00	+0.00	-0.01	+0.00	-0.00
500	355	0	M+ A	+0.00	+0.00	+475.75	+1.64	+0.00	+0.00
500	356	450	M+ A	+0.00	+0.12	+475.32	+1.64	+12.61	+0.00
500	355	0	M- A	-0.00	-0.15	+0.00	+0.00	-12.45	-0.06
500	356	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.06
501	355	0	0 G	+0.91	-4.07	-2.72	-111.27	-7.29	-0.64
501	357	355	0 G	+0.91	-1.80	-1.65	-111.27	+6.69	-0.64
501		0	1 Q1	+0.36	-0.54	-1.88	-30.09	+0.06	+0.05
501		355	1 Q1	+0.36	-0.72	-2.08	-30.09	+0.06	+0.05
501		0	11 M1	+0.17	-0.38	-1.30	-16.40	+0.03	+0.00
501		355	11 M1	+0.17	-0.39	-1.41	-16.40	+0.03	+0.00
501		0	12 M2	-1.72	-1.35	+7.09	-27.63	-14.97	-0.27
501		355	12 M2	-1.72	-0.38	-9.56	-27.63	+5.03	-0.27
501		0	13 M3	+0.16	-0.08	+0.13	-13.51	+0.03	+0.05
501		355	13 M3	+0.16	-0.26	+0.01	-13.51	+0.03	+0.05
501		0	14 M4	-1.08	-1.60	-8.86	-31.89	-15.96	-0.25
501		355	14 M4	-1.08	-0.69	+0.20	-31.89	+24.04	-0.25
501		0	15 M5	+0.29	-0.93	+0.20	-34.49	-0.08	-0.19
501		355	15 M5	+0.29	-0.24	+0.49	-34.49	-0.08	-0.19
501		0	16 M6	+0.11	-0.16	+0.03	-7.52	+0.01	+0.02
501		355	16 M6	+0.11	-0.21	+0.00	-7.52	+0.01	+0.02
501		0	17 M7	+0.02	-0.03	-0.02	+0.28	-0.00	-0.01
501		355	17 M7	+0.02	-0.01	-0.00	+0.28	-0.00	-0.01
501	355	0	M+ A	+2.08	+0.00	+7.91	+0.00	+0.00	+0.00
501	357	355	M+ A	+2.08	+0.00	+0.00	+0.00	+45.15	+0.00
501	355	0	M- A	-1.68	-8.45	-18.94	-233.54	-33.78	-1.27
501	357	355	M- A	-1.68	-4.24	-18.76	-233.54	+0.00	-1.27
502	114	0	0 G	+0.00	+0.00	-0.00	+0.61	+35.46	-0.19
502	358	555	0 G	+0.00	+1.05	+176.95	+0.61	+22.99	-0.19
502		0	1 Q1	+0.00	+0.00	-0.00	+0.19	+0.14	-0.30
502		555	1 Q1	+0.00	+1.68	+0.80	+0.19	+0.14	-0.30
502		0	11 M1	+0.00	+0.00	-0.00	+0.10	+0.09	-0.14
502		555	11 M1	+0.00	+0.80	+0.50	+0.10	+0.09	-0.14
502		0	12 M2	+0.00	+0.00	-0.00	+0.13	+8.29	+0.07
502		555	12 M2	+0.00	-0.42	+46.03	+0.13	+8.29	+0.07
502		0	13 M3	+0.00	+0.00	-0.00	+0.09	+0.02	-0.19
502		555	13 M3	+0.00	+1.05	+0.10	+0.09	+0.02	-0.19
502		0	14 M4	+0.00	+0.00	-0.00	+0.15	+21.00	+0.06
502		555	14 M4	+0.00	-0.33	+116.57	+0.15	+21.00	+0.06
502		0	15 M5	+0.00	+0.00	-0.00	+0.20	-0.11	-0.15
502		555	15 M5	+0.00	+0.82	-0.59	+0.20	-0.11	-0.15
502		0	16 M6	+0.00	+0.00	-0.00	+0.04	+0.00	-0.07
502		555	16 M6	+0.00	+0.36	+0.03	+0.04	+0.00	-0.07
502		0	17 M7	+0.00	+0.00	-0.00	-0.00	-0.00	+0.02
502		555	17 M7	+0.00	-0.11	-0.01	-0.00	-0.00	+0.02
502	114	0	M+ A	+0.00	+0.00	-0.00	+1.36	+78.86	+0.00
502	358	555	M+ A	+0.00	+5.23	+411.28	+1.36	+62.28	+0.00
502	114	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.94
502	358	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.94
503	356	0	0 G	+0.98	+4.57	-2.76	-110.77	-7.27	+1.09
503	358	355	0 G	+0.98	+0.69	-1.75	-110.77	+6.71	+1.09
503		0	1 Q1	+0.33	+0.98	-1.90	-29.87	+0.06	-0.10
503		355	1 Q1	+0.33	+1.33	-2.11	-29.87	+0.06	-0.10
503		0	11 M1	+0.15	+0.56	-1.31	-16.34	+0.03	-0.01
503		355	11 M1	+0.15	+0.61	-1.42	-16.34	+0.03	-0.01
503		0	12 M2	+1.91	+1.23	+7.09	-27.58	-14.97	+0.45

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
503		355	12 M2	+1.91	-0.36	-9.57	-27.58	+5.03	+0.45
503		0	13 M3	+0.16	+0.38	+0.12	-13.39	+0.03	-0.16
503		355	13 M3	+0.16	+0.96	+0.00	-13.39	+0.03	-0.16
503		0	14 M4	+1.19	+1.38	-8.85	-31.96	-15.95	+0.53
503		355	14 M4	+1.19	-0.51	+0.18	-31.96	+24.05	+0.53
503		0	15 M5	+0.34	+1.37	+0.18	-34.41	-0.08	+0.11
503		355	15 M5	+0.34	+0.99	+0.46	-34.41	-0.08	+0.11
503		0	16 M6	+0.10	+0.24	+0.02	-7.33	+0.01	-0.01
503		355	16 M6	+0.10	+0.29	-0.00	-7.33	+0.01	-0.01
503		0	17 M7	+0.02	+0.01	-0.02	+0.35	-0.00	+0.03
503		355	17 M7	+0.02	-0.11	+0.00	+0.35	-0.00	+0.03
503	356	0	M+ A	+4.54	+9.27	+7.88	+0.00	+0.00	+2.28
503	358	355	M+ A	+4.54	+3.95	+0.00	+0.00	+45.19	+2.28
503	356	0	M- A	+0.00	+0.00	-18.99	-232.51	-33.75	+0.00
503	358	355	M- A	+0.00	-0.08	-18.94	-232.51	+0.00	+0.00
504	357	0	0 G	-0.00	-0.06	+176.93	+1.54	-9.40	-0.03
504	358	450	0 G	-0.00	+0.06	+176.91	+1.54	+9.41	-0.03
504		0	1 Q1	-0.00	-0.00	+0.75	+0.57	+0.00	-0.00
504		450	1 Q1	-0.00	+0.00	+0.74	+0.57	+0.00	-0.00
504		0	11 M1	-0.00	-0.00	+0.47	+0.30	+0.00	-0.00
504		450	11 M1	-0.00	+0.00	+0.47	+0.30	+0.00	-0.00
504		0	12 M2	-0.00	-0.02	+49.71	+0.28	-0.00	-0.01
504		450	12 M2	-0.00	+0.02	+49.71	+0.28	-0.00	-0.01
504		0	13 M3	-0.00	+0.01	+0.09	+0.26	+0.00	+0.00
504		450	13 M3	-0.00	-0.01	+0.09	+0.26	+0.00	+0.00
504		0	14 M4	-0.00	-0.03	+115.85	+0.34	-0.00	-0.01
504		450	14 M4	-0.00	+0.03	+115.86	+0.34	-0.00	-0.01
504		0	15 M5	-0.00	+0.00	-0.68	+0.52	+0.00	+0.00
504		450	15 M5	-0.00	-0.00	-0.69	+0.52	+0.00	+0.00
504		0	16 M6	-0.00	+0.00	+0.02	+0.12	+0.00	+0.00
504		450	16 M6	-0.00	-0.00	+0.02	+0.12	+0.00	+0.00
504		0	17 M7	-0.00	-0.00	-0.01	-0.02	-0.00	-0.00
504		450	17 M7	-0.00	+0.00	-0.01	-0.02	-0.00	-0.00
504	357	0	M+ A	+0.00	+0.00	+410.11	+3.60	+0.00	+0.00
504	358	450	M+ A	+0.00	+0.13	+410.07	+3.60	+12.53	+0.00
504	357	0	M- A	-0.00	-0.12	+0.00	+0.00	-12.51	-0.05
504	358	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.05
505	357	0	0 G	+1.09	-0.34	-1.65	-111.49	-6.86	+0.30
505	359	355	0 G	+1.09	-1.42	-2.10	-111.49	+7.11	+0.30
505		0	1 Q1	+0.36	+1.06	-2.08	-30.41	-0.08	+0.43
505		355	1 Q1	+0.36	-0.46	-1.79	-30.41	-0.08	+0.43
505		0	11 M1	+0.16	+0.46	-1.41	-16.55	-0.06	+0.20
505		355	11 M1	+0.16	-0.26	-1.20	-16.55	-0.06	+0.20
505		0	12 M2	+1.98	-0.73	-9.56	-27.55	-3.26	-0.13
505		355	12 M2	+1.98	-0.28	+2.02	-27.55	-3.26	-0.13
505		0	13 M3	+0.17	+0.81	+0.01	-13.71	+0.02	+0.23
505		355	13 M3	+0.17	-0.01	-0.04	-13.71	+0.02	+0.23
505		0	14 M4	-1.76	-0.94	+0.20	-31.83	+3.04	-0.07
505		355	14 M4	-1.76	-0.70	-10.60	-31.83	+3.04	-0.07
505		0	15 M5	+0.26	+0.66	+0.49	-34.66	+0.03	+0.14
505		355	15 M5	+0.26	+0.17	+0.38	-34.66	+0.03	+0.14
505		0	16 M6	+0.11	+0.18	+0.00	-7.59	+0.00	+0.09
505		355	16 M6	+0.11	-0.14	-0.01	-7.59	+0.00	+0.09
505		0	17 M7	+0.02	-0.11	-0.00	+0.30	-0.00	-0.02
505		355	17 M7	+0.02	-0.04	+0.01	+0.30	-0.00	-0.02
505	357	0	M+ A	+4.82	+2.10	+0.00	+0.00	+0.00	+1.29
505	359	355	M+ A	+4.82	+0.00	+0.92	+0.00	+14.17	+1.29
505	357	0	M- A	-1.55	-1.88	-18.75	-234.43	-14.24	+0.00
505	359	355	M- A	-1.55	-3.44	-20.62	-234.43	+0.00	+0.00
506	115	0	0 G	+0.00	+0.00	-0.00	+0.73	+35.71	-0.16
506	360	555	0 G	+0.00	+0.89	+178.37	+0.73	+23.24	-0.16
506		0	1 Q1	+0.00	+0.00	-0.00	+0.30	+0.03	-0.34
506		555	1 Q1	+0.00	+1.90	+0.17	+0.30	+0.03	-0.34
506		0	11 M1	+0.00	+0.00	-0.00	+0.15	+0.02	-0.16
506		555	11 M1	+0.00	+0.90	+0.09	+0.15	+0.02	-0.16
506		0	12 M2	+0.00	+0.00	-0.00	+0.05	+21.89	+0.10
506		555	12 M2	+0.00	-0.58	+121.49	+0.05	+21.89	+0.10
506		0	13 M3	+0.00	+0.00	-0.00	+0.15	+0.01	-0.22
506		555	13 M3	+0.00	+1.21	+0.08	+0.15	+0.01	-0.22
506		0	14 M4	+0.00	+0.00	-0.00	+0.04	+7.67	+0.09
506		555	14 M4	+0.00	-0.50	+42.55	+0.04	+7.67	+0.09
506		0	15 M5	+0.00	+0.00	-0.00	+0.32	-0.78	-0.16
506		555	15 M5	+0.00	+0.86	-4.32	+0.32	-0.78	-0.16
506		0	16 M6	+0.00	+0.00	-0.00	+0.03	+0.00	-0.07
506		555	16 M6	+0.00	+0.41	+0.02	+0.03	+0.00	-0.07
506		0	17 M7	+0.00	+0.00	-0.00	-0.02	-0.00	+0.02
506		555	17 M7	+0.00	-0.12	-0.01	-0.02	-0.00	+0.02
506	115	0	M+ A	+0.00	+0.00	-0.00	+1.86	+80.38	+0.00
506	360	555	M+ A	+0.00	+5.57	+419.70	+1.86	+63.79	+0.00
506	115	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.00
506	360	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.00
507	358	0	0 G	+1.02	-0.30	-1.75	-110.98	-6.87	+0.16
507	360	355	0 G	+1.02	-0.87	-2.17	-110.98	+7.11	+0.16
507		0	1 Q1	+0.40	-0.35	-2.11	-30.17	-0.08	-0.47
507		355	1 Q1	+0.40	+1.31	-1.81	-30.17	-0.08	-0.47
507		0	11 M1	+0.18	-0.19	-1.42	-16.48	-0.06	-0.21
507		355	11 M1	+0.18	+0.55	-1.21	-16.48	-0.06	-0.21
507		0	12 M2	-1.77	+0.08	-9.58	-27.52	-3.26	+0.30
507		355	12 M2	-1.77	-0.99	+2.01	-27.52	-3.26	+0.30
507		0	13 M3	+0.17	-0.09	+0.00	-13.58	+0.02	-0.34
507		355	13 M3	+0.17	+1.12	-0.05	-13.58	+0.02	-0.34
507		0	14 M4	+1.90	-0.15	+0.18	-31.91	+3.04	+0.35
507		355	14 M4	+1.90	-1.37	-10.61	-31.91	+3.04	+0.35
507		0	15 M5	+0.44	+0.17	+0.46	-34.56	+0.03	-0.22
507		355	15 M5	+0.44	+0.95	+0.36	-34.56	+0.03	-0.22
507		0	16 M6	+0.11	-0.08	-0.00	-7.39	+0.00	-0.09
507		355	16 M6	+0.11	+0.22	-0.02	-7.39	+0.00	-0.09
507		0	17 M7	+0.02	-0.00	-0.00	+0.37	-0.00	+0.05
507		355	17 M7	+0.02	-0.16	+0.01	+0.37	-0.00	+0.05
507	358	0	M+ A	+4.65	+0.00	+0.00	+0.00	+0.00	+0.73
507	360	355	M+ A	+4.65	+2.27	+0.83	+0.00	+14.16	+0.73
507	358	0	M- A	-1.63	-1.14	-18.94	-233.34	-14.26	-0.90
507	360	355	M- A	-1.63	-3.23	-20.76	-233.34	+0.00	-0.90
508	359	0	0 G	-0.00	-0.04	+178.36	+1.25	-9.39	-0.02
508	360	450	0 G	-0.00	+0.05	+178.30	+1.25	+9.42	-0.02
508		0	1 Q1	-0.00	-0.00	+0.13	+0.50	+0.00	-0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
508		450	1 Q1	-0.00	+0.01	+0.11	+0.50	+0.00	-0.00
508		0	11 M1	-0.00	-0.00	+0.07	+0.26	+0.00	-0.00
508		450	11 M1	-0.00	+0.00	+0.06	+0.26	+0.00	-0.00
508		0	12 M2	-0.00	-0.01	+120.66	+0.14	+0.00	-0.00
508		450	12 M2	-0.00	+0.01	+120.65	+0.14	+0.00	-0.00
508		0	13 M3	-0.00	+0.00	+0.06	+0.22	+0.00	+0.00
508		450	13 M3	-0.00	-0.00	+0.06	+0.22	+0.00	+0.00
508		0	14 M4	-0.00	-0.02	+46.42	+0.17	+0.00	-0.01
508		450	14 M4	-0.00	+0.02	+46.41	+0.17	+0.00	-0.01
508		0	15 M5	-0.00	-0.00	-4.09	+0.46	+0.00	-0.00
508		450	15 M5	-0.00	+0.01	-4.11	+0.46	+0.00	-0.00
508		0	16 M6	-0.00	+0.00	+0.02	+0.07	+0.00	+0.00
508		450	16 M6	-0.00	-0.00	+0.01	+0.07	+0.00	+0.00
508		0	17 M7	-0.00	+0.00	-0.01	-0.02	-0.00	+0.00
508		450	17 M7	-0.00	-0.00	-0.01	-0.02	-0.00	+0.00
508	359	0	M+ A	+0.00	+0.00	+418.38	+3.03	+0.00	+0.00
508	360	450	M+ A	+0.00	+0.10	+418.26	+3.03	+12.54	+0.00
508	359	0	M- A	-0.00	-0.09	+0.00	+0.00	-12.49	-0.04
508	360	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.04
509	359	0	0 G	+1.21	-0.07	-2.10	-111.71	-6.71	+0.73
509	361	355	0 G	+1.21	-2.67	-3.08	-111.71	+7.27	+0.73
509		0	1 Q1	+0.36	+1.58	-1.79	-30.77	-0.11	+0.69
509		355	1 Q1	+0.36	-0.87	-1.41	-30.77	-0.11	+0.69
509		0	11 M1	+0.16	+0.70	-1.20	-16.73	-0.07	+0.33
509		355	11 M1	+0.16	-0.49	-0.94	-16.73	-0.07	+0.33
509		0	12 M2	+1.16	-0.79	+2.02	-27.45	-25.15	-0.11
509		355	12 M2	+1.16	-0.41	-8.30	-27.45	+14.85	-0.11
509		0	13 M3	+0.17	+1.24	-0.04	-13.94	+0.00	+0.38
509		355	13 M3	+0.17	-0.13	-0.05	-13.94	+0.00	+0.38
509		0	14 M4	+2.13	-1.13	-10.60	-31.74	-4.62	-0.06
509		355	14 M4	+2.13	-0.92	+2.01	-31.74	+15.38	-0.06
509		0	15 M5	+0.54	+1.15	+0.38	-34.83	+0.81	+0.36
509		355	15 M5	+0.54	-0.13	-2.50	-34.83	+0.81	+0.36
509		0	16 M6	+0.11	+0.31	-0.01	-7.67	+0.00	+0.14
509		355	16 M6	+0.11	-0.18	-0.02	-7.67	+0.00	+0.14
509		0	17 M7	+0.02	-0.16	+0.01	+0.32	-0.00	-0.03
509		355	17 M7	+0.02	-0.04	+0.01	+0.32	-0.00	-0.03
509	359	0	M+ A	+5.21	+3.59	+0.93	+0.00	+0.00	+2.43
509	361	355	M+ A	+5.21	+0.00	+0.00	+0.00	+32.87	+2.43
509	359	0	M- A	+0.00	-1.79	-20.62	-235.36	-46.90	+0.00
509	361	355	M- A	+0.00	-5.91	-18.09	-235.36	+0.00	+0.00
510	116	0	0 G	+0.00	+0.00	-0.00	+1.31	+36.14	-0.14
510	362	555	0 G	+0.00	+0.78	+180.74	+1.31	+23.67	-0.14
510		0	1 Q1	+0.00	+0.00	-0.00	+0.62	-0.29	-0.38
510		555	1 Q1	+0.00	+2.11	-1.62	+0.62	-0.29	-0.38
510		0	11 M1	+0.00	+0.00	-0.00	+0.31	-0.17	-0.18
510		555	11 M1	+0.00	+0.99	-0.95	+0.31	-0.17	-0.18
510		0	12 M2	+0.00	+0.00	-0.00	-0.01	+29.21	+0.13
510		555	12 M2	+0.00	-0.72	+162.14	-0.01	+29.21	+0.13
510		0	13 M3	+0.00	+0.00	-0.00	+0.31	-0.08	-0.24
510		555	13 M3	+0.00	+1.35	-0.42	+0.31	-0.08	-0.24
510		0	14 M4	+0.00	+0.00	-0.00	-0.06	+22.53	+0.11
510		555	14 M4	+0.00	-0.64	+125.01	-0.06	+22.53	+0.11
510		0	15 M5	+0.00	+0.00	-0.00	+0.68	+0.01	-0.16
510		555	15 M5	+0.00	+0.91	+0.03	+0.68	+0.01	-0.16
510		0	16 M6	+0.00	+0.00	-0.00	+0.03	-0.02	-0.08
510		555	16 M6	+0.00	+0.45	-0.10	+0.03	-0.02	-0.08
510		0	17 M7	+0.00	+0.00	-0.00	-0.05	+0.01	+0.03
510		555	17 M7	+0.00	-0.14	+0.06	-0.05	+0.01	+0.03
510	116	0	M+ A	+0.00	+0.00	-0.00	+3.60	+91.89	+0.06
510	362	555	M+ A	+0.00	+5.90	+483.59	+3.60	+75.30	+0.06
510	116	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.06
510	362	555	M- A	+0.00	-0.31	-0.00	+0.00	+0.00	-1.06
511	360	0	0 G	+1.09	-1.71	-2.17	-111.16	-6.72	-0.36
511	362	355	0 G	+1.09	-0.43	-3.14	-111.16	+7.26	-0.36
511		0	1 Q1	+0.46	-0.59	-1.82	-30.52	-0.11	-0.67
511		355	1 Q1	+0.46	+1.78	-1.43	-30.52	-0.11	-0.67
511		0	11 M1	+0.22	-0.34	-1.21	-16.64	-0.07	-0.32
511		355	11 M1	+0.22	+0.78	-0.95	-16.64	-0.07	-0.32
511		0	12 M2	-0.92	-0.40	+2.01	-27.42	-25.15	+0.21
511		355	12 M2	-0.92	-1.15	-8.31	-27.42	+14.85	+0.21
511		0	13 M3	+0.20	-0.09	-0.05	-13.80	+0.00	-0.42
511		355	13 M3	+0.20	+1.40	-0.06	-13.80	+0.00	-0.42
511		0	14 M4	-1.95	-0.85	-10.61	-31.83	-4.62	+0.21
511		355	14 M4	-1.95	-1.61	+2.00	-31.83	+15.38	+0.21
511		0	15 M5	+0.24	+0.09	+0.36	-34.71	+0.81	-0.36
511		355	15 M5	+0.24	+1.36	-2.53	-34.71	+0.81	-0.36
511		0	16 M6	+0.11	-0.19	-0.02	-7.47	+0.00	-0.13
511		355	16 M6	+0.11	+0.26	-0.02	-7.47	+0.00	-0.13
511		0	17 M7	+0.02	-0.04	+0.01	+0.39	-0.00	+0.05
511		355	17 M7	+0.02	-0.21	+0.01	+0.39	-0.00	+0.05
511	360	0	M+ A	+2.41	+0.00	+0.83	+0.00	+0.00	+0.00
511	362	355	M+ A	+2.41	+3.71	+0.00	+0.00	+32.87	+0.00
511	360	0	M- A	-1.83	-4.21	-20.76	-234.18	-46.91	-1.93
511	362	355	M- A	-1.83	-2.99	-18.21	-234.18	+0.00	-1.93
512	361	0	0 G	-0.00	-0.03	+180.66	+0.95	-9.40	-0.01
512	362	450	0 G	-0.00	+0.03	+180.61	+0.95	+9.42	-0.01
512		0	1 Q1	-0.00	-0.01	-1.61	+0.40	+0.00	-0.00
512		450	1 Q1	-0.00	+0.01	-1.62	+0.40	+0.00	-0.00
512		0	11 M1	-0.00	-0.00	-0.94	+0.21	+0.00	-0.00
512		450	11 M1	-0.00	+0.01	-0.95	+0.21	+0.00	-0.00
512		0	12 M2	-0.00	-0.00	+160.14	+0.04	+0.00	-0.00
512		450	12 M2	-0.00	+0.00	+160.13	+0.04	+0.00	-0.00
512		0	13 M3	-0.00	-0.00	-0.43	+0.17	+0.00	-0.00
512		450	13 M3	-0.00	+0.00	-0.44	+0.17	+0.00	-0.00
512		0	14 M4	-0.00	-0.01	+123.62	+0.06	+0.00	-0.00
512		450	14 M4	-0.00	+0.01	+123.61	+0.06	+0.00	-0.00
512		0	15 M5	-0.00	-0.01	+1.56	+0.37	+0.00	-0.01
512		450	15 M5	-0.00	+0.01	+1.55	+0.37	+0.00	-0.01
512		0	16 M6	-0.00	+0.00	-0.10	+0.03	+0.00	+0.00
512		450	16 M6	-0.00	-0.00	-0.10	+0.03	+0.00	+0.00
512		0	17 M7	-0.00	+0.00	+0.06	-0.02	-0.00	+0.00
512		450	17 M7	-0.00	-0.00	+0.06	-0.02	-0.00	+0.00
512	361	0	M+ A	+0.00	+0.00	+480.48	+2.36	+0.00	+0.00
512	362	450	M+ A	+0.00	+0.07	+480.40	+2.36	+12.54	+0.00
512	361	0	M- A	-0.00	-0.06	+0.00	+0.00	-12.50	-0.03
512	362	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.03

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
513	361	0	0 G	+1.25	-1.43	-3.08	-111.91	-6.99	+0.03
513	363	355	0 G	+1.25	-1.54	-3.07	-111.91	+6.99	+0.03
513		0	1 Q1	+0.41	+1.39	-1.41	-31.17	+0.19	+0.65
513		355	1 Q1	+0.41	-0.93	-2.07	-31.17	+0.19	+0.65
513		0	11 M1	+0.19	+0.58	-0.94	-16.92	+0.10	+0.30
513		355	11 M1	+0.19	-0.48	-1.30	-16.92	+0.10	+0.30
513		0	12 M2	-0.83	-1.07	-8.30	-27.33	-14.36	-0.28
513		355	12 M2	-0.83	-0.07	+2.69	-27.33	+25.64	-0.28
513		0	13 M3	+0.17	+1.29	-0.05	-14.19	+0.08	+0.46
513		355	13 M3	+0.17	-0.35	-0.33	-14.19	+0.08	+0.46
513		0	14 M4	+0.75	-1.51	+2.01	-31.63	-7.15	-0.31
513		355	14 M4	+0.75	-0.42	-11.42	-31.63	+12.85	-0.31
513		0	15 M5	+2.11	+0.92	-2.50	-35.01	+0.81	+0.29
513		355	15 M5	+2.11	-0.13	-5.38	-35.01	+0.81	+0.29
513		0	16 M6	+0.11	+0.31	-0.02	-7.76	+0.02	+0.15
513		355	16 M6	+0.11	-0.24	-0.08	-7.76	+0.02	+0.15
513		0	17 M7	+0.02	-0.17	+0.01	+0.35	-0.01	-0.05
513		355	17 M7	+0.02	-0.01	+0.05	+0.35	-0.01	-0.05
513	361	0	M+ A	+5.28	+2.01	+0.00	+0.00	+0.00	+1.51
513	363	355	M+ A	+5.28	+0.00	+0.96	+0.00	+48.09	+1.51
513	361	0	M- A	+0.00	-4.19	-18.08	-236.34	-30.98	-0.43
513	363	355	M- A	+0.00	-3.98	-23.46	-236.34	+0.00	-0.43
514	117	0	0 G	+0.00	+0.00	-0.00	+0.27	+36.24	-0.12
514	364	555	0 G	+0.00	+0.66	+181.29	+0.27	+23.77	-0.12
514		0	1 Q1	+0.00	+0.00	-0.00	+0.13	-0.47	-0.42
514		555	1 Q1	+0.00	+2.31	-2.62	+0.13	-0.47	-0.42
514		0	11 M1	+0.00	+0.00	-0.00	+0.08	-0.25	-0.20
514		555	11 M1	+0.00	+1.08	-1.38	+0.08	-0.25	-0.20
514		0	12 M2	+0.00	+0.00	-0.00	-0.01	+22.53	+0.16
514		555	12 M2	+0.00	-0.87	+125.05	-0.01	+22.53	+0.16
514		0	13 M3	+0.00	+0.00	-0.00	+0.05	-0.21	-0.27
514		555	13 M3	+0.00	+1.49	-1.16	+0.05	-0.21	-0.27
514		0	14 M4	+0.00	+0.00	-0.00	-0.03	+26.77	+0.14
514		555	14 M4	+0.00	-0.78	+148.56	-0.03	+26.77	+0.14
514		0	15 M5	+0.00	+0.00	-0.00	+0.13	+11.87	-0.17
514		555	15 M5	+0.00	+0.95	+65.87	+0.13	+11.87	-0.17
514		0	16 M6	+0.00	+0.00	-0.00	-0.00	-0.05	-0.09
514		555	16 M6	+0.00	+0.50	-0.27	-0.00	-0.05	-0.09
514		0	17 M7	+0.00	+0.00	-0.00	-0.01	+0.03	+0.03
514		555	17 M7	+0.00	-0.16	+0.16	-0.01	+0.03	+0.03
514	117	0	M+ A	+0.00	+0.00	-0.00	+0.73	+88.35	+0.11
514	364	555	M+ A	+0.00	+6.24	+463.95	+0.73	+71.77	+0.11
514	117	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.12
514	364	555	M- A	+0.00	-0.63	-0.00	+0.00	+0.00	-1.12
515	362	0	0 G	+1.22	-1.17	-3.14	-111.31	-6.99	-0.00
515	364	355	0 G	+1.22	-1.16	-3.14	-111.31	+6.99	-0.00
515		0	1 Q1	+0.46	-0.32	-1.43	-30.90	+0.19	-0.44
515		355	1 Q1	+0.46	+1.25	-2.09	-30.90	+0.19	-0.44
515		0	11 M1	+0.21	-0.21	-0.95	-16.83	+0.10	-0.21
515		355	11 M1	+0.21	+0.54	-1.31	-16.83	+0.10	-0.21
515		0	12 M2	+1.09	-0.43	-8.31	-27.29	-14.36	+0.16
515		355	12 M2	+1.09	-0.99	+2.68	-27.29	+25.64	+0.16
515		0	13 M3	+0.21	+0.06	-0.06	-14.04	+0.08	-0.28
515		355	13 M3	+0.21	+1.05	-0.34	-14.04	+0.08	-0.28
515		0	14 M4	-0.55	-0.97	+2.00	-31.72	-7.15	+0.09
515		355	14 M4	-0.55	-1.29	-11.44	-31.72	+12.85	+0.09
515		0	15 M5	-1.28	+0.47	-2.53	-34.88	+0.81	-0.05
515		355	15 M5	-1.28	+0.65	-5.40	-34.88	+0.81	-0.05
515		0	16 M6	+0.12	-0.19	-0.02	-7.55	+0.02	-0.13
515		355	16 M6	+0.12	+0.25	-0.08	-7.55	+0.02	-0.13
515		0	17 M7	+0.01	-0.07	+0.01	+0.41	-0.01	+0.02
515		355	17 M7	+0.01	-0.15	+0.05	+0.41	-0.01	+0.02
515	362	0	M+ A	+3.76	+0.00	+0.00	+0.00	+0.00	+0.24
515	364	355	M+ A	+3.76	+1.81	+0.88	+0.00	+48.08	+0.24
515	362	0	M- A	-0.69	-3.37	-18.21	-235.04	-30.98	-0.96
515	364	355	M- A	-0.69	-3.50	-23.58	-235.04	+0.00	-0.96
516	363	0	0 G	-0.00	-0.01	+181.14	+0.35	-9.40	-0.00
516	364	450	0 G	-0.00	+0.01	+181.13	+0.35	+9.41	-0.00
516		0	1 Q1	-0.00	-0.01	-2.54	+0.15	+0.00	-0.01
516		450	1 Q1	-0.00	+0.01	-2.54	+0.15	+0.00	-0.01
516		0	11 M1	-0.00	-0.01	-1.34	+0.08	+0.00	-0.00
516		450	11 M1	-0.00	+0.01	-1.34	+0.08	+0.00	-0.00
516		0	12 M2	-0.00	+0.01	+123.93	+0.01	+0.00	+0.00
516		450	12 M2	-0.00	-0.01	+123.92	+0.01	+0.00	+0.00
516		0	13 M3	-0.00	-0.01	-1.12	+0.06	-0.00	-0.00
516		450	13 M3	-0.00	+0.01	-1.12	+0.06	-0.00	-0.00
516		0	14 M4	-0.00	+0.01	+148.24	+0.02	+0.00	+0.00
516		450	14 M4	-0.00	-0.01	+148.23	+0.02	+0.00	+0.00
516		0	15 M5	-0.00	-0.02	+65.65	+0.13	+0.00	-0.01
516		450	15 M5	-0.00	+0.02	+65.65	+0.13	+0.00	-0.01
516		0	16 M6	-0.00	+0.00	-0.26	+0.01	-0.00	+0.00
516		450	16 M6	-0.00	-0.00	-0.26	+0.01	-0.00	+0.00
516		0	17 M7	-0.00	+0.00	+0.16	-0.01	-0.00	+0.00
516		450	17 M7	-0.00	-0.00	+0.16	-0.01	-0.00	+0.00
516	363	0	M+ A	+0.00	+0.00	+463.27	+0.87	+0.00	+0.00
516	364	450	M+ A	+0.00	+0.06	+463.25	+0.87	+12.52	+0.00
516	363	0	M- A	-0.00	-0.05	+0.00	+0.00	-12.51	-0.02
516	364	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.02
517	363	0	0 G	+1.23	-0.39	-3.07	-112.12	-7.36	-0.12
517	365	355	0 G	+1.23	+0.05	-1.77	-112.12	+6.62	-0.12
517		0	1 Q1	+0.52	+1.56	-2.07	-31.62	+0.66	+0.68
517		355	1 Q1	+0.52	-0.84	-4.43	-31.62	+0.66	+0.68
517		0	11 M1	+0.25	+0.68	-1.30	-17.12	+0.35	+0.30
517		355	11 M1	+0.25	-0.39	-2.55	-17.12	+0.35	+0.30
517		0	12 M2	-1.93	-0.89	+2.69	-27.19	+3.11	-0.34
517		355	12 M2	-1.93	+0.32	-8.35	-27.19	+3.11	-0.34
517		0	13 M3	+0.22	+1.22	-0.33	-14.47	+0.29	+0.50
517		355	13 M3	+0.22	-0.56	-1.37	-14.47	+0.29	+0.50
517		0	14 M4	+0.46	-1.16	-11.42	-31.50	-13.91	-0.39
517		355	14 M4	+0.46	+0.21	+0.33	-31.50	+5.69	-0.39
517		0	15 M5	+1.93	+0.99	-5.38	-35.20	-11.05	+0.31
517		355	15 M5	+1.93	-0.12	+4.85	-35.20	+8.95	+0.31
517		0	16 M6	+0.12	+0.30	-0.08	-7.86	+0.07	+0.16
517		355	16 M6	+0.12	-0.25	-0.33	-7.86	+0.07	+0.16
517		0	17 M7	+0.01	-0.16	+0.05	+0.37	-0.04	-0.06
517		355	17 M7	+0.01	+0.04	+0.19	+0.37	-0.04	-0.06
517	363	0	M+ A	+5.10	+3.23	+0.96	+0.00	+0.00	+1.42

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
517	365	355	M+ A	+5.10	+0.55	+5.51	+0.00	+23.06	+1.42
517	363	0	M- A	-1.66	-2.26	-23.46	-237.36	-30.80	-0.75
517	365	355	M- A	-1.66	-1.80	-19.56	-237.36	+0.00	-0.75
518	118	0	0 G	+0.00	+0.00	-0.00	-0.82	+35.66	-0.18
518	366	555	0 G	+0.00	+0.98	+178.07	-0.82	+23.19	-0.18
518		0	1 Q1	+0.00	+0.00	-0.00	-0.42	+0.01	-0.43
518		555	1 Q1	+0.00	+2.40	+0.07	-0.42	+0.01	-0.43
518		0	11 M1	+0.00	+0.00	-0.00	-0.20	+0.02	-0.20
518		555	11 M1	+0.00	+1.13	+0.13	-0.20	+0.02	-0.20
518		0	12 M2	+0.00	+0.00	-0.00	+0.03	+7.50	+0.14
518		555	12 M2	+0.00	-0.79	+41.60	+0.03	+7.50	+0.14
518		0	13 M3	+0.00	+0.00	-0.00	-0.23	-0.05	-0.28
518		555	13 M3	+0.00	+1.53	-0.25	-0.23	-0.05	-0.28
518		0	14 M4	+0.00	+0.00	-0.00	+0.07	+29.35	+0.12
518		555	14 M4	+0.00	-0.69	+162.87	+0.07	+29.35	+0.12
518		0	15 M5	+0.00	+0.00	-0.00	-0.46	+22.61	-0.19
518		555	15 M5	+0.00	+1.05	+125.50	-0.46	+22.61	-0.19
518		0	16 M6	+0.00	+0.00	-0.00	-0.03	-0.01	-0.09
518		555	16 M6	+0.00	+0.52	-0.06	-0.03	-0.01	-0.09
518		0	17 M7	+0.00	+0.00	-0.00	+0.03	+0.01	+0.03
518		555	17 M7	+0.00	-0.16	+0.03	+0.03	+0.01	+0.03
518	118	0	M+ A	+0.00	+0.00	-0.00	+0.00	+91.46	+0.04
518	366	555	M+ A	+0.00	+6.83	+481.24	+0.00	+74.88	+0.04
518	118	0	M- A	+0.00	+0.00	-0.00	-2.35	+0.00	-1.23
518	366	555	M- A	+0.00	-0.21	-0.00	-2.35	+0.00	-1.23
519	364	0	0 G	+1.39	-1.82	-3.14	-111.44	-7.37	-0.08
519	366	355	0 G	+1.39	-1.52	-1.77	-111.44	+6.60	-0.08
519		0	1 Q1	+0.38	-1.05	-2.09	-31.32	+0.66	-0.46
519		355	1 Q1	+0.38	+0.59	-4.42	-31.32	+0.66	-0.46
519		0	11 M1	+0.18	-0.53	-1.31	-17.02	+0.35	-0.22
519		355	11 M1	+0.18	+0.24	-2.55	-17.02	+0.35	-0.22
519		0	12 M2	+2.21	-0.13	+2.68	-27.13	+3.11	+0.14
519		355	12 M2	+2.21	-0.63	-8.35	-27.13	+3.11	+0.14
519		0	13 M3	+0.17	-0.43	-0.34	-14.31	+0.29	-0.28
519		355	13 M3	+0.17	+0.57	-1.36	-14.31	+0.29	-0.28
519		0	14 M4	-0.22	-0.52	-11.44	-31.57	-13.91	+0.05
519		355	14 M4	-0.22	-0.68	+0.32	-31.57	+5.69	+0.05
519		0	15 M5	-1.05	-0.28	-5.40	-35.06	-11.06	-0.05
519		355	15 M5	-1.05	-0.11	+4.85	-35.06	+8.94	-0.05
519		0	16 M6	+0.10	-0.25	-0.08	-7.64	+0.07	-0.13
519		355	16 M6	+0.10	+0.22	-0.31	-7.64	+0.07	-0.13
519		0	17 M7	+0.02	+0.01	+0.05	+0.44	-0.04	+0.02
519		355	17 M7	+0.02	-0.06	+0.20	+0.44	-0.04	+0.02
519	364	0	M+ A	+5.58	+0.00	+0.88	+0.00	+0.00	+0.13
519	366	355	M+ A	+5.58	+0.00	+5.50	+0.00	+23.02	+0.13
519	364	0	M- A	-0.19	-4.59	-23.59	-235.92	-30.82	-1.10
519	366	355	M- A	-0.19	-3.08	-19.56	-235.92	+0.00	-1.10
520	365	0	0 G	-0.00	+0.01	+178.10	+0.02	-9.41	+0.00
520	366	450	0 G	-0.00	-0.01	+178.12	+0.02	+9.40	+0.00
520		0	1 Q1	-0.00	-0.01	+0.09	-0.01	-0.00	-0.01
520		450	1 Q1	-0.00	+0.01	+0.10	-0.01	-0.00	-0.01
520		0	11 M1	-0.00	-0.01	+0.14	-0.00	-0.00	-0.00
520		450	11 M1	-0.00	+0.01	+0.14	-0.00	-0.00	-0.00
520		0	12 M2	-0.00	+0.01	+45.65	+0.03	-0.00	+0.00
520		450	12 M2	-0.00	-0.01	+45.65	+0.03	-0.00	+0.00
520		0	13 M3	-0.00	-0.01	-0.23	-0.01	-0.00	-0.01
520		450	13 M3	-0.00	+0.01	-0.22	-0.01	-0.00	-0.01
520		0	14 M4	-0.00	+0.01	+161.07	+0.04	+0.00	+0.01
520		450	14 M4	-0.00	-0.01	+161.07	+0.04	+0.00	+0.01
520		0	15 M5	-0.00	-0.02	+122.14	+0.01	-0.00	-0.01
520		450	15 M5	-0.00	+0.02	+122.15	+0.01	-0.00	-0.01
520		0	16 M6	-0.00	+0.00	-0.06	-0.01	-0.00	+0.00
520		450	16 M6	-0.00	-0.00	-0.05	-0.01	-0.00	+0.00
520		0	17 M7	-0.00	+0.00	+0.03	-0.00	-0.00	+0.00
520		450	17 M7	-0.00	-0.00	+0.03	-0.00	-0.00	+0.00
520	365	0	M+ A	+0.00	+0.03	+478.60	+0.09	+0.00	+0.01
520	366	450	M+ A	+0.00	+0.04	+478.63	+0.09	+12.51	+0.01
520	365	0	M- A	-0.00	-0.04	+0.00	-0.01	-12.52	-0.02
520	366	450	M- A	-0.00	-0.03	+0.00	-0.01	+0.00	-0.02
521	365	0	0 G	+1.26	+1.50	-1.77	-112.38	-7.16	+0.86
521	367	355	0 G	+1.26	-1.55	-1.18	-112.38	+6.82	+0.86
521		0	1 Q1	+0.55	+1.74	-4.43	-32.07	+0.65	+0.92
521		355	1 Q1	+0.55	-1.51	-6.75	-32.07	+0.65	+0.92
521		0	11 M1	+0.27	+0.82	-2.55	-17.34	+0.33	+0.44
521		355	11 M1	+0.27	-0.72	-3.72	-17.34	+0.33	+0.44
521		0	12 M2	+2.13	-0.43	-8.35	-27.06	-4.39	-0.19
521		355	12 M2	+2.13	+0.23	+7.22	-27.06	-4.39	-0.19
521		0	13 M3	+0.24	+1.05	-1.37	-14.75	+0.34	+0.55
521		355	13 M3	+0.24	-0.89	-2.56	-14.75	+0.34	+0.55
521		0	14 M4	-1.33	-0.45	+0.33	-31.39	-23.66	-0.16
521		355	14 M4	-1.33	+0.12	-9.58	-31.39	+15.54	-0.16
521		0	15 M5	-1.42	+1.10	+4.85	-35.41	-13.66	+0.57
521		355	15 M5	-1.42	-0.92	-10.64	-35.41	+6.34	+0.57
521		0	16 M6	+0.11	+0.31	-0.33	-7.97	+0.08	+0.16
521		355	16 M6	+0.11	-0.26	-0.61	-7.97	+0.08	+0.16
521		0	17 M7	+0.00	-0.11	+0.19	+0.40	-0.05	-0.06
521		355	17 M7	+0.00	+0.10	+0.36	+0.40	-0.05	-0.06
521	365	0	M+ A	+5.46	+5.79	+5.51	+0.00	+0.00	+3.13
521	367	355	M+ A	+5.46	+0.00	+9.65	+0.00	+33.21	+3.13
521	365	0	M- A	-0.87	+0.00	-19.56	-238.51	-45.14	+0.00
521	367	355	M- A	-0.87	-5.33	-24.64	-238.51	+0.00	+0.00
522	119	0	0 G	+0.00	+0.00	-0.00	+0.60	+35.35	-0.23
522	368	555	0 G	+0.00	+1.30	+176.34	+0.60	+22.88	-0.23
522		0	1 Q1	+0.00	+0.00	-0.00	+0.19	+0.71	-0.45
522		555	1 Q1	+0.00	+2.49	+3.97	+0.19	+0.71	-0.45
522		0	11 M1	+0.00	+0.00	-0.00	+0.09	+0.40	-0.21
522		555	11 M1	+0.00	+1.18	+2.20	+0.09	+0.40	-0.21
522		0	12 M2	+0.00	+0.00	-0.00	+0.08	+21.96	+0.13
522		555	12 M2	+0.00	-0.71	+121.87	+0.08	+21.96	+0.13
522		0	13 M3	+0.00	+0.00	-0.00	+0.08	+0.27	-0.28
522		555	13 M3	+0.00	+1.57	+1.49	+0.08	+0.27	-0.28
522		0	14 M4	+0.00	+0.00	-0.00	+0.11	+18.66	+0.11
522		555	14 M4	+0.00	-0.59	+103.56	+0.11	+18.66	+0.11
522		0	15 M5	+0.00	+0.00	-0.00	+0.25	+8.67	-0.21
522		555	15 M5	+0.00	+1.15	+48.13	+0.25	+8.67	-0.21
522		0	16 M6	+0.00	+0.00	-0.00	-0.00	+0.06	-0.10

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
522		555	16 M6	+0.00	+0.54	+0.33	-0.00	+0.06	-0.10
522		0	17 M7	+0.00	+0.00	-0.00	-0.01	-0.04	+0.03
522		555	17 M7	+0.00	-0.16	-0.22	-0.01	-0.04	+0.03
522	119	0	M+ A	+0.00	+0.00	-0.00	+1.43	+80.92	+0.00
522	368	555	M+ A	+0.00	+7.46	+422.70	+1.43	+64.33	+0.00
522	119	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.34
522	368	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.34
523	366	0	0 G	+1.34	-2.51	-1.77	-111.61	-7.18	-0.92
523	368	355	0 G	+1.34	+0.77	-1.08	-111.61	+6.79	-0.92
523		0	1 Q1	+0.35	-1.80	-4.43	-31.76	+0.64	-0.87
523		355	1 Q1	+0.35	+1.30	-6.71	-31.76	+0.64	-0.87
523		0	11 M1	+0.16	-0.88	-2.55	-17.23	+0.33	-0.42
523		355	11 M1	+0.16	+0.61	-3.70	-17.23	+0.33	-0.42
523		0	12 M2	-1.85	+0.15	-8.35	-26.98	-4.39	+0.14
523		355	12 M2	-1.85	-0.35	+7.23	-26.98	-4.39	+0.14
523		0	13 M3	+0.15	-0.95	-1.36	-14.59	+0.33	-0.50
523		355	13 M3	+0.15	+0.83	-2.54	-14.59	+0.33	-0.50
523		0	14 M4	+1.59	-0.01	+0.32	-31.44	-23.66	+0.08
523		355	14 M4	+1.59	-0.29	-9.58	-31.44	+15.54	+0.08
523		0	15 M5	+2.31	-1.14	+4.85	-35.26	-13.67	-0.52
523		355	15 M5	+2.31	+0.69	-10.62	-35.26	+6.33	-0.52
523		0	16 M6	+0.08	-0.30	-0.31	-7.73	+0.07	-0.16
523		355	16 M6	+0.08	+0.25	-0.58	-7.73	+0.07	-0.16
523		0	17 M7	+0.01	+0.09	+0.20	+0.48	-0.05	+0.05
523		355	17 M7	+0.01	-0.09	+0.37	+0.48	-0.05	+0.05
523	366	0	M+ A	+5.64	+0.00	+5.50	+0.00	+0.00	+0.00
523	368	355	M+ A	+5.64	+3.87	+9.76	+0.00	+33.16	+0.00
523	366	0	M- A	-1.42	-7.27	-19.57	-236.91	-45.18	-3.10
523	368	355	M- A	-1.42	+0.00	-24.44	-236.91	+0.00	-3.10
524	367	0	0 G	-0.00	+0.01	+176.50	+0.51	-9.42	+0.01
524	368	450	0 G	-0.00	-0.02	+176.54	+0.51	+9.40	+0.01
524		0	1 Q1	-0.00	-0.01	+3.83	+0.15	-0.00	-0.00
524		450	1 Q1	-0.00	+0.01	+3.85	+0.15	-0.00	-0.00
524		0	11 M1	-0.00	-0.00	+2.12	+0.07	-0.00	-0.00
524		450	11 M1	-0.00	+0.00	+2.12	+0.07	-0.00	-0.00
524		0	12 M2	-0.00	+0.01	+120.86	+0.09	-0.00	+0.01
524		450	12 M2	-0.00	-0.01	+120.87	+0.09	-0.00	+0.01
524		0	13 M3	-0.00	-0.01	+1.44	+0.06	-0.00	-0.00
524		450	13 M3	-0.00	+0.01	+1.45	+0.06	-0.00	-0.00
524		0	14 M4	-0.00	+0.01	+105.82	+0.12	+0.00	+0.01
524		450	14 M4	-0.00	-0.01	+105.81	+0.12	+0.00	+0.01
524		0	15 M5	-0.00	-0.02	+51.63	+0.21	-0.00	-0.01
524		450	15 M5	-0.00	+0.02	+51.63	+0.21	-0.00	-0.01
524		0	16 M6	-0.00	+0.01	+0.33	-0.01	-0.00	+0.00
524		450	16 M6	-0.00	-0.01	+0.34	-0.01	-0.00	+0.00
524		0	17 M7	-0.00	+0.00	-0.21	-0.01	-0.00	+0.00
524		450	17 M7	-0.00	-0.00	-0.20	-0.01	-0.00	+0.00
524	367	0	M+ A	+0.00	+0.04	+421.22	+1.19	+0.00	+0.02
524	368	450	M+ A	+0.00	+0.02	+421.30	+1.19	+12.50	+0.02
524	367	0	M- A	-0.00	-0.03	+0.00	+0.00	-12.53	-0.01
524	368	450	M- A	-0.00	-0.05	+0.00	+0.00	+0.00	-0.01
525	367	0	0 G	+1.24	+0.21	-1.18	-112.71	-6.67	+1.15
525	369	355	0 G	+1.24	-3.87	-2.30	-112.71	+7.31	+1.15
525		0	1 Q1	+0.34	+1.16	-6.75	-32.55	-0.07	+1.01
525		355	1 Q1	+0.34	-2.42	-6.50	-32.55	-0.07	+1.01
525		0	11 M1	+0.16	+0.54	-3.72	-17.56	-0.07	+0.48
525		355	11 M1	+0.16	-1.17	-3.47	-17.56	-0.07	+0.48
525		0	12 M2	+1.10	-0.44	+7.22	-26.95	-6.35	-0.14
525		355	12 M2	+1.10	+0.07	-5.25	-26.95	+13.65	-0.14
525		0	13 M3	+0.15	+0.77	-2.56	-15.04	+0.06	+0.59
525		355	13 M3	+0.15	-1.31	-2.78	-15.04	+0.06	+0.59
525		0	14 M4	+0.94	-0.46	-9.58	-31.29	-3.11	-0.11
525		355	14 M4	+0.94	-0.07	+1.47	-31.29	-3.11	-0.11
525		0	15 M5	+2.04	+0.41	-10.64	-35.64	-2.34	+0.66
525		355	15 M5	+2.04	-1.94	-2.34	-35.64	-2.34	+0.66
525		0	16 M6	+0.06	+0.32	-0.61	-8.07	+0.01	+0.18
525		355	16 M6	+0.06	-0.32	-0.66	-8.07	+0.01	+0.18
525		0	17 M7	+0.00	-0.06	+0.36	+0.42	-0.01	-0.06
525		355	17 M7	+0.00	+0.15	+0.39	+0.42	-0.01	-0.06
525	367	0	M+ A	+5.10	+2.83	+9.65	+0.00	+0.00	+3.76
525	369	355	M+ A	+5.10	+0.00	+0.00	+0.00	+30.34	+3.76
525	367	0	M- A	+0.00	-0.48	-24.64	-239.79	-18.60	+0.00
525	369	355	M- A	+0.00	-10.90	-18.36	-239.79	+0.00	+0.00
526	120	0	0 G	+0.00	+0.00	-0.00	+2.15	+35.69	-0.29
526	370	555	0 G	+0.00	+1.62	+178.23	+2.15	+23.22	-0.29
526		0	1 Q1	+0.00	+0.00	-0.00	+0.83	+0.27	-0.47
526		555	1 Q1	+0.00	+2.58	+1.47	+0.83	+0.27	-0.47
526		0	11 M1	+0.00	+0.00	-0.00	+0.41	+0.13	-0.22
526		555	11 M1	+0.00	+1.23	+0.74	+0.41	+0.13	-0.22
526		0	12 M2	+0.00	+0.00	-0.00	+0.16	+28.72	+0.11
526		555	12 M2	+0.00	-0.63	+159.39	+0.16	+28.72	+0.11
526		0	13 M3	+0.00	+0.00	-0.00	+0.39	+0.14	-0.29
526		555	13 M3	+0.00	+1.61	+0.79	+0.39	+0.14	-0.29
526		0	14 M4	+0.00	+0.00	-0.00	+0.17	+24.66	+0.09
526		555	14 M4	+0.00	-0.51	+136.87	+0.17	+24.66	+0.09
526		0	15 M5	+0.00	+0.00	-0.00	+0.99	+20.42	-0.23
526		555	15 M5	+0.00	+1.25	+113.31	+0.99	+20.42	-0.23
526		0	16 M6	+0.00	+0.00	-0.00	+0.04	+0.03	-0.10
526		555	16 M6	+0.00	+0.56	+0.16	+0.04	+0.03	-0.10
526		0	17 M7	+0.00	+0.00	-0.00	-0.05	-0.02	+0.03
526		555	17 M7	+0.00	-0.16	-0.12	-0.05	-0.02	+0.03
526	120	0	M+ A	+0.00	+0.00	-0.00	+5.47	+90.90	+0.00
526	370	555	M+ A	+0.00	+8.07	+478.11	+5.47	+74.32	+0.00
526	120	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.45
526	370	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-1.45
527	368	0	0 G	+1.14	-0.55	-1.08	-111.84	-6.69	-0.83
527	370	355	0 G	+1.14	+2.41	-2.16	-111.84	+7.29	-0.83
527		0	1 Q1	+0.46	-1.18	-6.71	-32.21	-0.07	-0.83
527		355	1 Q1	+0.46	+1.77	-6.45	-32.21	-0.07	-0.83
527		0	11 M1	+0.24	-0.57	-3.70	-17.45	-0.07	-0.40
527		355	11 M1	+0.24	+0.85	-3.45	-17.45	-0.07	-0.40
527		0	12 M2	-0.84	+0.35	+7.23	-26.85	-6.35	+0.13
527		355	12 M2	-0.84	-0.12	-5.23	-26.85	+13.65	+0.13
527		0	13 M3	+0.19	-0.73	-2.54	-14.88	+0.06	-0.48
527		355	13 M3	+0.19	+0.97	-2.76	-14.88	+0.06	-0.48
527		0	14 M4	-0.67	+0.29	-9.59	-31.33	-3.12	+0.07

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
527		355	14 M4	-0.67	+0.02	+1.47	-31.33	-3.12	+0.07
527		0	15 M5	-1.20	-0.44	-10.62	-35.47	-2.34	-0.48
527		355	15 M5	-1.20	+1.24	-2.30	-35.47	-2.34	-0.48
527		0	16 M6	+0.07	-0.29	-0.58	-7.82	+0.01	-0.15
527		355	16 M6	+0.07	+0.25	-0.63	-7.82	+0.01	-0.15
527		0	17 M7	-0.00	+0.07	+0.37	+0.51	-0.01	+0.05
527		355	17 M7	-0.00	-0.11	+0.40	+0.51	-0.01	+0.05
527	368	0	M+ A	+2.49	+0.00	+9.76	+0.00	+0.00	+0.00
527	370	355	M+ A	+2.49	+7.21	+0.06	+0.00	+30.32	+0.00
527	368	0	M- A	-0.65	-3.28	-24.45	-238.01	-18.63	-2.87
527	370	355	M- A	-0.65	+0.00	-18.07	-238.01	+0.00	-2.87
528	369	0	0 G	-0.00	+0.03	+178.35	+0.57	-9.43	+0.01
528	370	450	0 G	-0.00	-0.02	+178.44	+0.57	+9.39	+0.01
528		0	1 Q1	-0.00	-0.00	+1.50	+0.17	-0.01	-0.00
528		450	1 Q1	-0.00	+0.01	+1.53	+0.17	-0.01	-0.00
528		0	11 M1	-0.00	-0.00	+0.76	+0.09	-0.00	-0.00
528		450	11 M1	-0.00	+0.00	+0.77	+0.09	-0.00	-0.00
528		0	12 M2	-0.00	+0.01	+157.44	+0.09	-0.00	+0.01
528		450	12 M2	-0.00	-0.01	+157.45	+0.09	-0.00	+0.01
528		0	13 M3	-0.00	-0.01	+0.79	+0.07	-0.00	-0.00
528		450	13 M3	-0.00	+0.01	+0.81	+0.07	-0.00	-0.00
528		0	14 M4	-0.00	+0.01	+136.24	+0.10	-0.00	+0.01
528		450	14 M4	-0.00	-0.01	+136.24	+0.10	-0.00	+0.01
528		0	15 M5	-0.00	-0.01	+112.94	+0.22	-0.00	-0.01
528		450	15 M5	-0.00	+0.02	+112.96	+0.22	-0.00	-0.01
528		0	16 M6	-0.00	+0.01	+0.17	+0.02	-0.00	+0.00
528		450	16 M6	-0.00	-0.01	+0.19	+0.02	-0.00	+0.00
528		0	17 M7	+0.00	+0.00	-0.11	-0.00	-0.00	+0.00
528		450	17 M7	+0.00	-0.00	-0.11	-0.00	-0.00	+0.00
528	369	0	M+ A	+0.00	+0.06	+475.39	+1.32	+0.00	+0.02
528	370	450	M+ A	+0.00	+0.01	+475.57	+1.32	+12.49	+0.02
528	369	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.55	-0.00
528	370	450	M- A	-0.00	-0.05	+0.00	+0.00	+0.00	-0.00
529	369	0	0 G	+1.10	-1.80	-2.30	-113.10	-6.53	+0.39
529	371	355	0 G	+1.10	-3.17	-3.91	-113.10	+7.44	+0.39
529		0	1 Q1	+0.28	+0.33	-6.50	-33.04	-0.35	+0.86
529		355	1 Q1	+0.28	-2.73	-5.27	-33.04	-0.35	+0.86
529		0	11 M1	+0.14	+0.14	-3.47	-17.80	-0.21	+0.40
529		355	11 M1	+0.14	-1.29	-2.73	-17.80	-0.21	+0.40
529		0	12 M2	-0.88	-0.53	-5.25	-26.85	-15.07	-0.27
529		355	12 M2	-0.88	+0.43	+1.85	-26.85	+24.93	-0.27
529		0	13 M3	+0.12	+0.39	-2.78	-15.34	-0.08	+0.59
529		355	13 M3	+0.12	-1.69	-2.49	-15.34	-0.08	+0.59
529		0	14 M4	+0.30	-0.56	+1.47	-31.21	-8.18	-0.33
529		355	14 M4	+0.30	+0.62	+0.70	-31.21	+11.42	-0.33
529		0	15 M5	+1.61	-0.52	-2.34	-35.89	-22.76	+0.43
529		355	15 M5	+1.61	-2.06	-9.53	-35.89	+17.24	+0.43
529		0	16 M6	+0.03	+0.28	-0.66	-8.19	-0.02	+0.24
529		355	16 M6	+0.03	-0.57	-0.59	-8.19	-0.02	+0.24
529		0	17 M7	-0.01	-0.01	+0.39	+0.45	+0.01	-0.04
529		355	17 M7	-0.01	+0.15	+0.35	+0.45	+0.01	-0.04
529	369	0	M+ A	+4.19	+0.00	+0.00	+0.00	+0.00	+2.43
529	371	355	M+ A	+4.19	+0.00	+0.00	+0.00	+47.45	+2.43
529	369	0	M- A	-0.22	-3.27	-18.36	-241.21	-43.33	-0.11
529	371	355	M- A	-0.22	-10.55	-25.11	-241.21	+0.00	-0.11
530	121	0	0 G	+0.00	+0.00	-0.00	-1.36	+36.27	-0.35
530	372	555	0 G	+0.00	+1.93	+181.45	-1.36	+23.80	-0.35
530		0	1 Q1	+0.00	+0.00	-0.00	-0.51	-0.19	-0.48
530		555	1 Q1	+0.00	+2.68	-1.03	-0.51	-0.19	-0.48
530		0	11 M1	+0.00	+0.00	-0.00	-0.24	-0.12	-0.23
530		555	11 M1	+0.00	+1.28	-0.65	-0.24	-0.12	-0.23
530		0	12 M2	+0.00	+0.00	-0.00	-0.10	+21.77	+0.10
530		555	12 M2	+0.00	-0.56	+120.81	-0.10	+21.77	+0.10
530		0	13 M3	+0.00	+0.00	-0.00	-0.23	-0.03	-0.30
530		555	13 M3	+0.00	+1.66	-0.16	-0.23	-0.03	-0.30
530		0	14 M4	+0.00	+0.00	-0.00	-0.14	+26.26	+0.08
530		555	14 M4	+0.00	-0.42	+145.73	-0.14	+26.26	+0.08
530		0	15 M5	+0.00	+0.00	-0.00	-0.63	+29.12	-0.24
530		555	15 M5	+0.00	+1.35	+161.60	-0.63	+29.12	-0.24
530		0	16 M6	+0.00	+0.00	-0.00	+0.01	-0.01	-0.11
530		555	16 M6	+0.00	+0.58	-0.05	+0.01	-0.01	-0.11
530		0	17 M7	+0.00	+0.00	-0.00	+0.04	+0.00	+0.03
530		555	17 M7	+0.00	-0.16	+0.01	+0.04	+0.00	+0.03
530	121	0	M+ A	+0.00	+0.00	-0.00	+0.00	+91.91	+0.00
530	372	555	M+ A	+0.00	+8.67	+483.72	+0.00	+75.33	+0.00
530	121	0	M- A	+0.00	+0.00	-0.00	-3.44	+0.00	-1.56
530	372	555	M- A	+0.00	+0.00	-0.00	-3.44	+0.00	-1.56
531	370	0	0 G	+0.94	+0.76	-2.16	-112.12	-6.54	+0.75
531	372	355	0 G	+0.94	-1.90	-3.75	-112.12	+7.44	+0.75
531		0	1 Q1	+0.41	-0.80	-6.45	-32.68	-0.35	-0.18
531		355	1 Q1	+0.41	-0.18	-5.22	-32.68	-0.35	-0.18
531		0	11 M1	+0.21	-0.37	-3.45	-17.67	-0.21	-0.09
531		355	11 M1	+0.21	-0.06	-2.71	-17.67	-0.21	-0.09
531		0	12 M2	+1.10	+0.50	-5.23	-26.73	-15.07	+0.20
531		355	12 M2	+1.10	-0.23	+1.87	-26.73	+24.93	+0.20
531		0	13 M3	+0.17	-0.64	-2.76	-15.18	-0.08	-0.16
531		355	13 M3	+0.17	-0.06	-2.46	-15.18	-0.08	-0.16
531		0	14 M4	-0.04	+0.52	+1.47	-31.23	-8.18	+0.15
531		355	14 M4	-0.04	-0.02	+0.71	-31.23	+11.42	+0.15
531		0	15 M5	-0.85	+0.01	-2.30	-35.70	-22.77	+0.30
531		355	15 M5	-0.85	-1.05	-9.48	-35.70	+17.23	+0.30
531		0	16 M6	+0.04	-0.32	-0.63	-7.92	-0.02	-0.13
531		355	16 M6	+0.04	+0.16	-0.56	-7.92	-0.02	-0.13
531		0	17 M7	-0.02	+0.05	+0.40	+0.54	+0.01	+0.00
531		355	17 M7	-0.02	+0.04	+0.36	+0.54	+0.01	+0.00
531	370	0	M+ A	+3.34	+1.80	+0.05	+0.00	+0.00	+1.46
531	372	355	M+ A	+3.34	+0.00	+0.00	+0.00	+47.44	+1.46
531	370	0	M- A	-0.35	-1.11	-18.07	-239.23	-43.34	+0.00
531	372	355	M- A	-0.35	-4.33	-24.76	-239.23	+0.00	+0.00
532	371	0	0 G	-0.00	+0.06	+181.44	-0.81	-9.43	+0.02
532	372	450	0 G	-0.00	-0.04	+181.54	-0.81	+9.39	+0.02
532		0	1 Q1	-0.00	+0.01	-0.96	-0.30	-0.01	+0.00
532		450	1 Q1	-0.00	-0.00	-0.92	-0.30	-0.01	+0.00
532		0	11 M1	-0.00	+0.00	-0.61	-0.14	-0.00	+0.00
532		450	11 M1	-0.00	-0.00	-0.60	-0.14	-0.00	+0.00
532		0	12 M2	-0.00	+0.01	+120.04	-0.06	-0.00	+0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
532		450	12 M2	-0.00	-0.01	+120.05	-0.06	-0.00	+0.01
532		0	13 M3	-0.00	-0.00	-0.14	-0.13	-0.00	-0.00
532		450	13 M3	-0.00	+0.00	-0.12	-0.13	-0.00	-0.00
532		0	14 M4	-0.00	+0.01	+142.76	-0.11	-0.00	+0.01
532		450	14 M4	-0.00	-0.01	+142.77	-0.11	-0.00	+0.01
532		0	15 M5	-0.00	+0.00	+159.60	-0.38	-0.01	-0.00
532		450	15 M5	-0.00	+0.01	+159.62	-0.38	-0.01	-0.00
532		0	16 M6	-0.00	+0.01	-0.03	+0.04	-0.00	+0.00
532		450	16 M6	-0.00	-0.01	-0.02	+0.04	-0.00	+0.00
532		0	17 M7	+0.00	+0.00	+0.01	+0.03	-0.00	+0.00
532		450	17 M7	+0.00	-0.00	+0.02	+0.03	-0.00	+0.00
532	371	0	M+ A	+0.00	+0.11	+480.71	+0.00	+0.00	+0.04
532	372	450	M+ A	+0.00	+0.00	+480.88	+0.00	+12.48	+0.04
532	371	0	M- A	-0.00	+0.00	+0.00	-2.05	-12.56	+0.00
532	372	450	M- A	-0.00	-0.08	+0.00	-2.05	+0.00	+0.00
533	371	0	0 G	+0.80	-0.85	-3.91	-113.55	-6.98	+0.47
533	373	355	0 G	+0.80	-2.52	-3.94	-113.55	+7.00	+0.47
533		0	1 Q1	+0.25	+0.09	-5.27	-33.56	-0.17	+0.83
533		355	1 Q1	+0.25	-2.84	-4.67	-33.56	-0.17	+0.83
533		0	11 M1	+0.14	+0.06	-2.73	-18.04	-0.09	+0.39
533		355	11 M1	+0.14	-1.32	-2.40	-18.04	-0.09	+0.39
533		0	12 M2	-1.69	-0.09	+1.85	-26.76	+3.16	-0.23
533		355	12 M2	-1.69	+0.71	-9.37	-26.76	+3.16	-0.23
533		0	13 M3	+0.09	+0.04	-2.49	-15.65	-0.06	+0.55
533		355	13 M3	+0.09	-1.91	-2.27	-15.65	-0.06	+0.55
533		0	14 M4	-2.68	+0.22	+0.70	-31.15	-14.84	-0.26
533		355	14 M4	-2.68	+1.16	-5.82	-31.15	+4.76	-0.26
533		0	15 M5	-0.47	-0.57	-9.53	-36.15	-11.89	+0.44
533		355	15 M5	-0.47	-2.12	+0.48	-36.15	+8.11	+0.44
533		0	16 M6	-0.00	+0.05	-0.59	-8.31	-0.01	+0.22
533		355	16 M6	-0.00	-0.72	-0.54	-8.31	-0.01	+0.22
533		0	17 M7	-0.02	-0.01	+0.35	+0.47	+0.01	-0.04
533		355	17 M7	-0.02	+0.14	+0.32	+0.47	+0.01	-0.04
533	371	0	M+ A	+1.59	+0.00	+0.00	+0.00	+0.00	+2.45
533	373	355	M+ A	+1.59	+0.00	+0.00	+0.00	+21.61	+2.45
533	371	0	M- A	-3.22	-1.99	-25.11	-242.76	-31.86	+0.00
533	373	355	M- A	-3.22	-9.89	-24.28	-242.76	+0.00	+0.00
534	122	0	0 G	+0.00	+0.00	-0.00	-3.62	+36.10	-0.32
534	374	555	0 G	+0.00	+1.78	+180.49	-3.62	+23.63	-0.32
534		0	1 Q1	+0.00	+0.00	-0.00	-1.38	-0.35	-0.44
534		555	1 Q1	+0.00	+2.42	-1.95	-1.38	-0.35	-0.44
534		0	11 M1	+0.00	+0.00	-0.00	-0.67	-0.19	-0.21
534		555	11 M1	+0.00	+1.16	-1.06	-0.67	-0.19	-0.21
534		0	12 M2	+0.00	+0.00	-0.00	-0.27	+8.87	+0.09
534		555	12 M2	+0.00	-0.50	+49.21	-0.27	+8.87	+0.09
534		0	13 M3	+0.00	+0.00	-0.00	-0.64	-0.15	-0.27
534		555	13 M3	+0.00	+1.50	-0.82	-0.64	-0.15	-0.27
534		0	14 M4	+0.00	+0.00	-0.00	-0.32	+6.30	+0.07
534		555	14 M4	+0.00	-0.40	+34.94	-0.32	+6.30	+0.07
534		0	15 M5	+0.00	+0.00	-0.00	-1.66	+23.57	-0.22
534		555	15 M5	+0.00	+1.22	+130.84	-1.66	+23.57	-0.22
534		0	16 M6	+0.00	+0.00	-0.00	-0.03	-0.03	-0.10
534		555	16 M6	+0.00	+0.56	-0.19	-0.03	-0.03	-0.10
534		0	17 M7	+0.00	+0.00	-0.00	+0.09	+0.02	+0.02
534		555	17 M7	+0.00	-0.13	+0.10	+0.09	+0.02	+0.02
534	122	0	M+ A	+0.00	+0.00	-0.00	+0.00	+83.37	+0.00
534	374	555	M+ A	+0.00	+7.88	+436.31	+0.00	+66.79	+0.00
534	122	0	M- A	+0.00	+0.00	-0.00	-9.17	+0.00	-1.42
534	374	555	M- A	+0.00	+0.00	-0.00	-9.17	+0.00	-1.42
535	372	0	0 G	+0.84	-3.87	-3.75	-112.45	-6.98	+0.20
535	374	355	0 G	+0.84	-4.57	-3.79	-112.45	+7.00	+0.20
535		0	1 Q1	+0.29	-2.86	-5.22	-33.16	-0.17	-0.38
535		355	1 Q1	+0.29	-1.51	-4.62	-33.16	-0.17	-0.38
535		0	11 M1	+0.16	-1.34	-2.71	-17.90	-0.09	-0.19
535		355	11 M1	+0.16	-0.68	-2.38	-17.90	-0.09	-0.19
535		0	12 M2	+1.86	+0.32	+1.87	-26.62	+3.16	+0.16
535		355	12 M2	+1.86	-0.25	-9.35	-26.62	+3.16	+0.16
535		0	13 M3	+0.13	-1.71	-2.46	-15.48	-0.06	-0.26
535		355	13 M3	+0.13	-0.78	-2.25	-15.48	-0.06	-0.26
535		0	14 M4	+2.92	+0.39	+0.71	-31.15	-14.84	+0.12
535		355	14 M4	+2.92	-0.03	-5.82	-31.15	+4.76	+0.12
535		0	15 M5	+1.12	-2.40	-9.48	-35.95	-11.89	+0.05
535		355	15 M5	+1.12	-2.57	+0.52	-35.95	+8.11	+0.05
535		0	16 M6	+0.00	-0.43	-0.56	-8.02	-0.01	-0.16
535		355	16 M6	+0.00	+0.14	-0.51	-8.02	-0.01	-0.16
535		0	17 M7	-0.02	+0.20	+0.36	+0.57	+0.01	+0.01
535		355	17 M7	-0.02	+0.16	+0.33	+0.57	+0.01	+0.01
535	372	0	M+ A	+5.84	+0.00	+0.00	+0.00	+0.00	+0.50
535	374	355	M+ A	+5.84	+0.00	+0.00	+0.00	+21.62	+0.50
535	372	0	M- A	+0.00	-12.04	-24.76	-240.54	-31.85	-0.65
535	374	355	M- A	+0.00	-11.60	-24.00	-240.54	+0.00	-0.65
536	373	0	0 G	-0.00	+0.09	+180.52	-1.95	-9.44	+0.04
536	374	450	0 G	-0.00	-0.09	+180.66	-1.95	+9.38	+0.04
536		0	1 Q1	-0.00	+0.03	-1.85	-0.73	-0.01	+0.01
536		450	1 Q1	-0.00	-0.03	-1.80	-0.73	-0.01	+0.01
536		0	11 M1	-0.00	+0.01	-1.01	-0.36	-0.00	+0.01
536		450	11 M1	-0.00	-0.01	-0.99	-0.36	-0.00	+0.01
536		0	12 M2	-0.00	+0.01	+52.77	-0.17	-0.00	+0.01
536		450	12 M2	-0.00	-0.01	+52.78	-0.17	-0.00	+0.01
536		0	13 M3	-0.00	+0.01	-0.77	-0.31	-0.00	+0.01
536		450	13 M3	-0.00	-0.01	-0.75	-0.31	-0.00	+0.01
536		0	14 M4	-0.00	+0.01	+36.65	-0.24	-0.00	+0.00
536		450	14 M4	-0.00	-0.01	+36.65	-0.24	-0.00	+0.00
536		0	15 M5	-0.00	+0.02	+129.46	-0.85	-0.01	+0.01
536		450	15 M5	-0.00	-0.02	+129.49	-0.85	-0.01	+0.01
536		0	16 M6	+0.00	+0.01	-0.17	-0.00	-0.00	+0.01
536		450	16 M6	+0.00	-0.01	-0.15	-0.00	-0.00	+0.01
536		0	17 M7	+0.00	+0.00	+0.10	+0.05	-0.00	+0.00
536		450	17 M7	+0.00	-0.00	+0.10	+0.05	-0.00	+0.00
536	373	0	M+ A	+0.00	+0.21	+434.28	+0.00	+0.00	+0.09
536	374	450	M+ A	+0.00	+0.00	+434.51	+0.00	+12.47	+0.09
536	373	0	M- A	-0.00	+0.00	+0.00	-4.85	-12.58	+0.00
536	374	450	M- A	-0.00	-0.19	+0.00	-4.85	+0.00	+0.00
537	373	0	0 G	+0.58	-0.47	-3.94	-113.98	-7.24	+0.89
537	375	355	0 G	+0.58	-3.62	-3.05	-113.98	+6.74	+0.89
537		0	1 Q1	+0.27	-0.33	-4.67	-34.03	+0.18	+0.74

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
537		355	1 Q1	+0.27	-2.95	-5.30	-34.03	+0.18	+0.74
537		0	11 M1	+0.15	-0.12	-2.40	-18.27	+0.09	+0.36
537		355	11 M1	+0.15	-1.40	-2.73	-18.27	+0.09	+0.36
537		0	12 M2	+1.83	+0.25	-9.37	-26.68	-5.71	-0.06
537		355	12 M2	+1.83	+0.47	+7.70	-26.68	+14.29	-0.06
537		0	13 M3	+0.11	-0.37	-2.27	-15.94	+0.09	+0.41
537		355	13 M3	+0.11	-1.84	-2.58	-15.94	+0.09	+0.41
537		0	14 M4	-0.98	+0.78	-5.82	-31.08	-1.53	+0.00
537		355	14 M4	-0.98	+0.77	-0.39	-31.08	-1.53	+0.00
537		0	15 M5	-1.92	-0.83	+0.48	-36.40	-15.47	+0.47
537		355	15 M5	-1.92	-2.49	-11.82	-36.40	+4.53	+0.47
537		0	16 M6	-0.02	-0.14	-0.54	-8.42	+0.02	+0.12
537		355	16 M6	-0.02	-0.57	-0.60	-8.42	+0.02	+0.12
537		0	17 M7	-0.03	+0.01	+0.32	+0.49	-0.01	-0.05
537		355	17 M7	-0.03	+0.17	+0.36	+0.49	-0.01	-0.05
537	373	0	M+ A	+3.81	+0.70	+0.00	+0.00	+0.00	+2.79
537	375	355	M+ A	+3.81	+0.00	+8.50	+0.00	+30.72	+2.79
537	373	0	M- A	-2.30	-2.22	-24.28	-244.20	-32.97	+0.00
537	375	355	M- A	-2.30	-11.92	-27.40	-244.20	+0.00	+0.00
538	123	0	0 G	+0.00	+0.00	-0.00	-1.40	+35.71	-0.29
538	376	555	0 G	+0.00	+1.63	+178.33	-1.40	+23.24	-0.29
538		0	1 Q1	+0.00	+0.00	-0.00	-0.56	+0.07	-0.39
538		555	1 Q1	+0.00	+2.16	+0.41	-0.56	+0.07	-0.39
538		0	11 M1	+0.00	+0.00	-0.00	-0.28	+0.04	-0.19
538		555	11 M1	+0.00	+1.04	+0.22	-0.28	+0.04	-0.19
538		0	12 M2	+0.00	+0.00	-0.00	-0.10	+22.14	+0.08
538		555	12 M2	+0.00	-0.43	+122.89	-0.10	+22.14	+0.08
538		0	13 M3	+0.00	+0.00	-0.00	-0.26	+0.03	-0.24
538		555	13 M3	+0.00	+1.34	+0.19	-0.26	+0.03	-0.24
538		0	14 M4	+0.00	+0.00	-0.00	-0.08	-1.08	+0.07
538		555	14 M4	+0.00	-0.38	-6.00	-0.08	-1.08	+0.07
538		0	15 M5	+0.00	+0.00	-0.00	-0.62	+7.65	-0.20
538		555	15 M5	+0.00	+1.08	+42.48	-0.62	+7.65	-0.20
538		0	16 M6	+0.00	+0.00	-0.00	-0.07	+0.01	-0.10
538		555	16 M6	+0.00	+0.54	+0.03	-0.07	+0.01	-0.10
538		0	17 M7	+0.00	+0.00	-0.00	+0.02	-0.01	+0.02
538		555	17 M7	+0.00	-0.10	-0.04	+0.02	-0.01	+0.02
538	123	0	M+ A	+0.00	+0.00	-0.00	+0.00	+80.80	+0.00
538	376	555	M+ A	+0.00	+7.09	+422.08	+0.00	+64.22	+0.00
538	123	0	M- A	+0.00	+0.00	-0.00	-3.54	+0.00	-1.28
538	376	555	M- A	+0.00	+0.00	-0.00	-3.54	+0.00	-1.28
539	374	0	0 G	+0.68	-6.44	-3.79	-112.73	-7.25	-1.47
539	376	355	0 G	+0.68	-1.21	-2.87	-112.73	+6.73	-1.47
539		0	1 Q1	+0.14	-3.95	-4.62	-33.58	+0.17	-1.04
539		355	1 Q1	+0.14	-0.28	-5.24	-33.58	+0.17	-1.04
539		0	11 M1	+0.09	-1.86	-2.38	-18.10	+0.09	-0.50
539		355	11 M1	+0.09	-0.10	-2.71	-18.10	+0.09	-0.50
539		0	12 M2	-1.71	+0.24	-9.35	-26.53	-5.71	+0.06
539		355	12 M2	-1.71	+0.02	+7.72	-26.53	+14.29	+0.06
539		0	13 M3	+0.06	-2.29	-2.25	-15.74	+0.08	-0.58
539		355	13 M3	+0.06	-0.21	-2.55	-15.74	+0.08	-0.58
539		0	14 M4	+1.21	+0.36	-5.82	-31.08	-1.53	+0.04
539		355	14 M4	+1.21	+0.22	-0.38	-31.08	-1.53	+0.04
539		0	15 M5	+2.46	-3.81	+0.52	-36.16	-15.47	-0.77
539		355	15 M5	+2.46	-1.09	-11.77	-36.16	+4.53	-0.77
539		0	16 M6	-0.04	-0.44	-0.51	-8.12	+0.02	-0.19
539		355	16 M6	-0.04	+0.24	-0.57	-8.12	+0.02	-0.19
539		0	17 M7	-0.03	+0.29	+0.33	+0.59	-0.01	+0.05
539		355	17 M7	-0.03	+0.11	+0.36	+0.59	-0.01	+0.05
539	374	0	M+ A	+4.77	+0.00	+0.00	+0.00	+0.00	+0.00
539	376	355	M+ A	+4.77	+0.00	+8.70	+0.00	+30.70	+0.00
539	374	0	M- A	-1.87	-18.62	-24.00	-241.68	-32.99	-4.34
539	376	355	M- A	-1.87	-3.56	-27.03	-241.68	+0.00	-4.34
540	375	0	0 G	-0.00	+0.13	+178.48	-1.78	-9.43	+0.06
540	376	450	0 G	-0.00	-0.14	+178.58	-1.78	+9.39	+0.06
540		0	1 Q1	-0.00	+0.06	+0.44	-0.77	-0.01	+0.03
540		450	1 Q1	-0.00	-0.06	+0.47	-0.77	-0.01	+0.03
540		0	11 M1	-0.00	+0.03	+0.23	-0.39	-0.00	+0.01
540		450	11 M1	-0.00	-0.02	+0.24	-0.39	-0.00	+0.01
540		0	12 M2	-0.00	+0.01	+119.81	-0.12	-0.00	+0.00
540		450	12 M2	-0.00	-0.01	+119.82	-0.12	-0.00	+0.00
540		0	13 M3	-0.00	+0.03	+0.20	-0.37	-0.00	+0.01
540		450	13 M3	-0.00	-0.03	+0.22	-0.37	-0.00	+0.01
540		0	14 M4	-0.00	-0.00	-4.85	-0.09	-0.00	+0.00
540		450	14 M4	-0.00	-0.00	-4.85	-0.09	-0.00	+0.00
540		0	15 M5	-0.00	+0.05	+46.54	-0.75	-0.01	+0.02
540		450	15 M5	-0.00	-0.05	+46.56	-0.75	-0.01	+0.02
540		0	16 M6	+0.00	+0.02	+0.04	-0.16	-0.00	+0.01
540		450	16 M6	+0.00	-0.02	+0.06	-0.16	-0.00	+0.01
540		0	17 M7	+0.00	+0.00	-0.04	+0.00	-0.00	+0.00
540		450	17 M7	+0.00	-0.00	-0.03	+0.00	-0.00	+0.00
540	375	0	M+ A	+0.00	+0.33	+417.68	+0.00	+0.00	+0.15
540	376	450	M+ A	+0.00	+0.00	+417.87	+0.00	+12.48	+0.15
540	375	0	M- A	-0.00	+0.00	+0.00	-4.52	-12.56	+0.00
540	376	450	M- A	-0.00	-0.33	+0.00	-4.52	+0.00	+0.00
541	375	0	0 G	+0.41	-1.85	-3.05	-114.38	-7.13	+0.11
541	377	355	0 G	+0.41	-2.25	-2.56	-114.38	+6.85	+0.11
541		0	1 Q1	+0.18	-0.77	-5.30	-34.45	+0.09	+0.29
541		355	1 Q1	+0.18	-1.79	-5.62	-34.45	+0.09	+0.29
541		0	11 M1	+0.11	-0.34	-2.73	-18.47	+0.05	+0.14
541		355	11 M1	+0.11	-0.84	-2.91	-18.47	+0.05	+0.14
541		0	12 M2	-1.29	+0.07	+7.70	-26.62	-7.86	-0.06
541		355	12 M2	-1.29	+0.30	-2.61	-26.62	+12.14	-0.06
541		0	13 M3	+0.07	-0.51	-2.58	-16.20	+0.05	+0.17
541		355	13 M3	+0.07	-1.10	-2.74	-16.20	+0.05	+0.17
541		0	14 M4	+0.15	+0.42	-0.38	-31.02	-0.45	+0.06
541		355	14 M4	+0.15	+0.19	+1.22	-31.02	-0.45	+0.06
541		0	15 M5	+2.05	-1.39	-11.82	-36.63	-3.13	+0.10
541		355	15 M5	+2.05	-1.74	-0.70	-36.63	-3.13	+0.10
541		0	16 M6	-0.06	-0.02	-0.60	-8.53	+0.01	-0.01
541		355	16 M6	-0.06	+0.01	-0.62	-8.53	+0.01	-0.01
541		0	17 M7	-0.04	+0.07	+0.36	+0.51	-0.00	-0.05
541		355	17 M7	-0.04	+0.24	+0.37	+0.51	-0.00	-0.05
541	375	0	M+ A	+3.82	+0.00	+8.50	+0.00	+0.00	+0.76
541	377	355	M+ A	+3.82	+0.00	+0.00	+0.00	+27.56	+0.76
541	375	0	M- A	-1.53	-5.39	-27.40	-245.54	-21.41	+0.00
541	377	355	M- A	-1.53	-7.55	-14.93	-245.54	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
542	124	0	0 G	+0.00	+0.00	-0.00	-0.49	+35.61	-0.26
542	378	555	0 G	+0.00	+1.42	+177.81	-0.49	+23.14	-0.26
542		0	1 Q1	+0.00	+0.00	-0.00	-0.27	+0.41	-0.33
542		555	1 Q1	+0.00	+1.85	+2.26	-0.27	+0.41	-0.33
542		0	11 M1	+0.00	+0.00	-0.00	-0.14	+0.21	-0.16
542		555	11 M1	+0.00	+0.90	+1.15	-0.14	+0.21	-0.16
542		0	12 M2	+0.00	+0.00	-0.00	-0.01	+12.59	+0.07
542		555	12 M2	+0.00	-0.36	+69.86	-0.01	+12.59	+0.07
542		0	13 M3	+0.00	+0.00	-0.00	-0.14	+0.19	-0.21
542		555	13 M3	+0.00	+1.15	+1.07	-0.14	+0.19	-0.21
542		0	14 M4	+0.00	+0.00	-0.00	+0.07	-0.60	+0.07
542		555	14 M4	+0.00	-0.37	-3.31	+0.07	-0.60	+0.07
542		0	15 M5	+0.00	+0.00	-0.00	-0.18	+21.05	-0.17
542		555	15 M5	+0.00	+0.92	+116.84	-0.18	+21.05	-0.17
542		0	16 M6	+0.00	+0.00	-0.00	-0.15	+0.04	-0.09
542		555	16 M6	+0.00	+0.51	+0.22	-0.15	+0.04	-0.09
542		0	17 M7	+0.00	+0.00	-0.00	-0.03	-0.03	+0.01
542		555	17 M7	+0.00	-0.07	-0.16	-0.03	-0.03	+0.01
542	124	0	M+ A	+0.00	+0.00	-0.00	+0.00	+79.49	+0.00
542	378	555	M+ A	+0.00	+6.12	+414.80	+0.00	+62.91	+0.00
542	124	0	M- A	+0.00	+0.00	-0.00	-1.28	+0.00	-1.10
542	378	555	M- A	+0.00	+0.00	-0.00	-1.28	+0.00	-1.10
543	376	0	0 G	+0.44	-2.98	-2.87	-112.96	-7.12	-1.09
543	378	355	0 G	+0.44	+0.89	-2.40	-112.96	+6.86	-1.09
543		0	1 Q1	+0.09	-2.49	-5.24	-33.95	+0.09	-0.82
543		355	1 Q1	+0.09	+0.44	-5.56	-33.95	+0.09	-0.82
543		0	11 M1	+0.06	-1.17	-2.71	-18.28	+0.05	-0.38
543		355	11 M1	+0.06	+0.19	-2.89	-18.28	+0.05	-0.38
543		0	12 M2	+1.37	+0.44	+7.72	-26.45	-7.86	+0.08
543		355	12 M2	+1.37	+0.15	-2.59	-26.45	+12.14	+0.08
543		0	13 M3	+0.03	-1.58	-2.55	-15.97	+0.05	-0.48
543		355	13 M3	+0.03	+0.13	-2.72	-15.97	+0.05	-0.48
543		0	14 M4	+0.06	+0.60	-0.38	-31.01	-0.45	+0.04
543		355	14 M4	+0.06	+0.45	+1.23	-31.01	-0.45	+0.04
543		0	15 M5	-1.62	-2.23	-11.77	-36.33	-3.13	-0.64
543		355	15 M5	-1.62	+0.05	-0.66	-36.33	-3.13	-0.64
543		0	16 M6	-0.07	-0.32	-0.57	-8.20	+0.01	-0.10
543		355	16 M6	-0.07	+0.03	-0.59	-8.20	+0.01	-0.10
543		0	17 M7	-0.04	+0.21	+0.36	+0.61	-0.00	+0.07
543		355	17 M7	-0.04	-0.02	+0.38	+0.61	-0.00	+0.07
543	376	0	M+ A	+2.74	+0.00	+8.70	+0.00	+0.00	+0.00
543	378	355	M+ A	+2.74	+2.33	+0.00	+0.00	+27.57	+0.00
543	376	0	M- A	-1.99	-10.10	-27.03	-242.63	-21.40	-3.38
543	378	355	M- A	-1.99	+0.00	-14.62	-242.63	+0.00	-3.38
544	377	0	0 G	-0.00	+0.16	+177.84	-1.58	-9.45	+0.07
544	378	450	0 G	-0.00	-0.16	+178.04	-1.58	+9.36	+0.07
544		0	1 Q1	-0.00	+0.07	+2.16	-0.85	-0.02	+0.03
544		450	1 Q1	-0.00	-0.07	+2.24	-0.85	-0.02	+0.03
544		0	11 M1	-0.00	+0.03	+1.10	-0.44	-0.01	+0.01
544		450	11 M1	-0.00	-0.03	+1.13	-0.44	-0.01	+0.01
544		0	12 M2	-0.00	+0.01	+69.42	-0.05	-0.00	+0.00
544		450	12 M2	-0.00	-0.01	+69.44	-0.05	-0.00	+0.00
544		0	13 M3	-0.00	+0.04	+1.03	-0.45	-0.01	+0.02
544		450	13 M3	-0.00	-0.04	+1.06	-0.45	-0.01	+0.02
544		0	14 M4	-0.00	-0.01	-3.27	+0.14	-0.00	-0.00
544		450	14 M4	-0.00	+0.00	-3.25	+0.14	-0.00	-0.00
544		0	15 M5	-0.00	+0.07	+116.11	-0.64	-0.02	+0.03
544		450	15 M5	-0.00	-0.07	+116.18	-0.64	-0.02	+0.03
544		0	16 M6	+0.00	+0.02	+0.23	-0.37	-0.00	+0.01
544		450	16 M6	+0.00	-0.02	+0.25	-0.37	-0.00	+0.01
544		0	17 M7	+0.00	+0.00	-0.15	-0.06	-0.00	+0.00
544		450	17 M7	+0.00	-0.00	-0.14	-0.06	-0.00	+0.00
544	377	0	M+ A	+0.00	+0.42	+413.62	+0.00	+0.00	+0.18
544	378	450	M+ A	+0.00	+0.00	+414.09	+0.00	+12.45	+0.18
544	377	0	M- A	-0.00	+0.00	+0.00	-4.21	-12.62	+0.00
544	378	450	M- A	-0.00	-0.41	+0.00	-4.21	+0.00	+0.00
545	377	0	0 G	+0.20	-0.80	-2.56	-114.74	-6.89	-0.99
545	379	355	0 G	+0.20	+2.70	-2.92	-114.74	+7.09	-0.99
545		0	1 Q1	+0.00	+0.03	-5.62	-34.83	-0.32	-0.30
545		355	1 Q1	+0.00	+1.09	-4.49	-34.83	-0.32	-0.30
545		0	11 M1	+0.03	+0.05	-2.91	-18.65	-0.16	-0.16
545		355	11 M1	+0.03	+0.63	-2.35	-18.65	-0.16	-0.16
545		0	12 M2	-1.76	-0.03	-2.61	-26.56	-0.44	-0.10
545		355	12 M2	-1.76	+0.31	-1.04	-26.56	-0.44	-0.10
545		0	13 M3	-0.01	+0.02	-2.74	-16.42	-0.15	-0.15
545		355	13 M3	-0.01	+0.54	-2.22	-16.42	-0.15	-0.15
545		0	14 M4	+0.18	-0.14	+1.22	-30.96	+0.14	+0.14
545		355	14 M4	+0.18	-0.62	+0.71	-30.96	+0.14	+0.14
545		0	15 M5	+1.27	-0.85	-0.70	-36.84	-24.18	-0.36
545		355	15 M5	+1.27	+0.43	-9.27	-36.84	+15.82	-0.36
545		0	16 M6	-0.10	+0.51	-0.62	-8.63	-0.04	-0.23
545		355	16 M6	-0.10	+1.33	-0.49	-8.63	-0.04	-0.23
545		0	17 M7	-0.05	+0.18	+0.37	+0.52	+0.02	-0.07
545		355	17 M7	-0.05	+0.44	+0.29	+0.52	+0.02	-0.07
545	377	0	M+ A	+2.18	+0.00	+0.00	+0.00	+0.00	+0.00
545	379	355	M+ A	+2.18	+6.79	+0.00	+0.00	+33.31	+0.00
545	377	0	M- A	-2.44	-2.37	-14.93	-246.72	-45.89	-2.19
545	379	355	M- A	-2.44	+0.00	-22.57	-246.72	+0.00	-2.19
546	125	0	0 G	+0.00	+0.00	-0.00	-0.73	+35.56	-0.22
546	380	555	0 G	+0.00	+1.21	+177.52	-0.73	+23.09	-0.22
546		0	1 Q1	+0.00	+0.00	-0.00	-0.36	+0.01	-0.28
546		555	1 Q1	+0.00	+1.55	+0.05	-0.36	+0.01	-0.28
546		0	11 M1	+0.00	+0.00	-0.00	-0.18	+0.00	-0.14
546		555	11 M1	+0.00	+0.76	+0.00	-0.18	+0.00	-0.14
546		0	12 M2	+0.00	+0.00	-0.00	-0.03	+0.14	+0.05
546		555	12 M2	+0.00	-0.29	+0.77	-0.03	+0.14	+0.05
546		0	13 M3	+0.00	+0.00	-0.00	-0.18	-0.00	-0.17
546		555	13 M3	+0.00	+0.96	-0.01	-0.18	-0.00	-0.17
546		0	14 M4	+0.00	+0.00	-0.00	+0.04	-0.01	+0.06
546		555	14 M4	+0.00	-0.35	-0.03	+0.04	-0.01	+0.06
546		0	15 M5	+0.00	+0.00	-0.00	-0.30	+28.91	-0.13
546		555	15 M5	+0.00	+0.75	+160.43	-0.30	+28.91	-0.13
546		0	16 M6	+0.00	+0.00	-0.00	-0.14	-0.00	-0.09
546		555	16 M6	+0.00	+0.48	-0.01	-0.14	-0.00	-0.09
546		0	17 M7	+0.00	+0.00	-0.00	-0.02	-0.00	+0.01
546		555	17 M7	+0.00	-0.03	-0.01	-0.02	-0.00	+0.01
546	125	0	M+ A	+0.00	+0.00	-0.00	+0.00	+90.67	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
546	380	555	M+ A	+0.00	+5.15	+476.81	+0.00	+74.08	+0.00
546	125	0	M- A	+0.00	+0.00	-0.00	-1.91	+0.00	-0.93
546	380	555	M- A	+0.00	+0.00	-0.00	-1.91	+0.00	-0.93
547	378	0	0 G	+0.21	-0.70	-2.40	-113.14	-6.92	+0.01
547	380	355	0 G	+0.21	-0.72	-2.63	-113.14	+7.05	+0.01
547		0	1 Q1	+0.11	-1.49	-5.56	-34.25	-0.33	-0.24
547		355	1 Q1	+0.11	-0.64	-4.39	-34.25	-0.33	-0.24
547		0	11 M1	+0.08	-0.75	-2.89	-18.43	-0.16	-0.08
547		355	11 M1	+0.08	-0.46	-2.30	-18.43	-0.16	-0.08
547		0	12 M2	+1.78	+0.50	-2.59	-26.38	-0.45	+0.12
547		355	12 M2	+1.78	+0.09	-1.01	-26.38	-0.45	+0.12
547		0	13 M3	+0.04	-1.06	-2.72	-16.16	-0.15	-0.17
547		355	13 M3	+0.04	-0.45	-2.17	-16.16	-0.15	-0.17
547		0	14 M4	+0.01	+0.82	+1.23	-30.94	+0.14	-0.03
547		355	14 M4	+0.01	+0.92	+0.73	-30.94	+0.14	-0.03
547		0	15 M5	-0.96	-0.94	-0.66	-36.47	-24.20	-0.19
547		355	15 M5	-0.96	-0.27	-9.17	-36.47	+15.80	-0.19
547		0	16 M6	-0.09	-0.50	-0.59	-8.29	-0.04	+0.13
547		355	16 M6	-0.09	-0.94	-0.46	-8.29	-0.04	+0.13
547		0	17 M7	-0.05	+0.05	+0.38	+0.63	+0.02	+0.09
547		355	17 M7	-0.05	-0.27	+0.29	+0.63	+0.02	+0.09
547	378	0	M+ A	+3.07	+0.54	+0.00	+0.00	+0.00	+0.20
547	380	355	M+ A	+3.07	+0.66	+0.00	+0.00	+33.23	+0.20
547	378	0	M- A	-1.24	-4.29	-14.62	-243.40	-45.99	-0.55
547	380	355	M- A	-1.24	-3.06	-21.91	-243.40	+0.00	-0.55
548	379	0	0 G	-0.00	+0.16	+177.95	-1.54	-9.32	+0.07
548	380	450	0 G	-0.00	-0.17	+177.56	-1.54	+9.49	+0.07
548		0	1 Q1	+0.00	+0.08	+0.22	-0.77	+0.04	+0.04
548		450	1 Q1	+0.00	-0.08	+0.06	-0.77	+0.04	+0.04
548		0	11 M1	-0.00	+0.03	+0.10	-0.38	+0.02	+0.02
548		450	11 M1	-0.00	-0.04	+0.01	-0.38	+0.02	+0.02
548		0	12 M2	+0.00	+0.01	+2.39	-0.05	+0.00	+0.00
548		450	12 M2	+0.00	-0.01	+2.37	-0.05	+0.00	+0.00
548		0	13 M3	+0.00	+0.04	+0.08	-0.40	+0.02	+0.02
548		450	13 M3	+0.00	-0.04	+0.00	-0.40	+0.02	+0.02
548		0	14 M4	-0.00	-0.01	-0.08	+0.04	+0.01	-0.00
548		450	14 M4	-0.00	+0.01	-0.11	+0.04	+0.01	-0.00
548		0	15 M5	-0.00	+0.08	+158.62	-0.67	+0.04	+0.03
548		450	15 M5	-0.00	-0.08	+158.43	-0.67	+0.04	+0.03
548		0	16 M6	+0.00	+0.02	+0.01	-0.23	-0.00	+0.01
548		450	16 M6	+0.00	-0.02	+0.01	-0.23	-0.00	+0.01
548		0	17 M7	+0.00	-0.00	-0.02	-0.01	-0.00	+0.00
548		450	17 M7	+0.00	-0.00	+0.00	-0.01	-0.00	+0.00
548	379	0	M+ A	+0.00	+0.44	+474.89	+0.00	+0.00	+0.20
548	380	450	M+ A	+0.00	+0.00	+473.87	+0.00	+12.74	+0.20
548	379	0	M- A	-0.00	+0.00	+0.00	-4.10	-12.40	+0.00
548	380	450	M- A	-0.00	-0.45	+0.00	-4.10	+0.00	+0.00
549	379	0	0 G	-0.08	+3.86	-2.92	-115.05	-6.81	-1.75
549	381	355	0 G	-0.08	+10.06	-3.57	-115.05	+7.17	-1.75
549		0	1 Q1	-0.09	+2.58	-4.49	-35.15	-0.41	-0.69
549		355	1 Q1	-0.09	+5.04	-3.05	-35.15	-0.41	-0.69
549		0	11 M1	-0.01	+1.37	-2.35	-18.81	-0.20	-0.35
549		355	11 M1	-0.01	+2.63	-1.65	-18.81	-0.20	-0.35
549		0	12 M2	-0.19	+0.04	-1.04	-26.52	-0.60	-0.11
549		355	12 M2	-0.19	+0.44	+1.09	-26.52	-0.60	-0.11
549		0	13 M3	-0.05	+1.46	-2.22	-16.62	-0.19	-0.35
549		355	13 M3	-0.05	+2.70	-1.56	-16.62	-0.19	-0.35
549		0	14 M4	+0.08	-0.93	+0.71	-30.90	+0.13	+0.13
549		355	14 M4	+0.08	-1.40	+0.24	-30.90	+0.13	+0.13
549		0	15 M5	-0.80	+1.12	-9.27	-37.01	-13.17	-0.71
549		355	15 M5	-0.80	+3.65	+2.09	-37.01	+6.83	-0.71
549		0	16 M6	-0.13	+1.81	-0.49	-8.73	-0.04	-0.31
549		355	16 M6	-0.13	+2.92	-0.33	-8.73	-0.04	-0.31
549		0	17 M7	-0.05	+0.41	+0.29	+0.52	+0.03	-0.06
549		355	17 M7	-0.05	+0.64	+0.19	+0.52	+0.03	-0.06
549	379	0	M+ A	+0.04	+10.98	+0.00	+0.00	+0.00	+0.00
549	381	355	M+ A	+0.04	+24.96	+0.00	+0.00	+19.92	+0.00
549	379	0	M- A	-1.40	+0.00	-22.57	-247.73	-29.38	-4.15
549	381	355	M- A	-1.40	+0.00	-11.12	-247.73	+0.00	-4.15
550	126	0	0 G	+0.00	+0.00	-0.00	-0.22	+34.92	-0.18
550	382	555	0 G	+0.00	+1.02	+173.98	-0.22	+22.45	-0.18
550		0	1 Q1	+0.00	+0.00	-0.00	+0.18	-0.56	-0.23
550		555	1 Q1	+0.00	+1.26	-3.11	+0.18	-0.56	-0.23
550		0	11 M1	+0.00	+0.00	-0.00	+0.15	-0.24	-0.11
550		555	11 M1	+0.00	+0.63	-1.32	+0.15	-0.24	-0.11
550		0	12 M2	+0.00	+0.00	-0.00	-0.08	-0.89	+0.04
550		555	12 M2	+0.00	-0.23	-4.93	-0.08	-0.89	+0.04
550		0	13 M3	+0.00	+0.00	-0.00	+0.16	-0.24	-0.14
550		555	13 M3	+0.00	+0.78	-1.35	+0.16	-0.24	-0.14
550		0	14 M4	+0.00	+0.00	-0.00	-0.41	-0.05	+0.06
550		555	14 M4	+0.00	-0.34	-0.30	-0.41	-0.05	+0.06
550		0	15 M5	+0.00	+0.00	-0.00	-0.22	+22.59	-0.11
550		555	15 M5	+0.00	+0.58	+125.35	-0.22	+22.59	-0.11
550		0	16 M6	+0.00	+0.00	-0.00	+0.46	-0.05	-0.08
550		555	16 M6	+0.00	+0.47	-0.30	+0.46	-0.05	-0.08
550		0	17 M7	+0.00	+0.00	-0.00	+0.14	+0.03	-0.00
550		555	17 M7	+0.00	+0.00	+0.14	+0.14	+0.03	-0.00
550	126	0	M+ A	+0.00	+0.00	-0.00	+0.71	+80.32	+0.00
550	382	555	M+ A	+0.00	+4.22	+419.41	+0.71	+63.74	+0.00
550	126	0	M- A	+0.00	+0.00	-0.00	-0.91	+0.00	-0.76
550	382	555	M- A	+0.00	+0.00	-0.00	-0.91	+0.00	-0.76
551	380	0	0 G	+0.17	-2.10	-2.63	-113.29	-6.54	+0.81
551	382	355	0 G	+0.17	-4.99	-4.21	-113.29	+7.43	+0.81
551		0	1 Q1	+0.10	-2.28	-4.39	-34.49	-0.30	+0.18
551		355	1 Q1	+0.10	-2.90	-3.31	-34.49	-0.30	+0.18
551		0	11 M1	+0.07	-1.26	-2.30	-18.55	-0.15	+0.12
551		355	11 M1	+0.07	-1.68	-1.78	-18.55	-0.15	+0.12
551		0	12 M2	+0.18	+0.38	-1.01	-26.32	-0.58	+0.14
551		355	12 M2	+0.18	-0.10	+1.05	-26.32	-0.58	+0.14
551		0	13 M3	+0.03	-1.46	-2.17	-16.31	-0.14	+0.04
551		355	13 M3	+0.03	-1.62	-1.69	-16.31	-0.14	+0.04
551		0	14 M4	+0.09	+1.28	+0.73	-30.88	+0.15	-0.03
551		355	14 M4	+0.09	+1.38	+0.19	-30.88	+0.15	-0.03
551		0	15 M5	+1.04	-1.10	-9.17	-36.57	-13.06	+0.18
551		355	15 M5	+1.04	-1.75	+1.79	-36.57	+6.94	+0.18
551		0	16 M6	-0.11	-1.45	-0.46	-8.37	-0.04	+0.22

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
551		355	16 M6	-0.11	-2.21	-0.34	-8.37	-0.04	+0.22
551		0	17 M7	-0.06	-0.24	+0.29	+0.63	+0.02	+0.08
551		355	17 M7	-0.06	-0.54	+0.22	+0.63	+0.02	+0.08
551	380	0	M+ A	+1.89	+0.00	+0.00	+0.00	+0.00	+1.61
551	382	355	M+ A	+1.89	+0.00	+0.00	+0.00	+20.45	+1.61
551	380	0	M- A	+0.00	-7.78	-21.91	-244.01	-28.74	+0.00
551	382	355	M- A	+0.00	-13.42	-12.52	-244.01	+0.00	+0.00
552	381	0	0 G	-0.00	+0.13	+171.81	+1.17	-9.97	+0.07
552	382	450	0 G	-0.00	-0.18	+174.33	+1.17	+8.85	+0.07
552		0	1 Q1	-0.00	+0.06	-3.96	+1.10	-0.22	+0.03
552		450	1 Q1	-0.00	-0.09	-2.96	+1.10	-0.22	+0.03
552		0	11 M1	-0.00	+0.03	-1.74	+0.68	-0.11	+0.01
552		450	11 M1	-0.00	-0.04	-1.24	+0.68	-0.11	+0.01
552		0	12 M2	-0.00	+0.00	-4.79	-0.07	-0.04	+0.00
552		450	12 M2	-0.00	-0.00	-4.63	-0.07	-0.04	+0.00
552		0	13 M3	-0.00	+0.03	-1.76	+0.70	-0.11	+0.02
552		450	13 M3	-0.00	-0.05	-1.27	+0.70	-0.11	+0.02
552		0	14 M4	-0.00	-0.00	-0.47	-0.95	-0.04	-0.00
552		450	14 M4	-0.00	+0.02	-0.28	-0.95	-0.04	-0.00
552		0	15 M5	-0.00	+0.06	+123.16	+0.19	-0.25	+0.03
552		450	15 M5	-0.00	-0.08	+124.26	+0.19	-0.25	+0.03
552		0	16 M6	+0.00	+0.01	-0.35	+1.28	-0.02	+0.01
552		450	16 M6	+0.00	-0.03	-0.27	+1.28	-0.02	+0.01
552		0	17 M7	+0.00	-0.00	+0.20	+0.36	+0.01	-0.00
552		450	17 M7	+0.00	-0.00	+0.14	+0.36	+0.01	-0.00
552	381	0	M+ A	+0.00	+0.35	+413.25	+4.96	+0.00	+0.18
552	382	450	M+ A	+0.00	+0.00	+418.26	+4.96	+11.79	+0.18
552	381	0	M- A	-0.00	+0.00	+0.00	-0.25	-13.93	+0.00
552	382	450	M- A	-0.00	-0.48	+0.00	-0.25	+0.00	+0.00
553	381	0	0 G	-0.17	+11.00	-3.57	-115.31	-4.94	-0.33
553	383	355	0 G	-0.17	+12.17	-10.84	-115.31	+9.04	-0.33
553		0	1 Q1	-0.11	+6.23	-3.05	-35.41	+0.53	+0.24
553		355	1 Q1	-0.11	+5.37	-4.91	-35.41	+0.53	+0.24
553		0	11 M1	-0.01	+3.23	-1.65	-18.94	+0.23	+0.18
553		355	11 M1	-0.01	+2.58	-2.45	-18.94	+0.23	+0.18
553		0	12 M2	+0.07	+0.23	+1.09	-26.48	+0.35	-0.10
553		355	12 M2	+0.07	+0.60	-0.16	-26.48	+0.35	-0.10
553		0	13 M3	-0.05	+3.44	-1.56	-16.77	+0.24	+0.20
553		355	13 M3	-0.05	+2.73	-2.41	-16.77	+0.24	+0.20
553		0	14 M4	+0.07	-1.72	+0.24	-30.84	+0.26	-0.41
553		355	14 M4	+0.07	-0.27	-0.68	-30.84	+0.26	-0.41
553		0	15 M5	-2.05	+4.16	+2.09	-37.14	+4.66	-0.30
553		355	15 M5	-2.05	+5.21	-14.44	-37.14	+4.66	-0.30
553		0	16 M6	-0.14	+3.38	-0.33	-8.83	+0.03	+0.51
553		355	16 M6	-0.14	+1.58	-0.45	-8.83	+0.03	+0.51
553		0	17 M7	-0.06	+0.65	+0.19	+0.52	-0.02	+0.15
553		355	17 M7	-0.06	+0.13	+0.27	+0.52	-0.02	+0.15
553	381	0	M+ A	+0.00	+28.58	+0.00	+0.00	+2.60	+0.69
553	383	355	M+ A	+0.00	+29.96	+0.00	+0.00	+19.74	+0.69
553	381	0	M- A	-3.42	+0.00	-11.12	-248.56	-6.70	-1.05
553	383	355	M- A	-3.42	+0.00	-41.45	-248.56	+0.00	-1.05
554	127	0	0 G	+0.00	+0.00	-0.00	+5.05	+33.48	-0.15
554	384	555	0 G	+0.00	+0.83	+165.99	+5.05	+21.01	-0.15
554		0	1 Q1	+0.00	+0.00	-0.00	+3.26	-1.46	-0.17
554		555	1 Q1	+0.00	+0.96	-8.09	+3.26	-1.46	-0.17
554		0	11 M1	+0.00	+0.00	-0.00	+1.81	-0.58	-0.09
554		555	11 M1	+0.00	+0.49	-3.24	+1.81	-0.58	-0.09
554		0	12 M2	+0.00	+0.00	-0.00	+0.01	-0.27	+0.03
554		555	12 M2	+0.00	-0.16	-1.49	+0.01	-0.27	+0.03
554		0	13 M3	+0.00	+0.00	-0.00	+1.88	-0.57	-0.11
554		555	13 M3	+0.00	+0.60	-3.16	+1.88	-0.57	-0.11
554		0	14 M4	+0.00	+0.00	-0.00	-1.50	-0.21	+0.06
554		555	14 M4	+0.00	-0.33	-1.14	-1.50	-0.21	+0.06
554		0	15 M5	+0.00	+0.00	-0.00	+1.72	+6.83	-0.08
554		555	15 M5	+0.00	+0.42	+37.92	+1.72	+6.83	-0.08
554		0	16 M6	+0.00	+0.00	-0.00	+2.38	-0.11	-0.08
554		555	16 M6	+0.00	+0.45	-0.60	+2.38	-0.11	-0.08
554		0	17 M7	+0.00	+0.00	-0.00	+0.55	+0.07	-0.01
554		555	17 M7	+0.00	+0.04	+0.36	+0.55	+0.07	-0.01
554	127	0	M+ A	+0.00	+0.00	-0.00	+14.69	+54.78	+0.00
554	384	555	M+ A	+0.00	+3.31	+277.63	+14.69	+38.19	+0.00
554	127	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.60
554	384	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.60
555	382	0	0 G	-0.19	-6.19	-4.21	-113.40	-6.17	-0.58
555	384	355	0 G	-0.19	-4.13	-7.11	-113.40	+7.81	-0.58
555		0	1 Q1	-0.05	-4.25	-3.31	-34.68	+0.03	-0.74
555		355	1 Q1	-0.05	-1.61	-3.43	-34.68	+0.03	-0.74
555		0	11 M1	-0.00	-2.35	-1.78	-18.65	-0.02	-0.41
555		355	11 M1	-0.00	-0.89	-1.71	-18.65	-0.02	-0.41
555		0	12 M2	-0.12	+0.12	+1.05	-26.28	+0.27	+0.12
555		355	12 M2	-0.12	-0.32	+0.09	-26.28	+0.27	+0.12
555		0	13 M3	-0.04	-2.45	-1.69	-16.44	+0.00	-0.50
555		355	13 M3	-0.04	-0.69	-1.69	-16.44	+0.00	-0.50
555		0	14 M4	+0.07	+1.74	+0.19	-30.83	+0.16	+0.51
555		355	14 M4	+0.07	-0.07	-0.39	-30.83	+0.16	+0.51
555		0	15 M5	+2.12	-2.42	+1.79	-36.64	+4.11	-0.22
555		355	15 M5	+2.12	-1.64	-12.80	-36.64	+4.11	-0.22
555		0	16 M6	-0.14	-2.71	-0.34	-8.44	-0.00	-0.60
555		355	16 M6	-0.14	-0.58	-0.33	-8.44	-0.00	-0.60
555		0	17 M7	-0.06	-0.54	+0.22	+0.63	+0.01	-0.13
555		355	17 M7	-0.06	-0.09	+0.18	+0.63	+0.01	-0.13
555	382	0	M+ A	+3.00	+0.00	+0.00	+0.00	+0.03	+0.18
555	384	355	M+ A	+3.00	+0.00	+0.00	+0.00	+16.74	+0.18
555	382	0	M- A	-0.52	-17.58	-12.52	-244.47	-8.36	-2.53
555	384	355	M- A	-0.52	-9.72	-32.40	-244.47	+0.00	-2.53
556	383	0	0 G	+0.00	+0.06	+179.09	+10.75	-6.85	+0.05
556	384	450	0 G	+0.00	-0.18	+167.60	+10.75	+11.96	+0.05
556		0	1 Q1	+0.00	+0.03	-2.32	+6.83	+1.02	+0.03
556		450	1 Q1	+0.00	-0.09	-6.92	+6.83	+1.02	+0.03
556		0	11 M1	+0.00	+0.01	-0.47	+3.78	+0.51	+0.01
556		450	11 M1	+0.00	-0.05	-2.76	+3.78	+0.51	+0.01
556		0	12 M2	+0.00	+0.00	-0.64	+0.07	+0.16	+0.00
556		450	12 M2	+0.00	-0.00	-1.38	+0.07	+0.16	+0.00
556		0	13 M3	+0.00	+0.01	-0.44	+3.93	+0.49	+0.01
556		450	13 M3	+0.00	-0.05	-2.66	+3.93	+0.49	+0.01
556		0	14 M4	+0.00	+0.00	-0.03	-3.12	+0.20	-0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
556		450	14 M4	+0.00	+0.02	-0.94	-3.12	+0.20	-0.00
556		0	15 M5	+0.00	+0.03	+47.25	+3.66	+1.13	+0.03
556		450	15 M5	+0.00	-0.08	+42.15	+3.66	+1.13	+0.03
556		0	16 M6	+0.00	-0.00	-0.15	+4.98	+0.07	+0.01
556		450	16 M6	+0.00	-0.04	-0.48	+4.98	+0.07	+0.01
556		0	17 M7	+0.00	-0.00	+0.03	+1.16	-0.06	+0.00
556		450	17 M7	+0.00	-0.00	+0.31	+1.16	-0.06	+0.00
556	383	0	M+ A	+0.00	+0.17	+309.07	+30.99	+0.00	+0.15
556	384	450	M+ A	+0.00	+0.00	+286.14	+30.99	+18.99	+0.15
556	383	0	M- A	+0.00	+0.00	+0.00	+0.00	-9.21	+0.00
556	384	450	M- A	+0.00	-0.49	+0.00	+0.00	+0.00	+0.00
557	383	0	0 G	+2.10	+12.95	-10.84	-115.52	-7.07	+5.33
557	385	355	0 G	+2.10	-5.98	-10.55	-115.52	+6.91	+5.33
557		0	1 Q1	+1.34	+6.30	-4.91	-35.60	+0.18	+3.82
557		355	1 Q1	+1.34	-7.26	-5.56	-35.60	+0.18	+3.82
557		0	11 M1	+0.62	+3.07	-2.45	-19.04	-0.09	+2.17
557		355	11 M1	+0.62	-4.63	-2.15	-19.04	-0.09	+2.17
557		0	12 M2	+0.22	+0.46	-0.16	-26.46	+0.33	-0.08
557		355	12 M2	+0.22	+0.73	-1.32	-26.46	+0.33	-0.08
557		0	13 M3	+0.59	+3.31	-2.41	-16.89	-0.06	+2.26
557		355	13 M3	+0.59	-4.72	-2.19	-16.89	-0.06	+2.26
557		0	14 M4	+0.32	-0.58	-0.68	-30.78	+0.11	-2.04
557		355	14 M4	+0.32	+6.66	-1.06	-30.78	+0.11	-2.04
557		0	15 M5	+2.51	+5.59	-14.44	-37.24	-4.17	+1.69
557		355	15 M5	+2.51	-0.39	+0.36	-37.24	-4.17	+1.69
557		0	16 M6	-0.03	+2.03	-0.45	-8.91	+0.01	+3.08
557		355	16 M6	-0.03	-8.89	-0.48	-8.91	+0.01	+3.08
557		0	17 M7	-0.14	+0.17	+0.27	+0.52	+0.02	+0.75
557		355	17 M7	-0.14	-2.48	+0.19	+0.52	+0.02	+0.75
557	383	0	M+ A	+8.01	+32.80	+0.00	+0.00	+0.00	+16.16
557	385	355	M+ A	+8.01	+4.01	+0.00	+0.00	+10.01	+16.16
557	383	0	M- A	+0.00	+0.00	-41.46	-249.20	-15.80	+0.00
557	385	355	M- A	+0.00	-29.03	-24.88	-249.20	+0.00	+0.00
558	128	0	0 G	+0.00	+0.00	-0.00	+19.02	+51.54	-0.11
558	386	555	0 G	+0.00	+0.59	+266.23	+19.02	+39.07	-0.11
558		0	1 Q1	+0.00	+0.00	-0.00	+9.82	+9.08	-0.11
558		555	1 Q1	+0.00	+0.63	+50.37	+9.82	+9.08	-0.11
558		0	11 M1	+0.00	+0.00	-0.00	+5.10	+4.15	-0.06
558		555	11 M1	+0.00	+0.34	+23.04	+5.10	+4.15	-0.06
558		0	12 M2	+0.00	+0.00	-0.00	+0.64	+1.61	+0.02
558		555	12 M2	+0.00	-0.09	+8.91	+0.64	+1.61	+0.02
558		0	13 M3	+0.00	+0.00	-0.00	+5.20	+4.22	-0.07
558		555	13 M3	+0.00	+0.40	+23.44	+5.20	+4.22	-0.07
558		0	14 M4	+0.00	+0.00	-0.00	-2.02	+1.72	+0.05
558		555	14 M4	+0.00	-0.30	+9.53	-2.02	+1.72	+0.05
558		0	15 M5	+0.00	+0.00	-0.00	+7.57	+25.55	-0.04
558		555	15 M5	+0.00	+0.25	+141.81	+7.57	+25.55	-0.04
558		0	16 M6	+0.00	+0.00	-0.00	+4.68	+0.83	-0.07
558		555	16 M6	+0.00	+0.40	+4.59	+4.68	+0.83	-0.07
558		0	17 M7	+0.00	+0.00	-0.00	+0.79	-0.48	-0.01
558		555	17 M7	+0.00	+0.07	-2.64	+0.79	-0.48	-0.01
558	128	0	M+ A	+0.00	+0.00	-0.00	+49.90	+119.13	+0.00
558	386	555	M+ A	+0.00	+2.23	+634.79	+49.90	+102.55	+0.00
558	128	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.40
558	386	555	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.40
559	384	0	0 G	-1.80	-5.14	-7.11	-113.50	-1.25	-6.28
559	386	355	0 G	-1.80	+17.15	-27.50	-113.50	+12.73	-6.28
559		0	1 Q1	-1.22	-2.67	-3.43	-34.83	+2.51	-4.31
559		355	1 Q1	-1.22	+12.63	-12.34	-34.83	+2.51	-4.31
559		0	11 M1	-0.49	-1.43	-1.71	-18.72	+1.07	-2.39
559		355	11 M1	-0.49	+7.04	-5.52	-18.72	+1.07	-2.39
559		0	12 M2	-0.24	-0.17	+0.09	-26.25	+0.70	+0.07
559		355	12 M2	-0.24	-0.42	-2.41	-26.25	+0.70	+0.07
559		0	13 M3	-0.54	-1.34	-1.69	-16.53	+1.06	-2.54
559		355	13 M3	-0.54	+7.68	-5.47	-16.53	+1.06	-2.54
559		0	14 M4	-0.13	+0.28	-0.39	-30.77	+0.57	+2.12
559		355	14 M4	-0.13	-7.24	-2.41	-30.77	+0.57	+2.12
559		0	15 M5	-2.11	-2.14	-12.80	-36.69	-1.59	-2.15
559		355	15 M5	-2.11	+5.50	-7.16	-36.69	-1.59	-2.15
559		0	16 M6	-0.26	-1.06	-0.33	-8.51	+0.18	-3.20
559		355	16 M6	-0.26	+10.30	-0.98	-8.51	+0.18	-3.20
559		0	17 M7	-0.01	-0.14	+0.18	+0.63	-0.12	-0.74
559		355	17 M7	-0.01	+2.50	+0.61	+0.63	-0.12	-0.74
559	384	0	M+ A	+0.00	+0.00	+0.00	+0.00	+3.65	+0.00
559	386	355	M+ A	+0.00	+52.92	+0.00	+0.00	+22.08	+0.00
559	384	0	M- A	-6.88	-13.19	-32.39	-244.83	-4.07	-18.30
559	386	355	M- A	-6.88	+0.00	-63.14	-244.83	+0.00	-18.30
560	385	0	0 G	-0.01	+0.02	+234.39	+25.30	-15.16	+0.03
560	386	450	0 G	-0.01	-0.13	+260.29	+25.30	+3.65	+0.03
560		0	1 Q1	-0.00	+0.01	+38.58	+14.33	-2.30	+0.02
560		450	1 Q1	-0.00	-0.06	+48.93	+14.33	-2.30	+0.02
560		0	11 M1	-0.00	+0.01	+16.74	+7.67	-1.14	+0.01
560		450	11 M1	-0.00	-0.03	+21.89	+7.67	-1.14	+0.01
560		0	12 M2	-0.00	-0.00	+6.82	+0.54	-0.37	+0.00
560		450	12 M2	-0.00	-0.00	+8.49	+0.54	-0.37	+0.00
560		0	13 M3	-0.00	+0.01	+17.31	+7.91	-1.11	+0.01
560		450	13 M3	-0.00	-0.03	+22.32	+7.91	-1.11	+0.01
560		0	14 M4	-0.00	-0.01	+6.99	-4.63	-0.46	-0.00
560		450	14 M4	-0.00	+0.00	+9.05	-4.63	-0.46	-0.00
560		0	15 M5	-0.00	+0.01	+126.51	+9.49	-2.55	+0.01
560		450	15 M5	-0.00	-0.06	+137.99	+9.49	-2.55	+0.01
560		0	16 M6	-0.00	+0.01	+3.65	+8.49	-0.17	+0.00
560		450	16 M6	-0.00	-0.01	+4.43	+8.49	-0.17	+0.00
560		0	17 M7	+0.00	+0.00	-1.85	+1.76	+0.14	+0.00
560		450	17 M7	+0.00	+0.00	-2.49	+1.76	+0.14	+0.00
560	385	0	M+ A	+0.00	+0.05	+553.59	+67.23	+0.00	+0.09
560	386	450	M+ A	+0.00	+0.00	+619.21	+67.23	+5.07	+0.09
560	385	0	M- A	-0.02	+0.00	+0.00	+0.00	-27.09	+0.00
560	386	450	M- A	-0.02	-0.33	+0.00	+0.00	-3.28	+0.00
561	385	0	0 G	+8.82	-5.41	-10.54	-115.66	-10.06	+11.40
561	387	355	0 G	+8.82	-45.89	+0.37	-115.66	+3.92	+11.40
561		0	1 Q1	+4.95	-6.66	-5.56	-35.73	-3.82	+8.33
561		355	1 Q1	+4.95	-36.23	+7.99	-35.73	-3.82	+8.33
561		0	11 M1	+1.99	-4.30	-2.15	-19.11	-1.71	+4.75
561		355	11 M1	+1.99	-21.16	+3.93	-19.11	-1.71	+4.75
561		0	12 M2	+0.60	+0.65	-1.32	-26.44	-0.46	-0.25

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
561		355	12 M2	+0.60	+1.55	+0.31	-26.44	-0.46	-0.25
561		0	13 M3	+1.92	-4.35	-2.19	-16.97	-1.83	+5.00
561		355	13 M3	+1.92	-22.10	+4.31	-16.97	-1.83	+5.00
561		0	14 M4	+0.84	+6.38	-1.06	-30.72	-0.60	-4.69
561		355	14 M4	+0.84	+23.04	+1.06	-30.72	-0.60	-4.69
561		0	15 M5	+4.31	-0.17	+0.37	-37.30	-24.09	+3.71
561		355	15 M5	+4.31	-13.34	-14.91	-37.30	+15.91	+3.71
561		0	16 M6	+0.18	-8.51	-0.48	-8.99	-0.44	+6.78
561		355	16 M6	+0.18	-32.59	+1.09	-8.99	-0.44	+6.78
561		0	17 M7	-0.31	-2.41	+0.19	+0.50	+0.18	+1.67
561		355	17 M7	-0.31	-8.34	-0.47	+0.50	+0.18	+1.67
561	385	0	M+ A	+23.86	+4.16	+0.00	+0.00	+0.00	+35.01
561	387	355	M+ A	+23.86	+0.00	+17.00	+0.00	+29.15	+35.01
561	385	0	M- A	+0.00	-27.05	-24.87	-249.61	-53.73	+0.00
561	387	355	M- A	+0.00	-150.51	-22.01	-249.61	-3.73	+0.00
562	129	0	0 G	+2.73	-58.85	+1001.62	+181.58	-67.68	-24.39
562	388	555	0 G	+2.73	+76.49	+575.70	+181.58	-91.13	-24.39
562		0	1 Q1	+23.27	-59.75	+411.47	+71.94	-32.79	-24.63
562		555	1 Q1	+23.27	+76.92	+229.47	+71.94	-32.79	-24.63
562		0	11 M1	+2.91	-35.87	+238.39	+33.54	-26.99	-14.79
562		555	11 M1	+2.91	+46.23	+88.61	+33.54	-26.99	-14.79
562		0	12 M2	-0.93	+5.29	+76.89	+11.27	-8.38	+2.15
562		555	12 M2	-0.93	-6.62	+30.37	+11.27	-8.38	+2.15
562		0	13 M3	+1.88	-38.86	+229.14	+33.05	-25.21	-15.98
562		555	13 M3	+1.88	+49.82	+89.20	+33.05	-25.21	-15.98
562		0	14 M4	-1.26	+49.61	+92.14	+12.64	-10.25	+20.36
562		555	14 M4	-1.26	-63.37	+35.23	+12.64	-10.25	+20.36
562		0	15 M5	-0.08	-11.36	+395.00	+81.58	-18.11	-4.73
562		555	15 M5	-0.08	+14.89	+294.48	+81.58	-18.11	-4.73
562		0	16 M6	+1.89	-64.83	+39.63	+6.79	-4.20	-26.68
562		555	16 M6	+1.89	+83.26	+16.31	+6.79	-4.20	-26.68
562		0	17 M7	+0.64	-17.89	-27.95	-3.62	+3.16	-7.32
562		555	17 M7	+0.64	+22.75	-10.40	-3.62	+3.16	-7.32
562	129	0	M+ A	+39.41	+15.57	+2480.12	+461.00	+0.00	+6.15
562	388	555	M+ A	+39.41	+330.46	+1517.18	+461.00	+0.00	+6.15
562	129	0	M- A	+0.00	-256.18	-0.00	+0.00	-174.76	-105.70
562	388	555	M- A	+0.00	-18.56	-0.00	+0.00	-205.95	-105.70
563	386	0	0 G	+4.14	+16.44	-27.50	-113.57	-22.69	-12.56
563	388	355	0 G	+4.14	+61.02	+28.24	-113.57	-8.71	-12.56
563		0	1 Q1	+0.23	+11.94	-12.34	-34.93	-8.86	-8.82
563		355	1 Q1	+0.23	+43.27	+19.13	-34.93	-8.86	-8.82
563		0	11 M1	+0.66	+6.67	-5.52	-18.78	-4.22	-4.96
563		355	11 M1	+0.66	+24.28	+9.47	-18.78	-4.22	-4.96
563		0	12 M2	+0.19	-0.33	-2.41	-26.23	-1.27	+0.17
563		355	12 M2	+0.19	-0.92	+2.10	-26.23	-1.27	+0.17
563		0	13 M3	+0.58	+7.25	-5.47	-16.59	-4.27	-5.25
563		355	13 M3	+0.58	+25.88	+9.69	-16.59	-4.27	-5.25
563		0	14 M4	+0.35	-6.94	-2.41	-30.72	-1.60	+4.72
563		355	14 M4	+0.35	-23.71	+3.28	-30.72	-1.60	+4.72
563		0	15 M5	+1.71	+5.20	-7.16	-36.72	-29.69	-4.08
563		355	15 M5	+1.71	+19.67	-2.56	-36.72	+10.31	-4.08
563		0	16 M6	-0.09	+9.89	-0.98	-8.58	-0.82	-7.01
563		355	16 M6	-0.09	+34.79	+1.92	-8.58	-0.82	-7.01
563		0	17 M7	-0.16	+2.43	+0.61	+0.61	+0.50	-1.71
563		355	17 M7	-0.16	+8.51	-1.16	+0.61	+0.50	-1.71
563	386	0	M+ A	+8.38	+50.49	+0.00	+0.00	+0.00	+0.00
563	388	355	M+ A	+8.38	+183.81	+76.98	+0.00	+6.75	+0.00
563	386	0	M- A	+0.00	+0.00	-63.16	-245.08	-84.47	-37.55
563	388	355	M- A	+0.00	+0.00	+0.00	-245.08	-29.54	-37.55
564	387	0	0 G	+2.37	+15.70	+189.30	+168.93	-101.66	-0.03
564	388	450	0 G	+2.37	+15.82	+584.40	+168.93	-73.94	-0.03
564		0	1 Q1	+0.91	+15.82	+75.38	+66.81	-35.09	+0.04
564		450	1 Q1	+0.91	+15.65	+233.27	+66.81	-35.09	+0.04
564		0	11 M1	+0.07	+9.49	+12.22	+31.14	-17.46	-0.00
564		450	11 M1	+0.07	+9.50	+90.79	+31.14	-17.46	-0.00
564		0	12 M2	+0.41	-1.37	+5.31	+10.53	-5.66	-0.02
564		450	12 M2	+0.41	-1.27	+30.78	+10.53	-5.66	-0.02
564		0	13 M3	+0.50	+10.23	+14.09	+30.64	-16.96	+0.04
564		450	13 M3	+0.50	+10.07	+90.42	+30.64	-16.96	+0.04
564		0	14 M4	-0.70	-13.05	+4.37	+11.83	-6.98	-0.09
564		450	14 M4	-0.70	-12.65	+35.79	+11.83	-6.98	-0.09
564		0	15 M5	-0.47	+3.05	+122.68	+75.85	-38.92	-0.02
564		450	15 M5	-0.47	+3.16	+297.80	+75.85	-38.92	-0.02
564		0	16 M6	+1.68	+17.15	+4.71	+6.26	-2.61	+0.08
564		450	16 M6	+1.68	+16.80	+16.44	+6.26	-2.61	+0.08
564		0	17 M7	+0.75	+4.65	-0.77	-3.36	+2.18	+0.03
564		450	17 M7	+0.75	+4.53	-10.59	-3.36	+2.18	+0.03
564	387	0	M+ A	+6.91	+67.97	+537.55	+428.65	+0.00	+0.14
564	388	450	M+ A	+6.91	+67.36	+1538.87	+428.65	+0.00	+0.14
564	387	0	M- A	+0.00	-3.87	+0.00	+0.00	-240.95	-0.17
564	388	450	M- A	+0.00	-3.16	+0.00	+0.00	-204.08	-0.17
565	387	0	0 G	-9.22	+14.10	+0.25	-139.31	-3.98	+0.42
565	389	357	0 G	-9.22	+12.58	-10.65	-139.31	+10.08	+0.42
565		0	1 Q1	-1.93	+24.33	-14.27	-60.10	-16.13	+3.98
565		357	1 Q1	-1.93	+10.12	-7.66	-60.10	+12.43	+3.98
565		0	11 M1	-1.14	+15.70	+1.14	-33.90	+2.83	+2.73
565		357	11 M1	-1.14	+5.95	-8.97	-33.90	+2.83	+2.73
565		0	12 M2	-0.71	-3.75	+1.65	-24.17	+0.65	-0.94
565		357	12 M2	-0.71	-0.40	-0.65	-24.17	+0.65	-0.94
565		0	13 M3	-2.03	+16.97	+2.98	-32.78	+1.58	+3.01
565		357	13 M3	-2.03	+6.22	-2.65	-32.78	+1.58	+3.01
565		0	14 M4	-0.72	-26.21	+1.64	-10.62	+0.68	-5.52
565		357	14 M4	-0.72	-6.51	-0.77	-10.62	+0.68	-5.52
565		0	15 M5	-4.21	-1.00	-15.19	-42.20	-16.01	-1.23
565		357	15 M5	-4.21	+3.40	-0.03	-42.20	+23.99	-1.23
565		0	16 M6	-0.48	+32.21	+0.88	-35.14	+0.41	+6.41
565		357	16 M6	-0.48	+9.32	-0.58	-35.14	+0.41	+6.41
565		0	17 M7	+0.17	+9.03	-0.36	-6.54	-0.17	+1.90
565		357	17 M7	+0.17	+2.25	+0.25	-6.54	-0.17	+1.90
565	387	0	M+ A	+0.00	+92.89	+4.80	+0.00	+0.27	+14.37
565	389	357	M+ A	+0.00	+41.96	+0.00	+0.00	+62.64	+14.37
565	387	0	M- A	-20.79	-25.21	-37.53	-322.52	-46.38	-7.85
565	389	357	M- A	-20.79	+0.00	-35.87	-322.52	+0.00	-7.85
566	130	0	0 G	+0.00	+0.00	-0.00	+11.12	+51.48	-0.03
566	390	555	0 G	+0.00	+0.16	+265.89	+11.12	+39.01	-0.03
566		0	1 Q1	+0.00	+0.00	-0.00	+2.13	+31.19	-0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
566		555	1 Q1	+0.00	+0.24	+173.11	+2.13	+31.19	-0.04
566		0	11 M1	+0.00	+0.00	-0.00	+0.47	+9.73	-0.03
566		555	11 M1	+0.00	+0.18	+54.00	+0.47	+9.73	-0.03
566		0	12 M2	+0.00	+0.00	-0.00	+1.23	+1.37	+0.00
566		555	12 M2	+0.00	-0.03	+7.61	+1.23	+1.37	+0.00
566		0	13 M3	+0.00	+0.00	-0.00	+0.29	+4.02	-0.03
566		555	13 M3	+0.00	+0.14	+22.34	+0.29	+4.02	-0.03
566		0	14 M4	+0.00	+0.00	-0.00	+4.12	+1.62	+0.06
566		555	14 M4	+0.00	-0.34	+9.01	+4.12	+1.62	+0.06
566		0	15 M5	+0.00	+0.00	-0.00	+5.98	+25.52	+0.02
566		555	15 M5	+0.00	-0.09	+141.63	+5.98	+25.52	+0.02
566		0	16 M6	+0.00	+0.00	-0.00	-3.55	+0.85	-0.08
566		555	16 M6	+0.00	+0.42	+4.71	-3.55	+0.85	-0.08
566		0	17 M7	+0.00	+0.00	-0.00	-1.39	-0.49	-0.03
566		555	17 M7	+0.00	+0.15	-2.71	-1.39	-0.49	-0.03
566	130	0	M+ A	+0.00	+0.00	-0.00	+26.65	+148.86	+0.06
566	390	555	M+ A	+0.00	+1.16	+799.78	+26.65	+132.28	+0.06
566	130	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.21
566	390	555	M- A	+0.00	-0.36	-0.00	+0.00	+0.00	-0.21
567	388	0	0 G	-4.56	+0.35	+27.88	-137.98	+8.47	+0.09
567	390	357	0 G	-4.56	+0.02	-27.46	-137.98	+22.53	+0.09
567		0	1 Q1	-3.57	-18.01	-3.23	-59.51	-11.16	-3.69
567		357	1 Q1	-3.57	-4.84	-14.38	-59.51	+17.40	-3.69
567		0	11 M1	-1.52	-12.44	+6.63	-33.57	+5.31	-2.57
567		357	11 M1	-1.52	-3.28	-12.31	-33.57	+5.31	-2.57
567		0	12 M2	-0.23	+4.42	+3.44	-24.11	+1.45	+0.90
567		357	12 M2	-0.23	+1.20	-1.73	-24.11	+1.45	+0.90
567		0	13 M3	-0.64	-13.87	+8.32	-32.53	+3.98	-2.84
567		357	13 M3	-0.64	-3.73	-5.90	-32.53	+3.98	-2.84
567		0	14 M4	-0.21	+27.00	+3.84	-10.45	+1.67	+5.53
567		357	14 M4	-0.21	+7.28	-2.11	-10.45	+1.67	+5.53
567		0	15 M5	-1.62	+7.95	-2.95	-41.48	-10.49	+1.65
567		357	15 M5	-1.62	+2.04	-7.49	-41.48	+29.51	+1.65
567		0	16 M6	-0.22	-31.66	+1.70	-35.19	+0.78	-6.49
567		357	16 M6	-0.22	-8.50	-1.07	-35.19	+0.78	-6.49
567		0	17 M7	+0.03	-9.71	-1.05	-6.68	-0.48	-1.98
567		357	17 M7	+0.03	-2.66	+0.67	-6.68	-0.48	-1.98
567	388	0	M+ A	+0.00	+40.97	+50.11	+0.00	+19.40	+8.41
567	390	357	M+ A	+0.00	+10.93	+0.00	+0.00	+92.94	+8.41
567	388	0	M- A	-13.21	-66.06	+0.00	-319.10	-19.29	-13.51
567	390	357	M- A	-13.21	-17.82	-71.56	-319.10	+0.00	-13.51
568	389	0	0 G	+0.01	-0.03	+234.51	+10.56	-15.07	-0.04
568	390	450	0 G	+0.01	+0.13	+260.00	+10.56	+3.74	-0.04
568		0	1 Q1	+0.00	-0.01	+159.44	-0.18	-2.26	-0.01
568		450	1 Q1	+0.00	+0.05	+169.62	-0.18	-2.26	-0.01
568		0	11 M1	+0.00	-0.01	+49.25	-1.07	-1.13	-0.01
568		450	11 M1	+0.00	+0.03	+54.32	-1.07	-1.13	-0.01
568		0	12 M2	+0.00	-0.00	+5.62	+1.70	-0.37	-0.00
568		450	12 M2	+0.00	+0.01	+7.27	+1.70	-0.37	-0.00
568		0	13 M3	+0.00	-0.01	+16.24	-1.43	-1.09	-0.01
568		450	13 M3	+0.00	+0.03	+21.17	-1.43	-1.09	-0.01
568		0	14 M4	+0.00	-0.00	+6.53	+7.14	-0.45	-0.00
568		450	14 M4	+0.00	+0.01	+8.56	+7.14	-0.45	-0.00
568		0	15 M5	+0.00	-0.01	+126.56	+6.60	-2.51	-0.02
568		450	15 M5	+0.00	+0.06	+137.86	+6.60	-2.51	-0.02
568		0	16 M6	+0.00	-0.00	+3.79	-7.16	-0.17	-0.00
568		450	16 M6	+0.00	+0.00	+4.55	-7.16	-0.17	-0.00
568		0	17 M7	-0.00	+0.00	-1.92	-2.46	+0.14	+0.00
568		450	17 M7	-0.00	-0.00	-2.55	-2.46	+0.14	+0.00
568	389	0	M+ A	+0.02	+0.00	+716.98	+24.76	+0.00	+0.00
568	390	450	M+ A	+0.02	+0.34	+781.58	+24.76	+5.19	+0.00
568	389	0	M- A	+0.00	-0.07	+0.00	-0.44	-26.87	-0.09
568	390	450	M- A	+0.00	+0.00	+0.00	-0.44	-3.08	-0.09
569	389	0	0 G	-2.53	+12.78	-10.66	-139.31	-7.00	+0.44
569	391	357	0 G	-2.53	+11.20	-10.76	-139.31	+7.06	+0.44
569		0	1 Q1	-0.38	+10.38	-7.66	-60.13	-13.76	+1.84
569		357	1 Q1	-0.38	+3.80	-9.53	-60.13	+14.80	+1.84
569		0	11 M1	+1.69	+6.15	-8.97	-33.93	-4.41	+1.26
569		357	11 M1	+1.69	+1.65	+4.77	-33.93	+15.59	+1.26
569		0	12 M2	-0.25	-0.43	-0.65	-24.16	+0.08	-0.37
569		357	12 M2	-0.25	+0.90	-0.95	-24.16	+0.08	-0.37
569		0	13 M3	-0.76	+6.38	-2.65	-32.80	-0.03	+1.35
569		357	13 M3	-0.76	+1.55	-2.55	-32.80	-0.03	+1.35
569		0	14 M4	-0.18	-6.85	-0.77	-10.55	+0.05	-2.45
569		357	14 M4	-0.18	+1.89	-0.94	-10.55	+0.05	-2.45
569		0	15 M5	-2.38	+3.33	-0.03	-42.17	+4.02	-0.54
569		357	15 M5	-2.38	+5.27	-14.39	-42.17	+4.02	-0.54
569		0	16 M6	-0.29	+9.74	-0.58	-35.22	-0.07	+2.94
569		357	16 M6	-0.29	-0.75	-0.33	-35.22	-0.07	+2.94
569		0	17 M7	-0.00	+2.39	+0.25	-6.57	+0.00	+0.86
569		357	17 M7	-0.00	-0.69	+0.23	-6.57	+0.00	+0.86
569	389	0	M+ A	+0.00	+43.05	+0.00	+0.00	+0.00	+6.94
569	391	357	M+ A	+0.00	+27.02	+0.00	+0.00	+48.46	+6.94
569	389	0	M- A	-7.40	+0.00	-35.89	-322.53	-34.71	-3.23
569	391	357	M- A	-7.40	+0.00	-46.11	-322.53	+0.00	-3.23
570	131	0	0 G	+0.00	+0.00	-0.00	+0.68	+33.55	-0.00
570	392	555	0 G	+0.00	+0.02	+166.39	+0.68	+21.09	-0.00
570		0	1 Q1	+0.00	+0.00	-0.00	-0.98	+28.23	-0.03
570		555	1 Q1	+0.00	+0.16	+156.66	-0.98	+28.23	-0.03
570		0	11 M1	+0.00	+0.00	-0.00	-0.74	+21.81	-0.03
570		555	11 M1	+0.00	+0.18	+121.07	-0.74	+21.81	-0.03
570		0	12 M2	+0.00	+0.00	-0.00	+0.34	-0.20	+0.00
570		555	12 M2	+0.00	-0.03	-1.14	+0.34	-0.20	+0.00
570		0	13 M3	+0.00	+0.00	-0.00	-0.83	-1.50	-0.01
570		555	13 M3	+0.00	+0.07	-8.34	-0.83	-1.50	-0.01
570		0	14 M4	+0.00	+0.00	-0.00	+1.89	-0.23	+0.08
570		555	14 M4	+0.00	-0.43	-1.26	+1.89	-0.23	+0.08
570		0	15 M5	+0.00	+0.00	-0.00	+0.85	+7.02	+0.04
570		555	15 M5	+0.00	-0.24	+38.98	+0.85	+7.02	+0.04
570		0	16 M6	+0.00	+0.00	-0.00	-2.15	-0.10	-0.09
570		555	16 M6	+0.00	+0.50	-0.58	-2.15	-0.10	-0.09
570		0	17 M7	+0.00	+0.00	-0.00	-0.66	+0.06	-0.04
570		555	17 M7	+0.00	+0.21	+0.35	-0.66	+0.06	-0.04
570	131	0	M+ A	+0.00	+0.00	-0.00	+3.73	+115.46	+0.11
570	392	555	M+ A	+0.00	+1.00	+614.40	+3.73	+98.87	+0.11
570	131	0	M- A	+0.00	+0.00	-0.00	-3.87	+0.00	-0.18
570	392	555	M- A	+0.00	-0.62	-0.00	-3.87	+0.00	-0.18

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
571	390	0	0 G	+1.33	-0.01	-27.45	-138.05	-12.74	+0.66
571	392	357	0 G	+1.33	-2.36	-7.04	-138.05	+1.31	+0.66
571		0	1 Q1	-0.08	-5.03	-14.38	-59.57	-16.05	-1.37
571		357	1 Q1	-0.08	-0.13	-8.05	-59.57	+12.51	-1.37
571		0	11 M1	-1.85	-3.44	-12.31	-33.61	-5.55	-1.02
571		357	11 M1	-1.85	+0.20	+5.50	-33.61	+14.45	-1.02
571		0	12 M2	+0.12	+1.23	-1.73	-24.11	-0.29	+0.43
571		357	12 M2	+0.12	-0.31	-0.70	-24.11	-0.29	+0.43
571		0	13 M3	+0.53	-3.84	-5.89	-32.57	-1.14	-1.12
571		357	13 M3	+0.53	+0.15	-1.83	-32.57	-1.14	-1.12
571		0	14 M4	+0.25	+7.63	-2.11	-10.39	-0.41	+2.51
571		357	14 M4	+0.25	-1.32	-0.65	-10.39	-0.41	+2.51
571		0	15 M5	+2.16	+2.19	-7.48	-41.47	+1.48	+1.04
571		357	15 M5	+2.16	-1.51	-12.75	-41.47	+1.48	+1.04
571		0	16 M6	-0.06	-8.91	-1.07	-35.26	-0.24	-2.87
571		357	16 M6	-0.06	+1.35	-0.21	-35.26	-0.24	-2.87
571		0	17 M7	-0.13	-2.81	+0.67	-6.71	+0.15	-0.90
571		357	17 M7	-0.13	+0.41	+0.14	-6.71	+0.15	-0.90
571	390	0	M+ A	+5.03	+11.43	+0.00	+0.00	+0.00	+4.65
571	392	357	M+ A	+5.03	+0.00	+1.21	+0.00	+36.58	+4.65
571	390	0	M- A	-1.53	-18.66	-71.55	-319.27	-47.11	-5.09
571	392	357	M- A	-1.53	-5.60	-37.09	-319.27	-0.39	-5.09
572	391	0	0 G	-0.00	-0.12	+179.33	+1.66	-6.89	-0.06
572	392	450	0 G	-0.00	+0.17	+168.00	+1.66	+11.93	-0.06
572		0	1 Q1	-0.00	-0.06	+161.18	-1.97	+1.01	-0.03
572		450	1 Q1	-0.00	+0.06	+156.65	-1.97	+1.01	-0.03
572		0	11 M1	-0.00	-0.03	+120.29	-1.51	+0.50	-0.01
572		450	11 M1	-0.00	+0.03	+118.03	-1.51	+0.50	-0.01
572		0	12 M2	-0.00	-0.00	-0.24	+0.72	+0.16	-0.00
572		450	12 M2	-0.00	+0.01	-0.97	+0.72	+0.16	-0.00
572		0	13 M3	-0.00	-0.03	-4.81	-1.71	+0.49	-0.01
572		450	13 M3	-0.00	+0.03	-7.00	-1.71	+0.49	-0.01
572		0	14 M4	-0.00	+0.01	-0.17	+3.96	+0.20	-0.00
572		450	14 M4	-0.00	+0.03	-1.07	+3.96	+0.20	-0.00
572		0	15 M5	-0.00	-0.05	+48.23	+1.88	+1.12	-0.03
572		450	15 M5	-0.00	+0.08	+43.20	+1.88	+1.12	-0.03
572		0	16 M6	+0.00	-0.03	-0.13	-4.50	+0.07	-0.00
572		450	16 M6	+0.00	-0.01	-0.46	-4.50	+0.07	-0.00
572		0	17 M7	+0.00	-0.00	+0.01	-1.39	-0.06	+0.00
572		450	17 M7	+0.00	-0.01	+0.30	-1.39	-0.06	+0.00
572	391	0	M+ A	+0.00	+0.00	+636.54	+8.15	+0.00	+0.00
572	392	450	M+ A	+0.00	+0.42	+611.97	+8.15	+18.90	+0.00
572	391	0	M- A	-0.00	-0.31	+0.00	-7.74	-9.26	-0.16
572	392	450	M- A	-0.00	+0.00	+0.00	-7.74	+0.00	-0.16
573	391	0	0 G	-0.28	+11.34	-10.76	-139.24	-9.07	+1.66
573	393	357	0 G	-0.28	+5.42	-3.48	-139.24	+4.99	+1.66
573		0	1 Q1	-0.13	+4.03	-9.53	-60.13	-15.20	+0.93
573		357	1 Q1	-0.13	+0.70	-6.25	-60.13	+13.36	+0.93
573		0	11 M1	-1.21	+1.87	+4.77	-33.95	-7.11	+0.53
573		357	11 M1	-1.21	-0.02	-7.27	-33.95	+12.89	+0.53
573		0	12 M2	-0.05	+0.87	-0.95	-24.15	-0.00	+0.05
573		357	12 M2	-0.05	+0.69	-0.94	-24.15	-0.00	+0.05
573		0	13 M3	+0.71	+1.66	-2.55	-32.80	+0.62	+0.50
573		357	13 M3	+0.71	-0.11	-4.75	-32.80	+0.62	+0.50
573		0	14 M4	+0.06	+1.46	-0.94	-10.47	-0.08	-0.36
573		357	14 M4	+0.06	+2.73	-0.66	-10.47	-0.08	-0.36
573		0	15 M5	+2.15	+5.09	-14.39	-42.10	-4.97	+0.53
573		357	15 M5	+2.15	+3.20	+1.55	-42.10	+15.03	+0.53
573		0	16 M6	-0.17	-0.24	-0.33	-35.30	-0.10	+0.64
573		357	16 M6	-0.17	-2.53	+0.03	-35.30	-0.10	+0.64
573		0	17 M7	-0.08	-0.50	+0.23	-6.61	+0.05	+0.15
573		357	17 M7	-0.08	-1.03	+0.05	-6.61	+0.05	+0.15
573	391	0	M+ A	+2.94	+27.18	+0.00	+0.00	+0.00	+4.31
573	393	357	M+ A	+2.94	+12.85	+0.00	+0.00	+43.31	+4.31
573	391	0	M- A	-2.33	+0.00	-46.11	-322.38	-42.50	+0.00
573	393	357	M- A	-2.33	+0.00	-22.16	-322.38	+0.00	+0.00
574	132	0	0 G	+0.00	+0.00	-0.00	-1.17	+35.04	+0.02
574	394	555	0 G	+0.00	-0.11	+174.61	-1.17	+22.57	+0.02
574		0	1 Q1	+0.00	+0.00	-0.00	-0.72	+28.49	-0.01
574		555	1 Q1	+0.00	+0.07	+158.13	-0.72	+28.49	-0.01
574		0	11 M1	+0.00	+0.00	-0.00	-0.40	+13.04	-0.03
574		555	11 M1	+0.00	+0.16	+72.37	-0.40	+13.04	-0.03
574		0	12 M2	+0.00	+0.00	-0.00	-0.01	-0.08	+0.00
574		555	12 M2	+0.00	-0.02	-0.47	-0.01	-0.08	+0.00
574		0	13 M3	+0.00	+0.00	-0.00	-0.41	+3.87	+0.00
574		555	13 M3	+0.00	-0.01	+21.50	-0.41	+3.87	+0.00
574		0	14 M4	+0.00	+0.00	-0.00	+0.31	-0.09	+0.09
574		555	14 M4	+0.00	-0.49	-0.51	+0.31	-0.09	+0.09
574		0	15 M5	+0.00	+0.00	-0.00	-0.40	+23.01	+0.07
574		555	15 M5	+0.00	-0.39	+127.72	-0.40	+23.01	+0.07
574		0	16 M6	+0.00	+0.00	-0.00	-0.51	-0.05	-0.10
574		555	16 M6	+0.00	+0.55	-0.29	-0.51	-0.05	-0.10
574		0	17 M7	+0.00	+0.00	-0.00	-0.11	+0.02	-0.05
574		555	17 M7	+0.00	+0.25	+0.14	-0.11	+0.02	-0.05
574	132	0	M+ A	+0.00	+0.00	-0.00	+0.00	+119.58	+0.16
574	394	555	M+ A	+0.00	+0.81	+637.29	+0.00	+103.00	+0.16
574	132	0	M- A	+0.00	+0.00	-0.00	-3.30	+0.00	-0.15
574	394	555	M- A	+0.00	-0.88	-0.00	-3.30	+0.00	-0.15
575	392	0	0 G	-0.28	-2.22	-7.05	-138.12	-7.85	-0.32
575	394	357	0 G	-0.28	-1.08	-4.12	-138.12	+6.21	-0.32
575		0	1 Q1	-0.07	-0.24	-8.05	-59.63	-14.71	-0.38
575		357	1 Q1	-0.07	+1.13	-6.51	-59.63	+13.85	-0.38
575		0	11 M1	+1.19	+0.05	+5.50	-33.66	-6.86	-0.26
575		357	11 M1	+1.19	+0.96	-7.40	-33.66	+13.14	-0.26
575		0	12 M2	-0.05	-0.27	-0.70	-24.11	+0.08	+0.05
575		357	12 M2	-0.05	-0.43	-0.98	-24.11	+0.08	+0.05
575		0	13 M3	-0.81	+0.10	-1.83	-32.59	+0.85	-0.24
575		357	13 M3	-0.81	+0.95	-4.87	-32.59	+0.85	-0.24
575		0	14 M4	+0.06	-0.87	-0.65	-10.32	+0.02	+0.43
575		357	14 M4	+0.06	-2.41	-0.71	-10.32	+0.02	+0.43
575		0	15 M5	-2.07	-1.19	-12.75	-41.46	-4.43	+0.01
575		357	15 M5	-2.07	-1.22	+1.25	-41.46	+15.57	+0.01
575		0	16 M6	-0.17	+0.84	-0.21	-35.36	-0.06	-0.53
575		357	16 M6	-0.17	+2.73	+0.01	-35.36	-0.06	-0.53
575		0	17 M7	-0.08	+0.19	+0.14	-6.74	+0.02	-0.18
575		357	17 M7	-0.08	+0.82	+0.07	-6.74	+0.02	-0.18
575	392	0	M+ A	+1.50	+0.00	+1.20	+0.00	+0.00	+0.33

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
575	394	357	M+ A	+1.50	+4.20	+0.00	+0.00	+46.28	+0.33
575	392	0	M- A	-3.55	-5.03	-37.10	-319.43	-39.87	-1.63
575	394	357	M- A	-3.55	-5.07	-23.49	-319.43	+0.00	-1.63
576	393	0	0 G	+0.00	-0.18	+172.46	-1.35	-9.96	-0.08
576	394	450	0 G	+0.00	+0.18	+174.96	-1.35	+8.85	-0.08
576		0	1 Q1	+0.00	-0.08	+157.25	-1.23	-0.22	-0.03
576		450	1 Q1	+0.00	+0.07	+158.25	-1.23	-0.22	-0.03
576		0	11 M1	+0.00	-0.04	+73.19	-0.72	-0.11	-0.02
576		450	11 M1	+0.00	+0.03	+73.68	-0.72	-0.11	-0.02
576		0	12 M2	+0.00	-0.01	-0.60	+0.08	-0.04	-0.01
576		450	12 M2	+0.00	+0.01	-0.44	+0.08	-0.04	-0.01
576		0	13 M3	+0.00	-0.04	+22.75	-0.79	-0.11	-0.02
576		450	13 M3	+0.00	+0.03	+23.23	-0.79	-0.11	-0.02
576		0	14 M4	-0.00	-0.00	-0.67	+0.91	-0.04	-0.00
576		450	14 M4	-0.00	+0.02	-0.48	+0.91	-0.04	-0.00
576		0	15 M5	+0.00	-0.07	+125.46	-0.30	-0.24	-0.03
576		450	15 M5	+0.00	+0.08	+126.56	-0.30	-0.24	-0.03
576		0	16 M6	+0.00	-0.02	-0.34	-1.27	-0.02	-0.00
576		450	16 M6	+0.00	+0.00	-0.26	-1.27	-0.02	-0.00
576		0	17 M7	+0.00	+0.00	+0.19	-0.32	+0.01	+0.00
576		450	17 M7	+0.00	-0.01	+0.13	-0.32	+0.01	+0.00
576	393	0	M+ A	+0.00	+0.00	+629.86	+0.02	+0.00	+0.00
576	394	450	M+ A	+0.00	+0.46	+636.17	+0.02	+11.79	+0.00
576	393	0	M- A	+0.00	-0.45	+0.00	-5.37	-13.91	-0.20
576	394	450	M- A	+0.00	+0.00	+0.00	-5.37	+0.00	-0.20
577	393	0	0 G	-0.39	+5.44	-3.48	-139.14	-7.25	+1.51
577	395	358	0 G	-0.39	+0.05	-2.76	-139.14	+6.85	+1.51
577		0	1 Q1	-0.18	+0.84	-6.25	-60.11	-14.76	+0.44
577		358	1 Q1	-0.18	-0.72	-4.66	-60.11	+13.88	+0.44
577		0	11 M1	+0.02	+0.19	-7.27	-33.96	+0.04	+0.21
577		358	11 M1	+0.02	-0.56	-7.41	-33.96	+0.04	+0.21
577		0	12 M2	-0.06	+0.66	-0.94	-24.14	+0.14	+0.14
577		358	12 M2	-0.06	+0.16	-1.45	-24.14	+0.14	+0.14
577		0	13 M3	+2.36	-0.08	-4.75	-32.78	-3.08	+0.13
577		358	13 M3	+2.36	-0.53	+6.28	-32.78	-3.08	+0.13
577		0	14 M4	+0.06	+2.25	-0.66	-10.38	+0.09	+0.25
577		358	14 M4	+0.06	+1.34	-0.97	-10.38	+0.09	+0.25
577		0	15 M5	+0.83	+2.90	+1.55	-42.00	-7.57	+0.65
577		358	15 M5	+0.83	+0.59	-8.75	-42.00	+12.43	+0.65
577		0	16 M6	-0.18	-1.98	+0.02	-35.39	-0.02	-0.12
577		358	16 M6	-0.18	-1.56	+0.10	-35.39	-0.02	-0.12
577		0	17 M7	-0.08	-0.79	+0.05	-6.65	+0.00	-0.06
577		358	17 M7	-0.08	-0.57	+0.04	-6.65	+0.00	-0.06
577	393	0	M+ A	+3.15	+12.59	+0.00	+0.00	+0.00	+3.46
577	395	358	M+ A	+3.15	+2.08	+6.65	+0.00	+43.11	+3.46
577	393	0	M- A	-0.99	+0.00	-22.16	-322.10	-39.88	+0.00
577	395	358	M- A	-0.99	-3.04	-21.74	-322.10	+0.00	+0.00
578	133	0	0 G	+0.00	+0.00	-0.00	-0.54	+35.66	+0.04
578	396	555	0 G	+0.00	-0.25	+178.10	-0.54	+23.20	+0.04
578		0	1 Q1	+0.00	+0.00	-0.00	-0.15	+28.40	+0.00
578		555	1 Q1	+0.00	-0.02	+157.60	-0.15	+28.40	+0.00
578		0	11 M1	+0.00	+0.00	-0.00	-0.05	+13.35	-0.03
578		555	11 M1	+0.00	+0.15	+74.10	-0.05	+13.35	-0.03
578		0	12 M2	+0.00	+0.00	-0.00	-0.05	+0.01	+0.00
578		555	12 M2	+0.00	-0.02	+0.03	-0.05	+0.01	+0.00
578		0	13 M3	+0.00	+0.00	-0.00	-0.05	+21.57	+0.02
578		555	13 M3	+0.00	-0.10	+119.69	-0.05	+21.57	+0.02
578		0	14 M4	+0.00	+0.00	-0.00	-0.13	+0.00	+0.10
578		555	14 M4	+0.00	-0.55	+0.00	-0.13	+0.00	+0.10
578		0	15 M5	+0.00	+0.00	-0.00	-0.26	+29.03	+0.10
578		555	15 M5	+0.00	-0.54	+161.14	-0.26	+29.03	+0.10
578		0	16 M6	+0.00	+0.00	-0.00	+0.08	+0.00	-0.11
578		555	16 M6	+0.00	+0.60	+0.01	+0.08	+0.00	-0.11
578		0	17 M7	+0.00	+0.00	-0.00	+0.04	+0.00	-0.05
578		555	17 M7	+0.00	+0.30	+0.01	+0.04	+0.00	-0.05
578	133	0	M+ A	+0.00	+0.00	-0.00	+0.00	+129.32	+0.21
578	396	555	M+ A	+0.00	+0.66	+691.34	+0.00	+112.74	+0.21
578	133	0	M- A	+0.00	+0.00	-0.00	-1.31	+0.00	-0.12
578	396	555	M- A	+0.00	-1.18	-0.00	-1.31	+0.00	-0.12
579	394	0	0 G	-0.63	-0.79	-4.12	-138.18	-7.51	-0.14
579	396	358	0 G	-0.63	-0.29	-2.48	-138.18	+6.59	-0.14
579		0	1 Q1	-0.18	+1.13	-6.51	-59.67	-14.87	+0.13
579		358	1 Q1	-0.18	+0.68	-4.55	-59.67	+13.77	+0.13
579		0	11 M1	-0.12	+0.84	-7.40	-33.71	-0.01	+0.07
579		358	11 M1	-0.12	+0.58	-7.36	-33.71	-0.01	+0.07
579		0	12 M2	-0.09	-0.39	-0.98	-24.11	+0.13	-0.04
579		358	12 M2	-0.09	-0.24	-1.43	-24.11	+0.13	-0.04
579		0	13 M3	-2.53	+0.99	-4.87	-32.61	-3.13	+0.14
579		358	13 M3	-2.53	+0.49	+6.33	-32.61	-3.13	+0.14
579		0	14 M4	+0.03	-1.90	-0.71	-10.23	+0.07	-0.18
579		358	14 M4	+0.03	-1.27	-0.95	-10.23	+0.07	-0.18
579		0	15 M5	-0.91	-0.75	+1.25	-41.42	-7.68	-0.09
579		358	15 M5	-0.91	-0.42	-8.64	-41.42	+12.32	-0.09
579		0	16 M6	-0.20	+2.18	+0.02	-35.46	-0.03	+0.23
579		358	16 M6	-0.20	+1.36	+0.12	-35.46	-0.03	+0.23
579		0	17 M7	-0.08	+0.56	+0.07	-6.79	+0.01	+0.03
579		358	17 M7	-0.08	+0.43	+0.04	-6.79	+0.01	+0.03
579	394	0	M+ A	+0.00	+3.67	+0.00	+0.00	+0.00	+0.34
579	396	358	M+ A	+0.00	+2.46	+7.01	+0.00	+42.49	+0.34
579	394	0	M- A	-4.84	-3.92	-23.49	-319.54	-40.50	-0.45
579	396	358	M- A	-4.84	-2.30	-21.08	-319.54	+0.00	-0.45
580	395	0	0 G	+0.00	-0.19	+178.52	-1.21	-9.32	-0.08
580	396	450	0 G	+0.00	+0.19	+178.13	-1.21	+9.49	-0.08
580		0	1 Q1	+0.00	-0.08	+157.77	-0.39	+0.04	-0.04
580		450	1 Q1	+0.00	+0.08	+157.61	-0.39	+0.04	-0.04
580		0	11 M1	+0.00	-0.04	+76.15	-0.15	+0.02	-0.02
580		450	11 M1	+0.00	+0.04	+76.07	-0.15	+0.02	-0.02
580		0	12 M2	+0.00	-0.01	+0.07	-0.10	+0.00	-0.01
580		450	12 M2	+0.00	+0.01	+0.05	-0.10	+0.00	-0.01
580		0	13 M3	+0.00	-0.04	+116.41	-0.16	+0.02	-0.02
580		450	13 M3	+0.00	+0.04	+116.33	-0.16	+0.02	-0.02
580		0	14 M4	-0.00	-0.01	+0.04	-0.25	+0.01	-0.01
580		450	14 M4	-0.00	+0.01	+0.01	-0.25	+0.01	-0.01
580		0	15 M5	+0.00	-0.08	+159.30	-0.60	+0.04	-0.04
580		450	15 M5	+0.00	+0.08	+159.12	-0.60	+0.04	-0.04
580		0	16 M6	+0.00	-0.01	+0.02	+0.14	+0.00	-0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
580		450	16 M6	+0.00	+0.01	+0.02	+0.14	+0.00	-0.01
580		0	17 M7	+0.00	+0.01	+0.00	+0.09	-0.00	+0.00
580		450	17 M7	+0.00	-0.01	+0.01	+0.09	-0.00	+0.00
580	395	0	M+ A	+0.00	+0.00	+689.38	+0.00	+0.00	+0.00
580	396	450	M+ A	+0.00	+0.47	+688.36	+0.00	+12.74	+0.00
580	395	0	M- A	+0.00	-0.49	+0.00	-3.04	-12.40	-0.21
580	396	450	M- A	+0.00	+0.00	+0.00	-3.04	+0.00	-0.21
581	395	0	0 G	-0.66	-0.11	-2.76	-138.99	-7.15	+0.88
581	397	357	0 G	-0.66	-3.25	-2.33	-138.99	+6.91	+0.88
581		0	1 Q1	-0.27	-0.68	-4.66	-60.07	-14.60	+0.22
581		357	1 Q1	-0.27	-1.46	-3.51	-60.07	+13.96	+0.22
581		0	11 M1	+1.95	-0.38	-7.41	-33.97	-13.35	+0.12
581		357	11 M1	+1.95	-0.82	+3.86	-33.97	+6.65	+0.12
581		0	12 M2	-0.07	+0.13	-1.45	-24.12	+0.12	+0.09
581		357	12 M2	-0.07	-0.21	-1.89	-24.12	+0.12	+0.09
581		0	13 M3	-1.05	-0.60	+6.28	-32.75	-24.69	+0.03
581		357	13 M3	-1.05	-0.69	-5.60	-32.75	+15.31	+0.03
581		0	14 M4	+0.04	+0.79	-0.97	-10.28	+0.07	+0.14
581		357	14 M4	+0.04	+0.30	-1.22	-10.28	+0.07	+0.14
581		0	15 M5	-1.28	+0.14	-8.75	-41.86	-16.69	+0.32
581		357	15 M5	-1.28	-1.01	-1.15	-41.86	+23.31	+0.32
581		0	16 M6	-0.21	-0.98	+0.10	-35.49	-0.03	-0.05
581		357	16 M6	-0.21	-0.78	+0.21	-35.49	-0.03	-0.05
581		0	17 M7	-0.08	-0.29	+0.04	-6.71	+0.01	-0.02
581		357	17 M7	-0.08	-0.23	+0.02	-6.71	+0.01	-0.02
581	395	0	M+ A	+2.26	+1.08	+6.65	+0.00	+0.00	+1.90
581	397	357	M+ A	+2.26	+0.00	+3.46	+0.00	+58.94	+1.90
581	395	0	M- A	-3.10	-2.33	-21.74	-321.69	-62.01	+0.00
581	397	357	M- A	-3.10	-7.63	-15.22	-321.69	+0.00	+0.00
582	134	0	0 G	+0.00	+0.00	-0.00	-0.17	+35.67	+0.07
582	398	555	0 G	+0.00	-0.38	+178.14	-0.17	+23.20	+0.07
582		0	1 Q1	+0.00	+0.00	-0.00	+0.01	+28.12	+0.02
582		555	1 Q1	+0.00	-0.11	+156.05	+0.01	+28.12	+0.02
582		0	11 M1	+0.00	+0.00	-0.00	+0.02	+27.96	-0.02
582		555	11 M1	+0.00	+0.13	+155.17	+0.02	+27.96	-0.02
582		0	12 M2	+0.00	+0.00	-0.00	-0.03	+0.14	+0.00
582		555	12 M2	+0.00	-0.02	+0.77	-0.03	+0.14	+0.00
582		0	13 M3	+0.00	+0.00	-0.00	+0.02	+14.40	+0.03
582		555	13 M3	+0.00	-0.18	+79.95	+0.02	+14.40	+0.03
582		0	14 M4	+0.00	+0.00	-0.00	-0.13	+0.09	+0.11
582		555	14 M4	+0.00	-0.62	+0.48	-0.13	+0.09	+0.11
582		0	15 M5	+0.00	+0.00	-0.00	-0.12	+20.59	+0.12
582		555	15 M5	+0.00	-0.68	+114.25	-0.12	+20.59	+0.12
582		0	16 M6	+0.00	+0.00	-0.00	+0.14	+0.02	-0.12
582		555	16 M6	+0.00	+0.66	+0.10	+0.14	+0.02	-0.12
582		0	17 M7	+0.00	+0.00	-0.00	+0.04	+0.00	-0.06
582		555	17 M7	+0.00	+0.35	+0.00	+0.04	+0.00	-0.06
582	134	0	M+ A	+0.00	+0.00	-0.00	+0.06	+127.34	+0.30
582	398	555	M+ A	+0.00	+0.61	+680.35	+0.06	+110.76	+0.30
582	134	0	M- A	+0.00	+0.00	-0.00	-0.41	+0.00	-0.11
582	398	555	M- A	+0.00	-1.69	-0.00	-0.41	+0.00	-0.11
583	396	0	0 G	-0.66	+0.14	-2.48	-138.22	-7.11	+0.53
583	398	357	0 G	-0.66	-1.76	-2.18	-138.22	+6.95	+0.53
583		0	1 Q1	-0.19	+0.78	-4.55	-59.71	-14.59	+0.37
583		357	1 Q1	-0.19	-0.53	-3.46	-59.71	+13.97	+0.37
583		0	11 M1	-2.10	+0.47	-7.36	-33.75	-13.34	+0.17
583		357	11 M1	-2.10	-0.13	+3.88	-33.75	+6.66	+0.17
583		0	12 M2	-0.11	-0.21	-1.43	-24.11	+0.13	+0.00
583		357	12 M2	-0.11	-0.22	-1.88	-24.11	+0.13	+0.00
583		0	13 M3	+0.83	+0.63	+6.33	-32.61	-24.68	+0.25
583		357	13 M3	+0.83	-0.26	-5.58	-32.61	+15.32	+0.25
583		0	14 M4	+0.02	-0.71	-0.95	-10.14	+0.07	-0.06
583		357	14 M4	+0.02	-0.51	-1.21	-10.14	+0.07	-0.06
583		0	15 M5	+1.11	+0.19	-8.64	-41.36	-16.68	+0.25
583		357	15 M5	+1.11	-0.71	-1.10	-41.36	+23.32	+0.25
583		0	16 M6	-0.21	+0.76	+0.12	-35.58	-0.03	+0.17
583		357	16 M6	-0.21	+0.16	+0.23	-35.58	-0.03	+0.17
583		0	17 M7	-0.08	+0.12	+0.04	-6.84	+0.01	-0.01
583		357	17 M7	-0.08	+0.17	+0.02	-6.84	+0.01	-0.01
583	396	0	M+ A	+1.01	+2.16	+7.01	+0.00	+0.00	+1.53
583	398	357	M+ A	+1.01	+0.00	+3.64	+0.00	+59.03	+1.53
583	396	0	M- A	-4.23	-0.93	-21.08	-319.58	-61.93	+0.00
583	398	357	M- A	-4.23	-3.99	-14.94	-319.58	+0.00	+0.00
584	397	0	0 G	+0.00	-0.17	+178.17	-0.67	-9.45	-0.08
584	398	450	0 G	+0.00	+0.17	+178.37	-0.67	+9.36	-0.08
584		0	1 Q1	+0.00	-0.07	+156.13	-0.10	-0.02	-0.03
584		450	1 Q1	+0.00	+0.07	+156.21	-0.10	-0.02	-0.03
584		0	11 M1	+0.00	-0.04	+153.10	-0.00	-0.01	-0.02
584		450	11 M1	+0.00	+0.04	+153.14	-0.00	-0.01	-0.02
584		0	12 M2	+0.00	-0.01	+0.74	-0.07	-0.00	-0.00
584		450	12 M2	+0.00	+0.01	+0.76	-0.07	-0.00	-0.00
584		0	13 M3	+0.00	-0.03	+80.60	-0.01	-0.01	-0.02
584		450	13 M3	+0.00	+0.03	+80.63	-0.01	-0.01	-0.02
584		0	14 M4	-0.00	-0.01	+0.46	-0.35	-0.00	-0.00
584		450	14 M4	-0.00	+0.01	+0.47	-0.35	-0.00	-0.00
584		0	15 M5	+0.00	-0.08	+113.71	-0.48	-0.02	-0.03
584		450	15 M5	+0.00	+0.08	+113.78	-0.48	-0.02	-0.03
584		0	16 M6	+0.00	-0.01	+0.09	+0.39	-0.00	-0.00
584		450	16 M6	+0.00	+0.01	+0.11	+0.39	-0.00	-0.00
584		0	17 M7	+0.00	+0.01	+0.00	+0.13	+0.00	+0.00
584		450	17 M7	+0.00	-0.01	+0.00	+0.13	+0.00	+0.00
584	397	0	M+ A	+0.00	+0.00	+677.41	+0.00	+0.00	+0.00
584	398	450	M+ A	+0.00	+0.43	+677.82	+0.00	+12.45	+0.00
584	397	0	M- A	+0.00	-0.44	+0.00	-1.75	-12.62	-0.19
584	398	450	M- A	+0.00	+0.00	+0.00	-1.75	+0.00	-0.19
585	397	0	0 G	-0.85	-3.65	-2.33	-138.81	-6.89	+0.35
585	399	357	0 G	-0.85	-4.91	-2.83	-138.81	+7.17	+0.35
585		0	1 Q1	-0.27	-1.55	-3.51	-60.01	-14.16	+0.10
585		357	1 Q1	-0.27	-1.92	-3.94	-60.01	+14.40	+0.10
585		0	11 M1	-0.16	-0.67	+3.86	-33.98	-1.31	+0.10
585		357	11 M1	-0.16	-1.02	+1.94	-33.98	+18.69	+0.10
585		0	12 M2	-0.13	-0.24	-1.89	-24.11	-0.02	+0.05
585		357	12 M2	-0.13	-0.42	-1.83	-24.11	-0.02	+0.05
585		0	13 M3	-0.43	-0.86	-5.60	-32.70	+0.91	-0.01
585		357	13 M3	-0.43	-0.81	-8.85	-32.70	+0.91	-0.01
585		0	14 M4	+0.00	-0.31	-1.22	-10.16	-0.02	-0.09

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
585		357	14 M4	+0.00	+0.00	-1.16	-10.16	-0.02	-0.09
585		0	15 M5	-1.89	-1.64	-1.15	-41.70	+2.72	-0.04
585		357	15 M5	-1.89	-1.51	-10.87	-41.70	+2.72	-0.04
585		0	16 M6	-0.25	-0.16	+0.21	-35.59	-0.05	+0.19
585		357	16 M6	-0.25	-0.83	+0.39	-35.59	-0.05	+0.19
585		0	17 M7	-0.08	+0.10	+0.02	-6.77	+0.00	+0.07
585		357	17 M7	-0.08	-0.15	-0.00	-6.77	+0.00	+0.07
585	397	0	M+ A	+0.00	+0.00	+3.46	+0.00	+0.00	+0.87
585	399	357	M+ A	+0.00	+0.00	+0.08	+0.00	+52.83	+0.87
585	397	0	M- A	-4.27	-9.03	-15.22	-321.19	-31.91	+0.00
585	399	357	M- A	-4.27	-11.10	-24.27	-321.19	+0.00	+0.00
586	135	0	0 G	+0.00	+0.00	-0.00	-0.88	+35.78	+0.09
586	400	555	0 G	+0.00	-0.51	+178.73	-0.88	+23.31	+0.09
586		0	1 Q1	+0.00	+0.00	-0.00	-0.33	+28.41	+0.04
586		555	1 Q1	+0.00	-0.20	+157.68	-0.33	+28.41	+0.04
586		0	11 M1	+0.00	+0.00	-0.00	-0.17	+27.63	-0.02
586		555	11 M1	+0.00	+0.12	+153.37	-0.17	+27.63	-0.02
586		0	12 M2	+0.00	+0.00	-0.00	-0.03	+0.03	+0.00
586		555	12 M2	+0.00	-0.01	+0.19	-0.03	+0.03	+0.00
586		0	13 M3	+0.00	+0.00	-0.00	-0.18	+12.11	+0.05
586		555	13 M3	+0.00	-0.25	+67.18	-0.18	+12.11	+0.05
586		0	14 M4	+0.00	+0.00	-0.00	-0.13	+0.02	+0.12
586		555	14 M4	+0.00	-0.69	+0.09	-0.13	+0.02	+0.12
586		0	15 M5	+0.00	+0.00	-0.00	-0.56	+7.88	+0.15
586		555	15 M5	+0.00	-0.83	+43.75	-0.56	+7.88	+0.15
586		0	16 M6	+0.00	+0.00	-0.00	+0.17	-0.07	-0.13
586		555	16 M6	+0.00	+0.72	-0.38	+0.17	-0.07	-0.13
586		0	17 M7	+0.00	+0.00	-0.00	+0.05	+0.00	-0.07
586		555	17 M7	+0.00	+0.41	+0.02	+0.05	+0.00	-0.07
586	135	0	M+ A	+0.00	+0.00	-0.00	+0.00	+127.39	+0.39
586	400	555	M+ A	+0.00	+0.58	+680.64	+0.00	+110.81	+0.39
586	135	0	M- A	+0.00	+0.00	-0.00	-2.46	+0.00	-0.10
586	400	555	M- A	+0.00	-2.18	-0.00	-2.46	+0.00	-0.10
587	398	0	0 G	-0.89	-1.21	-2.18	-138.22	-6.89	+1.04
587	400	357	0 G	-0.89	-4.93	-2.66	-138.22	+7.16	+1.04
587		0	1 Q1	-0.35	-0.35	-3.46	-59.72	-14.16	+0.47
587		357	1 Q1	-0.35	-2.03	-3.89	-59.72	+14.40	+0.47
587		0	11 M1	-0.06	-0.22	+3.88	-33.79	-1.31	+0.19
587		357	11 M1	-0.06	-0.90	+1.97	-33.79	+18.69	+0.19
587		0	12 M2	-0.10	-0.19	-1.88	-24.11	-0.02	+0.05
587		357	12 M2	-0.10	-0.36	-1.82	-24.11	-0.02	+0.05
587		0	13 M3	+0.14	-0.05	-5.58	-32.59	+0.91	+0.29
587		357	13 M3	+0.14	-1.07	-8.83	-32.59	+0.91	+0.29
587		0	14 M4	+0.02	+0.12	-1.21	-10.03	-0.02	+0.17
587		357	14 M4	+0.02	-0.48	-1.15	-10.03	-0.02	+0.17
587		0	15 M5	+1.58	+0.05	-1.10	-41.27	+2.72	+0.61
587		357	15 M5	+1.58	-2.13	-10.82	-41.27	+2.72	+0.61
587		0	16 M6	-0.22	-0.49	+0.23	-35.70	-0.05	-0.08
587		357	16 M6	-0.22	-0.21	+0.41	-35.70	-0.05	-0.08
587		0	17 M7	-0.08	-0.19	+0.02	-6.90	+0.01	-0.10
587		357	17 M7	-0.08	+0.17	-0.00	-6.90	+0.01	-0.10
587	398	0	M+ A	+1.48	+0.00	+3.65	+0.00	+0.00	+2.82
587	400	357	M+ A	+1.48	+0.00	+0.29	+0.00	+52.82	+2.82
587	398	0	M- A	-1.96	-2.72	-14.94	-319.51	-31.92	+0.00
587	400	357	M- A	-1.96	-11.98	-23.90	-319.51	+0.00	+0.00
588	399	0	0 G	+0.00	-0.12	+178.88	-0.79	-9.43	-0.05
588	400	450	0 G	+0.00	+0.12	+178.98	-0.79	+9.39	-0.05
588		0	1 Q1	+0.00	-0.05	+157.72	-0.26	-0.01	-0.02
588		450	1 Q1	+0.00	+0.05	+157.75	-0.26	-0.01	-0.02
588		0	11 M1	+0.00	-0.03	+151.25	-0.11	-0.00	-0.01
588		450	11 M1	+0.00	+0.03	+151.27	-0.11	-0.00	-0.01
588		0	12 M2	+0.00	-0.01	+0.19	-0.02	-0.00	-0.00
588		450	12 M2	+0.00	+0.01	+0.20	-0.02	-0.00	-0.00
588		0	13 M3	+0.00	-0.02	+69.74	-0.14	-0.00	-0.01
588		450	13 M3	+0.00	+0.03	+69.75	-0.14	-0.00	-0.01
588		0	14 M4	-0.00	-0.01	+0.10	-0.24	-0.00	-0.00
588		450	14 M4	-0.00	+0.01	+0.11	-0.24	-0.00	-0.00
588		0	15 M5	+0.00	-0.06	+47.61	-0.63	-0.01	-0.03
588		450	15 M5	+0.00	+0.06	+47.64	-0.63	-0.01	-0.03
588		0	16 M6	+0.00	-0.00	-0.44	+0.34	-0.00	-0.00
588		450	16 M6	+0.00	+0.00	-0.43	+0.34	-0.00	-0.00
588		0	17 M7	+0.00	+0.01	+0.01	+0.10	-0.00	+0.00
588		450	17 M7	+0.00	-0.01	+0.01	+0.10	-0.00	+0.00
588	399	0	M+ A	+0.00	+0.00	+677.72	+0.00	+0.00	+0.00
588	400	450	M+ A	+0.00	+0.32	+677.91	+0.00	+12.48	+0.00
588	399	0	M- A	+0.00	-0.31	+0.00	-2.34	-12.56	-0.14
588	400	450	M- A	+0.00	+0.00	+0.00	-2.34	+0.00	-0.14
589	399	0	0 G	-1.01	-5.60	-2.83	-138.61	-6.77	-0.25
589	401	357	0 G	-1.01	-4.73	-3.75	-138.61	+7.29	-0.25
589		0	1 Q1	-0.34	-2.16	-3.94	-59.93	-14.02	-0.09
589		357	1 Q1	-0.34	-1.83	-4.87	-59.93	+14.54	-0.09
589		0	11 M1	-2.33	-0.91	+1.94	-33.98	-8.95	+0.02
589		357	11 M1	-2.33	-0.98	-8.50	-33.98	+11.05	+0.02
589		0	12 M2	-0.16	-0.47	-1.83	-24.10	-0.05	+0.00
589		357	12 M2	-0.16	-0.48	-1.64	-24.10	-0.05	+0.00
589		0	13 M3	+2.08	-1.08	-8.85	-32.63	-11.20	-0.11
589		357	13 M3	+2.08	-0.70	+0.33	-32.63	+8.80	-0.11
589		0	14 M4	-0.02	-0.69	-1.16	-10.03	-0.04	-0.23
589		357	14 M4	-0.02	+0.12	-1.03	-10.03	-0.04	-0.23
589		0	15 M5	+1.86	-2.34	-10.87	-41.52	-5.17	-0.37
589		357	15 M5	+1.86	-1.02	+0.79	-41.52	+14.83	-0.37
589		0	16 M6	-0.33	-0.16	+0.39	-35.71	+0.01	+0.29
589		357	16 M6	-0.33	-1.21	+0.34	-35.71	+0.01	+0.29
589		0	17 M7	-0.09	+0.23	-0.00	-6.84	+0.00	+0.12
589		357	17 M7	-0.09	-0.22	-0.01	-6.84	+0.00	+0.12
589	399	0	M+ A	+2.10	+0.00	+0.08	+0.00	+0.00	+0.19
589	401	357	M+ A	+2.10	+0.00	+0.00	+0.00	+47.35	+0.19
589	399	0	M- A	-5.22	-13.34	-24.27	-320.61	-41.93	-0.98
589	401	357	M- A	-5.22	-10.39	-22.94	-320.61	+0.00	-0.98
590	136	0	0 G	+0.00	+0.00	-0.00	-2.65	+36.21	+0.10
590	402	555	0 G	+0.00	-0.57	+181.11	-2.65	+23.74	+0.10
590		0	1 Q1	+0.00	+0.00	-0.00	-1.10	+28.72	+0.05
590		555	1 Q1	+0.00	-0.25	+159.39	-1.10	+28.72	+0.05
590		0	11 M1	+0.00	+0.00	-0.00	-0.57	+11.79	-0.02
590		555	11 M1	+0.00	+0.13	+65.46	-0.57	+11.79	-0.02
590		0	12 M2	+0.00	+0.00	-0.00	-0.09	-0.16	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
590		555	12 M2	+0.00	-0.00	-0.88	-0.09	-0.16	+0.00
590		0	13 M3	+0.00	+0.00	-0.00	-0.59	+28.39	+0.06
590		555	13 M3	+0.00	-0.31	+157.57	-0.59	+28.39	+0.06
590		0	14 M4	+0.00	+0.00	-0.00	-0.25	-0.07	+0.13
590		555	14 M4	+0.00	-0.75	-0.38	-0.25	-0.07	+0.13
590		0	15 M5	+0.00	+0.00	-0.00	-1.58	+23.15	+0.17
590		555	15 M5	+0.00	-0.94	+128.50	-1.58	+23.15	+0.17
590		0	16 M6	+0.00	+0.00	-0.00	+0.28	-0.66	-0.14
590		555	16 M6	+0.00	+0.78	-3.64	+0.28	-0.66	-0.14
590		0	17 M7	+0.00	+0.00	-0.00	+0.10	-0.02	-0.08
590		555	17 M7	+0.00	+0.45	-0.10	+0.10	-0.02	-0.08
590	136	0	M+ A	+0.00	+0.00	-0.00	+0.00	+129.51	+0.45
590	402	555	M+ A	+0.00	+0.60	+692.40	+0.00	+112.93	+0.45
590	136	0	M- A	+0.00	+0.00	-0.00	-7.38	+0.00	-0.11
590	402	555	M- A	+0.00	-2.52	-0.00	-7.38	+0.00	-0.11
591	400	0	0 G	-1.13	-4.30	-2.66	-138.18	-6.76	+0.95
591	402	357	0 G	-1.13	-7.70	-3.62	-138.18	+7.30	+0.95
591		0	1 Q1	-0.42	-1.78	-3.88	-59.70	-14.02	+0.39
591		357	1 Q1	-0.42	-3.19	-4.82	-59.70	+14.54	+0.39
591		0	11 M1	+2.04	-1.00	+1.97	-33.82	-8.95	+0.13
591		357	11 M1	+2.04	-1.47	-8.48	-33.82	+11.05	+0.13
591		0	12 M2	-0.11	-0.34	-1.82	-24.11	-0.05	+0.04
591		357	12 M2	-0.11	-0.48	-1.63	-24.11	-0.05	+0.04
591		0	13 M3	-2.42	-0.80	-8.83	-32.55	-11.20	+0.25
591		357	13 M3	-2.42	-1.69	+0.35	-32.55	+8.80	+0.25
591		0	14 M4	+0.01	+0.21	-1.15	-9.91	-0.04	+0.27
591		357	14 M4	+0.01	-0.75	-1.02	-9.91	-0.04	+0.27
591		0	15 M5	-2.31	-1.24	-10.82	-41.15	-5.17	+0.68
591		357	15 M5	-2.31	-3.68	+0.83	-41.15	+14.83	+0.68
591		0	16 M6	-0.17	-0.93	+0.41	-35.83	+0.02	-0.25
591		357	16 M6	-0.17	-0.03	+0.36	-35.83	+0.02	-0.25
591		0	17 M7	-0.08	-0.24	-0.00	-6.97	+0.00	-0.15
591		357	17 M7	-0.08	+0.29	-0.01	-6.97	+0.00	-0.15
591	400	0	M+ A	+1.93	+0.00	+0.29	+0.00	+0.00	+2.72
591	402	357	M+ A	+1.93	+0.00	+0.00	+0.00	+47.37	+2.72
591	400	0	M- A	-5.61	-9.79	-23.90	-319.31	-41.91	+0.00
591	402	357	M- A	-5.61	-19.27	-22.66	-319.31	+0.00	+0.00
592	401	0	0 G	+0.00	-0.05	+181.13	-1.06	-9.43	-0.02
592	402	450	0 G	+0.00	+0.05	+181.25	-1.06	+9.38	-0.02
592		0	1 Q1	+0.00	-0.02	+159.34	-0.45	-0.01	-0.01
592		450	1 Q1	+0.00	+0.02	+159.38	-0.45	-0.01	-0.01
592		0	11 M1	+0.00	-0.01	+67.99	-0.23	-0.00	-0.01
592		450	11 M1	+0.00	+0.01	+68.02	-0.23	-0.00	-0.01
592		0	12 M2	+0.00	-0.00	-0.85	-0.01	-0.00	-0.00
592		450	12 M2	+0.00	+0.00	-0.84	-0.01	-0.00	-0.00
592		0	13 M3	+0.00	-0.01	+155.46	-0.26	-0.00	-0.00
592		450	13 M3	+0.00	+0.01	+155.48	-0.26	-0.00	-0.00
592		0	14 M4	+0.00	-0.00	-0.35	-0.15	-0.00	-0.00
592		450	14 M4	+0.00	+0.00	-0.34	-0.15	-0.00	-0.00
592		0	15 M5	+0.00	-0.03	+127.03	-0.78	-0.01	-0.01
592		450	15 M5	+0.00	+0.03	+127.07	-0.78	-0.01	-0.01
592		0	16 M6	+0.00	+0.00	-3.46	+0.26	-0.00	+0.00
592		450	16 M6	+0.00	-0.00	-3.44	+0.26	-0.00	+0.00
592		0	17 M7	+0.00	+0.01	-0.10	+0.07	+0.00	+0.00
592		450	17 M7	+0.00	-0.00	-0.10	+0.07	+0.00	+0.00
592	401	0	M+ A	+0.00	+0.00	+689.20	+0.00	+0.00	+0.00
592	402	450	M+ A	+0.00	+0.13	+689.44	+0.00	+12.47	+0.00
592	401	0	M- A	+0.00	-0.14	+0.00	-3.19	-12.57	-0.06
592	402	450	M- A	+0.00	+0.00	+0.00	-3.19	+0.00	-0.06
593	401	0	0 G	-1.23	-5.69	-3.76	-138.41	-7.06	-0.83
593	403	357	0 G	-1.23	-2.73	-3.65	-138.41	+7.00	-0.83
593		0	1 Q1	-0.48	-2.20	-4.87	-59.85	-14.19	-0.32
593		357	1 Q1	-0.48	-1.06	-5.20	-59.85	+14.37	-0.32
593		0	11 M1	+0.17	-0.89	-8.50	-33.99	-0.75	-0.07
593		357	11 M1	+0.17	-0.65	-5.83	-33.99	-0.75	-0.07
593		0	12 M2	-0.15	-0.54	-1.64	-24.08	+0.10	-0.09
593		357	12 M2	-0.15	-0.23	-2.01	-24.08	+0.10	-0.09
593		0	13 M3	-0.06	-1.06	+0.33	-32.56	-19.59	-0.18
593		357	13 M3	-0.06	-0.41	+2.67	-32.56	+20.41	-0.18
593		0	14 M4	-0.01	-0.65	-1.03	-9.89	+0.03	-0.24
593		357	14 M4	-0.01	+0.22	-1.14	-9.89	+0.03	-0.24
593		0	15 M5	+0.31	-2.03	+0.79	-41.32	-8.33	-0.39
593		357	15 M5	+0.31	-0.63	-11.68	-41.32	+11.67	-0.39
593		0	16 M6	-0.17	-0.50	+0.34	-35.84	+0.67	+0.05
593		357	16 M6	-0.17	-0.68	-2.04	-35.84	+0.67	+0.05
593		0	17 M7	-0.09	+0.21	-0.01	-6.92	+0.02	+0.12
593		357	17 M7	-0.09	-0.22	-0.08	-6.92	+0.02	+0.12
593	401	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
593	403	357	M+ A	+0.00	+0.00	+0.36	+0.00	+55.15	+0.00
593	401	0	M- A	-2.56	-13.10	-22.94	-320.01	-53.81	-2.04
593	403	357	M- A	-2.56	-5.98	-27.90	-320.01	+0.00	-2.04
594	137	0	0 G	+0.00	+0.00	-0.00	-1.17	+36.38	+0.12
594	404	555	0 G	+0.00	-0.64	+182.05	-1.17	+23.91	+0.12
594		0	1 Q1	+0.00	+0.00	-0.00	-0.49	+28.35	+0.06
594		555	1 Q1	+0.00	-0.31	+157.36	-0.49	+28.35	+0.06
594		0	11 M1	+0.00	+0.00	-0.00	-0.25	+14.37	-0.02
594		555	11 M1	+0.00	+0.13	+79.74	-0.25	+14.37	-0.02
594		0	12 M2	+0.00	+0.00	-0.00	-0.05	-0.18	-0.00
594		555	12 M2	+0.00	+0.00	-0.98	-0.05	-0.18	-0.00
594		0	13 M3	+0.00	+0.00	-0.00	-0.25	+29.41	+0.07
594		555	13 M3	+0.00	-0.37	+163.21	-0.25	+29.41	+0.07
594		0	14 M4	+0.00	+0.00	-0.00	-0.08	-0.02	+0.15
594		555	14 M4	+0.00	-0.80	-0.13	-0.08	-0.02	+0.15
594		0	15 M5	+0.00	+0.00	-0.00	-0.63	+27.01	+0.19
594		555	15 M5	+0.00	-1.05	+149.93	-0.63	+27.01	+0.19
594		0	16 M6	+0.00	+0.00	-0.00	+0.03	-0.22	-0.15
594		555	16 M6	+0.00	+0.85	-1.24	+0.03	-0.22	-0.15
594		0	17 M7	+0.00	+0.00	-0.00	+0.03	-0.05	-0.09
594		555	17 M7	+0.00	+0.50	-0.28	+0.03	-0.05	-0.09
594	137	0	M+ A	+0.00	+0.00	-0.00	+0.00	+130.77	+0.51
594	404	555	M+ A	+0.00	+0.63	+699.39	+0.00	+114.19	+0.51
594	137	0	M- A	+0.00	+0.00	-0.00	-3.15	+0.00	-0.11
594	404	555	M- A	+0.00	-2.85	-0.00	-3.15	+0.00	-0.11
595	402	0	0 G	-1.28	-7.08	-3.62	-138.10	-7.06	-0.64
595	404	357	0 G	-1.28	-4.81	-3.50	-138.10	+6.99	-0.64
595		0	1 Q1	-0.41	-2.92	-4.82	-59.67	-14.18	-0.26

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
595		357	1 Q1	-0.41	-1.98	-5.16	-59.67	+14.38	-0.26
595		0	11 M1	-0.52	-1.59	-8.48	-33.85	-0.75	-0.21
595		357	11 M1	-0.52	-0.83	-5.81	-33.85	-0.75	-0.21
595		0	12 M2	-0.15	-0.47	-1.63	-24.11	+0.10	-0.04
595		357	12 M2	-0.15	-0.32	-1.99	-24.11	+0.10	-0.04
595		0	13 M3	-0.34	-1.37	+0.35	-32.50	-19.59	-0.08
595		357	13 M3	-0.34	-1.09	+2.69	-32.50	+20.41	-0.08
595		0	14 M4	-0.03	-0.00	-1.02	-9.78	+0.03	+0.17
595		357	14 M4	-0.03	-0.60	-1.13	-9.78	+0.03	+0.17
595		0	15 M5	-0.88	-2.71	+0.83	-40.99	-8.33	-0.11
595		357	15 M5	-0.88	-2.31	-11.62	-40.99	+11.67	-0.11
595		0	16 M6	-0.37	-0.81	+0.36	-35.97	+0.67	-0.23
595		357	16 M6	-0.37	+0.02	-2.03	-35.97	+0.67	-0.23
595		0	17 M7	-0.08	-0.17	-0.01	-7.05	+0.02	-0.12
595		357	17 M7	-0.08	+0.25	-0.08	-7.05	+0.02	-0.12
595	402	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
595	404	357	M+ A	+0.00	+0.00	+0.54	+0.00	+55.15	+0.00
595	402	0	M- A	-3.47	-16.78	-22.66	-318.98	-53.82	-1.50
595	404	357	M- A	-3.47	-12.03	-27.57	-318.98	+0.00	-1.50
596	403	0	0 G	+0.00	+0.01	+182.05	-0.58	-9.43	+0.01
596	404	450	0 G	+0.00	-0.02	+182.13	-0.58	+9.39	+0.01
596		0	1 Q1	+0.00	+0.00	+158.05	-0.26	-0.02	+0.00
596		450	1 Q1	+0.00	-0.01	+158.14	-0.26	-0.02	+0.00
596		0	11 M1	+0.00	+0.00	+81.06	-0.13	-0.00	+0.00
596		450	11 M1	+0.00	-0.00	+81.07	-0.13	-0.00	+0.00
596		0	12 M2	+0.00	+0.00	-0.94	-0.01	-0.00	+0.00
596		450	12 M2	+0.00	-0.00	-0.93	-0.01	-0.00	+0.00
596		0	13 M3	+0.00	+0.00	+160.67	-0.14	-0.00	+0.00
596		450	13 M3	+0.00	-0.00	+160.68	-0.14	-0.00	+0.00
596		0	14 M4	+0.00	-0.00	-0.12	-0.04	-0.00	+0.00
596		450	14 M4	+0.00	-0.00	-0.11	-0.04	-0.00	+0.00
596		0	15 M5	+0.00	-0.01	+149.66	-0.35	-0.01	-0.00
596		450	15 M5	+0.00	-0.00	+149.70	-0.35	-0.01	-0.00
596		0	16 M6	+0.00	+0.01	+0.20	+0.04	-0.00	+0.00
596		450	16 M6	+0.00	-0.01	+0.20	+0.04	-0.00	+0.00
596		0	17 M7	+0.00	+0.00	-0.27	+0.02	+0.00	+0.00
596		450	17 M7	+0.00	-0.00	-0.27	+0.02	+0.00	+0.00
596	403	0	M+ A	+0.00	+0.04	+696.50	+0.00	+0.00	+0.02
596	404	450	M+ A	+0.00	+0.00	+696.74	+0.00	+12.49	+0.02
596	403	0	M- A	+0.00	+0.00	+0.00	-1.64	-12.57	+0.00
596	404	450	M- A	+0.00	-0.05	+0.00	-1.64	+0.00	+0.00
597	403	0	0 G	-1.52	-3.93	-3.65	-138.20	-7.54	-0.89
597	405	357	0 G	-1.52	-0.76	-1.84	-138.20	+6.52	-0.89
597		0	1 Q1	+0.16	-1.55	-5.20	-59.76	-13.97	-0.35
597		357	1 Q1	+0.16	-0.30	-6.30	-59.76	+14.59	-0.35
597		0	11 M1	+1.43	-0.60	-5.83	-34.00	-15.12	-0.08
597		357	11 M1	+1.43	-0.32	+1.75	-34.00	+24.88	-0.08
597		0	12 M2	-0.14	-0.30	-2.01	-24.07	+0.28	-0.09
597		357	12 M2	-0.14	+0.03	-3.00	-24.07	+0.28	-0.09
597		0	13 M3	-2.65	-0.86	+2.67	-32.48	-9.00	-0.20
597		357	13 M3	-2.65	-0.16	-5.99	-32.48	+11.00	-0.20
597		0	14 M4	-0.03	-0.61	-1.14	-9.74	+0.05	-0.24
597		357	14 M4	-0.03	+0.24	-1.33	-9.74	+0.05	-0.24
597		0	15 M5	-0.05	-1.82	-11.68	-41.10	-15.35	-0.38
597		357	15 M5	-0.05	-0.46	+0.60	-41.10	+23.85	-0.38
597		0	16 M6	+1.23	+0.07	-2.04	-35.98	+0.89	+0.01
597		357	16 M6	+1.23	+0.04	-5.21	-35.98	+0.89	+0.01
597		0	17 M7	-0.07	+0.24	-0.08	-7.00	+0.07	+0.13
597		357	17 M7	-0.07	-0.20	-0.33	-7.00	+0.07	+0.13
597	403	0	M+ A	+0.79	+0.00	+0.36	+0.00	+0.00	+0.00
597	405	357	M+ A	+0.79	+0.00	+0.78	+0.00	+61.44	+0.00
597	403	0	M- A	-6.02	-9.66	-27.90	-319.38	-47.87	-2.14
597	405	357	M- A	-6.02	-2.03	-18.21	-319.38	+0.00	-2.14
598	138	0	0 G	+0.00	+0.00	-0.00	+1.51	+35.78	+0.05
598	406	555	0 G	+0.00	-0.25	+178.76	+1.51	+23.31	+0.05
598		0	1 Q1	+0.00	+0.00	-0.00	+0.62	+32.80	+0.03
598		555	1 Q1	+0.00	-0.14	+182.02	+0.62	+32.80	+0.03
598		0	11 M1	+0.00	+0.00	-0.00	+0.33	+26.10	-0.04
598		555	11 M1	+0.00	+0.22	+144.84	+0.33	+26.10	-0.04
598		0	12 M2	+0.00	+0.00	-0.00	+0.04	+0.04	-0.01
598		555	12 M2	+0.00	+0.07	+0.20	+0.04	+0.04	-0.01
598		0	13 M3	+0.00	+0.00	-0.00	+0.34	+12.00	+0.05
598		555	13 M3	+0.00	-0.28	+66.61	+0.34	+12.00	+0.05
598		0	14 M4	+0.00	+0.00	-0.00	+0.17	+0.05	+0.14
598		555	14 M4	+0.00	-0.78	+0.28	+0.17	+0.05	+0.14
598		0	15 M5	+0.00	+0.00	-0.00	+0.96	+29.33	+0.17
598		555	15 M5	+0.00	-0.94	+162.79	+0.96	+29.33	+0.17
598		0	16 M6	+0.00	+0.00	-0.00	-0.24	+10.43	-0.17
598		555	16 M6	+0.00	+0.95	+57.90	-0.24	+10.43	-0.17
598		0	17 M7	+0.00	+0.00	-0.00	-0.07	-0.02	-0.09
598		555	17 M7	+0.00	+0.52	-0.09	-0.07	-0.02	-0.09
598	138	0	M+ A	+0.00	+0.00	-0.00	+4.29	+135.86	+0.35
598	406	555	M+ A	+0.00	+1.17	+727.66	+4.29	+119.28	+0.35
598	138	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.21
598	406	555	M- A	+0.00	-1.94	-0.00	+0.00	+0.00	-0.21
599	404	0	0 G	-1.35	-4.19	-3.49	-137.98	-7.53	-1.22
599	406	357	0 G	-1.35	+0.17	-1.72	-137.98	+6.53	-1.22
599		0	1 Q1	-1.19	-1.68	-5.16	-59.61	-14.00	-0.50
599		357	1 Q1	-1.19	+0.09	-6.17	-59.61	+14.56	-0.50
599		0	11 M1	-1.85	-0.96	-5.81	-33.87	-15.12	-0.34
599		357	11 M1	-1.85	+0.23	+1.77	-33.87	+24.88	-0.34
599		0	12 M2	-0.20	-0.33	-1.99	-24.11	+0.28	-0.08
599		357	12 M2	-0.20	-0.04	-2.99	-24.11	+0.28	-0.08
599		0	13 M3	+2.19	-0.72	+2.69	-32.44	-9.00	-0.19
599		357	13 M3	+2.19	-0.02	-5.97	-32.44	+11.00	-0.19
599		0	14 M4	-0.05	+0.20	-1.13	-9.64	+0.05	+0.13
599		357	14 M4	-0.05	-0.24	-1.32	-9.64	+0.05	+0.13
599		0	15 M5	-0.65	-1.25	-11.62	-40.80	-15.35	-0.39
599		357	15 M5	-0.65	+0.14	+0.65	-40.80	+23.85	-0.39
599		0	16 M6	-1.81	-0.83	-2.03	-36.12	+0.89	-0.24
599		357	16 M6	-1.81	+0.03	-5.20	-36.12	+0.89	-0.24
599		0	17 M7	-0.08	-0.25	-0.08	-7.14	+0.07	-0.11
599		357	17 M7	-0.08	+0.13	-0.33	-7.14	+0.07	-0.11
599	404	0	M+ A	+1.94	+0.00	+0.54	+0.00	+0.00	+0.00
599	406	357	M+ A	+1.94	+0.68	+0.94	+0.00	+61.43	+0.00
599	404	0	M- A	-5.85	-9.49	-27.57	-318.53	-47.88	-2.80
599	406	357	M- A	-5.85	-0.19	-17.85	-318.53	+0.00	-2.80

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
600	405	0	0 G	+0.00	+0.04	+178.88	+0.31	-9.42	+0.02
600	406	450	0 G	+0.00	-0.05	+178.95	+0.31	+9.39	+0.02
600		0	1 Q1	+0.00	+0.02	+184.00	+0.13	+0.07	+0.01
600		450	1 Q1	+0.00	-0.02	+183.68	+0.13	+0.07	+0.01
600		0	11 M1	+0.00	+0.01	+143.55	+0.07	-0.00	+0.00
600		450	11 M1	+0.00	-0.01	+143.57	+0.07	-0.00	+0.00
600		0	12 M2	+0.00	+0.01	+0.20	+0.00	-0.00	+0.00
600		450	12 M2	+0.00	-0.01	+0.20	+0.00	-0.00	+0.00
600		0	13 M3	+0.00	+0.01	+68.44	+0.08	-0.00	+0.00
600		450	13 M3	+0.00	-0.01	+68.45	+0.08	-0.00	+0.00
600		0	14 M4	+0.00	+0.00	+0.29	+0.06	-0.00	+0.00
600		450	14 M4	+0.00	-0.00	+0.30	+0.06	-0.00	+0.00
600		0	15 M5	+0.00	+0.01	+161.06	+0.27	-0.01	+0.00
600		450	15 M5	+0.00	-0.01	+161.10	+0.27	-0.01	+0.00
600		0	16 M6	+0.00	+0.01	+58.12	-0.12	-0.00	+0.00
600		450	16 M6	+0.00	-0.01	+58.12	-0.12	-0.00	+0.00
600		0	17 M7	+0.00	+0.00	-0.09	-0.02	+0.00	+0.00
600		450	17 M7	+0.00	-0.00	-0.10	-0.02	+0.00	+0.00
600	405	0	M+ A	+0.00	+0.09	+727.91	+0.98	+0.00	+0.04
600	406	450	M+ A	+0.00	+0.00	+727.61	+0.98	+12.59	+0.04
600	405	0	M- A	+0.00	+0.00	+0.00	+0.00	-12.54	+0.00
600	406	450	M- A	+0.00	-0.11	+0.00	+0.00	+0.00	+0.00
601	405	0	0 G	-1.61	-1.63	-1.84	-138.08	-7.41	-0.47
601	407	357	0 G	-1.61	+0.05	-0.48	-138.08	+6.65	-0.47
601		0	1 Q1	+1.71	-0.65	-6.30	-59.71	-18.36	-0.19
601		357	1 Q1	+1.71	+0.05	+0.04	-59.71	+24.22	-0.19
601		0	11 M1	+0.10	-0.18	+1.75	-34.03	-1.22	-0.01
601		357	11 M1	+0.10	-0.13	+1.02	-34.03	+18.38	-0.01
601		0	12 M2	-0.16	+0.02	-3.00	-24.08	+0.24	+0.01
601		357	12 M2	-0.16	+0.00	-3.86	-24.08	+0.24	+0.01
601		0	13 M3	-0.85	-0.53	-5.99	-32.42	-1.01	-0.16
601		357	13 M3	-0.85	+0.04	-2.39	-32.42	-1.01	-0.16
601		0	14 M4	-0.05	-0.57	-1.33	-9.59	-0.00	-0.26
601		357	14 M4	-0.05	+0.36	-1.33	-9.59	-0.00	-0.26
601		0	15 M5	-1.87	-1.55	+0.60	-40.91	-5.49	-0.49
601		357	15 M5	-1.87	+0.20	-10.75	-40.91	+14.11	-0.49
601		0	16 M6	+1.45	+0.89	-5.21	-36.14	-9.55	+0.31
601		357	16 M6	+1.45	-0.23	+4.67	-36.14	+10.45	+0.31
601		0	17 M7	-0.06	+0.28	-0.33	-7.09	+0.09	+0.16
601		357	17 M7	-0.06	-0.29	-0.63	-7.09	+0.09	+0.16
601	405	0	M+ A	+2.47	+0.00	+0.78	+0.00	+0.00	+0.00
601	407	357	M+ A	+2.47	+0.66	+6.57	+0.00	+64.59	+0.00
601	405	0	M- A	-4.98	-5.20	-18.22	-318.93	-47.57	-1.58
601	407	357	M- A	-4.98	-0.37	-16.78	-318.93	+0.00	-1.58
602	139	0	0 G	+0.00	+0.00	-0.00	+0.77	+35.57	-0.03
602	408	555	0 G	+0.00	+0.14	+177.55	+0.77	+23.10	-0.03
602		0	1 Q1	+0.00	+0.00	-0.00	+0.32	+49.17	-0.01
602		555	1 Q1	+0.00	+0.03	+272.91	+0.32	+49.17	-0.01
602		0	11 M1	+0.00	+0.00	-0.00	+0.16	+28.36	-0.06
602		555	11 M1	+0.00	+0.32	+157.39	+0.16	+28.36	-0.06
602		0	12 M2	+0.00	+0.00	-0.00	+0.03	+0.21	-0.03
602		555	12 M2	+0.00	+0.14	+1.19	+0.03	+0.21	-0.03
602		0	13 M3	+0.00	+0.00	-0.00	+0.17	+7.84	+0.03
602		555	13 M3	+0.00	-0.19	+43.50	+0.17	+7.84	+0.03
602		0	14 M4	+0.00	+0.00	-0.00	+0.07	+0.10	+0.14
602		555	14 M4	+0.00	-0.75	+0.53	+0.07	+0.10	+0.14
602		0	15 M5	+0.00	+0.00	-0.00	+0.43	+18.58	+0.15
602		555	15 M5	+0.00	-0.82	+103.09	+0.43	+18.58	+0.15
602		0	16 M6	+0.00	+0.00	-0.00	-0.05	+23.03	-0.19
602		555	16 M6	+0.00	+1.05	+127.83	-0.05	+23.03	-0.19
602		0	17 M7	+0.00	+0.00	-0.00	-0.03	+0.02	-0.10
602		555	17 M7	+0.00	+0.54	+0.13	-0.03	+0.02	-0.10
602	139	0	M+ A	+0.00	+0.00	-0.00	+2.10	+156.22	+0.20
602	408	555	M+ A	+0.00	+1.82	+840.65	+2.10	+139.64	+0.20
602	139	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.33
602	408	555	M- A	+0.00	-1.09	-0.00	+0.00	+0.00	-0.33
603	406	0	0 G	-1.55	+0.37	-1.72	-137.91	-7.39	-0.02
603	408	357	0 G	-1.55	+0.46	-0.42	-137.91	+6.67	-0.02
603		0	1 Q1	-2.85	+0.22	-6.17	-59.58	-18.16	-0.00
603		357	1 Q1	-2.85	+0.22	+0.13	-59.58	+24.12	-0.00
603		0	11 M1	-0.58	+0.00	+1.77	-33.91	-1.22	-0.08
603		357	11 M1	-0.58	+0.30	+1.04	-33.91	+18.38	-0.08
603		0	12 M2	-0.21	-0.12	-2.99	-24.12	+0.24	-0.04
603		357	12 M2	-0.21	+0.04	-3.85	-24.12	+0.24	-0.04
603		0	13 M3	+0.35	+0.25	-5.97	-32.38	-1.01	+0.07
603		357	13 M3	+0.35	+0.00	-2.38	-32.38	-1.01	+0.07
603		0	14 M4	-0.06	+0.53	-1.32	-9.49	-0.00	+0.23
603		357	14 M4	-0.06	-0.29	-1.31	-9.49	-0.00	+0.23
603		0	15 M5	+1.05	+1.07	+0.65	-40.63	-5.49	+0.30
603		357	15 M5	+1.05	-0.01	-10.71	-40.63	+14.11	+0.30
603		0	16 M6	-2.03	-0.92	-5.20	-36.29	-9.54	-0.36
603		357	16 M6	-2.03	+0.35	+4.66	-36.29	+10.46	-0.36
603		0	17 M7	-0.07	-0.39	-0.33	-7.23	+0.09	-0.16
603		357	17 M7	-0.07	+0.16	-0.65	-7.23	+0.09	-0.16
603	406	0	M+ A	+0.02	+2.34	+0.94	+0.00	+0.00	+0.43
603	408	357	M+ A	+0.02	+1.38	+6.71	+0.00	+64.48	+0.43
603	406	0	M- A	-8.49	-1.01	-17.84	-318.21	-47.24	-0.57
603	408	357	M- A	-8.49	+0.00	-16.63	-318.21	+0.00	-0.57
604	407	0	0 G	+0.00	+0.05	+177.64	+0.72	-9.41	+0.02
604	408	450	0 G	+0.00	-0.05	+177.65	+0.72	+9.40	+0.02
604		0	1 Q1	+0.00	+0.02	+270.83	+0.30	+0.04	+0.01
604		450	1 Q1	+0.00	-0.02	+270.65	+0.30	+0.04	+0.01
604		0	11 M1	+0.00	+0.01	+156.53	+0.15	-0.00	+0.00
604		450	11 M1	+0.00	-0.01	+156.54	+0.15	-0.00	+0.00
604		0	12 M2	+0.00	+0.01	+1.17	+0.06	+0.00	+0.00
604		450	12 M2	+0.00	-0.01	+1.16	+0.06	+0.00	+0.00
604		0	13 M3	+0.00	+0.01	+45.68	+0.15	-0.00	+0.00
604		450	13 M3	+0.00	-0.01	+45.68	+0.15	-0.00	+0.00
604		0	14 M4	+0.00	+0.00	+0.52	+0.05	-0.00	+0.00
604		450	14 M4	+0.00	-0.00	+0.53	+0.05	-0.00	+0.00
604		0	15 M5	+0.00	+0.01	+105.51	+0.34	-0.00	+0.00
604		450	15 M5	+0.00	-0.01	+105.53	+0.34	-0.00	+0.00
604		0	16 M6	+0.00	+0.01	+124.27	+0.04	+0.00	+0.00
604		450	16 M6	+0.00	-0.01	+124.26	+0.04	+0.00	+0.00
604		0	17 M7	+0.00	+0.00	+0.13	-0.01	+0.00	+0.00
604		450	17 M7	+0.00	-0.00	+0.12	-0.01	+0.00	+0.00
604	407	0	M+ A	+0.00	+0.11	+836.68	+1.88	+0.00	+0.05

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
604	408	450	M+ A	+0.00	+0.00	+836.46	+1.88	+12.57	+0.05
604	407	0	M- A	+0.00	+0.00	+0.00	+0.00	-12.52	+0.00
604	408	450	M- A	+0.00	-0.11	+0.00	+0.00	+0.00	+0.00
605	407	0	0 G	-1.65	-0.42	-0.48	-138.02	-7.06	+0.07
605	409	358	0 G	-1.65	-0.67	-0.44	-138.02	+7.04	+0.07
605		0	1 Q1	-0.61	-0.13	+0.04	-59.69	-25.04	+0.03
605		358	1 Q1	-0.61	-0.23	+0.19	-59.69	+24.96	+0.03
605		0	11 M1	-0.80	+0.10	+1.02	-34.07	-9.99	+0.09
605		358	11 M1	-0.80	-0.22	+1.68	-34.07	+9.61	+0.09
605		0	12 M2	-0.18	+0.07	-3.86	-24.09	+0.02	+0.08
605		358	12 M2	-0.18	-0.20	-3.94	-24.09	+0.02	+0.08
605		0	13 M3	+1.31	-0.24	-2.39	-32.37	-8.85	-0.07
605		358	13 M3	+1.31	+0.00	-6.51	-32.37	+11.15	-0.07
605		0	14 M4	-0.08	-0.42	-1.33	-9.45	-0.10	-0.24
605		358	14 M4	-0.08	+0.44	-0.97	-9.45	-0.10	-0.24
605		0	15 M5	+0.46	-0.78	-10.75	-40.74	-4.48	-0.37
605		358	15 M5	+0.46	+0.53	+0.19	-40.74	+15.12	-0.37
605		0	16 M6	-2.11	+0.73	+4.67	-36.32	-12.58	+0.47
605		358	16 M6	-2.11	-0.94	-10.09	-36.32	+7.42	+0.47
605		0	17 M7	-0.04	+0.22	-0.63	-7.19	+0.06	+0.17
605		358	17 M7	-0.04	-0.39	-0.86	-7.19	+0.06	+0.17
605	407	0	M+ A	+0.32	+0.67	+6.56	+0.00	+0.00	+0.82
605	409	358	M+ A	+0.32	+0.13	+2.28	+0.00	+62.81	+0.82
605	407	0	M- A	-6.02	-1.87	-16.78	-318.64	-60.30	-0.48
605	409	358	M- A	-6.02	-2.55	-15.73	-318.64	+0.00	-0.48
606	140	0	0 G	+0.00	+0.00	-0.00	+0.27	+35.59	-0.10
606	410	555	0 G	+0.00	+0.55	+177.68	+0.27	+23.12	-0.10
606		0	1 Q1	+0.00	+0.00	-0.00	+0.11	+49.13	-0.04
606		555	1 Q1	+0.00	+0.20	+272.69	+0.11	+49.13	-0.04
606		0	11 M1	+0.00	+0.00	-0.00	+0.03	+24.57	-0.08
606		555	11 M1	+0.00	+0.42	+136.36	+0.03	+24.57	-0.08
606		0	12 M2	+0.00	+0.00	-0.00	+0.07	+0.24	-0.04
606		555	12 M2	+0.00	+0.21	+1.30	+0.07	+0.24	-0.04
606		0	13 M3	+0.00	+0.00	-0.00	+0.02	+18.90	+0.02
606		555	13 M3	+0.00	-0.09	+104.87	+0.02	+18.90	+0.02
606		0	14 M4	+0.00	+0.00	-0.00	-0.04	+0.03	+0.13
606		555	14 M4	+0.00	-0.72	+0.18	-0.04	+0.03	+0.13
606		0	15 M5	+0.00	+0.00	-0.00	-0.10	+25.57	+0.13
606		555	15 M5	+0.00	-0.71	+141.91	-0.10	+25.57	+0.13
606		0	16 M6	+0.00	+0.00	-0.00	+0.26	+9.23	-0.21
606		555	16 M6	+0.00	+1.16	+51.21	+0.26	+9.23	-0.21
606		0	17 M7	+0.00	+0.00	-0.00	+0.03	+0.07	-0.10
606		555	17 M7	+0.00	+0.57	+0.38	+0.03	+0.07	-0.10
606	140	0	M+ A	+0.00	+0.00	-0.00	+0.90	+152.02	+0.10
606	410	555	M+ A	+0.00	+2.74	+817.31	+0.90	+135.43	+0.10
606	140	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.49
606	410	555	M- A	+0.00	-0.54	-0.00	+0.00	+0.00	-0.49
607	408	0	0 G	-1.65	+0.26	-0.42	-137.91	-7.03	+0.02
607	410	358	0 G	-1.65	+0.17	-0.49	-137.91	+7.07	+0.02
607		0	1 Q1	-0.59	+0.18	+0.13	-59.58	-25.01	+0.01
607		358	1 Q1	-0.59	+0.13	+0.17	-59.58	+24.99	+0.01
607		0	11 M1	+0.27	-0.03	+1.04	-33.97	-9.98	-0.07
607		358	11 M1	+0.27	+0.22	+1.68	-33.97	+9.62	-0.07
607		0	12 M2	-0.18	-0.11	-3.85	-24.14	+0.03	-0.07
607		358	12 M2	-0.18	+0.13	-3.96	-24.14	+0.03	-0.07
607		0	13 M3	-1.83	+0.18	-2.38	-32.34	-8.84	+0.08
607		358	13 M3	-1.83	-0.12	-6.52	-32.34	+11.16	+0.08
607		0	14 M4	-0.06	+0.46	-1.31	-9.36	-0.10	+0.25
607		358	14 M4	-0.06	-0.42	-0.96	-9.36	-0.10	+0.25
607		0	15 M5	-1.39	+0.81	-10.71	-40.48	-4.47	+0.40
607		358	15 M5	-1.39	-0.61	+0.20	-40.48	+15.13	+0.40
607		0	16 M6	+1.55	-0.71	+4.66	-36.47	-12.57	-0.45
607		358	16 M6	+1.55	+0.89	-10.12	-36.47	+7.43	-0.45
607		0	17 M7	-0.06	-0.39	-0.65	-7.33	+0.07	-0.17
607		358	17 M7	-0.06	+0.23	-0.88	-7.33	+0.07	-0.17
607	408	0	M+ A	+0.68	+1.75	+6.71	+0.00	+0.00	+0.64
607	410	358	M+ A	+0.68	+1.71	+2.21	+0.00	+62.91	+0.64
607	408	0	M- A	-5.59	-0.80	-16.63	-318.05	-60.21	-0.65
607	410	358	M- A	-5.59	-0.75	-15.85	-318.05	+0.00	-0.65
608	409	0	0 G	+0.00	+0.05	+177.66	+0.73	-9.41	+0.02
608	410	450	0 G	+0.00	-0.05	+177.66	+0.73	+9.41	+0.02
608		0	1 Q1	+0.00	+0.02	+270.36	+0.31	-0.01	+0.01
608		450	1 Q1	+0.00	-0.02	+270.41	+0.31	-0.01	+0.01
608		0	11 M1	+0.00	+0.01	+136.17	+0.13	-0.00	+0.00
608		450	11 M1	+0.00	-0.01	+136.17	+0.13	-0.00	+0.00
608		0	12 M2	+0.00	+0.01	+1.27	+0.11	+0.00	+0.00
608		450	12 M2	+0.00	-0.01	+1.26	+0.11	+0.00	+0.00
608		0	13 M3	+0.00	+0.01	+105.73	+0.11	+0.00	+0.00
608		450	13 M3	+0.00	-0.01	+105.73	+0.11	+0.00	+0.00
608		0	14 M4	+0.00	+0.00	+0.18	-0.02	-0.00	+0.00
608		450	14 M4	+0.00	-0.00	+0.19	-0.02	-0.00	+0.00
608		0	15 M5	+0.00	+0.01	+140.86	+0.07	-0.00	+0.01
608		450	15 M5	+0.00	-0.01	+140.87	+0.07	-0.00	+0.01
608		0	16 M6	+0.00	+0.01	+54.43	+0.33	+0.00	+0.00
608		450	16 M6	+0.00	-0.01	+54.42	+0.33	+0.00	+0.00
608		0	17 M7	+0.00	+0.00	+0.35	+0.04	+0.00	+0.00
608		450	17 M7	+0.00	-0.00	+0.34	+0.04	+0.00	+0.00
608	409	0	M+ A	+0.00	+0.12	+812.57	+1.89	+0.00	+0.05
608	410	450	M+ A	+0.00	+0.00	+812.65	+1.89	+12.52	+0.05
608	409	0	M- A	+0.00	+0.00	+0.00	+0.00	-12.53	+0.00
608	410	450	M- A	+0.00	-0.11	+0.00	+0.00	+0.00	+0.00
609	409	0	0 G	-1.56	-0.75	-0.44	-138.04	-6.66	+0.09
609	411	357	0 G	-1.56	-1.06	-1.75	-138.04	+7.40	+0.09
609		0	1 Q1	-2.88	-0.23	+0.19	-59.70	-24.16	+0.04
609		357	1 Q1	-2.88	-0.37	-6.23	-59.70	+18.12	+0.04
609		0	11 M1	-1.00	+0.11	+1.68	-34.14	-14.95	+0.11
609		357	11 M1	-1.00	-0.27	-9.81	-34.14	+4.65	+0.11
609		0	12 M2	-0.19	-0.07	-3.94	-24.12	-0.21	+0.07
609		357	12 M2	-0.19	-0.33	-3.21	-24.12	-0.21	+0.07
609		0	13 M3	+2.18	-0.18	-6.51	-32.35	-7.74	-0.04
609		357	13 M3	+2.18	-0.02	+14.73	-32.35	+32.26	-0.04
609		0	14 M4	-0.09	-0.31	-0.97	-9.32	-0.13	-0.22
609		357	14 M4	-0.09	+0.49	-0.50	-9.32	-0.13	-0.22
609		0	15 M5	-0.61	-0.33	+0.19	-40.59	-10.45	-0.29
609		357	15 M5	-0.61	+0.71	+2.61	-40.59	+9.15	-0.29
609		0	16 M6	+1.16	+0.12	-10.09	-36.51	-1.80	+0.41

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
609		357	16 M6	+1.16	-1.33	-3.67	-36.51	-1.80	+0.41
609		0	17 M7	-0.03	+0.14	-0.86	-7.29	+0.00	+0.17
609		357	17 M7	-0.03	-0.47	-0.86	-7.29	+0.00	+0.17
609	409	0	M+ A	+1.71	+0.00	+2.28	+0.00	+0.00	+0.77
609	411	357	M+ A	+1.71	+0.01	+20.35	+0.00	+77.40	+0.77
609	409	0	M- A	-7.48	-1.75	-15.74	-318.53	-60.93	-0.35
609	411	357	M- A	-7.48	-3.82	-23.63	-318.53	+0.00	-0.35
610	141	0	0 G	+0.00	+0.00	-0.00	+0.09	+35.82	-0.17
610	412	555	0 G	+0.00	+0.94	+178.98	+0.09	+23.35	-0.17
610		0	1 Q1	+0.00	+0.00	-0.00	+0.04	+32.71	-0.07
610		555	1 Q1	+0.00	+0.38	+181.54	+0.04	+32.71	-0.07
610		0	11 M1	+0.00	+0.00	-0.00	-0.03	+19.16	-0.09
610		555	11 M1	+0.00	+0.52	+106.31	-0.03	+19.16	-0.09
610		0	12 M2	+0.00	+0.00	-0.00	+0.11	+0.07	-0.05
610		555	12 M2	+0.00	+0.28	+0.37	+0.11	+0.07	-0.05
610		0	13 M3	+0.00	+0.00	-0.00	-0.06	+36.65	-0.00
610		555	13 M3	+0.00	+0.00	+203.42	-0.06	+36.65	-0.00
610		0	14 M4	+0.00	+0.00	-0.00	-0.11	-0.03	+0.13
610		555	14 M4	+0.00	-0.70	-0.15	-0.11	-0.03	+0.13
610		0	15 M5	+0.00	+0.00	-0.00	-0.42	+24.98	+0.11
610		555	15 M5	+0.00	-0.59	+138.62	-0.42	+24.98	+0.11
610		0	16 M6	+0.00	+0.00	-0.00	+0.53	+19.50	-0.23
610		555	16 M6	+0.00	+1.26	+108.23	+0.53	+19.50	-0.23
610		0	17 M7	+0.00	+0.00	-0.00	+0.08	+0.04	-0.11
610		555	17 M7	+0.00	+0.59	+0.21	+0.08	+0.04	-0.11
610	141	0	M+ A	+0.00	+0.00	-0.00	+0.97	+146.78	+0.02
610	412	555	M+ A	+0.00	+3.66	+788.26	+0.97	+130.20	+0.02
610	141	0	M- A	+0.00	+0.00	-0.00	-0.54	+0.00	-0.66
610	412	555	M- A	+0.00	-0.10	-0.00	-0.54	+0.00	-0.66
611	410	0	0 G	-1.63	-0.43	-0.49	-137.99	-6.64	-0.44
611	412	357	0 G	-1.63	+1.15	-1.87	-137.99	+7.41	-0.44
611		0	1 Q1	+1.70	-0.09	+0.17	-59.60	-24.15	-0.18
611		357	1 Q1	+1.70	+0.56	-6.26	-59.60	+18.13	-0.18
611		0	11 M1	+0.46	-0.20	+1.68	-34.04	-14.95	-0.17
611		357	11 M1	+0.46	+0.41	-9.82	-34.04	+4.65	-0.17
611		0	12 M2	-0.14	-0.08	-3.96	-24.18	-0.20	-0.12
611		357	12 M2	-0.14	+0.33	-3.23	-24.18	-0.20	-0.12
611		0	13 M3	-2.68	-0.04	-6.52	-32.32	-7.74	-0.01
611		357	13 M3	-2.68	-0.01	+14.72	-32.32	+32.26	-0.01
611		0	14 M4	-0.08	+0.30	-0.96	-9.23	-0.13	+0.22
611		357	14 M4	-0.08	-0.49	-0.50	-9.23	-0.13	+0.22
611		0	15 M5	-0.35	+0.08	+0.21	-40.35	-10.44	+0.22
611		357	15 M5	-0.35	-0.72	+2.60	-40.35	+9.16	+0.22
611		0	16 M6	-1.66	-0.28	-10.12	-36.68	-1.80	-0.52
611		357	16 M6	-1.66	+1.56	-3.70	-36.68	-1.80	-0.52
611		0	17 M7	-0.02	-0.34	-0.88	-7.43	+0.00	-0.18
611		357	17 M7	-0.02	+0.29	-0.89	-7.43	+0.00	-0.18
611	410	0	M+ A	+1.39	+0.03	+2.21	+0.00	+0.00	+0.00
611	412	357	M+ A	+1.39	+4.48	+20.21	+0.00	+77.43	+0.00
611	410	0	M- A	-6.22	-1.18	-15.84	-318.05	-60.90	-1.56
611	412	357	M- A	-6.22	+0.00	-23.82	-318.05	+0.00	-1.56
612	411	0	0 G	+0.00	+0.06	+178.96	+0.32	-9.39	+0.03
612	412	450	0 G	+0.00	-0.05	+178.90	+0.32	+9.42	+0.03
612		0	1 Q1	+0.00	+0.02	+183.16	+0.13	+0.01	+0.01
612		450	1 Q1	+0.00	-0.02	+183.14	+0.13	+0.01	+0.01
612		0	11 M1	+0.00	+0.01	+108.45	+0.05	+0.00	+0.00
612		450	11 M1	+0.00	-0.01	+108.45	+0.05	+0.00	+0.00
612		0	12 M2	+0.00	+0.01	+0.35	+0.08	+0.00	+0.00
612		450	12 M2	+0.00	-0.01	+0.33	+0.08	+0.00	+0.00
612		0	13 M3	+0.00	+0.01	+198.29	+0.03	+0.00	+0.00
612		450	13 M3	+0.00	-0.01	+198.28	+0.03	+0.00	+0.00
612		0	14 M4	+0.00	+0.00	-0.14	-0.04	-0.00	+0.00
612		450	14 M4	+0.00	-0.00	-0.14	-0.04	-0.00	+0.00
612		0	15 M5	+0.00	+0.01	+135.98	-0.10	+0.00	+0.01
612		450	15 M5	+0.00	-0.01	+135.98	-0.10	+0.00	+0.01
612		0	16 M6	+0.00	+0.01	+108.17	+0.28	+0.00	+0.00
612		450	16 M6	+0.00	-0.00	+108.15	+0.28	+0.00	+0.00
612		0	17 M7	+0.00	+0.01	+0.20	+0.04	+0.00	+0.00
612		450	17 M7	+0.00	-0.00	+0.18	+0.04	+0.00	+0.00
612	411	0	M+ A	+0.00	+0.13	+782.73	+1.02	+0.00	+0.05
612	412	450	M+ A	+0.00	+0.00	+782.59	+1.02	+12.55	+0.05
612	411	0	M- A	+0.00	+0.00	+0.00	+0.00	-12.49	+0.00
612	412	450	M- A	+0.00	-0.12	+0.00	+0.00	+0.00	+0.00
613	411	0	0 G	-1.37	-0.75	-1.76	-138.13	-6.53	-0.96
613	413	357	0 G	-1.37	+2.69	-3.54	-138.13	+7.53	-0.96
613		0	1 Q1	-1.22	-0.21	-6.23	-59.74	-14.58	-0.40
613		357	1 Q1	-1.22	+1.21	-5.14	-59.74	+13.98	-0.40
613		0	11 M1	+1.15	+0.16	-9.81	-34.22	-14.51	-0.07
613		357	11 M1	+1.15	+0.40	+3.18	-34.22	+5.09	-0.07
613		0	12 M2	-0.17	-0.13	-3.21	-24.16	-0.27	-0.10
613		357	12 M2	-0.17	+0.22	-2.25	-24.16	-0.27	-0.10
613		0	13 M3	-2.92	-0.12	+14.73	-32.33	-4.39	-0.16
613		357	13 M3	-2.92	+0.46	-11.39	-32.33	+15.61	-0.16
613		0	14 M4	-0.09	-0.24	-0.50	-9.19	-0.11	-0.17
613		357	14 M4	-0.09	+0.36	-0.12	-9.19	-0.11	-0.17
613		0	15 M5	-3.24	-0.03	+2.61	-40.47	-15.83	-0.26
613		357	15 M5	-3.24	+0.91	-5.57	-40.47	+3.77	-0.26
613		0	16 M6	+1.16	-0.17	-3.67	-36.73	-21.29	-0.18
613		357	16 M6	+1.16	+0.46	-8.85	-36.73	+18.71	-0.18
613		0	17 M7	-0.00	+0.07	-0.86	-7.39	-0.03	+0.13
613		357	17 M7	-0.00	-0.38	-0.74	-7.39	-0.03	+0.13
613	411	0	M+ A	+0.37	+0.00	+20.35	+0.00	+0.00	+0.00
613	413	357	M+ A	+0.37	+6.40	+1.23	+0.00	+52.89	+0.00
613	411	0	M- A	-8.00	-1.60	-23.63	-318.58	-56.07	-2.17
613	413	357	M- A	-8.00	+0.00	-27.25	-318.58	+0.00	-2.17
614	142	0	0 G	+0.00	+0.00	-0.00	-0.67	+36.43	-0.24
614	414	555	0 G	+0.00	+1.32	+182.34	-0.67	+23.96	-0.24
614		0	1 Q1	+0.00	+0.00	-0.00	-0.27	+28.35	-0.10
614		555	1 Q1	+0.00	+0.54	+157.35	-0.27	+28.35	-0.10
614		0	11 M1	+0.00	+0.00	-0.00	-0.10	+29.89	-0.11
614		555	11 M1	+0.00	+0.61	+165.89	-0.10	+29.89	-0.11
614		0	12 M2	+0.00	+0.00	-0.00	-0.12	-0.16	-0.06
614		555	12 M2	+0.00	+0.35	-0.90	-0.12	-0.16	-0.06
614		0	13 M3	+0.00	+0.00	-0.00	-0.07	+16.85	-0.02
614		555	13 M3	+0.00	+0.09	+93.54	-0.07	+16.85	-0.02
614		0	14 M4	+0.00	+0.00	-0.00	+0.04	-0.08	+0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
614		555	14 M4	+0.00	-0.67	-0.42	+0.04	-0.08	+0.12
614		0	15 M5	+0.00	+0.00	-0.00	+0.06	+5.17	+0.09
614		555	15 M5	+0.00	-0.48	+28.71	+0.06	+5.17	+0.09
614		0	16 M6	+0.00	+0.00	-0.00	-0.42	+29.29	-0.25
614		555	16 M6	+0.00	+1.36	+162.57	-0.42	+29.29	-0.25
614		0	17 M7	+0.00	+0.00	-0.00	-0.04	-0.01	-0.11
614		555	17 M7	+0.00	+0.61	-0.06	-0.04	-0.01	-0.11
614	142	0	M+ A	+0.00	+0.00	-0.00	+0.00	+131.56	+0.00
614	414	555	M+ A	+0.00	+4.51	+703.77	+0.00	+114.98	+0.00
614	142	0	M- A	+0.00	+0.00	-0.00	-1.88	+0.00	-0.81
614	414	555	M- A	+0.00	+0.00	-0.00	-1.88	+0.00	-0.81
615	412	0	0 G	-1.54	+0.15	-1.87	-138.13	-6.52	-0.67
615	414	357	0 G	-1.54	+2.54	-3.68	-138.13	+7.54	-0.67
615		0	1 Q1	+0.10	+0.16	-6.26	-59.66	-14.58	-0.27
615		357	1 Q1	+0.10	+1.12	-5.19	-59.66	+13.98	-0.27
615		0	11 M1	-1.68	-0.12	-9.82	-34.13	-14.51	-0.24
615		357	11 M1	-1.68	+0.75	+3.16	-34.13	+5.09	-0.24
615		0	12 M2	-0.11	+0.04	-3.23	-24.22	-0.27	-0.09
615		357	12 M2	-0.11	+0.36	-2.27	-24.22	-0.27	-0.09
615		0	13 M3	+2.45	-0.02	+14.72	-32.32	-4.39	-0.10
615		357	13 M3	+2.45	+0.32	-11.41	-32.32	+15.61	-0.10
615		0	14 M4	-0.08	+0.20	-0.50	-9.10	-0.11	+0.15
615		357	14 M4	-0.08	-0.33	-0.12	-9.10	-0.11	+0.15
615		0	15 M5	+2.29	-0.14	+2.60	-40.23	-15.82	-0.10
615		357	15 M5	+2.29	+0.22	-5.60	-40.23	+3.78	-0.10
615		0	16 M6	-1.58	+0.30	-3.70	-36.90	-21.29	-0.27
615		357	16 M6	-1.58	+1.25	-8.88	-36.90	+18.71	-0.27
615		0	17 M7	+0.01	-0.30	-0.89	-7.53	-0.03	-0.14
615		357	17 M7	+0.01	+0.22	-0.76	-7.53	-0.03	-0.14
615	412	0	M+ A	+2.25	+0.82	+20.21	+0.00	+0.00	+0.00
615	414	357	M+ A	+2.25	+6.49	+1.06	+0.00	+52.91	+0.00
615	412	0	M- A	-4.60	-0.30	-23.81	-318.22	-56.05	-1.59
615	414	357	M- A	-4.60	+0.00	-27.53	-318.22	+0.00	-1.59
616	413	0	0 G	+0.00	+0.05	+182.14	-0.60	-9.39	+0.02
616	414	450	0 G	+0.00	-0.04	+182.06	-0.60	+9.42	+0.02
616		0	1 Q1	+0.00	+0.01	+158.01	-0.26	+0.00	+0.01
616		450	1 Q1	+0.00	-0.01	+157.99	-0.26	+0.00	+0.01
616		0	11 M1	+0.00	+0.01	+162.41	-0.11	+0.00	+0.00
616		450	11 M1	+0.00	-0.00	+162.41	-0.11	+0.00	+0.00
616		0	12 M2	+0.00	+0.01	-0.89	-0.09	+0.00	+0.00
616		450	12 M2	+0.00	-0.00	-0.90	-0.09	+0.00	+0.00
616		0	13 M3	+0.00	+0.01	+95.92	-0.07	+0.00	+0.00
616		450	13 M3	+0.00	-0.01	+95.91	-0.07	+0.00	+0.00
616		0	14 M4	+0.00	+0.00	-0.41	+0.03	-0.00	+0.00
616		450	14 M4	+0.00	-0.00	-0.40	+0.03	-0.00	+0.00
616		0	15 M5	+0.00	+0.01	+30.54	+0.01	+0.00	+0.01
616		450	15 M5	+0.00	-0.01	+30.53	+0.01	+0.00	+0.01
616		0	16 M6	+0.00	+0.00	+160.47	-0.35	+0.00	+0.00
616		450	16 M6	+0.00	+0.00	+160.45	-0.35	+0.00	+0.00
616		0	17 M7	-0.00	+0.01	-0.07	-0.02	+0.00	+0.00
616		450	17 M7	-0.00	-0.00	-0.08	-0.02	+0.00	+0.00
616	413	0	M+ A	+0.00	+0.10	+699.18	+0.00	+0.00	+0.04
616	414	450	M+ A	+0.00	+0.00	+699.04	+0.00	+12.55	+0.04
616	413	0	M- A	+0.00	+0.00	+0.00	-1.66	-12.49	+0.00
616	414	450	M- A	+0.00	-0.08	+0.00	-1.66	+0.00	+0.00
617	413	0	0 G	-1.31	+3.39	-3.54	-138.28	-7.00	-0.49
617	415	357	0 G	-1.31	+5.15	-3.66	-138.28	+7.06	-0.49
617		0	1 Q1	-0.47	+1.54	-5.14	-59.81	-14.37	-0.20
617		357	1 Q1	-0.47	+2.27	-4.84	-59.81	+14.19	-0.20
617		0	11 M1	-2.30	+0.93	+3.18	-34.32	-24.80	+0.01
617		357	11 M1	-2.30	+0.90	-5.32	-34.32	+14.40	+0.01
617		0	12 M2	-0.12	+0.48	-2.25	-24.21	-0.10	-0.02
617		357	12 M2	-0.12	+0.57	-1.88	-24.21	-0.10	-0.02
617		0	13 M3	-0.51	+0.46	-11.39	-32.34	-1.24	-0.10
617		357	13 M3	-0.51	+0.83	-6.95	-32.34	-1.24	-0.10
617		0	14 M4	-0.08	-0.34	-0.12	-9.06	-0.03	-0.18
617		357	14 M4	-0.08	+0.29	-0.01	-9.06	-0.03	-0.18
617		0	15 M5	-1.37	+0.28	-5.58	-40.36	-1.39	-0.23
617		357	15 M5	-1.37	+1.12	-0.60	-40.36	-1.39	-0.23
617		0	16 M6	-0.87	+1.73	-8.85	-36.96	-10.58	+0.04
617		357	16 M6	-0.87	+1.57	-0.28	-36.96	+9.42	+0.04
617		0	17 M7	+0.02	+0.18	-0.74	-7.49	-0.02	+0.14
617		357	17 M7	+0.02	-0.32	-0.67	-7.49	-0.02	+0.14
617	413	0	M+ A	+0.00	+8.79	+1.23	+0.00	+0.00	+0.00
617	415	357	M+ A	+0.00	+12.01	+0.00	+0.00	+46.05	+0.00
617	413	0	M- A	-5.71	+0.00	-27.26	-318.78	-61.72	-1.23
617	415	357	M- A	-5.71	+0.00	-20.45	-318.78	+0.00	-1.23
618	143	0	0 G	+0.00	+0.00	-0.00	-0.82	+36.25	-0.20
618	416	555	0 G	+0.00	+1.13	+181.34	-0.82	+23.78	-0.20
618		0	1 Q1	+0.00	+0.00	-0.00	-0.34	+28.74	-0.08
618		555	1 Q1	+0.00	+0.44	+159.50	-0.34	+28.74	-0.08
618		0	11 M1	+0.00	+0.00	-0.00	-0.08	+15.20	-0.09
618		555	11 M1	+0.00	+0.51	+84.34	-0.08	+15.20	-0.09
618		0	12 M2	+0.00	+0.00	-0.00	-0.23	-0.18	-0.06
618		555	12 M2	+0.00	+0.31	-0.98	-0.23	-0.18	-0.06
618		0	13 M3	+0.00	+0.00	-0.00	-0.02	+15.05	-0.01
618		555	13 M3	+0.00	+0.06	+83.55	-0.02	+15.05	-0.01
618		0	14 M4	+0.00	+0.00	-0.00	+0.15	-0.03	+0.11
618		555	14 M4	+0.00	-0.61	-0.15	+0.15	-0.03	+0.11
618		0	15 M5	+0.00	+0.00	-0.00	+0.47	-1.00	+0.08
618		555	15 M5	+0.00	-0.46	-5.54	+0.47	-1.00	+0.08
618		0	16 M6	+0.00	+0.00	-0.00	-0.96	+24.35	-0.22
618		555	16 M6	+0.00	+1.21	+135.13	-0.96	+24.35	-0.22
618		0	17 M7	+0.00	+0.00	-0.00	-0.13	-0.04	-0.10
618		555	17 M7	+0.00	+0.57	-0.22	-0.13	-0.04	-0.10
618	143	0	M+ A	+0.00	+0.00	-0.00	+0.00	+123.53	+0.00
618	416	555	M+ A	+0.00	+3.91	+659.20	+0.00	+106.95	+0.00
618	143	0	M- A	+0.00	+0.00	-0.00	-3.00	+0.00	-0.70
618	416	555	M- A	+0.00	+0.00	-0.00	-3.00	+0.00	-0.70
619	414	0	0 G	-1.26	+1.19	-3.68	-138.35	-7.00	-0.74
619	416	357	0 G	-1.26	+3.83	-3.79	-138.35	+7.06	-0.74
619		0	1 Q1	-0.54	+0.58	-5.19	-59.75	-14.37	-0.28
619		357	1 Q1	-0.54	+1.59	-4.88	-59.75	+14.19	-0.28
619		0	11 M1	+1.80	+0.13	+3.17	-34.23	-24.80	-0.23
619		357	11 M1	+1.80	+0.96	-5.34	-34.23	+14.40	-0.23
619		0	12 M2	-0.11	+0.02	-2.27	-24.28	-0.10	-0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
619		357	12 M2	-0.11	+0.43	-1.90	-24.28	-0.10	-0.12
619		0	13 M3	+0.09	+0.22	-11.41	-32.33	-1.24	-0.10
619		357	13 M3	+0.09	+0.57	-6.97	-32.33	-1.24	-0.10
619		0	14 M4	-0.09	+0.34	-0.12	-8.98	-0.03	+0.15
619		357	14 M4	-0.09	-0.21	-0.01	-8.98	-0.03	+0.15
619		0	15 M5	+0.47	+0.69	-5.60	-40.14	-1.39	-0.06
619		357	15 M5	+0.47	+0.90	-0.63	-40.14	-1.39	-0.06
619		0	16 M6	+0.54	-0.11	-8.88	-37.15	-10.58	-0.34
619		357	16 M6	+0.54	+1.10	-0.31	-37.15	+9.42	-0.34
619		0	17 M7	+0.03	-0.39	-0.76	-7.64	-0.02	-0.17
619		357	17 M7	+0.03	+0.20	-0.69	-7.64	-0.02	-0.17
619	414	0	M+ A	+1.44	+3.24	+1.06	+0.00	+0.00	+0.00
619	416	357	M+ A	+1.44	+8.72	+0.00	+0.00	+46.04	+0.00
619	414	0	M- A	-2.63	+0.00	-27.53	-318.56	-61.72	-1.81
619	416	357	M- A	-2.63	+0.00	-20.70	-318.56	+0.00	-1.81
620	415	0	0 G	+0.00	-0.00	+181.25	-1.11	-9.38	-0.00
620	416	450	0 G	+0.00	+0.00	+181.13	-1.11	+9.43	-0.00
620		0	1 Q1	+0.00	-0.01	+159.41	-0.45	+0.01	-0.00
620		450	1 Q1	+0.00	+0.01	+159.37	-0.45	+0.01	-0.00
620		0	11 M1	+0.00	-0.00	+84.25	-0.17	+0.00	-0.00
620		450	11 M1	+0.00	+0.00	+84.24	-0.17	+0.00	-0.00
620		0	12 M2	+0.00	-0.00	-0.95	-0.22	+0.00	-0.00
620		450	12 M2	+0.00	+0.00	-0.97	-0.22	+0.00	-0.00
620		0	13 M3	+0.00	+0.00	+84.60	-0.10	+0.00	+0.00
620		450	13 M3	+0.00	-0.00	+84.59	-0.10	+0.00	+0.00
620		0	14 M4	+0.00	+0.00	-0.15	+0.11	+0.00	+0.00
620		450	14 M4	+0.00	-0.00	-0.15	+0.11	+0.00	+0.00
620		0	15 M5	+0.00	+0.00	-4.58	+0.19	+0.00	+0.00
620		450	15 M5	+0.00	-0.00	-4.60	+0.19	+0.00	+0.00
620		0	16 M6	+0.00	-0.01	+133.57	-0.80	+0.01	-0.01
620		450	16 M6	+0.00	+0.02	+133.54	-0.80	+0.01	-0.01
620		0	17 M7	-0.00	+0.01	-0.22	-0.10	+0.00	+0.00
620		450	17 M7	-0.00	-0.01	-0.23	-0.10	+0.00	+0.00
620	415	0	M+ A	+0.00	+0.01	+656.61	+0.00	+0.00	+0.00
620	416	450	M+ A	+0.00	+0.03	+656.36	+0.00	+12.57	+0.00
620	415	0	M- A	+0.00	-0.03	+0.00	-3.29	-12.48	-0.01
620	416	450	M- A	+0.00	-0.01	+0.00	-3.29	+0.00	-0.01
621	415	0	0 G	-1.16	+5.82	-3.66	-138.40	-7.30	+0.82
621	417	357	0 G	-1.16	+2.89	-2.71	-138.40	+6.76	+0.82
621		0	1 Q1	-0.50	+2.57	-4.84	-59.86	-14.54	+0.35
621		357	1 Q1	-0.50	+1.32	-3.91	-59.86	+14.02	+0.35
621		0	11 M1	-2.37	+1.35	-5.32	-34.40	-0.79	+0.23
621		357	11 M1	-2.37	+0.53	-2.50	-34.40	-0.79	+0.23
621		0	12 M2	-0.06	+0.82	-1.88	-24.26	+0.08	+0.17
621		357	12 M2	-0.06	+0.20	-2.16	-24.26	+0.08	+0.17
621		0	13 M3	+0.58	+0.81	-6.95	-32.34	-16.29	+0.07
621		357	13 M3	+0.58	+0.56	+6.01	-32.34	+23.71	+0.07
621		0	14 M4	-0.08	-0.35	-0.01	-8.95	-0.00	-0.20
621		357	14 M4	-0.08	+0.38	-0.00	-8.95	-0.00	-0.20
621		0	15 M5	-0.37	+0.54	-0.61	-40.26	-0.39	-0.16
621		357	15 M5	-0.37	+1.12	+0.79	-40.26	-0.39	-0.16
621		0	16 M6	-2.38	+2.73	-0.28	-37.16	-14.92	+0.67
621		357	16 M6	-2.38	+0.35	-11.60	-37.16	+5.08	+0.67
621		0	17 M7	+0.06	+0.21	-0.67	-7.59	+0.02	+0.17
621		357	17 M7	+0.06	-0.38	-0.75	-7.59	+0.02	+0.17
621	415	0	M+ A	+0.00	+14.65	+0.00	+0.00	+0.00	+2.47
621	417	357	M+ A	+0.00	+7.06	+6.32	+0.00	+59.41	+2.47
621	415	0	M- A	-5.67	+0.00	-20.45	-318.91	-49.56	+0.00
621	417	357	M- A	-5.67	+0.00	-25.16	-318.91	+0.00	+0.00
622	144	0	0 G	+0.00	+0.00	-0.00	-0.31	+35.83	-0.17
622	418	555	0 G	+0.00	+0.95	+179.04	-0.31	+23.36	-0.17
622		0	1 Q1	+0.00	+0.00	-0.00	-0.10	+28.43	-0.06
622		555	1 Q1	+0.00	+0.34	+157.79	-0.10	+28.43	-0.06
622		0	11 M1	+0.00	+0.00	-0.00	-0.01	+0.18	-0.08
622		555	11 M1	+0.00	+0.42	+0.98	-0.01	+0.18	-0.08
622		0	12 M2	+0.00	+0.00	-0.00	-0.10	+0.04	-0.05
622		555	12 M2	+0.00	+0.28	+0.23	-0.10	+0.04	-0.05
622		0	13 M3	+0.00	+0.00	-0.00	+0.01	+21.05	-0.01
622		555	13 M3	+0.00	+0.03	+116.84	+0.01	+21.05	-0.01
622		0	14 M4	+0.00	+0.00	-0.00	+0.08	+0.00	+0.10
622		555	14 M4	+0.00	-0.54	+0.03	+0.08	+0.00	+0.10
622		0	15 M5	+0.00	+0.00	-0.00	+0.23	-0.46	+0.08
622		555	15 M5	+0.00	-0.45	-2.53	+0.23	-0.46	+0.08
622		0	16 M6	+0.00	+0.00	-0.00	-0.38	+7.89	-0.19
622		555	16 M6	+0.00	+1.05	+43.80	-0.38	+7.89	-0.19
622		0	17 M7	+0.00	+0.00	-0.00	-0.08	+0.02	-0.09
622		555	17 M7	+0.00	+0.52	+0.09	-0.08	+0.02	-0.09
622	144	0	M+ A	+0.00	+0.00	-0.00	+0.03	+117.62	+0.00
622	418	555	M+ A	+0.00	+3.29	+626.40	+0.03	+101.04	+0.00
622	144	0	M- A	+0.00	+0.00	-0.00	-1.12	+0.00	-0.59
622	418	555	M- A	+0.00	+0.00	-0.00	-1.12	+0.00	-0.59
623	416	0	0 G	-1.05	+2.70	-3.79	-138.56	-7.29	-0.46
623	418	357	0 G	-1.05	+4.34	-2.87	-138.56	+6.77	-0.46
623		0	1 Q1	-0.41	+1.16	-4.88	-59.84	-14.54	-0.17
623		357	1 Q1	-0.41	+1.76	-3.96	-59.84	+14.02	-0.17
623		0	11 M1	+1.90	+0.45	-5.34	-34.33	-0.79	-0.14
623		357	11 M1	+1.90	+0.96	-2.52	-34.33	-0.79	-0.14
623		0	12 M2	-0.12	+0.12	-1.90	-24.34	+0.08	-0.13
623		357	12 M2	-0.12	+0.59	-2.18	-24.34	+0.08	-0.13
623		0	13 M3	-0.95	+0.51	-6.97	-32.34	-16.29	-0.02
623		357	13 M3	-0.95	+0.58	+5.99	-32.34	+23.71	-0.02
623		0	14 M4	-0.09	+0.40	-0.01	-8.87	-0.00	+0.19
623		357	14 M4	-0.09	-0.27	-0.00	-8.87	-0.00	+0.19
623		0	15 M5	-0.48	+1.36	-0.63	-40.06	-0.39	+0.22
623		357	15 M5	-0.48	+0.57	+0.76	-40.06	-0.39	+0.22
623		0	16 M6	+2.12	-0.09	-0.31	-37.37	-14.92	-0.50
623		357	16 M6	+2.12	+1.68	-11.63	-37.37	+5.08	-0.50
623		0	17 M7	+0.04	-0.37	-0.69	-7.74	+0.02	-0.19
623		357	17 M7	+0.04	+0.30	-0.77	-7.74	+0.02	-0.19
623	416	0	M+ A	+2.14	+6.90	+0.00	+0.00	+0.00	+0.00
623	418	357	M+ A	+2.14	+10.27	+6.12	+0.00	+59.42	+0.00
623	416	0	M- A	-3.27	+0.00	-20.70	-318.87	-49.54	-1.54
623	418	357	M- A	-3.27	+0.00	-25.48	-318.87	+0.00	-1.54
624	417	0	0 G	+0.00	-0.05	+178.98	-0.85	-9.39	-0.02
624	418	450	0 G	+0.00	+0.05	+178.89	-0.85	+9.43	-0.02
624		0	1 Q1	+0.00	-0.03	+157.76	-0.27	+0.01	-0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
624		450	1 Q1	+0.00	+0.03	+157.73	-0.27	+0.01	-0.01
624		0	11 M1	+0.00	-0.01	+2.89	-0.07	+0.00	-0.01
624		450	11 M1	+0.00	+0.01	+2.88	-0.07	+0.00	-0.01
624		0	12 M2	+0.00	-0.01	+0.20	-0.21	+0.00	-0.00
624		450	12 M2	+0.00	+0.01	+0.19	-0.21	+0.00	-0.00
624		0	13 M3	+0.00	-0.01	+113.67	-0.02	+0.00	-0.00
624		450	13 M3	+0.00	+0.01	+113.66	-0.02	+0.00	-0.00
624		0	14 M4	+0.00	+0.00	+0.02	+0.15	+0.00	+0.00
624		450	14 M4	+0.00	-0.00	+0.02	+0.15	+0.00	+0.00
624		0	15 M5	+0.00	-0.01	-2.53	+0.29	+0.00	-0.00
624		450	15 M5	+0.00	+0.01	-2.55	+0.29	+0.00	-0.00
624		0	16 M6	+0.00	-0.03	+47.76	-0.69	+0.00	-0.01
624		450	16 M6	+0.00	+0.03	+47.74	-0.69	+0.00	-0.01
624		0	17 M7	-0.00	+0.01	+0.07	-0.18	+0.00	+0.00
624		450	17 M7	-0.00	-0.01	+0.06	-0.18	+0.00	+0.00
624	417	0	M+ A	+0.00	+0.00	+621.54	+0.00	+0.00	+0.00
624	418	450	M+ A	+0.00	+0.15	+621.35	+0.00	+12.56	+0.00
624	417	0	M- A	+0.00	-0.16	+0.00	-2.53	-12.48	-0.07
624	418	450	M- A	+0.00	+0.00	+0.00	-2.53	+0.00	-0.07
625	417	0	0 G	-0.93	+3.53	-2.71	-138.49	-7.17	+0.80
625	419	357	0 G	-0.93	+0.68	-2.22	-138.49	+6.89	+0.80
625		0	1 Q1	-0.44	+1.58	-3.91	-59.89	-14.40	+0.39
625		357	1 Q1	-0.44	+0.21	-3.48	-59.89	+14.16	+0.39
625		0	11 M1	-0.43	+0.92	-2.50	-34.46	-0.96	+0.26
625		357	11 M1	-0.43	-0.02	+0.94	-34.46	-0.96	+0.26
625		0	12 M2	-0.04	+0.44	-2.16	-24.30	+0.04	+0.13
625		357	12 M2	-0.04	-0.01	-2.30	-24.30	+0.04	+0.13
625		0	13 M3	-2.55	+0.55	+6.01	-32.33	+2.66	+0.12
625		357	13 M3	-2.55	+0.13	-3.47	-32.33	+2.66	+0.12
625		0	14 M4	-0.08	-0.19	-0.00	-8.85	-0.01	-0.13
625		357	14 M4	-0.08	+0.27	+0.03	-8.85	-0.01	-0.13
625		0	15 M5	-0.33	+0.58	+0.79	-40.16	+0.07	+0.01
625		357	15 M5	-0.33	+0.54	+0.54	-40.16	+0.07	+0.01
625		0	16 M6	+1.64	+1.39	-11.60	-37.32	-2.81	+0.50
625		357	16 M6	+1.64	-0.40	-1.57	-37.32	-2.81	+0.50
625		0	17 M7	+0.08	+0.11	-0.75	-7.68	+0.01	+0.07
625		357	17 M7	+0.08	-0.15	-0.79	-7.68	+0.01	+0.07
625	417	0	M+ A	+1.53	+8.60	+6.31	+0.00	+0.00	+2.23
625	419	357	M+ A	+1.53	+1.95	+0.00	+0.00	+33.33	+2.23
625	417	0	M- A	-5.54	+0.00	-25.16	-318.96	-34.22	+0.00
625	419	357	M- A	-5.54	+0.00	-11.86	-318.96	+0.00	+0.00
626	145	0	0 G	+0.00	+0.00	-0.00	-0.17	+35.72	-0.13
626	420	555	0 G	+0.00	+0.71	+178.40	-0.17	+23.25	-0.13
626		0	1 Q1	+0.00	+0.00	-0.00	+0.01	+28.13	-0.04
626		555	1 Q1	+0.00	+0.21	+156.14	+0.01	+28.13	-0.04
626		0	11 M1	+0.00	+0.00	-0.00	+0.04	-1.02	-0.05
626		555	11 M1	+0.00	+0.30	-5.68	+0.04	-1.02	-0.05
626		0	12 M2	+0.00	+0.00	-0.00	-0.06	+0.17	-0.04
626		555	12 M2	+0.00	+0.24	+0.96	-0.06	+0.17	-0.04
626		0	13 M3	+0.00	+0.00	-0.00	+0.04	+3.74	+0.00
626		555	13 M3	+0.00	-0.01	+20.77	+0.04	+3.74	+0.00
626		0	14 M4	+0.00	+0.00	-0.00	+0.06	+0.00	+0.09
626		555	14 M4	+0.00	-0.47	+0.01	+0.06	+0.00	+0.09
626		0	15 M5	+0.00	+0.00	-0.00	+0.14	-0.01	+0.08
626		555	15 M5	+0.00	-0.44	-0.06	+0.14	-0.01	+0.08
626		0	16 M6	+0.00	+0.00	-0.00	-0.16	+20.55	-0.16
626		555	16 M6	+0.00	+0.87	+114.05	-0.16	+20.55	-0.16
626		0	17 M7	+0.00	+0.00	-0.00	-0.11	+0.06	-0.09
626		555	17 M7	+0.00	+0.48	+0.34	-0.11	+0.06	-0.09
626	145	0	M+ A	+0.00	+0.00	-0.00	+0.04	+116.31	+0.00
626	420	555	M+ A	+0.00	+2.54	+619.14	+0.04	+99.73	+0.00
626	145	0	M- A	+0.00	+0.00	-0.00	-0.48	+0.00	-0.46
626	420	555	M- A	+0.00	-0.00	-0.00	-0.48	+0.00	-0.46
627	418	0	0 G	-0.89	+3.45	-2.87	-138.75	-7.17	+0.08
627	420	357	0 G	-0.89	+3.17	-2.37	-138.75	+6.89	+0.08
627		0	1 Q1	-0.36	+1.45	-3.96	-59.91	-14.40	+0.01
627		357	1 Q1	-0.36	+1.43	-3.53	-59.91	+14.16	+0.01
627		0	11 M1	+0.00	+0.55	-2.52	-34.41	-0.96	-0.07
627		357	11 M1	+0.00	+0.81	+0.92	-34.41	-0.96	-0.07
627		0	12 M2	-0.08	+0.31	-2.18	-24.39	+0.04	-0.03
627		357	12 M2	-0.08	+0.40	-2.32	-24.39	+0.04	-0.03
627		0	13 M3	+2.24	+0.56	+5.99	-32.35	+2.66	+0.01
627		357	13 M3	+2.24	+0.50	-3.50	-32.35	+2.66	+0.01
627		0	14 M4	-0.08	+0.27	-0.00	-8.77	-0.01	+0.12
627		357	14 M4	-0.08	-0.15	+0.02	-8.77	-0.01	+0.12
627		0	15 M5	-0.46	+1.03	+0.76	-39.98	+0.07	+0.16
627		357	15 M5	-0.46	+0.47	+0.52	-39.98	+0.07	+0.16
627		0	16 M6	-1.81	+0.66	-11.63	-37.57	-2.81	-0.19
627		357	16 M6	-1.81	+1.32	-1.60	-37.57	-2.81	-0.19
627		0	17 M7	+0.07	-0.23	-0.77	-7.83	+0.01	-0.09
627		357	17 M7	+0.07	+0.11	-0.81	-7.83	+0.01	-0.09
627	418	0	M+ A	+2.47	+7.91	+6.12	+0.00	+0.00	+0.35
627	420	357	M+ A	+2.47	+7.81	+0.00	+0.00	+33.33	+0.35
627	418	0	M- A	-4.30	+0.00	-25.48	-319.15	-34.23	-0.20
627	420	357	M- A	-4.30	+0.00	-12.17	-319.15	+0.00	-0.20
628	419	0	0 G	+0.00	-0.09	+178.36	-0.76	-9.37	-0.04
628	420	450	0 G	+0.00	+0.09	+178.22	-0.76	+9.44	-0.04
628		0	1 Q1	+0.00	-0.04	+156.20	-0.13	+0.01	-0.02
628		450	1 Q1	+0.00	+0.04	+156.15	-0.13	+0.01	-0.02
628		0	11 M1	+0.00	-0.02	-5.35	+0.02	+0.00	-0.01
628		450	11 M1	+0.00	+0.02	-5.36	+0.02	+0.00	-0.01
628		0	12 M2	+0.00	-0.01	+0.91	-0.21	+0.00	-0.00
628		450	12 M2	+0.00	+0.01	+0.89	-0.21	+0.00	-0.00
628		0	13 M3	+0.00	-0.01	+22.44	+0.05	+0.00	-0.01
628		450	13 M3	+0.00	+0.01	+22.42	+0.05	+0.00	-0.01
628		0	14 M4	+0.00	+0.00	+0.01	+0.19	-0.00	+0.00
628		450	14 M4	+0.00	-0.00	+0.01	+0.19	-0.00	+0.00
628		0	15 M5	+0.00	-0.01	-0.13	+0.34	+0.00	-0.01
628		450	15 M5	+0.00	+0.01	-0.15	+0.34	+0.00	-0.01
628		0	16 M6	+0.00	-0.04	+113.52	-0.59	+0.01	-0.02
628		450	16 M6	+0.00	+0.04	+113.48	-0.59	+0.01	-0.02
628		0	17 M7	-0.00	+0.01	+0.31	-0.29	+0.00	+0.00
628		450	17 M7	-0.00	-0.01	+0.30	-0.29	+0.00	+0.00
628	419	0	M+ A	+0.00	+0.00	+618.38	+0.00	+0.00	+0.00
628	420	450	M+ A	+0.00	+0.24	+618.05	+0.00	+12.58	+0.00
628	419	0	M- A	+0.00	-0.23	+0.00	-2.06	-12.47	-0.10
628	420	450	M- A	+0.00	+0.00	+0.00	-2.06	+0.00	-0.10

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
629	419	0	0 G	-0.70	+1.22	-2.22	-138.53	-6.94	+0.24
629	421	357	0 G	-0.70	+0.37	-2.54	-138.53	+7.12	+0.24
629		0	1 Q1	-0.30	+0.39	-3.48	-59.90	-13.97	+0.26
629		357	1 Q1	-0.30	-0.54	-4.59	-59.90	+14.59	+0.26
629		0	11 M1	-0.07	+0.28	+0.93	-34.50	+0.06	+0.25
629		357	11 M1	-0.07	-0.61	+0.72	-34.50	+0.06	+0.25
629		0	12 M2	-0.05	+0.20	-2.30	-24.33	-0.13	-0.02
629		357	12 M2	-0.05	+0.27	-1.83	-24.33	-0.13	-0.02
629		0	13 M3	-0.84	+0.09	-3.47	-32.32	-1.08	+0.13
629		357	13 M3	-0.84	-0.38	+0.39	-32.32	-1.08	+0.13
629		0	14 M4	-0.07	-0.23	+0.03	-8.76	-0.01	-0.00
629		357	14 M4	-0.07	-0.22	+0.06	-8.76	-0.01	-0.00
629		0	15 M5	-0.35	+0.05	+0.54	-40.06	+0.08	+0.22
629		357	15 M5	-0.35	-0.74	+0.24	-40.06	+0.08	+0.22
629		0	16 M6	+1.15	+0.49	-1.57	-37.46	-23.36	+0.08
629		357	16 M6	+1.15	+0.22	-8.97	-37.46	+16.64	+0.08
629		0	17 M7	+0.09	+0.30	-0.79	-7.77	-0.05	-0.11
629		357	17 M7	+0.09	+0.70	-0.62	-7.77	-0.05	-0.11
629	419	0	M+ A	+1.03	+2.79	+0.00	+0.00	+0.00	+0.97
629	421	357	M+ A	+1.03	+1.55	+0.00	+0.00	+49.89	+0.97
629	419	0	M- A	-2.52	+0.00	-11.87	-318.93	-59.08	+0.00
629	421	357	M- A	-2.52	-1.32	-21.71	-318.93	+0.00	+0.00
630	146	0	0 G	+0.00	+0.00	-0.00	-0.59	+35.77	-0.09
630	422	555	0 G	+0.00	+0.48	+178.68	-0.59	+23.30	-0.09
630		0	1 Q1	+0.00	+0.00	-0.00	-0.17	+28.44	-0.02
630		555	1 Q1	+0.00	+0.09	+157.82	-0.17	+28.44	-0.02
630		0	11 M1	+0.00	+0.00	-0.00	-0.04	-0.12	-0.03
630		555	11 M1	+0.00	+0.19	-0.69	-0.04	-0.12	-0.03
630		0	12 M2	+0.00	+0.00	-0.00	-0.11	+0.02	-0.04
630		555	12 M2	+0.00	+0.20	+0.12	-0.11	+0.02	-0.04
630		0	13 M3	+0.00	+0.00	-0.00	-0.03	-0.97	+0.01
630		555	13 M3	+0.00	-0.05	-5.41	-0.03	-0.97	+0.01
630		0	14 M4	+0.00	+0.00	-0.00	+0.06	+0.00	+0.07
630		555	14 M4	+0.00	-0.40	+0.00	+0.06	+0.00	+0.07
630		0	15 M5	+0.00	+0.00	-0.00	+0.05	+0.03	+0.08
630		555	15 M5	+0.00	-0.43	+0.16	+0.05	+0.03	+0.08
630		0	16 M6	+0.00	+0.00	-0.00	-0.31	+29.04	-0.13
630		555	16 M6	+0.00	+0.69	+161.18	-0.31	+29.04	-0.13
630		0	17 M7	+0.00	+0.00	-0.00	-0.10	+0.01	-0.08
630		555	17 M7	+0.00	+0.43	+0.04	-0.10	+0.01	-0.08
630	146	0	M+ A	+0.00	+0.00	-0.00	+0.00	+129.52	+0.03
630	422	555	M+ A	+0.00	+1.81	+692.47	+0.00	+112.94	+0.03
630	146	0	M- A	+0.00	+0.00	-0.00	-1.49	+0.00	-0.33
630	422	555	M- A	+0.00	-0.17	-0.00	-1.49	+0.00	-0.33
631	420	0	0 G	-0.71	+2.55	-2.37	-138.92	-6.92	+0.66
631	422	357	0 G	-0.71	+0.20	-2.76	-138.92	+7.14	+0.66
631		0	1 Q1	-0.38	+1.25	-3.53	-59.97	-13.96	+0.14
631		357	1 Q1	-0.38	+0.76	-4.66	-59.97	+14.60	+0.14
631		0	11 M1	-0.31	+0.53	+0.92	-34.47	+0.06	-0.06
631		357	11 M1	-0.31	+0.73	+0.69	-34.47	+0.06	-0.06
631		0	12 M2	-0.00	+0.18	-2.32	-24.44	-0.13	+0.12
631		357	12 M2	-0.00	-0.26	-1.86	-24.44	-0.13	+0.12
631		0	13 M3	+0.59	+0.53	-3.50	-32.35	-1.08	+0.00
631		357	13 M3	+0.59	+0.52	+0.36	-32.35	-1.08	+0.00
631		0	14 M4	-0.07	+0.32	+0.02	-8.68	-0.01	-0.01
631		357	14 M4	-0.07	+0.34	+0.05	-8.68	-0.01	-0.01
631		0	15 M5	-0.37	+0.92	+0.52	-39.90	+0.08	-0.05
631		357	15 M5	-0.37	+1.09	+0.21	-39.90	+0.08	-0.05
631		0	16 M6	-1.24	+0.49	-1.60	-37.75	-23.35	+0.24
631		357	16 M6	-1.24	-0.38	-9.04	-37.75	+16.65	+0.24
631		0	17 M7	+0.10	-0.38	-0.81	-7.91	-0.05	+0.09
631		357	17 M7	+0.10	-0.71	-0.64	-7.91	-0.05	+0.09
631	420	0	M+ A	+0.17	+6.30	+0.00	+0.00	+0.00	+1.40
631	422	357	M+ A	+0.17	+2.71	+0.00	+0.00	+49.94	+1.40
631	420	0	M- A	-3.21	+0.00	-12.16	-319.39	-59.03	+0.00
631	422	357	M- A	-3.21	-0.86	-22.17	-319.39	+0.00	+0.00
632	421	0	0 G	+0.00	-0.10	+178.23	-1.26	-9.45	-0.05
632	422	450	0 G	+0.00	+0.11	+178.41	-1.26	+9.37	-0.05
632		0	1 Q1	+0.00	-0.05	+157.65	-0.41	-0.02	-0.02
632		450	1 Q1	+0.00	+0.05	+157.73	-0.41	-0.02	-0.02
632		0	11 M1	+0.00	-0.02	-0.86	-0.13	-0.01	-0.01
632		450	11 M1	+0.00	+0.03	-0.83	-0.13	-0.01	-0.01
632		0	12 M2	+0.00	-0.01	+0.06	-0.22	-0.01	-0.01
632		450	12 M2	+0.00	+0.01	+0.09	-0.22	-0.01	-0.01
632		0	13 M3	+0.00	-0.01	-4.69	-0.08	-0.00	-0.01
632		450	13 M3	+0.00	+0.02	-4.67	-0.08	-0.00	-0.01
632		0	14 M4	+0.00	+0.00	+0.02	+0.13	+0.00	+0.00
632		450	14 M4	+0.00	-0.00	+0.01	+0.13	+0.00	+0.00
632		0	15 M5	+0.00	-0.01	+0.11	+0.08	+0.00	-0.01
632		450	15 M5	+0.00	+0.02	+0.11	+0.08	+0.00	-0.01
632		0	16 M6	+0.00	-0.04	+158.99	-0.66	-0.02	-0.02
632		450	16 M6	+0.00	+0.04	+159.09	-0.66	-0.02	-0.02
632		0	17 M7	-0.00	+0.00	+0.01	-0.19	-0.00	+0.00
632		450	17 M7	-0.00	-0.01	+0.02	-0.19	-0.00	+0.00
632	421	0	M+ A	+0.00	+0.00	+688.37	+0.00	+0.00	+0.00
632	422	450	M+ A	+0.00	+0.28	+688.86	+0.00	+12.46	+0.00
632	421	0	M- A	+0.00	-0.26	+0.00	-3.22	-12.62	-0.12
632	422	450	M- A	+0.00	+0.00	+0.00	-3.22	+0.00	-0.12
633	421	0	0 G	-0.67	+0.78	-2.54	-138.54	-6.65	-0.44
633	423	358	0 G	-0.67	+2.34	-3.97	-138.54	+7.45	-0.44
633		0	1 Q1	-0.29	-0.45	-4.59	-59.89	-13.80	+0.02
633		358	1 Q1	-0.29	-0.52	-6.45	-59.89	+14.84	+0.02
633		0	11 M1	-0.18	-0.41	+0.72	-34.52	+0.20	+0.15
633		358	11 M1	-0.18	-0.95	-0.00	-34.52	+0.20	+0.15
633		0	12 M2	-0.03	+0.46	-1.83	-24.35	-0.13	-0.13
633		358	12 M2	-0.03	+0.93	-1.36	-24.35	-0.13	-0.13
633		0	13 M3	-0.06	-0.44	+0.39	-32.30	-0.09	+0.07
633		358	13 M3	-0.06	-0.71	+0.72	-32.30	-0.09	+0.07
633		0	14 M4	-0.06	-0.64	+0.05	-8.69	-0.01	+0.06
633		358	14 M4	-0.06	-0.86	+0.10	-8.69	-0.01	+0.06
633		0	15 M5	-0.35	-1.21	+0.24	-39.97	+0.06	+0.25
633		358	15 M5	-0.35	-2.10	+0.01	-39.97	+0.06	+0.25
633		0	16 M6	-0.88	+0.95	-8.97	-37.56	-12.35	-0.29
633		358	16 M6	-0.88	+1.98	+1.04	-37.56	+7.65	-0.29
633		0	17 M7	+0.10	+1.11	-0.62	-7.85	-0.05	-0.20
633		358	17 M7	+0.10	+1.82	-0.45	-7.85	-0.05	-0.20
633	421	0	M+ A	+0.00	+2.72	+0.00	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
633	423	358	M+ A	+0.00	+6.13	+0.00	+0.00	+40.35	+0.00
633	421	0	M- A	-2.53	-1.52	-21.71	-318.82	-42.64	-1.02
633	423	358	M- A	-2.53	-1.36	-16.47	-318.82	+0.00	-1.02
634	147	0	0 G	+0.00	+0.00	-0.00	-1.11	+34.74	-0.05
634	424	555	0 G	+0.00	+0.28	+172.99	-1.11	+22.27	-0.05
634		0	1 Q1	+0.00	+0.00	-0.00	-0.71	+28.37	+0.00
634		555	1 Q1	+0.00	-0.02	+157.47	-0.71	+28.37	+0.00
634		0	11 M1	+0.00	+0.00	-0.00	-0.40	-0.20	-0.01
634		555	11 M1	+0.00	+0.07	-1.12	-0.40	-0.20	-0.01
634		0	12 M2	+0.00	+0.00	-0.00	-0.03	-0.21	-0.03
634		555	12 M2	+0.00	+0.16	-1.19	-0.03	-0.21	-0.03
634		0	13 M3	+0.00	+0.00	-0.00	-0.32	-0.54	+0.02
634		555	13 M3	+0.00	-0.09	-3.00	-0.32	-0.54	+0.02
634		0	14 M4	+0.00	+0.00	-0.00	-0.15	+0.05	+0.06
634		555	14 M4	+0.00	-0.34	+0.28	-0.15	+0.05	+0.06
634		0	15 M5	+0.00	+0.00	-0.00	-0.54	-0.11	+0.08
634		555	15 M5	+0.00	-0.43	-0.61	-0.54	-0.11	+0.08
634		0	16 M6	+0.00	+0.00	-0.00	-0.26	+22.89	-0.10
634		555	16 M6	+0.00	+0.53	+127.01	-0.26	+22.89	-0.10
634		0	17 M7	+0.00	+0.00	-0.00	+0.29	-0.07	-0.07
634		555	17 M7	+0.00	+0.39	-0.40	+0.29	-0.07	-0.07
634	147	0	M+ A	+0.00	+0.00	-0.00	+0.00	+118.84	+0.07
634	424	555	M+ A	+0.00	+1.16	+633.17	+0.00	+102.26	+0.07
634	147	0	M- A	+0.00	+0.00	-0.00	-3.24	+0.00	-0.21
634	424	555	M- A	+0.00	-0.40	-0.00	-3.24	+0.00	-0.21
635	422	0	0 G	-0.43	-0.17	-2.76	-139.05	-6.80	+1.33
635	424	358	0 G	-0.43	-4.92	-3.66	-139.05	+7.30	+1.33
635		0	1 Q1	-0.29	+0.72	-4.66	-60.01	-13.86	+0.37
635		358	1 Q1	-0.29	-0.60	-6.32	-60.01	+14.78	+0.37
635		0	11 M1	-0.17	+0.57	+0.70	-34.52	+0.18	+0.04
635		358	11 M1	-0.17	+0.44	+0.05	-34.52	+0.18	+0.04
635		0	12 M2	+0.03	-0.44	-1.86	-24.48	-0.16	+0.24
635		358	12 M2	+0.03	-1.29	-1.31	-24.48	-0.16	+0.24
635		0	13 M3	-0.15	+0.58	+0.36	-32.35	-0.11	+0.06
635		358	13 M3	-0.15	+0.37	+0.75	-32.35	-0.11	+0.06
635		0	14 M4	-0.08	+0.74	+0.06	-8.61	-0.01	-0.07
635		358	14 M4	-0.08	+0.99	+0.08	-8.61	-0.01	-0.07
635		0	15 M5	-0.31	+1.54	+0.22	-39.83	+0.06	-0.07
635		358	15 M5	-0.31	+1.81	+0.02	-39.83	+0.06	-0.07
635		0	16 M6	+0.85	-1.03	-9.04	-37.89	-12.41	+0.59
635		358	16 M6	+0.85	-3.16	+1.21	-37.89	+7.59	+0.59
635		0	17 M7	+0.12	-1.14	-0.64	-7.99	-0.06	+0.18
635		358	17 M7	+0.12	-1.81	-0.44	-7.99	-0.06	+0.18
635	422	0	M+ A	+0.85	+2.90	+0.00	+0.00	+0.00	+3.07
635	424	358	M+ A	+0.85	+0.00	+0.00	+0.00	+40.00	+3.07
635	422	0	M- A	-1.35	-1.95	-22.17	-319.55	-42.99	+0.00
635	424	358	M- A	-1.35	-12.01	-15.79	-319.55	+0.00	+0.00
636	423	0	0 G	+0.00	-0.11	+174.36	-1.11	-9.09	-0.04
636	424	450	0 G	+0.00	+0.09	+172.93	-1.11	+9.73	-0.04
636		0	1 Q1	+0.00	-0.04	+157.99	-1.15	+0.12	-0.02
636		450	1 Q1	+0.00	+0.05	+157.44	-1.15	+0.12	-0.02
636		0	11 M1	+0.00	-0.02	-0.92	-0.79	+0.05	-0.01
636		450	11 M1	+0.00	+0.03	-1.14	-0.79	+0.05	-0.01
636		0	12 M2	+0.00	-0.02	-0.98	+0.17	+0.05	-0.01
636		450	12 M2	+0.00	+0.01	-1.20	+0.17	+0.05	-0.01
636		0	13 M3	+0.00	-0.01	-2.83	-0.64	+0.04	-0.01
636		450	13 M3	+0.00	+0.02	-3.01	-0.64	+0.04	-0.01
636		0	14 M4	+0.00	+0.01	+0.22	-0.44	-0.01	+0.00
636		450	14 M4	+0.00	+0.00	+0.27	-0.44	-0.01	+0.00
636		0	15 M5	+0.00	-0.01	-0.53	-1.30	+0.02	-0.01
636		450	15 M5	+0.00	+0.03	-0.62	-1.30	+0.02	-0.01
636		0	16 M6	+0.00	-0.05	+126.34	+0.10	+0.14	-0.02
636		450	16 M6	+0.00	+0.03	+125.72	+0.10	+0.14	-0.02
636		0	17 M7	-0.00	-0.00	-0.31	+0.84	+0.02	+0.00
636		450	17 M7	-0.00	-0.01	-0.41	+0.84	+0.02	+0.00
636	423	0	M+ A	+0.00	+0.00	+634.70	+0.15	+0.00	+0.00
636	424	450	M+ A	+0.00	+0.24	+631.12	+0.15	+13.31	+0.00
636	423	0	M- A	+0.00	-0.27	+0.00	-4.97	-12.10	-0.11
636	424	450	M- A	+0.00	+0.00	+0.00	-4.97	+0.00	-0.11
637	423	0	0 G	-0.37	+2.62	-3.97	-138.53	-5.93	-0.46
637	425	357	0 G	-0.37	+4.24	-7.89	-138.53	+8.13	-0.46
637		0	1 Q1	-0.20	-0.53	-6.45	-59.86	-13.73	-0.43
637		357	1 Q1	-0.20	+1.02	-8.41	-59.86	+14.83	-0.43
637		0	11 M1	-0.16	-0.86	-0.00	-34.52	+0.32	-0.25
637		357	11 M1	-0.16	+0.02	-1.16	-34.52	+0.32	-0.25
637		0	12 M2	+0.01	+1.10	-1.36	-24.38	+0.00	+0.07
637		357	12 M2	+0.01	+0.86	-1.36	-24.38	+0.00	+0.07
637		0	13 M3	-0.02	-0.81	+0.72	-32.27	+0.38	-0.25
637		357	13 M3	-0.02	+0.07	-0.66	-32.27	+0.38	-0.25
637		0	14 M4	-0.07	-1.22	+0.10	-8.63	-0.04	-0.22
637		357	14 M4	-0.07	-0.42	+0.25	-8.63	-0.04	-0.22
637		0	15 M5	-0.31	-2.56	+0.01	-39.87	+0.15	-0.51
637		357	15 M5	-0.31	-0.75	-0.52	-39.87	+0.15	-0.51
637		0	16 M6	-2.07	+2.56	+1.04	-37.64	-15.47	+0.06
637		357	16 M6	-2.07	+2.33	-13.14	-37.64	+4.53	+0.06
637		0	17 M7	+0.13	+2.20	-0.45	-7.92	-0.01	+0.35
637		357	17 M7	+0.13	+0.96	-0.43	-7.92	-0.01	+0.35
637	423	0	M+ A	+0.00	+7.38	+0.00	+0.00	+0.00	+0.07
637	425	357	M+ A	+0.00	+10.30	+0.00	+0.00	+37.97	+0.07
637	423	0	M- A	-3.81	-1.77	-16.47	-318.66	-45.63	-1.83
637	425	357	M- A	-3.81	+0.00	-39.20	-318.66	+0.00	-1.83
638	148	0	0 G	+0.00	+0.00	-0.00	+0.83	+35.05	-0.02
638	426	555	0 G	+0.00	+0.10	+174.67	+0.83	+22.58	-0.02
638		0	1 Q1	+0.00	+0.00	-0.00	-0.90	+28.82	+0.02
638		555	1 Q1	+0.00	-0.13	+159.92	-0.90	+28.82	+0.02
638		0	11 M1	+0.00	+0.00	-0.00	-0.92	-0.21	+0.01
638		555	11 M1	+0.00	-0.03	-1.19	-0.92	-0.21	+0.01
638		0	12 M2	+0.00	+0.00	-0.00	+0.70	-0.27	-0.02
638		555	12 M2	+0.00	+0.13	-1.50	+0.70	-0.27	-0.02
638		0	13 M3	+0.00	+0.00	-0.00	-0.82	-0.14	+0.02
638		555	13 M3	+0.00	-0.13	-0.77	-0.82	-0.14	+0.02
638		0	14 M4	+0.00	+0.00	-0.00	-0.92	+0.04	+0.05
638		555	14 M4	+0.00	-0.27	+0.22	-0.92	+0.04	+0.05
638		0	15 M5	+0.00	+0.00	-0.00	-2.14	-0.12	+0.08
638		555	15 M5	+0.00	-0.42	-0.66	-2.14	-0.12	+0.08
638		0	16 M6	+0.00	+0.00	-0.00	+1.52	+7.72	-0.07

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
638		555	16 M6	+0.00	+0.37	+42.83	+1.52	+7.72	-0.07
638		0	17 M7	+0.00	+0.00	-0.00	+1.61	-0.06	-0.06
638		555	17 M7	+0.00	+0.35	-0.33	+1.61	-0.06	-0.06
638	148	0	M+ A	+0.00	+0.00	-0.00	+3.52	+97.09	+0.13
638	426	555	M+ A	+0.00	+0.69	+512.45	+3.52	+80.50	+0.13
638	148	0	M- A	+0.00	+0.00	-0.00	-3.60	+0.00	-0.12
638	426	555	M- A	+0.00	-0.71	-0.00	-3.60	+0.00	-0.12
639	424	0	0 G	-0.37	-5.10	-3.66	-139.14	-5.25	+1.33
639	426	357	0 G	-0.37	-9.85	-10.01	-139.14	+8.81	+1.33
639		0	1 Q1	-0.26	-0.53	-6.32	-60.02	-13.47	+0.81
639		357	1 Q1	-0.26	-3.44	-9.23	-60.02	+15.09	+0.81
639		0	11 M1	-0.15	+0.39	+0.05	-34.54	+0.43	+0.43
639		357	11 M1	-0.15	-1.14	-1.49	-34.54	+0.43	+0.43
639		0	12 M2	+0.04	-1.44	-1.31	-24.52	+0.11	+0.04
639		357	12 M2	+0.04	-1.57	-1.69	-24.52	+0.11	+0.04
639		0	13 M3	-0.13	+0.48	+0.75	-32.34	+0.47	+0.38
639		357	13 M3	-0.13	-0.88	-0.92	-32.34	+0.47	+0.38
639		0	14 M4	-0.07	+1.33	+0.08	-8.54	-0.07	+0.22
639		357	14 M4	-0.07	+0.55	+0.32	-8.54	-0.07	+0.22
639		0	15 M5	-0.30	+2.27	+0.02	-39.76	+0.18	+0.68
639		357	15 M5	-0.30	-0.15	-0.64	-39.76	+0.18	+0.68
639		0	16 M6	+2.14	-3.65	+1.21	-38.01	-15.16	+0.24
639		357	16 M6	+2.14	-4.49	-14.06	-38.01	+4.84	+0.24
639		0	17 M7	+0.13	-2.21	-0.44	-8.06	+0.04	-0.36
639		357	17 M7	+0.13	-0.92	-0.57	-8.06	+0.04	-0.36
639	424	0	M+ A	+2.84	+0.00	+0.00	+0.00	+0.00	+3.73
639	426	357	M+ A	+2.84	+0.00	+0.00	+0.00	+39.61	+3.73
639	424	0	M- A	-1.23	-12.92	-15.79	-319.63	-43.97	+0.00
639	426	357	M- A	-1.23	-23.64	-44.29	-319.63	+0.00	+0.00
640	425	0	0 G	-0.00	-0.11	+170.43	+2.65	-10.82	-0.03
640	426	450	0 G	-0.00	+0.05	+176.77	+2.65	+8.00	-0.03
640		0	1 Q1	-0.00	-0.04	+157.63	-1.62	-0.55	-0.02
640		450	1 Q1	-0.00	+0.04	+160.12	-1.62	-0.55	-0.02
640		0	11 M1	+0.00	-0.01	-1.66	-1.86	-0.22	-0.01
640		450	11 M1	+0.00	+0.02	-0.66	-1.86	-0.22	-0.01
640		0	12 M2	-0.00	-0.02	-2.04	+1.60	-0.22	-0.00
640		450	12 M2	-0.00	+0.00	-1.06	+1.60	-0.22	-0.00
640		0	13 M3	-0.00	-0.01	-1.22	-1.59	-0.18	-0.00
640		450	13 M3	-0.00	+0.01	-0.42	-1.59	-0.18	-0.00
640		0	14 M4	+0.00	+0.01	+0.36	-1.89	+0.05	+0.00
640		450	14 M4	+0.00	+0.01	+0.11	-1.89	+0.05	+0.00
640		0	15 M5	+0.00	+0.00	-0.75	-4.34	-0.07	-0.01
640		450	15 M5	+0.00	+0.03	-0.43	-4.34	-0.07	-0.01
640		0	16 M6	-0.00	-0.06	+44.45	+3.38	-0.63	-0.02
640		450	16 M6	-0.00	+0.01	+47.28	+3.38	-0.63	-0.02
640		0	17 M7	-0.00	-0.01	-0.59	+3.49	-0.09	+0.00
640		450	17 M7	-0.00	-0.02	-0.18	+3.49	-0.09	+0.00
640	425	0	M+ A	+0.00	+0.00	+506.15	+8.75	+0.00	+0.00
640	426	450	M+ A	+0.00	+0.15	+522.18	+8.75	+10.72	+0.00
640	425	0	M- A	-0.00	-0.27	+0.00	-6.05	-16.07	-0.09
640	426	450	M- A	-0.00	+0.00	+0.00	-6.05	+0.00	-0.09
641	425	0	0 G	+1.44	+4.40	-7.89	-138.50	-2.54	+0.99
641	427	357	0 G	+1.44	+0.86	-23.90	-138.50	+11.51	+0.99
641		0	1 Q1	-0.13	+0.91	-8.41	-59.81	-13.01	-1.25
641		357	1 Q1	-0.13	+5.38	-12.94	-59.81	+15.55	-1.25
641		0	11 M1	+0.32	-0.00	-1.16	-34.50	+0.93	-1.22
641		357	11 M1	+0.32	+4.34	-4.48	-34.50	+0.93	-1.22
641		0	12 M2	+0.40	+1.01	-1.36	-24.39	+0.66	+0.91
641		357	12 M2	+0.40	-2.24	-3.71	-24.39	+0.66	+0.91
641		0	13 M3	+0.30	-0.06	-0.66	-32.24	+0.84	-1.08
641		357	13 M3	+0.30	+3.80	-3.65	-32.24	+0.84	-1.08
641		0	14 M4	-0.15	-0.71	+0.25	-8.58	-0.18	-1.22
641		357	14 M4	-0.15	+3.63	+0.87	-8.58	-0.18	-1.22
641		0	15 M5	-0.06	-1.20	-0.52	-39.79	+0.40	-2.78
641		357	15 M5	-0.06	+8.73	-1.94	-39.79	+0.40	-2.78
641		0	16 M6	+2.21	+2.77	-13.14	-37.69	-2.08	+1.88
641		357	16 M6	+2.21	-3.95	-5.73	-37.69	-2.08	+1.88
641		0	17 M7	+0.26	+1.32	-0.43	-7.98	+0.21	+2.16
641		357	17 M7	+0.26	-6.39	-1.20	-7.98	+0.21	+2.16
641	425	0	M+ A	+5.26	+11.05	+0.00	+0.00	+0.00	+4.57
641	427	357	M+ A	+5.26	+19.90	+0.00	+0.00	+39.84	+4.57
641	425	0	M- A	+0.00	+0.00	-39.19	-318.47	-25.13	-4.50
641	427	357	M- A	+0.00	-8.72	-57.69	-318.47	+0.00	-4.50
642	149	0	0 G	+0.00	+0.00	-0.00	+11.21	+46.29	+0.01
642	428	555	0 G	+0.00	-0.08	+237.07	+11.21	+33.82	+0.01
642		0	1 Q1	+0.00	+0.00	-0.00	+2.25	+29.15	+0.04
642		555	1 Q1	+0.00	-0.21	+161.79	+2.25	+29.15	+0.04
642		0	11 M1	+0.00	+0.00	-0.00	-0.12	+2.92	+0.02
642		555	11 M1	+0.00	-0.13	+16.21	-0.12	+2.92	+0.02
642		0	12 M2	+0.00	+0.00	-0.00	+2.63	+2.10	-0.02
642		555	12 M2	+0.00	+0.09	+11.67	+2.63	+2.10	-0.02
642		0	13 M3	+0.00	+0.00	-0.00	-0.33	+2.28	+0.03
642		555	13 M3	+0.00	-0.15	+12.64	-0.33	+2.28	+0.03
642		0	14 M4	+0.00	+0.00	-0.00	-1.98	-0.53	+0.04
642		555	14 M4	+0.00	-0.20	-2.96	-1.98	-0.53	+0.04
642		0	15 M5	+0.00	+0.00	-0.00	-3.23	+1.40	+0.07
642		555	15 M5	+0.00	-0.39	+7.79	-3.23	+1.40	+0.07
642		0	16 M6	+0.00	+0.00	-0.00	+7.18	+23.08	-0.04
642		555	16 M6	+0.00	+0.21	+128.12	+7.18	+23.08	-0.04
642		0	17 M7	+0.00	+0.00	-0.00	+3.33	+0.72	-0.05
642		555	17 M7	+0.00	+0.29	+4.01	+3.33	+0.72	-0.05
642	149	0	M+ A	+0.00	+0.00	-0.00	+28.72	+135.55	+0.18
642	428	555	M+ A	+0.00	+0.36	+725.90	+28.72	+118.96	+0.18
642	149	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.06
642	428	555	M- A	+0.00	-0.97	-0.00	+0.00	+0.00	-0.06
643	426	0	0 G	-2.47	-9.89	-10.01	-139.20	-5.77	-0.49
643	428	357	0 G	-2.47	-8.13	-14.49	-139.20	+8.28	-0.49
643		0	1 Q1	-0.45	-3.27	-9.23	-60.01	-14.27	+1.53
643		357	1 Q1	-0.45	-8.73	-9.25	-60.01	+14.29	+1.53
643		0	11 M1	-0.68	-1.09	-1.49	-34.54	+0.42	+1.37
643		357	11 M1	-0.68	-5.97	-3.00	-34.54	+0.42	+1.37
643		0	12 M2	-0.40	-1.70	-1.69	-24.54	+0.16	-0.86
643		357	12 M2	-0.40	+1.37	-2.26	-24.54	+0.16	-0.86
643		0	13 M3	-0.48	-0.73	-0.92	-32.32	+0.43	+1.15
643		357	13 M3	-0.48	-4.83	-2.47	-32.32	+0.43	+1.15
643		0	14 M4	+0.04	+0.83	+0.32	-8.49	-0.05	+1.19

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
643		357	14 M4	+0.04	-3.43	+0.51	-8.49	-0.05	+1.19
643		0	15 M5	-0.53	+0.30	-0.64	-39.69	+0.23	+2.88
643		357	15 M5	-0.53	-9.97	-1.46	-39.69	+0.23	+2.88
643		0	16 M6	-2.31	-4.85	-14.06	-38.09	-3.51	-1.62
643		357	16 M6	-2.31	+0.94	-1.54	-38.09	-3.51	-1.62
643		0	17 M7	-0.01	-1.29	-0.57	-8.12	+0.01	-2.23
643		357	17 M7	-0.01	+6.68	-0.59	-8.12	+0.01	-2.23
643	426	0	M+ A	+0.00	+0.00	+0.00	+0.00	+0.00	+5.43
643	428	357	M+ A	+0.00	+1.88	+0.00	+0.00	+33.07	+5.43
643	426	0	M- A	-7.27	-24.07	-44.29	-319.61	-32.89	-4.01
643	428	357	M- A	-7.27	-35.10	-36.58	-319.61	+0.00	-4.01
644	427	0	0 G	+0.00	-0.09	+255.32	+12.29	-6.22	-0.02
644	428	450	0 G	+0.00	-0.01	+240.98	+12.29	+12.59	-0.02
644		0	1 Q1	+0.00	-0.04	+167.81	+0.43	+1.25	-0.01
644		450	1 Q1	+0.00	-0.00	+162.20	+0.43	+1.25	-0.01
644		0	11 M1	+0.00	-0.02	+19.07	-1.84	+0.50	-0.00
644		450	11 M1	+0.00	+0.00	+16.82	-1.84	+0.50	-0.00
644		0	12 M2	+0.00	-0.01	+14.67	+3.76	+0.49	-0.00
644		450	12 M2	+0.00	-0.00	+12.47	+3.76	+0.49	-0.00
644		0	13 M3	+0.00	-0.01	+14.93	-1.68	+0.40	-0.00
644		450	13 M3	+0.00	-0.00	+13.12	-1.68	+0.40	-0.00
644		0	14 M4	-0.00	+0.00	-3.66	-3.39	-0.12	+0.00
644		450	14 M4	-0.00	+0.00	-3.12	-3.39	-0.12	+0.00
644		0	15 M5	+0.00	-0.01	+8.74	-6.61	+0.17	-0.00
644		450	15 M5	+0.00	+0.00	+7.99	-6.61	+0.17	-0.00
644		0	16 M6	+0.00	-0.04	+135.06	+9.08	+1.41	-0.01
644		450	16 M6	+0.00	-0.00	+128.72	+9.08	+1.41	-0.01
644		0	17 M7	+0.00	-0.00	+5.19	+6.16	+0.21	+0.00
644		450	17 M7	+0.00	-0.01	+4.27	+6.16	+0.21	+0.00
644	427	0	M+ A	+0.01	+0.00	+768.70	+30.55	+0.00	+0.00
644	428	450	M+ A	+0.01	+0.00	+732.57	+30.55	+20.54	+0.00
644	427	0	M- A	+0.00	-0.24	+0.00	+0.00	-8.46	-0.05
644	428	450	M- A	+0.00	-0.03	+0.00	+0.00	+0.00	-0.05
645	427	0	0 G	-1.67	+0.87	-23.91	-138.47	-19.93	+1.05
645	429	357	0 G	-1.67	-2.89	+22.17	-138.47	-5.88	+1.05
645		0	1 Q1	-2.48	+5.20	-12.94	-59.77	-16.35	-3.35
645		357	1 Q1	-2.48	+17.14	-5.54	-59.77	+12.21	-3.35
645		0	11 M1	-0.17	+4.23	-4.48	-34.48	-3.10	-3.02
645		357	11 M1	-0.17	+15.00	+6.57	-34.48	-3.10	-3.02
645		0	12 M2	+0.11	-2.14	-3.71	-24.41	-2.53	+1.90
645		357	12 M2	+0.11	-8.92	+5.32	-24.41	-2.53	+1.90
645		0	13 M3	-0.11	+3.66	-3.65	-32.21	-2.33	-2.60
645		357	13 M3	-0.11	+12.96	+4.65	-32.21	-2.33	-2.60
645		0	14 M4	-0.02	+3.42	+0.87	-8.54	+0.63	-2.67
645		357	14 M4	-0.02	+12.97	-1.37	-8.54	+0.63	-2.67
645		0	15 M5	-0.21	+8.34	-1.94	-39.71	-1.37	-6.39
645		357	15 M5	-0.21	+31.16	+2.94	-39.71	-1.37	-6.39
645		0	16 M6	-0.33	-3.69	-5.73	-37.73	-28.28	+3.70
645		357	16 M6	-0.33	-16.90	-5.57	-37.73	+11.72	+3.70
645		0	17 M7	+0.06	-6.10	-1.20	-8.03	-0.96	+4.82
645		357	17 M7	+0.06	-23.32	+2.24	-8.03	-0.96	+4.82
645	427	0	M+ A	+0.00	+19.14	+0.00	+0.00	+0.00	+8.66
645	429	357	M+ A	+0.00	+61.84	+39.78	+0.00	+24.74	+8.66
645	427	0	M- A	-6.31	-8.28	-57.70	-318.28	-86.50	-12.05
645	429	357	M- A	-6.31	-38.88	+0.00	-318.28	-12.58	-12.05
646	150	0	0 G	+2.80	+41.28	-151.81	+182.08	+88.75	+18.18
646	430	555	0 G	+2.80	-59.63	+290.43	+182.08	+65.30	+18.18
646		0	1 Q1	-20.07	+53.40	-45.44	+72.10	+29.21	+22.28
646		555	1 Q1	-20.07	-70.25	+116.66	+72.10	+29.21	+22.28
646		0	11 M1	+0.56	+37.55	+10.30	+28.56	+3.61	+15.55
646		555	11 M1	+0.56	-48.73	+30.34	+28.56	+3.61	+15.55
646		0	12 M2	+7.61	-10.74	-2.94	+25.52	+5.57	-4.26
646		555	12 M2	+7.61	+12.91	+27.95	+25.52	+5.57	-4.26
646		0	13 M3	-0.52	+30.88	+5.08	+21.92	+3.16	+12.89
646		555	13 M3	-0.52	-40.68	+22.64	+21.92	+3.16	+12.89
646		0	14 M4	+0.80	+23.06	+1.54	-5.44	-1.15	+9.56
646		555	14 M4	+0.80	-30.00	-4.85	-5.44	-1.15	+9.56
646		0	15 M5	+2.55	+62.97	+13.77	+13.30	+0.47	+26.23
646		555	15 M5	+2.55	-82.60	+16.38	+13.30	+0.47	+26.23
646		0	16 M6	-0.45	-9.12	-118.94	+80.63	+51.41	-3.69
646		555	16 M6	-0.45	+11.37	+166.38	+80.63	+51.41	-3.69
646		0	17 M7	-1.15	-44.39	-6.02	+8.15	+2.20	-18.10
646		555	17 M7	-1.15	+56.06	+6.22	+8.15	+2.20	-18.10
646	150	0	M+ A	+15.13	+221.44	-0.00	+460.44	+234.58	+93.60
646	430	555	M+ A	+15.13	+24.46	+793.33	+460.44	+203.39	+93.60
646	150	0	M- A	-26.02	-25.31	-441.66	+0.00	+0.00	-8.97
646	430	555	M- A	-26.02	-298.04	-0.00	+0.00	+0.00	-8.97
647	428	0	0 G	-6.39	-8.07	-14.48	-139.20	-12.95	-1.57
647	430	357	0 G	-6.39	-2.46	+6.64	-139.20	+1.11	-1.57
647		0	1 Q1	-0.87	-8.52	-9.25	-59.98	-13.62	+3.35
647		357	1 Q1	-0.87	-20.48	-11.61	-59.98	+14.94	+3.35
647		0	11 M1	-1.29	-5.84	-3.00	-34.53	-2.00	+3.08
647		357	11 M1	-1.29	-16.84	+4.13	-34.53	-2.00	+3.08
647		0	12 M2	-1.20	+1.28	-2.26	-24.56	-1.45	-1.99
647		357	12 M2	-1.20	+8.37	+2.93	-24.56	-1.45	-1.99
647		0	13 M3	-0.96	-4.68	-2.47	-32.30	-1.44	+2.50
647		357	13 M3	-0.96	-13.60	+2.69	-32.30	-1.44	+2.50
647		0	14 M4	+0.19	-3.23	+0.51	-8.46	+0.36	+2.59
647		357	14 M4	+0.19	-12.49	-0.78	-8.46	+0.36	+2.59
647		0	15 M5	-0.73	-9.58	-1.46	-39.62	-1.01	+6.26
647		357	15 M5	-0.73	-31.93	+2.13	-39.62	-1.01	+6.26
647		0	16 M6	-2.91	+0.72	-1.54	-38.14	-25.18	-3.52
647		357	16 M6	-2.91	+13.31	-12.44	-38.14	+14.82	-3.52
647		0	17 M7	-0.27	+6.38	-0.59	-8.17	-0.51	-5.06
647		357	17 M7	-0.27	+24.45	+1.24	-8.17	-0.51	-5.06
647	428	0	M+ A	+0.00	+1.50	+0.00	+0.00	+0.00	+11.34
647	430	357	M+ A	+0.00	+34.21	+15.17	+0.00	+39.47	+11.34
647	428	0	M- A	-13.90	-34.21	-36.58	-319.50	-69.55	-9.71
647	430	357	M- A	-13.90	-72.73	-24.21	-319.50	-1.88	-9.71
648	429	0	0 G	+2.98	-12.90	+500.12	+170.28	+35.46	-0.29
648	430	450	0 G	+2.98	-11.60	+278.18	+170.28	+63.18	-0.29
648		0	1 Q1	+2.22	-14.40	+198.97	+67.54	+19.29	+0.07
648		450	1 Q1	+2.22	-14.74	+112.15	+67.54	+19.29	+0.07
648		0	11 M1	+1.56	-9.90	+62.89	+26.80	+7.75	+0.11
648		450	11 M1	+1.56	-10.40	+28.02	+26.80	+7.75	+0.11
648		0	12 M2	-0.38	+2.46	+61.74	+23.83	+7.59	-0.12

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
648		450	12 M2	-0.38	+2.99	+27.60	+23.83	+7.59	-0.12
648		0	13 M3	+0.68	-8.42	+48.82	+20.47	+6.22	-0.03
648		450	13 M3	+0.68	-8.27	+20.82	+20.47	+6.22	-0.03
648		0	14 M4	+0.65	-6.16	-12.85	-5.08	-1.89	+0.02
648		450	14 M4	+0.65	-6.24	-4.34	-5.08	-1.89	+0.02
648		0	15 M5	+3.00	-16.87	+26.96	+12.53	+2.56	+0.16
648		450	15 M5	+3.00	-17.57	+15.46	+12.53	+2.56	+0.16
648		0	16 M6	-0.43	+2.26	+258.80	+75.50	+21.85	-0.06
648		450	16 M6	-0.43	+2.53	+160.47	+75.50	+21.85	-0.06
648		0	17 M7	-1.50	+11.18	+19.74	+7.42	+3.18	-0.25
648		450	17 M7	-1.50	+12.30	+5.42	+7.42	+3.18	-0.25
648	429	0	M+ A	+11.47	+3.88	+1321.96	+430.90	+105.99	+0.04
648	430	450	M+ A	+11.47	+6.85	+762.08	+430.90	+142.85	+0.04
648	429	0	M- A	+0.00	-61.90	+0.00	+0.00	+0.00	-0.76
648	430	450	M- A	+0.00	-61.67	+0.00	+0.00	+0.00	-0.76
649	429	0	0 G	+1.12	-47.86	+22.48	-119.59	+6.08	-10.94
649	431	355	0 G	+1.12	-9.01	-23.91	-119.59	+20.06	-10.94
649		0	1 Q1	-1.11	-40.14	+16.80	-36.81	+7.80	-8.38
649		355	1 Q1	-1.11	-10.40	-10.89	-36.81	+7.80	-8.38
649		0	11 M1	-0.13	-25.41	+7.59	-18.42	+3.26	-5.13
649		355	11 M1	-0.13	-7.18	-3.97	-18.42	+3.26	-5.13
649		0	12 M2	+2.08	+2.72	-2.65	-28.84	+1.66	+0.31
649		355	12 M2	+2.08	+1.63	-8.54	-28.84	+1.66	+0.31
649		0	13 M3	-0.04	-19.17	+5.87	-19.15	+2.51	-4.08
649		355	13 M3	-0.04	-4.69	-3.03	-19.15	+2.51	-4.08
649		0	14 M4	-0.09	-11.32	-1.54	+1.23	-0.65	-2.28
649		355	14 M4	-0.09	-3.21	+0.79	+1.23	-0.65	-2.28
649		0	15 M5	-0.35	-37.02	+3.39	-12.54	+1.44	-7.43
649		355	15 M5	-0.35	-10.66	-1.73	-12.54	+1.44	-7.43
649		0	16 M6	+0.41	-7.04	-5.48	-41.58	-11.59	-1.77
649		355	16 M6	+0.41	-0.74	-5.52	-41.58	+28.41	-1.77
649		0	17 M7	+0.23	+24.44	+1.90	-26.71	+0.92	+4.56
649		355	17 M7	+0.23	+8.27	-1.37	-26.71	+0.92	+4.56
649	429	0	M+ A	+4.63	+0.00	+63.53	+0.00	+23.33	+0.00
649	431	355	M+ A	+4.63	+3.39	+0.00	+0.00	+77.88	+0.00
649	429	0	M- A	-0.91	-163.69	+0.00	-262.47	-11.31	-35.14
649	431	355	M- A	-0.91	-39.07	-57.58	-262.47	+0.00	-35.14
650	151	0	0 G	+0.00	+0.00	-0.00	+18.96	+46.28	+0.10
650	432	555	0 G	+0.00	-0.54	+237.02	+18.96	+33.81	+0.10
650		0	1 Q1	+0.00	+0.00	-0.00	+9.69	+7.01	+0.11
650		555	1 Q1	+0.00	-0.60	+38.91	+9.69	+7.01	+0.11
650		0	11 M1	+0.00	+0.00	-0.00	+4.85	+2.80	+0.07
650		555	11 M1	+0.00	-0.38	+15.54	+4.85	+2.80	+0.07
650		0	12 M2	+0.00	+0.00	-0.00	+1.60	+16.80	-0.02
650		555	12 M2	+0.00	+0.10	+93.23	+1.60	+16.80	-0.02
650		0	13 M3	+0.00	+0.00	-0.00	+3.97	+2.10	+0.05
650		555	13 M3	+0.00	-0.29	+11.66	+3.97	+2.10	+0.05
650		0	14 M4	+0.00	+0.00	-0.00	+1.08	-0.52	+0.02
650		555	14 M4	+0.00	-0.09	-2.86	+1.08	-0.52	+0.02
650		0	15 M5	+0.00	+0.00	-0.00	+5.42	+1.35	+0.08
650		555	15 M5	+0.00	-0.43	+7.49	+5.42	+1.35	+0.08
650		0	16 M6	+0.00	+0.00	-0.00	+6.18	+23.12	+0.02
650		555	16 M6	+0.00	-0.10	+128.34	+6.18	+23.12	+0.02
650		0	17 M7	+0.00	+0.00	-0.00	-1.97	+0.78	-0.05
650		555	17 M7	+0.00	+0.26	+4.31	-1.97	+0.78	-0.05
650	151	0	M+ A	+0.00	+0.00	-0.00	+47.56	+105.70	+0.39
650	432	555	M+ A	+0.00	+0.00	+560.27	+47.56	+89.12	+0.39
650	151	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
650	432	555	M- A	+0.00	-2.17	-0.00	+0.00	+0.00	+0.00
651	430	0	0 G	+5.86	+45.57	+6.83	-121.31	-1.01	+10.24
651	432	355	0 G	+5.86	+9.23	-14.39	-121.31	+12.97	+10.24
651		0	1 Q1	+3.65	+35.04	+10.68	-37.63	+5.03	+7.91
651		355	1 Q1	+3.65	+6.97	-7.16	-37.63	+5.03	+7.91
651		0	11 M1	+1.03	+21.49	+5.14	-18.87	+2.14	+4.84
651		355	11 M1	+1.03	+4.31	-2.47	-18.87	+2.14	+4.84
651		0	12 M2	-0.85	-1.55	-5.06	-28.94	+0.57	-0.30
651		355	12 M2	-0.85	-0.48	-7.08	-28.94	+0.57	-0.30
651		0	13 M3	+0.86	+18.81	+3.89	-19.44	+1.61	+3.95
651		355	13 M3	+0.86	+4.78	-1.83	-19.44	+1.61	+3.95
651		0	14 M4	-0.31	+11.26	-0.93	+1.12	-0.38	+2.24
651		355	14 M4	-0.31	+3.31	+0.42	+1.12	-0.38	+2.24
651		0	15 M5	+0.19	+33.09	+2.59	-13.24	+1.08	+7.03
651		355	15 M5	+0.19	+8.15	-1.24	-13.24	+1.08	+7.03
651		0	16 M6	+3.00	+4.47	-12.42	-41.89	-14.74	+1.60
651		355	16 M6	+3.00	-1.22	-1.30	-41.89	+25.26	+1.60
651		0	17 M7	+0.54	-19.31	+0.89	-26.52	+0.47	-4.33
651		355	17 M7	+0.54	-3.95	-0.76	-26.52	+0.47	-4.33
651	430	0	M+ A	+16.53	+148.82	+30.64	+0.00	+8.78	+33.06
651	432	355	M+ A	+16.53	+32.00	+0.00	+0.00	+60.68	+33.06
651	430	0	M- A	+0.00	+0.00	-11.80	-266.11	-23.47	+0.00
651	432	355	M- A	+0.00	+0.00	-37.61	-266.11	+0.00	+0.00
652	431	0	0 G	-0.00	+0.05	+255.51	+23.86	-6.17	-0.00
652	432	450	0 G	-0.00	+0.06	+240.95	+23.86	+12.64	-0.00
652		0	1 Q1	-0.00	+0.05	+47.08	+13.87	+1.26	+0.01
652		450	1 Q1	-0.00	-0.00	+41.39	+13.87	+1.26	+0.01
652		0	11 M1	-0.00	+0.03	+18.47	+7.50	+0.51	+0.01
652		450	11 M1	-0.00	-0.01	+16.19	+7.50	+0.51	+0.01
652		0	12 M2	-0.00	-0.00	+95.03	+1.32	+0.50	-0.00
652		450	12 M2	-0.00	+0.02	+92.79	+1.32	+0.50	-0.00
652		0	13 M3	-0.00	+0.01	+14.02	+6.02	+0.41	-0.00
652		450	13 M3	-0.00	+0.01	+12.18	+6.02	+0.41	-0.00
652		0	14 M4	+0.00	-0.00	-3.57	+2.32	-0.12	-0.00
652		450	14 M4	+0.00	-0.00	-3.01	+2.32	-0.12	-0.00
652		0	15 M5	+0.00	+0.02	+8.47	+9.26	+0.17	+0.01
652		450	15 M5	+0.00	-0.01	+7.72	+9.26	+0.17	+0.01
652		0	16 M6	-0.00	+0.04	+135.34	+6.93	+1.43	+0.01
652		450	16 M6	-0.00	+0.01	+128.90	+6.93	+1.43	+0.01
652		0	17 M7	-0.00	-0.03	+5.49	-4.58	+0.21	-0.01
652		450	17 M7	-0.00	+0.03	+4.55	-4.58	+0.21	-0.01
652	431	0	M+ A	+0.00	+0.18	+606.39	+64.35	+0.00	+0.03
652	432	450	M+ A	+0.00	+0.13	+569.68	+64.35	+20.67	+0.03
652	431	0	M- A	-0.01	+0.00	+0.00	+0.00	-8.39	-0.02
652	432	450	M- A	-0.01	+0.00	+0.00	+0.00	+0.00	-0.02
653	431	0	0 G	-2.02	-9.53	-23.91	-119.51	-11.48	-5.09
653	433	355	0 G	-2.02	+8.53	-7.96	-119.51	+2.50	-5.09
653		0	1 Q1	-1.41	-11.05	-10.89	-36.71	-2.00	-4.02

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
653		355	1 Q1	-1.41	+3.22	-3.78	-36.71	-2.00	-4.02
653		0	11 M1	-0.61	-7.61	-3.97	-18.36	-0.67	-2.48
653		355	11 M1	-0.61	+1.19	-1.60	-18.36	-0.67	-2.48
653		0	12 M2	+0.54	+1.76	-8.54	-28.85	-16.24	+0.18
653		355	12 M2	+0.54	+1.13	+2.69	-28.85	+23.76	+0.18
653		0	13 M3	-0.41	-4.98	-3.03	-19.10	-0.49	-1.86
653		355	13 M3	-0.41	+1.63	-1.28	-19.10	-0.49	-1.86
653		0	14 M4	+0.03	-3.30	+0.79	+1.25	+0.14	-0.99
653		355	14 M4	+0.03	+0.20	+0.31	+1.25	+0.14	-0.99
653		0	15 M5	-0.49	-11.12	-1.73	-12.47	-0.28	-3.42
653		355	15 M5	-0.49	+1.03	-0.75	-12.47	-0.28	-3.42
653		0	16 M6	-2.18	-0.87	-5.52	-41.57	+2.12	-1.01
653		355	16 M6	-2.18	+2.71	-13.05	-41.57	+2.12	-1.01
653		0	17 M7	+0.02	+8.60	-1.37	-26.75	-0.31	+2.21
653		355	17 M7	+0.02	+0.77	-0.26	-26.75	-0.31	+2.21
653	431	0	M+ A	+0.00	+3.37	+0.00	+0.00	+0.00	+0.00
653	433	355	M+ A	+0.00	+19.21	+0.00	+0.00	+39.02	+0.00
653	431	0	M- A	-7.48	-41.15	-57.57	-262.23	-41.95	-16.49
653	433	355	M- A	-7.48	+0.00	-34.30	-262.23	-1.20	-16.49
654	152	0	0 G	+0.00	+0.00	-0.00	+4.83	+34.99	+0.15
654	434	555	0 G	+0.00	-0.81	+174.37	+4.83	+22.52	+0.15
654		0	1 Q1	+0.00	+0.00	-0.00	+3.14	-0.86	+0.17
654		555	1 Q1	+0.00	-0.93	-4.78	+3.14	-0.86	+0.17
654		0	11 M1	+0.00	+0.00	-0.00	+1.81	-0.25	+0.11
654		555	11 M1	+0.00	-0.59	-1.37	+1.81	-0.25	+0.11
654		0	12 M2	+0.00	+0.00	-0.00	+0.09	+20.60	-0.03
654		555	12 M2	+0.00	+0.17	+114.33	+0.09	+20.60	-0.03
654		0	13 M3	+0.00	+0.00	-0.00	+1.51	-0.19	+0.08
654		555	13 M3	+0.00	-0.43	-1.05	+1.51	-0.19	+0.08
654		0	14 M4	+0.00	+0.00	-0.00	+0.75	+0.04	+0.01
654		555	14 M4	+0.00	-0.05	+0.24	+0.75	+0.04	+0.01
654		0	15 M5	+0.00	+0.00	-0.00	+2.56	-0.13	+0.10
654		555	15 M5	+0.00	-0.53	-0.70	+2.56	-0.13	+0.10
654		0	16 M6	+0.00	+0.00	-0.00	+0.97	+7.51	+0.04
654		555	16 M6	+0.00	-0.24	+41.69	+0.97	+7.51	+0.04
654		0	17 M7	+0.00	+0.00	-0.00	-1.35	-0.05	-0.05
654		555	17 M7	+0.00	+0.29	-0.27	-1.35	-0.05	-0.05
654	152	0	M+ A	+0.00	+0.00	-0.00	+14.49	+77.44	+0.58
654	434	555	M+ A	+0.00	+0.00	+403.41	+14.49	+60.86	+0.58
654	152	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
654	434	555	M- A	+0.00	-3.22	-0.00	+0.00	+0.00	+0.00
655	432	0	0 G	+1.93	+9.83	-14.40	-121.21	-8.20	+5.34
655	434	355	0 G	+1.93	-9.11	-10.09	-121.21	+5.78	+5.34
655		0	1 Q1	+1.17	+7.56	-7.16	-37.51	-0.72	+3.72
655		355	1 Q1	+1.17	-5.63	-4.61	-37.51	-0.72	+3.72
655		0	11 M1	+0.38	+4.68	-2.47	-18.79	-0.15	+2.19
655		355	11 M1	+0.38	-3.10	-1.93	-18.79	-0.15	+2.19
655		0	12 M2	-0.40	-0.57	-7.08	-28.96	-15.73	-0.02
655		355	12 M2	-0.40	-0.50	+2.37	-28.96	+24.27	-0.02
655		0	13 M3	+0.34	+5.08	-1.83	-19.38	-0.08	+1.90
655		355	13 M3	+0.34	-1.67	-1.55	-19.38	-0.08	+1.90
655		0	14 M4	-0.16	+3.40	+0.42	+1.14	+0.01	+1.00
655		355	14 M4	-0.16	-0.16	+0.38	+1.14	+0.01	+1.00
655		0	15 M5	-0.03	+8.57	-1.24	-13.15	-0.10	+3.19
655		355	15 M5	-0.03	-2.76	-0.87	-13.15	-0.10	+3.19
655		0	16 M6	+2.44	-1.12	-1.30	-41.86	+3.57	+0.85
655		355	16 M6	+2.44	-4.12	-13.97	-41.86	+3.57	+0.85
655		0	17 M7	+0.30	-4.18	-0.76	-26.58	-0.10	-1.72
655		355	17 M7	+0.30	+1.91	-0.40	-26.58	-0.10	-1.72
655	432	0	M+ A	+7.49	+34.07	+0.00	+0.00	+0.00	+16.13
655	434	355	M+ A	+7.49	+0.00	+0.00	+0.00	+44.20	+16.13
655	432	0	M- A	+0.00	+0.00	-37.62	-265.82	-35.43	+0.00
655	434	355	M- A	+0.00	-25.07	-39.42	-265.82	+0.00	+0.00
656	433	0	0 G	+0.00	+0.04	+170.06	+9.86	-10.84	-0.01
656	434	450	0 G	+0.00	+0.07	+176.49	+9.86	+7.98	-0.01
656		0	1 Q1	+0.00	+0.07	-5.92	+6.53	-0.56	+0.02
656		450	1 Q1	+0.00	-0.01	-3.40	+6.53	-0.56	+0.02
656		0	11 M1	+0.00	+0.05	-1.87	+3.78	-0.23	+0.02
656		450	11 M1	+0.00	-0.02	-0.85	+3.78	-0.23	+0.02
656		0	12 M2	+0.00	-0.01	+111.26	+0.17	-0.22	-0.01
656		450	12 M2	+0.00	+0.02	+112.25	+0.17	-0.22	-0.01
656		0	13 M3	+0.00	+0.01	-1.47	+3.08	-0.18	-0.00
656		450	13 M3	+0.00	+0.02	-0.66	+3.08	-0.18	-0.00
656		0	14 M4	+0.00	+0.00	+0.38	+1.55	+0.06	-0.00
656		450	14 M4	+0.00	+0.01	+0.13	+1.55	+0.06	-0.00
656		0	15 M5	+0.00	+0.05	-0.80	+5.27	-0.07	+0.01
656		450	15 M5	+0.00	-0.01	-0.47	+5.27	-0.07	+0.01
656		0	16 M6	+0.00	+0.04	+43.31	+2.13	-0.64	+0.01
656		450	16 M6	+0.00	-0.01	+46.17	+2.13	-0.64	+0.01
656		0	17 M7	-0.00	-0.06	-0.53	-2.95	-0.09	-0.02
656		450	17 M7	-0.00	+0.04	-0.12	-2.95	-0.09	-0.02
656	433	0	M+ A	+0.00	+0.23	+393.07	+29.84	+0.00	+0.04
656	434	450	M+ A	+0.00	+0.15	+403.11	+29.84	+10.69	+0.04
656	433	0	M- A	+0.00	-0.05	+0.00	+0.00	-16.12	-0.04
656	434	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.04
657	433	0	0 G	-0.20	+7.82	-7.97	-119.38	-8.08	+0.28
657	435	355	0 G	-0.20	+6.81	-4.08	-119.38	+5.89	+0.28
657		0	1 Q1	-0.16	+2.23	-3.78	-36.56	-0.15	-0.58
657		355	1 Q1	-0.16	+4.29	-3.25	-36.56	-0.15	-0.58
657		0	11 M1	-0.14	+0.53	-1.60	-18.26	-0.02	-0.51
657		355	11 M1	-0.14	+2.34	-1.53	-18.26	-0.02	-0.51
657		0	12 M2	-1.59	+1.35	+2.69	-28.88	+3.55	+0.31
657		355	12 M2	-1.59	+0.23	-9.92	-28.88	+3.55	+0.31
657		0	13 M3	-0.05	+1.21	-1.28	-19.03	+0.02	-0.23
657		355	13 M3	-0.05	+2.03	-1.34	-19.03	+0.02	-0.23
657		0	14 M4	-0.05	+0.15	+0.31	+1.25	-0.00	-0.16
657		355	14 M4	-0.05	+0.74	+0.32	+1.25	-0.00	-0.16
657		0	15 M5	-0.26	+0.44	-0.75	-12.39	-0.02	-0.66
657		355	15 M5	-0.26	+2.79	-0.68	-12.39	-0.02	-0.66
657		0	16 M6	+2.13	+2.44	-13.05	-41.54	-4.27	+0.15
657		355	16 M6	+2.13	+1.91	+2.11	-41.54	-4.27	+0.15
657		0	17 M7	+0.15	+1.19	-0.26	-26.79	-0.10	+0.71
657		355	17 M7	+0.15	-1.34	+0.09	-26.79	-0.10	+0.71
657	433	0	M+ A	+2.99	+16.55	+0.00	+0.00	+0.00	+1.45
657	435	355	M+ A	+2.99	+18.56	+0.00	+0.00	+13.29	+1.45
657	433	0	M- A	-2.82	+0.00	-34.30	-261.86	-17.48	-1.32
657	435	355	M- A	-2.82	+0.00	-23.80	-261.86	-0.67	-1.32

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
658	153	0	0 G	+0.00	+0.00	-0.00	-0.32	+34.63	+0.19
658	436	555	0 G	+0.00	-1.04	+172.33	-0.32	+22.16	+0.19
658		0	1 Q1	+0.00	+0.00	-0.00	+0.13	-0.68	+0.22
658		555	1 Q1	+0.00	-1.23	-3.78	+0.13	-0.68	+0.22
658		0	11 M1	+0.00	+0.00	-0.00	+0.17	-0.26	+0.14
658		555	11 M1	+0.00	-0.77	-1.45	+0.17	-0.26	+0.14
658		0	12 M2	+0.00	+0.00	-0.00	-0.17	+8.29	-0.04
658		555	12 M2	+0.00	+0.23	+46.03	-0.17	+8.29	-0.04
658		0	13 M3	+0.00	+0.00	-0.00	+0.16	-0.20	+0.10
658		555	13 M3	+0.00	-0.55	-1.11	+0.16	-0.20	+0.10
658		0	14 M4	+0.00	+0.00	-0.00	+0.20	+0.05	-0.00
658		555	14 M4	+0.00	+0.00	+0.29	+0.20	+0.05	-0.00
658		0	15 M5	+0.00	+0.00	-0.00	+0.43	-0.12	+0.11
658		555	15 M5	+0.00	-0.60	-0.65	+0.43	-0.12	+0.11
658		0	16 M6	+0.00	+0.00	-0.00	-0.38	+22.45	+0.07
658		555	16 M6	+0.00	-0.38	+124.62	-0.38	+22.45	+0.07
658		0	17 M7	+0.00	+0.00	-0.00	-0.35	-0.06	-0.05
658		555	17 M7	+0.00	+0.30	-0.34	-0.35	-0.06	-0.05
658	153	0	M+ A	+0.00	+0.00	-0.00	+0.51	+79.73	+0.76
658	436	555	M+ A	+0.00	+0.00	+416.13	+0.51	+63.15	+0.76
658	153	0	M- A	+0.00	+0.00	-0.00	-1.00	+0.00	+0.00
658	436	555	M- A	+0.00	-4.20	-0.00	-1.00	+0.00	+0.00
659	434	0	0 G	-0.19	-8.23	-10.09	-121.07	-8.77	+0.30
659	436	355	0 G	-0.19	-9.29	-3.76	-121.07	+5.21	+0.30
659		0	1 Q1	-0.22	-4.71	-4.61	-37.33	-0.42	+0.32
659		355	1 Q1	-0.22	-5.86	-3.12	-37.33	-0.42	+0.32
659		0	11 M1	-0.14	-2.53	-1.93	-18.67	-0.13	+0.22
659		355	11 M1	-0.14	-3.30	-1.48	-18.67	-0.13	+0.22
659		0	12 M2	+1.68	-0.65	+2.37	-29.00	+3.45	-0.10
659		355	12 M2	+1.68	-0.30	-9.87	-29.00	+3.45	-0.10
659		0	13 M3	-0.05	-1.22	-1.55	-19.31	-0.07	+0.33
659		355	13 M3	-0.05	-2.40	-1.30	-19.31	-0.07	+0.33
659		0	14 M4	-0.05	-0.10	+0.38	+1.14	+0.02	+0.20
659		355	14 M4	-0.05	-0.83	+0.30	+1.14	+0.02	+0.20
659		0	15 M5	-0.26	-2.23	-0.87	-13.04	-0.05	+0.48
659		355	15 M5	-0.26	-3.92	-0.68	-13.04	-0.05	+0.48
659		0	16 M6	-2.04	-3.88	-13.97	-41.81	-4.58	-0.31
659		355	16 M6	-2.04	-2.76	+2.28	-41.81	-4.58	-0.31
659		0	17 M7	+0.15	+1.67	-0.40	-26.65	-0.15	-0.12
659		355	17 M7	+0.15	+2.08	+0.11	-26.65	-0.15	-0.12
659	434	0	M+ A	+2.33	+0.00	+0.00	+0.00	+0.00	+1.46
659	436	355	M+ A	+2.33	+0.00	+0.00	+0.00	+12.20	+1.46
659	434	0	M- A	-3.55	-22.24	-39.42	-265.36	-19.15	-0.17
659	436	355	M- A	-3.55	-25.44	-23.16	-265.36	-2.10	-0.17
660	435	0	0 G	-0.00	+0.01	+173.73	+0.94	-9.09	-0.00
660	436	450	0 G	-0.00	+0.03	+172.28	+0.94	+9.73	-0.00
660		0	1 Q1	+0.00	+0.06	-3.21	+1.01	+0.12	+0.02
660		450	1 Q1	+0.00	-0.03	-3.78	+1.01	+0.12	+0.02
660		0	11 M1	+0.00	+0.05	-1.22	+0.70	+0.05	+0.02
660		450	11 M1	+0.00	-0.03	-1.44	+0.70	+0.05	+0.02
660		0	12 M2	-0.00	-0.02	+49.93	-0.17	+0.05	-0.01
660		450	12 M2	-0.00	+0.02	+49.71	-0.17	+0.05	-0.01
660		0	13 M3	+0.00	+0.00	-0.93	+0.60	+0.04	-0.00
660		450	13 M3	+0.00	+0.01	-1.11	+0.60	+0.04	-0.00
660		0	14 M4	+0.00	+0.00	+0.23	+0.48	-0.01	-0.00
660		450	14 M4	+0.00	+0.01	+0.28	+0.48	-0.01	-0.00
660		0	15 M5	+0.00	+0.05	-0.58	+1.28	+0.02	+0.02
660		450	15 M5	+0.00	-0.02	-0.66	+1.28	+0.02	+0.02
660		0	16 M6	-0.00	+0.03	+124.03	-0.21	+0.14	+0.01
660		450	16 M6	-0.00	-0.02	+123.40	-0.21	+0.14	+0.01
660		0	17 M7	-0.00	-0.07	-0.25	-0.85	+0.02	-0.03
660		450	17 M7	-0.00	+0.06	-0.34	-0.85	+0.02	-0.03
660	435	0	M+ A	+0.00	+0.17	+417.10	+4.54	+0.00	+0.05
660	436	450	M+ A	+0.00	+0.13	+414.24	+4.54	+13.31	+0.05
660	435	0	M- A	-0.00	-0.09	+0.00	-0.33	-12.10	-0.05
660	436	450	M- A	-0.00	-0.06	+0.00	-0.33	+0.00	-0.05
661	435	0	0 G	+0.11	+5.97	-4.08	-119.22	-7.37	+1.56
661	437	355	0 G	+0.11	+0.43	-2.72	-119.22	+6.61	+1.56
661		0	1 Q1	-0.03	+3.01	-3.25	-36.36	+0.33	+0.29
661		355	1 Q1	-0.03	+1.97	-4.42	-36.36	+0.33	+0.29
661		0	11 M1	-0.08	+1.50	-1.53	-18.14	+0.16	+0.01
661		355	11 M1	-0.08	+1.46	-2.10	-18.14	+0.16	+0.01
661		0	12 M2	+2.14	+0.53	-9.92	-28.93	-4.82	+0.32
661		355	12 M2	+2.14	-0.61	+3.99	-28.93	+15.18	+0.32
661		0	13 M3	+0.00	+1.51	-1.34	-18.93	+0.15	+0.21
661		355	13 M3	+0.00	+0.75	-1.88	-18.93	+0.15	+0.21
661		0	14 M4	-0.06	+0.74	+0.32	+1.25	-0.03	+0.12
661		355	14 M4	-0.06	+0.32	+0.44	+1.25	-0.03	+0.12
661		0	15 M5	-0.21	+2.14	-0.68	-12.29	+0.07	+0.17
661		355	15 M5	-0.21	+1.52	-0.95	-12.29	+0.07	+0.17
661		0	16 M6	+1.01	+1.51	+2.11	-41.48	-6.96	+0.31
661		355	16 M6	+1.01	+0.41	-8.79	-41.48	+13.04	+0.31
661		0	17 M7	+0.17	-0.89	+0.09	-26.83	-0.07	+0.23
661		355	17 M7	+0.17	-1.69	+0.35	-26.83	-0.07	+0.23
661	435	0	M+ A	+3.36	+14.81	+0.00	+0.00	+0.00	+2.90
661	437	355	M+ A	+3.36	+5.13	+3.26	+0.00	+32.03	+2.90
661	435	0	M- A	-0.24	+0.00	-23.80	-261.36	-20.39	+0.00
661	437	355	M- A	-0.24	-2.11	-21.50	-261.36	+0.00	+0.00
662	154	0	0 G	+0.00	+0.00	-0.00	-0.73	+35.67	+0.23
662	438	555	0 G	+0.00	-1.28	+178.12	-0.73	+23.20	+0.23
662		0	1 Q1	+0.00	+0.00	-0.00	-0.37	+0.05	+0.28
662		555	1 Q1	+0.00	-1.54	+0.27	-0.37	+0.05	+0.28
662		0	11 M1	+0.00	+0.00	-0.00	-0.18	+0.02	+0.17
662		555	11 M1	+0.00	-0.96	+0.09	-0.18	+0.02	+0.17
662		0	12 M2	+0.00	+0.00	-0.00	-0.06	+23.35	-0.05
662		555	12 M2	+0.00	+0.30	+129.60	-0.06	+23.35	-0.05
662		0	13 M3	+0.00	+0.00	-0.00	-0.13	+0.02	+0.12
662		555	13 M3	+0.00	-0.67	+0.09	-0.13	+0.02	+0.12
662		0	14 M4	+0.00	+0.00	-0.00	-0.02	-0.00	-0.01
662		555	14 M4	+0.00	+0.05	-0.01	-0.02	-0.00	-0.01
662		0	15 M5	+0.00	+0.00	-0.00	-0.18	+0.01	+0.12
662		555	15 M5	+0.00	-0.68	+0.06	-0.18	+0.01	+0.12
662		0	16 M6	+0.00	+0.00	-0.00	-0.28	+28.95	+0.10
662		555	16 M6	+0.00	-0.54	+160.65	-0.28	+28.95	+0.10
662		0	17 M7	+0.00	+0.00	-0.00	+0.07	+0.04	-0.06
662		555	17 M7	+0.00	+0.31	+0.21	+0.07	+0.04	-0.06
662	154	0	M+ A	+0.00	+0.00	-0.00	+0.00	+90.92	+0.94

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
662	438	555	M+ A	+0.00	+0.00	+478.23	+0.00	+74.34	+0.94
662	154	0	M- A	+0.00	+0.00	-0.00	-1.88	+0.00	+0.00
662	438	555	M- A	+0.00	-5.23	-0.00	-1.88	+0.00	+0.00
663	436	0	0 G	-0.14	-8.22	-3.76	-120.89	-7.22	-0.96
663	438	355	0 G	-0.14	-4.79	-2.94	-120.89	+6.76	-0.96
663		0	1 Q1	-0.22	-4.66	-3.12	-37.09	+0.39	-0.56
663		355	1 Q1	-0.22	-2.68	-4.50	-37.09	+0.39	-0.56
663		0	11 M1	-0.15	-2.56	-1.48	-18.51	+0.18	-0.31
663		355	11 M1	-0.15	-1.44	-2.13	-18.51	+0.18	-0.31
663		0	12 M2	-2.00	-0.51	-9.87	-29.05	-4.80	-0.10
663		355	12 M2	-2.00	-0.16	+3.96	-29.05	+15.20	-0.10
663		0	13 M3	-0.05	-1.84	-1.30	-19.21	+0.17	-0.11
663		355	13 M3	-0.05	-1.44	-1.91	-19.21	+0.17	-0.11
663		0	14 M4	-0.04	-0.82	+0.30	+1.14	-0.04	-0.08
663		355	14 M4	-0.04	-0.54	+0.44	+1.14	-0.04	-0.08
663		0	15 M5	-0.24	-3.34	-0.68	-12.92	+0.08	-0.37
663		355	15 M5	-0.24	-2.03	-0.98	-12.92	+0.08	-0.37
663		0	16 M6	-0.83	-2.40	+2.28	-41.73	-6.89	-0.48
663		355	16 M6	-0.83	-0.70	-8.85	-41.73	+13.11	-0.48
663		0	17 M7	+0.15	+1.84	+0.11	-26.73	-0.06	+0.39
663		355	17 M7	+0.15	+0.47	+0.34	-26.73	-0.06	+0.39
663	436	0	M+ A	+0.08	+0.00	+0.00	+0.00	+0.00	+0.00
663	438	355	M+ A	+0.08	+0.00	+3.00	+0.00	+32.33	+0.00
663	436	0	M- A	-3.42	-21.59	-23.16	-264.73	-20.09	-2.64
663	438	355	M- A	-3.42	-12.63	-21.96	-264.73	+0.00	-2.64
664	437	0	0 G	-0.00	+0.00	+177.66	-1.51	-9.45	+0.00
664	438	450	0 G	-0.00	+0.00	+177.84	-1.51	+9.37	+0.00
664		0	1 Q1	+0.00	+0.05	+0.10	-0.76	-0.02	+0.02
664		450	1 Q1	+0.00	-0.05	+0.17	-0.76	-0.02	+0.02
664		0	11 M1	+0.00	+0.04	+0.03	-0.37	-0.01	+0.02
664		450	11 M1	+0.00	-0.04	+0.06	-0.37	-0.01	+0.02
664		0	12 M2	-0.00	-0.02	+128.23	-0.13	-0.01	-0.01
664		450	12 M2	-0.00	+0.02	+128.26	-0.13	-0.01	-0.01
664		0	13 M3	+0.00	+0.00	+0.04	-0.28	-0.00	-0.00
664		450	13 M3	+0.00	+0.00	+0.06	-0.28	-0.00	-0.00
664		0	14 M4	+0.00	-0.00	-0.00	-0.01	+0.00	-0.00
664		450	14 M4	+0.00	+0.00	-0.02	-0.01	+0.00	-0.00
664		0	15 M5	+0.00	+0.04	+0.03	-0.29	+0.00	+0.02
664		450	15 M5	+0.00	-0.03	+0.02	-0.29	+0.00	+0.02
664		0	16 M6	-0.00	+0.03	+158.49	-0.61	-0.02	+0.01
664		450	16 M6	-0.00	-0.03	+158.60	-0.61	-0.02	+0.01
664		0	17 M7	-0.00	-0.06	+0.15	+0.07	-0.00	-0.03
664		450	17 M7	-0.00	+0.06	+0.16	+0.07	-0.00	-0.03
664	437	0	M+ A	+0.00	+0.14	+474.16	+0.00	+0.00	+0.06
664	438	450	M+ A	+0.00	+0.09	+474.66	+0.00	+12.46	+0.06
664	437	0	M- A	-0.00	-0.09	+0.00	-3.94	-12.62	-0.04
664	438	450	M- A	-0.00	-0.13	+0.00	-3.94	+0.00	-0.04
665	437	0	0 G	+0.15	-0.60	-2.72	-119.04	-7.06	+0.78
665	439	355	0 G	+0.15	-3.38	-2.47	-119.04	+6.92	+0.78
665		0	1 Q1	-0.02	+0.41	-4.42	-36.12	+0.33	-0.12
665		355	1 Q1	-0.02	+0.83	-5.59	-36.12	+0.33	-0.12
665		0	11 M1	-0.07	+0.44	-2.10	-17.98	+0.16	-0.19
665		355	11 M1	-0.07	+1.11	-2.68	-17.98	+0.16	-0.19
665		0	12 M2	+0.84	-0.25	+3.99	-28.98	-8.15	+0.26
665		355	12 M2	+0.84	-1.16	-5.28	-28.98	+11.85	+0.26
665		0	13 M3	+0.02	+0.11	-1.88	-18.82	+0.15	+0.07
665		355	13 M3	+0.02	-0.14	-2.42	-18.82	+0.15	+0.07
665		0	14 M4	-0.05	+0.38	+0.44	+1.24	-0.04	+0.13
665		355	14 M4	-0.05	-0.10	+0.57	+1.24	-0.04	+0.13
665		0	15 M5	-0.17	+0.82	-0.95	-12.19	+0.07	+0.04
665		355	15 M5	-0.17	+0.67	-1.21	-12.19	+0.07	+0.04
665		0	16 M6	-1.00	-0.13	-8.79	-41.40	-15.85	-0.03
665		355	16 M6	-1.00	-0.03	-0.11	-41.40	+24.15	-0.03
665		0	17 M7	+0.15	-1.22	+0.35	-26.88	-0.10	+0.25
665		355	17 M7	+0.15	-2.12	+0.72	-26.88	-0.10	+0.25
665	437	0	M+ A	+1.46	+1.05	+3.26	+0.00	+0.00	+1.45
665	439	355	M+ A	+1.46	+0.00	+0.00	+0.00	+45.91	+1.45
665	437	0	M- A	-1.38	-2.65	-21.50	-260.73	-33.31	+0.00
665	439	355	M- A	-1.38	-7.74	-17.26	-260.73	+0.00	+0.00
666	155	0	0 G	+0.00	+0.00	-0.00	-0.49	+35.67	+0.28
666	440	555	0 G	+0.00	-1.54	+178.10	-0.49	+23.20	+0.28
666		0	1 Q1	+0.00	+0.00	-0.00	-0.26	+0.42	+0.34
666		555	1 Q1	+0.00	-1.86	+2.36	-0.26	+0.42	+0.34
666		0	11 M1	+0.00	+0.00	-0.00	-0.13	+0.20	+0.21
666		555	11 M1	+0.00	-1.17	+1.11	-0.13	+0.20	+0.21
666		0	12 M2	+0.00	+0.00	-0.00	-0.04	+28.57	-0.06
666		555	12 M2	+0.00	+0.36	+158.59	-0.04	+28.57	-0.06
666		0	13 M3	+0.00	+0.00	-0.00	-0.11	+0.18	+0.14
666		555	13 M3	+0.00	-0.80	+1.01	-0.11	+0.18	+0.14
666		0	14 M4	+0.00	+0.00	-0.00	-0.04	-0.04	-0.02
666		555	14 M4	+0.00	+0.10	-0.22	-0.04	-0.04	-0.02
666		0	15 M5	+0.00	+0.00	-0.00	-0.16	+0.10	+0.14
666		555	15 M5	+0.00	-0.76	+0.54	-0.16	+0.10	+0.14
666		0	16 M6	+0.00	+0.00	-0.00	-0.14	+21.09	+0.13
666		555	16 M6	+0.00	-0.70	+117.07	-0.14	+21.09	+0.13
666		0	17 M7	+0.00	+0.00	-0.00	+0.06	-0.13	-0.06
666		555	17 M7	+0.00	+0.34	-0.70	+0.06	-0.13	-0.06
666	155	0	M+ A	+0.00	+0.00	-0.00	+0.00	+90.87	+1.14
666	440	555	M+ A	+0.00	+0.00	+477.94	+0.00	+74.29	+1.14
666	155	0	M- A	+0.00	+0.00	-0.00	-1.24	+0.00	+0.00
666	440	555	M- A	+0.00	-6.31	-0.00	-1.24	+0.00	+0.00
667	438	0	0 G	+0.13	-3.51	-2.94	-120.66	-7.07	-0.18
667	440	355	0 G	+0.13	-2.85	-2.63	-120.66	+6.90	-0.18
667		0	1 Q1	-0.13	-1.20	-4.50	-36.79	+0.32	-0.16
667		355	1 Q1	-0.13	-0.61	-5.64	-36.79	+0.32	-0.16
667		0	11 M1	-0.12	-0.52	-2.13	-18.32	+0.16	-0.13
667		355	11 M1	-0.12	-0.06	-2.71	-18.32	+0.16	-0.13
667		0	12 M2	-0.66	-0.44	+3.96	-29.11	-8.15	-0.03
667		355	12 M2	-0.66	-0.34	-5.29	-29.11	+11.85	-0.03
667		0	13 M3	-0.03	-0.77	-1.91	-19.09	+0.15	+0.03
667		355	13 M3	-0.03	-0.88	-2.44	-19.09	+0.15	+0.03
667		0	14 M4	-0.04	-0.59	+0.44	+1.13	-0.03	-0.10
667		355	14 M4	-0.04	-0.25	+0.56	+1.13	-0.03	-0.10
667		0	15 M5	-0.20	-1.39	-0.98	-12.78	+0.08	-0.25
667		355	15 M5	-0.20	-0.50	-1.25	-12.78	+0.08	-0.25
667		0	16 M6	+1.23	-0.19	-8.85	-41.62	-15.86	-0.15

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
667		355	16 M6	+1.23	+0.34	-0.14	-41.62	+24.14	-0.15
667		0	17 M7	+0.20	+0.21	+0.34	-26.82	-0.10	+0.39
667		355	17 M7	+0.20	-1.15	+0.71	-26.82	-0.10	+0.39
667	438	0	M+ A	+2.02	+0.00	+3.00	+0.00	+0.00	+0.39
667	440	355	M+ A	+2.02	+0.00	+0.00	+0.00	+45.86	+0.39
667	438	0	M- A	-0.99	-8.08	-21.96	-263.94	-33.35	-0.80
667	440	355	M- A	-0.99	-6.23	-17.57	-263.94	+0.00	-0.80
668	439	0	0 G	-0.00	+0.03	+178.05	-1.58	-9.37	+0.01
668	440	450	0 G	-0.00	-0.03	+177.90	-1.58	+9.44	+0.01
668		0	1 Q1	+0.00	+0.05	+2.24	-0.83	+0.01	+0.02
668		450	1 Q1	+0.00	-0.05	+2.18	-0.83	+0.01	+0.02
668		0	11 M1	+0.00	+0.04	+1.05	-0.42	+0.00	+0.02
668		450	11 M1	+0.00	-0.04	+1.03	-0.42	+0.00	+0.02
668		0	12 M2	-0.00	-0.01	+156.67	-0.13	+0.00	-0.00
668		450	12 M2	-0.00	+0.01	+156.65	-0.13	+0.00	-0.00
668		0	13 M3	-0.00	+0.00	+0.96	-0.35	+0.00	+0.00
668		450	13 M3	-0.00	-0.00	+0.94	-0.35	+0.00	+0.00
668		0	14 M4	+0.00	-0.00	-0.22	-0.07	+0.00	-0.00
668		450	14 M4	+0.00	-0.00	-0.22	-0.07	+0.00	-0.00
668		0	15 M5	+0.00	+0.04	+0.49	-0.43	+0.01	+0.02
668		450	15 M5	+0.00	-0.04	+0.46	-0.43	+0.01	+0.02
668		0	16 M6	-0.00	+0.03	+116.35	-0.53	+0.01	+0.01
668		450	16 M6	-0.00	-0.03	+116.31	-0.53	+0.01	+0.01
668		0	17 M7	-0.00	-0.05	-0.77	+0.13	+0.00	-0.02
668		450	17 M7	-0.00	+0.05	-0.78	+0.13	+0.00	-0.02
668	439	0	M+ A	+0.00	+0.16	+474.83	+0.00	+0.00	+0.07
668	440	450	M+ A	+0.00	+0.05	+474.53	+0.00	+12.59	+0.07
668	439	0	M- A	-0.00	-0.05	+0.00	-4.03	-12.47	-0.02
668	440	450	M- A	-0.00	-0.16	+0.00	-4.03	+0.00	-0.02
669	439	0	0 G	+0.37	-4.65	-2.47	-118.83	-6.85	-0.34
669	441	355	0 G	+0.37	-3.44	-2.95	-118.83	+7.12	-0.34
669		0	1 Q1	-0.05	-1.03	-5.59	-35.81	-0.09	-0.70
669		355	1 Q1	-0.05	+1.43	-5.26	-35.81	-0.09	-0.70
669		0	11 M1	-0.08	-0.10	-2.68	-17.79	-0.03	-0.47
669		355	11 M1	-0.08	+1.59	-2.56	-17.79	-0.03	-0.47
669		0	12 M2	-1.04	-0.74	-5.28	-29.05	-16.72	+0.16
669		355	12 M2	-1.04	-1.31	+1.30	-29.05	+23.28	+0.16
669		0	13 M3	+0.01	-0.89	-2.42	-18.68	-0.03	-0.17
669		355	13 M3	+0.01	-0.30	-2.32	-18.68	-0.03	-0.17
669		0	14 M4	-0.03	+0.02	+0.57	+1.22	+0.01	+0.10
669		355	14 M4	-0.03	-0.34	+0.55	+1.22	+0.01	+0.10
669		0	15 M5	-0.14	-0.10	-1.21	-12.07	-0.01	-0.22
669		355	15 M5	-0.14	+0.70	-1.16	-12.07	-0.01	-0.22
669		0	16 M6	-1.69	-0.72	-0.11	-41.30	+3.05	-0.42
669		355	16 M6	-1.69	+0.78	-10.94	-41.30	+3.05	-0.42
669		0	17 M7	+0.09	-1.64	+0.72	-26.93	+0.02	+0.31
669		355	17 M7	+0.09	-2.74	+0.63	-26.93	+0.02	+0.31
669	439	0	M+ A	+0.63	+0.00	+0.00	+0.00	+0.00	+0.12
669	441	355	M+ A	+0.63	+0.45	+0.00	+0.00	+44.53	+0.12
669	439	0	M- A	-2.22	-9.82	-17.26	-259.97	-34.43	-2.00
669	441	355	M- A	-2.22	-8.76	-25.93	-259.97	+0.00	-2.00
670	156	0	0 G	+0.00	+0.00	-0.00	-1.56	+35.76	+0.32
670	442	555	0 G	+0.00	-1.80	+178.65	-1.56	+23.30	+0.32
670		0	1 Q1	+0.00	+0.00	-0.00	-0.39	+0.09	+0.40
670		555	1 Q1	+0.00	-2.19	+0.53	-0.39	+0.09	+0.40
670		0	11 M1	+0.00	+0.00	-0.00	-0.07	+0.05	+0.25
670		555	11 M1	+0.00	-1.37	+0.26	-0.07	+0.05	+0.25
670		0	12 M2	+0.00	+0.00	-0.00	-0.30	+20.42	-0.08
670		555	12 M2	+0.00	+0.43	+113.32	-0.30	+20.42	-0.08
670		0	13 M3	+0.00	+0.00	-0.00	-0.20	+0.05	+0.17
670		555	13 M3	+0.00	-0.92	+0.25	-0.20	+0.05	+0.17
670		0	14 M4	+0.00	+0.00	-0.00	+0.00	-0.01	-0.03
670		555	14 M4	+0.00	+0.16	-0.04	+0.00	-0.01	-0.03
670		0	15 M5	+0.00	+0.00	-0.00	-0.03	+0.03	+0.15
670		555	15 M5	+0.00	-0.84	+0.15	-0.03	+0.03	+0.15
670		0	16 M6	+0.00	+0.00	-0.00	-0.48	+7.69	+0.15
670		555	16 M6	+0.00	-0.86	+42.67	-0.48	+7.69	+0.15
670		0	17 M7	+0.00	+0.00	-0.00	-0.31	-0.79	-0.07
670		555	17 M7	+0.00	+0.37	-4.38	-0.31	-0.79	-0.07
670	156	0	M+ A	+0.00	+0.00	-0.00	+0.00	+78.32	+1.34
670	442	555	M+ A	+0.00	+0.00	+408.30	+0.00	+61.74	+1.34
670	156	0	M- A	+0.00	+0.00	-0.00	-3.31	+0.00	+0.00
670	442	555	M- A	+0.00	-7.41	-0.00	-3.31	+0.00	+0.00
671	440	0	0 G	+0.34	-1.34	-2.63	-120.37	-6.85	+0.91
671	442	355	0 G	+0.34	-4.58	-3.12	-120.37	+7.13	+0.91
671		0	1 Q1	+0.04	+1.20	-5.64	-36.43	-0.09	+0.41
671		355	1 Q1	+0.04	-0.26	-5.32	-36.43	-0.09	+0.41
671		0	11 M1	-0.04	+1.07	-2.71	-18.09	-0.03	+0.16
671		355	11 M1	-0.04	+0.51	-2.58	-18.09	-0.03	+0.16
671		0	12 M2	+1.28	-0.69	-5.29	-29.18	-16.72	+0.06
671		355	12 M2	+1.28	-0.91	+1.28	-29.18	+23.28	+0.06
671		0	13 M3	+0.05	-0.08	-2.44	-18.94	-0.03	+0.26
671		355	13 M3	+0.05	-1.02	-2.34	-18.94	-0.03	+0.26
671		0	14 M4	-0.04	-0.36	+0.56	+1.11	+0.01	-0.06
671		355	14 M4	-0.04	-0.13	+0.54	+1.11	+0.01	-0.06
671		0	15 M5	-0.12	+0.22	-1.25	-12.63	-0.02	+0.01
671		355	15 M5	-0.12	+0.17	-1.20	-12.63	-0.02	+0.01
671		0	16 M6	+1.99	+1.00	-0.14	-41.48	+3.05	+0.24
671		355	16 M6	+1.99	+0.13	-10.97	-41.48	+3.05	+0.24
671		0	17 M7	+0.27	-1.44	+0.71	-26.90	+0.02	+0.31
671		355	17 M7	+0.27	-2.56	+0.62	-26.90	+0.02	+0.31
671	440	0	M+ A	+3.49	+1.58	+0.00	+0.00	+0.00	+2.18
671	442	355	M+ A	+3.49	+0.00	+0.00	+0.00	+44.53	+2.18
671	440	0	M- A	+0.00	-3.98	-17.57	-262.97	-34.43	+0.00
671	442	355	M- A	+0.00	-10.30	-26.25	-262.97	+0.00	+0.00
672	441	0	0 G	-0.00	+0.07	+178.59	-1.95	-9.38	+0.03
672	442	450	0 G	-0.00	-0.06	+178.49	-1.95	+9.43	+0.03
672		0	1 Q1	-0.00	+0.04	+0.48	-0.76	+0.01	+0.02
672		450	1 Q1	-0.00	-0.04	+0.44	-0.76	+0.01	+0.02
672		0	11 M1	+0.00	+0.03	+0.24	-0.30	+0.00	+0.01
672		450	11 M1	+0.00	-0.03	+0.22	-0.30	+0.00	+0.01
672		0	12 M2	-0.00	+0.00	+112.80	-0.28	+0.00	+0.00
672		450	12 M2	-0.00	-0.00	+112.78	-0.28	+0.00	+0.00
672		0	13 M3	-0.00	+0.01	+0.23	-0.30	+0.00	+0.00
672		450	13 M3	-0.00	-0.01	+0.21	-0.30	+0.00	+0.00
672		0	14 M4	+0.00	+0.00	-0.05	+0.01	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
672		450	14 M4	+0.00	-0.00	-0.05	+0.01	+0.00	+0.00
672		0	15 M5	+0.00	+0.03	+0.12	-0.21	+0.01	+0.01
672		450	15 M5	+0.00	-0.03	+0.09	-0.21	+0.01	+0.01
672		0	16 M6	-0.00	+0.03	+46.52	-0.73	+0.00	+0.01
672		450	16 M6	-0.00	-0.02	+46.51	-0.73	+0.00	+0.01
672		0	17 M7	-0.00	-0.02	-4.14	-0.12	+0.00	-0.01
672		450	17 M7	-0.00	+0.02	-4.14	-0.12	+0.00	-0.01
672	441	0	M+ A	+0.00	+0.19	+407.36	+0.00	+0.00	+0.08
672	442	450	M+ A	+0.00	+0.00	+407.16	+0.00	+12.56	+0.08
672	441	0	M- A	-0.00	+0.00	+0.00	-4.71	-12.48	+0.00
672	442	450	M- A	-0.00	-0.19	+0.00	-4.71	+0.00	+0.00
673	441	0	0 G	+0.60	-4.96	-2.95	-118.59	-6.73	-1.14
673	443	355	0 G	+0.60	-0.90	-3.87	-118.59	+7.25	-1.14
673		0	1 Q1	+0.01	-0.73	-5.26	-35.45	-0.17	-0.96
673		355	1 Q1	+0.01	+2.70	-4.64	-35.45	-0.17	-0.96
673		0	11 M1	-0.06	+0.20	-2.56	-17.55	-0.08	-0.56
673		355	11 M1	-0.06	+2.20	-2.29	-17.55	-0.08	-0.56
673		0	12 M2	-1.53	-0.83	+1.30	-29.14	+2.86	+0.05
673		355	12 M2	-1.53	-1.01	-8.86	-29.14	+2.86	+0.05
673		0	13 M3	+0.03	-1.19	-2.32	-18.53	-0.07	-0.34
673		355	13 M3	+0.03	+0.01	-2.07	-18.53	-0.07	-0.34
673		0	14 M4	-0.02	-0.18	+0.55	+1.19	+0.02	+0.08
673		355	14 M4	-0.02	-0.46	+0.49	+1.19	+0.02	+0.08
673		0	15 M5	-0.09	-0.14	-1.16	-11.94	-0.03	-0.32
673		355	15 M5	-0.09	+0.99	-1.04	-11.94	-0.03	-0.32
673		0	16 M6	+2.22	-0.05	-10.94	-41.16	-4.63	-0.60
673		355	16 M6	+2.22	+2.10	+1.70	-41.16	+15.37	-0.60
673		0	17 M7	+0.35	-2.28	+0.63	-27.00	+0.81	+0.17
673		355	17 M7	+0.35	-2.87	-2.26	-27.00	+0.81	+0.17
673	441	0	M+ A	+4.15	+0.00	+0.00	+0.00	+0.00	+0.00
673	443	355	M+ A	+4.15	+5.45	+0.00	+0.00	+32.83	+0.00
673	441	0	M- A	-1.69	-10.89	-25.92	-259.07	-16.22	-3.63
673	443	355	M- A	-1.69	-5.53	-23.38	-259.07	+0.00	-3.63
674	157	0	0 G	+0.00	+0.00	-0.00	-4.05	+36.14	+0.36
674	444	555	0 G	+0.00	-2.00	+180.72	-4.05	+23.67	+0.36
674		0	1 Q1	+0.00	+0.00	-0.00	-0.84	-0.34	+0.45
674		555	1 Q1	+0.00	-2.48	-1.87	-0.84	-0.34	+0.45
674		0	11 M1	+0.00	+0.00	-0.00	-0.05	-0.13	+0.28
674		555	11 M1	+0.00	-1.55	-0.75	-0.05	-0.13	+0.28
674		0	12 M2	+0.00	+0.00	-0.00	-0.83	+8.23	-0.09
674		555	12 M2	+0.00	+0.49	+45.68	-0.83	+8.23	-0.09
674		0	13 M3	+0.00	+0.00	-0.00	-0.47	-0.15	+0.19
674		555	13 M3	+0.00	-1.03	-0.83	-0.47	-0.15	+0.19
674		0	14 M4	+0.00	+0.00	-0.00	+0.06	+0.03	-0.04
674		555	14 M4	+0.00	+0.20	+0.16	+0.06	+0.03	-0.04
674		0	15 M5	+0.00	+0.00	-0.00	+0.10	-0.06	+0.17
674		555	15 M5	+0.00	-0.92	-0.32	+0.10	-0.06	+0.17
674		0	16 M6	+0.00	+0.00	-0.00	-1.25	+22.50	+0.18
674		555	16 M6	+0.00	-0.99	+124.87	-1.25	+22.50	+0.18
674		0	17 M7	+0.00	+0.00	-0.00	-1.00	+0.04	-0.07
674		555	17 M7	+0.00	+0.41	+0.20	-1.00	+0.04	-0.07
674	157	0	M+ A	+0.00	+0.00	-0.00	+0.00	+81.81	+1.50
674	444	555	M+ A	+0.00	+0.00	+427.66	+0.00	+65.23	+1.50
674	157	0	M- A	+0.00	+0.00	-0.00	-8.40	+0.00	+0.00
674	444	555	M- A	+0.00	-8.34	-0.00	-8.40	+0.00	+0.00
675	442	0	0 G	+0.50	-2.84	-3.12	-120.02	-6.74	+1.30
675	444	355	0 G	+0.50	-7.45	-4.00	-120.02	+7.24	+1.30
675		0	1 Q1	+0.13	+1.89	-5.32	-36.01	-0.18	+0.79
675		355	1 Q1	+0.13	-0.91	-4.69	-36.01	-0.18	+0.79
675		0	11 M1	-0.01	+1.85	-2.58	-17.83	-0.08	+0.39
675		355	11 M1	-0.01	+0.45	-2.31	-17.83	-0.08	+0.39
675		0	12 M2	+1.82	-1.33	+1.28	-29.26	+2.86	+0.04
675		355	12 M2	+1.82	-1.48	-8.88	-29.26	+2.86	+0.04
675		0	13 M3	+0.09	-0.11	-2.34	-18.77	-0.07	+0.36
675		355	13 M3	+0.09	-1.39	-2.09	-18.77	-0.07	+0.36
675		0	14 M4	-0.03	-0.29	+0.54	+1.09	+0.02	-0.07
675		355	14 M4	-0.03	-0.05	+0.49	+1.09	+0.02	-0.07
675		0	15 M5	-0.07	+0.98	-1.20	-12.46	-0.04	+0.19
675		355	15 M5	-0.07	+0.30	-1.08	-12.46	-0.04	+0.19
675		0	16 M6	-1.85	+0.97	-10.97	-41.32	-4.63	+0.50
675		355	16 M6	-1.85	-0.80	+1.68	-41.32	+15.37	+0.50
675		0	17 M7	+0.04	-2.91	+0.62	-26.98	+0.81	+0.12
675		355	17 M7	+0.04	-3.34	-2.27	-26.98	+0.81	+0.12
675	442	0	M+ A	+3.53	+1.94	+0.00	+0.00	+0.00	+3.46
675	444	355	M+ A	+3.53	+0.00	+0.00	+0.00	+32.82	+3.46
675	442	0	M- A	-2.27	-8.20	-26.25	-261.81	-16.23	+0.00
675	444	355	M- A	-2.27	-16.02	-23.65	-261.81	+0.00	+0.00
676	443	0	0 G	-0.00	+0.11	+180.63	-2.21	-9.38	+0.05
676	444	450	0 G	-0.00	-0.11	+180.50	-2.21	+9.43	+0.05
676		0	1 Q1	-0.00	+0.03	-1.81	-0.73	+0.01	+0.01
676		450	1 Q1	-0.00	-0.03	-1.85	-0.73	+0.01	+0.01
676		0	11 M1	+0.00	+0.01	-0.71	-0.23	+0.00	+0.00
676		450	11 M1	+0.00	-0.01	-0.73	-0.23	+0.00	+0.00
676		0	12 M2	-0.00	+0.02	+49.39	-0.38	+0.00	+0.01
676		450	12 M2	-0.00	-0.02	+49.37	-0.38	+0.00	+0.01
676		0	13 M3	-0.00	+0.02	-0.81	-0.26	+0.00	+0.01
676		450	13 M3	-0.00	-0.02	-0.83	-0.26	+0.00	+0.01
676		0	14 M4	+0.00	+0.00	+0.15	+0.07	+0.00	+0.00
676		450	14 M4	+0.00	-0.00	+0.15	+0.07	+0.00	+0.00
676		0	15 M5	+0.00	+0.02	-0.31	-0.06	+0.01	+0.01
676		450	15 M5	+0.00	-0.02	-0.35	-0.06	+0.01	+0.01
676		0	16 M6	-0.00	+0.02	+123.48	-0.89	+0.00	+0.01
676		450	16 M6	-0.00	-0.02	+123.46	-0.89	+0.00	+0.01
676		0	17 M7	-0.00	+0.01	+1.74	-0.28	+0.00	+0.01
676		450	17 M7	-0.00	-0.01	+1.73	-0.28	+0.00	+0.01
676	443	0	M+ A	+0.00	+0.21	+425.46	+0.00	+0.00	+0.10
676	444	450	M+ A	+0.00	+0.00	+425.26	+0.00	+12.57	+0.10
676	443	0	M- A	-0.00	+0.00	+0.00	-5.27	-12.47	+0.00
676	444	450	M- A	-0.00	-0.22	+0.00	-5.27	+0.00	+0.00
677	443	0	0 G	+0.76	-2.64	-3.86	-118.35	-7.00	-0.56
677	445	355	0 G	+0.76	-0.66	-3.83	-118.35	+6.98	-0.56
677		0	1 Q1	+0.15	+0.28	-4.64	-35.03	+0.17	-0.51
677		355	1 Q1	+0.15	+2.08	-5.24	-35.03	+0.17	-0.51
677		0	11 M1	+0.01	+0.66	-2.29	-17.29	+0.06	-0.28
677		355	11 M1	+0.01	+1.67	-2.51	-17.29	+0.06	-0.28
677		0	12 M2	+2.21	-0.48	-8.86	-29.25	-5.37	+0.11

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
677		355	12 M2	+2.21	-0.86	+3.79	-29.25	+14.63	+0.11
677		0	13 M3	+0.09	-0.99	-2.07	-18.36	+0.08	-0.34
677		355	13 M3	+0.09	+0.22	-2.37	-18.36	+0.08	-0.34
677		0	14 M4	-0.02	-0.26	+0.49	+1.15	-0.01	+0.01
677		355	14 M4	-0.02	-0.31	+0.54	+1.15	-0.01	+0.01
677		0	15 M5	-0.03	+0.11	-1.04	-11.80	+0.03	-0.21
677		355	15 M5	-0.03	+0.84	-1.14	-11.80	+0.03	-0.21
677		0	16 M6	+0.87	+1.16	+1.70	-41.00	-7.13	-0.02
677		355	16 M6	+0.87	+1.24	-11.79	-41.00	+12.87	-0.02
677		0	17 M7	+1.89	-2.43	-2.26	-27.09	+0.78	-0.15
677		355	17 M7	+1.89	-1.90	-5.03	-27.09	+0.78	-0.15
677	443	0	M+ A	+4.50	+0.00	+0.00	+0.00	+0.00	+0.00
677	445	355	M+ A	+4.50	+4.21	+1.86	+0.00	+31.55	+0.00
677	443	0	M- A	+0.00	-7.21	-23.38	-258.06	-20.14	-1.87
677	445	355	M- A	+0.00	-3.74	-28.36	-258.06	+0.00	-1.87
678	158	0	0 G	+0.00	+0.00	-0.00	-1.35	+36.32	+0.40
678	446	555	0 G	+0.00	-2.20	+181.72	-1.35	+23.85	+0.40
678		0	1 Q1	+0.00	+0.00	-0.00	-0.32	-0.17	+0.50
678		555	1 Q1	+0.00	-2.77	-0.93	-0.32	-0.17	+0.50
678		0	11 M1	+0.00	+0.00	-0.00	-0.04	-0.02	+0.31
678		555	11 M1	+0.00	-1.74	-0.10	-0.04	-0.02	+0.31
678		0	12 M2	+0.00	+0.00	-0.00	-0.27	+23.13	-0.10
678		555	12 M2	+0.00	+0.56	+128.39	-0.27	+23.13	-0.10
678		0	13 M3	+0.00	+0.00	-0.00	-0.14	-0.09	+0.21
678		555	13 M3	+0.00	-1.14	-0.51	-0.14	-0.09	+0.21
678		0	14 M4	+0.00	+0.00	-0.00	+0.04	+0.01	-0.04
678		555	14 M4	+0.00	+0.24	+0.03	+0.04	+0.01	-0.04
678		0	15 M5	+0.00	+0.00	-0.00	+0.05	-0.00	+0.18
678		555	15 M5	+0.00	-1.00	-0.02	+0.05	-0.00	+0.18
678		0	16 M6	+0.00	+0.00	-0.00	-0.50	+26.74	+0.20
678		555	16 M6	+0.00	-1.13	+148.39	-0.50	+26.74	+0.20
678		0	17 M7	+0.00	+0.00	-0.00	-0.30	+11.93	-0.08
678		555	17 M7	+0.00	+0.45	+66.19	-0.30	+11.93	-0.08
678	158	0	M+ A	+0.00	+0.00	-0.00	+0.00	+88.41	+1.67
678	446	555	M+ A	+0.00	+0.00	+464.28	+0.00	+71.82	+1.67
678	158	0	M- A	+0.00	+0.00	-0.00	-2.97	+0.00	+0.00
678	446	555	M- A	+0.00	-9.27	-0.00	-2.97	+0.00	+0.00
679	444	0	0 G	+0.71	-5.56	-4.00	-119.61	-6.99	-0.54
679	446	355	0 G	+0.71	-3.66	-3.99	-119.61	+6.98	-0.54
679		0	1 Q1	+0.11	+1.54	-4.69	-35.55	+0.17	+0.67
679		355	1 Q1	+0.11	-0.84	-5.30	-35.55	+0.17	+0.67
679		0	11 M1	-0.02	+1.99	-2.31	-17.55	+0.06	+0.58
679		355	11 M1	-0.02	-0.06	-2.53	-17.55	+0.06	+0.58
679		0	12 M2	-1.88	-1.98	-8.88	-29.34	-5.37	-0.41
679		355	12 M2	-1.88	-0.51	+3.78	-29.34	+14.63	-0.41
679		0	13 M3	+0.08	-0.38	-2.09	-18.58	+0.08	+0.16
679		355	13 M3	+0.08	-0.95	-2.39	-18.58	+0.08	+0.16
679		0	14 M4	-0.01	-0.25	+0.49	+1.05	-0.01	-0.07
679		355	14 M4	-0.01	+0.01	+0.53	+1.05	-0.01	-0.07
679		0	15 M5	-0.04	+1.20	-1.08	-12.29	+0.03	+0.34
679		355	15 M5	-0.04	-0.02	-1.18	-12.29	+0.03	+0.34
679		0	16 M6	-0.43	+0.18	+1.68	-41.13	-7.13	+0.14
679		355	16 M6	-0.43	-0.32	-11.82	-41.13	+12.87	+0.14
679		0	17 M7	-1.50	-3.77	-2.27	-27.05	+0.78	-0.59
679		355	17 M7	-1.50	-1.66	-5.04	-27.05	+0.78	-0.59
679	444	0	M+ A	+1.20	+0.00	+0.00	+0.00	+0.00	+1.08
679	446	355	M+ A	+1.20	+0.00	+1.68	+0.00	+31.56	+1.08
679	444	0	M- A	-2.11	-13.17	-23.65	-260.50	-20.13	-1.62
679	446	355	M- A	-2.11	-8.32	-28.67	-260.50	+0.00	-1.62
680	445	0	0 G	-0.00	+0.13	+181.52	-0.91	-9.39	+0.06
680	446	450	0 G	-0.00	-0.15	+181.43	-0.91	+9.43	+0.06
680		0	1 Q1	-0.00	+0.02	-0.92	-0.30	+0.01	+0.01
680		450	1 Q1	-0.00	-0.02	-0.96	-0.30	+0.01	+0.01
680		0	11 M1	-0.00	-0.01	-0.10	-0.09	+0.00	-0.00
680		450	11 M1	-0.00	+0.00	-0.12	-0.09	+0.00	-0.00
680		0	12 M2	-0.00	+0.03	+126.83	-0.15	+0.00	+0.01
680		450	12 M2	-0.00	-0.03	+126.83	-0.15	+0.00	+0.01
680		0	13 M3	-0.00	+0.02	-0.50	-0.10	+0.00	+0.01
680		450	13 M3	-0.00	-0.02	-0.52	-0.10	+0.00	+0.01
680		0	14 M4	+0.00	+0.01	+0.02	+0.05	+0.00	+0.00
680		450	14 M4	+0.00	-0.01	+0.02	+0.05	+0.00	+0.00
680		0	15 M5	+0.00	+0.01	-0.04	+0.01	+0.01	+0.01
680		450	15 M5	+0.00	-0.01	-0.06	+0.01	+0.01	+0.01
680		0	16 M6	-0.00	+0.01	+148.07	-0.40	+0.00	+0.00
680		450	16 M6	-0.00	-0.01	+148.05	-0.40	+0.00	+0.00
680		0	17 M7	-0.00	+0.04	+65.97	-0.12	-0.00	+0.02
680		450	17 M7	-0.00	-0.05	+65.97	-0.12	-0.00	+0.02
680	445	0	M+ A	+0.00	+0.26	+463.52	+0.00	+0.00	+0.12
680	446	450	M+ A	+0.00	+0.00	+463.38	+0.00	+12.56	+0.12
680	445	0	M- A	-0.00	+0.00	+0.00	-2.22	-12.49	+0.00
680	446	450	M- A	-0.00	-0.30	+0.00	-2.22	+0.00	+0.00
681	445	0	0 G	+0.84	-2.60	-3.83	-118.09	-7.43	-0.30
681	447	355	0 G	+0.84	-1.54	-2.26	-118.09	+6.55	-0.30
681		0	1 Q1	+0.26	-0.59	-5.24	-34.56	+0.35	-0.35
681		355	1 Q1	+0.26	+0.66	-6.47	-34.56	+0.35	-0.35
681		0	11 M1	+0.05	-0.01	-2.51	-16.98	+0.08	-0.20
681		355	11 M1	+0.05	+0.68	-2.80	-16.98	+0.08	-0.20
681		0	12 M2	+0.68	-0.27	+3.79	-29.37	-8.50	+0.14
681		355	12 M2	+0.68	-0.78	-7.44	-29.37	+11.50	+0.14
681		0	13 M3	+0.14	-0.89	-2.37	-18.18	+0.18	-0.33
681		355	13 M3	+0.14	+0.28	-3.01	-18.18	+0.18	-0.33
681		0	14 M4	-0.01	-0.06	+0.54	+1.10	-0.02	+0.00
681		355	14 M4	-0.01	-0.07	+0.60	+1.10	-0.02	+0.00
681		0	15 M5	+0.03	-0.10	-1.14	-11.63	+0.04	-0.15
681		355	15 M5	+0.03	+0.44	-1.27	-11.63	+0.04	-0.15
681		0	16 M6	+0.59	+0.19	-11.79	-40.82	-13.86	+0.16
681		355	16 M6	+0.59	-0.37	-0.22	-40.82	+5.74	+0.16
681		0	17 M7	+1.68	-1.46	-5.03	-27.20	-11.14	-0.22
681		355	17 M7	+1.68	-0.66	+5.53	-27.20	+8.86	-0.22
681	445	0	M+ A	+3.94	+0.00	+1.86	+0.00	+0.00	+0.00
681	447	355	M+ A	+3.94	+0.18	+6.03	+0.00	+26.46	+0.00
681	445	0	M- A	+0.00	-6.31	-28.36	-256.94	-30.82	-1.27
681	447	355	M- A	+0.00	-3.24	-21.01	-256.94	+0.00	-1.27
682	159	0	0 G	+0.00	+0.00	-0.00	+2.55	+35.74	+0.34
682	448	555	0 G	+0.00	-1.87	+178.50	+2.55	+23.27	+0.34
682		0	1 Q1	+0.00	+0.00	-0.00	+0.47	+0.28	+0.48

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
682		555	1 Q1	+0.00	-2.68	+1.58	+0.47	+0.28	+0.48
682		0	11 M1	+0.00	+0.00	-0.00	-0.01	+0.15	+0.30
682		555	11 M1	+0.00	-1.69	+0.83	-0.01	+0.15	+0.30
682		0	12 M2	+0.00	+0.00	-0.00	+0.54	+26.29	-0.12
682		555	12 M2	+0.00	+0.64	+145.89	+0.54	+26.29	-0.12
682		0	13 M3	+0.00	+0.00	-0.00	+0.31	+0.12	+0.20
682		555	13 M3	+0.00	-1.09	+0.66	+0.31	+0.12	+0.20
682		0	14 M4	+0.00	+0.00	-0.00	-0.02	-0.03	-0.04
682		555	14 M4	+0.00	+0.24	-0.16	-0.02	-0.03	-0.04
682		0	15 M5	+0.00	+0.00	-0.00	-0.06	+0.07	+0.17
682		555	15 M5	+0.00	-0.97	+0.41	-0.06	+0.07	+0.17
682		0	16 M6	+0.00	+0.00	-0.00	+0.70	+29.36	+0.18
682		555	16 M6	+0.00	-1.02	+162.93	+0.70	+29.36	+0.18
682		0	17 M7	+0.00	+0.00	-0.00	+0.69	+22.61	-0.10
682		555	17 M7	+0.00	+0.53	+125.48	+0.69	+22.61	-0.10
682	159	0	M+ A	+0.00	+0.00	-0.00	+5.08	+91.95	+1.56
682	448	555	M+ A	+0.00	+0.00	+483.93	+5.08	+75.37	+1.56
682	159	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
682	448	555	M- A	+0.00	-8.65	-0.00	+0.00	+0.00	+0.00
683	446	0	0 G	+1.00	-1.61	-3.99	-119.15	-7.44	-0.97
683	448	355	0 G	+1.00	+1.85	-2.40	-119.15	+6.54	-0.97
683		0	1 Q1	+0.13	+1.91	-5.30	-35.04	+0.35	+0.65
683		355	1 Q1	+0.13	-0.41	-6.52	-35.04	+0.35	+0.65
683		0	11 M1	+0.00	+1.68	-2.53	-17.24	+0.08	+0.63
683		355	11 M1	+0.00	-0.54	-2.83	-17.24	+0.08	+0.63
683		0	12 M2	-0.31	-1.10	+3.78	-29.43	-8.50	-0.53
683		355	12 M2	-0.31	+0.79	-7.45	-29.43	+11.50	-0.53
683		0	13 M3	+0.08	+0.17	-2.39	-18.36	+0.18	+0.11
683		355	13 M3	+0.08	-0.23	-3.03	-18.36	+0.18	+0.11
683		0	14 M4	+0.00	-0.24	+0.53	+1.01	-0.02	-0.08
683		355	14 M4	+0.00	+0.03	+0.59	+1.01	-0.02	-0.08
683		0	15 M5	+0.01	+0.97	-1.18	-12.10	+0.04	+0.39
683		355	15 M5	+0.01	-0.40	-1.32	-12.10	+0.04	+0.39
683		0	16 M6	-0.10	+0.79	-11.82	-40.92	-13.86	+0.05
683		355	16 M6	-0.10	+0.63	-0.24	-40.92	+5.74	+0.05
683		0	17 M7	-1.28	-2.16	-5.04	-27.11	-11.15	-0.77
683		355	17 M7	-1.28	+0.57	+5.54	-27.11	+8.85	-0.77
683	446	0	M+ A	+1.64	+3.02	+1.68	+0.00	+0.00	+0.66
683	448	355	M+ A	+1.64	+3.68	+5.91	+0.00	+26.44	+0.66
683	446	0	M- A	-0.92	-5.42	-28.67	-259.03	-30.83	-2.47
683	448	355	M- A	-0.92	+0.00	-21.26	-259.03	+0.00	-2.47
684	447	0	0 G	-0.00	+0.14	+178.45	+0.67	-9.39	+0.07
684	448	450	0 G	-0.00	-0.15	+178.38	+0.67	+9.42	+0.07
684		0	1 Q1	-0.00	+0.01	+1.54	+0.17	+0.01	+0.01
684		450	1 Q1	-0.00	-0.01	+1.51	+0.17	+0.01	+0.01
684		0	11 M1	-0.00	-0.01	+0.80	+0.05	+0.00	-0.00
684		450	11 M1	-0.00	+0.01	+0.79	+0.05	+0.00	-0.00
684		0	12 M2	-0.00	+0.03	+145.70	+0.15	+0.00	+0.01
684		450	12 M2	-0.00	-0.03	+145.69	+0.15	+0.00	+0.01
684		0	13 M3	-0.00	+0.02	+0.65	+0.08	+0.00	+0.01
684		450	13 M3	-0.00	-0.02	+0.63	+0.08	+0.00	+0.01
684		0	14 M4	-0.00	+0.01	-0.17	-0.00	+0.00	+0.00
684		450	14 M4	-0.00	-0.01	-0.17	-0.00	+0.00	+0.00
684		0	15 M5	-0.00	+0.01	+0.38	+0.03	+0.01	+0.00
684		450	15 M5	-0.00	-0.01	+0.35	+0.03	+0.01	+0.00
684		0	16 M6	-0.00	+0.00	+161.13	+0.24	+0.00	+0.00
684		450	16 M6	-0.00	-0.01	+161.11	+0.24	+0.00	+0.00
684		0	17 M7	-0.00	+0.06	+122.12	+0.12	-0.00	+0.03
684		450	17 M7	-0.00	-0.06	+122.13	+0.12	-0.00	+0.03
684	447	0	M+ A	+0.00	+0.29	+481.11	+1.49	+0.00	+0.13
684	448	450	M+ A	+0.00	+0.00	+480.94	+1.49	+12.56	+0.13
684	447	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.49	+0.00
684	448	450	M- A	-0.00	-0.31	+0.00	+0.00	+0.00	+0.00
685	447	0	0 G	+1.03	-3.17	-2.26	-117.88	-7.29	-1.13
685	449	355	0 G	+1.03	+0.85	-1.20	-117.88	+6.69	-1.13
685		0	1 Q1	+0.33	-1.90	-6.47	-34.11	+0.07	-0.86
685		355	1 Q1	+0.33	+1.16	-6.73	-34.11	+0.07	-0.86
685		0	11 M1	+0.08	-0.94	-2.80	-16.68	-0.06	-0.46
685		355	11 M1	+0.08	+0.70	-2.58	-16.68	-0.06	-0.46
685		0	12 M2	+0.51	-0.11	-7.44	-29.51	-14.78	+0.06
685		355	12 M2	+0.51	-0.33	+4.85	-29.51	+4.82	+0.06
685		0	13 M3	+0.17	-0.79	-3.01	-18.00	+0.07	-0.38
685		355	13 M3	+0.17	+0.55	-3.25	-18.00	+0.07	-0.38
685		0	14 M4	+0.00	+0.17	+0.60	+1.05	+0.01	+0.07
685		355	14 M4	+0.00	-0.09	+0.56	+1.05	+0.01	+0.07
685		0	15 M5	+0.08	-0.46	-1.27	-11.48	-0.03	-0.24
685		355	15 M5	+0.08	+0.41	-1.17	-11.48	-0.03	-0.24
685		0	16 M6	-1.18	-1.31	-0.22	-40.65	-23.61	-0.45
685		355	16 M6	-1.18	+0.29	-10.28	-40.65	+15.59	-0.45
685		0	17 M7	-1.68	-0.17	+5.53	-27.32	-13.75	-0.02
685		355	17 M7	-1.68	-0.10	-9.64	-27.32	+6.25	-0.02
685	447	0	M+ A	+2.50	+0.00	+6.03	+0.00	+0.00	+0.00
685	449	355	M+ A	+2.50	+3.62	+6.08	+0.00	+32.49	+0.00
685	447	0	M- A	-1.49	-8.50	-21.01	-255.94	-45.26	-3.31
685	449	355	M- A	-1.49	+0.00	-24.10	-255.94	+0.00	-3.31
686	160	0	0 G	+0.00	+0.00	-0.00	+0.29	+35.39	+0.28
686	450	555	0 G	+0.00	-1.54	+176.57	+0.29	+22.92	+0.28
686		0	1 Q1	+0.00	+0.00	-0.00	+0.07	+0.73	+0.47
686		555	1 Q1	+0.00	-2.58	+4.06	+0.07	+0.73	+0.47
686		0	11 M1	+0.00	+0.00	-0.00	+0.01	+0.28	+0.30
686		555	11 M1	+0.00	-1.64	+1.56	+0.01	+0.28	+0.30
686		0	12 M2	+0.00	+0.00	-0.00	+0.08	+28.67	-0.13
686		555	12 M2	+0.00	+0.73	+159.09	+0.08	+28.67	-0.13
686		0	13 M3	+0.00	+0.00	-0.00	+0.03	+0.35	+0.19
686		555	13 M3	+0.00	-1.04	+1.94	+0.03	+0.35	+0.19
686		0	14 M4	+0.00	+0.00	-0.00	-0.02	-0.06	-0.04
686		555	14 M4	+0.00	+0.24	-0.32	-0.02	-0.06	-0.04
686		0	15 M5	+0.00	+0.00	-0.00	-0.02	+0.13	+0.17
686		555	15 M5	+0.00	-0.94	+0.75	-0.02	+0.13	+0.17
686		0	16 M6	+0.00	+0.00	-0.00	+0.16	+18.73	+0.16
686		555	16 M6	+0.00	-0.91	+103.97	+0.16	+18.73	+0.16
686		0	17 M7	+0.00	+0.00	-0.00	+0.05	+8.57	-0.11
686		555	17 M7	+0.00	+0.61	+47.55	+0.05	+8.57	-0.11
686	160	0	M+ A	+0.00	+0.00	-0.00	+0.72	+91.05	+1.44
686	450	555	M+ A	+0.00	+0.00	+478.96	+0.72	+74.47	+1.44
686	160	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
686	450	555	M- A	+0.00	-8.00	-0.00	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
687	448	0	0 G	+1.13	+3.56	-2.40	-118.75	-7.30	+0.90
687	450	355	0 G	+1.13	+0.36	-1.28	-118.75	+6.67	+0.90
687		0	1 Q1	+0.20	+2.25	-6.52	-34.56	+0.07	+0.95
687		355	1 Q1	+0.20	-1.11	-6.77	-34.56	+0.07	+0.95
687		0	11 M1	+0.04	+1.16	-2.83	-16.94	-0.06	+0.57
687		355	11 M1	+0.04	-0.85	-2.61	-16.94	-0.06	+0.57
687		0	12 M2	-0.11	+0.12	-7.45	-29.53	-14.78	-0.14
687		355	12 M2	-0.11	+0.62	+4.85	-29.53	+4.82	-0.14
687		0	13 M3	+0.11	+0.83	-3.03	-18.16	+0.06	+0.34
687		355	13 M3	+0.11	-0.36	-3.26	-18.16	+0.06	+0.34
687		0	14 M4	+0.01	-0.21	+0.59	+0.97	+0.01	-0.09
687		355	14 M4	+0.01	+0.11	+0.55	+0.97	+0.01	-0.09
687		0	15 M5	+0.06	+0.56	-1.32	-11.92	-0.03	+0.30
687		355	15 M5	+0.06	-0.52	-1.22	-11.92	-0.03	+0.30
687		0	16 M6	+1.72	+1.65	-0.24	-40.74	-23.62	+0.51
687		355	16 M6	+1.72	-0.16	-10.29	-40.74	+15.58	+0.51
687		0	17 M7	+2.07	-0.02	+5.54	-27.18	-13.76	-0.20
687		355	17 M7	+2.07	+0.68	-9.63	-27.18	+6.24	-0.20
687	448	0	M+ A	+4.85	+9.92	+5.91	+0.00	+0.00	+3.23
687	450	355	M+ A	+4.85	+1.51	+6.00	+0.00	+32.46	+3.23
687	448	0	M- A	+0.00	+0.00	-21.26	-257.70	-45.28	+0.00
687	450	355	M- A	+0.00	-2.19	-24.27	-257.70	+0.00	+0.00
688	449	0	0 G	-0.00	+0.14	+176.60	+0.62	-9.40	+0.06
688	450	450	0 G	-0.00	-0.14	+176.57	+0.62	+9.41	+0.06
688		0	1 Q1	-0.00	+0.01	+3.86	+0.15	+0.00	+0.00
688		450	1 Q1	-0.00	-0.01	+3.84	+0.15	+0.00	+0.00
688		0	11 M1	-0.00	-0.01	+1.48	+0.03	+0.00	-0.01
688		450	11 M1	-0.00	+0.01	+1.46	+0.03	+0.00	-0.01
688		0	12 M2	-0.00	+0.03	+157.43	+0.15	+0.00	+0.01
688		450	12 M2	-0.00	-0.03	+157.43	+0.15	+0.00	+0.01
688		0	13 M3	-0.00	+0.02	+1.85	+0.08	+0.00	+0.01
688		450	13 M3	-0.00	-0.02	+1.85	+0.08	+0.00	+0.01
688		0	14 M4	-0.00	+0.01	-0.31	-0.01	+0.00	+0.00
688		450	14 M4	-0.00	-0.01	-0.31	-0.01	+0.00	+0.00
688		0	15 M5	-0.00	+0.00	+0.69	+0.00	+0.00	+0.00
688		450	15 M5	-0.00	-0.01	+0.67	+0.00	+0.00	+0.00
688		0	16 M6	-0.00	+0.00	+106.21	+0.24	+0.00	+0.00
688		450	16 M6	-0.00	-0.00	+106.21	+0.24	+0.00	+0.00
688		0	17 M7	-0.00	+0.06	+51.07	+0.13	-0.00	+0.03
688		450	17 M7	-0.00	-0.06	+51.07	+0.13	-0.00	+0.03
688	449	0	M+ A	+0.00	+0.29	+476.25	+1.38	+0.00	+0.13
688	450	450	M+ A	+0.00	+0.00	+476.18	+1.38	+12.53	+0.13
688	449	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.50	+0.00
688	450	450	M- A	-0.00	-0.28	+0.00	+0.00	+0.00	+0.00
689	449	0	0 G	+1.21	-0.45	-1.20	-117.74	-6.80	-1.22
689	451	355	0 G	+1.21	+3.89	-1.86	-117.74	+7.17	-1.22
689		0	1 Q1	+0.22	-1.30	-6.73	-33.67	-0.65	-0.89
689		355	1 Q1	+0.22	+1.86	-4.43	-33.67	-0.65	-0.89
689		0	11 M1	+0.05	-0.88	-2.58	-16.39	-0.34	-0.47
689		355	11 M1	+0.05	+0.78	-1.39	-16.39	-0.34	-0.47
689		0	12 M2	-1.15	+0.42	+4.85	-29.66	-4.25	+0.06
689		355	12 M2	-1.15	+0.21	-9.47	-29.66	+15.35	+0.06
689		0	13 M3	+0.11	-0.46	-3.25	-17.83	-0.28	-0.39
689		355	13 M3	+0.11	+0.93	-2.25	-17.83	-0.28	-0.39
689		0	14 M4	+0.03	+0.15	+0.56	+1.01	+0.07	+0.07
689		355	14 M4	+0.03	-0.12	+0.30	+1.01	+0.07	+0.07
689		0	15 M5	+0.10	-0.46	-1.17	-11.32	-0.15	-0.25
689		355	15 M5	+0.10	+0.42	-0.63	-11.32	-0.15	-0.25
689		0	16 M6	+1.08	-0.53	-10.28	-40.51	-3.14	-0.46
689		355	16 M6	+1.08	+1.11	+0.89	-40.51	-3.14	-0.46
689		0	17 M7	+1.80	+0.47	-9.64	-27.46	-2.32	-0.04
689		355	17 M7	+1.80	+0.60	-1.39	-27.46	-2.32	-0.04
689	449	0	M+ A	+4.57	+0.26	+6.08	+0.00	+0.00	+0.00
689	451	355	M+ A	+4.57	+9.21	+0.00	+0.00	+32.71	+0.00
689	449	0	M- A	-0.51	-3.48	-24.10	-255.06	-16.24	-3.47
689	451	355	M- A	-0.51	+0.00	-21.36	-255.06	+0.00	-3.47
690	161	0	0 G	+0.00	+0.00	-0.00	-2.00	+35.66	+0.22
690	452	555	0 G	+0.00	-1.20	+178.06	-2.00	+23.19	+0.22
690		0	1 Q1	+0.00	+0.00	-0.00	-0.36	+0.01	+0.45
690		555	1 Q1	+0.00	-2.49	+0.08	-0.36	+0.01	+0.45
690		0	11 M1	+0.00	+0.00	-0.00	+0.02	-0.04	+0.29
690		555	11 M1	+0.00	-1.60	-0.23	+0.02	-0.04	+0.29
690		0	12 M2	+0.00	+0.00	-0.00	-0.36	+18.75	-0.15
690		555	12 M2	+0.00	+0.81	+104.06	-0.36	+18.75	-0.15
690		0	13 M3	+0.00	+0.00	-0.00	-0.26	+0.02	+0.18
690		555	13 M3	+0.00	-0.99	+0.09	-0.26	+0.02	+0.18
690		0	14 M4	+0.00	+0.00	-0.00	-0.01	+0.01	-0.04
690		555	14 M4	+0.00	+0.24	+0.06	-0.01	+0.01	-0.04
690		0	15 M5	+0.00	+0.00	-0.00	+0.00	-0.02	+0.16
690		555	15 M5	+0.00	-0.90	-0.09	+0.00	-0.02	+0.16
690		0	16 M6	+0.00	+0.00	-0.00	-0.40	+24.68	+0.14
690		555	16 M6	+0.00	-0.79	+136.95	-0.40	+24.68	+0.14
690		0	17 M7	+0.00	+0.00	-0.00	-0.57	+20.39	-0.12
690		555	17 M7	+0.00	+0.68	+113.14	-0.57	+20.39	-0.12
690	161	0	M+ A	+0.00	+0.00	-0.00	+0.00	+84.46	+1.32
690	452	555	M+ A	+0.00	+0.01	+442.36	+0.00	+67.87	+1.32
690	161	0	M- A	+0.00	+0.00	-0.00	-4.00	+0.00	-0.00
690	452	555	M- A	+0.00	-7.35	-0.00	-4.00	+0.00	-0.00
691	450	0	0 G	+1.13	+1.77	-1.28	-118.41	-6.83	+0.57
691	452	355	0 G	+1.13	-0.26	-1.84	-118.41	+7.15	+0.57
691		0	1 Q1	+0.42	+1.46	-6.77	-34.09	-0.66	+0.87
691		355	1 Q1	+0.42	-1.62	-4.44	-34.09	-0.66	+0.87
691		0	11 M1	+0.14	+0.81	-2.61	-16.65	-0.34	+0.55
691		355	11 M1	+0.14	-1.13	-1.40	-16.65	-0.34	+0.55
691		0	12 M2	+1.55	-0.13	+4.85	-29.65	-4.25	-0.21
691		355	12 M2	+1.55	+0.61	-9.46	-29.65	+15.35	-0.21
691		0	13 M3	+0.20	+0.65	-3.26	-17.96	-0.28	+0.29
691		355	13 M3	+0.20	-0.36	-2.25	-17.96	-0.28	+0.29
691		0	14 M4	+0.01	-0.14	+0.55	+0.93	+0.07	-0.09
691		355	14 M4	+0.01	+0.20	+0.29	+0.93	+0.07	-0.09
691		0	15 M5	+0.14	+0.41	-1.22	-11.75	-0.16	+0.28
691		355	15 M5	+0.14	-0.58	-0.66	-11.75	-0.16	+0.28
691		0	16 M6	-0.51	+0.75	-10.29	-40.57	-3.15	+0.43
691		355	16 M6	-0.51	-0.78	+0.89	-40.57	-3.15	+0.43
691		0	17 M7	-1.45	+0.01	-9.63	-27.26	-2.33	-0.28
691		355	17 M7	-1.45	+0.99	-1.37	-27.26	-2.33	-0.28
691	450	0	M+ A	+4.29	+5.43	+6.00	+0.00	+0.00	+2.65

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
691	452	355	M+ A	+4.29	+1.22	+0.00	+0.00	+32.67	+2.65
691	450	0	M- A	-1.05	+0.00	-24.27	-256.50	-16.29	+0.00
691	452	355	M- A	-1.05	-3.98	-21.33	-256.50	+0.00	+0.00
692	451	0	0 G	-0.00	+0.12	+178.12	+0.08	-9.41	+0.05
692	452	450	0 G	-0.00	-0.12	+178.11	+0.08	+9.41	+0.05
692		0	1 Q1	-0.00	+0.00	+0.10	-0.01	+0.00	+0.00
692		450	1 Q1	-0.00	-0.01	+0.09	-0.01	+0.00	+0.00
692		0	11 M1	-0.00	-0.01	-0.22	-0.02	+0.00	-0.01
692		450	11 M1	-0.00	+0.01	-0.23	-0.02	+0.00	-0.01
692		0	12 M2	-0.00	+0.03	+106.34	+0.04	-0.00	+0.01
692		450	12 M2	-0.00	-0.03	+106.35	+0.04	-0.00	+0.01
692		0	13 M3	-0.00	+0.02	+0.11	+0.01	+0.00	+0.01
692		450	13 M3	-0.00	-0.02	+0.11	+0.01	+0.00	+0.01
692		0	14 M4	-0.00	+0.01	+0.05	-0.00	+0.00	+0.00
692		450	14 M4	-0.00	-0.01	+0.05	-0.00	+0.00	+0.00
692		0	15 M5	-0.00	+0.00	-0.09	-0.02	+0.00	+0.00
692		450	15 M5	-0.00	-0.00	-0.11	-0.02	+0.00	+0.00
692		0	16 M6	-0.00	+0.00	+136.33	+0.02	-0.00	+0.00
692		450	16 M6	-0.00	-0.00	+136.33	+0.02	-0.00	+0.00
692		0	17 M7	-0.00	+0.05	+112.76	+0.06	-0.00	+0.02
692		450	17 M7	-0.00	-0.05	+112.78	+0.06	-0.00	+0.02
692	451	0	M+ A	+0.00	+0.24	+441.53	+0.20	+0.00	+0.11
692	452	450	M+ A	+0.00	+0.00	+441.50	+0.20	+12.52	+0.11
692	451	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.51	+0.00
692	452	450	M- A	-0.00	-0.24	+0.00	+0.00	+0.00	+0.00
693	451	0	0 G	+1.24	+2.96	-1.85	-117.65	-6.62	-1.23
693	453	355	0 G	+1.24	+7.35	-3.18	-117.65	+7.36	-1.23
693		0	1 Q1	+0.27	-0.50	-4.43	-33.25	-0.66	-0.58
693		355	1 Q1	+0.27	+1.57	-2.08	-33.25	-0.66	-0.58
693		0	11 M1	+0.09	-0.76	-1.39	-16.10	-0.29	-0.23
693		355	11 M1	+0.09	+0.05	-0.35	-16.10	-0.29	-0.23
693		0	12 M2	+1.12	+1.05	-9.47	-29.83	-3.40	-0.02
693		355	12 M2	+1.12	+1.14	-0.34	-29.83	+16.20	-0.02
693		0	13 M3	+0.13	-0.02	-2.25	-17.67	-0.30	-0.45
693		355	13 M3	+0.13	+1.58	-1.20	-17.67	-0.30	-0.45
693		0	14 M4	+0.03	+0.12	+0.30	+0.96	+0.06	+0.02
693		355	14 M4	+0.03	+0.06	+0.07	+0.96	+0.06	+0.02
693		0	15 M5	+0.14	-0.41	-0.63	-11.18	-0.13	-0.16
693		355	15 M5	+0.14	+0.16	-0.16	-11.18	-0.13	-0.16
693		0	16 M6	+0.44	+0.42	+0.89	-40.38	-8.22	-0.13
693		355	16 M6	+0.44	+0.87	+0.28	-40.38	+11.38	-0.13
693		0	17 M7	+1.39	+1.26	-1.39	-27.61	-22.71	-0.42
693		355	17 M7	+1.39	+2.76	-8.76	-27.61	+17.29	-0.42
693	451	0	M+ A	+4.03	+5.89	+0.00	+0.00	+0.00	+0.00
693	453	355	M+ A	+4.03	+15.71	+0.00	+0.00	+35.87	+0.00
693	451	0	M- A	+0.00	+0.00	-21.36	-254.31	-43.70	-3.02
693	453	355	M- A	+0.00	+0.00	-19.61	-254.31	+0.00	-3.02
694	162	0	0 G	+0.00	+0.00	-0.00	+1.03	+36.21	+0.16
694	454	555	0 G	+0.00	-0.90	+181.11	+1.03	+23.74	+0.16
694		0	1 Q1	+0.00	+0.00	-0.00	+0.16	-0.48	+0.43
694		555	1 Q1	+0.00	-2.39	-2.66	+0.16	-0.48	+0.43
694		0	11 M1	+0.00	+0.00	-0.00	-0.04	-0.21	+0.28
694		555	11 M1	+0.00	-1.55	-1.18	-0.04	-0.21	+0.28
694		0	12 M2	+0.00	+0.00	-0.00	+0.19	+25.68	-0.16
694		555	12 M2	+0.00	+0.89	+142.54	+0.19	+25.68	-0.16
694		0	13 M3	+0.00	+0.00	-0.00	+0.12	-0.21	+0.17
694		555	13 M3	+0.00	-0.94	-1.14	+0.12	-0.21	+0.17
694		0	14 M4	+0.00	+0.00	-0.00	+0.01	+0.05	-0.04
694		555	14 M4	+0.00	+0.23	+0.25	+0.01	+0.05	-0.04
694		0	15 M5	+0.00	+0.00	-0.00	-0.01	-0.10	+0.16
694		555	15 M5	+0.00	-0.87	-0.54	-0.01	-0.10	+0.16
694		0	16 M6	+0.00	+0.00	-0.00	+0.17	+26.23	+0.12
694		555	16 M6	+0.00	-0.68	+145.58	+0.17	+26.23	+0.12
694		0	17 M7	+0.00	+0.00	-0.00	+0.31	+29.14	-0.13
694		555	17 M7	+0.00	+0.75	+161.75	+0.31	+29.14	-0.13
694	162	0	M+ A	+0.00	+0.00	-0.00	+2.04	+91.87	+1.22
694	454	555	M+ A	+0.00	+0.43	+483.50	+2.04	+75.29	+1.22
694	162	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.08
694	454	555	M- A	+0.00	-6.75	-0.00	+0.00	+0.00	-0.08
695	452	0	0 G	+1.08	+0.82	-1.84	-118.14	-6.63	-1.51
695	454	355	0 G	+1.08	+6.18	-3.10	-118.14	+7.34	-1.51
695		0	1 Q1	+0.41	+0.86	-4.44	-33.64	-0.67	+0.52
695		355	1 Q1	+0.41	-0.98	-2.07	-33.64	-0.67	+0.52
695		0	11 M1	+0.13	+0.47	-1.40	-16.36	-0.30	+0.58
695		355	11 M1	+0.13	-1.60	-0.36	-16.36	-0.30	+0.58
695		0	12 M2	-0.74	-0.23	-9.46	-29.78	-3.40	-0.61
695		355	12 M2	-0.74	+1.95	-0.33	-29.78	+16.20	-0.61
695		0	13 M3	+0.19	+0.60	-2.25	-17.77	-0.30	+0.01
695		355	13 M3	+0.19	+0.56	-1.19	-17.77	-0.30	+0.01
695		0	14 M4	+0.02	-0.05	+0.29	+0.89	+0.06	-0.10
695		355	14 M4	+0.02	+0.32	+0.07	+0.89	+0.06	-0.10
695		0	15 M5	+0.16	+0.32	-0.66	-11.59	-0.14	+0.30
695		355	15 M5	+0.16	-0.74	-0.17	-11.59	-0.14	+0.30
695		0	16 M6	+0.11	+0.01	+0.89	-40.43	-8.23	+0.01
695		355	16 M6	+0.11	-0.02	+0.30	-40.43	+11.37	+0.01
695		0	17 M7	-1.09	+0.26	-1.37	-27.36	-22.71	-0.90
695		355	17 M7	-1.09	+3.47	-8.73	-27.36	+17.29	-0.90
695	452	0	M+ A	+2.27	+3.03	+0.00	+0.00	+0.00	+0.00
695	454	355	M+ A	+2.27	+13.55	+0.00	+0.00	+35.84	+0.00
695	452	0	M- A	-0.56	+0.00	-21.34	-255.45	-43.73	-3.40
695	454	355	M- A	-0.56	+0.00	-19.46	-255.45	+0.00	-3.40
696	453	0	0 G	-0.00	+0.06	+181.08	+0.46	-9.41	+0.03
696	454	450	0 G	-0.00	-0.07	+181.10	+0.46	+9.40	+0.03
696		0	1 Q1	-0.00	-0.00	-2.55	+0.15	+0.00	+0.00
696		450	1 Q1	-0.00	-0.00	-2.55	+0.15	+0.00	+0.00
696		0	11 M1	-0.00	-0.01	-1.14	+0.04	+0.00	-0.00
696		450	11 M1	-0.00	+0.01	-1.14	+0.04	+0.00	-0.00
696		0	12 M2	-0.00	+0.01	+141.58	+0.05	-0.00	+0.01
696		450	12 M2	-0.00	-0.01	+141.58	+0.05	-0.00	+0.01
696		0	13 M3	-0.00	+0.01	-1.09	+0.05	-0.00	+0.00
696		450	13 M3	-0.00	-0.01	-1.08	+0.05	-0.00	+0.00
696		0	14 M4	-0.00	+0.00	+0.24	-0.01	+0.00	+0.00
696		450	14 M4	-0.00	-0.00	+0.24	-0.01	+0.00	+0.00
696		0	15 M5	-0.00	+0.00	-0.52	+0.01	+0.00	+0.00
696		450	15 M5	-0.00	-0.00	-0.53	+0.01	+0.00	+0.00
696		0	16 M6	-0.00	-0.01	+142.62	+0.14	-0.00	-0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
696		450	16 M6	-0.00	+0.00	+142.63	+0.14	-0.00	-0.00
696		0	17 M7	-0.00	+0.03	+159.73	+0.06	-0.00	+0.01
696		450	17 M7	-0.00	-0.03	+159.75	+0.06	-0.00	+0.01
696	453	0	M+ A	+0.00	+0.12	+480.43	+1.03	+0.00	+0.06
696	454	450	M+ A	+0.00	+0.00	+480.48	+1.03	+12.51	+0.06
696	453	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.52	+0.00
696	454	450	M- A	-0.00	-0.13	+0.00	+0.00	+0.00	+0.00
697	453	0	0 G	+1.07	+6.83	-3.18	-117.59	-6.99	-0.79
697	455	355	0 G	+1.07	+9.62	-3.17	-117.59	+6.99	-0.79
697		0	1 Q1	+0.35	-0.69	-2.08	-32.84	-0.19	-0.53
697		355	1 Q1	+0.35	+1.17	-1.42	-32.84	-0.19	-0.53
697		0	11 M1	+0.13	-1.44	-0.35	-15.83	-0.08	-0.25
697		355	11 M1	+0.13	-0.56	-0.07	-15.83	-0.08	-0.25
697		0	12 M2	+0.12	+2.08	-0.34	-30.01	-9.49	+0.06
697		355	12 M2	+0.12	+1.85	+0.99	-30.01	+10.11	+0.06
697		0	13 M3	+0.16	+0.69	-1.20	-17.52	-0.09	-0.36
697		355	13 M3	+0.16	+1.97	-0.86	-17.52	-0.09	-0.36
697		0	14 M4	+0.02	+0.30	+0.07	+0.91	+0.02	+0.03
697		355	14 M4	+0.02	+0.21	+0.01	+0.91	+0.02	+0.03
697		0	15 M5	+0.17	-0.64	-0.16	-11.03	-0.04	-0.16
697		355	15 M5	+0.17	-0.07	-0.03	-11.03	-0.04	-0.16
697		0	16 M6	-2.54	+0.29	+0.28	-40.28	-14.86	-0.09
697		355	16 M6	-2.54	+0.60	-6.16	-40.28	+4.74	-0.09
697		0	17 M7	-0.67	+3.53	-8.76	-27.77	-11.86	-0.23
697		355	17 M7	-0.67	+4.35	+1.16	-27.77	+8.14	-0.23
697	453	0	M+ A	+2.15	+14.51	+0.00	+0.00	+0.00	+0.00
697	455	355	M+ A	+2.15	+20.73	+0.00	+0.00	+24.61	+0.00
697	453	0	M- A	-2.75	+0.00	-19.61	-253.65	-31.92	-2.23
697	455	355	M- A	-2.75	+0.00	-15.02	-253.65	+0.00	-2.23
698	163	0	0 G	+0.00	+0.00	-0.00	+3.23	+36.11	+0.18
698	456	555	0 G	+0.00	-0.99	+180.58	+3.23	+23.64	+0.18
698		0	1 Q1	+0.00	+0.00	-0.00	+0.58	-0.30	+0.39
698		555	1 Q1	+0.00	-2.17	-1.65	+0.58	-0.30	+0.39
698		0	11 M1	+0.00	+0.00	-0.00	-0.04	-0.08	+0.25
698		555	11 M1	+0.00	-1.39	-0.44	-0.04	-0.08	+0.25
698		0	12 M2	+0.00	+0.00	-0.00	+0.59	+25.69	-0.13
698		555	12 M2	+0.00	+0.74	+142.56	+0.59	+25.69	-0.13
698		0	13 M3	+0.00	+0.00	-0.00	+0.40	-0.10	+0.16
698		555	13 M3	+0.00	-0.87	-0.57	+0.40	-0.10	+0.16
698		0	14 M4	+0.00	+0.00	-0.00	+0.01	+0.02	-0.04
698		555	14 M4	+0.00	+0.21	+0.09	+0.01	+0.02	-0.04
698		0	15 M5	+0.00	+0.00	-0.00	-0.01	-0.04	+0.14
698		555	15 M5	+0.00	-0.78	-0.20	-0.01	-0.04	+0.14
698		0	16 M6	+0.00	+0.00	-0.00	+0.66	+6.27	+0.12
698		555	16 M6	+0.00	-0.66	+34.80	+0.66	+6.27	+0.12
698		0	17 M7	+0.00	+0.00	-0.00	+0.91	+23.62	-0.11
698		555	17 M7	+0.00	+0.61	+131.10	+0.91	+23.62	-0.11
698	163	0	M+ A	+0.00	+0.00	-0.00	+6.45	+86.56	+1.14
698	456	555	M+ A	+0.00	+0.12	+454.00	+6.45	+69.97	+1.14
698	163	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	-0.02
698	456	555	M- A	+0.00	-6.32	-0.00	+0.00	+0.00	-0.02
699	454	0	0 G	+1.09	+7.01	-3.10	-117.95	-6.99	-0.94
699	456	355	0 G	+1.09	+10.37	-3.10	-117.95	+6.99	-0.94
699		0	1 Q1	+0.30	+1.41	-2.07	-33.21	-0.19	+0.53
699		355	1 Q1	+0.30	-0.47	-1.41	-33.21	-0.19	+0.53
699		0	11 M1	+0.10	-0.04	-0.36	-16.09	-0.08	+0.51
699		355	11 M1	+0.10	-1.85	-0.07	-16.09	-0.08	+0.51
699		0	12 M2	+0.21	+1.05	-0.33	-29.93	-9.49	-0.48
699		355	12 M2	+0.21	+2.75	+1.01	-29.93	+10.11	-0.48
699		0	13 M3	+0.13	+1.50	-1.19	-17.60	-0.10	+0.08
699		355	13 M3	+0.13	+1.20	-0.85	-17.60	-0.10	+0.08
699		0	14 M4	+0.03	+0.08	+0.07	+0.85	+0.02	-0.08
699		355	14 M4	+0.03	+0.38	+0.01	+0.85	+0.02	-0.08
699		0	15 M5	+0.15	+0.13	-0.17	-11.43	-0.04	+0.27
699		355	15 M5	+0.15	-0.84	-0.03	-11.43	-0.04	+0.27
699		0	16 M6	+3.06	+0.66	+0.30	-40.31	-14.86	+0.04
699		355	16 M6	+3.06	+0.51	-6.15	-40.31	+4.74	+0.04
699		0	17 M7	+0.91	+2.69	-8.73	-27.49	-11.86	-0.66
699		355	17 M7	+0.91	+5.03	+1.18	-27.49	+8.14	-0.66
699	454	0	M+ A	+6.38	+14.98	+0.00	+0.00	+0.00	+0.38
699	456	355	M+ A	+6.38	+21.54	+0.00	+0.00	+24.60	+0.38
699	454	0	M- A	+0.00	+0.00	-19.46	-254.56	-31.92	-2.26
699	456	355	M- A	+0.00	+0.00	-14.88	-254.56	+0.00	-2.26
700	455	0	0 G	-0.00	-0.05	+180.57	+1.11	-9.42	-0.02
700	456	450	0 G	-0.00	+0.04	+180.63	+1.11	+9.39	-0.02
700		0	1 Q1	-0.00	-0.01	-1.62	+0.40	-0.00	-0.00
700		450	1 Q1	-0.00	+0.00	-1.62	+0.40	-0.00	-0.00
700		0	11 M1	-0.00	+0.00	-0.44	+0.14	+0.00	+0.00
700		450	11 M1	-0.00	-0.00	-0.44	+0.14	+0.00	+0.00
700		0	12 M2	-0.00	-0.01	+139.78	+0.13	-0.00	-0.00
700		450	12 M2	-0.00	+0.01	+139.79	+0.13	-0.00	-0.00
700		0	13 M3	-0.00	-0.01	-0.57	+0.13	-0.00	-0.00
700		450	13 M3	-0.00	+0.01	-0.56	+0.13	-0.00	-0.00
700		0	14 M4	-0.00	+0.00	+0.09	-0.03	+0.00	+0.00
700		450	14 M4	-0.00	-0.00	+0.09	-0.03	+0.00	+0.00
700		0	15 M5	-0.00	+0.01	-0.20	+0.06	+0.00	+0.00
700		450	15 M5	-0.00	-0.01	-0.20	+0.06	+0.00	+0.00
700		0	16 M6	-0.00	-0.01	+36.52	+0.38	-0.00	-0.00
700		450	16 M6	-0.00	+0.01	+36.53	+0.38	-0.00	-0.00
700		0	17 M7	-0.00	-0.02	+129.70	+0.11	-0.00	-0.01
700		450	17 M7	-0.00	+0.02	+129.72	+0.11	-0.00	-0.01
700	455	0	M+ A	+0.00	+0.00	+449.82	+2.58	+0.00	+0.00
700	456	450	M+ A	+0.00	+0.09	+449.92	+2.58	+12.50	+0.00
700	455	0	M- A	-0.00	-0.10	+0.00	+0.00	-12.54	-0.04
700	456	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.04
701	455	0	0 G	+0.93	+9.15	-3.17	-117.48	-7.26	+0.15
701	457	355	0 G	+0.93	+8.62	-2.21	-117.48	+6.72	+0.15
701		0	1 Q1	+0.36	-0.87	-1.42	-32.47	+0.11	-0.60
701		355	1 Q1	+0.36	+1.27	-1.80	-32.47	+0.11	-0.60
701		0	11 M1	+0.13	-1.91	-0.07	-15.59	-0.00	-0.45
701		355	11 M1	+0.13	-0.33	-0.06	-15.59	-0.00	-0.45
701		0	12 M2	-2.69	+2.68	+0.99	-30.15	-15.57	+0.30
701		355	12 M2	-2.69	+1.60	-5.46	-30.15	+4.03	+0.30
701		0	13 M3	+0.15	+1.18	-0.86	-17.37	+0.01	-0.15
701		355	13 M3	+0.15	+1.70	-0.88	-17.37	+0.01	-0.15
701		0	14 M4	+0.02	+0.42	+0.01	+0.87	+0.00	+0.08

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
701		355	14 M4	+0.02	+0.14	+0.01	+0.87	+0.00	+0.08
701		0	15 M5	+0.17	-0.80	-0.03	-10.91	-0.00	-0.22
701		355	15 M5	+0.17	-0.01	-0.03	-10.91	-0.00	-0.22
701		0	16 M6	-0.86	+0.05	-6.16	-40.17	-1.53	-0.21
701		355	16 M6	-0.86	+0.79	-0.73	-40.17	-1.53	-0.21
701		0	17 M7	-2.11	+5.05	+1.16	-27.88	-15.49	+0.41
701		355	17 M7	-2.11	+3.59	-11.06	-27.88	+4.51	+0.41
701	455	0	M+ A	+1.97	+19.93	+0.00	+0.00	+0.00	+0.82
701	457	355	M+ A	+1.97	+18.35	+0.00	+0.00	+15.95	+0.82
701	455	0	M- A	-3.11	+0.00	-15.02	-252.95	-33.16	-1.22
701	457	355	M- A	-3.11	+0.00	-21.47	-252.95	+0.00	-1.22
702	164	0	0 G	+0.00	+0.00	-0.00	+1.34	+35.68	+0.20
702	458	555	0 G	+0.00	-1.08	+178.21	+1.34	+23.22	+0.20
702		0	1 Q1	+0.00	+0.00	-0.00	+0.29	+0.02	+0.35
702		555	1 Q1	+0.00	-1.94	+0.14	+0.29	+0.02	+0.35
702		0	11 M1	+0.00	+0.00	-0.00	+0.03	+0.01	+0.22
702		555	11 M1	+0.00	-1.23	+0.08	+0.03	+0.01	+0.22
702		0	12 M2	+0.00	+0.00	-0.00	+0.25	+5.50	-0.11
702		555	12 M2	+0.00	+0.59	+30.50	+0.25	+5.50	-0.11
702		0	13 M3	+0.00	+0.00	-0.00	+0.17	-0.02	+0.14
702		555	13 M3	+0.00	-0.79	-0.10	+0.17	-0.02	+0.14
702		0	14 M4	+0.00	+0.00	-0.00	-0.00	-0.00	-0.03
702		555	14 M4	+0.00	+0.18	-0.02	-0.00	-0.00	-0.03
702		0	15 M5	+0.00	+0.00	-0.00	+0.02	+0.01	+0.13
702		555	15 M5	+0.00	-0.70	+0.04	+0.02	+0.01	+0.13
702		0	16 M6	+0.00	+0.00	-0.00	+0.32	-1.07	+0.11
702		555	16 M6	+0.00	-0.63	-5.96	+0.32	-1.07	+0.11
702		0	17 M7	+0.00	+0.00	-0.00	+0.35	+7.64	-0.08
702		555	17 M7	+0.00	+0.47	+42.39	+0.35	+7.64	-0.08
702	164	0	M+ A	+0.00	+0.00	-0.00	+2.69	+58.95	+1.06
702	458	555	M+ A	+0.00	+0.00	+300.78	+2.69	+42.36	+1.06
702	164	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
702	458	555	M- A	+0.00	-5.90	-0.00	+0.00	+0.00	+0.00
703	456	0	0 G	+1.05	+11.40	-3.10	-117.79	-7.26	+1.18
703	458	355	0 G	+1.05	+7.20	-2.13	-117.79	+6.72	+1.18
703		0	1 Q1	+0.27	+1.70	-1.41	-32.82	+0.11	+0.71
703		355	1 Q1	+0.27	-0.82	-1.79	-32.82	+0.11	+0.71
703		0	11 M1	+0.10	-0.47	-0.07	-15.84	-0.00	+0.33
703		355	11 M1	+0.10	-1.66	-0.06	-15.84	-0.00	+0.33
703		0	12 M2	+2.98	+2.02	+1.01	-30.07	-15.57	-0.02
703		355	12 M2	+2.98	+2.08	-5.45	-30.07	+4.03	-0.02
703		0	13 M3	+0.13	+2.07	-0.85	-17.44	+0.01	+0.36
703		355	13 M3	+0.13	+0.81	-0.87	-17.44	+0.01	+0.36
703		0	14 M4	+0.03	+0.17	+0.01	+0.82	+0.00	-0.04
703		355	14 M4	+0.03	+0.33	+0.01	+0.82	+0.00	-0.04
703		0	15 M5	+0.16	-0.06	-0.03	-11.29	-0.00	+0.20
703		355	15 M5	+0.16	-0.77	-0.03	-11.29	-0.00	+0.20
703		0	16 M6	+1.33	+1.17	-6.15	-40.20	-1.53	+0.32
703		355	16 M6	+1.33	+0.03	-0.71	-40.20	-1.53	+0.32
703		0	17 M7	+2.29	+4.44	+1.18	-27.60	-15.49	+0.14
703		355	17 M7	+2.29	+3.93	-11.04	-27.60	+4.51	+0.14
703	456	0	M+ A	+6.17	+23.83	+0.00	+0.00	+0.00	+3.03
703	458	355	M+ A	+6.17	+15.61	+0.00	+0.00	+15.95	+3.03
703	456	0	M- A	+0.00	+0.00	-14.88	-253.77	-33.16	+0.00
703	458	355	M- A	+0.00	+0.00	-21.32	-253.77	+0.00	+0.00
704	457	0	0 G	-0.00	-0.16	+178.25	+1.37	-9.43	-0.07
704	458	450	0 G	-0.00	+0.16	+178.33	+1.37	+9.39	-0.07
704		0	1 Q1	-0.00	-0.01	+0.11	+0.51	-0.00	-0.00
704		450	1 Q1	-0.00	+0.01	+0.12	+0.51	-0.00	-0.00
704		0	11 M1	-0.00	+0.02	+0.07	+0.21	+0.00	+0.01
704		450	11 M1	-0.00	-0.02	+0.07	+0.21	+0.00	+0.01
704		0	12 M2	-0.00	-0.04	+32.34	+0.21	-0.00	-0.02
704		450	12 M2	-0.00	+0.04	+32.36	+0.21	-0.00	-0.02
704		0	13 M3	-0.00	-0.03	-0.18	+0.20	-0.00	-0.01
704		450	13 M3	-0.00	+0.03	-0.17	+0.20	-0.00	-0.01
704		0	14 M4	-0.00	-0.00	-0.01	-0.03	-0.00	-0.00
704		450	14 M4	-0.00	+0.00	-0.01	-0.03	-0.00	-0.00
704		0	15 M5	-0.00	+0.01	+0.03	+0.12	+0.00	+0.00
704		450	15 M5	-0.00	-0.01	+0.03	+0.12	+0.00	+0.00
704		0	16 M6	-0.00	-0.02	-4.82	+0.48	-0.00	-0.01
704		450	16 M6	-0.00	+0.02	-4.81	+0.48	-0.00	-0.01
704		0	17 M7	-0.00	-0.07	+46.41	+0.18	-0.01	-0.03
704		450	17 M7	-0.00	+0.07	+46.44	+0.18	-0.01	-0.03
704	457	0	M+ A	+0.00	+0.00	+306.84	+3.24	+0.00	+0.00
704	458	450	M+ A	+0.00	+0.33	+307.01	+3.24	+12.49	+0.00
704	457	0	M- A	-0.00	-0.34	+0.00	+0.00	-12.55	-0.15
704	458	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.15
705	457	0	0 G	+0.84	+8.21	-2.21	-117.30	-7.09	+1.15
705	459	355	0 G	+0.84	+4.13	-1.84	-117.30	+6.88	+1.15
705		0	1 Q1	+0.31	-0.54	-1.80	-32.14	+0.08	-0.35
705		355	1 Q1	+0.31	+0.71	-2.10	-32.14	+0.08	-0.35
705		0	11 M1	+0.12	-1.55	-0.06	-15.38	-0.02	-0.39
705		355	11 M1	+0.12	-0.16	-0.00	-15.38	-0.02	-0.39
705		0	12 M2	-0.88	+2.31	-5.46	-30.26	-1.47	+0.49
705		355	12 M2	-0.88	+0.59	-0.24	-30.26	-1.47	+0.49
705		0	13 M3	+0.05	+1.01	-0.88	-17.23	+0.02	+0.04
705		355	13 M3	+0.05	+0.88	-0.97	-17.23	+0.02	+0.04
705		0	14 M4	+0.02	+0.34	+0.01	+0.84	+0.00	+0.08
705		355	14 M4	+0.02	+0.05	-0.00	+0.84	+0.00	+0.08
705		0	15 M5	+0.16	-0.66	-0.03	-10.79	-0.01	-0.18
705		355	15 M5	+0.16	-0.04	-0.00	-10.79	-0.01	-0.18
705		0	16 M6	+0.25	+0.26	-0.73	-40.06	-0.46	-0.00
705		355	16 M6	+0.25	+0.26	+0.89	-40.06	-0.46	-0.00
705		0	17 M7	+1.88	+4.24	-11.06	-27.95	-3.12	+0.71
705		355	17 M7	+1.88	+1.71	+0.03	-27.95	-3.12	+0.71
705	457	0	M+ A	+4.28	+17.44	+0.00	+0.00	+0.00	+2.62
705	459	355	M+ A	+4.28	+8.89	+0.00	+0.00	+9.44	+2.62
705	457	0	M- A	-0.48	+0.00	-21.47	-252.20	-14.26	+0.00
705	459	355	M- A	-0.48	+0.00	-6.65	-252.20	+0.00	+0.00
706	165	0	0 G	+0.00	+0.00	-0.00	+0.64	+35.38	+0.22
706	460	555	0 G	+0.00	-1.19	+176.52	+0.64	+22.91	+0.22
706		0	1 Q1	+0.00	+0.00	-0.00	+0.19	+0.14	+0.30
706		555	1 Q1	+0.00	-1.69	+0.77	+0.19	+0.14	+0.30
706		0	11 M1	+0.00	+0.00	-0.00	+0.09	+0.02	+0.19
706		555	11 M1	+0.00	-1.05	+0.14	+0.09	+0.02	+0.19
706		0	12 M2	+0.00	+0.00	-0.00	+0.15	-1.21	-0.08

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
706		555	12 M2	+0.00	+0.42	-6.71	+0.15	-1.21	-0.08
706		0	13 M3	+0.00	+0.00	-0.00	+0.10	-0.57	+0.13
706		555	13 M3	+0.00	-0.70	-3.18	+0.10	-0.57	+0.13
706		0	14 M4	+0.00	+0.00	-0.00	-0.01	-0.01	-0.03
706		555	14 M4	+0.00	+0.15	-0.03	-0.01	-0.01	-0.03
706		0	15 M5	+0.00	+0.00	-0.00	+0.06	+0.01	+0.11
706		555	15 M5	+0.00	-0.60	+0.06	+0.06	+0.01	+0.11
706		0	16 M6	+0.00	+0.00	-0.00	+0.21	-0.59	+0.11
706		555	16 M6	+0.00	-0.61	-3.26	+0.21	-0.59	+0.11
706		0	17 M7	+0.00	+0.00	-0.00	+0.14	+20.91	-0.06
706		555	17 M7	+0.00	+0.31	+116.05	+0.14	+20.91	-0.06
706	165	0	M+ A	+0.00	+0.00	-0.00	+1.43	+78.61	+0.98
706	460	555	M+ A	+0.00	+0.00	+409.89	+1.43	+62.02	+0.98
706	165	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
706	460	555	M- A	+0.00	-5.45	-0.00	+0.00	+0.00	+0.00
707	458	0	0 G	+0.92	+8.44	-2.13	-117.66	-7.11	+1.15
707	460	355	0 G	+0.92	+4.37	-1.71	-117.66	+6.87	+1.15
707		0	1 Q1	+0.28	+1.13	-1.79	-32.47	+0.08	+0.49
707		355	1 Q1	+0.28	-0.60	-2.08	-32.47	+0.08	+0.49
707		0	11 M1	+0.12	-0.45	-0.06	-15.61	-0.02	+0.16
707		355	11 M1	+0.12	-1.00	-0.01	-15.61	-0.02	+0.16
707		0	12 M2	+1.12	+1.53	-5.45	-30.19	-1.47	+0.02
707		355	12 M2	+1.12	+1.44	-0.21	-30.19	-1.47	+0.02
707		0	13 M3	+0.20	+1.62	-0.87	-17.31	+0.02	+0.33
707		355	13 M3	+0.20	+0.45	-0.95	-17.31	+0.02	+0.33
707		0	14 M4	+0.02	+0.15	+0.01	+0.78	+0.00	-0.02
707		355	14 M4	+0.02	+0.21	+0.00	+0.78	+0.00	-0.02
707		0	15 M5	+0.16	-0.08	-0.03	-11.16	-0.01	+0.11
707		355	15 M5	+0.16	-0.45	-0.00	-11.16	-0.01	+0.11
707		0	16 M6	+0.17	+0.68	-0.71	-40.09	-0.46	+0.16
707		355	16 M6	+0.17	+0.11	+0.92	-40.09	-0.46	+0.16
707		0	17 M7	-1.76	+3.53	-11.04	-27.72	-3.13	+0.30
707		355	17 M7	-1.76	+2.45	+0.07	-27.72	-3.13	+0.30
707	458	0	M+ A	+3.22	+17.89	+0.00	+0.00	+0.00	+2.63
707	460	355	M+ A	+3.22	+9.57	+0.00	+0.00	+9.42	+2.63
707	458	0	M- A	-1.72	+0.00	-21.32	-253.08	-14.29	+0.00
707	460	355	M- A	-1.72	+0.00	-6.42	-253.08	+0.00	+0.00
708	459	0	0 G	-0.00	-0.24	+176.79	+1.63	-9.39	-0.11
708	460	450	0 G	-0.00	+0.24	+176.72	+1.63	+9.42	-0.11
708		0	1 Q1	-0.00	-0.02	+0.75	+0.58	+0.00	-0.01
708		450	1 Q1	-0.00	+0.01	+0.75	+0.58	+0.00	-0.01
708		0	11 M1	-0.00	+0.02	+0.12	+0.27	-0.00	+0.01
708		450	11 M1	-0.00	-0.03	+0.13	+0.27	-0.00	+0.01
708		0	12 M2	-0.00	-0.05	-5.59	+0.32	+0.00	-0.02
708		450	12 M2	-0.00	+0.05	-5.61	+0.32	+0.00	-0.02
708		0	13 M3	-0.00	-0.04	-3.04	+0.28	+0.00	-0.02
708		450	13 M3	-0.00	+0.04	-3.06	+0.28	+0.00	-0.02
708		0	14 M4	-0.00	-0.01	-0.02	-0.03	+0.00	-0.00
708		450	14 M4	-0.00	+0.01	-0.03	-0.03	+0.00	-0.00
708		0	15 M5	-0.00	+0.01	+0.06	+0.17	-0.00	+0.01
708		450	15 M5	-0.00	-0.01	+0.06	+0.17	-0.00	+0.01
708		0	16 M6	-0.00	-0.02	-3.20	+0.56	-0.00	-0.01
708		450	16 M6	-0.00	+0.02	-3.20	+0.56	-0.00	-0.01
708		0	17 M7	-0.00	-0.11	+115.43	+0.31	+0.01	-0.05
708		450	17 M7	-0.00	+0.11	+115.39	+0.31	+0.01	-0.05
708	459	0	M+ A	+0.00	+0.00	+409.29	+3.80	+0.00	+0.00
708	460	450	M+ A	+0.00	+0.50	+409.14	+3.80	+12.55	+0.00
708	459	0	M- A	-0.00	-0.51	+0.00	+0.00	-12.50	-0.22
708	460	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.22
709	459	0	0 G	+0.81	+3.69	-1.84	-117.07	-6.69	+2.16
709	461	355	0 G	+0.81	-3.98	-2.91	-117.07	+7.29	+2.16
709		0	1 Q1	+0.26	-0.87	-2.10	-31.84	-0.06	+0.03
709		355	1 Q1	+0.26	-0.97	-1.88	-31.84	-0.06	+0.03
709		0	11 M1	+0.12	-1.23	-0.00	-15.20	-0.04	-0.21
709		355	11 M1	+0.12	-0.49	+0.13	-15.20	-0.04	-0.21
709		0	12 M2	+0.18	+1.15	-0.24	-30.33	-0.28	+0.67
709		355	12 M2	+0.18	-1.21	+0.74	-30.33	-0.28	+0.67
709		0	13 M3	+0.14	+0.30	-0.97	-17.10	+0.59	+0.22
709		355	13 M3	+0.14	-0.48	-3.05	-17.10	+0.59	+0.22
709		0	14 M4	+0.02	+0.22	-0.00	+0.81	+0.01	+0.06
709		355	14 M4	+0.02	+0.01	-0.03	+0.81	+0.01	+0.06
709		0	15 M5	+0.16	-0.61	-0.00	-10.70	-0.02	-0.06
709		355	15 M5	+0.16	-0.38	+0.06	-10.70	-0.02	-0.06
709		0	16 M6	+0.27	-0.26	+0.89	-39.96	+0.12	+0.35
709		355	16 M6	+0.27	-1.49	+0.46	-39.96	+0.12	+0.35
709		0	17 M7	+1.17	+2.27	+0.03	-27.99	-24.06	+0.89
709		355	17 M7	+1.17	-0.90	-8.95	-27.99	+15.94	+0.89
709	459	0	M+ A	+3.12	+8.38	+0.00	+0.00	+0.00	+4.29
709	461	355	M+ A	+3.12	+0.00	+0.00	+0.00	+33.75	+4.29
709	459	0	M- A	+0.00	+0.00	-6.65	-251.42	-45.18	+0.00
709	461	355	M- A	+0.00	-8.64	-19.33	-251.42	+0.00	+0.00
710	166	0	0 G	+0.00	+0.00	-0.00	+0.44	+35.73	+0.23
710	462	555	0 G	+0.00	-1.30	+178.45	+0.44	+23.26	+0.23
710		0	1 Q1	+0.00	+0.00	-0.00	+0.13	+0.03	+0.26
710		555	1 Q1	+0.00	-1.44	+0.14	+0.13	+0.03	+0.26
710		0	11 M1	+0.00	+0.00	-0.00	+0.06	-0.01	+0.16
710		555	11 M1	+0.00	-0.88	-0.05	+0.06	-0.01	+0.16
710		0	12 M2	+0.00	+0.00	-0.00	+0.11	-0.47	-0.04
710		555	12 M2	+0.00	+0.25	-2.62	+0.11	-0.47	-0.04
710		0	13 M3	+0.00	+0.00	-0.00	+0.07	-0.59	+0.11
710		555	13 M3	+0.00	-0.62	-3.26	+0.07	-0.59	+0.11
710		0	14 M4	+0.00	+0.00	-0.00	-0.00	+0.00	-0.02
710		555	14 M4	+0.00	+0.12	+0.01	-0.00	+0.00	-0.02
710		0	15 M5	+0.00	+0.00	-0.00	+0.04	-0.00	+0.09
710		555	15 M5	+0.00	-0.51	-0.02	+0.04	-0.00	+0.09
710		0	16 M6	+0.00	+0.00	-0.00	+0.15	+0.01	+0.11
710		555	16 M6	+0.00	-0.60	+0.05	+0.15	+0.01	+0.11
710		0	17 M7	+0.00	+0.00	-0.00	+0.11	+28.89	-0.03
710		555	17 M7	+0.00	+0.16	+160.35	+0.11	+28.89	-0.03
710	166	0	M+ A	+0.00	+0.00	-0.00	+0.97	+90.89	+0.90
710	462	555	M+ A	+0.00	+0.00	+478.07	+0.97	+74.31	+0.90
710	166	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
710	462	555	M- A	+0.00	-5.00	-0.00	+0.00	+0.00	+0.00
711	460	0	0 G	+0.72	+5.80	-1.71	-117.56	-6.62	+0.16
711	462	355	0 G	+0.72	+5.25	-3.01	-117.56	+7.36	+0.16
711		0	1 Q1	+0.29	+1.11	-2.08	-32.17	-0.06	+0.10

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
711		355	1 Q1	+0.29	+0.74	-1.88	-32.17	-0.06	+0.10
711		0	11 M1	+0.12	+0.02	-0.01	-15.41	-0.04	-0.03
711		355	11 M1	+0.12	+0.12	+0.15	-15.41	-0.04	-0.03
711		0	12 M2	+0.02	+1.07	-0.21	-30.29	-0.26	-0.15
711		355	12 M2	+0.02	+1.61	+0.72	-30.29	-0.26	-0.15
711		0	13 M3	+0.08	+1.19	-0.95	-17.20	+0.60	+0.15
711		355	13 M3	+0.08	+0.65	-3.07	-17.20	+0.60	+0.15
711		0	14 M4	+0.02	+0.06	+0.00	+0.75	+0.01	+0.00
711		355	14 M4	+0.02	+0.05	-0.03	+0.75	+0.01	+0.00
711		0	15 M5	+0.16	+0.14	-0.00	-11.04	-0.02	-0.01
711		355	15 M5	+0.16	+0.17	+0.07	-11.04	-0.02	-0.01
711		0	16 M6	+0.10	+0.74	+0.92	-39.99	+0.13	-0.19
711		355	16 M6	+0.10	+1.41	+0.46	-39.99	+0.13	-0.19
711		0	17 M7	-1.10	+2.25	+0.07	-27.83	-24.03	+0.14
711		355	17 M7	-1.10	+1.76	-9.02	-27.83	+15.97	+0.14
711	460	0	M+ A	+1.59	+12.37	+0.00	+0.00	+0.00	+0.55
711	462	355	M+ A	+1.59	+10.50	+0.00	+0.00	+33.88	+0.55
711	460	0	M- A	-0.93	+0.00	-6.42	-252.47	-45.05	-0.13
711	462	355	M- A	-0.93	+0.00	-19.56	-252.47	+0.00	-0.13
712	461	0	0 G	-0.00	-0.27	+178.15	+0.77	-9.55	-0.12
712	462	450	0 G	-0.00	+0.29	+178.80	+0.77	+9.26	-0.12
712		0	1 Q1	-0.00	-0.01	+0.12	+0.28	-0.01	-0.01
712		450	1 Q1	-0.00	+0.02	+0.17	+0.28	-0.01	-0.01
712		0	11 M1	-0.00	+0.03	-0.01	+0.13	+0.01	+0.01
712		450	11 M1	-0.00	-0.03	-0.06	+0.13	+0.01	+0.01
712		0	12 M2	-0.00	-0.06	-2.69	+0.15	-0.03	-0.03
712		450	12 M2	-0.00	+0.06	-2.55	+0.15	-0.03	-0.03
712		0	13 M3	-0.00	-0.04	-2.00	+0.15	-0.02	-0.02
712		450	13 M3	-0.00	+0.05	-1.90	+0.15	-0.02	-0.02
712		0	14 M4	-0.00	-0.01	+0.00	-0.01	-0.00	-0.00
712		450	14 M4	-0.00	+0.01	+0.01	-0.01	-0.00	-0.00
712		0	15 M5	-0.00	+0.01	-0.00	+0.09	+0.01	+0.01
712		450	15 M5	-0.00	-0.01	-0.03	+0.09	+0.01	+0.01
712		0	16 M6	-0.00	-0.02	-0.05	+0.25	-0.02	-0.01
712		450	16 M6	-0.00	+0.03	+0.02	+0.25	-0.02	-0.01
712		0	17 M7	-0.00	-0.12	+158.23	+0.17	-0.06	-0.06
712		450	17 M7	-0.00	+0.13	+158.52	+0.17	-0.06	-0.06
712	461	0	M+ A	+0.00	+0.00	+474.44	+1.76	+0.00	+0.00
712	462	450	M+ A	+0.00	+0.60	+475.81	+1.76	+12.34	+0.00
712	461	0	M- A	-0.00	-0.56	+0.00	+0.00	-12.82	-0.26
712	462	450	M- A	-0.00	+0.00	+0.00	+0.00	+0.00	-0.26
713	461	0	0 G	+0.92	-4.53	-2.91	-116.80	-6.34	+2.40
713	463	355	0 G	+0.92	-13.04	-5.21	-116.80	+7.64	+2.40
713		0	1 Q1	+0.25	-2.32	-1.88	-31.59	-0.07	+0.18
713		355	1 Q1	+0.25	-2.95	-1.62	-31.59	-0.07	+0.18
713		0	11 M1	+0.10	-1.40	+0.13	-15.05	-0.05	-0.13
713		355	11 M1	+0.10	-0.95	+0.31	-15.05	-0.05	-0.13
713		0	12 M2	+0.19	-0.81	+0.74	-30.36	+0.24	+0.68
713		355	12 M2	+0.19	-3.24	-0.12	-30.36	+0.24	+0.68
713		0	13 M3	+1.48	-0.98	-3.05	-16.98	+1.21	+0.28
713		355	13 M3	+1.48	-1.98	-7.35	-16.98	+1.21	+0.28
713		0	14 M4	+0.02	+0.15	-0.03	+0.79	+0.01	+0.05
713		355	14 M4	+0.02	-0.03	-0.06	+0.79	+0.01	+0.05
713		0	15 M5	+0.15	-0.88	+0.06	-10.62	-0.02	-0.02
713		355	15 M5	+0.15	-0.82	+0.14	-10.62	-0.02	-0.02
713		0	16 M6	+0.19	-2.01	+0.46	-39.85	+0.13	+0.44
713		355	16 M6	+0.19	-3.57	-0.00	-39.85	+0.13	+0.44
713		0	17 M7	-0.74	-0.48	-8.95	-27.98	-12.85	+0.91
713		355	17 M7	-0.74	-3.70	+1.27	-27.98	+7.15	+0.91
713	461	0	M+ A	+3.71	+0.00	+0.00	+0.00	+0.00	+4.78
713	463	355	M+ A	+3.71	+0.00	+0.00	+0.00	+21.03	+4.78
713	461	0	M- A	-0.19	-11.71	-19.33	-250.63	-27.92	+0.00
713	463	355	M- A	-0.19	-26.26	-19.75	-250.63	+0.00	+0.00
714	167	0	0 G	+0.00	+0.00	-0.00	-1.88	+37.36	+0.26
714	464	555	0 G	+0.00	-1.42	+187.51	-1.88	+24.89	+0.26
714		0	1 Q1	+0.00	+0.00	-0.00	-0.63	-0.03	+0.22
714		555	1 Q1	+0.00	-1.21	-0.19	-0.63	-0.03	+0.22
714		0	11 M1	+0.00	+0.00	-0.00	-0.31	-0.14	+0.13
714		555	11 M1	+0.00	-0.71	-0.80	-0.31	-0.14	+0.13
714		0	12 M2	+0.00	+0.00	-0.00	-0.43	+0.33	-0.01
714		555	12 M2	+0.00	+0.08	+1.82	-0.43	+0.33	-0.01
714		0	13 M3	+0.00	+0.00	-0.00	-0.32	+8.91	+0.10
714		555	13 M3	+0.00	-0.53	+49.43	-0.32	+8.91	+0.10
714		0	14 M4	+0.00	+0.00	-0.00	+0.02	+0.03	-0.02
714		555	14 M4	+0.00	+0.09	+0.16	+0.02	+0.03	-0.02
714		0	15 M5	+0.00	+0.00	-0.00	-0.21	-0.07	+0.08
714		555	15 M5	+0.00	-0.42	-0.38	-0.21	-0.07	+0.08
714		0	16 M6	+0.00	+0.00	-0.00	-0.66	+0.15	+0.11
714		555	16 M6	+0.00	-0.59	+0.85	-0.66	+0.15	+0.11
714		0	17 M7	+0.00	+0.00	-0.00	-0.40	+23.64	-0.00
714		555	17 M7	+0.00	+0.01	+131.20	-0.40	+23.64	-0.00
714	167	0	M+ A	+0.00	+0.00	-0.00	+0.00	+85.15	+0.83
714	464	555	M+ A	+0.00	+0.00	+446.19	+0.00	+68.57	+0.83
714	167	0	M- A	+0.00	+0.00	-0.00	-4.35	+0.00	+0.00
714	464	555	M- A	+0.00	-4.58	-0.00	-4.35	+0.00	+0.00
715	462	0	0 G	+0.38	+6.84	-3.01	-117.44	-6.64	-0.18
715	464	355	0 G	+0.38	+7.47	-4.25	-117.44	+7.34	-0.18
715		0	1 Q1	+0.26	+2.20	-1.88	-31.92	-0.10	-0.05
715		355	1 Q1	+0.26	+2.37	-1.54	-31.92	-0.10	-0.05
715		0	11 M1	+0.14	+0.98	+0.15	-15.24	-0.02	-0.10
715		355	11 M1	+0.14	+1.33	+0.23	-15.24	-0.02	-0.10
715		0	12 M2	-0.05	+1.42	+0.72	-30.37	+0.18	-0.19
715		355	12 M2	-0.05	+2.10	+0.08	-30.37	+0.18	-0.19
715		0	13 M3	-1.29	+1.32	-3.07	-17.11	+1.16	+0.07
715		355	13 M3	-1.29	+1.06	-7.19	-17.11	+1.16	+0.07
715		0	14 M4	+0.02	-0.07	-0.03	+0.73	+0.00	+0.01
715		355	14 M4	+0.02	-0.11	-0.05	+0.73	+0.00	+0.01
715		0	15 M5	+0.17	+0.66	+0.07	-10.95	-0.01	-0.05
715		355	15 M5	+0.17	+0.85	+0.11	-10.95	-0.01	-0.05
715		0	16 M6	+0.14	+2.04	+0.46	-39.89	+0.10	-0.29
715		355	16 M6	+0.14	+3.06	+0.09	-39.89	+0.10	-0.29
715		0	17 M7	+0.73	+1.72	-9.02	-27.91	-12.99	+0.08
715		355	17 M7	+0.73	+1.44	+1.69	-27.91	+7.01	+0.08
715	462	0	M+ A	+1.89	+14.68	+0.00	+0.00	+0.00	+0.00
715	464	355	M+ A	+1.89	+17.16	+0.00	+0.00	+20.43	+0.00
715	462	0	M- A	-1.55	+0.00	-19.57	-251.90	-28.55	-0.72
715	464	355	M- A	-1.55	+0.00	-18.14	-251.90	+0.00	-0.72

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
716	463	0	0 G	-0.00	-0.23	+190.10	-5.15	-8.77	-0.12
716	464	450	0 G	-0.00	+0.31	+187.21	-5.15	+10.05	-0.12
716		0	1 Q1	-0.00	-0.00	+0.01	-1.59	+0.05	-0.01
716		450	1 Q1	-0.00	+0.03	-0.20	-1.59	+0.05	-0.01
716		0	11 M1	-0.00	+0.03	-1.04	-0.76	-0.06	+0.01
716		450	11 M1	-0.00	-0.02	-0.76	-0.76	-0.06	+0.01
716		0	12 M2	+0.00	-0.05	+2.32	-1.24	+0.14	-0.03
716		450	12 M2	+0.00	+0.07	+1.69	-1.24	+0.14	-0.03
716		0	13 M3	-0.00	-0.04	+50.62	-0.83	+0.11	-0.02
716		450	13 M3	-0.00	+0.05	+50.14	-0.83	+0.11	-0.02
716		0	14 M4	-0.00	-0.01	+0.21	+0.05	+0.01	-0.00
716		450	14 M4	-0.00	+0.01	+0.16	+0.05	+0.01	-0.00
716		0	15 M5	-0.00	+0.02	-0.50	-0.52	-0.03	+0.01
716		450	15 M5	-0.00	-0.01	-0.36	-0.52	-0.03	+0.01
716		0	16 M6	-0.00	-0.01	+1.08	-1.77	+0.06	-0.01
716		450	16 M6	-0.00	+0.04	+0.82	-1.77	+0.06	-0.01
716		0	17 M7	+0.00	-0.11	+131.14	-1.15	+0.29	-0.05
716		450	17 M7	+0.00	+0.13	+129.83	-1.15	+0.29	-0.05
716	463	0	M+ A	+0.00	+0.00	+449.55	+0.00	+0.00	+0.00
716	464	450	M+ A	+0.00	+0.66	+443.73	+0.00	+13.87	+0.00
716	463	0	M- A	-0.00	-0.47	+0.00	-11.66	-11.75	-0.25
716	464	450	M- A	-0.00	+0.00	+0.00	-11.66	+0.00	-0.25
717	463	0	0 G	+0.70	-13.82	-5.20	-116.50	-9.00	-0.93
717	465	355	0 G	+0.70	-10.53	+1.92	-116.50	+4.98	-0.93
717		0	1 Q1	+0.22	-4.09	-1.62	-31.38	-0.13	-0.79
717		355	1 Q1	+0.22	-1.29	-1.17	-31.38	-0.13	-0.79
717		0	11 M1	+0.11	-1.70	+0.31	-14.94	+0.20	-0.57
717		355	11 M1	+0.11	+0.32	-0.41	-14.94	+0.20	-0.57
717		0	12 M2	+0.09	-3.03	-0.12	-30.36	-0.33	-0.14
717		355	12 M2	+0.09	-2.55	+1.06	-30.36	-0.33	-0.14
717		0	13 M3	+2.20	-2.41	-7.35	-16.88	-7.89	-0.24
717		355	13 M3	+2.20	-1.56	+3.45	-16.88	+12.11	-0.24
717		0	14 M4	+0.02	+0.08	-0.06	+0.78	-0.04	+0.08
717		355	14 M4	+0.02	-0.19	+0.08	+0.78	-0.04	+0.08
717		0	15 M5	+0.15	-1.24	+0.14	-10.55	+0.10	-0.33
717		355	15 M5	+0.15	-0.08	-0.20	-10.55	+0.10	-0.33
717		0	16 M6	+0.15	-4.10	-0.00	-39.75	-0.13	-0.67
717		355	16 M6	+0.15	-1.71	+0.45	-39.75	-0.13	-0.67
717		0	17 M7	-2.03	-3.45	+1.27	-27.95	-17.01	+0.13
717		355	17 M7	-2.03	-3.91	-8.76	-27.95	+2.99	+0.13
717	463	0	M+ A	+4.47	+0.00	+0.00	+0.00	+0.00	+0.00
717	465	355	M+ A	+4.47	+0.00	+7.77	+0.00	+24.90	+0.00
717	463	0	M- A	-2.35	-29.11	-19.75	-249.84	-37.79	-3.14
717	465	355	M- A	-2.35	-21.44	-12.45	-249.84	+0.00	-3.14
718	168	0	0 G	+0.00	+0.00	-0.00	-9.44	+39.51	+0.27
718	466	555	0 G	+0.00	-1.51	+199.43	-9.44	+27.04	+0.27
718		0	1 Q1	+0.00	+0.00	-0.00	-2.92	-0.11	+0.17
718		555	1 Q1	+0.00	-0.97	-0.63	-2.92	-0.11	+0.17
718		0	11 M1	+0.00	+0.00	-0.00	-1.38	-0.34	+0.10
718		555	11 M1	+0.00	-0.55	-1.89	-1.38	-0.34	+0.10
718		0	12 M2	+0.00	+0.00	-0.00	-2.23	+0.79	+0.02
718		555	12 M2	+0.00	-0.09	+4.38	-2.23	+0.79	+0.02
718		0	13 M3	+0.00	+0.00	-0.00	-1.57	+24.36	+0.08
718		555	13 M3	+0.00	-0.44	+135.21	-1.57	+24.36	+0.08
718		0	14 M4	+0.00	+0.00	-0.00	+0.09	+0.07	-0.01
718		555	14 M4	+0.00	+0.07	+0.38	+0.09	+0.07	-0.01
718		0	15 M5	+0.00	+0.00	-0.00	-0.95	-0.16	+0.06
718		555	15 M5	+0.00	-0.33	-0.91	-0.95	-0.16	+0.06
718		0	16 M6	+0.00	+0.00	-0.00	-3.18	+0.30	+0.11
718		555	16 M6	+0.00	-0.58	+1.69	-3.18	+0.30	+0.11
718		0	17 M7	+0.00	+0.00	-0.00	-2.14	+9.58	+0.02
718		555	17 M7	+0.00	-0.13	+53.14	-2.14	+9.58	+0.02
718	168	0	M+ A	+0.00	+0.00	-0.00	+0.00	+89.09	+0.76
718	466	555	M+ A	+0.00	+0.00	+468.05	+0.00	+72.50	+0.76
718	168	0	M- A	+0.00	+0.00	-0.00	-21.29	+0.00	+0.00
718	466	555	M- A	+0.00	-4.20	-0.00	-21.29	+0.00	+0.00
719	464	0	0 G	+0.68	+9.20	-4.25	-117.31	-7.51	+3.09
719	466	355	0 G	+0.68	-1.78	-2.42	-117.31	+6.47	+3.09
719		0	1 Q1	+0.28	+3.60	-1.54	-31.71	-0.01	+0.91
719		355	1 Q1	+0.28	+0.37	-1.49	-31.71	-0.01	+0.91
719		0	11 M1	+0.11	+2.02	+0.23	-15.10	+0.06	+0.35
719		355	11 M1	+0.11	+0.79	+0.01	-15.10	+0.06	+0.35
719		0	12 M2	+0.08	+2.09	+0.08	-30.41	-0.01	+0.62
719		355	12 M2	+0.08	-0.11	+0.12	-30.41	-0.01	+0.62
719		0	13 M3	-1.99	+1.64	-7.19	-17.04	-7.64	+0.58
719		355	13 M3	-1.99	-0.43	+2.73	-17.04	+12.36	+0.58
719		0	14 M4	+0.02	-0.20	-0.05	+0.71	-0.01	-0.01
719		355	14 M4	+0.02	-0.15	-0.00	+0.71	-0.01	-0.01
719		0	15 M5	+0.15	+1.26	+0.11	-10.87	+0.03	+0.26
719		355	15 M5	+0.15	+0.35	+0.01	-10.87	+0.03	+0.26
719		0	16 M6	+0.16	+3.69	+0.09	-39.79	+0.01	+0.82
719		355	16 M6	+0.16	+0.77	+0.06	-39.79	+0.01	+0.82
719		0	17 M7	+2.11	+1.56	+1.69	-27.97	-16.33	+0.83
719		355	17 M7	+2.11	-1.40	-10.73	-27.97	+3.67	+0.83
719	464	0	M+ A	+4.37	+21.74	+0.00	+0.00	+0.00	+6.42
719	466	355	M+ A	+4.37	+0.00	+1.68	+0.00	+27.28	+6.42
719	464	0	M- A	-2.30	+0.00	-18.14	-251.35	-34.65	+0.00
719	466	355	M- A	-2.30	-4.50	-20.92	-251.35	+0.00	+0.00
720	465	0	0 G	-0.00	-0.14	+182.05	-19.55	-12.49	-0.10
720	466	450	0 G	-0.00	+0.30	+195.91	-19.55	+6.33	-0.10
720		0	1 Q1	-0.00	+0.01	-1.59	-6.01	-0.23	-0.01
720		450	1 Q1	-0.00	+0.04	-0.54	-6.01	-0.23	-0.01
720		0	11 M1	+0.00	+0.03	-0.27	-2.83	+0.29	+0.01
720		450	11 M1	+0.00	-0.01	-1.58	-2.83	+0.29	+0.01
720		0	12 M2	-0.00	-0.03	+0.72	-4.65	-0.67	-0.02
720		450	12 M2	-0.00	+0.07	+3.73	-4.65	-0.67	-0.02
720		0	13 M3	-0.00	-0.02	+128.53	-3.21	-0.51	-0.02
720		450	13 M3	-0.00	+0.05	+130.82	-3.21	-0.51	-0.02
720		0	14 M4	-0.00	-0.01	+0.06	+0.19	-0.06	-0.00
720		450	14 M4	-0.00	+0.00	+0.32	+0.19	-0.06	-0.00
720		0	15 M5	-0.00	+0.02	-0.13	-1.95	+0.14	+0.00
720		450	15 M5	-0.00	-0.00	-0.76	-1.95	+0.14	+0.00
720		0	16 M6	-0.00	+0.01	+0.18	-6.60	-0.28	-0.01
720		450	16 M6	-0.00	+0.04	+1.46	-6.60	-0.28	-0.01
720		0	17 M7	-0.00	-0.08	+48.91	-4.45	-1.38	-0.04
720		450	17 M7	-0.00	+0.12	+55.13	-4.45	-1.38	-0.04
720	465	0	M+ A	+0.00	+0.00	+434.92	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
720	466	450	M+ A	+0.00	+0.62	+456.79	+0.00	+8.85	+0.00
720	465	0	M- A	-0.01	-0.31	+0.00	-44.00	-19.00	-0.20
720	466	450	M- A	-0.01	+0.00	+0.00	-44.00	+0.00	-0.20
721	465	0	0 G	-3.93	-11.60	+1.93	-116.19	-7.27	-11.16
721	467	355	0 G	-3.93	+28.01	+2.94	-116.19	+6.70	-11.16
721		0	1 Q1	+0.21	-2.23	-1.17	-31.21	+0.39	-3.87
721		355	1 Q1	+0.21	+11.51	-2.56	-31.21	+0.39	-3.87
721		0	11 M1	+0.50	-0.27	-0.41	-14.85	+0.03	-2.00
721		355	11 M1	+0.50	+6.83	-0.51	-14.85	+0.03	-2.00
721		0	12 M2	-0.79	-2.55	+1.06	-30.33	+0.05	-2.59
721		355	12 M2	-0.79	+6.63	+0.90	-30.33	+0.05	-2.59
721		0	13 M3	-2.37	-1.94	+3.45	-16.79	-11.36	-1.90
721		355	13 M3	-2.37	+4.81	-8.43	-16.79	+8.64	-1.90
721		0	14 M4	-0.06	-0.10	+0.08	+0.76	-0.01	+0.16
721		355	14 M4	-0.06	-0.69	+0.10	+0.76	-0.01	+0.16
721		0	15 M5	+0.33	-0.42	-0.20	-10.50	+0.01	-1.32
721		355	15 M5	+0.33	+4.27	-0.25	-10.50	+0.01	-1.32
721		0	16 M6	-0.19	-2.27	+0.45	-39.64	+0.06	-4.08
721		355	16 M6	-0.19	+12.22	+0.24	-39.64	+0.06	-4.08
721		0	17 M7	-0.51	-3.86	-8.76	-27.91	-4.16	-2.24
721		355	17 M7	-0.51	+4.11	+6.01	-27.91	-4.16	-2.24
721	465	0	M+ A	+0.00	+0.00	+7.77	+0.00	+0.00	+0.00
721	467	355	M+ A	+0.00	+68.23	+12.98	+0.00	+22.42	+0.00
721	465	0	M- A	-8.86	-23.78	-12.44	-249.08	-26.86	-25.25
721	467	355	M- A	-8.86	+0.00	-12.40	-249.08	+0.00	-25.25
722	169	0	0 G	+0.00	+0.00	-0.00	-18.38	+5.92	+0.27
722	468	555	0 G	+0.00	-1.47	+13.03	-18.38	-6.55	+0.27
722		0	1 Q1	+0.00	+0.00	-0.00	-5.29	-0.59	+0.12
722		555	1 Q1	+0.00	-0.69	-3.25	-5.29	-0.59	+0.12
722		0	11 M1	+0.00	+0.00	-0.00	-2.36	+2.58	+0.07
722		555	11 M1	+0.00	-0.37	+14.30	-2.36	+2.58	+0.07
722		0	12 M2	+0.00	+0.00	-0.00	-4.42	-5.65	+0.04
722		555	12 M2	+0.00	-0.22	-31.34	-4.42	-5.65	+0.04
722		0	13 M3	+0.00	+0.00	-0.00	-2.97	+6.10	+0.06
722		555	13 M3	+0.00	-0.33	+33.84	-2.97	+6.10	+0.06
722		0	14 M4	+0.00	+0.00	-0.00	+0.13	-0.53	-0.01
722		555	14 M4	+0.00	+0.04	-2.92	+0.13	-0.53	-0.01
722		0	15 M5	+0.00	+0.00	-0.00	-1.66	+1.23	+0.04
722		555	15 M5	+0.00	-0.24	+6.82	-1.66	+1.23	+0.04
722		0	16 M6	+0.00	+0.00	-0.00	-5.95	-2.21	+0.10
722		555	16 M6	+0.00	-0.53	-12.28	-5.95	-2.21	+0.10
722		0	17 M7	+0.00	+0.00	-0.00	-4.38	+5.69	+0.04
722		555	17 M7	+0.00	-0.23	+31.57	-4.38	+5.69	+0.04
722	169	0	M+ A	+0.00	+0.00	-0.00	+0.00	+17.02	+0.67
722	468	555	M+ A	+0.00	+0.00	+68.10	+0.00	+2.60	+0.67
722	169	0	M- A	+0.00	+0.00	-0.00	-40.51	-3.34	+0.00
722	468	555	M- A	+0.00	-3.69	-38.37	-40.51	-17.97	+0.00
723	466	0	0 G	+4.20	+0.03	-2.42	-117.13	-14.24	+13.19
723	468	355	0 G	+4.20	-46.80	+23.32	-117.13	-0.26	+13.19
723		0	1 Q1	+0.19	+1.37	-1.49	-31.54	-0.13	+3.99
723		355	1 Q1	+0.19	-12.81	-1.02	-31.54	-0.13	+3.99
723		0	11 M1	-0.20	+1.33	+0.01	-14.99	+0.69	+1.80
723		355	11 M1	-0.20	-5.05	-2.44	-14.99	+0.69	+1.80
723		0	12 M2	+0.73	+0.05	+0.12	-30.41	-1.47	+3.04
723		355	12 M2	+0.73	-10.73	+5.32	-30.41	-1.47	+3.04
723		0	13 M3	+2.40	+0.06	+2.73	-16.97	-12.51	+2.22
723		355	13 M3	+2.40	-7.84	-5.06	-16.97	+7.49	+2.22
723		0	14 M4	+0.08	-0.21	-0.00	+0.69	-0.14	-0.11
723		355	14 M4	+0.08	+0.17	+0.50	+0.69	-0.14	-0.11
723		0	15 M5	-0.00	+0.68	+0.01	-10.80	+0.33	+1.25
723		355	15 M5	-0.00	-3.77	-1.17	-10.80	+0.33	+1.25
723		0	16 M6	+0.39	+1.40	+0.06	-39.70	-0.58	+4.23
723		355	16 M6	+0.39	-13.63	+2.11	-39.70	-0.58	+4.23
723		0	17 M7	+0.12	-1.15	-10.73	-27.99	-7.29	+3.14
723		355	17 M7	+0.12	-12.31	+15.16	-27.99	-7.29	+3.14
723	466	0	M+ A	+9.46	+3.58	+1.68	+0.00	+0.00	+28.35
723	468	355	M+ A	+9.46	+0.00	+54.23	+0.00	+10.97	+28.35
723	466	0	M- A	+0.00	-1.70	-20.92	-250.79	-38.13	+0.00
723	468	355	M- A	+0.00	-97.07	+0.00	-250.79	-11.43	+0.00
724	467	0	0 G	+0.01	-0.12	+50.74	-33.07	-2.46	-0.06
724	468	450	0 G	+0.01	+0.14	+19.48	-33.07	+16.35	-0.06
724		0	1 Q1	+0.00	-0.01	+0.45	-9.94	+0.52	-0.00
724		450	1 Q1	+0.00	+0.01	-1.89	-9.94	+0.52	-0.00
724		0	11 M1	-0.00	+0.01	+10.73	-4.58	-0.66	+0.01
724		450	11 M1	-0.00	-0.01	+13.70	-4.58	-0.66	+0.01
724		0	12 M2	+0.00	-0.03	-23.17	-7.89	+1.51	-0.01
724		450	12 M2	+0.00	+0.03	-29.96	-7.89	+1.51	-0.01
724		0	13 M3	+0.00	-0.02	+41.85	-5.39	+1.15	-0.01
724		450	13 M3	+0.00	+0.02	+36.69	-5.39	+1.15	-0.01
724		0	14 M4	+0.00	-0.00	-2.20	+0.29	+0.13	-0.00
724		450	14 M4	+0.00	+0.00	-2.80	+0.29	+0.13	-0.00
724		0	15 M5	-0.00	+0.01	+5.11	-3.17	-0.32	+0.00
724		450	15 M5	-0.00	-0.00	+6.54	-3.17	-0.32	+0.00
724		0	16 M6	+0.00	-0.01	-8.82	-10.96	+0.64	-0.00
724		450	16 M6	+0.00	+0.01	-11.69	-10.96	+0.64	-0.00
724		0	17 M7	+0.00	-0.05	+47.30	-7.68	+3.13	-0.03
724		450	17 M7	+0.00	+0.06	+33.23	-7.68	+3.13	-0.03
724	467	0	M+ A	+0.02	+0.00	+139.03	+0.00	+2.93	+0.00
724	468	450	M+ A	+0.02	+0.29	+80.93	+0.00	+27.14	+0.00
724	467	0	M- A	+0.00	-0.25	+0.00	-73.84	-4.26	-0.12
724	468	450	M- A	+0.00	+0.00	-28.02	-73.84	+0.00	-0.12
725	467	0	0 G	-12.35	+26.82	+2.93	-115.89	+7.40	-26.07
725	469	355	0 G	-12.35	+119.37	-48.15	-115.89	+21.38	-26.07
725		0	1 Q1	+0.43	+10.85	-2.56	-31.08	-0.17	-8.50
725		355	1 Q1	+0.43	+41.01	-1.95	-31.08	-0.17	-8.50
725		0	11 M1	+1.30	+6.44	-0.51	-14.78	-1.10	-4.18
725		355	11 M1	+1.30	+21.28	+3.39	-14.78	-1.10	-4.18
725		0	12 M2	-2.63	+6.47	+0.90	-30.29	+2.38	-6.11
725		355	12 M2	-2.63	+28.15	-7.55	-30.29	+2.38	-6.11
725		0	13 M3	-1.98	+4.52	-8.43	-16.73	+0.02	-4.36
725		355	13 M3	-1.98	+19.99	-8.51	-16.73	+0.02	-4.36
725		0	14 M4	-0.23	-0.64	+0.10	+0.76	+0.23	+0.30
725		355	14 M4	-0.23	-1.72	-0.70	+0.76	+0.23	+0.30
725		0	15 M5	+0.71	+4.03	-0.25	-10.46	-0.52	-2.83
725		355	15 M5	+0.71	+14.06	+1.60	-10.46	-0.52	-2.83
725		0	16 M6	-0.97	+11.72	+0.24	-39.54	+0.87	-9.08

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
725		355	16 M6	-0.97	+43.95	-2.86	-39.54	+0.87	-9.08
725		0	17 M7	-5.50	+3.98	+6.01	-27.85	-16.71	-5.67
725		355	17 M7	-5.50	+24.12	-35.48	-27.85	+23.29	-5.67
725	467	0	M+ A	+0.00	+65.18	+12.96	+0.00	+13.56	+0.00
725	469	355	M+ A	+0.00	+270.14	+0.00	+0.00	+63.80	+0.00
725	467	0	M- A	-24.91	+0.00	-12.41	-248.41	-17.84	-57.74
725	469	355	M- A	-24.91	+0.00	-120.28	-248.41	+0.00	-57.74
726	94	0	0 G	-1.36	+28.01	-1175.13	-24.05	+226.00	+105.32
726	470	339	0 G	-1.36	-329.04	-436.85	-24.05	+207.57	+105.32
726		0	1 Q1	+16.98	+9.17	-86.62	+0.05	+29.85	+34.28
726		339	1 Q1	+16.98	-107.04	+14.59	+0.05	+29.85	+34.28
726		0	11 M1	-1.33	+4.43	+114.10	+2.91	-16.54	+16.75
726		339	11 M1	-1.33	-52.36	+58.02	+2.91	-16.54	+16.75
726		0	12 M2	-0.14	+6.42	-256.07	-7.08	+37.46	+24.44
726		339	12 M2	-0.14	-76.43	-129.08	-7.08	+37.46	+24.44
726		0	13 M3	+19.50	+4.66	-198.90	-2.57	+49.35	+17.66
726		339	13 M3	+19.50	-55.20	-31.59	-2.57	+49.35	+17.66
726		0	14 M4	-0.13	-0.28	-23.28	-0.63	+3.37	-1.15
726		339	14 M4	-0.13	+3.60	-11.85	-0.63	+3.37	-1.15
726		0	15 M5	-1.55	+3.10	+54.67	+1.33	-7.94	+11.51
726		339	15 M5	-1.55	-35.92	+27.76	+1.33	-7.94	+11.51
726		0	16 M6	-1.25	+9.49	-104.41	-2.99	+15.50	+36.31
726		339	16 M6	-1.25	-113.58	-51.86	-2.99	+15.50	+36.31
726		0	17 M7	+0.64	+6.12	-537.65	-9.60	+113.28	+22.98
726		339	17 M7	+0.64	-71.77	-153.62	-9.60	+113.28	+22.98
726	94	0	M+ A	+50.82	+63.87	-0.00	+0.00	+510.80	+240.82
726	470	339	M+ A	+50.82	+0.00	-0.00	+0.00	+486.30	+240.82
726	94	0	M- A	-4.13	+0.00	-2486.32	-46.39	+0.00	+0.00
726	470	339	M- A	-4.13	-752.51	-811.44	-46.39	+0.00	+0.00
727	468	0	0 G	-2.25	-45.19	+23.33	-116.93	+22.64	+27.89
727	470	355	0 G	-2.25	-144.19	-81.85	-116.93	+36.62	+27.89
727		0	1 Q1	-1.17	-12.10	-1.02	-31.42	+0.97	+8.64
727		355	1 Q1	-1.17	-42.76	-4.47	-31.42	+0.97	+8.64
727		0	11 M1	+0.39	-4.69	-2.44	-14.91	-2.55	+4.02
727		355	11 M1	+0.39	-18.96	+6.60	-14.91	-2.55	+4.02
727		0	12 M2	-0.66	-10.48	+5.33	-30.39	+5.69	+6.51
727		355	12 M2	-0.66	-33.58	-14.88	-30.39	+5.69	+6.51
727		0	13 M3	-0.45	-7.48	-5.06	-16.92	+2.54	+4.64
727		355	13 M3	-0.45	-23.97	-14.08	-16.92	+2.54	+4.64
727		0	14 M4	-0.04	+0.14	+0.50	+0.69	+0.52	-0.26
727		355	14 M4	-0.04	+1.07	-1.35	+0.69	+0.52	-0.26
727		0	15 M5	+0.28	-3.54	-1.17	-10.76	-1.22	+2.77
727		355	15 M5	+0.28	-13.38	+3.15	-10.76	-1.22	+2.77
727		0	16 M6	-0.20	-13.08	+2.12	-39.60	+2.27	+9.25
727		355	16 M6	-0.20	-45.92	-5.95	-39.60	+2.27	+9.25
727		0	17 M7	-1.54	-12.02	+15.17	-27.97	-9.86	+6.44
727		355	17 M7	-1.54	-34.89	-50.64	-27.97	+30.14	+6.44
727	468	0	M+ A	+0.00	+0.00	+54.24	+0.00	+40.12	+60.59
727	470	355	M+ A	+0.00	+0.00	+0.00	+0.00	+95.67	+60.59
727	468	0	M- A	-6.58	-93.34	+0.00	-250.25	+0.00	+0.00
727	470	355	M- A	-6.58	-308.43	-191.16	-250.25	+0.00	+0.00
728	469	0	0 G	-7.20	-66.21	+77.03	-22.49	+101.74	+0.15
728	470	450	0 G	-7.20	-66.88	-443.17	-22.49	+129.46	+0.15
728		0	1 Q1	-2.43	-21.58	+53.59	-0.26	+8.65	-0.01
728		450	1 Q1	-2.43	-21.55	+14.69	-0.26	+8.65	-0.01
728		0	11 M1	-0.94	-10.59	+9.16	+2.37	-11.00	-0.02
728		450	11 M1	-0.94	-10.48	+58.68	+2.37	-11.00	-0.02
728		0	12 M2	-0.93	-15.44	-17.56	-6.70	+25.13	+0.04
728		450	12 M2	-0.93	-15.61	-130.65	-6.70	+25.13	+0.04
728		0	13 M3	-1.11	-11.12	+54.76	-2.37	+19.09	+0.02
728		450	13 M3	-1.11	-11.23	-31.15	-2.37	+19.09	+0.02
728		0	14 M4	-0.21	+0.77	-1.90	-0.55	+2.24	+0.01
728		450	14 M4	-0.21	+0.73	-11.98	-0.55	+2.24	+0.01
728		0	15 M5	-1.36	-7.15	+4.28	+1.04	-5.29	-0.00
728		450	15 M5	-1.36	-7.14	+28.08	+1.04	-5.29	-0.00
728		0	16 M6	-1.54	-23.05	-4.93	-3.21	+10.59	-0.01
728		450	16 M6	-1.54	-22.99	-52.58	-3.21	+10.59	-0.01
728		0	17 M7	-0.69	-14.48	+76.98	-8.65	+52.00	+0.08
728		450	17 M7	-0.69	-14.83	-157.01	-8.65	+52.00	+0.08
728	469	0	M+ A	+0.00	+0.00	+290.27	+0.00	+224.99	+0.31
728	470	450	M+ A	+0.00	+0.00	+0.00	+0.00	+261.85	+0.31
728	469	0	M- A	-15.18	-151.78	+0.00	-43.24	+0.00	+0.00
728	470	450	M- A	-15.18	-152.54	-824.94	-43.24	+0.00	+0.00
729	469	0	0 G	+13.93	-139.91	-48.34	-12.15	-21.79	-27.82
729	471	321	0 G	+13.93	-50.60	+1.34	-12.15	-9.15	-27.82
729		0	1 Q1	+2.96	-42.51	-20.93	+2.47	-18.75	-8.96
729		321	1 Q1	+2.96	-13.76	-1.95	+2.47	+6.93	-8.96
729		0	11 M1	-1.16	-19.37	+3.25	+1.59	+1.12	-4.34
729		321	11 M1	-1.16	-5.43	-0.35	+1.59	+1.12	-4.34
729		0	12 M2	+2.88	-32.68	-7.11	-5.97	-2.36	-6.48
729		321	12 M2	+2.88	-11.87	+0.47	-5.97	-2.36	-6.48
729		0	13 M3	+3.85	-23.53	-28.19	+0.69	-24.47	-4.68
729		321	13 M3	+3.85	-8.52	-0.45	+0.69	+15.53	-4.68
729		0	14 M4	+0.27	+1.31	-0.67	-0.47	-0.23	+0.31
729		321	14 M4	+0.27	+0.33	+0.07	-0.47	-0.23	+0.31
729		0	15 M5	-0.47	-13.17	+1.54	+0.50	+0.53	-2.95
729		321	15 M5	-0.47	-3.69	-0.17	+0.50	+0.53	-2.95
729		0	16 M6	+1.29	-45.71	-2.63	-3.58	-0.83	-9.54
729		321	16 M6	+1.29	-15.09	+0.04	-3.58	-0.83	-9.54
729		0	17 M7	+5.78	-33.88	-34.27	-4.73	-22.28	-6.25
729		321	17 M7	+5.78	-13.80	+5.46	-4.73	-2.28	-6.25
729	469	0	M+ A	+30.59	+0.00	+0.00	+0.00	+0.00	+0.00
729	471	321	M+ A	+30.59	+0.00	+9.99	+0.00	+21.42	+0.00
729	469	0	M- A	+0.00	-302.07	-138.64	-25.36	-85.81	-61.27
729	471	321	M- A	+0.00	-105.40	-2.06	-25.36	-15.90	-61.27
730	171	0	0 G	+0.00	+0.00	-0.00	+13.89	+0.73	+0.30
730	472	555	0 G	+0.00	-1.66	-15.78	+13.89	-11.74	+0.30
730		0	1 Q1	+0.00	+0.00	-0.00	+5.21	+18.14	+0.05
730		555	1 Q1	+0.00	-0.29	+100.67	+5.21	+18.14	+0.05
730		0	11 M1	+0.00	+0.00	-0.00	+2.83	+2.98	+0.02
730		555	11 M1	+0.00	-0.13	+16.54	+2.83	+2.98	+0.02
730		0	12 M2	+0.00	+0.00	-0.00	+3.12	-6.56	+0.09
730		555	12 M2	+0.00	-0.52	-36.40	+3.12	-6.56	+0.09
730		0	13 M3	+0.00	+0.00	-0.00	+2.47	+15.80	+0.03
730		555	13 M3	+0.00	-0.17	+87.70	+2.47	+15.80	+0.03
730		0	14 M4	+0.00	+0.00	-0.00	-0.24	-0.61	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
730		555	14 M4	+0.00	-0.00	-3.38	-0.24	-0.61	+0.00
730		0	15 M5	+0.00	+0.00	-0.00	+1.86	+1.42	+0.02
730		555	15 M5	+0.00	-0.11	+7.90	+1.86	+1.42	+0.02
730		0	16 M6	+0.00	+0.00	-0.00	+5.33	-2.57	+0.10
730		555	16 M6	+0.00	-0.57	-14.29	+5.33	-2.57	+0.10
730		0	17 M7	+0.00	+0.00	-0.00	+2.63	+3.88	+0.08
730		555	17 M7	+0.00	-0.44	+21.56	+2.63	+3.88	+0.08
730	171	0	M+ A	+0.00	+0.00	-0.00	+33.50	+49.16	+0.62
730	472	555	M+ A	+0.00	+0.00	+251.68	+33.50	+36.45	+0.62
730	171	0	M- A	+0.00	+0.00	-0.00	+0.00	-9.10	+0.00
730	472	555	M- A	+0.00	-3.45	-75.58	+0.00	-25.45	+0.00
731	470	0	0 G	+4.07	+117.97	-87.69	-11.45	-41.50	+26.33
731	472	321	0 G	+4.07	+33.46	+25.23	-11.45	-28.86	+26.33
731		0	1 Q1	-1.27	+42.73	-23.88	+2.85	-20.23	+8.95
731		321	1 Q1	-1.27	+14.00	-0.15	+2.85	+5.45	+8.95
731		0	11 M1	-0.26	+22.92	+6.99	+1.81	+2.99	+4.56
731		321	11 M1	-0.26	+8.27	-2.61	+1.81	+2.99	+4.56
731		0	12 M2	+0.91	+27.24	-15.66	-5.91	-6.64	+6.12
731		321	12 M2	+0.91	+7.59	+5.66	-5.91	-6.64	+6.12
731		0	13 M3	-0.89	+20.00	-34.70	+0.76	-27.72	+4.44
731		321	13 M3	-0.89	+5.75	+3.49	+0.76	+12.28	+4.44
731		0	14 M4	+0.09	-1.80	-1.43	-0.45	-0.61	-0.35
731		321	14 M4	+0.09	-0.69	+0.53	-0.45	-0.61	-0.35
731		0	15 M5	-0.04	+15.40	+3.34	+0.75	+1.43	+3.07
731		321	15 M5	-0.04	+5.55	-1.25	+0.75	+1.43	+3.07
731		0	16 M6	+0.52	+44.67	-6.25	-3.31	-2.64	+9.47
731		321	16 M6	+0.52	+14.28	+2.24	-3.31	-2.64	+9.47
731		0	17 M7	+1.85	+22.05	-51.97	-4.92	-31.14	+5.49
731		321	17 M7	+1.85	+4.43	+16.19	-4.92	-11.14	+5.49
731	470	0	M+ A	+8.27	+271.14	+0.00	+0.00	+0.00	+59.14
731	472	321	M+ A	+8.27	+81.29	+58.34	+0.00	+0.00	+59.14
731	470	0	M- A	+0.00	+0.00	-221.42	-24.33	-123.98	+0.00
731	472	321	M- A	+0.00	+0.00	+0.00	-24.33	-55.67	+0.00
732	471	0	0 G	-0.01	+0.10	+33.18	+27.45	-0.27	+0.05
732	472	450	0 G	-0.01	-0.13	-7.96	+27.45	+18.55	+0.05
732		0	1 Q1	-0.00	-0.00	+103.49	+9.71	+0.69	+0.00
732		450	1 Q1	-0.00	-0.00	+100.40	+9.71	+0.69	+0.00
732		0	11 M1	+0.00	-0.02	+11.91	+5.03	-0.87	-0.01
732		450	11 M1	+0.00	+0.02	+15.82	+5.03	-0.87	-0.01
732		0	12 M2	-0.00	+0.02	-25.80	+6.23	+1.99	+0.01
732		450	12 M2	-0.00	-0.03	-34.74	+6.23	+1.99	+0.01
732		0	13 M3	-0.00	+0.02	+94.76	+4.78	+1.51	+0.01
732		450	13 M3	-0.00	-0.02	+87.96	+4.78	+1.51	+0.01
732		0	14 M4	-0.00	+0.00	-2.44	-0.40	+0.18	+0.00
732		450	14 M4	-0.00	-0.00	-3.23	-0.40	+0.18	+0.00
732		0	15 M5	+0.00	-0.01	+5.67	+3.34	-0.42	-0.00
732		450	15 M5	+0.00	+0.01	+7.55	+3.34	-0.42	-0.00
732		0	16 M6	-0.00	+0.00	-9.81	+10.02	+0.84	+0.00
732		450	16 M6	-0.00	-0.01	-13.58	+10.02	+0.84	+0.00
732		0	17 M7	-0.00	+0.06	+42.02	+5.61	+4.11	+0.03
732		450	17 M7	-0.00	-0.07	+23.52	+5.61	+4.11	+0.03
732	471	0	M+ A	+0.00	+0.22	+325.98	+64.65	+6.83	+0.11
732	472	450	M+ A	+0.00	+0.00	+259.53	+64.65	+31.76	+0.11
732	471	0	M- A	-0.02	+0.00	-5.52	+0.00	-1.66	+0.00
732	472	450	M- A	-0.02	-0.28	-62.69	+0.00	+0.00	+0.00
733	471	0	0 G	+5.71	-52.49	+1.35	-11.88	-7.45	-14.77
733	473	322	0 G	+5.71	-4.94	+4.93	-11.88	+5.23	-14.77
733		0	1 Q1	+1.48	-14.05	-1.94	+2.53	-12.67	-4.50
733		322	1 Q1	+1.48	+0.42	-2.61	+2.53	+13.09	-4.50
733		0	11 M1	-0.37	-5.53	-0.35	+1.62	-0.01	-2.10
733		322	11 M1	-0.37	+1.22	-0.31	+1.62	-0.01	-2.10
733		0	12 M2	+1.06	-12.44	+0.47	-5.88	-0.03	-3.49
733		322	12 M2	+1.06	-1.21	+0.56	-5.88	-0.03	-3.49
733		0	13 M3	+1.46	-8.72	-0.45	+0.71	-3.48	-2.44
733		322	13 M3	+1.46	-0.86	+3.76	+0.71	+16.52	-2.44
733		0	14 M4	+0.11	+0.32	+0.07	-0.47	+0.00	+0.14
733		322	14 M4	+0.11	-0.13	+0.06	-0.47	+0.00	+0.14
733		0	15 M5	-0.10	-3.79	-0.17	+0.53	-0.00	-1.44
733		322	15 M5	-0.10	+0.84	-0.16	+0.53	-0.00	-1.44
733		0	16 M6	+0.52	-15.67	+0.04	-3.48	-0.04	-4.92
733		322	16 M6	+0.52	+0.17	+0.18	-3.48	-0.04	-4.92
733		0	17 M7	+0.55	-14.36	+5.46	-4.67	-14.91	-3.49
733		322	17 M7	+0.55	-3.13	-6.73	-4.67	+5.09	-3.49
733	471	0	M+ A	+11.46	+0.00	+10.01	+0.00	+0.00	+0.00
733	473	322	M+ A	+11.46	+0.00	+12.30	+0.00	+45.57	+0.00
733	471	0	M- A	+0.00	-109.13	-2.05	-24.86	-45.73	-32.04
733	473	322	M- A	+0.00	-11.36	-7.91	-24.86	+0.00	-32.04
734	172	0	0 G	+0.00	+0.00	-0.00	+9.50	+37.38	+0.37
734	474	555	0 G	+0.00	-2.07	+187.60	+9.50	+24.91	+0.37
734		0	1 Q1	+0.00	+0.00	-0.00	+3.26	+26.36	+0.02
734		555	1 Q1	+0.00	-0.11	+146.29	+3.26	+26.36	+0.02
734		0	11 M1	+0.00	+0.00	-0.00	+1.67	-0.27	+0.01
734		555	11 M1	+0.00	-0.03	-1.50	+1.67	-0.27	+0.01
734		0	12 M2	+0.00	+0.00	-0.00	+2.19	+0.60	+0.14
734		555	12 M2	+0.00	-0.78	+3.35	+2.19	+0.60	+0.14
734		0	13 M3	+0.00	+0.00	-0.00	+1.63	+25.38	+0.02
734		555	13 M3	+0.00	-0.10	+140.87	+1.63	+25.38	+0.02
734		0	14 M4	+0.00	+0.00	-0.00	-0.13	+0.05	+0.00
734		555	14 M4	+0.00	-0.03	+0.30	-0.13	+0.05	+0.00
734		0	15 M5	+0.00	+0.00	-0.00	+1.12	-0.13	+0.01
734		555	15 M5	+0.00	-0.07	-0.72	+1.12	-0.13	+0.01
734		0	16 M6	+0.00	+0.00	-0.00	+3.44	+0.24	+0.12
734		555	16 M6	+0.00	-0.69	+1.35	+3.44	+0.24	+0.12
734		0	17 M7	+0.00	+0.00	-0.00	+1.97	+8.39	+0.11
734		555	17 M7	+0.00	-0.63	+46.57	+1.97	+8.39	+0.11
734	172	0	M+ A	+0.00	+0.00	-0.00	+22.19	+123.37	+0.73
734	474	555	M+ A	+0.00	+0.00	+658.30	+22.19	+106.78	+0.73
734	172	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
734	474	555	M- A	+0.00	-4.07	-0.00	+0.00	+0.00	+0.00
735	472	0	0 G	-3.75	+34.99	+25.22	-11.10	+1.43	+12.76
735	474	322	0 G	-3.75	-6.11	+0.20	-11.10	+14.11	+12.76
735		0	1 Q1	-1.00	+14.29	-0.15	+2.91	-12.01	+4.44
735		322	1 Q1	-1.00	-0.02	-2.95	+2.91	+13.75	+4.44
735		0	11 M1	+0.46	+8.42	-2.61	+1.83	-0.86	+2.36
735		322	11 M1	+0.46	+0.82	+0.15	+1.83	-0.86	+2.36
735		0	12 M2	-0.74	+8.08	+5.66	-5.80	+1.90	+3.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
735		322	12 M2	-0.74	-1.63	-0.47	-5.80	+1.90	+3.01
735		0	13 M3	-1.15	+5.90	+3.49	+0.80	-2.01	+2.13
735		322	13 M3	-1.15	-0.95	+2.98	+0.80	+17.99	+2.13
735		0	14 M4	-0.06	-0.69	+0.53	-0.45	+0.18	-0.18
735		322	14 M4	-0.06	-0.10	-0.03	-0.45	+0.18	-0.18
735		0	15 M5	+0.30	+5.67	-1.25	+0.77	-0.41	+1.58
735		322	15 M5	+0.30	+0.57	+0.07	+0.77	-0.41	+1.58
735		0	16 M6	-0.18	+14.83	+2.23	-3.21	+0.77	+4.78
735		322	16 M6	-0.18	-0.56	-0.25	-3.21	+0.77	+4.78
735		0	17 M7	-0.11	+4.81	+16.18	-4.81	-10.91	+2.51
735		322	17 M7	-0.11	-3.27	-8.88	-4.81	+9.09	+2.51
735	472	0	M+ A	+0.00	+84.49	+58.32	+0.00	+4.78	+29.07
735	474	322	M+ A	+0.00	+0.00	+4.74	+0.00	+60.46	+29.07
735	472	0	M- A	-7.84	+0.00	+0.00	-23.69	-28.04	+0.00
735	474	322	M- A	-7.84	-13.18	-16.21	-23.69	+0.00	+0.00
736	473	0	0 G	+0.00	+0.27	+166.40	+19.45	-13.29	+0.09
736	474	450	0 G	+0.00	-0.13	+183.87	+19.45	+5.52	+0.09
736		0	1 Q1	-0.00	+0.02	+143.84	+6.70	-0.29	+0.00
736		450	1 Q1	-0.00	+0.02	+145.15	+6.70	-0.29	+0.00
736		0	11 M1	-0.00	-0.02	+0.48	+3.40	+0.37	-0.01
736		450	11 M1	-0.00	+0.04	-1.17	+3.40	+0.37	-0.01
736		0	12 M2	+0.00	+0.06	-1.14	+4.44	-0.84	+0.02
736		450	12 M2	+0.00	-0.03	+2.65	+4.44	-0.84	+0.02
736		0	13 M3	+0.00	+0.04	+134.83	+3.37	-0.64	+0.01
736		450	13 M3	+0.00	-0.02	+137.71	+3.37	-0.64	+0.01
736		0	14 M4	+0.00	+0.00	-0.10	-0.27	-0.08	+0.00
736		450	14 M4	+0.00	-0.01	+0.24	-0.27	-0.08	+0.00
736		0	15 M5	-0.00	-0.01	+0.23	+2.27	+0.18	-0.01
736		450	15 M5	-0.00	+0.03	-0.56	+2.27	+0.18	-0.01
736		0	16 M6	+0.00	+0.04	-0.51	+6.96	-0.36	+0.00
736		450	16 M6	+0.00	+0.01	+1.09	+6.96	-0.36	+0.00
736		0	17 M7	+0.00	+0.12	+40.16	+4.07	-1.74	+0.05
736		450	17 M7	+0.00	-0.09	+48.00	+4.07	-1.74	+0.05
736	473	0	M+ A	+0.00	+0.56	+617.73	+45.35	+0.00	+0.19
736	474	450	M+ A	+0.00	+0.00	+647.08	+45.35	+7.90	+0.19
736	473	0	M- A	+0.00	+0.00	+0.00	+0.00	-20.69	+0.00
736	474	450	M- A	+0.00	-0.32	+0.00	+0.00	+0.00	+0.00
737	473	0	0 G	+0.51	-7.53	+4.93	-11.55	-3.51	-5.05
737	475	321	0 G	+0.51	+8.70	-4.09	-11.55	+9.13	-5.05
737		0	1 Q1	+0.21	+0.27	-2.61	+2.55	-12.77	-1.07
737		321	1 Q1	+0.21	+3.72	-2.85	+2.55	+12.91	-1.07
737		0	11 M1	+0.08	+1.23	-0.31	+1.63	-0.39	-0.35
737		321	11 M1	+0.08	+2.36	+0.94	+1.63	-0.39	-0.35
737		0	12 M2	+0.05	-2.10	+0.56	-5.76	+0.84	-1.30
737		321	12 M2	+0.05	+2.06	-2.14	-5.76	+0.84	-1.30
737		0	13 M3	-1.93	-1.05	+3.76	+0.72	-7.75	-0.74
737		321	13 M3	-1.93	+1.33	-6.57	+0.72	+12.25	-0.74
737		0	14 M4	+0.01	-0.16	+0.06	-0.46	+0.08	+0.00
737		321	14 M4	+0.01	-0.16	-0.20	-0.46	+0.08	+0.00
737		0	15 M5	+0.11	+0.80	-0.16	+0.54	-0.18	-0.27
737		321	15 M5	+0.11	+1.67	+0.43	+0.54	-0.18	-0.27
737		0	16 M6	+0.11	-0.58	+0.18	-3.36	+0.33	-1.42
737		321	16 M6	+0.11	+3.99	-0.89	-3.36	+0.33	-1.42
737		0	17 M7	+1.35	-3.99	-6.73	-4.58	-0.26	-1.49
737		321	17 M7	+1.35	+0.78	-5.91	-4.58	-0.26	-1.49
737	473	0	M+ A	+2.93	+0.00	+12.30	+0.00	+0.00	+0.00
737	475	321	M+ A	+2.93	+21.64	+0.00	+0.00	+44.56	+0.00
737	473	0	M- A	-2.39	-16.14	-7.91	-24.22	-32.02	-10.18
737	475	321	M- A	-2.39	+0.00	-18.37	-24.22	+0.00	-10.18
738	173	0	0 G	+0.00	+0.00	-0.00	+2.91	+36.56	+0.43
738	476	555	0 G	+0.00	-2.37	+183.05	+2.91	+24.09	+0.43
738		0	1 Q1	+0.00	+0.00	-0.00	+0.93	+26.25	-0.02
738		555	1 Q1	+0.00	+0.11	+145.71	+0.93	+26.25	-0.02
738		0	11 M1	+0.00	+0.00	-0.00	+0.45	-0.19	-0.02
738		555	11 M1	+0.00	+0.09	-1.05	+0.45	-0.19	-0.02
738		0	12 M2	+0.00	+0.00	-0.00	+0.69	+0.41	+0.18
738		555	12 M2	+0.00	-1.01	+2.26	+0.69	+0.41	+0.18
738		0	13 M3	+0.00	+0.00	-0.00	+0.49	+12.09	+0.00
738		555	13 M3	+0.00	-0.02	+67.12	+0.49	+12.09	+0.00
738		0	14 M4	+0.00	+0.00	-0.00	-0.03	+0.04	+0.01
738		555	14 M4	+0.00	-0.05	+0.21	-0.03	+0.04	+0.01
738		0	15 M5	+0.00	+0.00	-0.00	+0.31	-0.09	+0.00
738		555	15 M5	+0.00	-0.01	-0.51	+0.31	-0.09	+0.00
738		0	16 M6	+0.00	+0.00	-0.00	+1.01	+0.15	+0.14
738		555	16 M6	+0.00	-0.77	+0.85	+1.01	+0.15	+0.14
738		0	17 M7	+0.00	+0.00	-0.00	+0.64	+16.73	+0.14
738		555	17 M7	+0.00	-0.80	+92.84	+0.64	+16.73	+0.14
738	173	0	M+ A	+0.00	+0.00	-0.00	+6.63	+109.16	+0.84
738	476	555	M+ A	+0.00	+0.00	+579.43	+6.63	+92.57	+0.84
738	173	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
738	476	555	M- A	+0.00	-4.67	-0.00	+0.00	+0.00	+0.00
739	474	0	0 G	-0.02	-4.17	+0.21	-10.64	-5.28	+2.81
739	476	321	0 G	-0.02	-13.20	-3.14	-10.64	+7.36	+2.81
739		0	1 Q1	+0.13	+0.11	-2.95	+2.93	-12.90	+1.01
739		321	1 Q1	+0.13	-3.12	-2.76	+2.93	+12.78	+1.01
739		0	11 M1	+0.13	+0.90	+0.15	+1.82	-0.22	+0.64
739		321	11 M1	+0.13	-1.14	+0.86	+1.82	-0.22	+0.64
739		0	12 M2	-0.05	-0.89	-0.47	-5.64	+0.46	+0.77
739		321	12 M2	-0.05	-3.34	-1.94	-5.64	+0.46	+0.77
739		0	13 M3	+2.00	-0.87	+2.98	+0.83	-8.04	+0.39
739		321	13 M3	+2.00	-2.11	-6.42	+0.83	+11.96	+0.39
739		0	14 M4	+0.00	-0.08	-0.03	-0.44	+0.05	-0.05
739		321	14 M4	+0.00	+0.07	-0.18	-0.44	+0.05	-0.05
739		0	15 M5	+0.13	+0.67	+0.07	+0.77	-0.10	+0.43
739		321	15 M5	+0.13	-0.72	+0.40	+0.77	-0.10	+0.43
739		0	16 M6	+0.08	+0.14	-0.25	-3.08	+0.17	+1.26
739		321	16 M6	+0.08	-3.89	-0.79	-3.08	+0.17	+1.26
739		0	17 M7	-1.53	-2.73	-8.88	-4.65	-1.05	+0.40
739		321	17 M7	-1.53	-4.02	-5.51	-4.65	-1.05	+0.40
739	474	0	M+ A	+3.13	+0.00	+4.75	+0.00	+0.00	+6.74
739	476	321	M+ A	+3.13	+0.00	+0.00	+0.00	+41.67	+6.74
739	474	0	M- A	-2.32	-9.73	-16.21	-22.83	-34.91	+0.00
739	476	321	M- A	-2.32	-27.13	-16.77	-22.83	+0.00	+0.00
740	475	0	0 G	-0.00	+0.30	+185.75	+6.93	-8.66	+0.11
740	476	450	0 G	-0.00	-0.20	+182.40	+6.93	+10.15	+0.11
740		0	1 Q1	-0.00	+0.02	+145.84	+2.37	+0.05	-0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
740		450	1 Q1	-0.00	+0.02	+145.60	+2.37	+0.05	-0.00
740		0	11 M1	-0.00	-0.03	-1.30	+1.19	-0.07	-0.02
740		450	11 M1	-0.00	+0.05	-0.98	+1.19	-0.07	-0.02
740		0	12 M2	-0.00	+0.07	+2.86	+1.57	+0.16	+0.03
740		450	12 M2	-0.00	-0.05	+2.13	+1.57	+0.16	+0.03
740		0	13 M3	-0.00	+0.05	+69.20	+1.22	+0.12	+0.02
740		450	13 M3	-0.00	-0.03	+68.65	+1.22	+0.12	+0.02
740		0	14 M4	-0.00	+0.00	+0.27	-0.09	+0.01	+0.00
740		450	14 M4	-0.00	-0.01	+0.20	-0.09	+0.01	+0.00
740		0	15 M5	-0.00	-0.02	-0.63	+0.79	-0.04	-0.01
740		450	15 M5	-0.00	+0.03	-0.46	+0.79	-0.04	-0.01
740		0	16 M6	-0.00	+0.03	+1.11	+2.44	+0.07	+0.01
740		450	16 M6	-0.00	+0.00	+0.81	+2.44	+0.07	+0.01
740		0	17 M7	-0.00	+0.14	+94.32	+1.47	+0.34	+0.06
740		450	17 M7	-0.00	-0.12	+92.79	+1.47	+0.34	+0.06
740	475	0	M+ A	+0.00	+0.63	+585.42	+16.08	+0.00	+0.24
740	476	450	M+ A	+0.00	+0.00	+578.35	+16.08	+14.08	+0.24
740	475	0	M- A	-0.00	+0.00	+0.00	+0.00	-11.63	+0.00
740	476	450	M- A	-0.00	-0.45	+0.00	+0.00	+0.00	+0.00
741	475	0	0 G	-0.02	+5.69	-4.09	-11.17	-6.88	-1.08
741	477	322	0 G	-0.02	+9.16	-2.36	-11.17	+5.80	-1.08
741		0	1 Q1	+0.07	+3.78	-2.85	+2.54	-13.44	+0.37
741		322	1 Q1	+0.07	+2.58	-1.04	+2.54	+12.32	+0.37
741		0	11 M1	+0.11	+2.50	+0.94	+1.63	-0.07	+0.39
741		322	11 M1	+0.11	+1.25	+1.17	+1.63	-0.07	+0.39
741		0	12 M2	-0.04	+0.91	-2.14	-5.59	+0.15	-0.42
741		322	12 M2	-0.04	+2.28	-2.61	-5.59	+0.15	-0.42
741		0	13 M3	-0.38	+1.21	-6.57	+0.72	-0.06	-0.02
741		322	13 M3	-0.38	+1.26	-6.39	+0.72	-0.06	-0.02
741		0	14 M4	+0.00	-0.23	-0.20	-0.46	+0.02	-0.06
741		322	14 M4	+0.00	-0.03	-0.25	-0.46	+0.02	-0.06
741		0	15 M5	+0.11	+1.69	+0.43	+0.56	-0.03	+0.22
741		322	15 M5	+0.11	+0.98	+0.53	+0.56	-0.03	+0.22
741		0	16 M6	+0.07	+3.16	-0.89	-3.22	+0.06	+0.01
741		322	16 M6	+0.07	+3.12	-1.08	-3.22	+0.06	+0.01
741		0	17 M7	+1.42	-0.30	-5.91	-4.47	-17.58	-0.68
741		322	17 M7	+1.42	+1.89	-2.92	-4.47	+22.42	-0.68
741	475	0	M+ A	+2.19	+16.66	+0.00	+0.00	+0.00	+0.00
741	477	322	M+ A	+2.19	+19.75	+0.00	+0.00	+54.40	+0.00
741	475	0	M- A	-0.59	+0.00	-18.37	-23.46	-49.76	-2.48
741	477	322	M- A	-0.59	+0.00	-13.85	-23.46	+0.00	-2.48
742	174	0	0 G	+0.00	+0.00	-0.00	-0.09	+34.71	+0.48
742	478	555	0 G	+0.00	-2.67	+172.80	-0.09	+22.24	+0.48
742		0	1 Q1	+0.00	+0.00	-0.00	-0.06	+25.69	-0.06
742		555	1 Q1	+0.00	+0.33	+142.60	-0.06	+25.69	-0.06
742		0	11 M1	+0.00	+0.00	-0.00	-0.03	-0.03	-0.04
742		555	11 M1	+0.00	+0.21	-0.16	-0.03	-0.03	-0.04
742		0	12 M2	+0.00	+0.00	-0.00	-0.01	+0.06	+0.22
742		555	12 M2	+0.00	-1.24	+0.32	-0.01	+0.06	+0.22
742		0	13 M3	+0.00	+0.00	-0.00	-0.02	+9.34	-0.01
742		555	13 M3	+0.00	+0.07	+51.85	-0.02	+9.34	-0.01
742		0	14 M4	+0.00	+0.00	-0.00	+0.00	+0.01	+0.01
742		555	14 M4	+0.00	-0.08	+0.03	+0.00	+0.01	+0.01
742		0	15 M5	+0.00	+0.00	-0.00	-0.02	-0.02	-0.01
742		555	15 M5	+0.00	+0.05	-0.09	-0.02	-0.02	-0.01
742		0	16 M6	+0.00	+0.00	-0.00	-0.04	+0.02	+0.15
742		555	16 M6	+0.00	-0.85	+0.11	-0.04	+0.02	+0.15
742		0	17 M7	+0.00	+0.00	-0.00	-0.01	+26.19	+0.18
742		555	17 M7	+0.00	-0.98	+145.38	-0.01	+26.19	+0.18
742	174	0	M+ A	+0.00	+0.00	-0.00	+0.00	+120.14	+0.98
742	478	555	M+ A	+0.00	+0.00	+640.40	+0.00	+103.56	+0.98
742	174	0	M- A	+0.00	+0.00	-0.00	-0.26	+0.00	+0.00
742	478	555	M- A	+0.00	-5.41	-0.00	-0.26	+0.00	+0.00
743	476	0	0 G	+0.63	-11.03	-3.14	-10.10	-6.57	-1.21
743	478	322	0 G	+0.63	-7.15	-2.39	-10.10	+6.10	-1.21
743		0	1 Q1	+0.25	-3.21	-2.76	+2.91	-13.42	-0.44
743		322	1 Q1	+0.25	-1.79	-1.02	+2.91	+12.34	-0.44
743		0	11 M1	+0.05	-1.18	+0.86	+1.79	-0.10	-0.10
743		322	11 M1	+0.05	-0.87	+1.19	+1.79	-0.10	-0.10
743		0	12 M2	+0.08	-2.39	-1.94	-5.43	+0.21	-0.12
743		322	12 M2	+0.08	-2.01	-2.63	-5.43	+0.21	-0.12
743		0	13 M3	+0.47	-2.13	-6.42	+0.85	-0.01	-0.34
743		322	13 M3	+0.47	-1.02	-6.39	+0.85	-0.01	-0.34
743		0	14 M4	+0.02	+0.12	-0.18	-0.43	+0.02	+0.01
743		322	14 M4	+0.02	+0.07	-0.25	-0.43	+0.02	+0.01
743		0	15 M5	+0.09	-0.68	+0.40	+0.76	-0.05	-0.05
743		322	15 M5	+0.09	-0.52	+0.55	+0.76	-0.05	-0.05
743		0	16 M6	+0.11	-3.11	-0.79	-2.93	+0.08	-0.18
743		322	16 M6	+0.11	-2.52	-1.07	-2.93	+0.08	-0.18
743		0	17 M7	-1.49	-3.34	-5.51	-4.44	-17.44	-0.42
743		322	17 M7	-1.49	-1.97	-2.97	-4.44	+22.56	-0.42
743	476	0	M+ A	+1.83	+0.00	+0.00	+0.00	+0.00	+0.00
743	478	322	M+ A	+1.83	+0.00	+0.00	+0.00	+55.04	+0.00
743	476	0	M- A	-1.60	-23.27	-16.78	-21.79	-49.12	-2.73
743	478	322	M- A	-1.60	-15.31	-13.89	-21.79	+0.00	-2.73
744	477	0	0 G	-0.00	+0.28	+172.52	+0.23	-9.56	+0.12
744	478	450	0 G	-0.00	-0.25	+173.21	+0.23	+9.25	+0.12
744		0	1 Q1	-0.00	+0.00	+142.62	+0.13	-0.01	-0.00
744		450	1 Q1	-0.00	+0.01	+142.68	+0.13	-0.01	-0.00
744		0	11 M1	-0.00	-0.04	-0.13	+0.06	+0.01	-0.02
744		450	11 M1	-0.00	+0.05	-0.18	+0.06	+0.01	-0.02
744		0	12 M2	+0.00	+0.07	+0.26	+0.02	-0.03	+0.03
744		450	12 M2	+0.00	-0.06	+0.40	+0.02	-0.03	+0.03
744		0	13 M3	-0.00	+0.05	+54.23	+0.08	-0.02	+0.02
744		450	13 M3	-0.00	-0.04	+54.34	+0.08	-0.02	+0.02
744		0	14 M4	-0.00	+0.01	+0.02	-0.01	-0.00	+0.00
744		450	14 M4	-0.00	-0.01	+0.04	-0.01	-0.00	+0.00
744		0	15 M5	-0.00	-0.03	-0.06	+0.04	+0.00	-0.01
744		450	15 M5	-0.00	+0.03	-0.08	+0.04	+0.00	-0.01
744		0	16 M6	-0.00	+0.02	+0.09	+0.07	-0.02	+0.01
744		450	16 M6	-0.00	-0.01	+0.16	+0.07	-0.02	+0.01
744		0	17 M7	+0.00	+0.15	+143.48	+0.04	-0.06	+0.06
744		450	17 M7	+0.00	-0.14	+143.76	+0.04	-0.06	+0.06
744	477	0	M+ A	+0.00	+0.60	+637.21	+0.60	+0.00	+0.25
744	478	450	M+ A	+0.00	+0.00	+638.64	+0.60	+12.33	+0.25
744	477	0	M- A	-0.00	+0.00	+0.00	+0.00	-12.83	+0.00
744	478	450	M- A	-0.00	-0.54	+0.00	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
745	477	0	0 G	+0.06	+5.80	-2.36	-10.74	-6.82	-0.80
745	479	321	0 G	+0.06	+8.39	-0.76	-10.74	+5.82	-0.80
745		0	1 Q1	+0.08	+2.87	-1.04	+2.48	-13.36	+0.55
745		321	1 Q1	+0.08	+1.09	+0.63	+2.48	+12.32	+0.55
745		0	11 M1	+0.08	+1.53	+1.17	+1.60	-0.07	+0.49
745		321	11 M1	+0.08	-0.03	+1.39	+1.60	-0.07	+0.49
745		0	12 M2	-0.02	+0.88	-2.61	-5.38	+0.14	-0.41
745		321	12 M2	-0.02	+2.18	-3.05	-5.38	+0.14	-0.41
745		0	13 M3	+2.06	+1.22	-6.39	+0.70	-9.36	+0.07
745		321	13 M3	+2.06	+0.98	+3.88	+0.70	+10.64	+0.07
745		0	14 M4	+0.00	-0.12	-0.25	-0.44	+0.01	-0.07
745		321	14 M4	+0.00	+0.11	-0.30	-0.44	+0.01	-0.07
745		0	15 M5	+0.09	+1.07	+0.53	+0.56	-0.03	+0.28
745		321	15 M5	+0.09	+0.18	+0.63	+0.56	-0.03	+0.28
745		0	16 M6	+0.06	+2.21	-1.08	-3.06	+0.06	+0.12
745		321	16 M6	+0.06	+1.82	-1.25	-3.06	+0.06	+0.12
745		0	17 M7	-0.26	+0.61	-2.92	-4.33	-3.67	-0.66
745		321	17 M7	-0.26	+2.72	+0.66	-4.33	+16.33	-0.66
745	477	0	M+ A	+3.26	+14.46	+0.00	+0.00	+0.00	+0.54
745	479	321	M+ A	+3.26	+16.55	+5.72	+0.00	+45.29	+0.54
745	477	0	M- A	-0.33	+0.00	-13.85	-22.56	-39.08	-2.07
745	479	321	M- A	-0.33	+0.00	-5.61	-22.56	+0.00	-2.07
746	175	0	0 G	+0.00	+0.00	-0.00	-0.67	+34.15	+0.54
746	480	555	0 G	+0.00	-3.01	+169.69	-0.67	+21.68	+0.54
746		0	1 Q1	+0.00	+0.00	-0.00	-0.21	+25.47	-0.10
746		555	1 Q1	+0.00	+0.54	+141.37	-0.21	+25.47	-0.10
746		0	11 M1	+0.00	+0.00	-0.00	-0.10	-0.00	-0.06
746		555	11 M1	+0.00	+0.34	-0.02	-0.10	-0.00	-0.06
746		0	12 M2	+0.00	+0.00	-0.00	-0.15	+0.00	+0.27
746		555	12 M2	+0.00	-1.48	+0.01	-0.15	+0.00	+0.27
746		0	13 M3	+0.00	+0.00	-0.00	-0.11	+22.67	-0.03
746		555	13 M3	+0.00	+0.14	+125.82	-0.11	+22.67	-0.03
746		0	14 M4	+0.00	+0.00	-0.00	+0.01	+0.00	+0.02
746		555	14 M4	+0.00	-0.10	+0.00	+0.01	+0.00	+0.02
746		0	15 M5	+0.00	+0.00	-0.00	-0.06	-0.00	-0.02
746		555	15 M5	+0.00	+0.11	-0.02	-0.06	-0.00	-0.02
746		0	16 M6	+0.00	+0.00	-0.00	-0.22	-0.00	+0.17
746		555	16 M6	+0.00	-0.94	-0.01	-0.22	-0.00	+0.17
746		0	17 M7	+0.00	+0.00	-0.00	-0.15	+25.04	+0.21
746		555	17 M7	+0.00	-1.17	+138.98	-0.15	+25.04	+0.21
746	175	0	M+ A	+0.00	+0.00	-0.00	+0.00	+117.37	+1.12
746	480	555	M+ A	+0.00	+0.00	+625.00	+0.00	+100.78	+1.12
746	175	0	M- A	+0.00	+0.00	-0.00	-1.50	+0.00	+0.00
746	480	555	M- A	+0.00	-6.21	-0.00	-1.50	+0.00	+0.00
747	478	0	0 G	+0.23	-4.72	-2.39	-9.50	-6.88	-1.53
747	480	321	0 G	+0.23	+0.18	-0.58	-9.50	+5.76	-1.53
747		0	1 Q1	+0.16	-2.11	-1.02	+2.84	-13.37	-0.62
747		321	1 Q1	+0.16	-0.11	+0.67	+2.84	+12.31	-0.62
747		0	11 M1	+0.07	-1.03	+1.19	+1.73	-0.06	-0.19
747		321	11 M1	+0.07	-0.43	+1.40	+1.73	-0.06	-0.19
747		0	12 M2	-0.00	-0.84	-2.63	-5.18	+0.12	-0.15
747		321	12 M2	-0.00	-0.36	-3.02	-5.18	+0.12	-0.15
747		0	13 M3	-2.01	-1.12	-6.39	+0.86	-9.38	-0.44
747		321	13 M3	-2.01	+0.29	+3.90	+0.86	+10.62	-0.44
747		0	14 M4	+0.01	+0.15	-0.25	-0.41	+0.01	+0.02
747		321	14 M4	+0.01	+0.07	-0.29	-0.41	+0.01	+0.02
747		0	15 M5	+0.08	-0.54	+0.55	+0.74	-0.03	-0.10
747		321	15 M5	+0.08	-0.21	+0.65	+0.74	-0.03	-0.10
747		0	16 M6	+0.06	-1.67	-1.07	-2.77	+0.05	-0.29
747		321	16 M6	+0.06	-0.73	-1.22	-2.77	+0.05	-0.29
747		0	17 M7	+0.12	-1.13	-2.96	-4.20	-3.69	-0.47
747		321	17 M7	+0.12	+0.38	+0.70	-4.20	+16.31	-0.47
747	478	0	M+ A	+0.67	+0.00	+0.00	+0.00	+0.00	+0.00
747	480	321	M+ A	+0.67	+0.82	+5.98	+0.00	+45.16	+0.00
747	478	0	M- A	-2.79	-11.29	-13.89	-20.60	-39.19	-3.49
747	480	321	M- A	-2.79	-1.02	-5.32	-20.60	+0.00	-3.49
748	479	0	0 G	-0.00	+0.24	+169.93	-1.35	-9.41	+0.11
748	480	450	0 G	-0.00	-0.24	+169.93	-1.35	+9.41	+0.11
748		0	1 Q1	-0.00	-0.01	+141.37	-0.37	-0.00	-0.00
748		450	1 Q1	-0.00	+0.01	+141.39	-0.37	-0.00	-0.00
748		0	11 M1	-0.00	-0.04	-0.05	-0.19	-0.00	-0.02
748		450	11 M1	-0.00	+0.04	-0.03	-0.19	-0.00	-0.02
748		0	12 M2	+0.00	+0.06	+0.08	-0.36	+0.00	+0.03
748		450	12 M2	+0.00	-0.06	+0.08	-0.36	+0.00	+0.03
748		0	13 M3	-0.00	+0.04	+124.05	-0.19	+0.00	+0.02
748		450	13 M3	-0.00	-0.04	+124.05	-0.19	+0.00	+0.02
748		0	14 M4	-0.00	+0.01	+0.01	+0.01	-0.00	+0.00
748		450	14 M4	-0.00	-0.01	+0.01	+0.01	-0.00	+0.00
748		0	15 M5	-0.00	-0.03	-0.03	-0.14	-0.00	-0.01
748		450	15 M5	-0.00	+0.03	-0.01	-0.14	-0.00	-0.01
748		0	16 M6	-0.00	+0.01	+0.03	-0.49	-0.00	+0.00
748		450	16 M6	-0.00	-0.01	+0.04	-0.49	-0.00	+0.00
748		0	17 M7	+0.00	+0.14	+137.07	-0.31	+0.01	+0.06
748		450	17 M7	+0.00	-0.14	+137.04	-0.31	+0.01	+0.06
748	479	0	M+ A	+0.00	+0.53	+622.47	+0.00	+0.00	+0.24
748	480	450	M+ A	+0.00	+0.00	+622.45	+0.00	+12.52	+0.24
748	479	0	M- A	-0.00	+0.00	+0.00	-3.03	-12.52	+0.00
748	480	450	M- A	-0.00	-0.53	+0.00	-3.03	+0.00	+0.00
749	479	0	0 G	-0.04	+4.71	-0.76	-10.22	-6.51	-1.60
749	481	322	0 G	-0.04	+9.87	-0.20	-10.22	+6.17	-1.60
749		0	1 Q1	+0.02	+1.60	+0.63	+2.40	-13.16	+0.39
749		322	1 Q1	+0.02	+0.33	+1.54	+2.40	+12.60	+0.39
749		0	11 M1	+0.05	+0.38	+1.39	+1.56	-0.06	+0.40
749		322	11 M1	+0.05	-0.92	+1.59	+1.56	-0.06	+0.40
749		0	12 M2	-0.01	+0.55	-3.05	-5.12	+0.12	-0.65
749		322	12 M2	-0.01	+2.64	-3.45	-5.12	+0.12	-0.65
749		0	13 M3	+0.25	+1.02	+3.88	+0.67	-12.04	-0.03
749		322	13 M3	+0.25	+1.11	-5.54	+0.67	+7.96	-0.03
749		0	14 M4	+0.00	-0.00	-0.30	-0.42	+0.01	-0.07
749		322	14 M4	+0.00	+0.23	-0.34	-0.42	+0.01	-0.07
749		0	15 M5	+0.05	+0.33	+0.63	+0.55	-0.03	+0.21
749		322	15 M5	+0.05	-0.36	+0.72	+0.55	-0.03	+0.21
749		0	16 M6	+0.04	+0.83	-1.25	-2.89	+0.05	-0.16
749		322	16 M6	+0.04	+1.35	-1.41	-2.89	+0.05	-0.16
749		0	17 M7	-2.25	+1.26	+0.66	-4.15	-8.73	-0.87
749		322	17 M7	-2.25	+4.05	-7.83	-4.15	+11.27	-0.87
749	479	0	M+ A	+0.35	+10.07	+5.72	+0.00	+0.00	+0.00

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
749	481	322	M+ A	+0.35	+19.75	+3.80	+0.00	+39.06	+0.00
749	479	0	M- A	-3.42	+0.00	-5.61	-21.49	-41.18	-3.47
749	481	322	M- A	-3.42	+0.00	-12.02	-21.49	+0.00	-3.47
750	176	0	0 G	+0.00	+0.00	-0.00	-0.15	+34.10	+0.61
750	482	555	0 G	+0.00	-3.38	+169.39	-0.15	+21.63	+0.61
750		0	1 Q1	+0.00	+0.00	-0.00	-0.07	+25.06	-0.14
750		555	1 Q1	+0.00	+0.76	+139.11	-0.07	+25.06	-0.14
750		0	11 M1	+0.00	+0.00	-0.00	-0.06	-0.10	-0.08
750		555	11 M1	+0.00	+0.46	-0.57	-0.06	-0.10	-0.08
750		0	12 M2	+0.00	+0.00	-0.00	-0.05	+0.21	+0.31
750		555	12 M2	+0.00	-1.72	+1.16	-0.05	+0.21	+0.31
750		0	13 M3	+0.00	+0.00	-0.00	-0.04	+23.81	-0.04
750		555	13 M3	+0.00	+0.22	+132.13	-0.04	+23.81	-0.04
750		0	14 M4	+0.00	+0.00	-0.00	+0.01	+0.02	+0.02
750		555	14 M4	+0.00	-0.13	+0.11	+0.01	+0.02	+0.02
750		0	15 M5	+0.00	+0.00	-0.00	-0.04	-0.05	-0.03
750		555	15 M5	+0.00	+0.17	-0.27	-0.04	-0.05	-0.03
750		0	16 M6	+0.00	+0.00	-0.00	-0.10	+0.08	+0.19
750		555	16 M6	+0.00	-1.03	+0.45	-0.10	+0.08	+0.19
750		0	17 M7	+0.00	+0.00	-0.00	-0.01	+11.02	+0.25
750		555	17 M7	+0.00	-1.37	+61.17	-0.01	+11.02	+0.25
750	176	0	M+ A	+0.00	+0.00	-0.00	+0.00	+114.90	+1.27
750	482	555	M+ A	+0.00	+0.00	+611.28	+0.00	+98.31	+1.27
750	176	0	M- A	+0.00	+0.00	-0.00	-0.46	+0.00	+0.00
750	482	555	M- A	+0.00	-7.07	-0.00	-0.46	+0.00	+0.00
751	480	0	0 G	-0.02	+2.95	-0.58	-8.85	-6.52	-0.85
751	482	322	0 G	-0.02	+5.67	-0.01	-8.85	+6.16	-0.85
751		0	1 Q1	+0.14	-0.65	+0.67	+2.74	-13.16	-0.47
751		322	1 Q1	+0.14	+0.85	+1.59	+2.74	+12.60	-0.47
751		0	11 M1	+0.08	-0.73	+1.40	+1.65	-0.06	-0.09
751		322	11 M1	+0.08	-0.43	+1.60	+1.65	-0.06	-0.09
751		0	12 M2	-0.07	+1.05	-3.02	-4.89	+0.12	+0.07
751		322	12 M2	-0.07	+0.84	-3.42	-4.89	+0.12	+0.07
751		0	13 M3	-0.24	+0.11	+3.90	+0.85	-12.04	-0.36
751		322	13 M3	-0.24	+1.26	-5.52	+0.85	+7.96	-0.36
751		0	14 M4	-0.00	+0.16	-0.29	-0.39	+0.01	+0.02
751		322	14 M4	-0.00	+0.10	-0.34	-0.39	+0.01	+0.02
751		0	15 M5	+0.07	-0.29	+0.65	+0.71	-0.03	-0.03
751		322	15 M5	+0.07	-0.18	+0.74	+0.71	-0.03	-0.03
751		0	16 M6	+0.02	+0.20	-1.22	-2.60	+0.05	-0.02
751		322	16 M6	+0.02	+0.26	-1.37	-2.60	+0.05	-0.02
751		0	17 M7	+2.06	+1.41	+0.70	-3.93	-8.73	-0.32
751		322	17 M7	+2.06	+2.44	-7.80	-3.93	+11.27	-0.32
751	480	0	M+ A	+3.22	+6.10	+5.98	+0.00	+0.00	+0.00
751	482	322	M+ A	+3.22	+12.20	+4.06	+0.00	+39.05	+0.00
751	480	0	M- A	-0.38	+0.00	-5.32	-19.28	-41.19	-2.21
751	482	322	M- A	-0.38	+0.00	-11.71	-19.28	+0.00	-2.21
752	481	0	0 G	+0.00	+0.18	+169.55	-0.68	-9.43	+0.08
752	482	450	0 G	+0.00	-0.19	+169.66	-0.68	+9.38	+0.08
752		0	1 Q1	-0.00	-0.01	+139.27	-0.13	-0.01	-0.01
752		450	1 Q1	-0.00	+0.01	+139.30	-0.13	-0.01	-0.01
752		0	11 M1	-0.00	-0.04	-0.53	-0.11	-0.00	-0.02
752		450	11 M1	-0.00	+0.04	-0.53	-0.11	-0.00	-0.02
752		0	12 M2	+0.00	+0.05	+1.11	-0.25	-0.00	+0.02
752		450	12 M2	+0.00	-0.05	+1.13	-0.25	-0.00	+0.02
752		0	13 M3	+0.00	+0.03	+132.40	-0.12	-0.00	+0.01
752		450	13 M3	+0.00	-0.03	+132.41	-0.12	-0.00	+0.01
752		0	14 M4	+0.00	+0.00	+0.11	+0.00	-0.00	+0.00
752		450	14 M4	+0.00	-0.00	+0.11	+0.00	-0.00	+0.00
752		0	15 M5	-0.00	-0.03	-0.25	-0.08	-0.00	-0.01
752		450	15 M5	-0.00	+0.03	-0.24	-0.08	-0.00	-0.01
752		0	16 M6	-0.00	+0.00	+0.45	-0.32	-0.00	+0.00
752		450	16 M6	-0.00	-0.00	+0.46	-0.32	-0.00	+0.00
752		0	17 M7	+0.00	+0.11	+63.09	-0.16	-0.01	+0.05
752		450	17 M7	+0.00	-0.11	+63.12	-0.16	-0.01	+0.05
752	481	0	M+ A	+0.00	+0.40	+612.11	+0.00	+0.00	+0.18
752	482	450	M+ A	+0.00	+0.00	+612.31	+0.00	+12.48	+0.18
752	481	0	M- A	-0.00	+0.00	+0.00	-1.56	-12.56	+0.00
752	482	450	M- A	-0.00	-0.42	+0.00	-1.56	+0.00	+0.00
753	481	0	0 G	-0.19	+5.90	-0.20	-9.62	-6.08	-1.98
753	483	321	0 G	-0.19	+12.25	-0.96	-9.62	+6.55	-1.98
753		0	1 Q1	+0.10	+1.05	+1.54	+2.28	-12.47	+0.34
753		321	1 Q1	+0.10	-0.05	+0.37	+2.28	+13.21	+0.34
753		0	11 M1	+0.06	-0.40	+1.59	+1.49	+0.04	+0.34
753		321	11 M1	+0.06	-1.48	+1.47	+1.49	+0.04	+0.34
753		0	12 M2	-0.10	+0.78	-3.45	-4.82	-0.09	-0.81
753		321	12 M2	-0.10	+3.39	-3.16	-4.82	-0.09	-0.81
753		0	13 M3	+0.47	+1.24	-5.54	+0.62	-15.86	-0.08
753		321	13 M3	+0.47	+1.49	+5.17	+0.62	+3.74	-0.08
753		0	14 M4	-0.01	+0.09	-0.34	-0.40	-0.01	-0.07
753		321	14 M4	-0.01	+0.31	-0.32	-0.40	-0.01	-0.07
753		0	15 M5	+0.04	-0.16	+0.72	+0.53	+0.02	+0.16
753		321	15 M5	+0.04	-0.68	+0.66	+0.53	+0.02	+0.16
753		0	16 M6	-0.02	+0.27	-1.41	-2.70	-0.04	-0.36
753		321	16 M6	-0.02	+1.43	-1.29	-2.70	-0.04	-0.36
753		0	17 M7	-0.37	+2.43	-7.83	-3.93	+0.24	-0.95
753		321	17 M7	-0.37	+5.47	-8.61	-3.93	+0.24	-0.95
753	481	0	M+ A	+0.62	+12.70	+3.80	+0.00	+0.00	+0.00
753	483	321	M+ A	+0.62	+24.74	+7.19	+0.00	+32.59	+0.00
753	481	0	M- A	-0.81	+0.00	-12.02	-20.22	-45.10	-4.09
753	483	321	M- A	-0.81	+0.00	-14.21	-20.22	+0.00	-4.09
754	177	0	0 G	+0.00	+0.00	-0.00	+1.32	+34.39	+0.68
754	484	555	0 G	+0.00	-3.77	+171.02	+1.32	+21.92	+0.68
754		0	1 Q1	+0.00	+0.00	-0.00	+0.22	+25.56	-0.17
754		555	1 Q1	+0.00	+0.96	+141.85	+0.22	+25.56	-0.17
754		0	11 M1	+0.00	+0.00	-0.00	-0.10	-0.02	-0.11
754		555	11 M1	+0.00	+0.59	-0.12	-0.10	-0.02	-0.11
754		0	12 M2	+0.00	+0.00	-0.00	+0.21	+0.04	+0.36
754		555	12 M2	+0.00	-1.97	+0.19	+0.21	+0.04	+0.36
754		0	13 M3	+0.00	+0.00	-0.00	+0.12	+27.27	-0.05
754		555	13 M3	+0.00	+0.29	+151.35	+0.12	+27.27	-0.05
754		0	14 M4	+0.00	+0.00	-0.00	+0.02	+0.00	+0.03
754		555	14 M4	+0.00	-0.15	+0.02	+0.02	+0.00	+0.03
754		0	15 M5	+0.00	+0.00	-0.00	-0.05	-0.01	-0.04
754		555	15 M5	+0.00	+0.23	-0.07	-0.05	-0.01	-0.04
754		0	16 M6	+0.00	+0.00	-0.00	+0.10	+0.01	+0.20

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
754		555	16 M6	+0.00	-1.13	+0.06	+0.10	+0.01	+0.20
754		0	17 M7	+0.00	+0.00	-0.00	+0.51	+9.46	+0.28
754		555	17 M7	+0.00	-1.57	+52.51	+0.51	+9.46	+0.28
754	177	0	M+ A	+0.00	+0.00	-0.00	+2.82	+121.15	+1.44
754	484	555	M+ A	+0.00	+0.00	+645.99	+2.82	+104.56	+1.44
754	177	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
754	484	555	M- A	+0.00	-7.97	-0.00	+0.00	+0.00	+0.00
755	482	0	0 G	-0.28	+8.86	-0.01	-8.16	-6.08	-0.32
755	484	321	0 G	-0.28	+9.88	-0.78	-8.16	+6.56	-0.32
755		0	1 Q1	-0.05	+0.11	+1.59	+2.60	-12.47	-0.41
755		321	1 Q1	-0.05	+1.41	+0.41	+2.60	+13.21	-0.41
755		0	11 M1	+0.04	-0.86	+1.60	+1.55	+0.04	-0.04
755		321	11 M1	+0.04	-0.73	+1.48	+1.55	+0.04	-0.04
755		0	12 M2	-0.05	+2.51	-3.42	-4.56	-0.09	+0.27
755		321	12 M2	-0.05	+1.65	-3.13	-4.56	-0.09	+0.27
755		0	13 M3	-0.52	+1.01	-5.52	+0.82	-15.86	-0.28
755		321	13 M3	-0.52	+1.92	+5.20	+0.82	+3.74	-0.28
755		0	14 M4	-0.00	+0.22	-0.34	-0.37	-0.01	+0.02
755		321	14 M4	-0.00	+0.15	-0.31	-0.37	-0.01	+0.02
755		0	15 M5	+0.03	-0.32	+0.74	+0.67	+0.02	+0.01
755		321	15 M5	+0.03	-0.35	+0.68	+0.67	+0.02	+0.01
755		0	16 M6	-0.00	+1.29	-1.37	-2.41	-0.04	+0.19
755		321	16 M6	-0.00	+0.67	-1.25	-2.41	-0.04	+0.19
755		0	17 M7	+0.11	+3.69	-7.80	-3.64	+0.24	-0.17
755		321	17 M7	+0.11	+4.22	-8.58	-3.64	+0.24	-0.17
755	482	0	M+ A	+0.00	+17.60	+4.06	+0.00	+0.00	+0.08
755	484	321	M+ A	+0.00	+21.15	+7.45	+0.00	+32.60	+0.08
755	482	0	M- A	-1.22	+0.00	-11.71	-17.85	-45.09	-1.33
755	484	321	M- A	-1.22	+0.00	-13.92	-17.85	+0.00	-1.33
756	483	0	0 G	+0.00	+0.08	+171.14	+0.41	-9.43	+0.04
756	484	450	0 G	+0.00	-0.09	+171.25	+0.41	+9.38	+0.04
756		0	1 Q1	-0.00	-0.02	+141.91	+0.21	-0.01	-0.01
756		450	1 Q1	-0.00	+0.02	+141.94	+0.21	-0.01	-0.01
756		0	11 M1	-0.00	-0.03	-0.11	-0.01	-0.00	-0.01
756		450	11 M1	-0.00	+0.03	-0.10	-0.01	-0.00	-0.01
756		0	12 M2	+0.00	+0.02	+0.20	-0.05	-0.00	+0.01
756		450	12 M2	+0.00	-0.03	+0.22	-0.05	-0.00	+0.01
756		0	13 M3	+0.00	+0.01	+149.38	+0.00	-0.00	+0.01
756		450	13 M3	+0.00	-0.02	+149.39	+0.00	-0.00	+0.01
756		0	14 M4	+0.00	+0.00	+0.02	-0.00	-0.00	+0.00
756		450	14 M4	+0.00	-0.00	+0.02	-0.00	-0.00	+0.00
756		0	15 M5	-0.00	-0.02	-0.06	-0.02	-0.00	-0.01
756		450	15 M5	-0.00	+0.02	-0.04	-0.02	-0.00	-0.01
756		0	16 M6	+0.00	-0.01	+0.07	-0.04	-0.00	-0.00
756		450	16 M6	+0.00	+0.00	+0.09	-0.04	-0.00	-0.00
756		0	17 M7	+0.00	+0.07	+54.86	+0.11	-0.00	+0.03
756		450	17 M7	+0.00	-0.07	+54.88	+0.11	-0.00	+0.03
756	483	0	M+ A	+0.00	+0.20	+643.27	+1.00	+0.00	+0.10
756	484	450	M+ A	+0.00	+0.00	+643.46	+1.00	+12.48	+0.10
756	483	0	M- A	+0.00	+0.00	+0.00	+0.00	-12.56	+0.00
756	484	450	M- A	+0.00	-0.22	+0.00	+0.00	+0.00	+0.00
757	483	0	0 G	-0.36	+8.01	-0.96	-8.91	-5.99	-1.46
757	485	321	0 G	-0.36	+12.68	-2.03	-8.91	+6.65	-1.46
757		0	1 Q1	+0.10	+0.88	+0.37	+2.12	-12.36	+0.39
757		321	1 Q1	+0.10	-0.39	-1.17	+2.12	+13.32	+0.39
757		0	11 M1	+0.06	-0.86	+1.47	+1.39	+0.06	+0.26
757		321	11 M1	+0.06	-1.68	+1.28	+1.39	+0.06	+0.26
757		0	12 M2	-0.14	+1.31	-3.16	-4.46	-0.13	-0.75
757		321	12 M2	-0.14	+3.70	-2.74	-4.46	-0.13	-0.75
757		0	13 M3	-1.55	+1.71	+5.17	+0.58	-3.93	+0.03
757		321	13 M3	-1.55	+1.63	-4.95	+0.58	+15.67	+0.03
757		0	14 M4	-0.01	+0.15	-0.32	-0.37	-0.01	-0.06
757		321	14 M4	-0.01	+0.34	-0.28	-0.37	-0.01	-0.06
757		0	15 M5	+0.02	-0.45	+0.66	+0.50	+0.03	+0.11
757		321	15 M5	+0.02	-0.80	+0.58	+0.50	+0.03	+0.11
757		0	16 M6	-0.06	+0.25	-1.29	-2.48	-0.05	-0.38
757		321	16 M6	-0.06	+1.48	-1.11	-2.48	-0.05	-0.38
757		0	17 M7	+1.93	+3.71	-8.61	-3.66	-9.22	-0.68
757		321	17 M7	+1.93	+5.90	-0.01	-3.66	+10.78	-0.68
757	483	0	M+ A	+2.64	+17.30	+7.19	+0.00	+0.00	+0.00
757	485	321	M+ A	+2.64	+25.97	+0.00	+0.00	+46.47	+0.00
757	483	0	M- A	-2.80	+0.00	-14.21	-18.72	-36.31	-3.08
757	485	321	M- A	-2.80	+0.00	-11.38	-18.72	+0.00	-3.08
758	178	0	0 G	+0.00	+0.00	-0.00	+3.47	+34.89	+0.74
758	486	555	0 G	+0.00	-4.13	+173.79	+3.47	+22.42	+0.74
758		0	1 Q1	+0.00	+0.00	-0.00	+0.58	+26.32	-0.21
758		555	1 Q1	+0.00	+1.14	+146.05	+0.58	+26.32	-0.21
758		0	11 M1	+0.00	+0.00	-0.00	-0.21	+0.08	-0.13
758		555	11 M1	+0.00	+0.70	+0.44	-0.21	+0.08	-0.13
758		0	12 M2	+0.00	+0.00	-0.00	+0.60	-0.18	+0.40
758		555	12 M2	+0.00	-2.20	-1.01	+0.60	-0.18	+0.40
758		0	13 M3	+0.00	+0.00	-0.00	+0.35	+17.57	-0.06
758		555	13 M3	+0.00	+0.35	+97.50	+0.35	+17.57	-0.06
758		0	14 M4	+0.00	+0.00	-0.00	+0.04	-0.02	+0.03
758		555	14 M4	+0.00	-0.18	-0.10	+0.04	-0.02	+0.03
758		0	15 M5	+0.00	+0.00	-0.00	-0.11	+0.03	-0.05
758		555	15 M5	+0.00	+0.28	+0.19	-0.11	+0.03	-0.05
758		0	16 M6	+0.00	+0.00	-0.00	+0.33	-0.08	+0.22
758		555	16 M6	+0.00	-1.21	-0.43	+0.33	-0.08	+0.22
758		0	17 M7	+0.00	+0.00	-0.00	+1.32	+23.15	+0.32
758		555	17 M7	+0.00	-1.77	+128.50	+1.32	+23.15	+0.32
758	178	0	M+ A	+0.00	+0.00	-0.00	+7.38	+116.66	+1.59
758	486	555	M+ A	+0.00	+0.00	+621.06	+7.38	+100.07	+1.59
758	178	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
758	486	555	M- A	+0.00	-8.80	-0.00	+0.00	+0.00	+0.00
759	484	0	0 G	-0.51	+13.55	-0.78	-7.45	-5.98	+0.59
759	486	321	0 G	-0.51	+11.65	-1.88	-7.45	+6.66	+0.59
759		0	1 Q1	-0.14	+0.47	+0.41	+2.42	-12.36	-0.40
759		321	1 Q1	-0.14	+1.74	-1.14	+2.42	+13.32	-0.40
759		0	11 M1	+0.02	-1.29	+1.48	+1.43	+0.06	-0.13
759		321	11 M1	+0.02	-0.88	+1.29	+1.43	+0.06	-0.13
759		0	12 M2	-0.08	+3.60	-3.13	-4.19	-0.13	+0.53
759		321	12 M2	-0.08	+1.89	-2.72	-4.19	-0.13	+0.53
759		0	13 M3	+1.44	+1.62	+5.20	+0.78	-3.93	-0.16
759		321	13 M3	+1.44	+2.14	-4.93	+0.78	+15.67	-0.16
759		0	14 M4	-0.01	+0.30	-0.31	-0.34	-0.01	+0.04

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
759		321	14 M4	-0.01	+0.16	-0.27	-0.34	-0.01	+0.04
759		0	15 M5	+0.01	-0.56	+0.68	+0.62	+0.03	-0.03
759		321	15 M5	+0.01	-0.46	+0.60	+0.62	+0.03	-0.03
759		0	16 M6	-0.04	+1.80	-1.25	-2.21	-0.05	+0.33
759		321	16 M6	-0.04	+0.73	-1.09	-2.21	-0.05	+0.33
759		0	17 M7	-2.26	+5.73	-8.58	-3.32	-9.22	+0.23
759		321	17 M7	-2.26	+4.98	+0.02	-3.32	+10.78	+0.23
759	484	0	M+ A	+1.65	+27.38	+7.45	+0.00	+0.00	+1.60
759	486	321	M+ A	+1.65	+25.03	+0.06	+0.00	+46.49	+1.60
759	484	0	M- A	-4.22	+0.00	-13.92	-16.34	-36.29	-0.17
759	486	321	M- A	-4.22	+0.00	-11.12	-16.34	+0.00	-0.17
760	485	0	0 G	+0.00	-0.04	+173.77	+0.97	-9.43	-0.02
760	486	450	0 G	+0.00	+0.04	+173.89	+0.97	+9.38	-0.02
760		0	1 Q1	+0.00	-0.02	+145.91	+0.34	-0.01	-0.01
760		450	1 Q1	+0.00	+0.02	+145.94	+0.34	-0.01	-0.01
760		0	11 M1	-0.00	-0.01	+0.42	+0.02	-0.00	-0.01
760		450	11 M1	-0.00	+0.01	+0.43	+0.02	-0.00	-0.01
760		0	12 M2	+0.00	-0.00	-0.95	+0.08	-0.00	-0.00
760		450	12 M2	+0.00	+0.00	-0.93	+0.08	-0.00	-0.00
760		0	13 M3	+0.00	-0.00	+98.20	+0.06	-0.00	-0.00
760		450	13 M3	+0.00	+0.00	+98.22	+0.06	-0.00	-0.00
760		0	14 M4	+0.00	-0.00	-0.09	-0.00	-0.00	-0.00
760		450	14 M4	+0.00	+0.00	-0.09	-0.00	-0.00	-0.00
760		0	15 M5	-0.00	-0.01	+0.19	+0.01	-0.00	-0.01
760		450	15 M5	-0.00	+0.01	+0.20	+0.01	-0.00	-0.01
760		0	16 M6	+0.00	-0.02	-0.39	+0.11	-0.01	-0.01
760		450	16 M6	+0.00	+0.02	-0.37	+0.11	-0.01	-0.01
760		0	17 M7	+0.00	+0.01	+126.66	+0.26	-0.00	+0.01
760		450	17 M7	+0.00	-0.01	+126.68	+0.26	-0.00	+0.01
760	485	0	M+ A	+0.00	+0.00	+618.07	+2.14	+0.00	+0.00
760	486	450	M+ A	+0.00	+0.11	+618.32	+2.14	+12.47	+0.00
760	485	0	M- A	+0.00	-0.12	+0.00	+0.00	-12.57	-0.05
760	486	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.05
761	485	0	0 G	-0.61	+8.26	-2.03	-8.09	-6.37	-0.29
761	487	322	0 G	-0.61	+9.20	-1.92	-8.09	+6.30	-0.29
761		0	1 Q1	-0.10	+0.72	-1.17	+1.94	-13.00	+0.31
761		322	1 Q1	-0.10	-0.28	-0.79	+1.94	+12.76	+0.31
761		0	11 M1	+0.02	-0.97	+1.28	+1.27	-0.02	+0.06
761		322	11 M1	+0.02	-1.16	+1.36	+1.27	-0.02	+0.06
761		0	12 M2	-0.12	+1.44	-2.74	-4.05	+0.05	-0.41
761		322	12 M2	-0.12	+2.77	-2.90	-4.05	+0.05	-0.41
761		0	13 M3	-0.88	+1.93	-4.95	+0.52	-1.90	+0.30
761		322	13 M3	-0.88	+0.95	+1.17	+0.52	-1.90	+0.30
761		0	14 M4	-0.01	+0.16	-0.28	-0.34	+0.01	-0.03
761		322	14 M4	-0.01	+0.25	-0.29	-0.34	+0.01	-0.03
761		0	15 M5	-0.01	-0.53	+0.58	+0.46	-0.01	+0.00
761		322	15 M5	-0.01	-0.53	+0.61	+0.46	-0.01	+0.00
761		0	16 M6	-0.08	+0.23	-1.11	-2.24	+0.02	-0.30
761		322	16 M6	-0.08	+1.21	-1.18	-2.24	+0.02	-0.30
761		0	17 M7	+0.06	+4.04	-0.01	-3.33	-12.38	-0.03
761		322	17 M7	+0.06	+4.14	-9.55	-3.33	+7.62	-0.03
761	485	0	M+ A	+0.00	+17.96	+0.00	+0.00	+0.00	+0.49
761	487	322	M+ A	+0.00	+18.63	+0.12	+0.00	+35.66	+0.49
761	485	0	M- A	-2.25	+0.00	-11.38	-16.99	-41.10	-1.02
761	487	322	M- A	-2.25	+0.00	-17.74	-16.99	+0.00	-1.02
762	179	0	0 G	+0.00	+0.00	-0.00	+1.17	+34.89	+0.81
762	488	555	0 G	+0.00	-4.49	+173.80	+1.17	+22.42	+0.81
762		0	1 Q1	+0.00	+0.00	-0.00	+0.17	+26.06	-0.24
762		555	1 Q1	+0.00	+1.33	+144.63	+0.17	+26.06	-0.24
762		0	11 M1	+0.00	+0.00	-0.00	-0.07	+0.02	-0.15
762		555	11 M1	+0.00	+0.81	+0.11	-0.07	+0.02	-0.15
762		0	12 M2	+0.00	+0.00	-0.00	+0.23	-0.05	+0.44
762		555	12 M2	+0.00	-2.43	-0.30	+0.23	-0.05	+0.44
762		0	13 M3	+0.00	+0.00	-0.00	+0.12	+12.59	-0.07
762		555	13 M3	+0.00	+0.41	+69.89	+0.12	+12.59	-0.07
762		0	14 M4	+0.00	+0.00	-0.00	+0.01	-0.01	+0.04
762		555	14 M4	+0.00	-0.20	-0.03	+0.01	-0.01	+0.04
762		0	15 M5	+0.00	+0.00	-0.00	-0.04	+0.01	-0.06
762		555	15 M5	+0.00	+0.34	+0.04	-0.04	+0.01	-0.06
762		0	16 M6	+0.00	+0.00	-0.00	+0.14	-0.03	+0.23
762		555	16 M6	+0.00	-1.30	-0.14	+0.14	-0.03	+0.23
762		0	17 M7	+0.00	+0.00	-0.00	+0.43	+24.35	+0.35
762		555	17 M7	+0.00	-1.96	+135.17	+0.43	+24.35	+0.35
762	179	0	M+ A	+0.00	+0.00	-0.00	+2.44	+118.12	+1.73
762	488	555	M+ A	+0.00	+0.00	+629.15	+2.44	+101.53	+1.73
762	179	0	M- A	+0.00	+0.00	-0.00	+0.00	+0.00	+0.00
762	488	555	M- A	+0.00	-9.62	-0.00	+0.00	+0.00	+0.00
763	486	0	0 G	-0.61	+15.82	-1.88	-6.72	-6.38	+3.09
763	488	322	0 G	-0.61	+5.86	-1.75	-6.72	+6.30	+3.09
763		0	1 Q1	-0.02	+0.62	-1.14	+2.20	-13.00	-0.16
763		322	1 Q1	-0.02	+1.13	-0.75	+2.20	+12.76	-0.16
763		0	11 M1	+0.04	-1.57	+1.29	+1.30	-0.02	-0.36
763		322	11 M1	+0.04	-0.41	+1.37	+1.30	-0.02	-0.36
763		0	12 M2	-0.16	+4.09	-2.72	-3.79	+0.05	+1.06
763		322	12 M2	-0.16	+0.68	-2.87	-3.79	+0.05	+1.06
763		0	13 M3	+0.72	+1.80	-4.93	+0.72	-1.90	+0.13
763		322	13 M3	+0.72	+1.38	+1.20	+0.72	-1.90	+0.13
763		0	14 M4	-0.02	+0.34	-0.27	-0.31	+0.00	+0.08
763		322	14 M4	-0.02	+0.07	-0.29	-0.31	+0.00	+0.08
763		0	15 M5	-0.00	-0.73	+0.60	+0.56	-0.01	-0.16
763		322	15 M5	-0.00	-0.22	+0.63	+0.56	-0.01	-0.16
763		0	16 M6	-0.09	+1.96	-1.09	-2.00	+0.02	+0.56
763		322	16 M6	-0.09	+0.16	-1.15	-2.00	+0.02	+0.56
763		0	17 M7	-0.44	+6.74	+0.02	-3.00	-12.38	+1.29
763		322	17 M7	-0.44	+2.57	-9.52	-3.00	+7.62	+1.29
763	486	0	M+ A	+0.47	+32.11	+0.06	+0.00	+0.00	+6.12
763	488	322	M+ A	+0.47	+12.95	+0.31	+0.00	+35.65	+6.12
763	486	0	M- A	-1.52	+0.00	-11.11	-14.76	-41.11	+0.00
763	488	322	M- A	-1.52	+0.00	-17.43	-14.76	+0.00	+0.00
764	487	0	0 G	+0.00	-0.14	+173.79	+0.54	-9.43	-0.07
764	488	450	0 G	+0.00	+0.15	+173.89	+0.54	+9.38	-0.07
764		0	1 Q1	+0.00	-0.03	+144.56	+0.14	-0.01	-0.01
764		450	1 Q1	+0.00	+0.03	+144.59	+0.14	-0.01	-0.01
764		0	11 M1	-0.00	-0.00	+0.11	+0.01	-0.00	-0.00
764		450	11 M1	-0.00	+0.00	+0.12	+0.01	-0.00	-0.00
764		0	12 M2	+0.00	-0.03	-0.27	+0.09	-0.00	-0.01

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
764		450	12 M2	+0.00	+0.03	-0.26	+0.09	-0.00	-0.01
764		0	13 M3	+0.00	-0.02	+70.68	+0.04	-0.00	-0.01
764		450	13 M3	+0.00	+0.02	+70.70	+0.04	-0.00	-0.01
764		0	14 M4	+0.00	-0.00	-0.03	+0.00	-0.00	-0.00
764		450	14 M4	+0.00	+0.00	-0.02	+0.00	-0.00	-0.00
764		0	15 M5	+0.00	-0.01	+0.05	+0.01	-0.00	-0.00
764		450	15 M5	+0.00	+0.01	+0.06	+0.01	-0.00	-0.00
764		0	16 M6	+0.00	-0.03	-0.12	+0.10	-0.00	-0.01
764		450	16 M6	+0.00	+0.03	-0.10	+0.10	-0.00	-0.01
764		0	17 M7	+0.00	-0.04	+135.25	+0.14	-0.00	-0.02
764		450	17 M7	+0.00	+0.04	+135.26	+0.14	-0.00	-0.02
764	487	0	M+ A	+0.00	+0.00	+629.16	+1.12	+0.00	+0.00
764	488	450	M+ A	+0.00	+0.30	+629.36	+1.12	+12.48	+0.00
764	487	0	M- A	+0.00	-0.28	+0.00	+0.00	-12.56	-0.13
764	488	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.13
765	487	0	0 G	-0.89	+4.56	-1.92	-7.16	-6.74	+0.09
765	489	321	0 G	-0.89	+4.27	-0.58	-7.16	+5.90	+0.09
765		0	1 Q1	-0.24	+1.00	-0.79	+1.72	-13.30	+0.31
765		321	1 Q1	-0.24	+0.01	+0.70	+1.72	+12.38	+0.31
765		0	11 M1	+0.00	-0.36	+1.36	+1.13	-0.05	+0.01
765		321	11 M1	+0.00	-0.39	+1.50	+1.13	-0.05	+0.01
765		0	12 M2	-0.14	+0.32	-2.90	-3.59	+0.10	-0.31
765		321	12 M2	-0.14	+1.33	-3.22	-3.59	+0.10	-0.31
765		0	13 M3	-0.12	+1.34	+1.17	+0.47	-14.50	+0.39
765		321	13 M3	-0.12	+0.10	-5.02	+0.47	+5.10	+0.39
765		0	14 M4	-0.02	+0.05	-0.29	-0.30	+0.01	-0.02
765		321	14 M4	-0.02	+0.11	-0.32	-0.30	+0.01	-0.02
765		0	15 M5	-0.04	-0.22	+0.61	+0.41	-0.02	-0.03
765		321	15 M5	-0.04	-0.13	+0.68	+0.41	-0.02	-0.03
765		0	16 M6	-0.11	-0.12	-1.18	-1.99	+0.04	-0.28
765		321	16 M6	-0.11	+0.77	-1.31	-1.99	+0.04	-0.28
765		0	17 M7	+0.09	+2.17	-9.55	-2.95	-16.74	+0.18
765		321	17 M7	+0.09	+1.60	+1.64	-2.95	+22.46	+0.18
765	487	0	M+ A	+0.00	+10.47	+0.12	+0.00	+0.00	+1.03
765	489	321	M+ A	+0.00	+8.18	+2.61	+0.00	+54.66	+1.03
765	487	0	M- A	-1.71	+0.00	-17.74	-15.05	-48.17	-0.38
765	489	321	M- A	-1.71	+0.00	-8.32	-15.05	+0.00	-0.38
766	180	0	0 G	+0.00	+0.00	-0.00	-2.24	+34.27	+0.81
766	490	555	0 G	+0.00	-4.50	+170.37	-2.24	+21.80	+0.81
766		0	1 Q1	+0.00	+0.00	-0.00	-0.40	+25.23	-0.24
766		555	1 Q1	+0.00	+1.32	+140.04	-0.40	+25.23	-0.24
766		0	11 M1	+0.00	+0.00	-0.00	+0.14	-0.07	-0.15
766		555	11 M1	+0.00	+0.81	-0.40	+0.14	-0.07	-0.15
766		0	12 M2	+0.00	+0.00	-0.00	-0.36	+0.15	+0.44
766		555	12 M2	+0.00	-2.43	+0.82	-0.36	+0.15	+0.44
766		0	13 M3	+0.00	+0.00	-0.00	-0.23	+12.43	-0.07
766		555	13 M3	+0.00	+0.40	+68.98	-0.23	+12.43	-0.07
766		0	14 M4	+0.00	+0.00	-0.00	-0.03	+0.01	+0.04
766		555	14 M4	+0.00	-0.20	+0.08	-0.03	+0.01	+0.04
766		0	15 M5	+0.00	+0.00	-0.00	+0.08	-0.04	-0.06
766		555	15 M5	+0.00	+0.34	-0.20	+0.08	-0.04	-0.06
766		0	16 M6	+0.00	+0.00	-0.00	-0.18	+0.06	+0.23
766		555	16 M6	+0.00	-1.30	+0.32	-0.18	+0.06	+0.23
766		0	17 M7	+0.00	+0.00	-0.00	-0.87	+26.60	+0.35
766		555	17 M7	+0.00	-1.96	+147.62	-0.87	+26.60	+0.35
766	180	0	M+ A	+0.00	+0.00	-0.00	+0.00	+119.54	+1.73
766	490	555	M+ A	+0.00	+0.00	+637.07	+0.00	+102.96	+1.73
766	180	0	M- A	+0.00	+0.00	-0.00	-4.82	+0.00	+0.00
766	490	555	M- A	+0.00	-9.62	-0.00	-4.82	+0.00	+0.00
767	488	0	0 G	-0.71	+10.51	-1.75	-5.98	-6.74	+3.73
767	490	321	0 G	-0.71	-1.46	-0.41	-5.98	+5.90	+3.73
767		0	1 Q1	+0.02	-0.17	-0.75	+1.95	-13.31	-0.13
767		321	1 Q1	+0.02	+0.26	+0.74	+1.95	+12.37	-0.13
767		0	11 M1	+0.03	-1.22	+1.37	+1.15	-0.05	-0.44
767		321	11 M1	+0.03	+0.20	+1.52	+1.15	-0.05	-0.44
767		0	12 M2	-0.20	+3.14	-2.87	-3.37	+0.10	+1.20
767		321	12 M2	-0.20	-0.72	-3.19	-3.37	+0.10	+1.20
767		0	13 M3	-0.09	+0.99	+1.20	+0.63	-14.50	+0.21
767		321	13 M3	-0.09	+0.32	-5.00	+0.63	+5.10	+0.21
767		0	14 M4	-0.02	+0.27	-0.29	-0.27	+0.01	+0.10
767		321	14 M4	-0.02	-0.04	-0.32	-0.27	+0.01	+0.10
767		0	15 M5	-0.02	-0.55	+0.63	+0.49	-0.02	-0.20
767		321	15 M5	-0.02	+0.10	+0.70	+0.49	-0.02	-0.20
767		0	16 M6	-0.13	+1.49	-1.15	-1.78	+0.04	+0.61
767		321	16 M6	-0.13	-0.46	-1.27	-1.78	+0.04	+0.61
767		0	17 M7	-0.54	+4.56	-9.52	-2.66	-16.74	+1.59
767		321	17 M7	-0.54	-0.53	+1.67	-2.66	+22.46	+1.59
767	488	0	M+ A	+0.00	+21.02	+0.31	+0.00	+0.00	+7.41
767	490	321	M+ A	+0.00	+0.00	+2.88	+0.00	+54.66	+7.41
767	488	0	M- A	-1.76	+0.00	-17.43	-13.12	-48.17	+0.00
767	490	321	M- A	-1.76	-3.06	-8.04	-13.12	+0.00	+0.00
768	489	0	0 G	+0.00	-0.19	+170.55	-0.35	-9.44	-0.09
768	490	450	0 G	+0.00	+0.20	+170.68	-0.35	+9.38	-0.09
768		0	1 Q1	+0.00	-0.03	+140.19	-0.10	-0.01	-0.01
768		450	1 Q1	+0.00	+0.03	+140.22	-0.10	-0.01	-0.01
768		0	11 M1	-0.00	+0.00	-0.39	+0.02	-0.00	+0.00
768		450	11 M1	-0.00	-0.00	-0.39	+0.02	-0.00	+0.00
768		0	12 M2	+0.00	-0.04	+0.82	-0.04	-0.01	-0.02
768		450	12 M2	+0.00	+0.04	+0.85	-0.04	-0.01	-0.02
768		0	13 M3	+0.00	-0.03	+70.25	+0.01	-0.00	-0.01
768		450	13 M3	+0.00	+0.03	+70.26	+0.01	-0.00	-0.01
768		0	14 M4	+0.00	-0.00	+0.08	-0.00	-0.00	-0.00
768		450	14 M4	+0.00	+0.00	+0.08	-0.00	-0.00	-0.00
768		0	15 M5	+0.00	-0.01	-0.18	+0.01	-0.00	-0.00
768		450	15 M5	+0.00	+0.01	-0.17	+0.01	-0.00	-0.00
768		0	16 M6	+0.00	-0.03	+0.33	-0.02	-0.01	-0.01
768		450	16 M6	+0.00	+0.03	+0.35	-0.02	-0.01	-0.01
768		0	17 M7	+0.00	-0.06	+145.90	-0.11	-0.01	-0.03
768		450	17 M7	+0.00	+0.06	+145.93	-0.11	-0.01	-0.03
768	489	0	M+ A	+0.00	+0.00	+634.93	+0.00	+0.00	+0.00
768	490	450	M+ A	+0.00	+0.39	+635.19	+0.00	+12.47	+0.00
768	489	0	M- A	+0.00	-0.38	+0.00	-0.76	-12.57	-0.17
768	490	450	M- A	+0.00	+0.00	+0.00	-0.76	+0.00	-0.17
769	489	0	0 G	-0.99	-0.28	-0.58	-6.22	-6.51	-0.67
769	491	322	0 G	-0.99	+1.88	-0.03	-6.22	+6.17	-0.67
769		0	1 Q1	-0.16	+1.30	+0.70	+1.51	-12.86	+0.48

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
769		322	1 Q1	-0.16	-0.25	+0.64	+1.51	+12.90	+0.48
769		0	11 M1	-0.00	+0.40	+1.50	+0.99	+0.02	+0.18
769		322	11 M1	-0.00	-0.18	+1.42	+0.99	+0.02	+0.18
769		0	12 M2	-0.19	-1.10	-3.22	-3.13	-0.05	-0.61
769		322	12 M2	-0.19	+0.85	-3.05	-3.13	-0.05	-0.61
769		0	13 M3	+1.12	+0.50	-5.02	+0.41	-7.33	+0.21
769		322	13 M3	+1.12	-0.19	+5.83	+0.41	+12.27	+0.21
769		0	14 M4	-0.02	-0.09	-0.32	-0.26	-0.01	-0.05
769		322	14 M4	-0.02	+0.07	-0.31	-0.26	-0.01	-0.05
769		0	15 M5	-0.06	+0.18	+0.68	+0.36	+0.01	+0.06
769		322	15 M5	-0.06	-0.01	+0.64	+0.36	+0.01	+0.06
769		0	16 M6	-0.15	-0.55	-1.31	-1.73	-0.02	-0.35
769		322	16 M6	-0.15	+0.56	-1.24	-1.73	-0.02	-0.35
769		0	17 M7	-1.68	-0.33	+1.64	-2.57	-4.14	-0.29
769		322	17 M7	-1.68	+0.59	-9.15	-2.57	+15.46	-0.29
769	489	0	M+ A	+0.69	+2.19	+2.61	+0.00	+0.00	+0.27
769	491	322	M+ A	+0.69	+3.82	+9.39	+0.00	+45.06	+0.27
769	489	0	M- A	-4.01	-2.02	-8.32	-13.09	-35.78	-1.82
769	491	322	M- A	-4.01	+0.00	-13.76	-13.09	+0.00	-1.82
770	181	0	0 G	+0.00	+0.00	-0.00	-1.29	+34.36	+0.81
770	492	555	0 G	+0.00	-4.49	+170.86	-1.29	+21.89	+0.81
770		0	1 Q1	+0.00	+0.00	-0.00	-0.17	+25.23	-0.24
770		555	1 Q1	+0.00	+1.32	+140.03	-0.17	+25.23	-0.24
770		0	11 M1	+0.00	+0.00	-0.00	+0.09	-0.13	-0.15
770		555	11 M1	+0.00	+0.81	-0.71	+0.09	-0.13	-0.15
770		0	12 M2	+0.00	+0.00	-0.00	-0.26	+0.27	+0.44
770		555	12 M2	+0.00	-2.42	+1.48	-0.26	+0.27	+0.44
770		0	13 M3	+0.00	+0.00	-0.00	-0.10	+20.86	-0.07
770		555	13 M3	+0.00	+0.40	+115.80	-0.10	+20.86	-0.07
770		0	14 M4	+0.00	+0.00	-0.00	-0.02	+0.03	+0.04
770		555	14 M4	+0.00	-0.20	+0.15	-0.02	+0.03	+0.04
770		0	15 M5	+0.00	+0.00	-0.00	+0.05	-0.06	-0.06
770		555	15 M5	+0.00	+0.34	-0.34	+0.05	-0.06	-0.06
770		0	16 M6	+0.00	+0.00	-0.00	-0.14	+0.10	+0.23
770		555	16 M6	+0.00	-1.30	+0.58	-0.14	+0.10	+0.23
770		0	17 M7	+0.00	+0.00	-0.00	-0.50	+17.15	+0.35
770		555	17 M7	+0.00	-1.95	+95.17	-0.50	+17.15	+0.35
770	181	0	M+ A	+0.00	+0.00	-0.00	+0.00	+111.06	+1.73
770	492	555	M+ A	+0.00	+0.00	+589.97	+0.00	+94.47	+1.73
770	181	0	M- A	+0.00	+0.00	-0.00	-2.69	+0.00	+0.00
770	492	555	M- A	+0.00	-9.60	-0.00	-2.69	+0.00	+0.00
771	490	0	0 G	-1.02	+3.23	-0.41	-5.25	-6.52	+1.83
771	492	322	0 G	-1.02	-2.68	+0.19	-5.25	+6.16	+1.83
771		0	1 Q1	-0.16	-1.03	+0.74	+1.70	-12.86	-0.43
771		322	1 Q1	-0.16	+0.35	+0.69	+1.70	+12.90	-0.43
771		0	11 M1	+0.01	-0.61	+1.52	+1.01	+0.03	-0.31
771		322	11 M1	+0.01	+0.40	+1.43	+1.01	+0.03	-0.31
771		0	12 M2	-0.23	+1.74	-3.19	-2.95	-0.06	+0.88
771		322	12 M2	-0.23	-1.08	-3.01	-2.95	-0.06	+0.88
771		0	13 M3	-1.38	-0.05	-5.00	+0.55	-7.33	-0.03
771		322	13 M3	-1.38	+0.05	+5.86	+0.55	+12.27	-0.03
771		0	14 M4	-0.03	+0.16	-0.32	-0.24	-0.01	+0.07
771		322	14 M4	-0.03	-0.08	-0.30	-0.24	-0.01	+0.07
771		0	15 M5	-0.05	-0.23	+0.70	+0.43	+0.01	-0.14
771		322	15 M5	-0.05	+0.21	+0.66	+0.43	+0.01	-0.14
771		0	16 M6	-0.17	+0.87	-1.27	-1.56	-0.02	+0.44
771		322	16 M6	-0.17	-0.56	-1.20	-1.56	-0.02	+0.44
771		0	17 M7	+1.16	+1.49	+1.67	-2.34	-4.14	+0.83
771		322	17 M7	+1.16	-1.18	-9.10	-2.34	+15.46	+0.83
771	490	0	M+ A	+0.71	+6.98	+2.88	+0.00	+0.00	+3.79
771	492	322	M+ A	+0.71	+0.00	+9.76	+0.00	+45.04	+3.79
771	490	0	M- A	-3.61	+0.00	-8.04	-11.51	-35.80	+0.00
771	492	322	M- A	-3.61	-5.39	-13.47	-11.51	+0.00	+0.00
772	491	0	0 G	+0.00	-0.19	+171.21	-1.04	-9.39	-0.09
772	492	450	0 G	+0.00	+0.20	+171.15	-1.04	+9.42	-0.09
772		0	1 Q1	+0.00	-0.03	+140.26	-0.03	-0.00	-0.01
772		450	1 Q1	+0.00	+0.03	+140.28	-0.03	-0.00	-0.01
772		0	11 M1	-0.00	+0.00	-0.70	+0.09	-0.00	+0.00
772		450	11 M1	-0.00	-0.00	-0.68	+0.09	-0.00	+0.00
772		0	12 M2	+0.00	-0.04	+1.49	-0.32	+0.00	-0.02
772		450	12 M2	+0.00	+0.04	+1.47	-0.32	+0.00	-0.02
772		0	13 M3	+0.00	-0.03	+113.07	+0.03	+0.00	-0.01
772		450	13 M3	+0.00	+0.03	+113.06	+0.03	+0.00	-0.01
772		0	14 M4	+0.00	-0.00	+0.15	-0.02	+0.00	-0.00
772		450	14 M4	+0.00	+0.00	+0.15	-0.02	+0.00	-0.00
772		0	15 M5	+0.00	-0.01	-0.32	+0.04	-0.00	-0.00
772		450	15 M5	+0.00	+0.01	-0.31	+0.04	-0.00	-0.00
772		0	16 M6	+0.00	-0.03	+0.60	-0.19	-0.00	-0.01
772		450	16 M6	+0.00	+0.03	+0.60	-0.19	-0.00	-0.01
772		0	17 M7	+0.00	-0.06	+97.27	-0.37	+0.01	-0.03
772		450	17 M7	+0.00	+0.06	+97.22	-0.37	+0.01	-0.03
772	491	0	M+ A	+0.00	+0.00	+586.68	+0.00	+0.00	+0.00
772	492	450	M+ A	+0.00	+0.39	+586.59	+0.00	+12.55	+0.00
772	491	0	M- A	+0.00	-0.39	+0.00	-1.98	-12.50	-0.17
772	492	450	M- A	+0.00	+0.00	+0.00	-1.98	+0.00	-0.17
773	491	0	0 G	-1.07	-2.65	-0.03	-5.28	-6.41	-1.63
773	493	321	0 G	-1.07	+2.59	+0.26	-5.28	+6.23	-1.63
773		0	1 Q1	-0.00	+1.04	+0.64	+1.30	-12.34	+0.57
773		321	1 Q1	-0.00	-0.79	-0.95	+1.30	+13.34	+0.57
773		0	11 M1	+0.01	+0.61	+1.42	+0.84	+0.16	+0.32
773		321	11 M1	+0.01	-0.41	+0.92	+0.84	+0.16	+0.32
773		0	12 M2	-0.27	-1.57	-3.05	-2.67	-0.34	-0.95
773		321	12 M2	-0.27	+1.47	-1.96	-2.67	-0.34	-0.95
773		0	13 M3	-1.67	+0.21	+5.83	+0.36	-8.60	+0.16
773		321	13 M3	-1.67	-0.29	-1.83	+0.36	+11.00	+0.16
773		0	14 M4	-0.03	-0.13	-0.31	-0.22	-0.03	-0.08
773		321	14 M4	-0.03	+0.13	-0.20	-0.22	-0.03	-0.08
773		0	15 M5	-0.07	+0.29	+0.64	+0.31	+0.07	+0.13
773		321	15 M5	-0.07	-0.11	+0.41	+0.31	+0.07	+0.13
773		0	16 M6	-0.21	-0.76	-1.24	-1.47	-0.14	-0.50
773		321	16 M6	-0.21	+0.85	-0.80	-1.47	-0.14	-0.50
773		0	17 M7	+0.31	-1.33	-9.15	-2.18	-1.71	-0.73
773		321	17 M7	+0.31	+1.00	-3.65	-2.18	-1.71	-0.73
773	491	0	M+ A	+0.00	+0.00	+9.39	+0.00	+0.00	+0.00
773	493	321	M+ A	+0.00	+5.69	+1.73	+0.00	+39.96	+0.00
773	491	0	M- A	-3.95	-5.93	-13.77	-11.13	-36.20	-3.62
773	493	321	M- A	-3.95	+0.00	-6.21	-11.13	+0.00	-3.62

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
774	182	0	0 G	+0.00	+0.00	-0.00	-0.83	+35.30	+0.81
774	494	555	0 G	+0.00	-4.47	+176.06	-0.83	+22.83	+0.81
774		0	1 Q1	+0.00	+0.00	-0.00	+0.14	+26.62	-0.24
774		555	1 Q1	+0.00	+1.32	+147.74	+0.14	+26.62	-0.24
774		0	11 M1	+0.00	+0.00	-0.00	+0.12	-0.06	-0.15
774		555	11 M1	+0.00	+0.81	-0.31	+0.12	-0.06	-0.15
774		0	12 M2	+0.00	+0.00	-0.00	-0.37	+0.12	+0.43
774		555	12 M2	+0.00	-2.41	+0.65	-0.37	+0.12	+0.43
774		0	13 M3	+0.00	+0.00	-0.00	+0.04	+11.07	-0.07
774		555	13 M3	+0.00	+0.40	+61.42	+0.04	+11.07	-0.07
774		0	14 M4	+0.00	+0.00	-0.00	-0.03	+0.01	+0.04
774		555	14 M4	+0.00	-0.20	+0.06	-0.03	+0.01	+0.04
774		0	15 M5	+0.00	+0.00	-0.00	+0.05	-0.03	-0.06
774		555	15 M5	+0.00	+0.33	-0.15	+0.05	-0.03	-0.06
774		0	16 M6	+0.00	+0.00	-0.00	-0.20	+0.05	+0.23
774		555	16 M6	+0.00	-1.29	+0.26	-0.20	+0.05	+0.23
774		0	17 M7	+0.00	+0.00	-0.00	-0.34	+21.21	+0.35
774		555	17 M7	+0.00	-1.95	+117.71	-0.34	+21.21	+0.35
774	182	0	M+ A	+0.00	+0.00	-0.00	+0.00	+114.70	+1.72
774	494	555	M+ A	+0.00	+0.00	+610.18	+0.00	+98.11	+1.72
774	182	0	M- A	+0.00	+0.00	-0.00	-1.66	+0.00	+0.00
774	494	555	M- A	+0.00	-9.57	-0.00	-1.66	+0.00	+0.00
775	492	0	0 G	-1.31	+2.01	+0.19	-4.53	-6.31	+1.58
775	494	321	0 G	-1.31	-3.08	+0.17	-4.53	+6.33	+1.58
775		0	1 Q1	-0.41	-0.94	+0.69	+1.45	-12.34	-0.57
775		321	1 Q1	-0.41	+0.90	-0.93	+1.45	+13.34	-0.57
775		0	11 M1	-0.02	-0.41	+1.43	+0.86	+0.15	-0.31
775		321	11 M1	-0.02	+0.59	+0.95	+0.86	+0.15	-0.31
775		0	12 M2	-0.21	+1.38	-3.01	-2.53	-0.32	+0.94
775		321	12 M2	-0.21	-1.62	-1.99	-2.53	-0.32	+0.94
775		0	13 M3	+1.36	-0.33	+5.86	+0.46	-8.59	-0.16
775		321	13 M3	+1.36	+0.19	-1.84	+0.46	+11.01	-0.16
775		0	14 M4	-0.03	+0.12	-0.30	-0.21	-0.03	+0.08
775		321	14 M4	-0.03	-0.13	-0.20	-0.21	-0.03	+0.08
775		0	15 M5	-0.08	-0.12	+0.66	+0.37	+0.07	-0.13
775		321	15 M5	-0.08	+0.28	+0.44	+0.37	+0.07	-0.13
775		0	16 M6	-0.19	+0.77	-1.20	-1.34	-0.13	+0.50
775		321	16 M6	-0.19	-0.82	-0.79	-1.34	-0.13	+0.50
775		0	17 M7	-0.89	+0.83	-9.10	-2.01	-1.68	+0.71
775		321	17 M7	-0.89	-1.44	-3.72	-2.01	-1.68	+0.71
775	492	0	M+ A	+0.73	+4.78	+9.77	+0.00	+0.00	+3.54
775	494	321	M+ A	+0.73	+0.00	+1.65	+0.00	+40.12	+3.54
775	492	0	M- A	-3.53	+0.00	-13.47	-9.91	-36.05	+0.00
775	494	321	M- A	-3.53	-6.58	-6.38	-9.91	+0.00	+0.00
776	493	0	0 G	+0.00	-0.19	+174.91	-1.60	-9.58	-0.08
776	494	450	0 G	+0.00	+0.19	+175.69	-1.60	+9.23	-0.08
776		0	1 Q1	+0.00	-0.03	+147.24	+0.26	-0.01	-0.01
776		450	1 Q1	+0.00	+0.03	+147.30	+0.26	-0.01	-0.01
776		0	11 M1	+0.00	+0.00	-0.22	+0.22	+0.02	+0.00
776		450	11 M1	+0.00	-0.00	-0.29	+0.22	+0.02	+0.00
776		0	12 M2	+0.00	-0.04	+0.47	-0.71	-0.04	-0.02
776		450	12 M2	+0.00	+0.04	+0.65	-0.71	-0.04	-0.02
776		0	13 M3	+0.00	-0.03	+61.17	+0.10	-0.03	-0.01
776		450	13 M3	+0.00	+0.03	+61.29	+0.10	-0.03	-0.01
776		0	14 M4	+0.00	-0.00	+0.04	-0.06	-0.00	-0.00
776		450	14 M4	+0.00	+0.00	+0.06	-0.06	-0.00	-0.00
776		0	15 M5	+0.00	-0.01	-0.10	+0.09	+0.01	-0.00
776		450	15 M5	+0.00	+0.01	-0.13	+0.09	+0.01	-0.00
776		0	16 M6	+0.00	-0.03	+0.19	-0.40	-0.02	-0.01
776		450	16 M6	+0.00	+0.03	+0.27	-0.40	-0.02	-0.01
776		0	17 M7	+0.00	-0.05	+117.65	-0.64	-0.07	-0.02
776		450	17 M7	+0.00	+0.06	+117.98	-0.64	-0.07	-0.02
776	493	0	M+ A	+0.00	+0.00	+607.89	+0.00	+0.00	+0.00
776	494	450	M+ A	+0.00	+0.37	+609.49	+0.00	+12.30	+0.00
776	493	0	M- A	+0.00	-0.37	+0.00	-3.20	-12.87	-0.17
776	494	450	M- A	+0.00	+0.00	+0.00	-3.20	+0.00	-0.17
777	493	0	0 G	-1.74	-1.94	+0.26	-4.35	-6.93	-2.49
777	495	322	0 G	-1.74	+6.07	+2.17	-4.35	+5.75	-2.49
777		0	1 Q1	-0.51	+0.50	-0.95	+1.08	-13.27	+0.69
777		322	1 Q1	-0.51	-1.73	+0.32	+1.08	+12.49	+0.69
777		0	11 M1	+0.02	+0.37	+0.92	+0.70	+0.18	+0.44
777		322	11 M1	+0.02	-1.03	+0.33	+0.70	+0.18	+0.44
777		0	12 M2	-0.33	-0.95	-1.96	-2.21	-0.40	-1.31
777		322	12 M2	-0.33	+3.26	-0.69	-2.21	-0.40	-1.31
777		0	13 M3	-1.84	+0.11	-1.83	+0.30	-0.03	+0.20
777		322	13 M3	-1.84	-0.52	-1.73	+0.30	-0.03	+0.20
777		0	14 M4	-0.04	-0.07	-0.20	-0.19	-0.04	-0.11
777		322	14 M4	-0.04	+0.28	-0.07	-0.19	-0.04	-0.11
777		0	15 M5	-0.08	+0.19	+0.41	+0.26	+0.08	+0.18
777		322	15 M5	-0.08	-0.37	+0.15	+0.26	+0.08	+0.18
777		0	16 M6	-0.25	-0.46	-0.80	-1.22	-0.16	-0.70
777		322	16 M6	-0.25	+1.80	-0.28	-1.22	-0.16	-0.70
777		0	17 M7	+0.51	-0.92	-3.65	-1.80	-22.80	-1.07
777		322	17 M7	+0.51	+2.53	+1.77	-1.80	+16.40	-1.07
777	493	0	M+ A	+0.00	+0.00	+1.73	+0.00	+0.00	+0.00
777	495	322	M+ A	+0.00	+13.09	+5.91	+0.00	+45.46	+0.00
777	493	0	M- A	-5.65	-4.04	-6.21	-9.19	-57.50	-5.32
777	495	322	M- A	-5.65	+0.00	-0.43	-9.19	+0.00	-5.32
778	183	0	0 G	+0.00	+0.00	-0.00	-1.39	+32.77	+0.80
778	496	555	0 G	+0.00	-4.45	+162.03	-1.39	+20.30	+0.80
778		0	1 Q1	+0.00	+0.00	-0.00	+0.42	+25.20	-0.24
778		555	1 Q1	+0.00	+1.31	+139.85	+0.42	+25.20	-0.24
778		0	11 M1	+0.00	+0.00	-0.00	+0.25	+0.13	-0.14
778		555	11 M1	+0.00	+0.80	+0.72	+0.25	+0.13	-0.14
778		0	12 M2	+0.00	+0.00	-0.00	-0.76	-0.30	+0.43
778		555	12 M2	+0.00	-2.40	-1.64	-0.76	-0.30	+0.43
778		0	13 M3	+0.00	+0.00	-0.00	+0.13	+0.43	-0.07
778		555	13 M3	+0.00	+0.40	+2.40	+0.13	+0.43	-0.07
778		0	14 M4	+0.00	+0.00	-0.00	-0.06	-0.03	+0.04
778		555	14 M4	+0.00	-0.20	-0.15	-0.06	-0.03	+0.04
778		0	15 M5	+0.00	+0.00	-0.00	+0.10	+0.06	-0.06
778		555	15 M5	+0.00	+0.33	+0.34	+0.10	+0.06	-0.06
778		0	16 M6	+0.00	+0.00	-0.00	-0.41	-0.12	+0.23
778		555	16 M6	+0.00	-1.29	-0.68	-0.41	-0.12	+0.23
778		0	17 M7	+0.00	+0.00	-0.00	-0.60	+27.04	+0.35
778		555	17 M7	+0.00	-1.94	+150.06	-0.60	+27.04	+0.35
778	183	0	M+ A	+0.00	+0.00	-0.00	+0.00	+118.16	+1.72

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
778	496	555	M+ A	+0.00	+0.00	+629.38	+0.00	+101.57	+1.72
778	183	0	M- A	+0.00	+0.00	-0.00	-2.99	+0.00	+0.00
778	496	555	M- A	+0.00	-9.52	-0.00	-2.99	+0.00	+0.00
779	494	0	0 G	-0.94	+1.58	+0.17	-3.81	-7.27	+2.35
779	496	322	0 G	-0.94	-5.99	+3.17	-3.81	+5.41	+2.35
779		0	1 Q1	+0.03	-0.38	-0.93	+1.20	-13.29	-0.69
779		322	1 Q1	+0.03	+1.85	+0.38	+1.20	+12.47	-0.69
779		0	11 M1	-0.04	-0.22	+0.95	+0.72	+0.22	-0.42
779		322	11 M1	-0.04	+1.12	+0.24	+0.72	+0.22	-0.42
779		0	12 M2	-0.21	+0.83	-1.99	-2.11	-0.48	+1.28
779		322	12 M2	-0.21	-3.28	-0.46	-2.11	-0.48	+1.28
779		0	13 M3	+1.49	-0.18	-1.84	+0.38	-0.08	-0.22
779		322	13 M3	+1.49	+0.52	-1.58	+0.38	-0.08	-0.22
779		0	14 M4	-0.03	+0.07	-0.20	-0.17	-0.05	+0.11
779		322	14 M4	-0.03	-0.27	-0.05	-0.17	-0.05	+0.11
779		0	15 M5	-0.10	-0.04	+0.44	+0.30	+0.10	-0.16
779		322	15 M5	-0.10	+0.48	+0.11	+0.30	+0.10	-0.16
779		0	16 M6	-0.20	+0.50	-0.79	-1.12	-0.19	+0.69
779		322	16 M6	-0.20	-1.73	-0.18	-1.12	-0.19	+0.69
779		0	17 M7	-1.15	+0.56	-3.72	-1.68	-22.96	+1.00
779		322	17 M7	-1.15	-2.67	+2.20	-1.68	+16.24	+1.00
779	494	0	M+ A	+1.33	+3.39	+1.65	+0.00	+0.00	+5.09
779	496	322	M+ A	+1.33	+0.00	+7.98	+0.00	+44.76	+5.09
779	494	0	M- A	-3.00	+0.00	-6.38	-8.31	-58.21	+0.00
779	496	322	M- A	-3.00	-13.01	+0.00	-8.31	+0.00	+0.00
780	495	0	0 G	+0.00	-0.19	+161.92	-1.41	-9.25	-0.08
780	496	450	0 G	+0.00	+0.18	+161.23	-1.41	+9.56	-0.08
780		0	1 Q1	+0.00	-0.03	+138.02	+0.34	+0.01	-0.01
780		450	1 Q1	+0.00	+0.03	+137.99	+0.34	+0.01	-0.01
780		0	11 M1	-0.00	+0.00	+0.63	+0.23	-0.02	+0.00
780		450	11 M1	-0.00	+0.00	+0.71	+0.23	-0.02	+0.00
780		0	12 M2	+0.00	-0.04	-1.44	-0.71	+0.04	-0.02
780		450	12 M2	+0.00	+0.03	-1.60	-0.71	+0.04	-0.02
780		0	13 M3	+0.00	-0.03	+4.02	+0.11	+0.02	-0.01
780		450	13 M3	+0.00	+0.03	+3.91	+0.11	+0.02	-0.01
780		0	14 M4	+0.00	-0.00	-0.13	-0.06	+0.00	-0.00
780		450	14 M4	+0.00	+0.00	-0.15	-0.06	+0.00	-0.00
780		0	15 M5	+0.00	-0.01	+0.30	+0.09	-0.01	-0.00
780		450	15 M5	+0.00	+0.01	+0.34	+0.09	-0.01	-0.00
780		0	16 M6	+0.00	-0.03	-0.60	-0.39	+0.01	-0.01
780		450	16 M6	+0.00	+0.03	-0.66	-0.39	+0.01	-0.01
780		0	17 M7	+0.00	-0.06	+146.59	-0.59	+0.07	-0.02
780		450	17 M7	+0.00	+0.05	+146.28	-0.59	+0.07	-0.02
780	495	0	M+ A	+0.00	+0.00	+621.57	+0.00	+0.00	+0.00
780	496	450	M+ A	+0.00	+0.36	+620.13	+0.00	+12.83	+0.00
780	495	0	M- A	+0.00	-0.38	+0.00	-2.93	-12.33	-0.16
780	496	450	M- A	+0.00	+0.00	+0.00	-2.93	+0.00	-0.16
781	495	0	0 G	-3.76	+1.57	+2.16	-3.42	-5.64	-2.34
781	497	321	0 G	-3.76	+9.07	-0.00	-3.42	+7.00	-2.34
781		0	1 Q1	-2.45	-0.46	+0.32	+0.87	-12.74	+0.63
781		321	1 Q1	-2.45	-2.49	-0.01	+0.87	+12.94	+0.63
781		0	11 M1	+0.11	-0.25	+0.33	+0.56	+0.10	+0.40
781		321	11 M1	+0.11	-1.55	+0.00	+0.56	+0.10	+0.40
781		0	12 M2	-0.56	+0.86	-0.69	-1.75	-0.21	-1.22
781		321	12 M2	-0.56	+4.78	-0.00	-1.75	-0.21	-1.22
781		0	13 M3	-0.51	-0.13	-1.73	+0.25	-0.54	+0.19
781		321	13 M3	-0.51	-0.75	+0.00	+0.25	-0.54	+0.19
781		0	14 M4	-0.06	+0.08	-0.07	-0.15	-0.02	-0.10
781		321	14 M4	-0.06	+0.40	-0.00	-0.15	-0.02	-0.10
781		0	15 M5	-0.04	-0.07	+0.15	+0.21	+0.05	+0.16
781		321	15 M5	-0.04	-0.60	+0.00	+0.21	+0.05	+0.16
781		0	16 M6	-0.35	+0.49	-0.28	-0.96	-0.09	-0.66
781		321	16 M6	-0.35	+2.61	-0.00	-0.96	-0.09	-0.66
781		0	17 M7	-3.79	+0.62	+1.77	-1.42	-10.86	-1.00
781		321	17 M7	-3.79	+3.83	-0.01	-1.42	+8.74	-1.00
781	495	0	M+ A	+0.00	+3.41	+5.91	+0.00	+0.00	+0.00
781	497	321	M+ A	+0.00	+19.42	+0.00	+0.00	+38.03	+0.00
781	495	0	M- A	-13.34	+0.00	-0.43	-7.25	-38.13	-4.99
781	497	321	M- A	-13.34	+0.00	-0.03	-7.25	+0.00	-4.99
782	184	0	0 G	-0.00	+8.78	-91.90	-0.69	+35.52	+3.17
782	498	555	0 G	-0.00	-8.81	+85.40	-0.69	+23.05	+3.17
782		0	1 Q1	-0.01	-2.58	-13.15	+0.17	+13.35	-0.93
782		555	1 Q1	-0.01	+2.59	+60.93	+0.17	+13.35	-0.93
782		0	11 M1	+0.00	-1.59	+7.59	+0.11	-0.56	-0.57
782		555	11 M1	+0.00	+1.59	+4.50	+0.11	-0.56	-0.57
782		0	12 M2	-0.00	+4.74	-17.22	-0.35	+1.31	+1.71
782		555	12 M2	-0.00	-4.75	-9.94	-0.35	+1.31	+1.71
782		0	13 M3	+0.00	-0.79	-9.07	+0.05	+0.47	-0.28
782		555	13 M3	+0.00	+0.79	-6.44	+0.05	+0.47	-0.28
782		0	14 M4	-0.00	+0.39	-1.53	-0.03	+0.11	+0.14
782		555	14 M4	-0.00	-0.39	-0.90	-0.03	+0.11	+0.14
782		0	15 M5	+0.00	-0.66	+3.69	+0.04	-0.27	-0.24
782		555	15 M5	+0.00	+0.66	+2.21	+0.04	-0.27	-0.24
782		0	16 M6	+0.00	+2.54	-7.15	-0.20	+0.56	+0.92
782		555	16 M6	+0.00	-2.55	-4.02	-0.20	+0.56	+0.92
782		0	17 M7	-0.01	+3.82	-36.87	-0.28	+11.63	+1.38
782		555	17 M7	-0.01	-3.84	+27.67	-0.28	+11.63	+1.38
782	184	0	M+ A	+0.00	+18.79	-0.00	+0.00	+82.70	+6.78
782	498	555	M+ A	+0.00	+0.00	+237.34	+0.00	+66.12	+6.78
782	184	0	M- A	-0.03	+0.00	-195.28	-1.46	+0.00	+0.00
782	498	555	M- A	-0.03	-18.85	-0.00	-1.46	+0.00	+0.00
783	496	0	0 G	-0.14	-1.36	+3.17	-3.09	-5.33	+2.37
783	498	321	0 G	-0.14	-8.97	-0.01	-3.09	+7.31	+2.37
783		0	1 Q1	+1.89	+0.57	+0.38	+0.95	-12.72	-0.62
783		321	1 Q1	+1.89	+2.55	-0.01	+0.95	+12.96	-0.62
783		0	11 M1	-0.03	+0.32	+0.24	+0.57	+0.07	-0.39
783		321	11 M1	-0.03	+1.59	+0.00	+0.57	+0.07	-0.39
783		0	12 M2	-0.25	-0.85	-0.46	-1.69	-0.14	+1.22
783		321	12 M2	-0.25	-4.78	-0.00	-1.69	-0.14	+1.22
783		0	13 M3	-0.03	+0.15	-1.58	+0.30	-0.49	-0.19
783		321	13 M3	-0.03	+0.76	-0.00	+0.30	-0.49	-0.19
783		0	14 M4	-0.03	-0.07	-0.05	-0.14	-0.02	+0.10
783		321	14 M4	-0.03	-0.39	-0.00	-0.14	-0.02	+0.10
783		0	15 M5	-0.10	+0.16	+0.11	+0.24	+0.03	-0.15
783		321	15 M5	-0.10	+0.65	+0.00	+0.24	+0.03	-0.15
783		0	16 M6	-0.22	-0.42	-0.18	-0.90	-0.05	+0.67

BARRA	NN	x(cm)	HIP	Mx(mT)	My	Mz	Fx(T)	Vy	Vz
783		321	16 M6	-0.22	-2.57	-0.00	-0.90	-0.05	+0.67
783		0	17 M7	+2.63	-0.68	+2.20	-1.36	-10.73	+0.99
783		321	17 M7	+2.63	-3.88	-0.01	-1.36	+8.87	+0.99
783	496	0	M+ A	+5.79	+0.00	+7.98	+0.00	+0.00	+5.03
783	498	321	M+ A	+5.79	+0.00	+0.00	+0.00	+38.62	+5.03
783	496	0	M- A	-0.56	-3.11	+0.00	-6.71	-37.54	+0.00
783	498	321	M- A	-0.56	-19.27	-0.03	-6.71	+0.00	+0.00
784	497	0	0 G	+0.00	-0.21	+113.77	+1.67	-3.07	-0.08
784	498	450	0 G	+0.00	+0.16	+85.26	+1.67	+15.74	-0.08
784		0	1 Q1	+0.00	-0.02	+64.55	-0.44	+0.39	-0.01
784		450	1 Q1	+0.00	+0.04	+62.82	-0.44	+0.39	-0.01
784		0	11 M1	-0.00	+0.01	+1.64	-0.28	-0.63	+0.00
784		450	11 M1	-0.00	+0.00	+4.47	-0.28	-0.63	+0.00
784		0	12 M2	+0.00	-0.05	-3.64	+0.87	+1.45	-0.02
784		450	12 M2	+0.00	+0.02	-10.18	+0.87	+1.45	-0.02
784		0	13 M3	+0.00	-0.02	-2.13	-0.14	+0.96	-0.01
784		450	13 M3	+0.00	+0.03	-6.47	-0.14	+0.96	-0.01
784		0	14 M4	+0.00	-0.00	-0.34	+0.07	+0.13	-0.00
784		450	14 M4	+0.00	+0.00	-0.93	+0.07	+0.13	-0.00
784		0	15 M5	+0.00	-0.01	+0.76	-0.11	-0.30	-0.00
784		450	15 M5	+0.00	+0.01	+2.11	-0.11	-0.30	-0.00
784		0	16 M6	+0.00	-0.04	-1.47	+0.47	+0.62	-0.01
784		450	16 M6	+0.00	+0.02	-4.25	+0.47	+0.62	-0.01
784		0	17 M7	+0.00	-0.06	+42.71	+0.71	+2.76	-0.02
784		450	17 M7	+0.00	+0.04	+30.30	+0.71	+2.76	-0.02
784	497	0	M+ A	+0.00	+0.00	+302.52	+3.53	+1.58	+0.00
784	498	450	M+ A	+0.00	+0.32	+243.65	+3.53	+25.59	+0.00
784	497	0	M- A	+0.00	-0.41	+0.00	+0.00	-5.03	-0.16
784	498	450	M- A	+0.00	+0.00	+0.00	+0.00	+0.00	-0.16

9- ANÁLISIS DINÁMICO

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*****************************************************
*                                                   *
*           STAAD.Pro                               *
*           Version  2003    Bld 1003.UK.1005       *
*           Proprietary Program of                  *
*           Research Engineers,  Intl.              *
*           Date=    MAY 24, 2010                   *
*           Time=    12:50:30                       *
*                                                   *
*                                                   *
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INPUT FILE: DIN_VTO_AP7.STD
     2. START JOB INFORMATION
     3. ENGINEER DATE
     4. END JOB INFORMATION
     5. INPUT WIDTH 79
     6. UNIT METER KN
     7. JOINT COORDINATES
     8. 1   191.000 0.000   -19.800
     9. 2   116.000 0.000   -17.800
    10. 3   0.000   0.000   -15.600
    11. 4   3.210   0.000   -15.600
    12. 5   6.430   0.000   -15.600
    13. 6   9.640   0.000   -15.600
    14. 7   12.860  0.000   -15.600
    15. 8   16.070  0.000   -15.600
    16. 9   19.290  0.000   -15.600
    17. 10  22.500  0.000   -15.600
    18. 11  25.710  0.000   -15.600
    19. 12  28.930  0.000   -15.600
    20. 13  32.140  0.000   -15.600
    21. 14  35.360  0.000   -15.600
    22. 15  38.570  0.000   -15.600
    23. 16  41.790  0.000   -15.600
    24. 17  45.000  0.000   -15.600
    25. 18  48.550  0.000   -15.600
    26. 19  52.100  0.000   -15.600
    27. 20  55.650  0.000   -15.600
    28. 21  59.200  0.000   -15.600
    29. 22  62.750  0.000   -15.600
    30. 23  66.300  0.000   -15.600
    31. 24  69.850  0.000   -15.600
    32. 25  73.400  0.000   -15.600
    33. 26  76.950  0.000   -15.600
    34. 27  80.500  0.000   -15.600
    35. 28  84.050  0.000   -15.600
    36. 29  87.600  0.000   -15.600
    37. 30  91.150  0.000   -15.600
    38. 31  94.700  0.000   -15.600
    39. 32  98.250  0.000   -15.600
    40. 33  101.800 0.000   -15.600
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41.	34	105.350	0.000	-15.600
42.	35	108.900	0.000	-15.600
43.	36	112.450	0.000	-15.600
44.	37	116.000	0.000	-15.600
45.	38	119.570	0.000	-15.600
46.	39	123.140	0.000	-15.600
47.	40	126.710	0.000	-15.600
48.	41	130.290	0.000	-15.600
49.	42	133.860	0.000	-15.600
50.	43	137.430	0.000	-15.600
51.	44	141.000	0.000	-15.600
52.	45	144.570	0.000	-15.600
53.	46	148.140	0.000	-15.600
54.	47	151.710	0.000	-15.600
55.	48	155.290	0.000	-15.600
56.	49	158.860	0.000	-15.600
57.	50	162.430	0.000	-15.600
58.	51	166.000	0.000	-15.600
59.	52	169.570	0.000	-15.600
60.	53	173.140	0.000	-15.600
61.	54	176.710	0.000	-15.600
62.	55	180.290	0.000	-15.600
63.	56	183.860	0.000	-15.600
64.	57	187.430	0.000	-15.600
65.	58	191.000	0.000	-15.600
66.	59	194.550	0.000	-15.600
67.	60	198.100	0.000	-15.600
68.	61	201.650	0.000	-15.600
69.	62	205.200	0.000	-15.600
70.	63	208.750	0.000	-15.600
71.	64	212.300	0.000	-15.600
72.	65	215.850	0.000	-15.600
73.	66	219.400	0.000	-15.600
74.	67	222.950	0.000	-15.600
75.	68	226.500	0.000	-15.600
76.	69	230.050	0.000	-15.600
77.	70	233.600	0.000	-15.600
78.	71	237.150	0.000	-15.600
79.	72	240.700	0.000	-15.600
80.	73	244.250	0.000	-15.600
81.	74	247.800	0.000	-15.600
82.	75	251.350	0.000	-15.600
83.	76	254.900	0.000	-15.600
84.	77	258.450	0.000	-15.600
85.	78	262.000	0.000	-15.600
86.	79	265.210	0.000	-15.600
87.	80	268.430	0.000	-15.600
88.	81	271.640	0.000	-15.600
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90.	83	278.070	0.000	-15.600
91.	84	281.290	0.000	-15.600
92.	85	284.500	0.000	-15.600
93.	86	287.710	0.000	-15.600
94.	87	290.930	0.000	-15.600
95.	88	294.140	0.000	-15.600
96.	89	297.360	0.000	-15.600

97.	90	300.570	0.000	-15.600
98.	91	303.790	0.000	-15.600
99.	92	307.000	0.000	-15.600
100.	93	45.000	0.000	-13.400
101.	94	262.000	0.000	-2.160
102.	95	0.000	0.000	0.000
103.	96	3.210	0.000	0.000
104.	97	6.430	0.000	0.000
105.	98	9.640	0.000	0.000
106.	99	12.860	0.000	0.000
107.	100	16.070	0.000	0.000
108.	101	19.290	0.000	0.000
109.	102	22.500	0.000	0.000
110.	103	25.710	0.000	0.000
111.	104	28.930	0.000	0.000
112.	105	32.140	0.000	0.000
113.	106	35.360	0.000	0.000
114.	107	38.570	0.000	0.000
115.	108	41.790	0.000	0.000
116.	109	45.000	0.000	0.000
117.	110	48.550	0.000	0.000
118.	111	52.100	0.000	0.000
119.	112	55.650	0.000	0.000
120.	113	59.200	0.000	0.000
121.	114	62.750	0.000	0.000
122.	115	66.300	0.000	0.000
123.	116	69.850	0.000	0.000
124.	117	73.400	0.000	0.000
125.	118	76.950	0.000	0.000
126.	119	80.500	0.000	0.000
127.	120	84.050	0.000	0.000
128.	121	87.600	0.000	0.000
129.	122	91.150	0.000	0.000
130.	123	94.700	0.000	0.000
131.	124	98.250	0.000	0.000
132.	125	101.800	0.000	0.000
133.	126	105.350	0.000	0.000
134.	127	108.900	0.000	0.000
135.	128	112.450	0.000	0.000
136.	129	116.000	0.000	0.000
137.	130	119.570	0.000	0.000
138.	131	123.140	0.000	0.000
139.	132	126.710	0.000	0.000
140.	133	130.290	0.000	0.000
141.	134	133.860	0.000	0.000
142.	135	137.430	0.000	0.000
143.	136	141.000	0.000	0.000
144.	137	144.570	0.000	0.000
145.	138	148.140	0.000	0.000
146.	139	151.710	0.000	0.000
147.	140	155.290	0.000	0.000
148.	141	158.860	0.000	0.000
149.	142	162.430	0.000	0.000
150.	143	166.000	0.000	0.000
151.	144	169.570	0.000	0.000
152.	145	173.140	0.000	0.000

153. 146 176.710 0.000 0.000
154. 147 180.290 0.000 0.000
155. 148 183.860 0.000 0.000
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158. 151 194.550 0.000 0.000
159. 152 198.100 0.000 0.000
160. 153 201.650 0.000 0.000
161. 154 205.200 0.000 0.000
162. 155 208.750 0.000 0.000
163. 156 212.300 0.000 0.000
164. 157 215.850 0.000 0.000
165. 158 219.400 0.000 0.000
166. 159 222.950 0.000 0.000
167. 160 226.500 0.000 0.000
168. 161 230.050 0.000 0.000
169. 162 233.600 0.000 0.000
170. 163 237.150 0.000 0.000
171. 164 240.700 0.000 0.000
172. 165 244.250 0.000 0.000
173. 166 247.800 0.000 0.000
174. 167 251.350 0.000 0.000
175. 168 254.900 0.000 0.000
176. 169 258.450 0.000 0.000
177. 170 262.000 0.000 0.000
178. 171 265.210 0.000 0.000
179. 172 268.430 0.000 0.000
180. 173 271.640 0.000 0.000
181. 174 274.860 0.000 0.000
182. 175 278.070 0.000 0.000
183. 176 281.290 0.000 0.000
184. 177 284.500 0.000 0.000
185. 178 287.710 0.000 0.000
186. 179 290.930 0.000 0.000
187. 180 294.140 0.000 0.000
188. 181 297.360 0.000 0.000
189. 182 300.570 0.000 0.000
190. 183 303.790 0.000 0.000
191. 184 307.000 0.000 0.000
192. 185 191.000 0.000 2.700
193. 186 116.000 0.000 4.870
194. 187 19.290 1.150 -15.600
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215.	208	169.570	2.630	-15.600
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217.	210	169.570	2.630	0.000
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219.	212	94.700	2.680	-15.600
220.	213	212.300	2.680	-15.600
221.	214	240.700	2.680	-15.600
222.	215	66.300	2.680	0.000
223.	216	94.700	2.680	0.000
224.	217	212.300	2.680	0.000
225.	218	240.700	2.680	0.000
226.	219	25.710	3.440	-15.600
227.	220	281.290	3.440	-15.600
228.	221	25.710	3.440	0.000
229.	222	281.290	3.440	0.000
230.	223	133.860	4.020	-15.600
231.	224	173.140	4.020	-15.600
232.	225	133.860	4.020	0.000
233.	226	173.140	4.020	0.000
234.	227	62.750	4.070	-15.600
235.	228	98.250	4.070	-15.600
236.	229	208.750	4.070	-15.600
237.	230	244.250	4.070	-15.600
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239.	232	98.250	4.070	0.000
240.	233	208.750	4.070	0.000
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252.	245	205.200	5.690	-15.600
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255.	248	101.800	5.690	0.000
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1366.	68	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1367.	69	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
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1372.	74	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
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1379.	81	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
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1381.	83	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1382.	84	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1383.	85	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1384.	86	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442

1385.	87	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1386.	88	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1387.	89	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1388.	90	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1389.	91	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1390.	92	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1391.	93	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1392.	94	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1393.	95	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1394.	96	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1395.	97	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1396.	98	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1397.	99	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1398.	100	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1399.	101	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1400.	102	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1401.	103	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1402.	104	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1403.	105	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1404.	106	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1405.	107	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1406.	108	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1407.	109	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1408.	110	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1409.	111	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1410.	112	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1411.	113	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1412.	114	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1413.	115	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1414.	116	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1415.	117	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1416.	118	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1417.	119	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1418.	120	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1419.	121	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ	0.0886
1420.	122	PRIS	AX	0.472	IX	0.4877	IY	0.4309	IZ	0.3967
1421.	123	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1422.	124	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1423.	125	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1424.	126	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1425.	127	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1426.	128	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1427.	129	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
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1429.	131	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1430.	132	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1431.	133	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1432.	134	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1433.	135	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1434.	136	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1435.	137	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1436.	138	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1437.	139	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1438.	140	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1439.	141	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1440.	142	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442

1441.	143	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1442.	144	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1443.	145	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1444.	146	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1445.	147	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1446.	148	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1447.	149	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1448.	150	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1449.	151	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1450.	152	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1451.	153	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1452.	154	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1453.	155	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1454.	156	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1455.	157	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1456.	158	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1457.	159	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1458.	160	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1459.	161	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ 0.3784
1460.	162	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1461.	163	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ 0.3784
1462.	164	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
1463.	165	PRIS	AX	0.149	IX	0.1229	IY	0.0666	IZ 0.1050
1464.	166	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1465.	167	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1466.	168	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1467.	169	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1468.	170	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1469.	171	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1470.	172	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1471.	173	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1472.	174	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1473.	175	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1474.	176	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1475.	177	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1476.	178	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1477.	179	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1478.	180	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1479.	181	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1480.	182	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1481.	183	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1482.	184	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1483.	185	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1484.	186	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1485.	187	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1486.	188	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1487.	189	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1488.	190	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1489.	191	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1490.	192	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1491.	193	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1492.	194	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
1493.	195	PRIS	AX	0.451	IX	0.1329	IY	0.2669	IZ 0.0667
1494.	196	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1495.	197	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1496.	198	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442

1497.	199	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1498.	200	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1499.	201	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1500.	202	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1501.	203	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1502.	204	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1503.	205	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1504.	206	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1505.	207	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1506.	208	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1507.	209	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1508.	210	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1509.	211	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1510.	212	PRIS	AX	0.149	IX	0.1229	IY	0.0666	IZ	0.1050
1511.	213	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1512.	214	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1513.	215	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1514.	216	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1515.	217	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1516.	218	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1517.	219	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1518.	220	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1519.	221	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1520.	222	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1521.	223	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1522.	224	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1523.	225	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1524.	226	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1525.	227	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1526.	228	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1527.	229	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1528.	230	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1529.	231	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1530.	232	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1531.	233	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1532.	234	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1533.	235	PRIS	AX	0.443	IX	0.5093	IY	0.2768	IZ	0.9032
1534.	236	PRIS	AX	0.472	IX	0.4877	IY	0.4309	IZ	0.3967
1535.	237	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1536.	238	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1537.	239	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1538.	240	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1539.	241	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1540.	242	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1541.	243	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1542.	244	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1543.	245	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1544.	246	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1545.	247	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1546.	248	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1547.	249	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1548.	250	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1549.	251	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1550.	252	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1551.	253	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1552.	254	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442

1553.	255	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1554.	256	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1555.	257	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1556.	258	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1557.	259	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1558.	260	PRIS	AX	0.443	IX	0.5093	IY	0.2768	IZ	0.9032
1559.	261	PRIS	AX	0.472	IX	0.4877	IY	0.4309	IZ	0.3967
1560.	262	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1561.	263	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1562.	264	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1563.	265	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1564.	266	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1565.	267	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1566.	268	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1567.	269	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1568.	270	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1569.	271	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1570.	272	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1571.	273	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1572.	274	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1573.	275	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1574.	276	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1575.	277	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1576.	278	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1577.	279	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1578.	280	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1579.	281	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1580.	282	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1581.	283	PRIS	AX	0.218	IX	0.2385	IY	0.1032	IZ	0.3784
1582.	284	PRIS	AX	0.149	IX	0.1229	IY	0.0666	IZ	0.1050
1583.	285	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1584.	286	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1585.	287	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
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1587.	289	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1588.	290	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1589.	291	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1590.	292	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1591.	293	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1592.	294	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1593.	295	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1594.	296	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1595.	297	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1596.	298	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1597.	299	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1598.	300	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1599.	301	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
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1605.	307	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1606.	308	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1607.	309	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853
1608.	310	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ	0.0853

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1640. 342 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1641. 343 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
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1645. 347 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
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1659. 361 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1660. 362 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1661. 363 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1662. 364 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1663. 365 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
1664. 366 PRIS    AX  0.141   IX  0.1080  IY  0.0620  IZ  0.0853
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1665.	367	PRIS	AX	0.169	IX	0.1658	IY	0.0793	IZ 0.1730
1666.	368	PRIS	AX	0.361	IX	0.4337	IY	0.2303	IZ 0.3815
1667.	369	PRIS	AX	0.361	IX	0.4337	IY	0.2303	IZ 0.3815
1668.	370	PRIS	AX	0.169	IX	0.1658	IY	0.0793	IZ 0.1730
1669.	371	PRIS	AX	0.169	IX	0.1658	IY	0.0793	IZ 0.1730
1670.	372	PRIS	AX	0.361	IX	0.4337	IY	0.2303	IZ 0.3815
1671.	373	PRIS	AX	0.361	IX	0.4337	IY	0.2303	IZ 0.3815
1672.	374	PRIS	AX	0.169	IX	0.1658	IY	0.0793	IZ 0.1730
1673.	375	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1674.	376	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1675.	377	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1676.	378	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1677.	379	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1678.	380	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1679.	381	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1680.	382	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1681.	383	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1682.	384	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1683.	385	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1684.	386	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1685.	387	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1686.	388	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1687.	389	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1688.	390	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1689.	391	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1690.	392	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1691.	393	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1692.	394	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1693.	395	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1694.	396	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1695.	397	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1696.	398	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1697.	399	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1698.	400	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1699.	401	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1700.	402	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1701.	403	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1702.	404	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1703.	405	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1704.	406	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1705.	407	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1706.	408	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1707.	409	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1708.	410	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1709.	411	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1710.	412	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1711.	413	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1712.	414	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1713.	415	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1714.	416	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1715.	417	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1716.	418	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1717.	419	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1718.	420	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1719.	421	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853
1720.	422	PRIS	AX	0.141	IX	0.1080	IY	0.0620	IZ 0.0853

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1721. 423 PRIS    AX  0.076   IX  0.0155  IY  0.0156  IZ  0.0076
1722. 424 PRIS    AX  0.076   IX  0.0155  IY  0.0156  IZ  0.0076
1723. 425 PRIS    AX  0.076   IX  0.0155  IY  0.0156  IZ  0.0076
1724. 426 PRIS    AX  0.076   IX  0.0155  IY  0.0156  IZ  0.0076
1725. 427 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1726. 428 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1727. 429 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1728. 430 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1729. 431 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1730. 432 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1731. 433 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1732. 434 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1733. 435 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1734. 436 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1735. 437 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1736. 438 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1737. 439 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1738. 440 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1739. 441 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1740. 442 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1741. 443 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1742. 444 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1743. 445 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1744. 446 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1745. 447 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1746. 448 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1747. 449 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1748. 450 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1749. 451 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1750. 452 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1751. 453 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1752. 454 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1753. 455 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1754. 456 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1755. 457 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1756. 458 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1757. 459 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1758. 460 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1759. 461 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1760. 462 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1761. 463 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1762. 464 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1763. 465 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1764. 466 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1765. 467 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1766. 468 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1767. 469 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1768. 470 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1769. 471 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1770. 472 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1771. 473 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1772. 474 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1773. 475 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1774. 476 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
1775. 477 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
1776. 478 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
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1777.	479	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1778.	480	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1779.	481	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1780.	482	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
1781.	483	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1782.	484	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
1783.	485	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1784.	486	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1785.	487	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1786.	488	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1787.	489	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1788.	490	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1789.	491	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1790.	492	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1791.	493	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1792.	494	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1793.	495	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1794.	496	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1795.	497	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1796.	498	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1797.	499	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1798.	500	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1799.	501	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1800.	502	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1801.	503	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1802.	504	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1803.	505	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1804.	506	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1805.	507	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1806.	508	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1807.	509	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1808.	510	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1809.	511	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1810.	512	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1811.	513	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1812.	514	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1813.	515	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1814.	516	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1815.	517	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1816.	518	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1817.	519	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1818.	520	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1819.	521	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1820.	522	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1821.	523	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1822.	524	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1823.	525	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1824.	526	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1825.	527	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1826.	528	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1827.	529	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1828.	530	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1829.	531	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1830.	532	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1831.	533	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1832.	534	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182

1833.	535	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1834.	536	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1835.	537	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1836.	538	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1837.	539	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1838.	540	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1839.	541	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1840.	542	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1841.	543	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1842.	544	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1843.	545	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1844.	546	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1845.	547	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1846.	548	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1847.	549	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1848.	550	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1849.	551	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1850.	552	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1851.	553	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1852.	554	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1853.	555	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1854.	556	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1855.	557	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1856.	558	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1857.	559	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1858.	560	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1859.	561	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1860.	562	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ	0.0886
1861.	563	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1862.	564	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ	0.0886
1863.	565	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1864.	566	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1865.	567	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1866.	568	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1867.	569	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1868.	570	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1869.	571	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1870.	572	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1871.	573	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1872.	574	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1873.	575	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1874.	576	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1875.	577	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1876.	578	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1877.	579	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1878.	580	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1879.	581	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1880.	582	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1881.	583	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1882.	584	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1883.	585	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1884.	586	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1885.	587	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1886.	588	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182
1887.	589	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ	0.3442
1888.	590	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ	0.0182

1889.	591	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1890.	592	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1891.	593	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1892.	594	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1893.	595	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1894.	596	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1895.	597	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1896.	598	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1897.	599	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1898.	600	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1899.	601	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1900.	602	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1901.	603	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1902.	604	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1903.	605	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1904.	606	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1905.	607	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1906.	608	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1907.	609	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1908.	610	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1909.	611	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1910.	612	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1911.	613	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1912.	614	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1913.	615	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1914.	616	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1915.	617	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1916.	618	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1917.	619	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1918.	620	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1919.	621	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1920.	622	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1921.	623	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1922.	624	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1923.	625	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1924.	626	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1925.	627	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1926.	628	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1927.	629	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1928.	630	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1929.	631	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1930.	632	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1931.	633	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1932.	634	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1933.	635	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1934.	636	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1935.	637	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1936.	638	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1937.	639	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1938.	640	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1939.	641	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1940.	642	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1941.	643	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1942.	644	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1943.	645	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1944.	646	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886

1945.	647	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1946.	648	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
1947.	649	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1948.	650	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1949.	651	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1950.	652	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1951.	653	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1952.	654	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1953.	655	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1954.	656	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1955.	657	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1956.	658	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1957.	659	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1958.	660	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1959.	661	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1960.	662	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1961.	663	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1962.	664	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1963.	665	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1964.	666	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1965.	667	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1966.	668	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1967.	669	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1968.	670	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1969.	671	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1970.	672	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1971.	673	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1972.	674	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1973.	675	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1974.	676	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1975.	677	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1976.	678	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1977.	679	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1978.	680	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1979.	681	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1980.	682	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1981.	683	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1982.	684	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1983.	685	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1984.	686	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1985.	687	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1986.	688	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1987.	689	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1988.	690	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1989.	691	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1990.	692	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1991.	693	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1992.	694	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1993.	695	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1994.	696	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1995.	697	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1996.	698	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1997.	699	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
1998.	700	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
1999.	701	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2000.	702	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182

2001.	703	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2002.	704	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2003.	705	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2004.	706	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2005.	707	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2006.	708	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2007.	709	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2008.	710	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2009.	711	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2010.	712	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2011.	713	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2012.	714	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2013.	715	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2014.	716	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2015.	717	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2016.	718	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2017.	719	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2018.	720	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2019.	721	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2020.	722	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2021.	723	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2022.	724	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2023.	725	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2024.	726	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
2025.	727	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2026.	728	PRIS	AX	0.157	IX	0.0626	IY	0.0281	IZ 0.0886
2027.	729	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2028.	730	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2029.	731	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2030.	732	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2031.	733	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2032.	734	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2033.	735	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2034.	736	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2035.	737	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2036.	738	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2037.	739	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2038.	740	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2039.	741	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2040.	742	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2041.	743	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2042.	744	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2043.	745	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2044.	746	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2045.	747	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2046.	748	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2047.	749	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2048.	750	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2049.	751	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2050.	752	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2051.	753	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2052.	754	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2053.	755	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2054.	756	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182
2055.	757	PRIS	AX	0.184	IX	0.1799	IY	0.0821	IZ 0.3442
2056.	758	PRIS	AX	0.042	IX	0.0010	IY	0.0007	IZ 0.0182

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2057. 759 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2058. 760 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2059. 761 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2060. 762 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2061. 763 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2062. 764 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2063. 765 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2064. 766 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2065. 767 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2066. 768 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2067. 769 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2068. 770 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2069. 771 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2070. 772 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2071. 773 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2072. 774 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2073. 775 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2074. 776 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2075. 777 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2076. 778 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2077. 779 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2078. 780 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2079. 781 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2080. 782 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2081. 783 PRIS    AX  0.184   IX  0.1799  IY  0.0821  IZ  0.3442
2082. 784 PRIS    AX  0.042   IX  0.0010  IY  0.0007  IZ  0.0182
2083. CONSTANTS
2084. MATERIAL MATERIAL1 MEMB 1 TO 784
2085. SUPPORTS
2086. 1   PINNED
2087. 2   PINNED
2088. 3   PINNED
2089. 78  PINNED
2090. 93  PINNED
2091. 94  PINNED
2092. 95  PINNED
2093. 109 PINNED
2094. 185 PINNED
2095. 186 PINNED
2096. 92  FIXED
2097. 184 FIXED
2098. CUT OFF MODE SHAPE 1
2099. LOAD 1 PESO PROPIO + CARGA PERMANENTE
2100. MEMBER LOAD
2101. 6   UNI GY  -34.78
2102. 6   UNI GY  -29.7
2103. 8   UNI GY  -34.78
2104. 8   UNI GY  -29.7
2105. 10  UNI GY  -34.78
2106. 10  UNI GY  -29.7
2107. 12  UNI GY  -34.78
2108. 12  UNI GY  -29.7
2109. 14  UNI GY  -34.78
2110. 14  UNI GY  -29.7
2111. 17  UNI GY  -34.78
2112. 17  UNI GY  -29.7
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2113. 19 UNI GY -34.78
2114. 19 UNI GY -29.7
2115. 21 UNI GY -34.78
2116. 21 UNI GY -29.7
2117. 23 UNI GY -34.78
2118. 23 UNI GY -29.7
2119. 25 UNI GY -34.78
2120. 25 UNI GY -29.7
2121. 27 UNI GY -34.78
2122. 27 UNI GY -29.7
2123. 29 UNI GY -34.78
2124. 29 UNI GY -29.7
2125. 31 UNI GY -34.78
2126. 31 UNI GY -29.7
2127. 36 UNI GY -38.34
2128. 36 UNI GY -29.7
2129. 38 UNI GY -38.34
2130. 38 UNI GY -29.7
2131. 40 UNI GY -38.34
2132. 40 UNI GY -29.7
2133. 42 UNI GY -38.34
2134. 42 UNI GY -29.7
2135. 44 UNI GY -38.34
2136. 44 UNI GY -29.7
2137. 46 UNI GY -38.34
2138. 46 UNI GY -29.7
2139. 48 UNI GY -38.34
2140. 48 UNI GY -29.7
2141. 50 UNI GY -38.34
2142. 50 UNI GY -29.7
2143. 53 UNI GY -38.34
2144. 53 UNI GY -29.7
2145. 55 UNI GY -38.34
2146. 55 UNI GY -29.7
2147. 57 UNI GY -38.34
2148. 57 UNI GY -29.7
2149. 59 UNI GY -38.34
2150. 59 UNI GY -29.7
2151. 62 UNI GY -38.34
2152. 62 UNI GY -29.7
2153. 64 UNI GY -38.34
2154. 64 UNI GY -29.7
2155. 66 UNI GY -38.34
2156. 66 UNI GY -29.7
2157. 68 UNI GY -38.34
2158. 68 UNI GY -29.7
2159. 70 UNI GY -38.34
2160. 70 UNI GY -29.7
2161. 72 UNI GY -38.34
2162. 72 UNI GY -29.7
2163. 74 UNI GY -38.34
2164. 74 UNI GY -29.7
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2628. 780 UNI GY  -29.7
2629. 782 UNI GY  -38.34
2630. 782 UNI GY  -29.7
2631. 784 UNI GY  -38.34
2632. 784 UNI GY  -29.7
2633. CALCULATE NATURAL FREQ
2634. PERFORM ANALYSIS
```

P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS/MEMBER+ELEMENTS/SUPPORTS = 498/ 784/ 12
ORIGINAL/FINAL BAND-WIDTH= 405/ 9/ 60 DOF
TOTAL PRIMARY LOAD CASES = 1, TOTAL DEGREES OF FREEDOM = 2946
SIZE OF STIFFNESS MATRIX = 177 DOUBLE KILO-WORDS
REQRD/AVAIL. DISK SPACE = 15.0/ >2000 MB

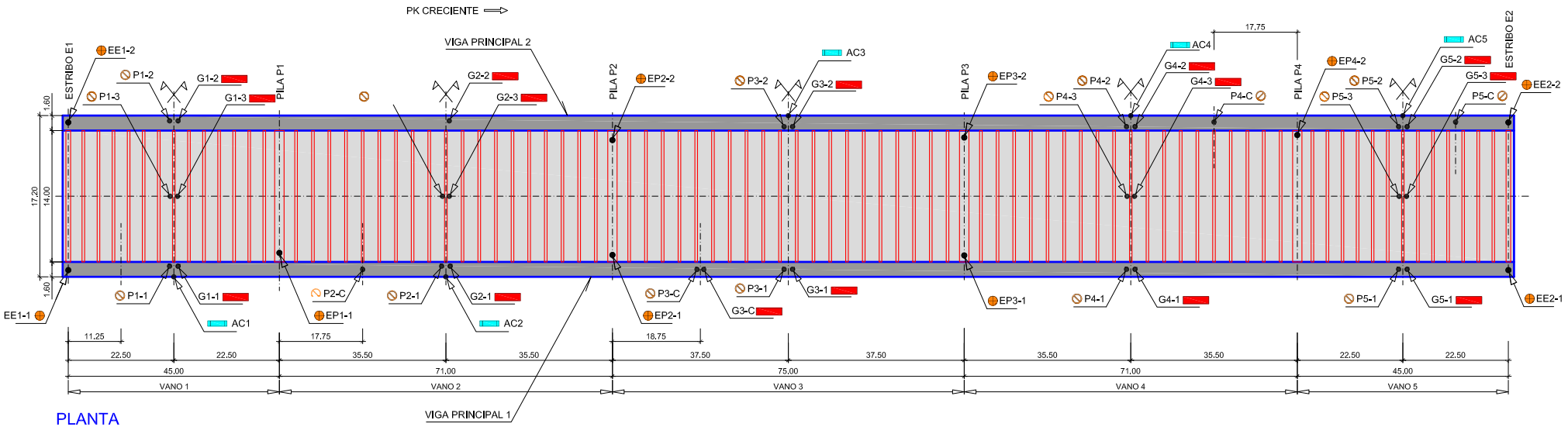
****
* *
* RAYLEIGH FREQUENCY FOR LOADING 1 = 0.94679 CPS *
* MAX DEFLECTION = 48.61365 CM GLO Y, AT JOINT 408 *
* *
****

```
2635. FINISH
```

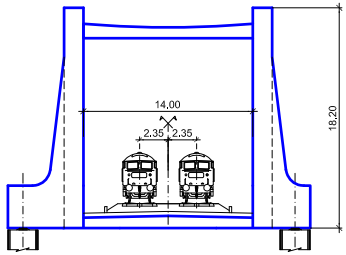
********** END OF THE STAAD.Pro RUN **********

III.- CROQUIS DE INSTRUMENTACIÓN Y DISPOSICIÓN DE CARGAS

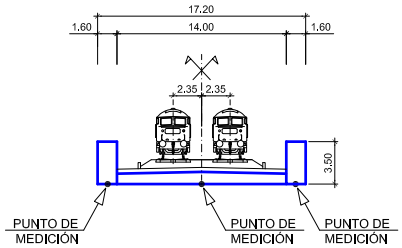
INSTRUMENTACIÓN: VIADUCTO SOBRE LA AP-7



PLANTA



SECCIÓN TRANSVERSAL EN PILA

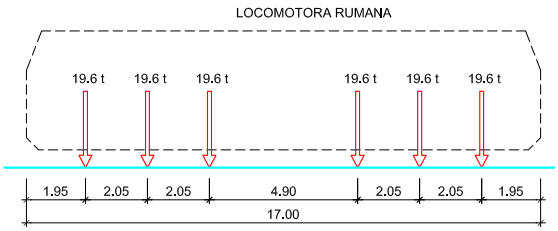


SECCIÓN TRANSVERSAL EN CENTRO DE VANO

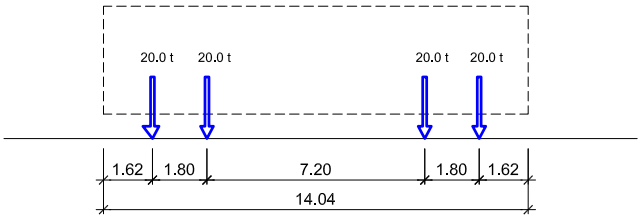
SIMBOLOGÍA

- FLECHA CENTRO DE VANO
- DESCENSO EN APOYOS
- ACELERÓMETRO
- BANDA EXTENSOMÉTRICA

TRENES PARA LAS PRUEBAS

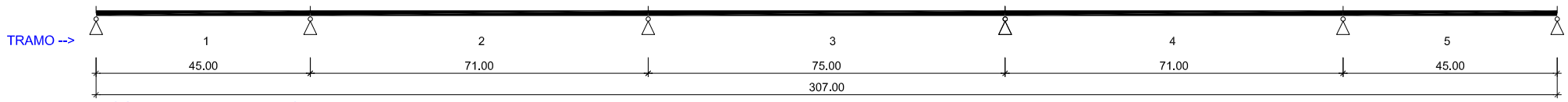


LOCOMOTORA RUMANA

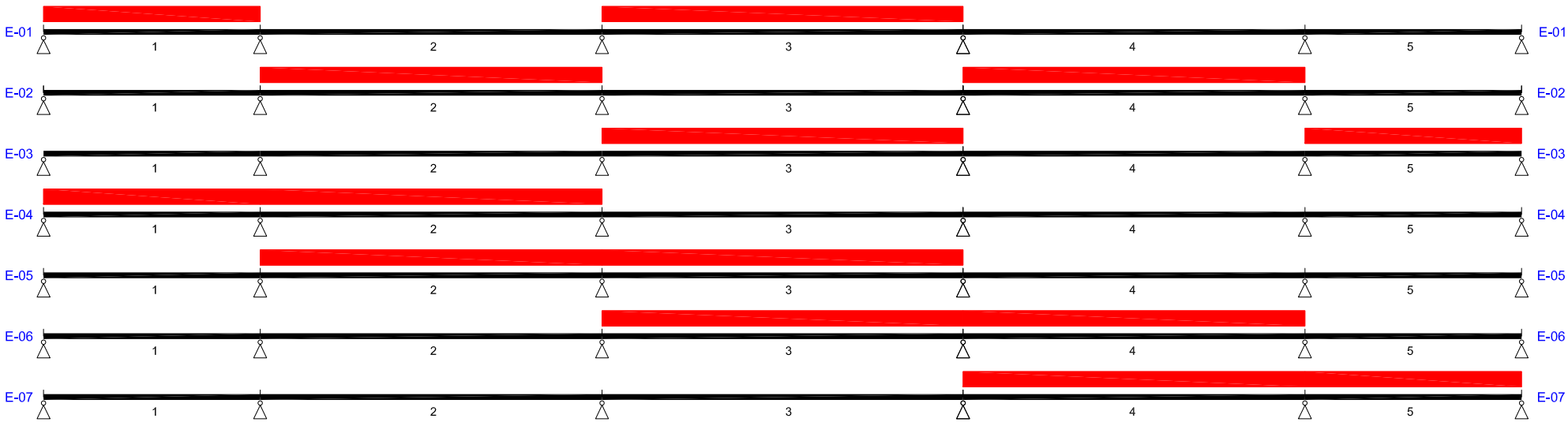


TOLVA TT4

ESTADOS DE CARGA
TRAMOS CARGADOS



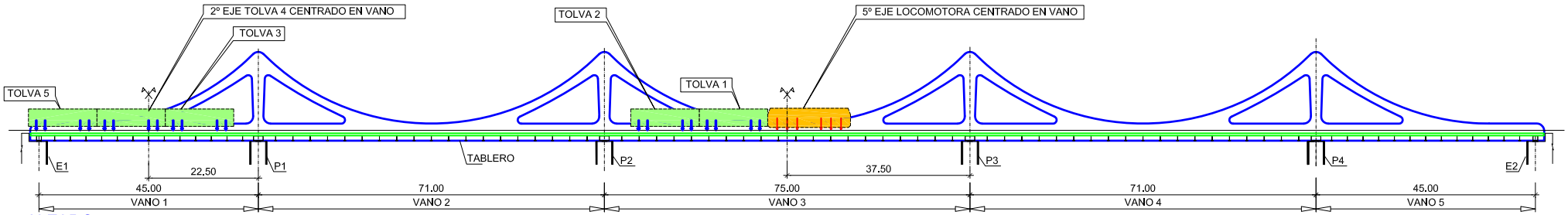
ESQUEMA DEL TABLERO



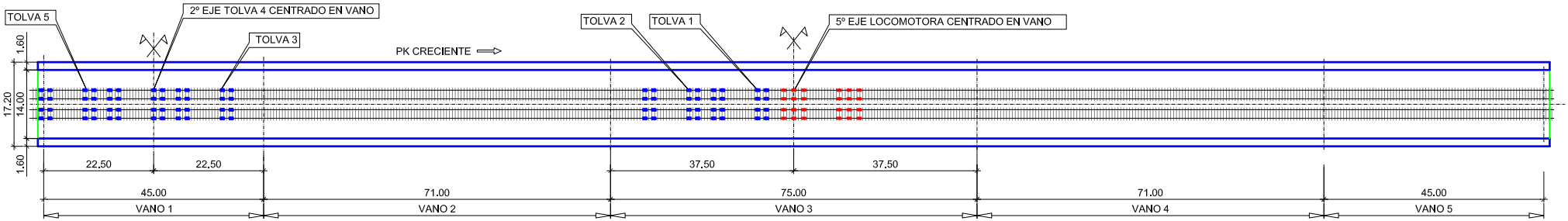
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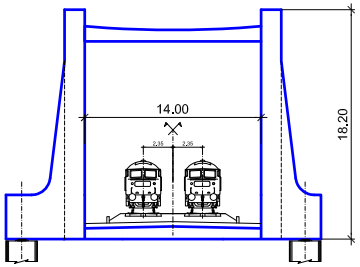
POSICIÓN PARA ESTADO DE CARGA E1



ALZADO

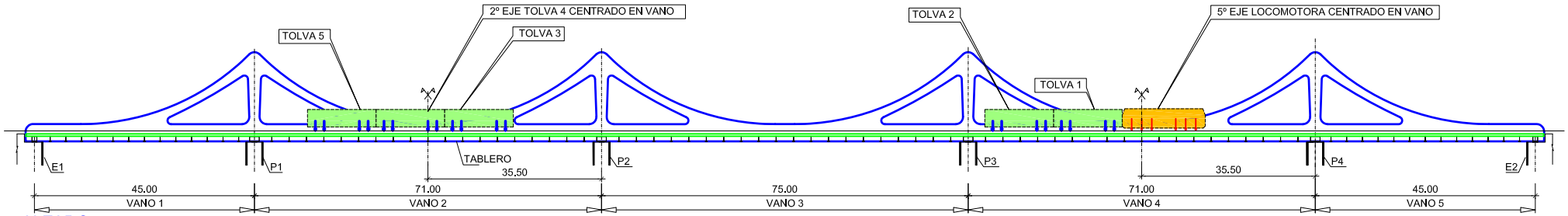


PLANTA

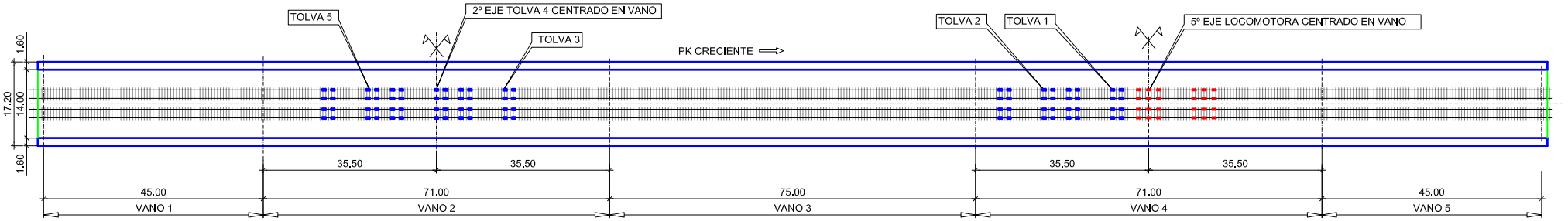


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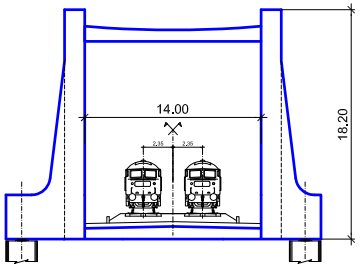
POSICIÓN PARA ESTADO DE CARGA E2



ALZADO

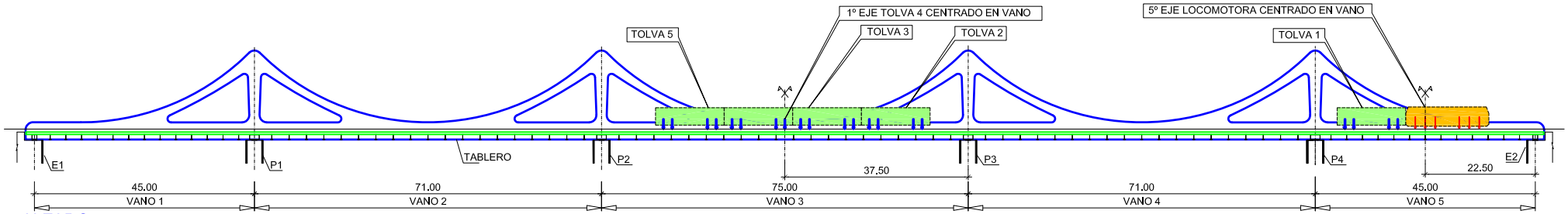


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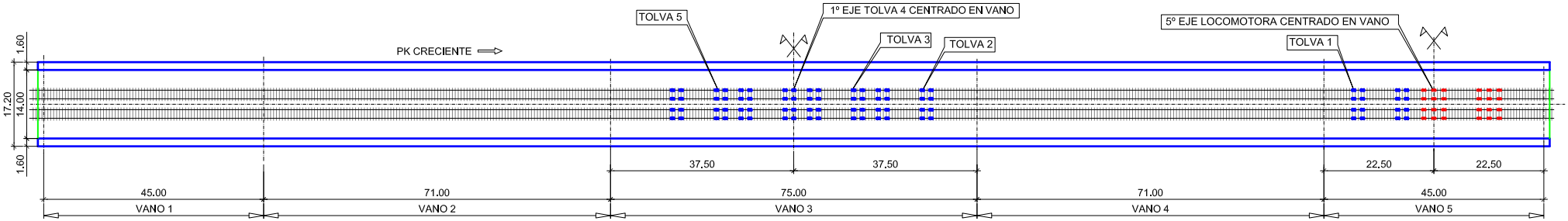


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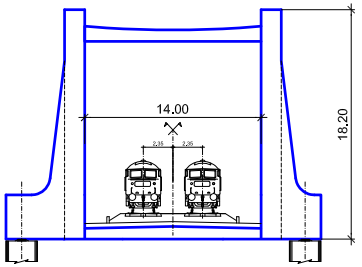
POSICIÓN PARA ESTADO DE CARGA E3



ALZADO

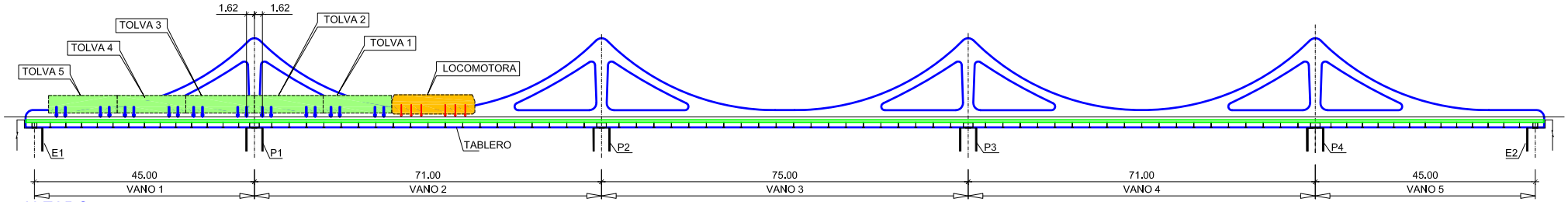


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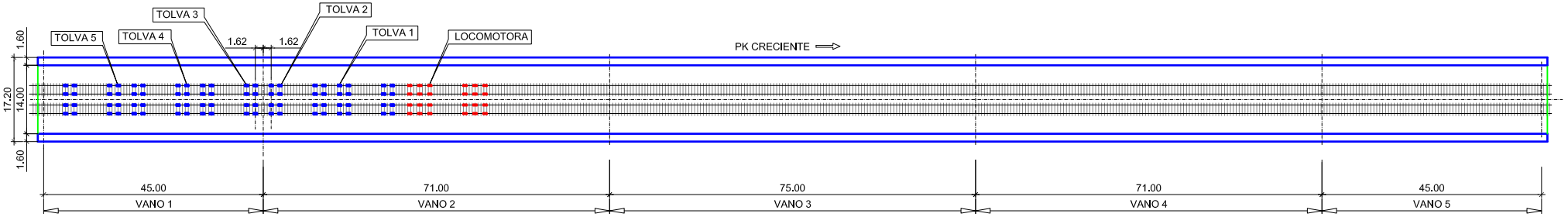


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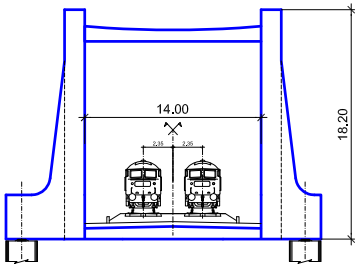
POSICIÓN PARA ESTADO DE CARGA E4



ALZADO

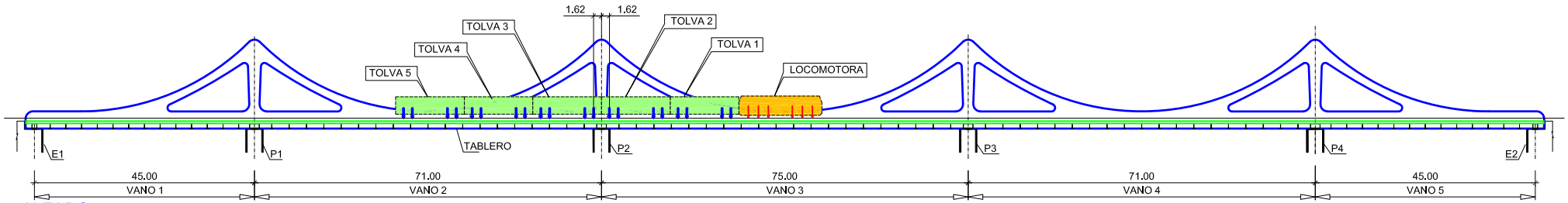


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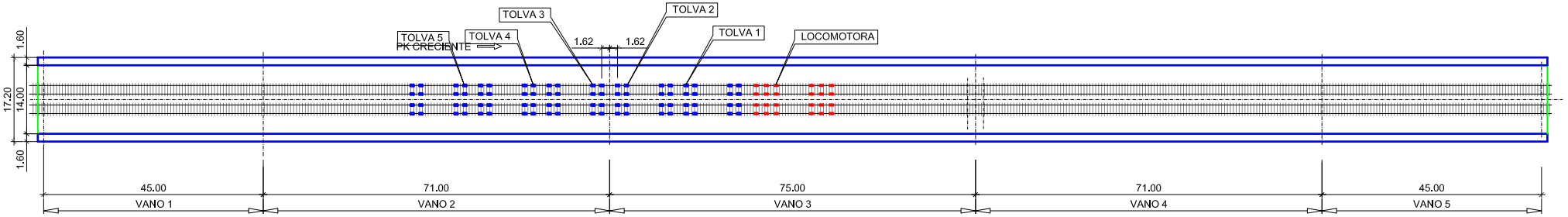


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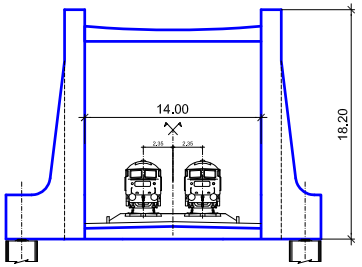
POSICIÓN PARA ESTADO DE CARGA E5



ALZADO

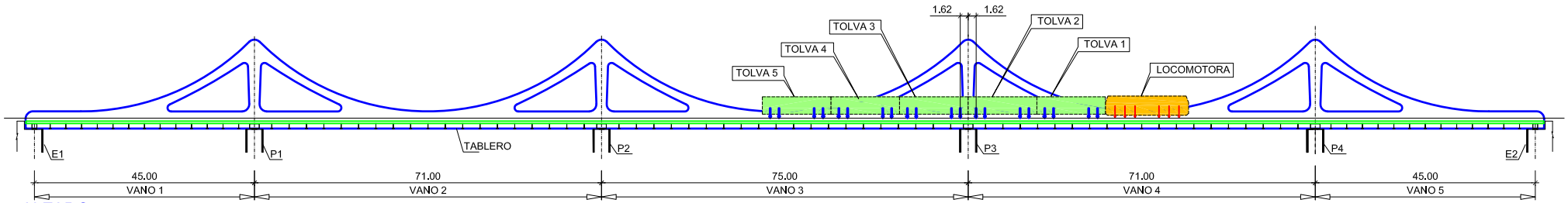


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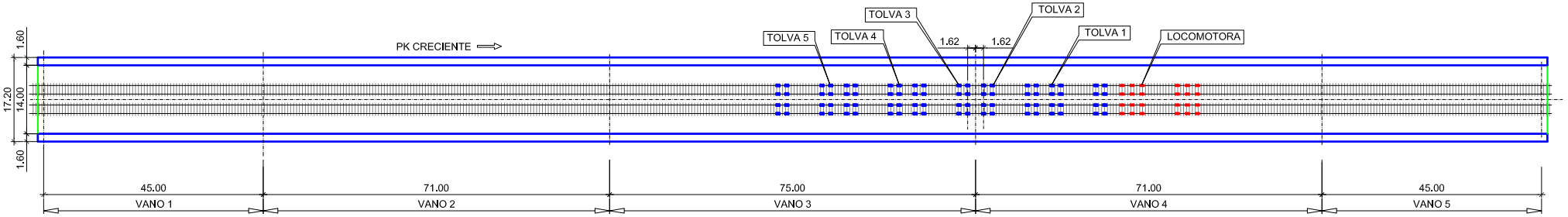


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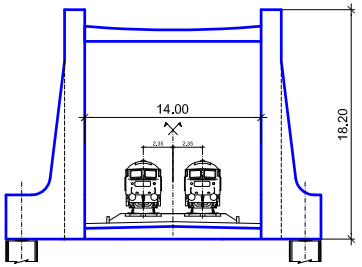
POSICIÓN PARA ESTADO DE CARGA E6



ALZADO

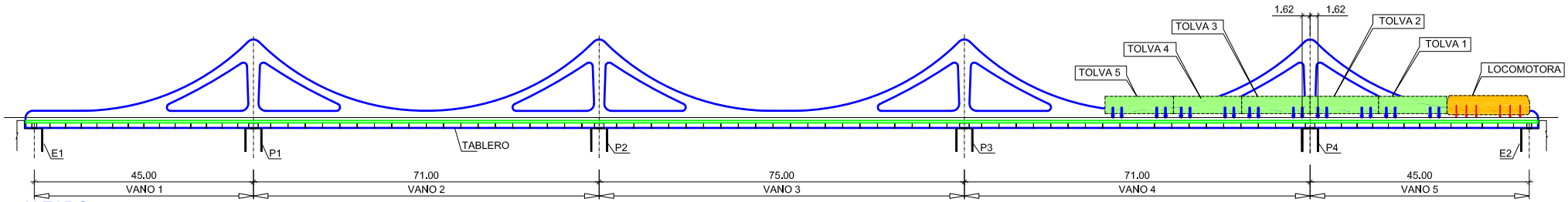


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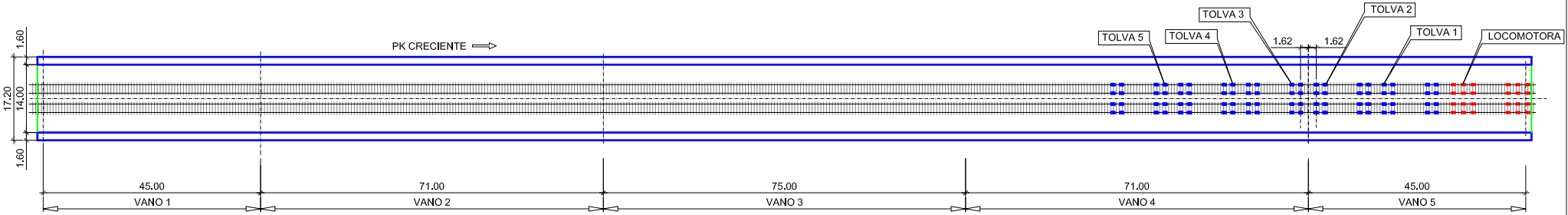


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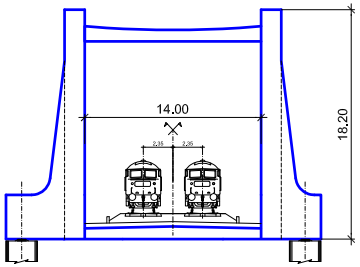
POSICIÓN PARA ESTADO DE CARGA E7



ALZADO



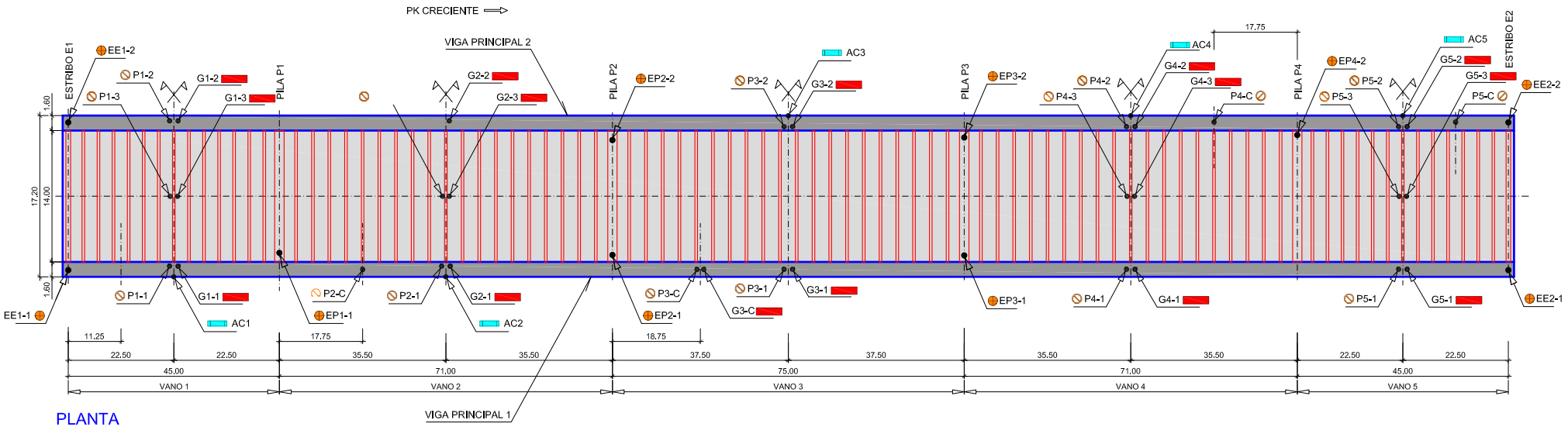
PLANTA



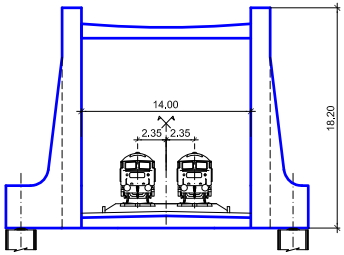
SECCIÓN TRANSVERSAL

ANEJO 3 ESQUEMA DE INSTRUMENTACIÓN Y TREN DE CARGAS

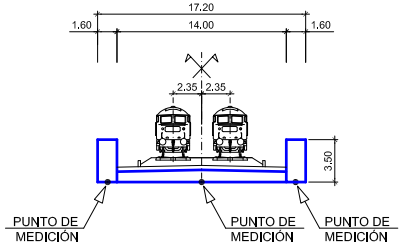
INSTRUMENTACIÓN: VIADUCTO SOBRE LA AP-7



PLANTA



SECCIÓN TRANSVERSAL EN PILA

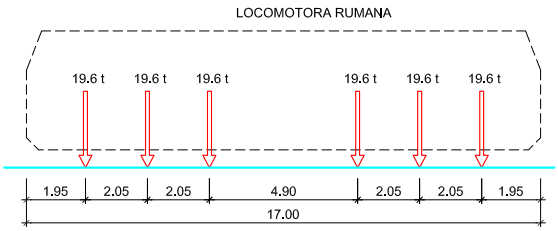


SECCIÓN TRANSVERSAL EN CENTRO DE VANO

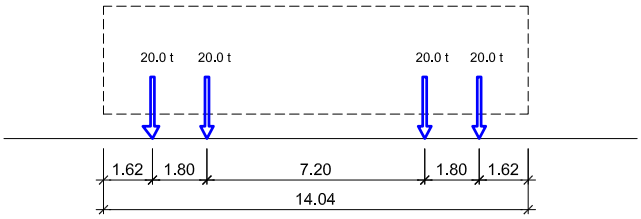
SIMBOLOGÍA

- FLECHA CENTRO DE VANO
- DESCENSO EN APOYOS
- ACELERÓMETRO
- BANDA EXTENSOMÉTRICA

TRENES PARA LAS PRUEBAS

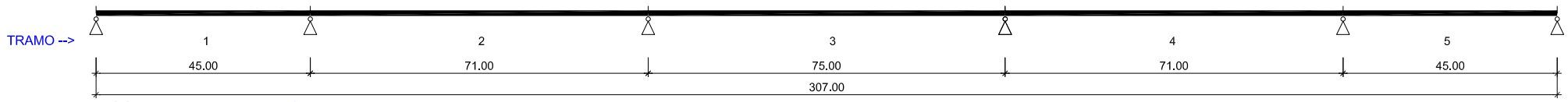


LOCOMOTORA RUMANA

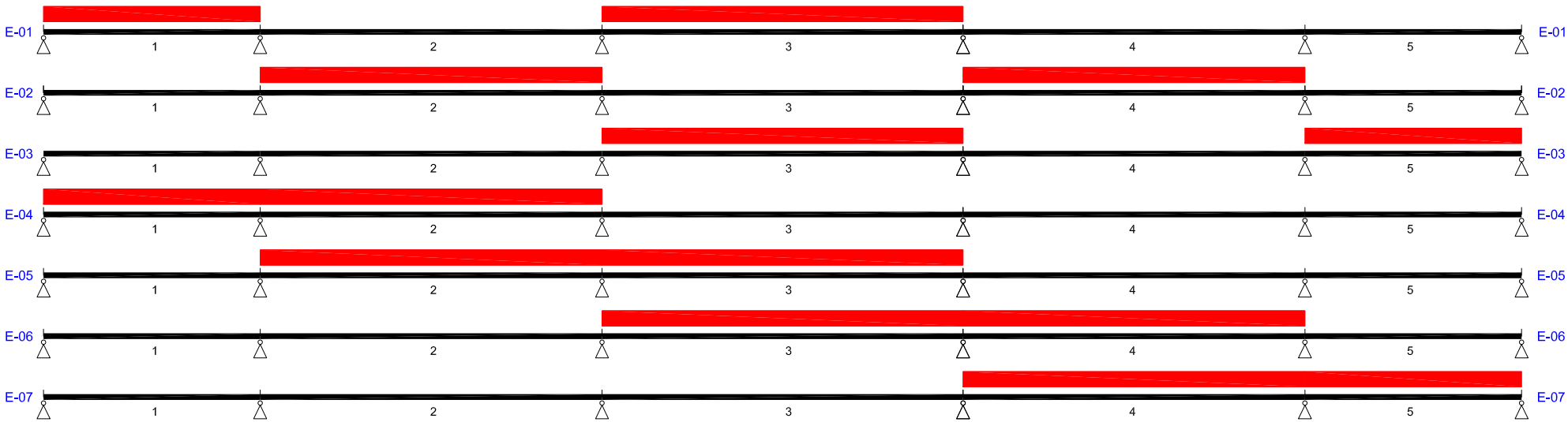


TOLVA TT4

ESTADOS DE CARGA
TRAMOS CARGADOS



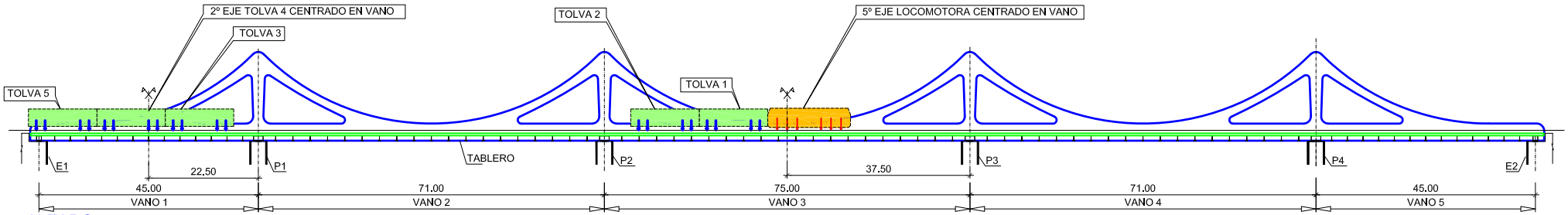
ESQUEMA DEL TABLERO



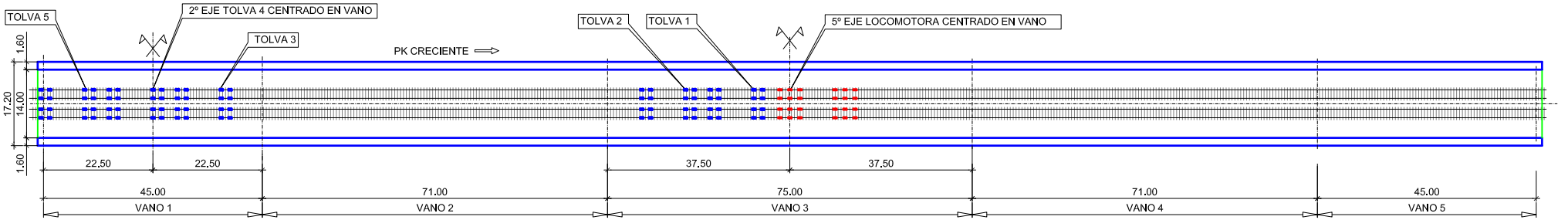
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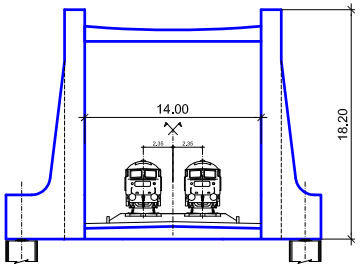
POSICIÓN PARA ESTADO DE CARGA E1



ALZADO

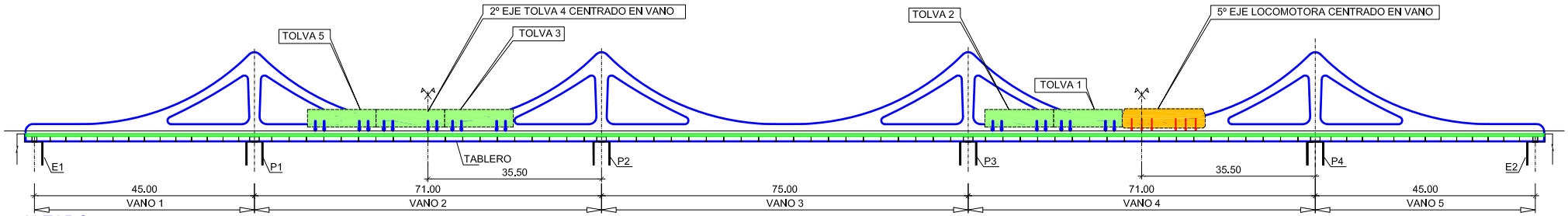


PLANTA

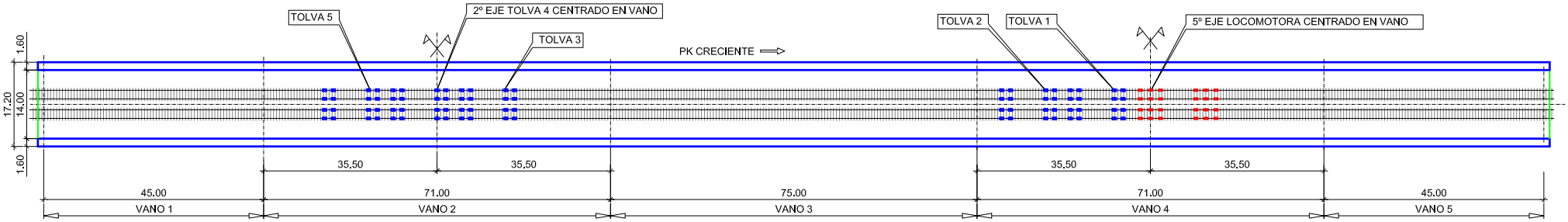


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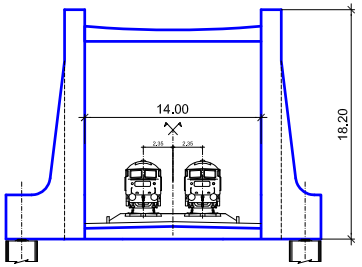
POSICIÓN PARA ESTADO DE CARGA E2



ALZADO

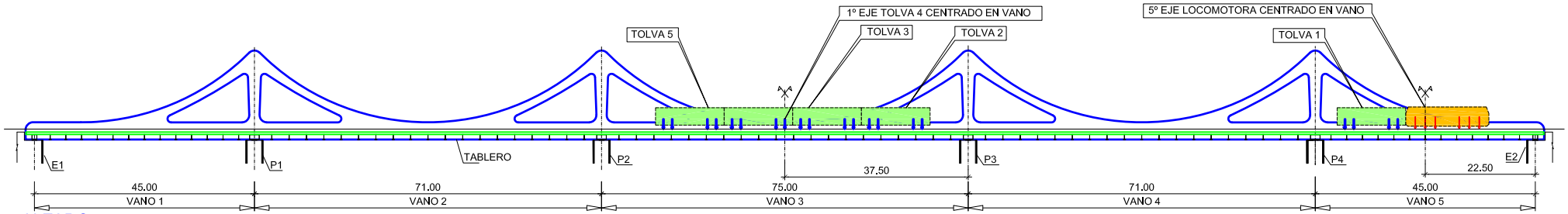


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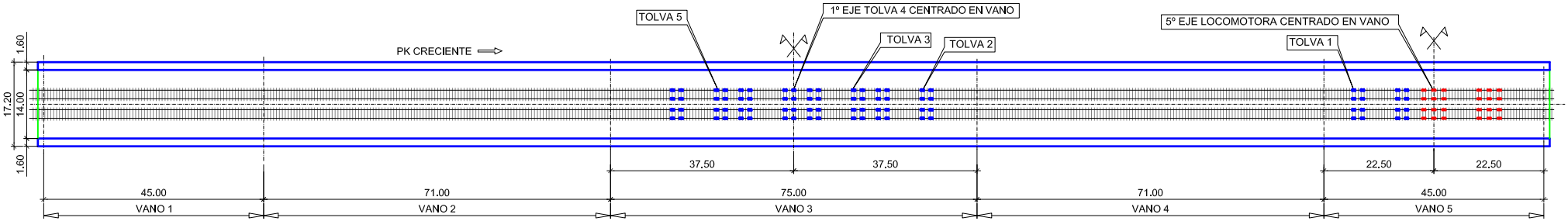


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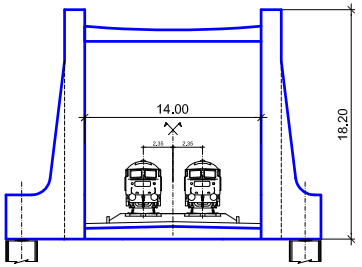
POSICIÓN PARA ESTADO DE CARGA E3



ALZADO

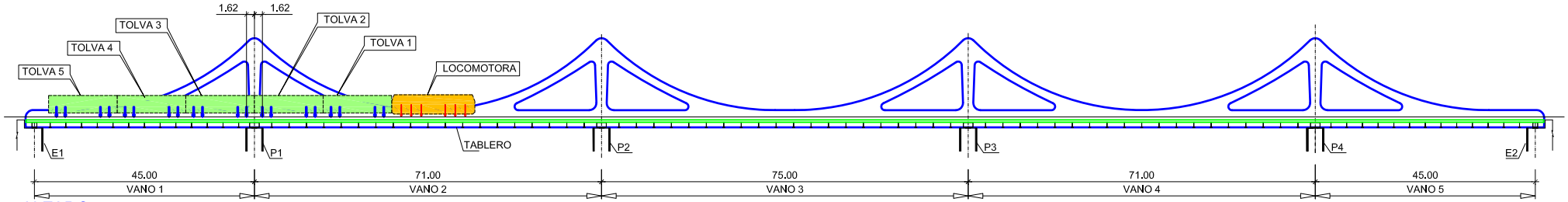


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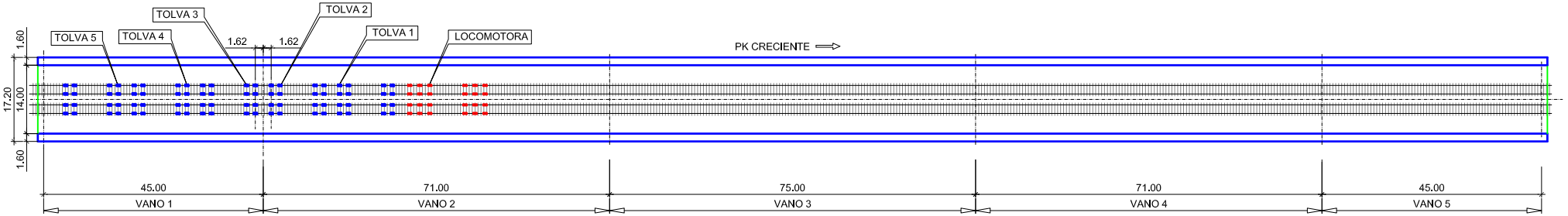


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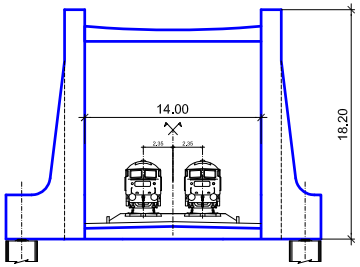
POSICIÓN PARA ESTADO DE CARGA E4



ALZADO

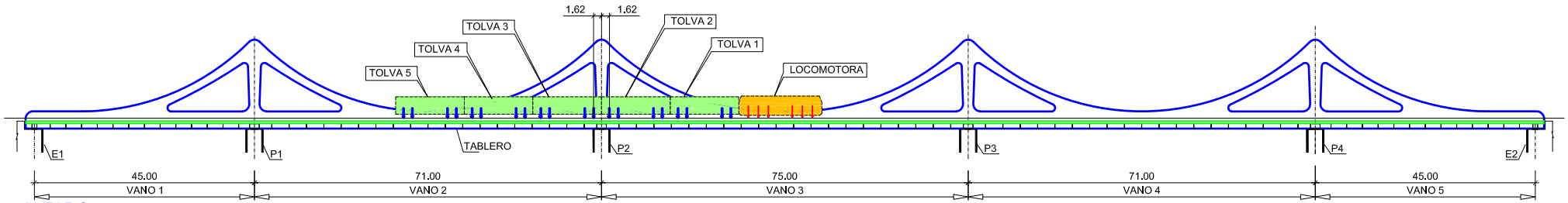


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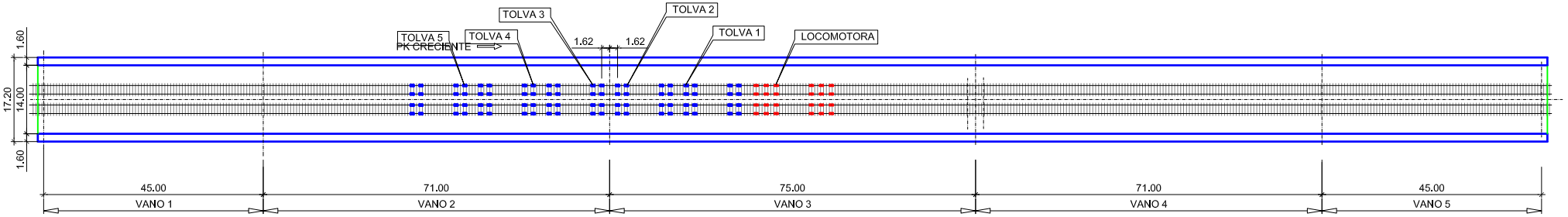


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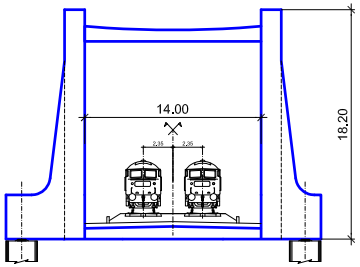
POSICIÓN PARA ESTADO DE CARGA E5



ALZADO

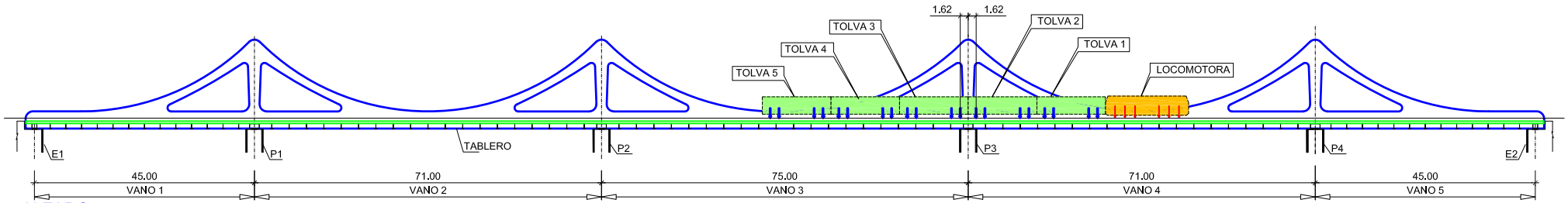


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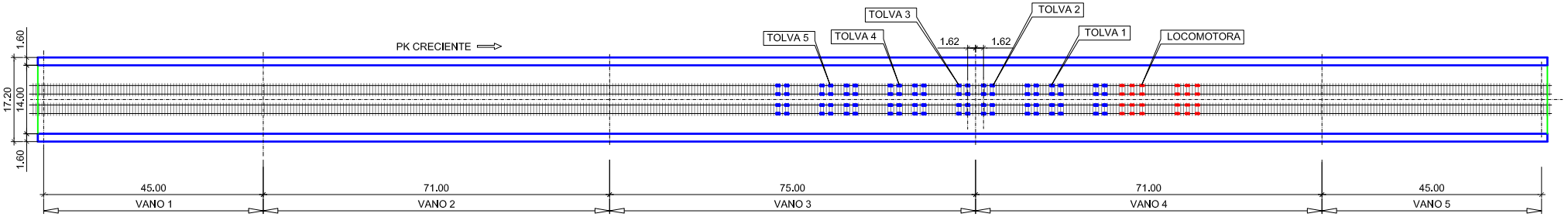


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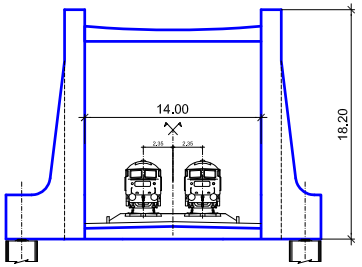
POSICIÓN PARA ESTADO DE CARGA E6



ALZADO

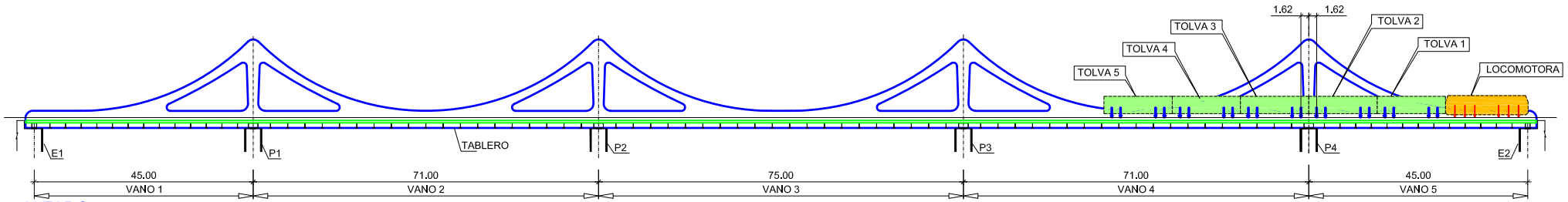


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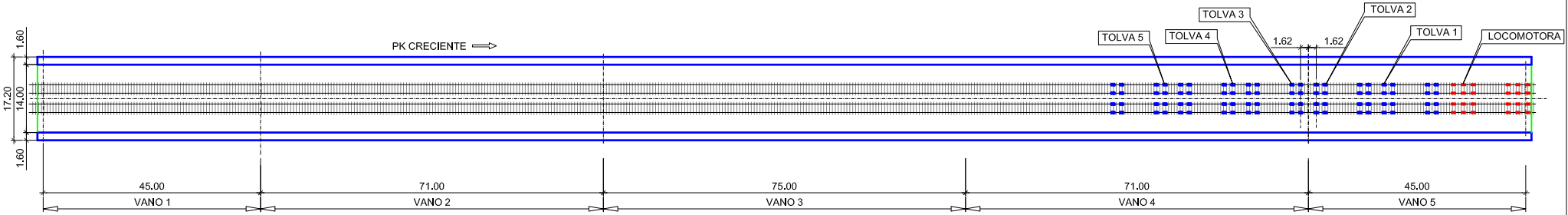


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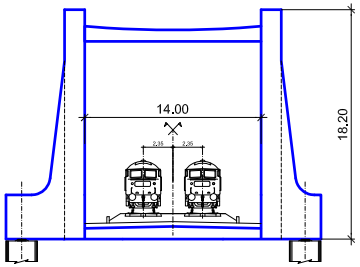
POSICIÓN PARA ESTADO DE CARGA E7



ALZADO



PLANTA



SECCIÓN TRANSVERSAL

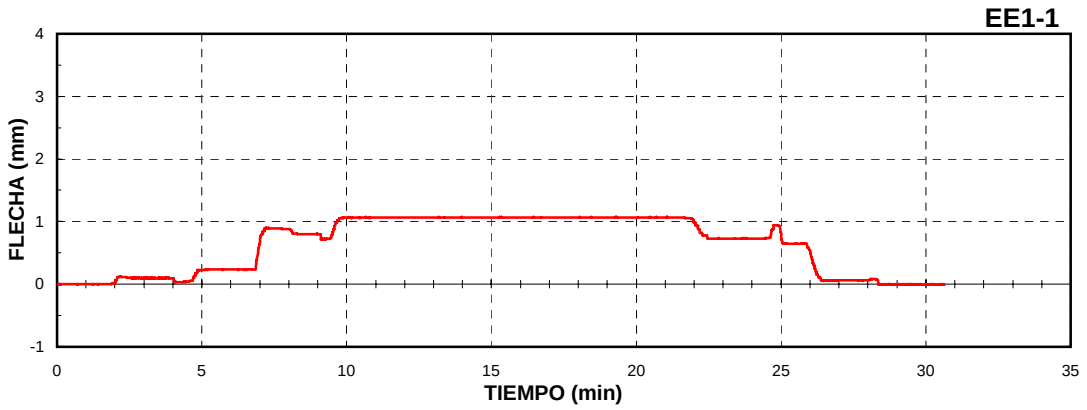
ANEJO 4: REGISTRO DE MEDIDAS

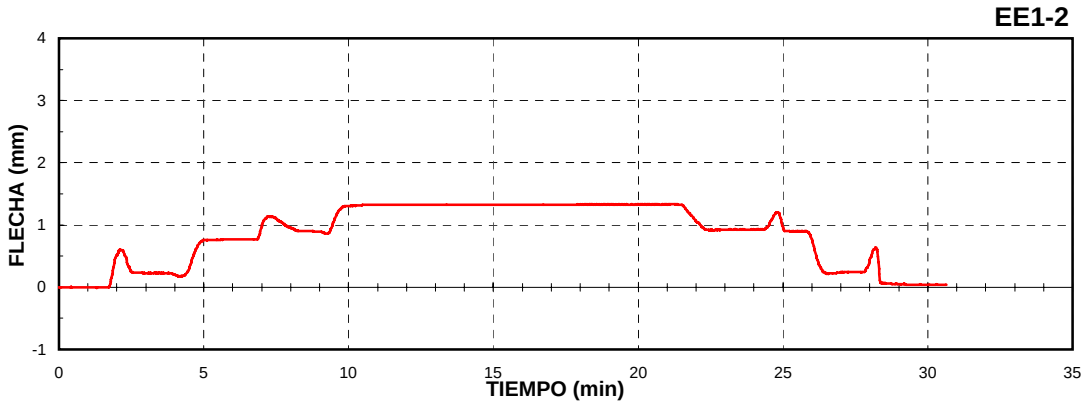
VIADUCTO METÁLICO SOBRE AP-7

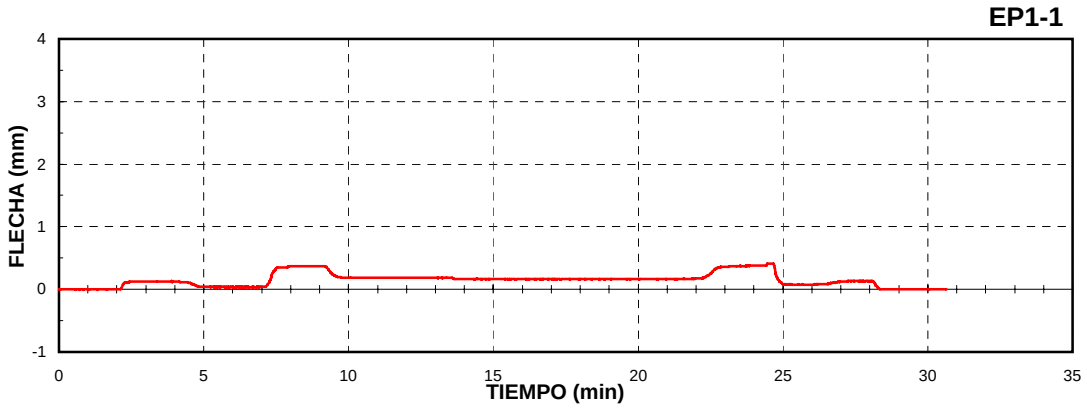
Estado 1: Carga en vanos 1 y 3

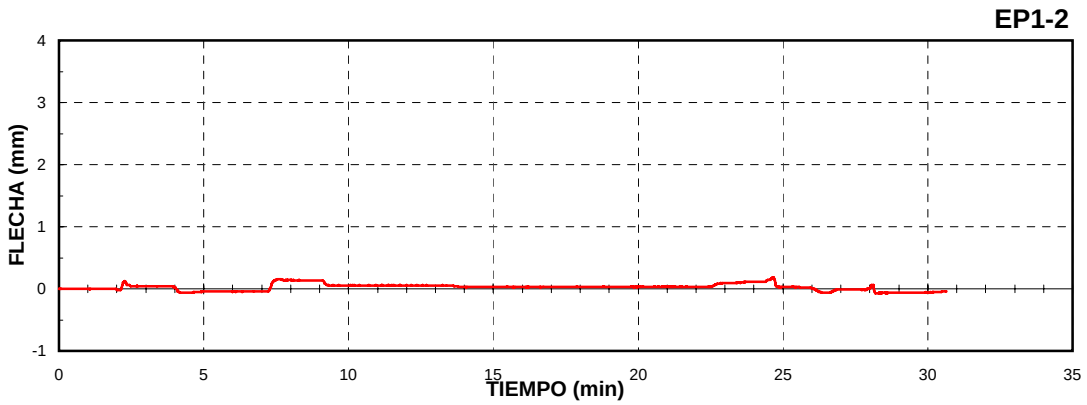
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 1: Carga en vanos 1 y 3

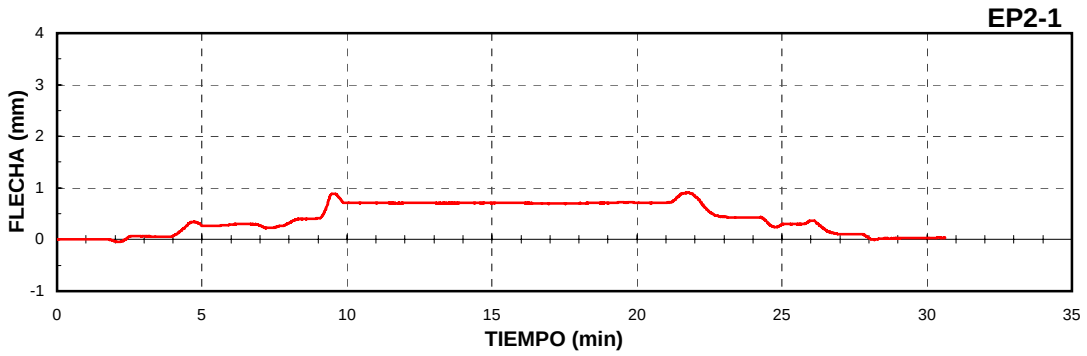


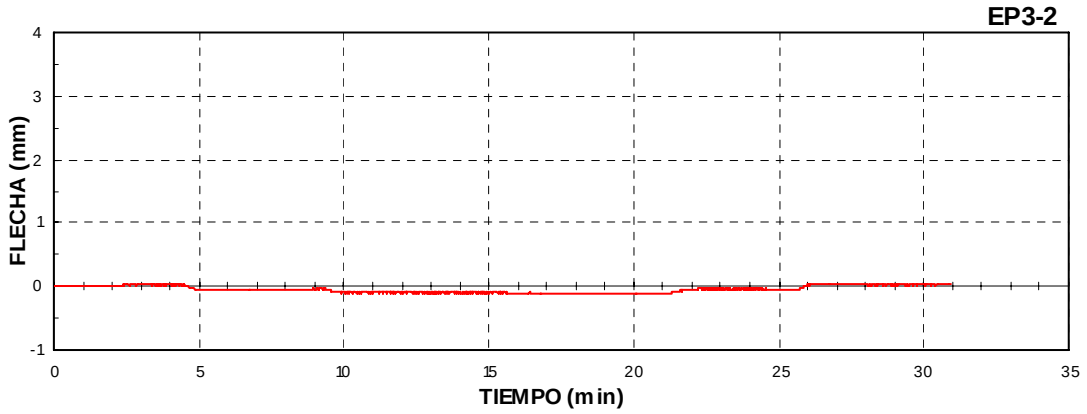




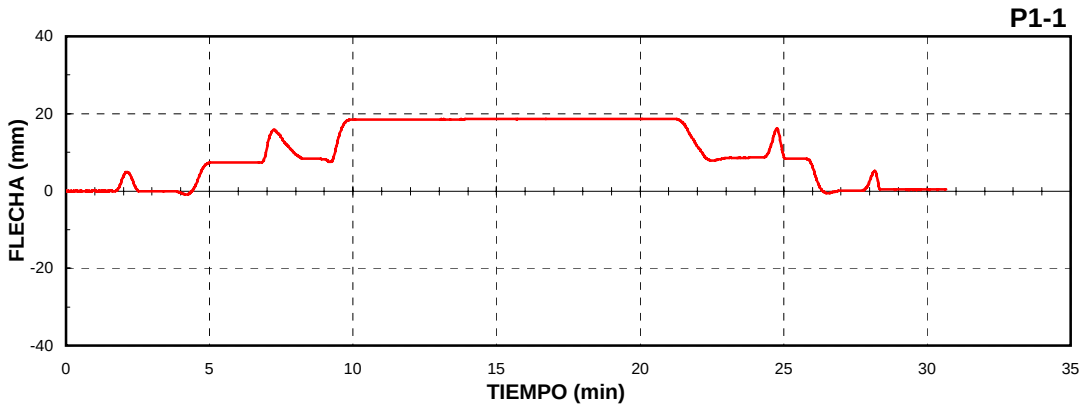


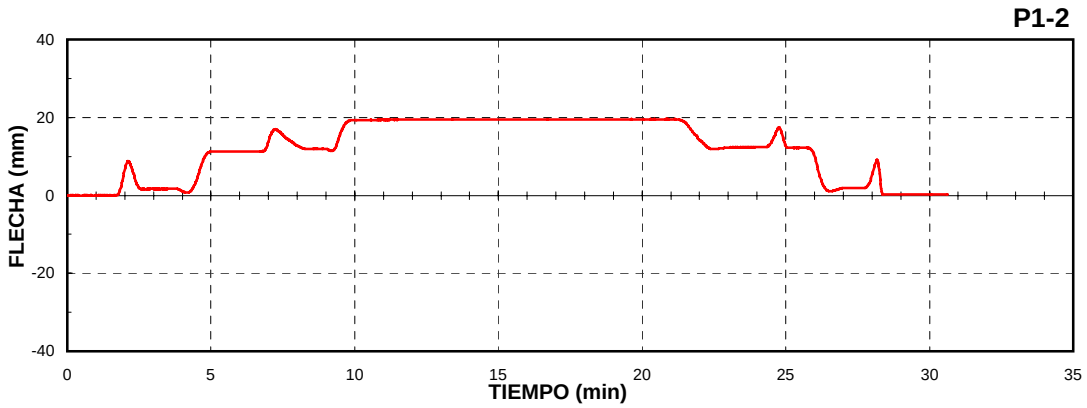
VIADUCTO METÁLICO SOBRE AP-7. Estado 1: Carga en vanos 1 y 3

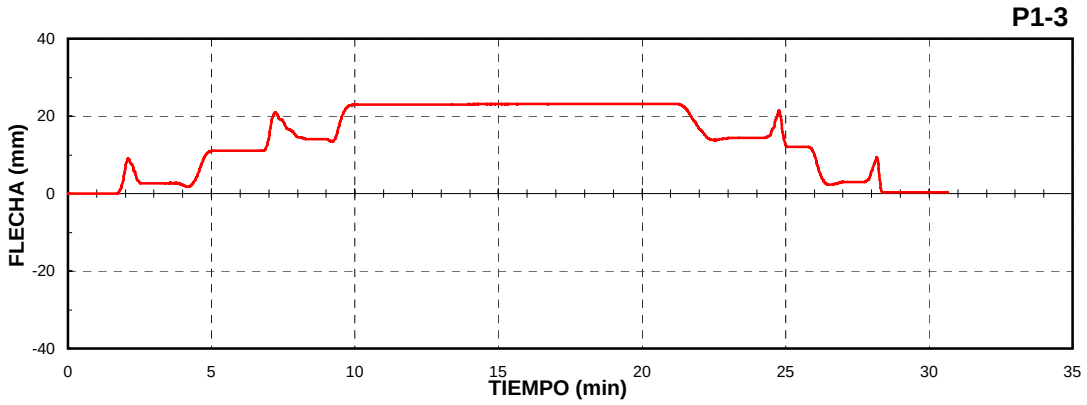


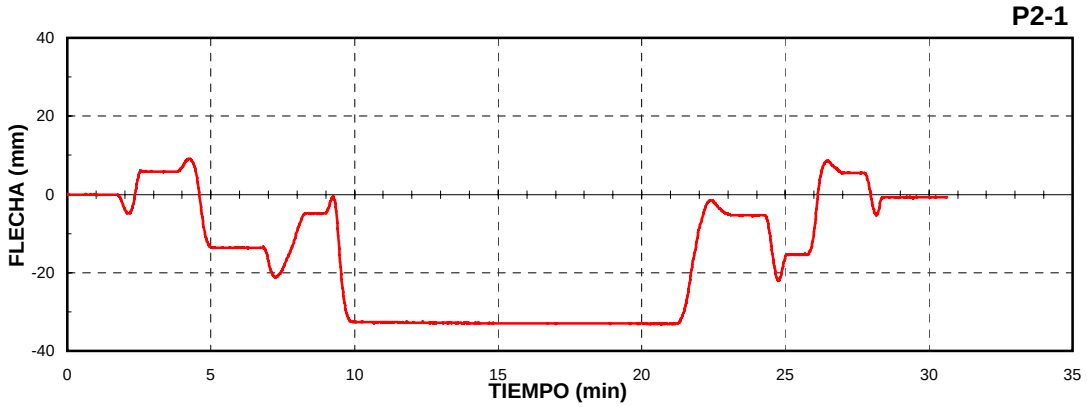


VIADUCTO METÁLICO SOBRE AP-7. Estado 1: Carga en vanos 1 y 3

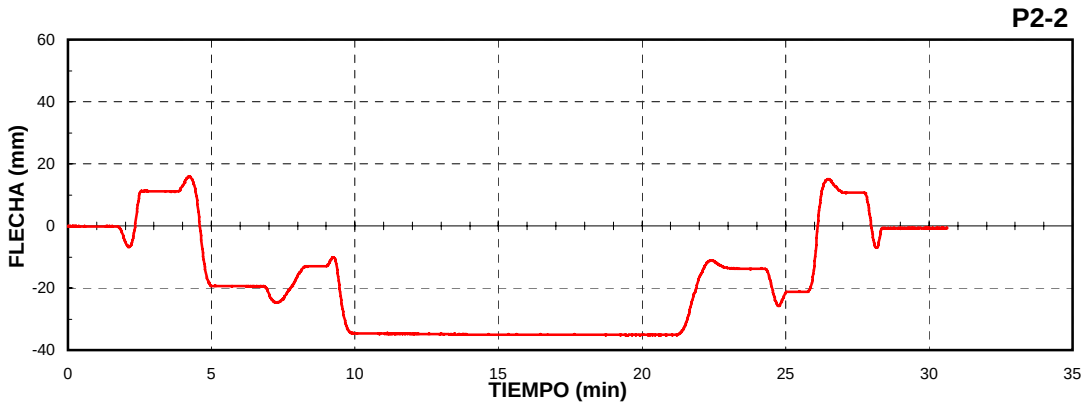


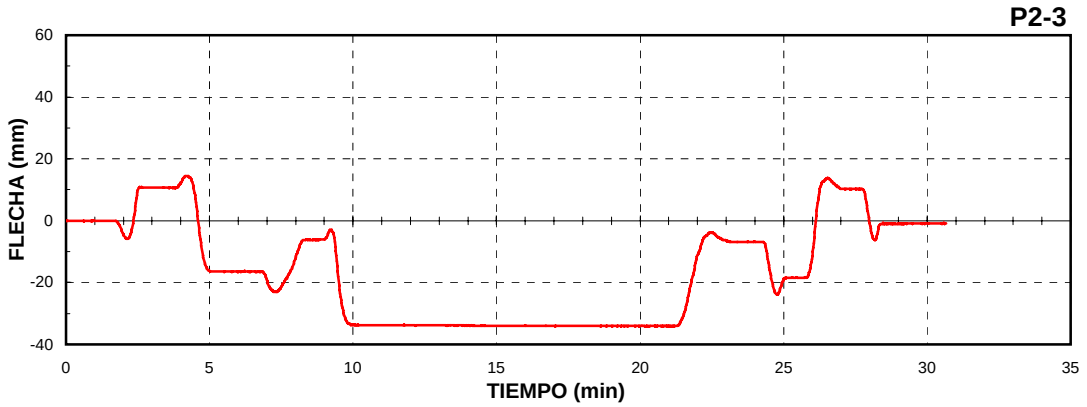


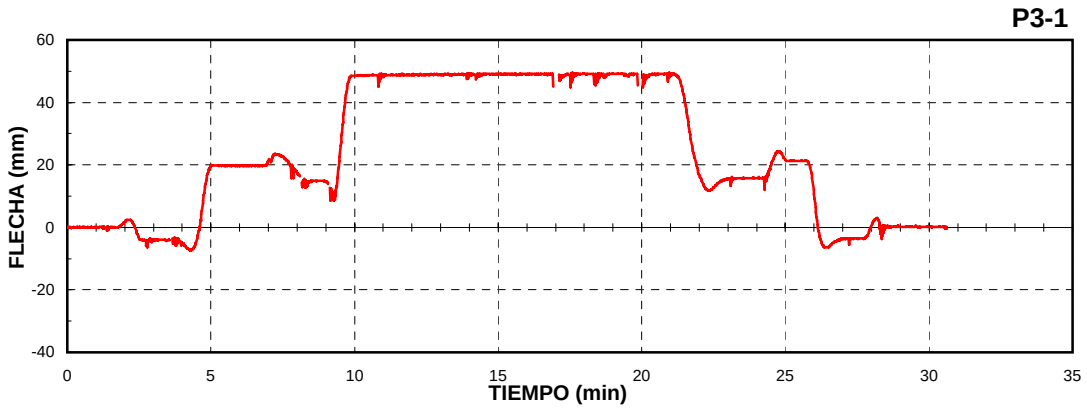




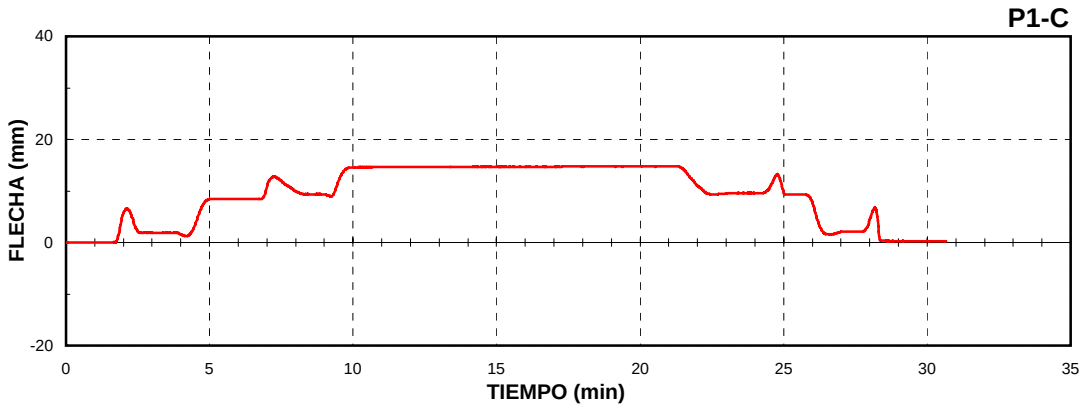
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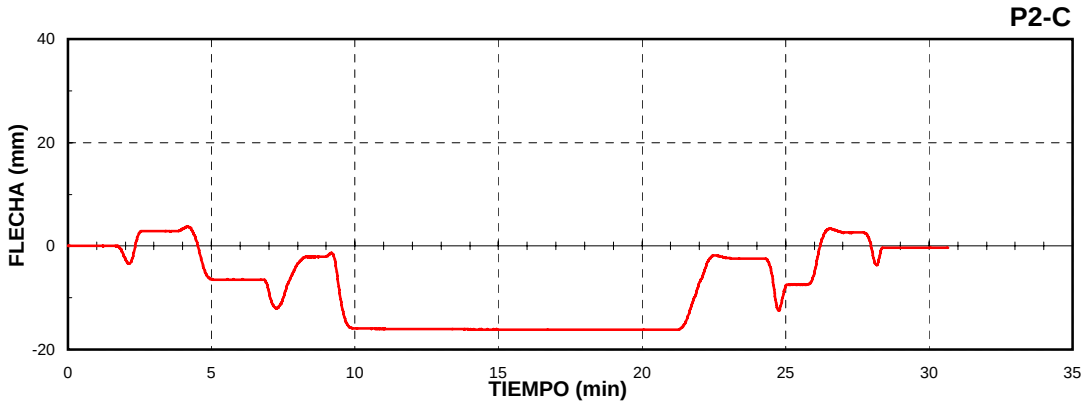


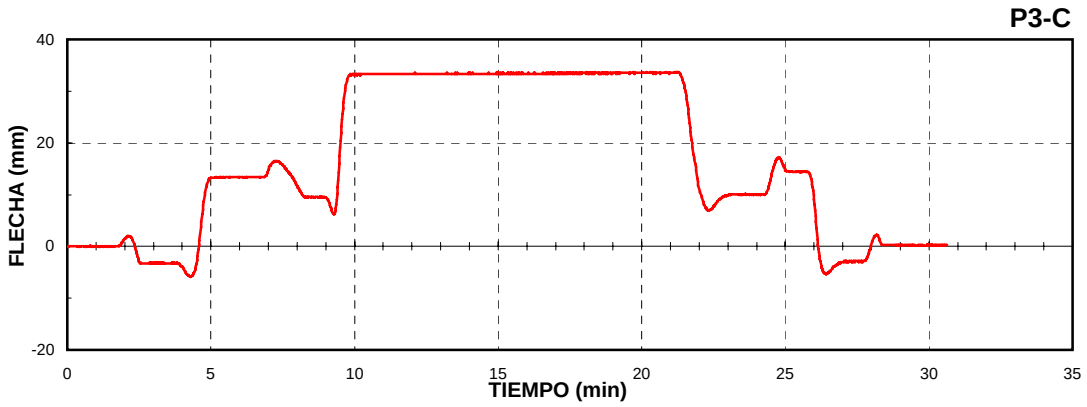




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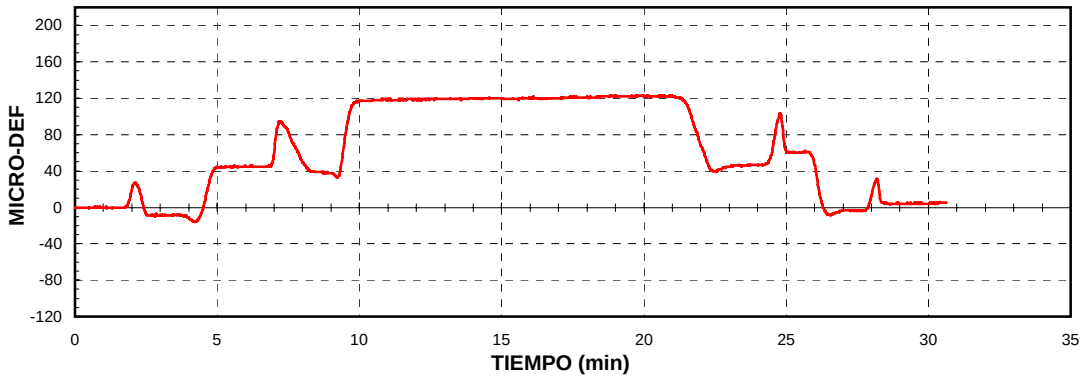




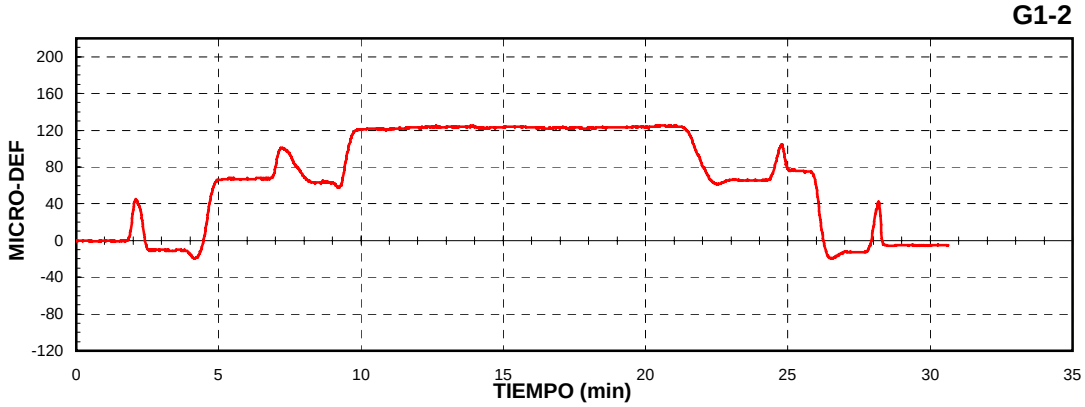


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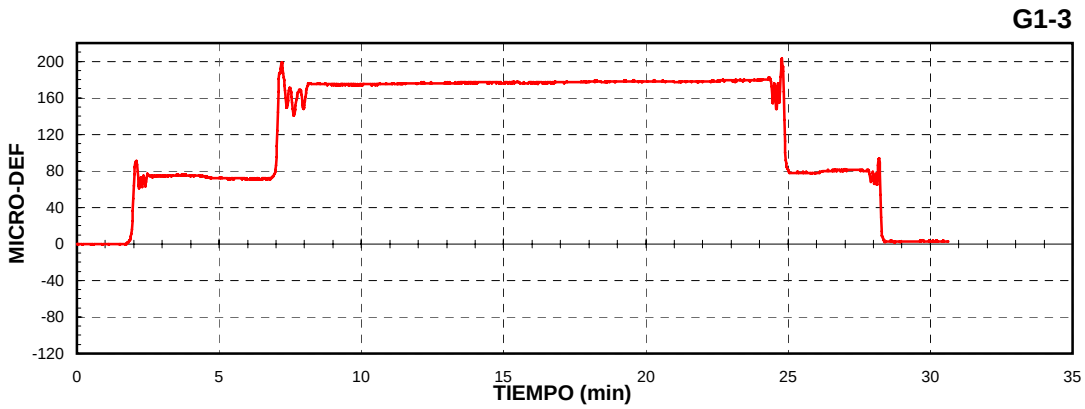
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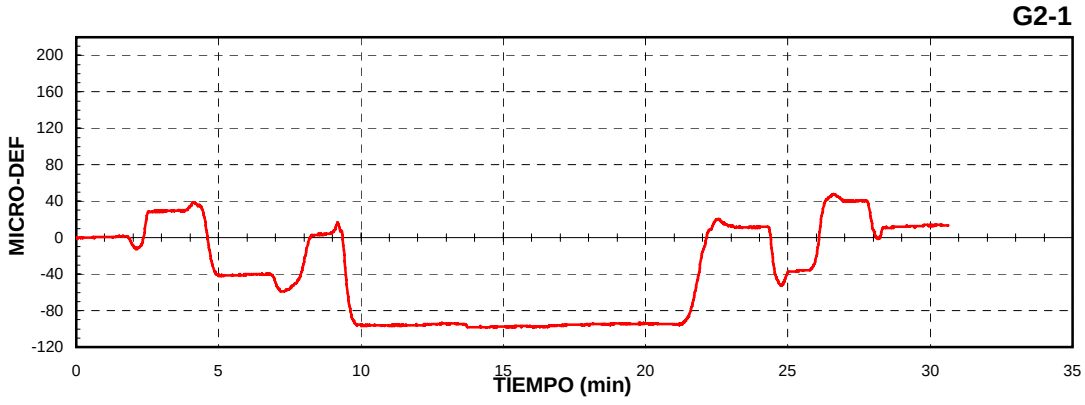
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G1-3

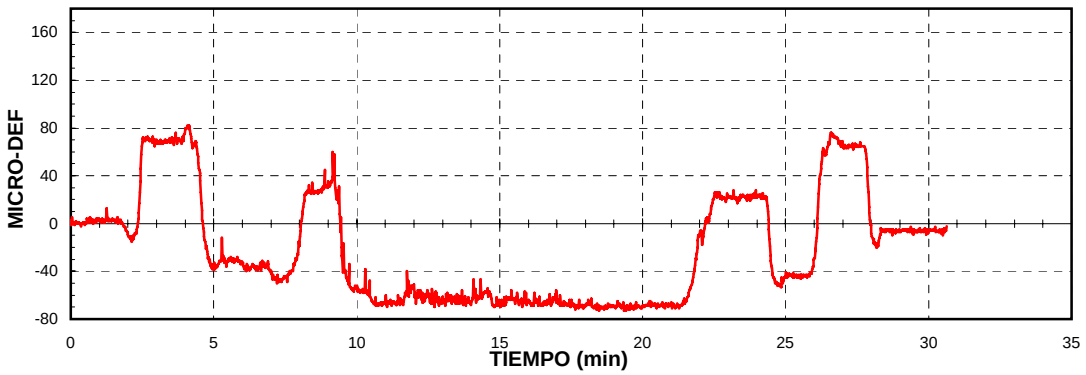


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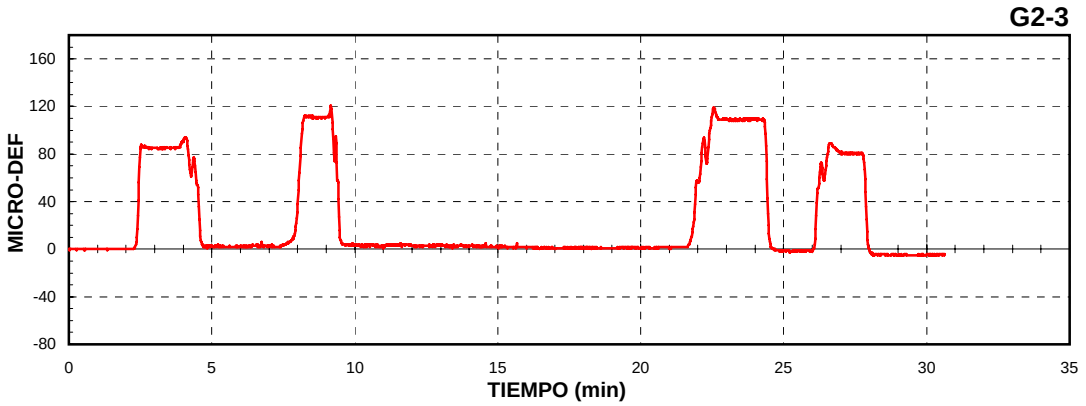


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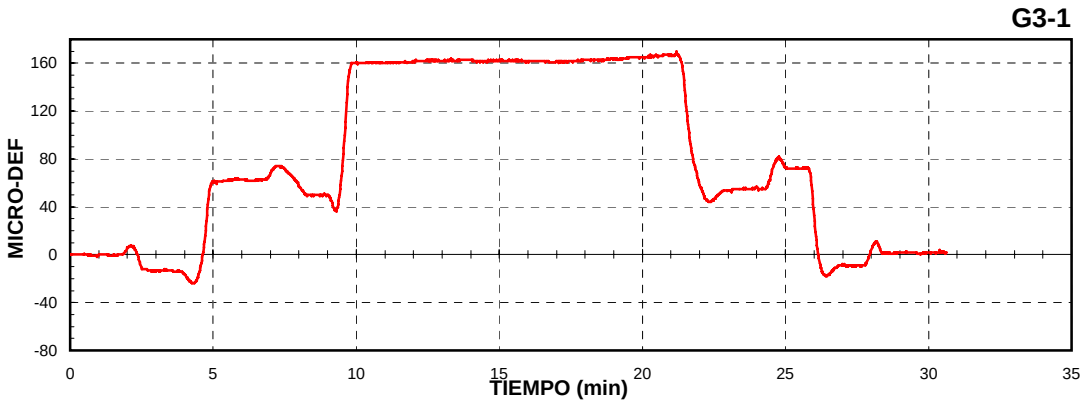
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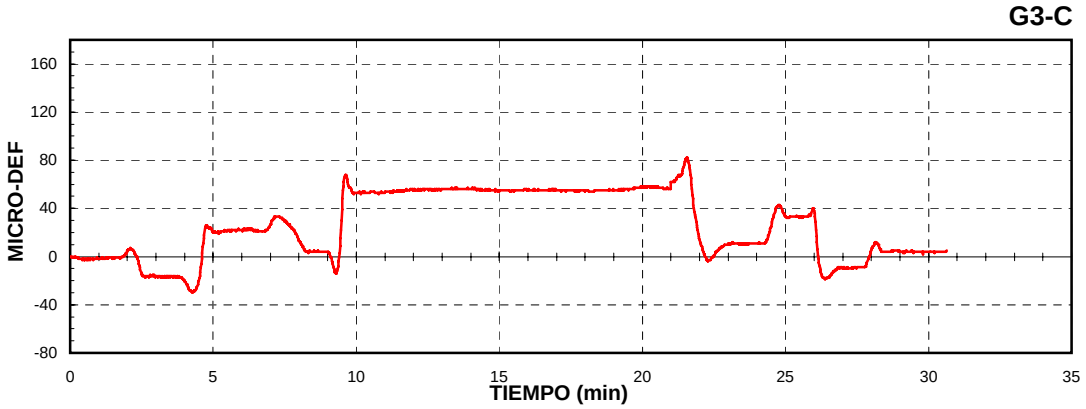
G2-3



G3-1



G3-C

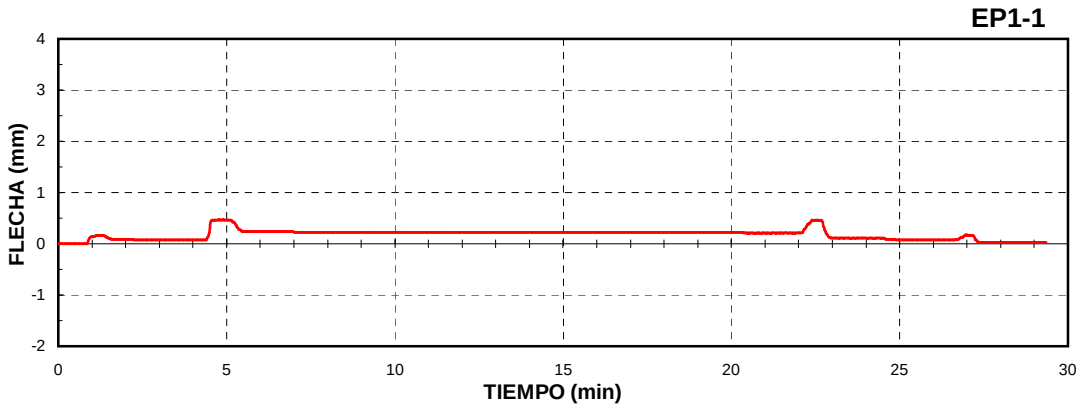


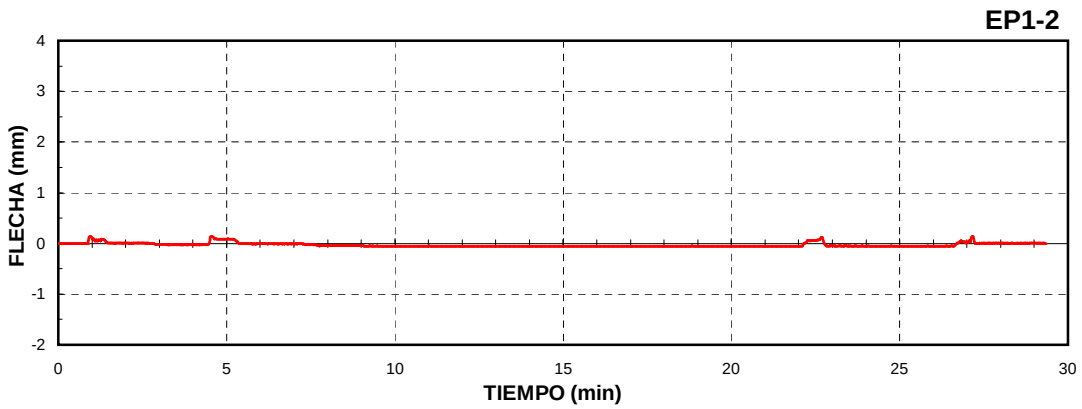
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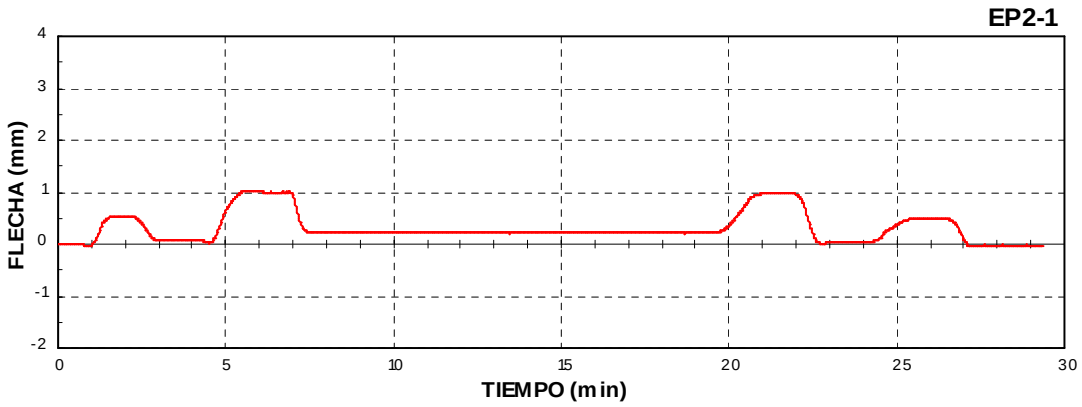
Estado 2: Carga en vanos 2 y 4

PRUEBA ESTÁTICA

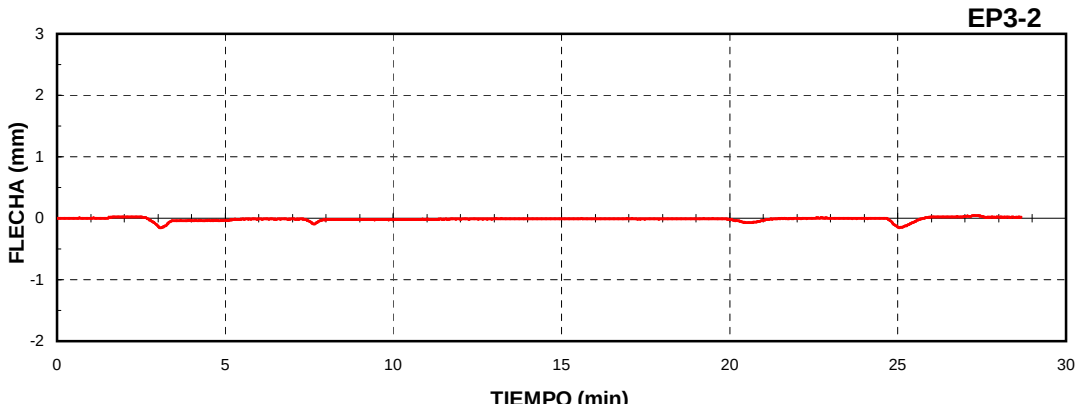
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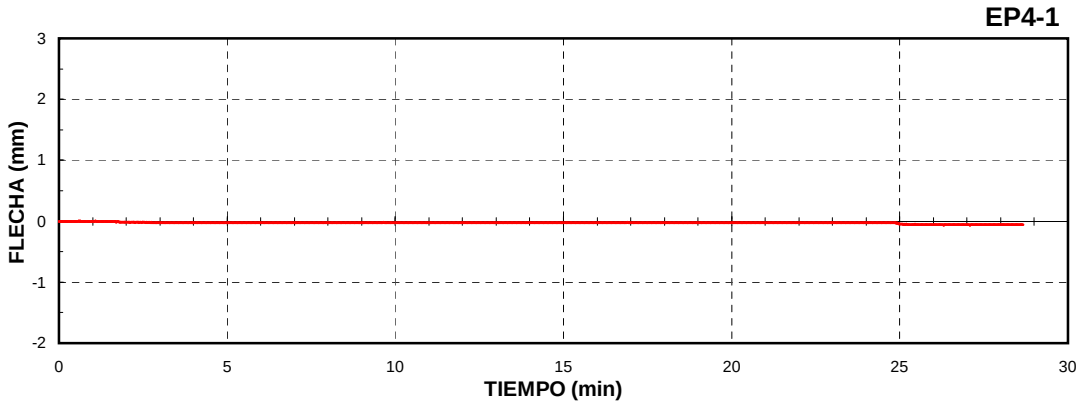


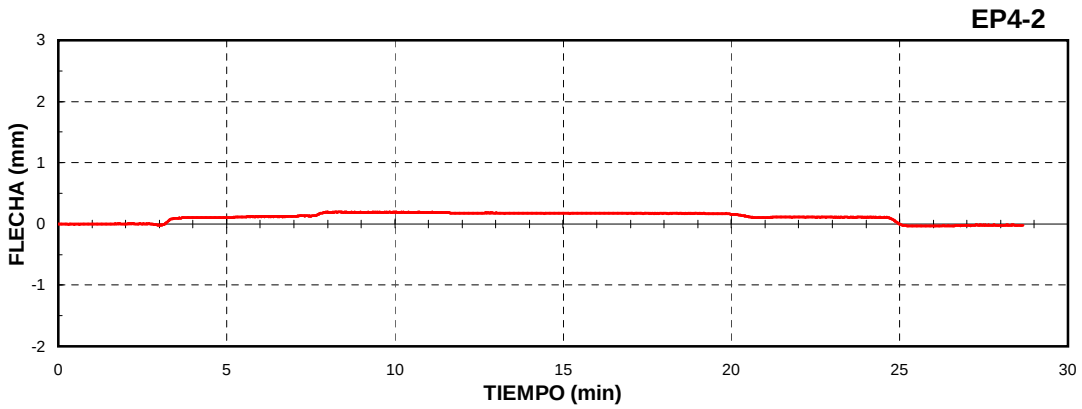




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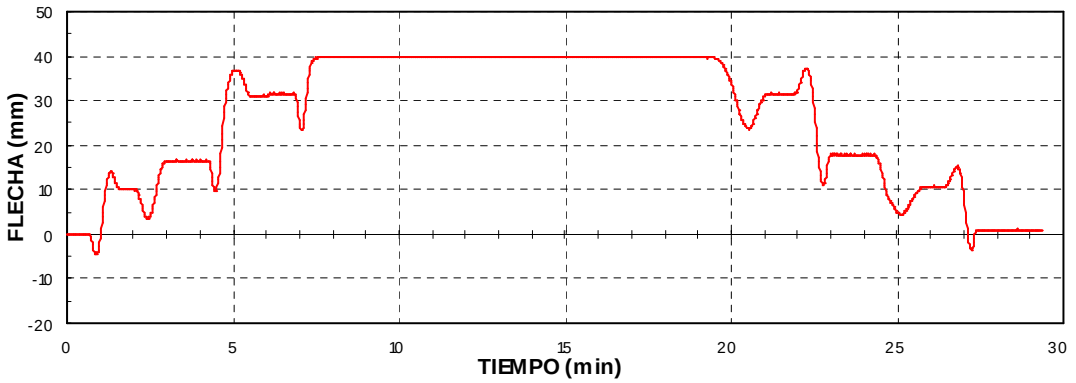




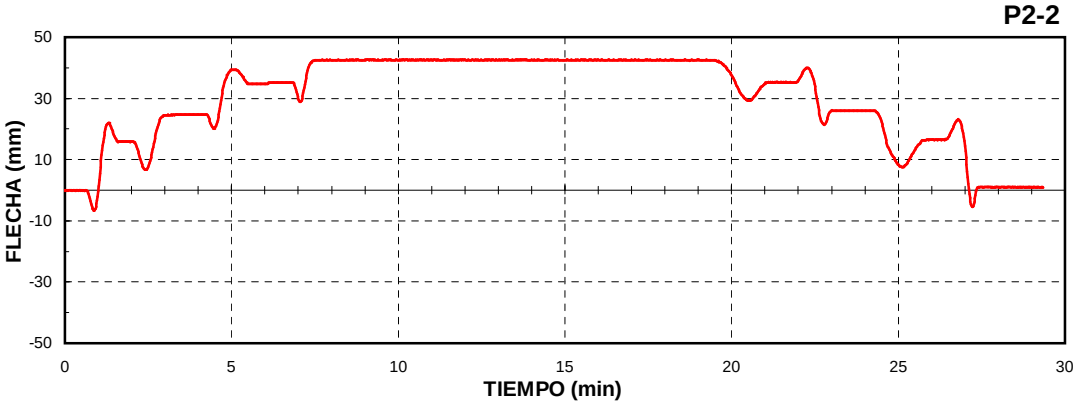


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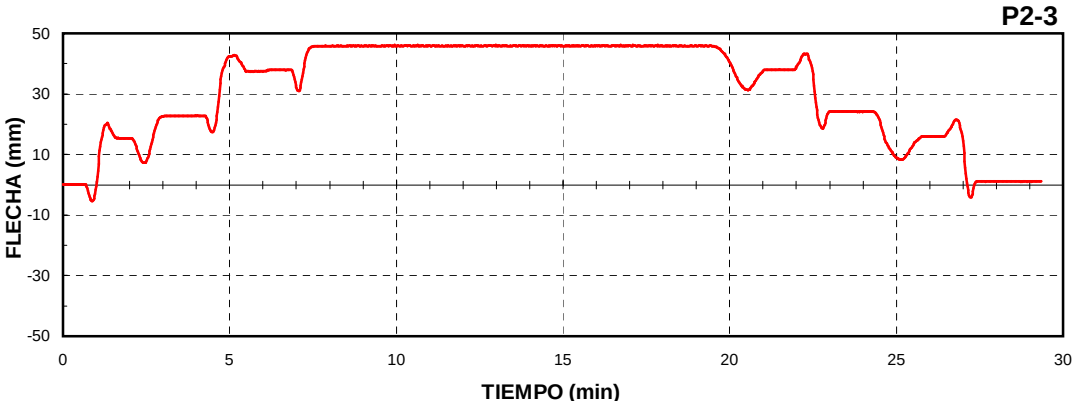
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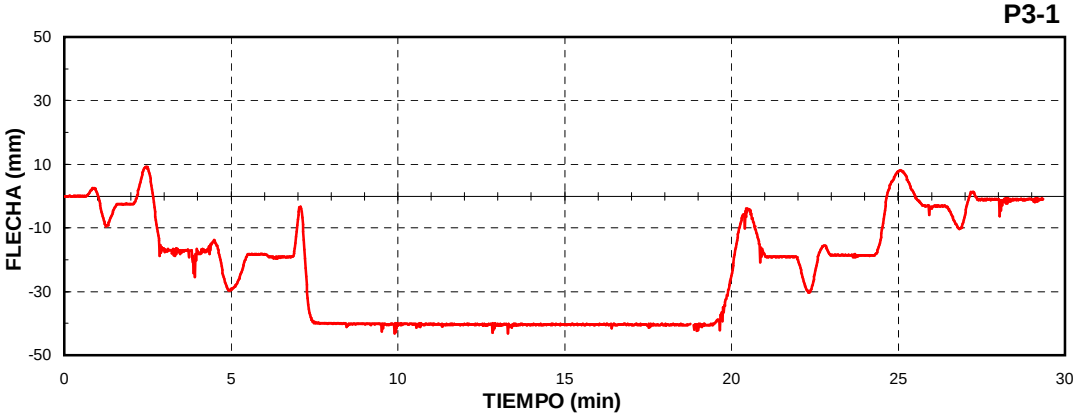
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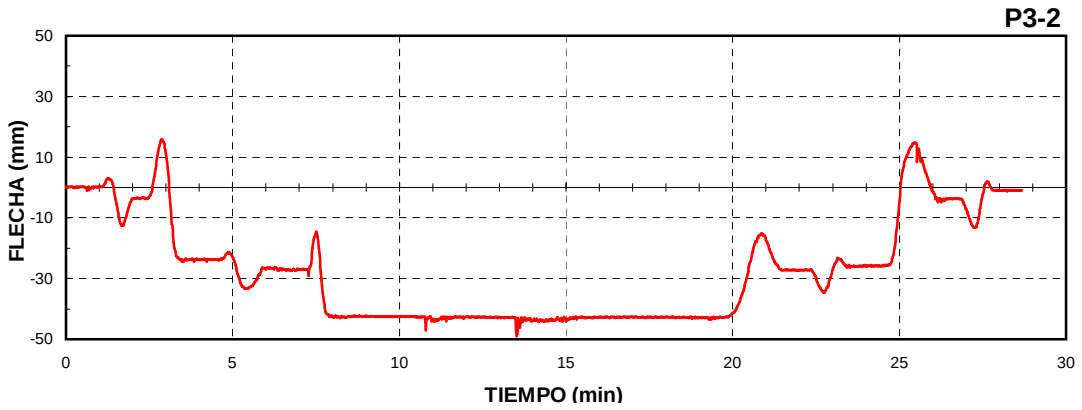
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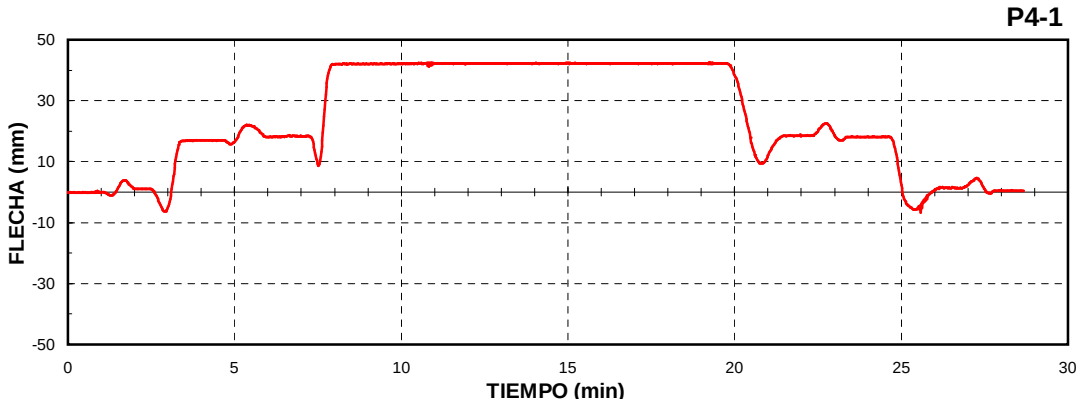


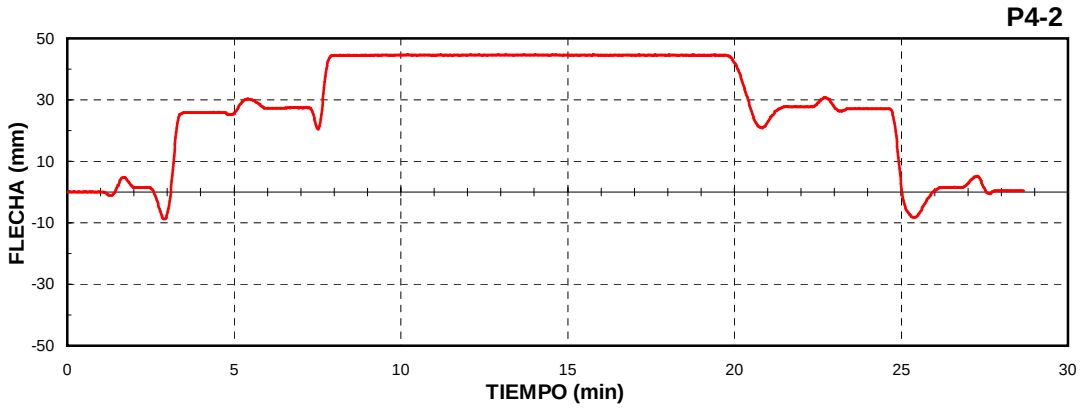
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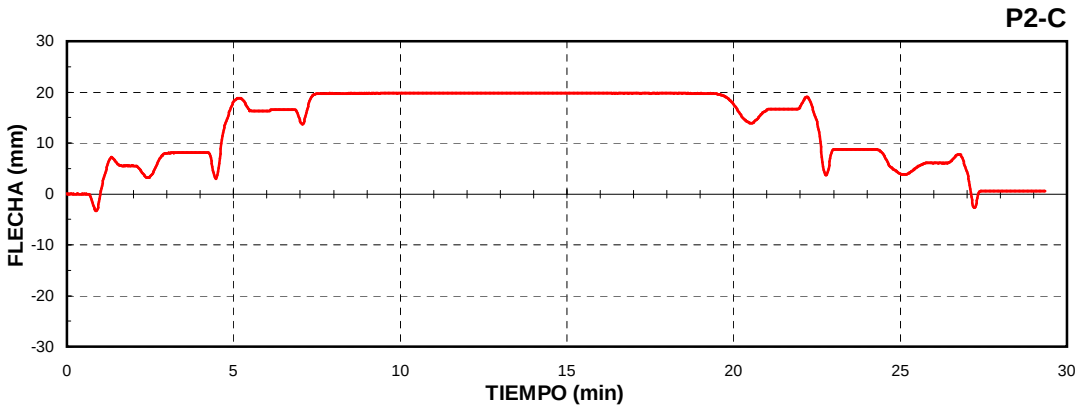
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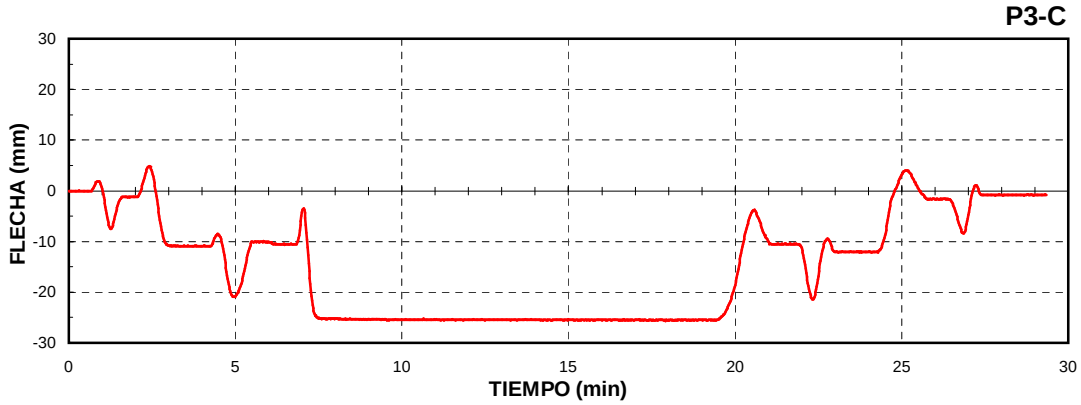


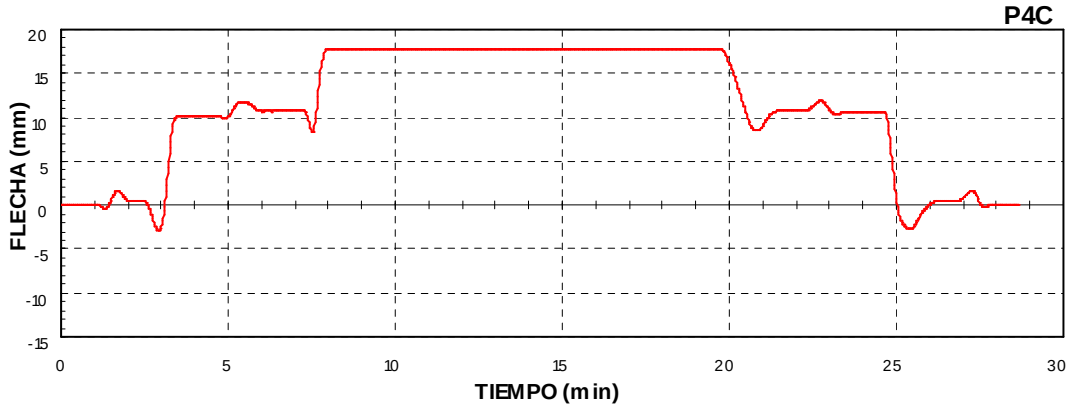




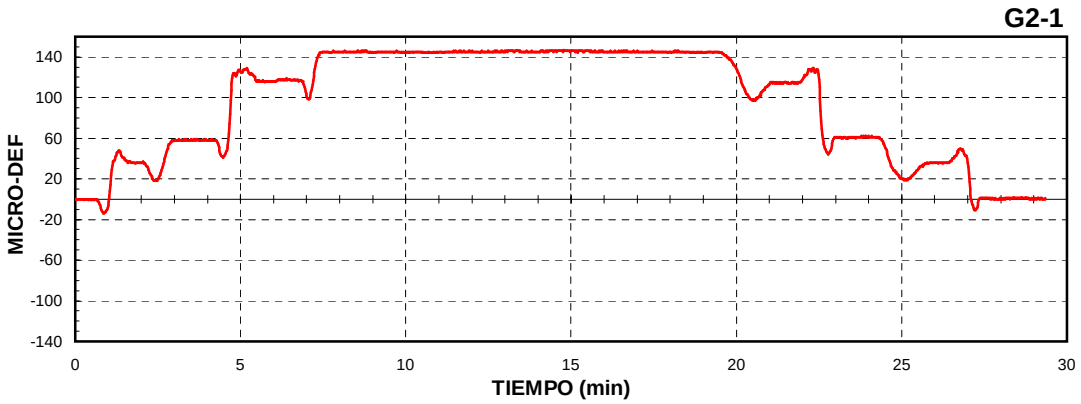
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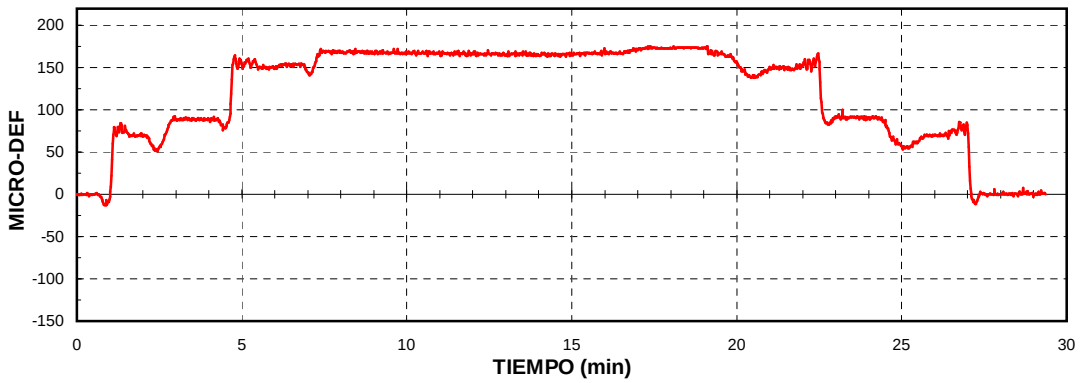


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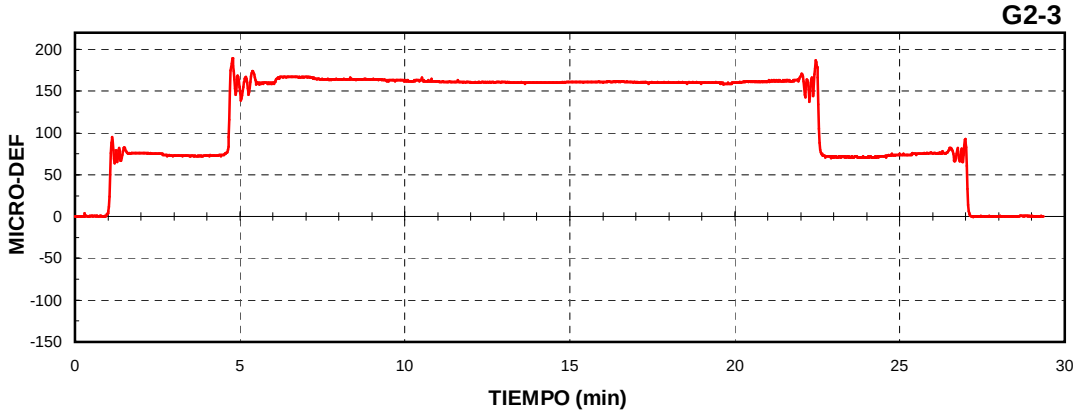


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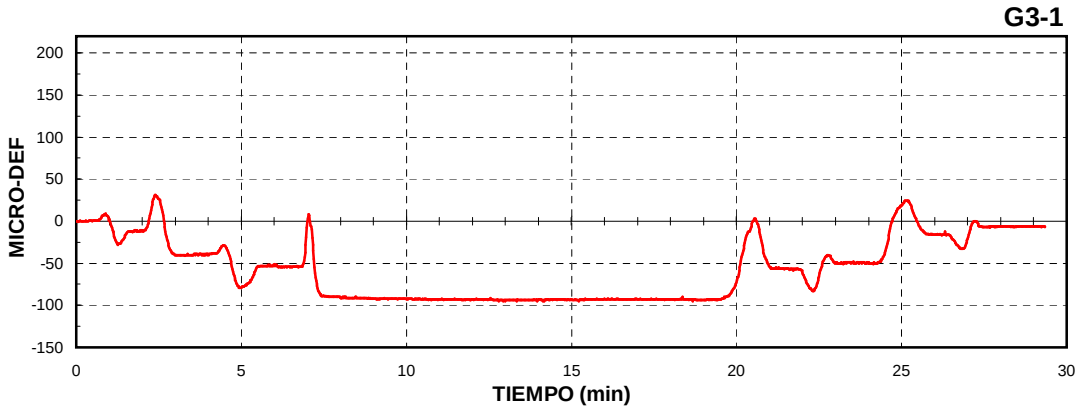
G2-2



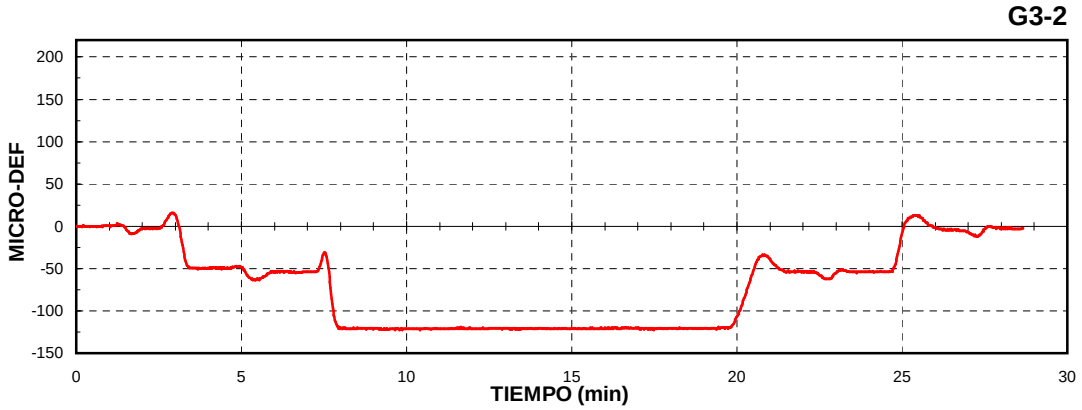
G2-3



G3-1

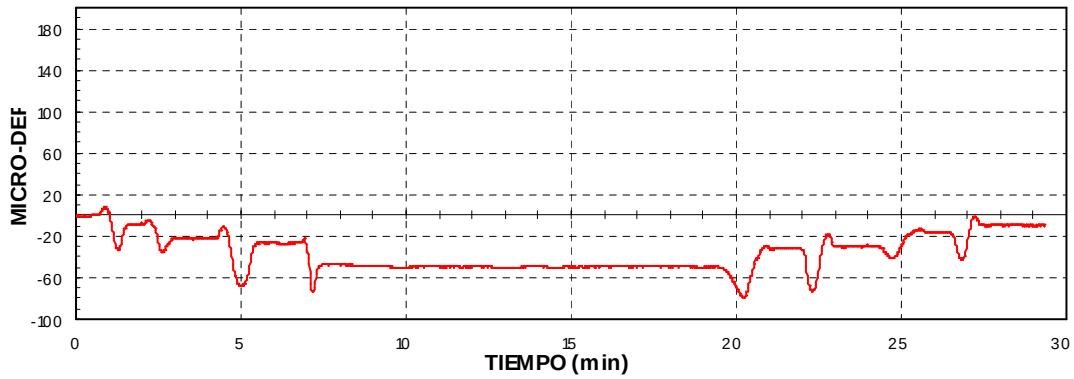


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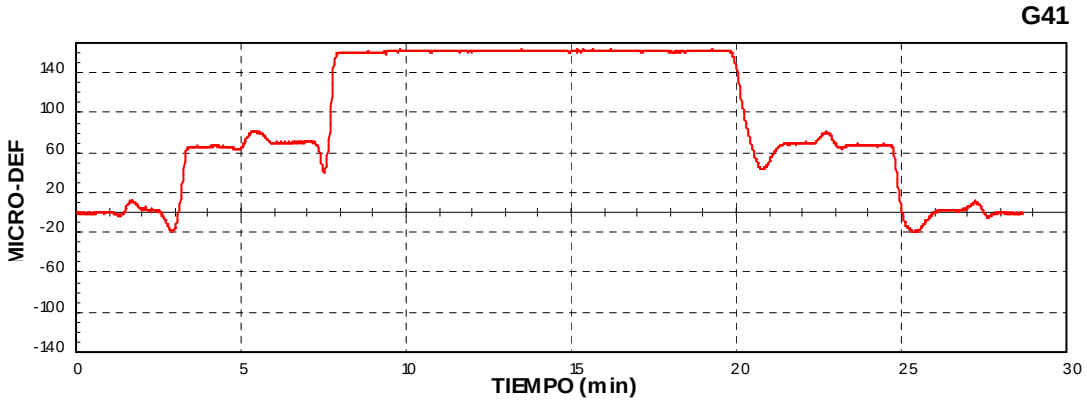


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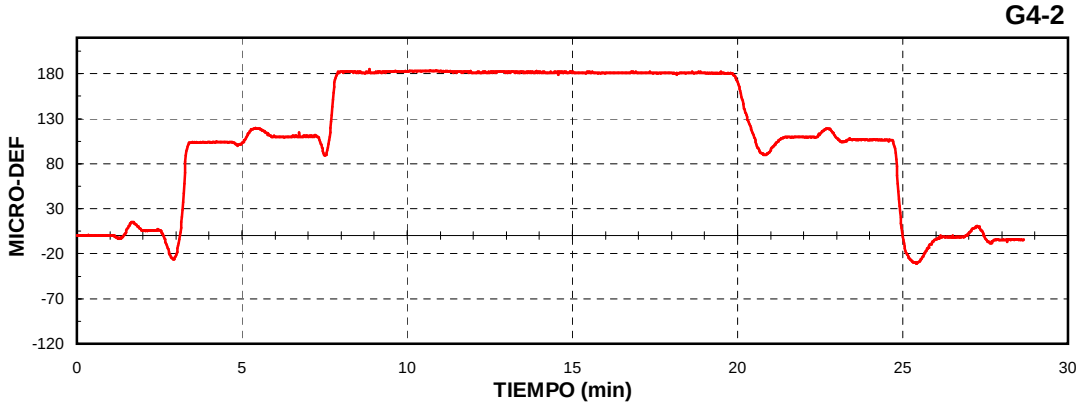
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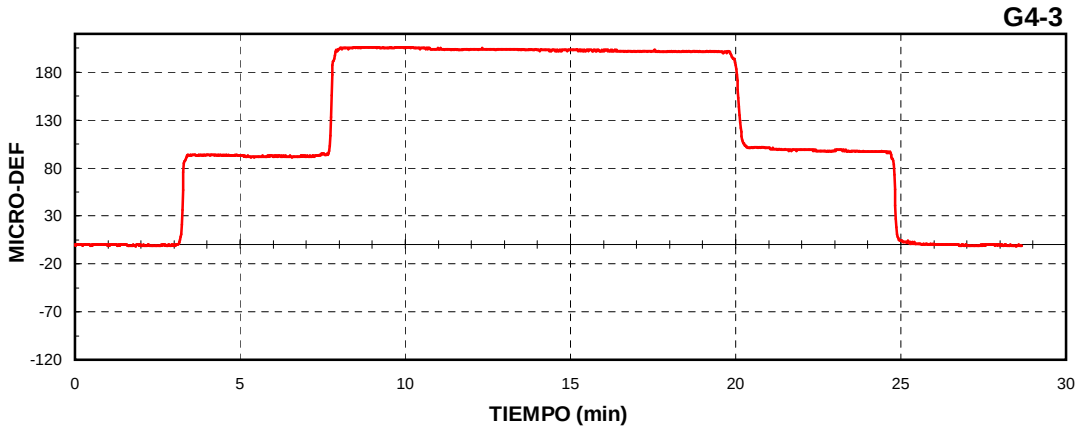
G41



G4-2



G4-3

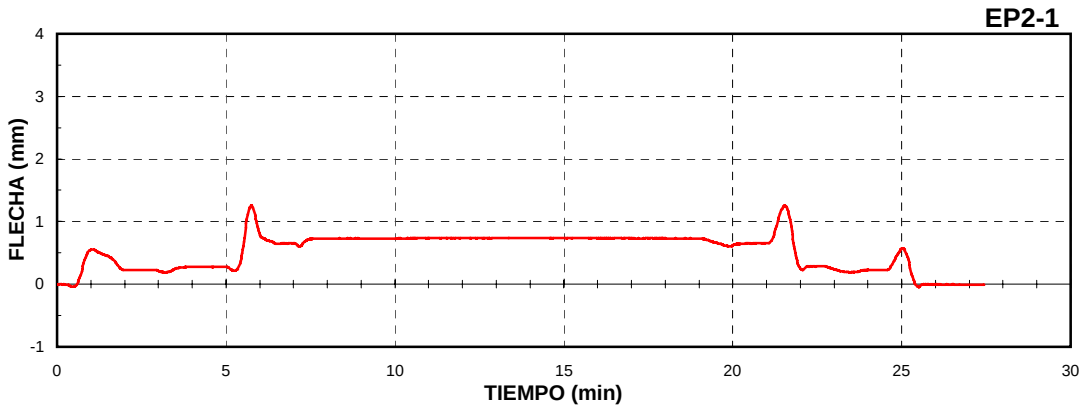


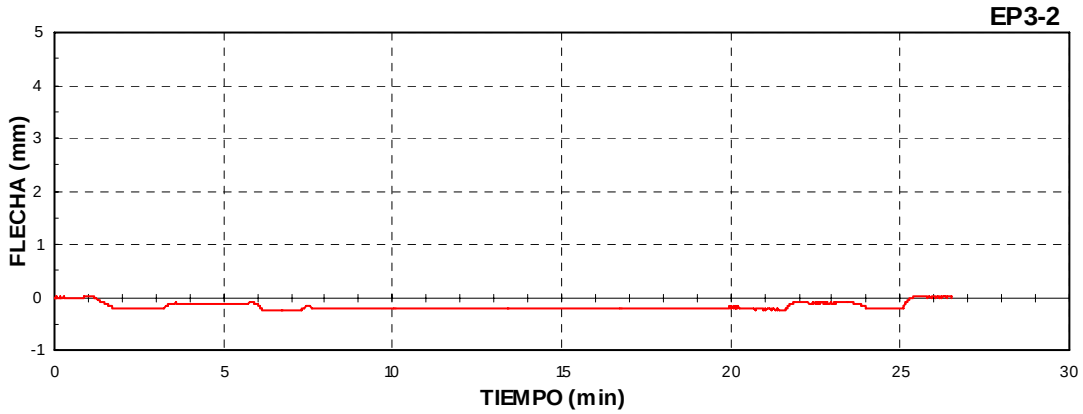
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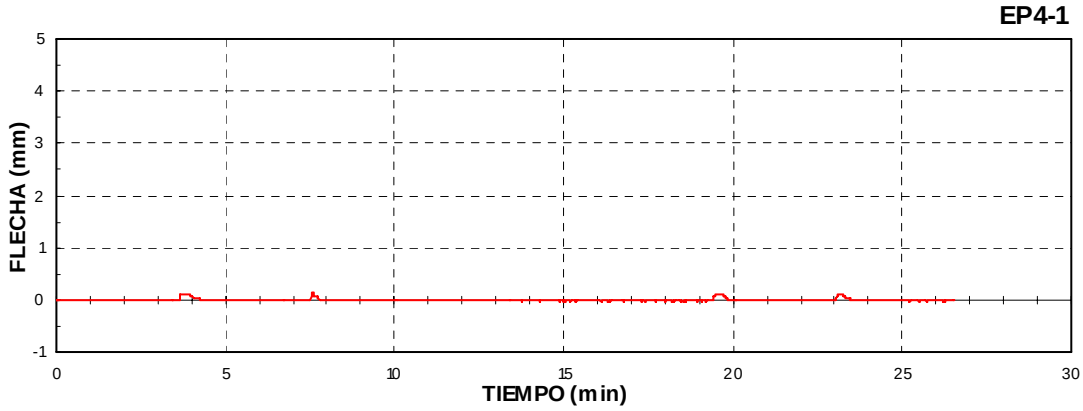
Estado 3: Carga en vanos 3 y 5

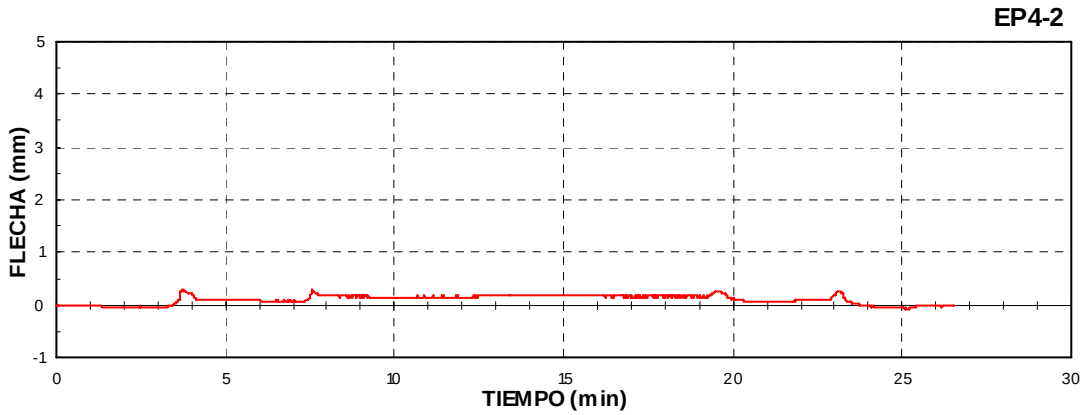
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 3: Carga en vanos 3 y 5

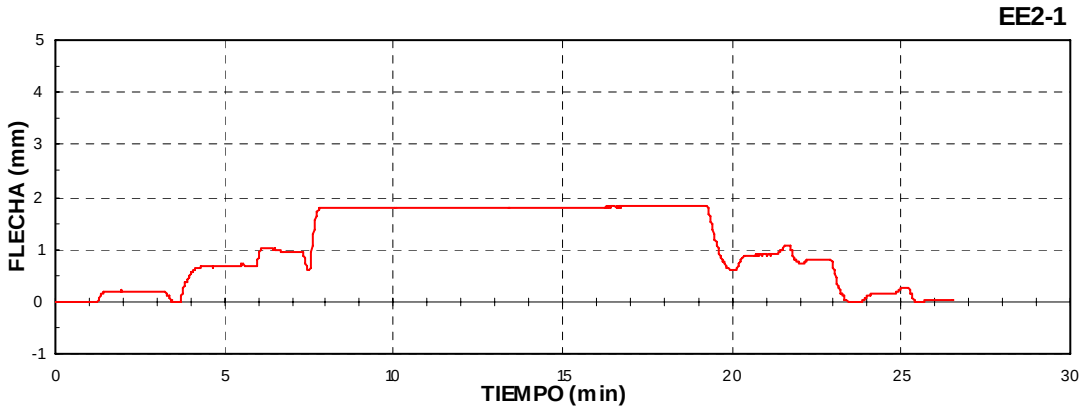


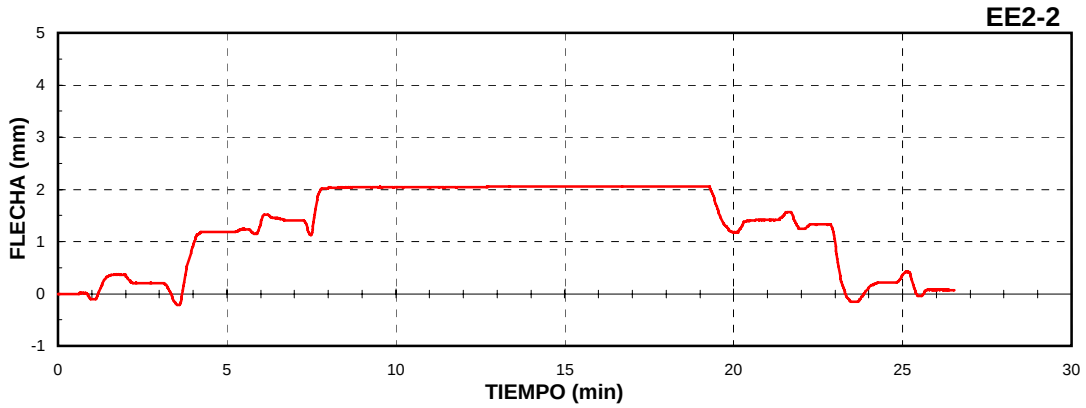






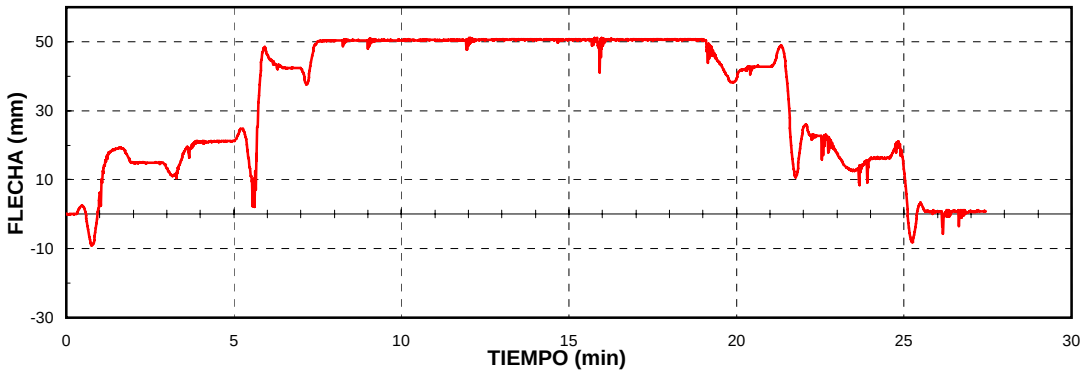
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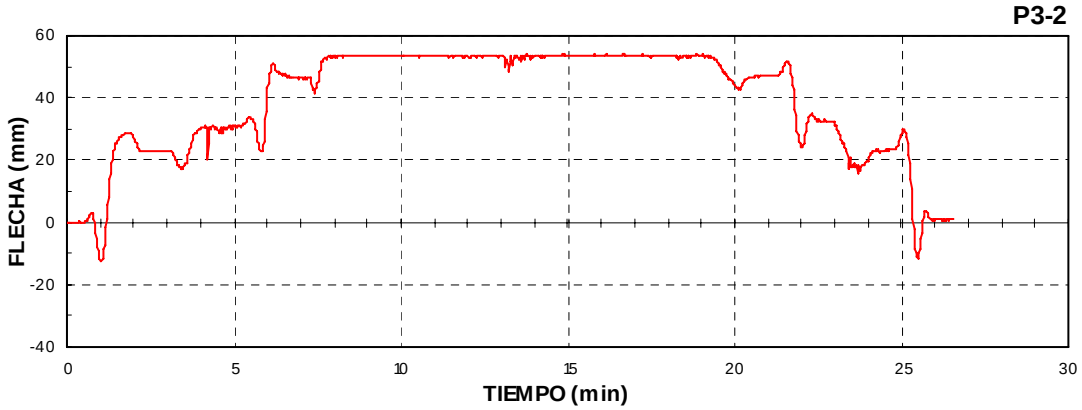


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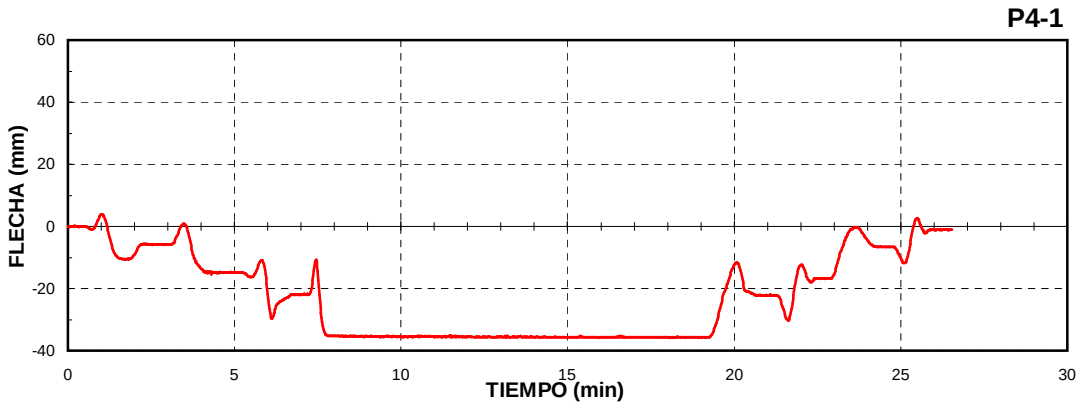
P3-1

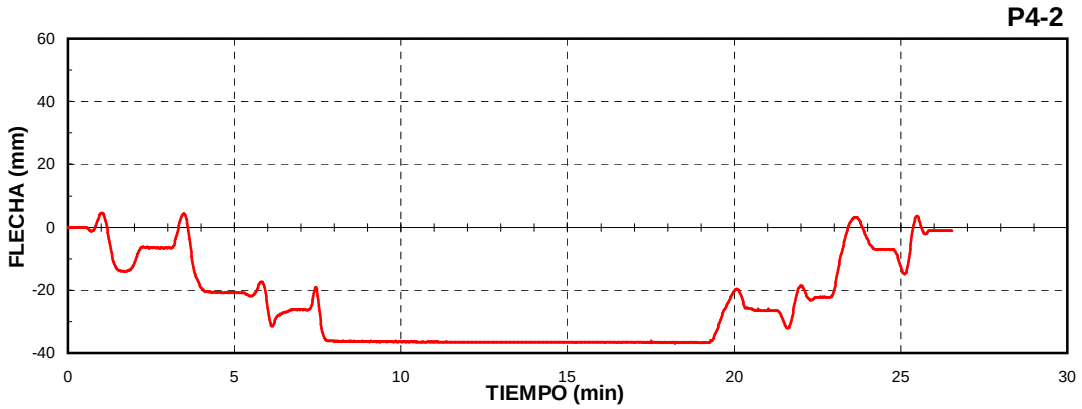


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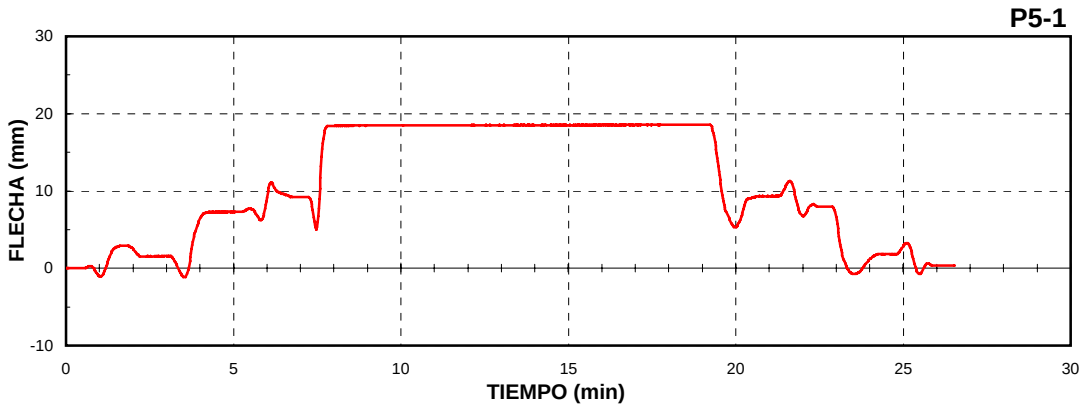


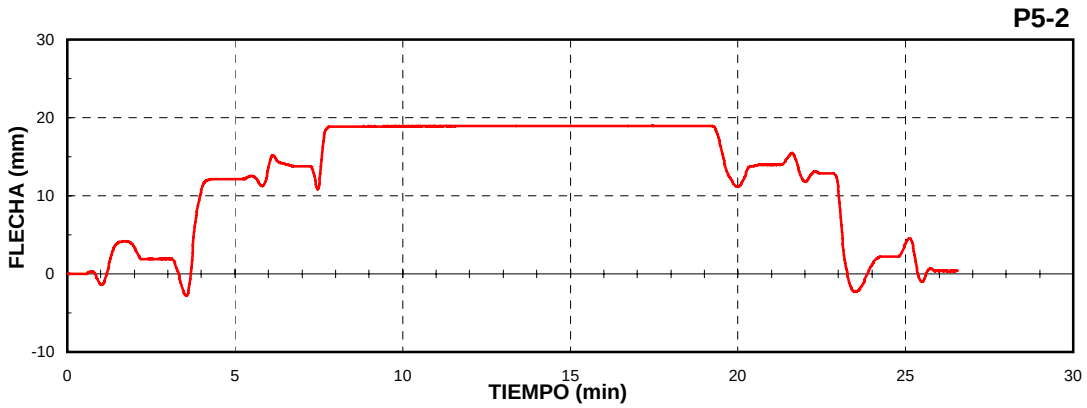
VIADUCTO METÁLICO SOBRE AP-7. Estado 3: Carga en vanos 3 y 5

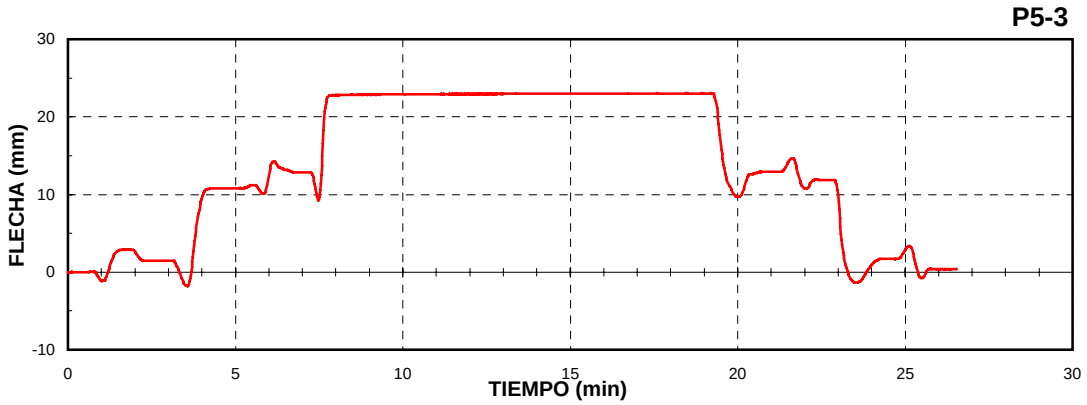




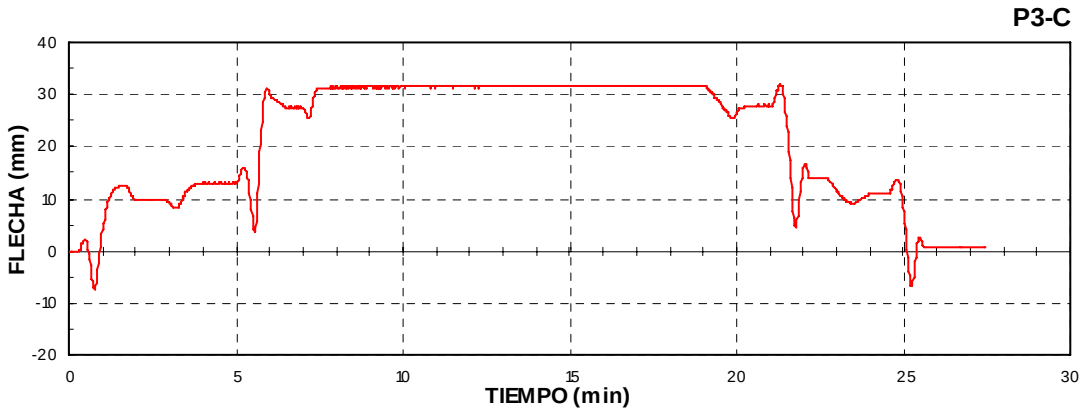
VIADUCTO METÁLICO SOBRE AP-7. Estado 3: Carga en vanos 3 y 5

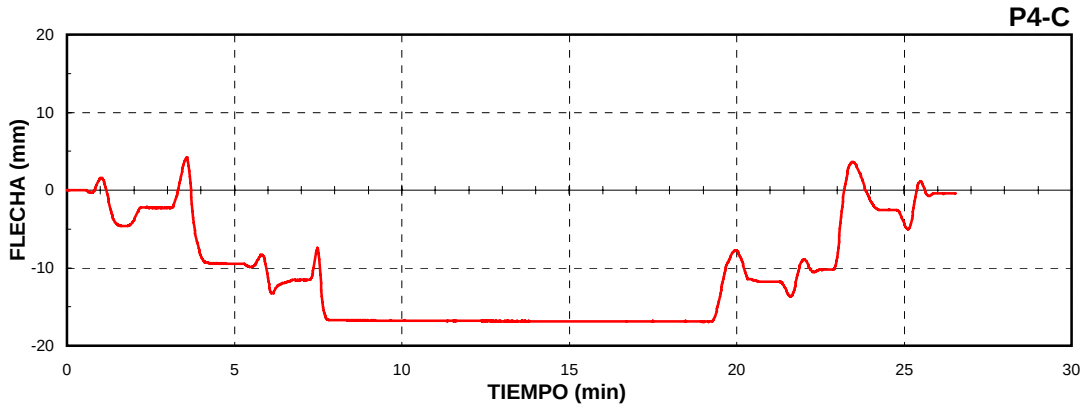


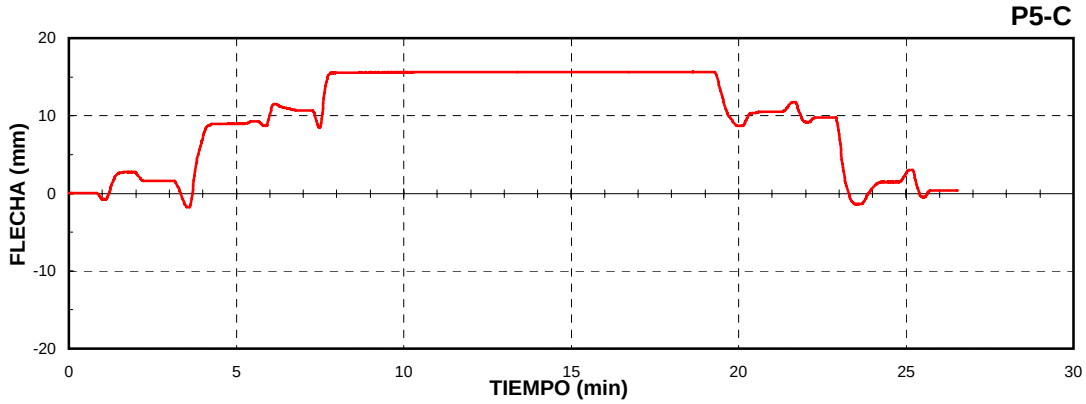




VIADUCTO METÁLICO SOBRE AP-7. Estado 3: Carga en vanos 3 y 5

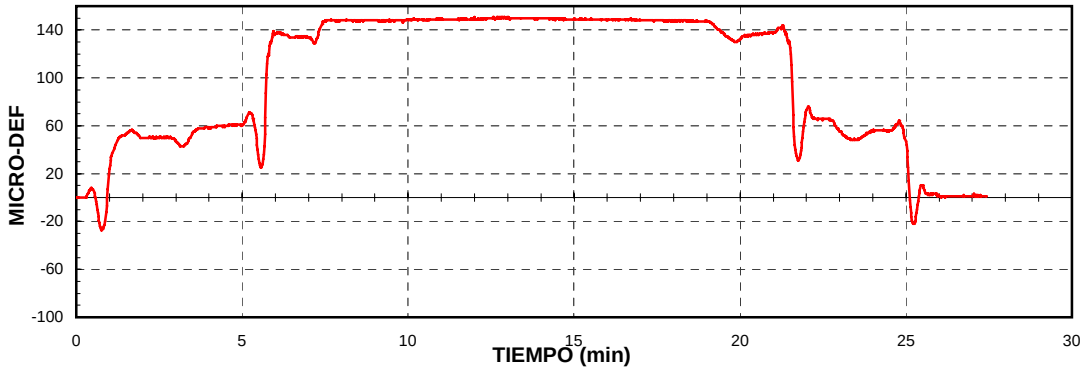




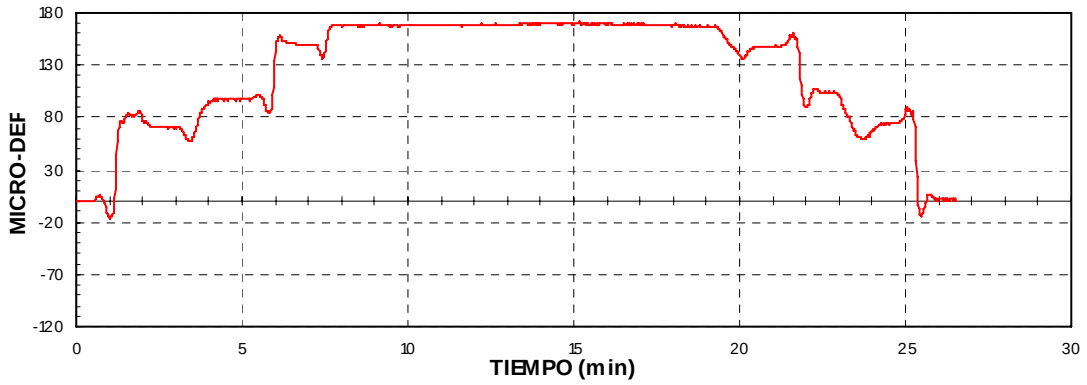


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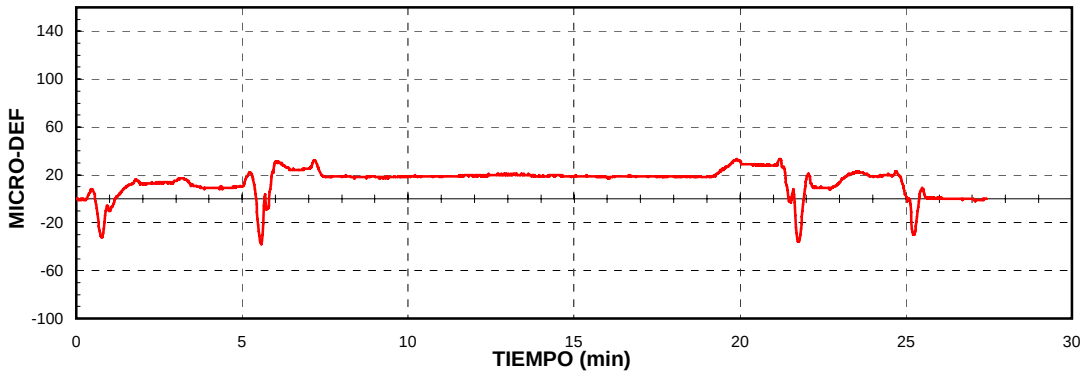
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G3-2

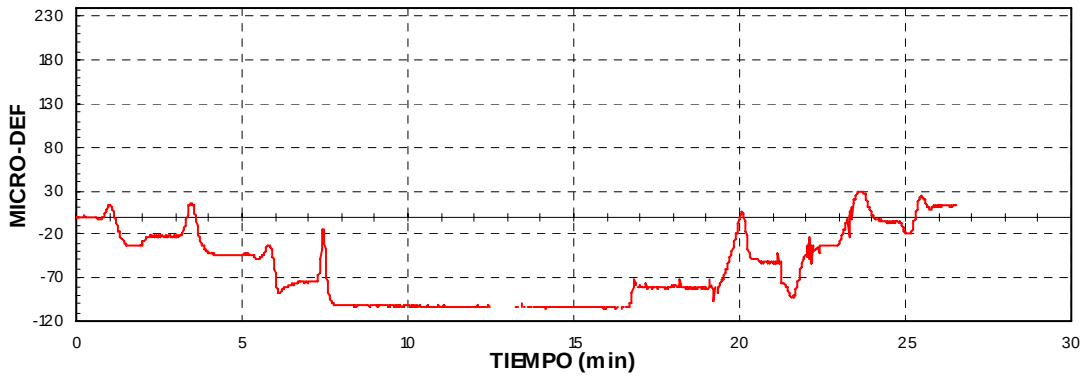


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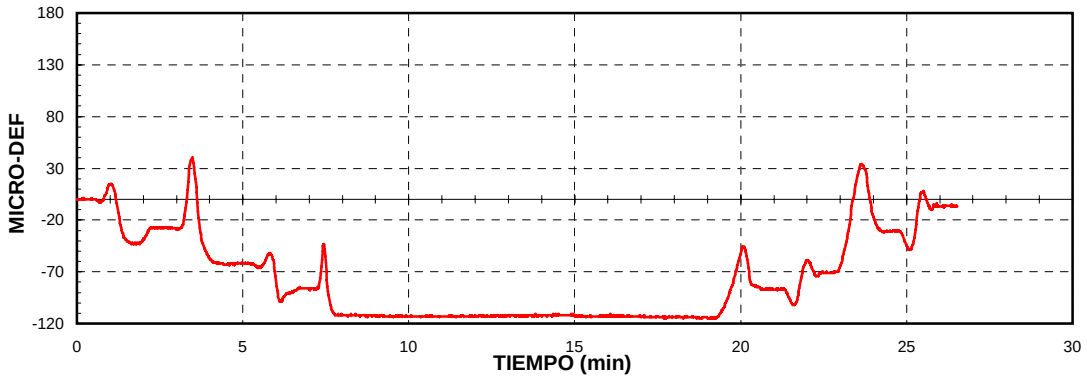


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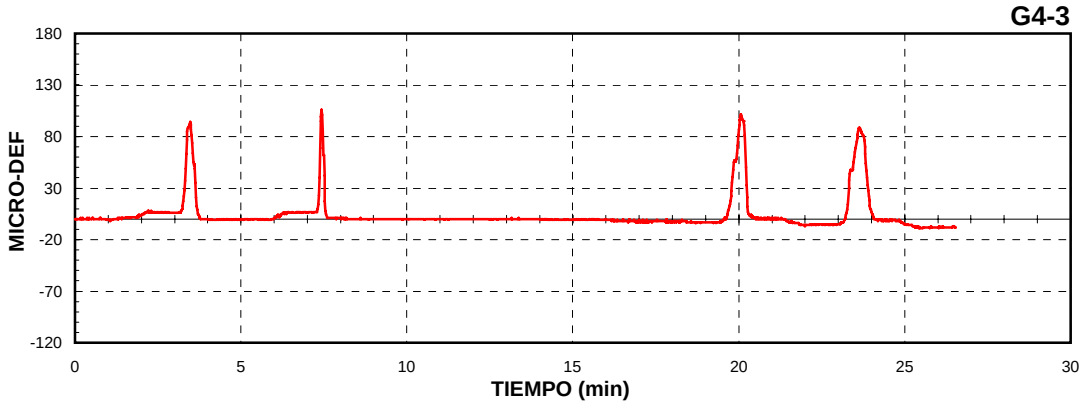
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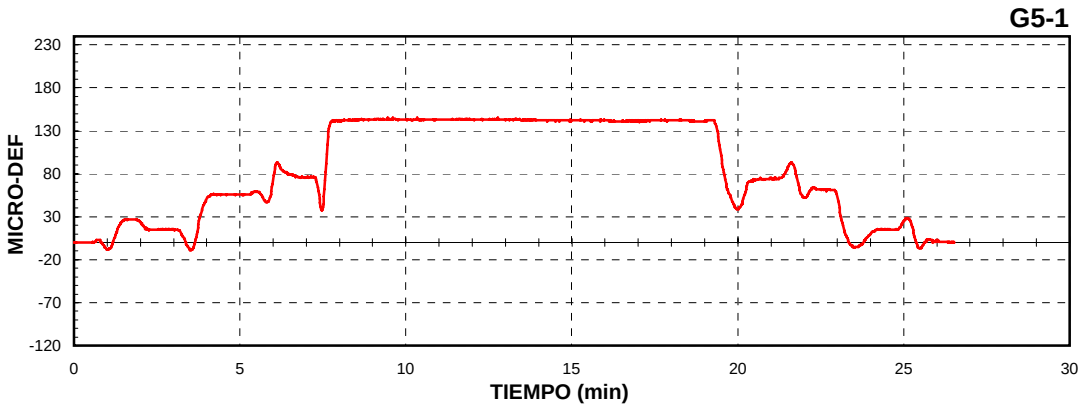
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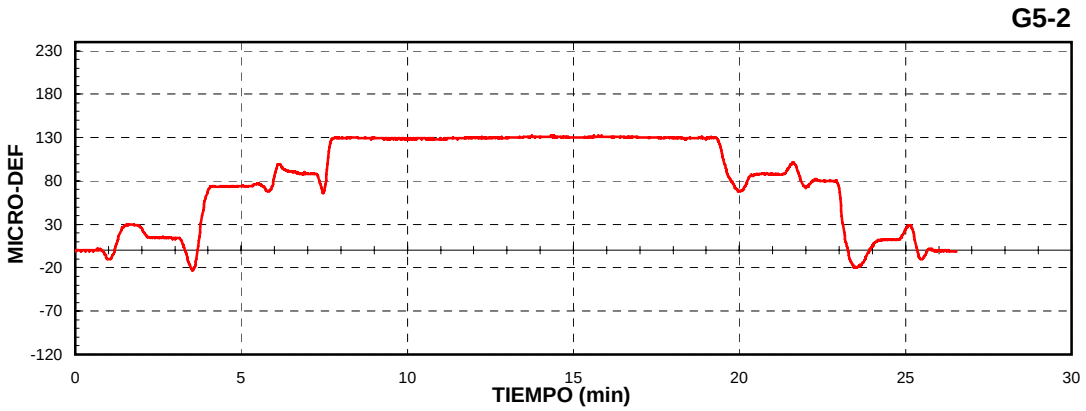


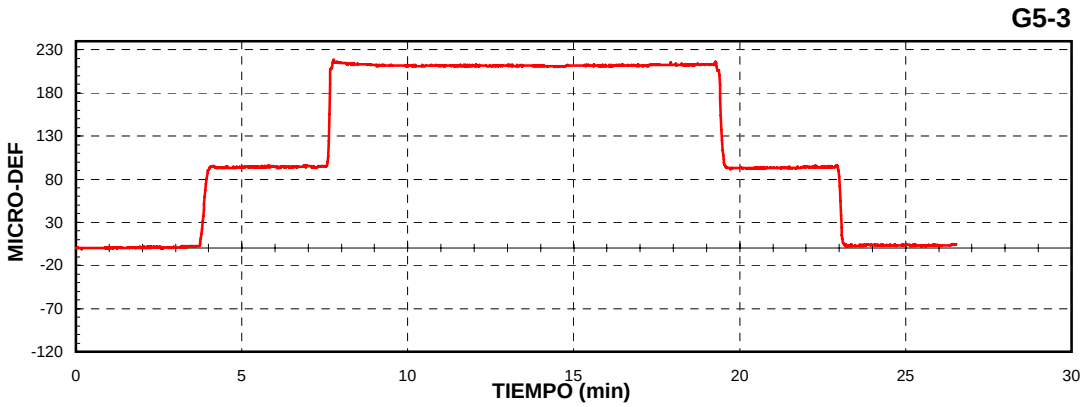
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VIADUCTO METÁLICO SOBRE AP-7. Estado 3: Carga en vanos 3 y 5





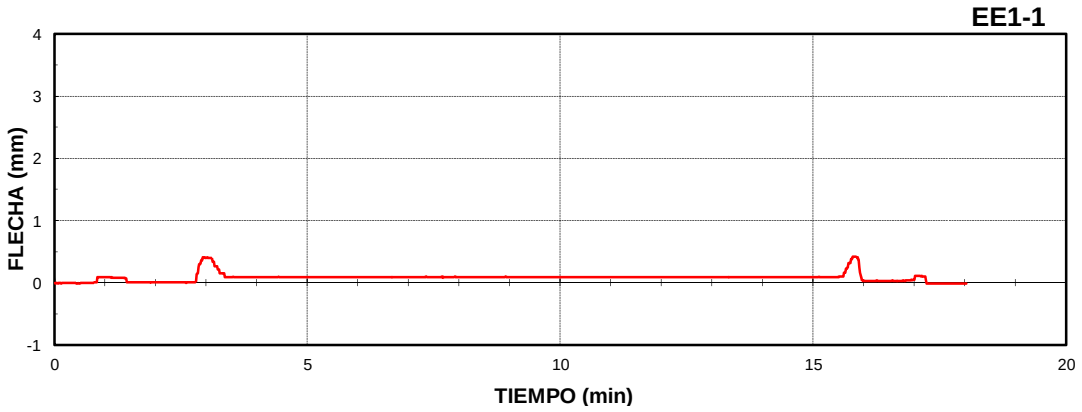


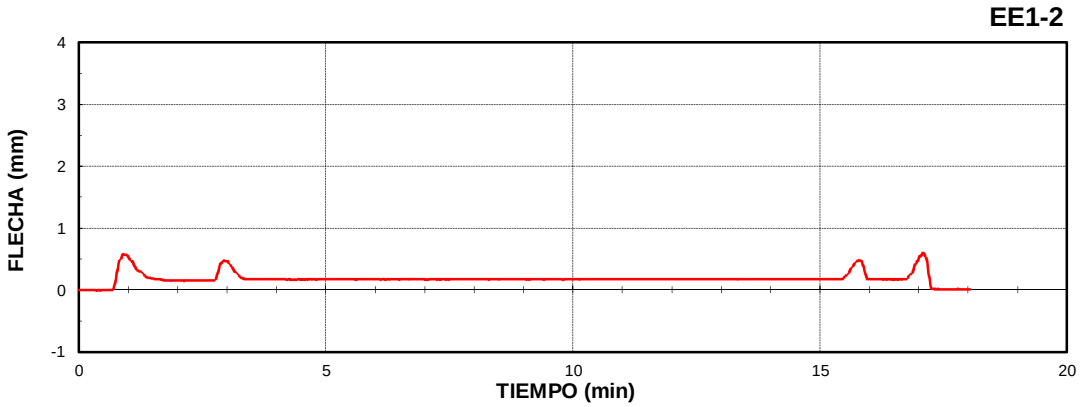
VIADUCTO METÁLICO SOBRE AP-7

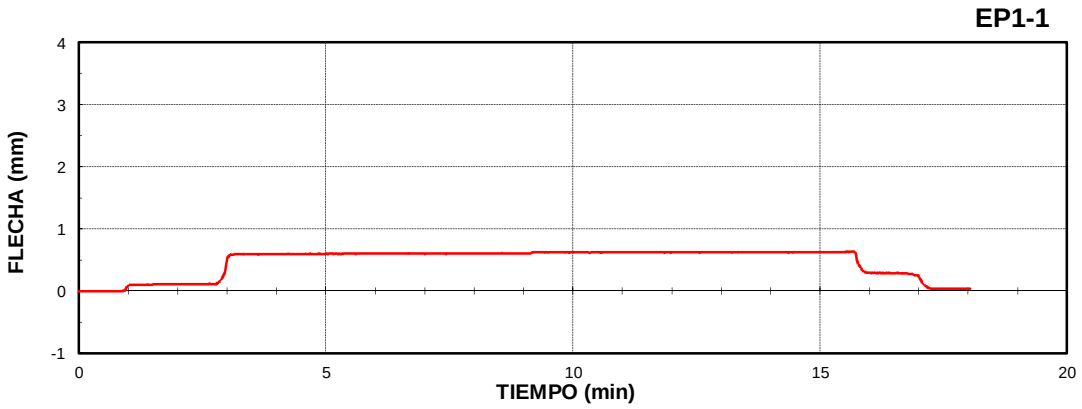
Estado 4: Carga en vanos 1 y 2

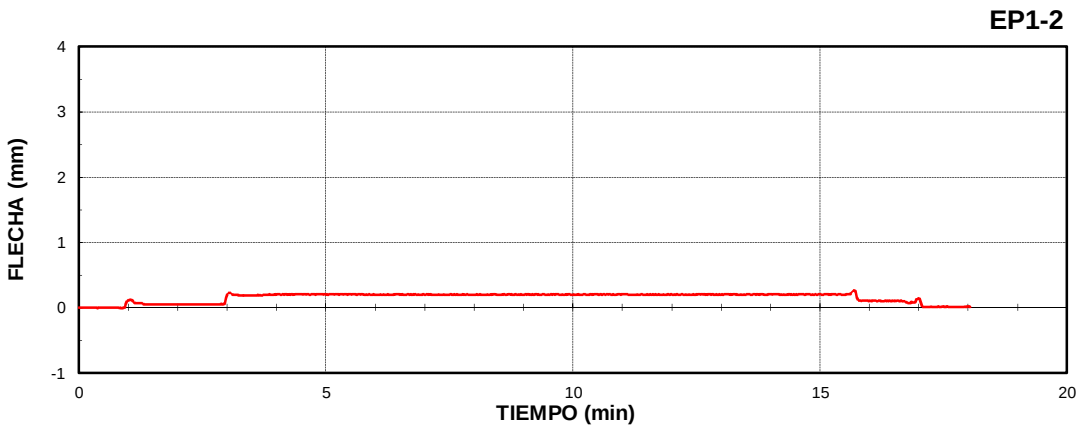
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 4: Carga en vanos 1 y 2

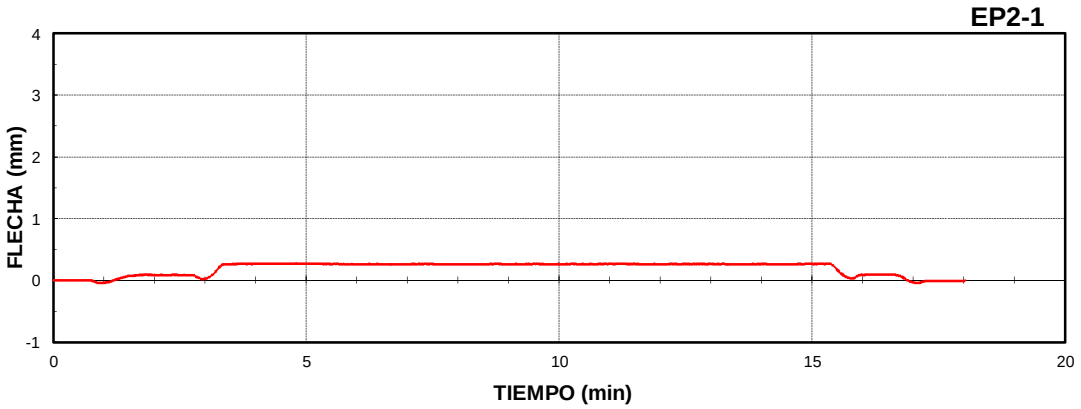






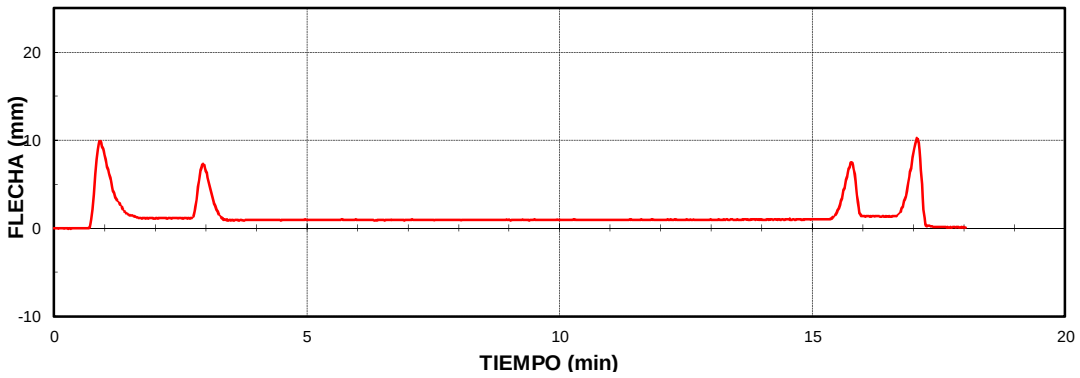


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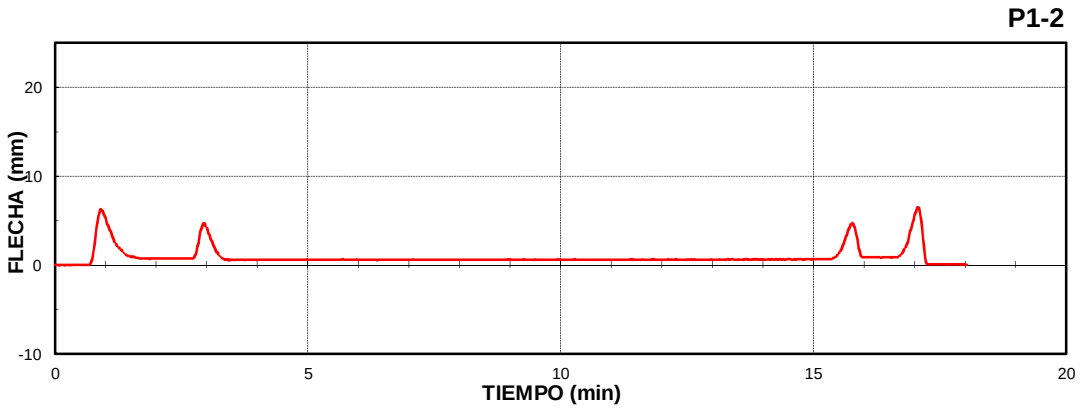


VIADUCTO METÁLICO SOBRE AP-7. Estado 4: Carga en vanos 1 y 2

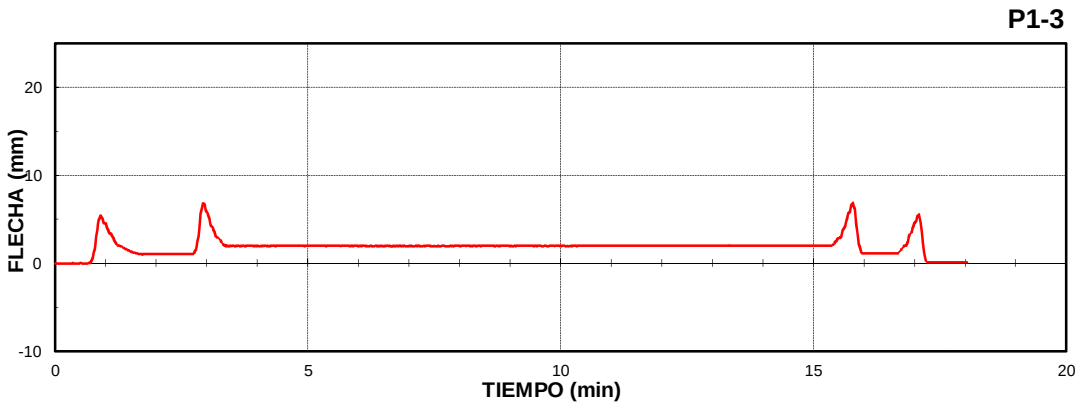
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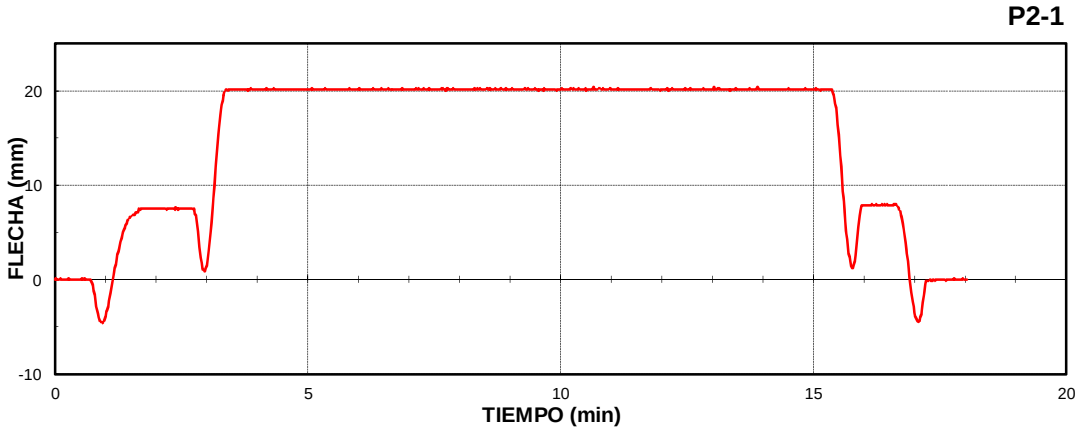
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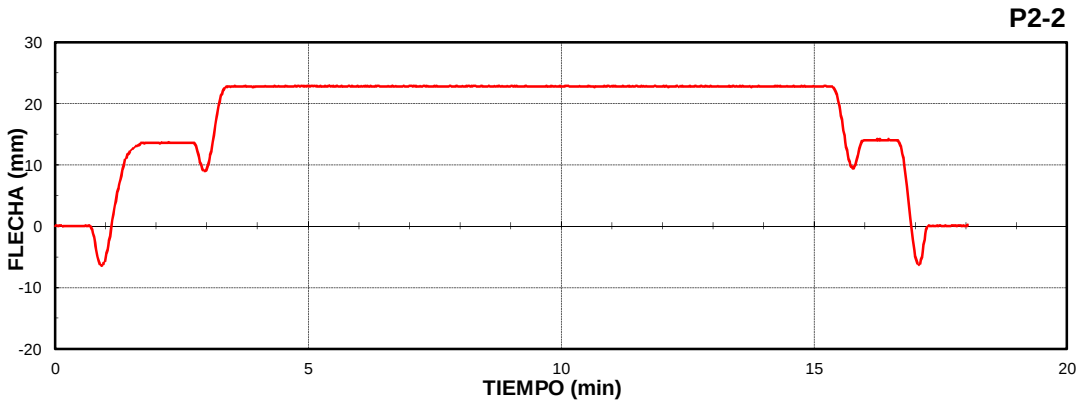
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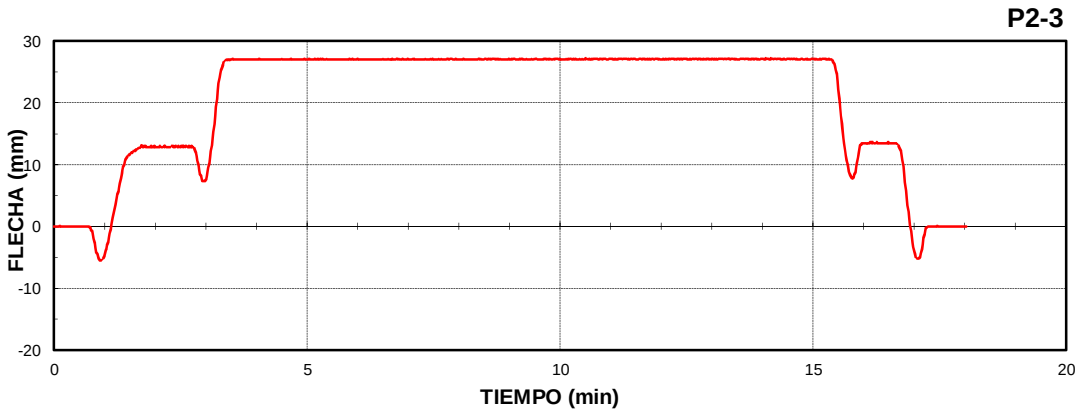


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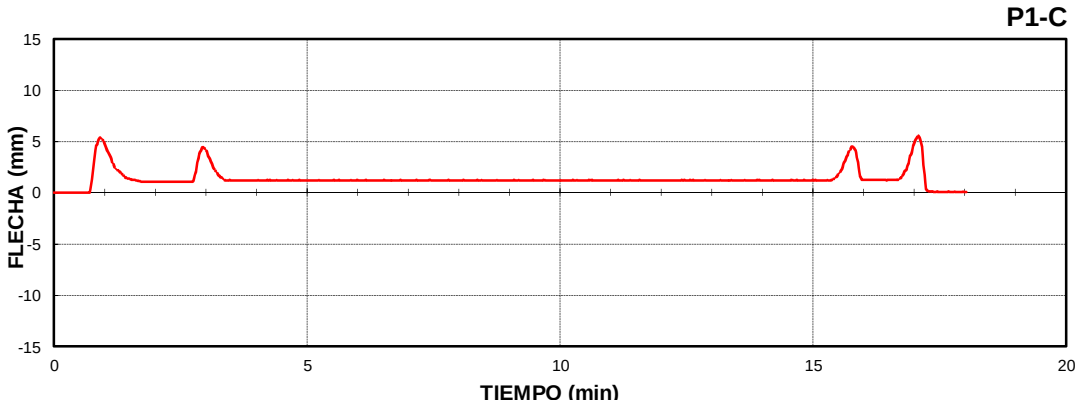


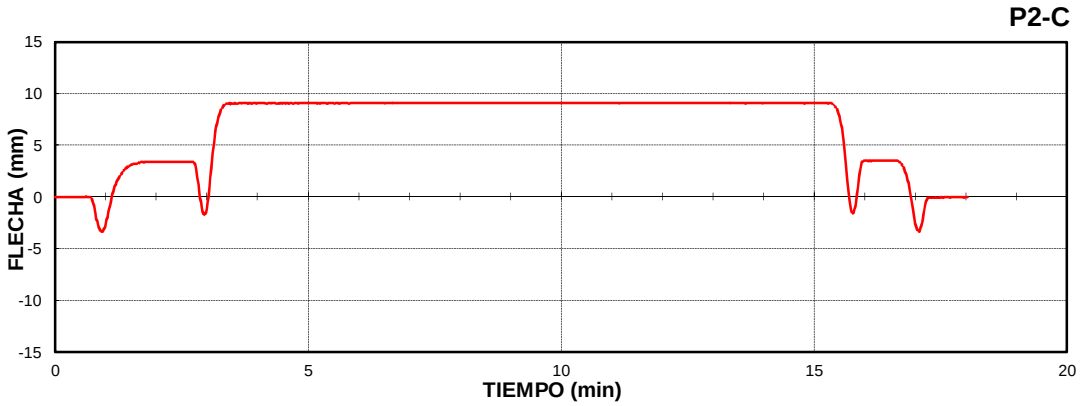
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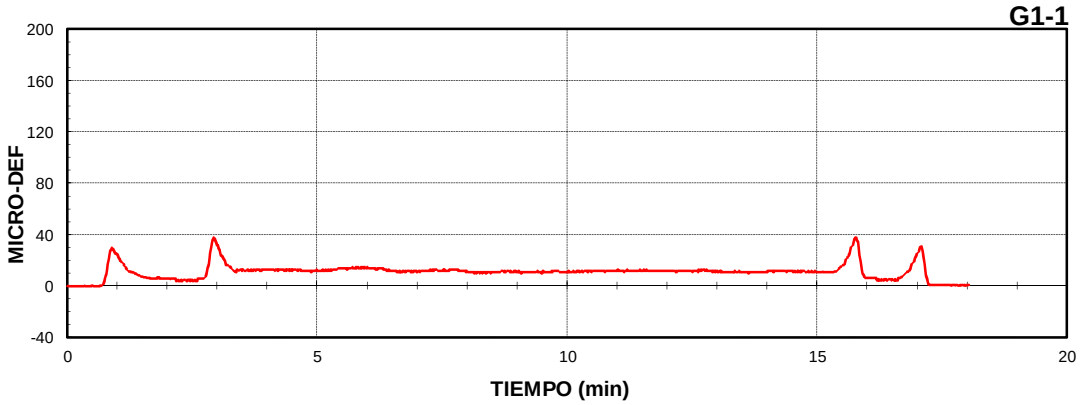


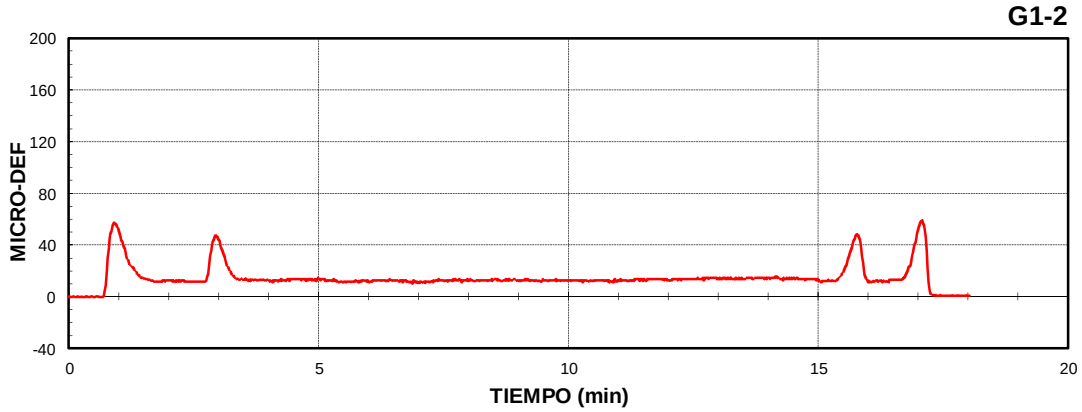
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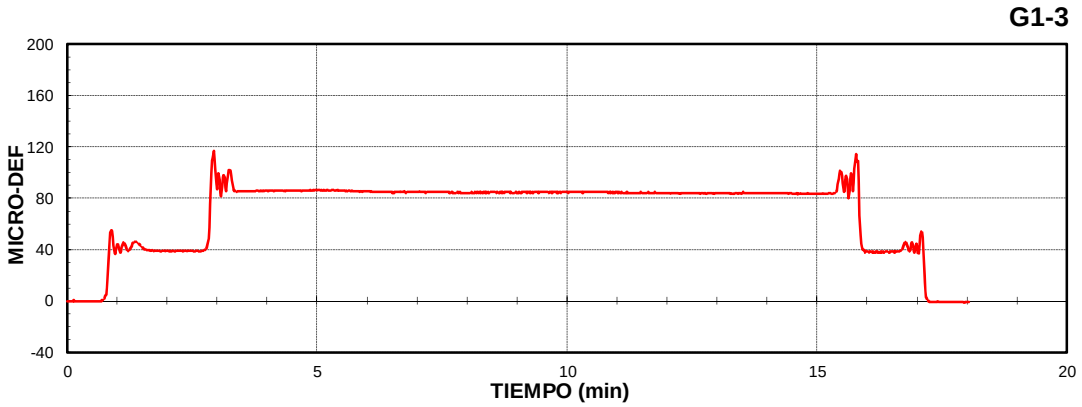


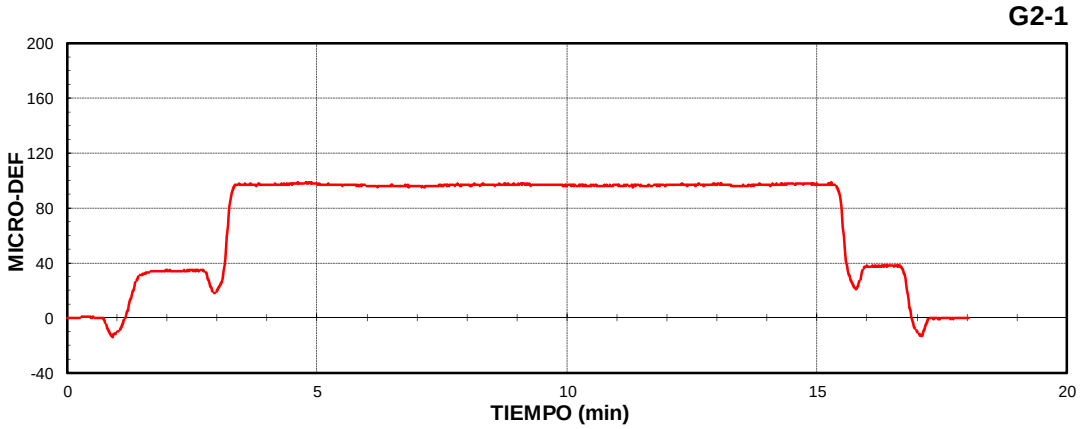


VIADUCTO METÁLICO SOBRE AP-7. Estado 4: Carga en vanos 1 y 2

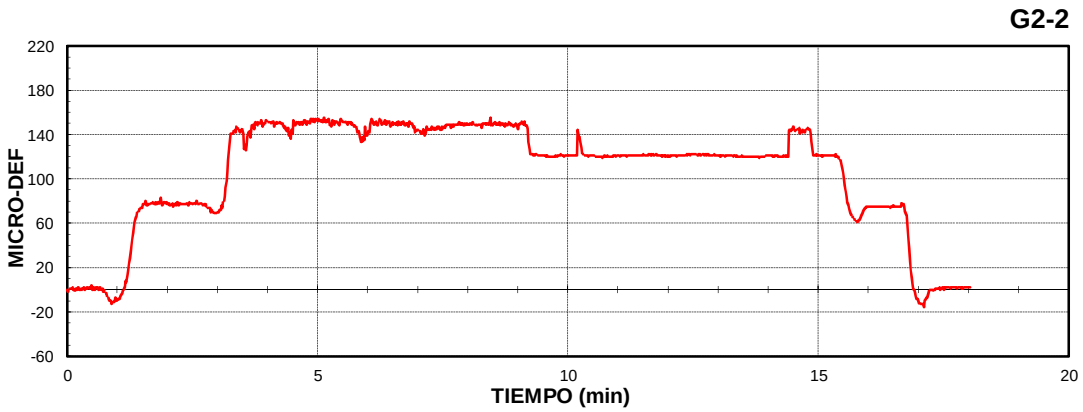


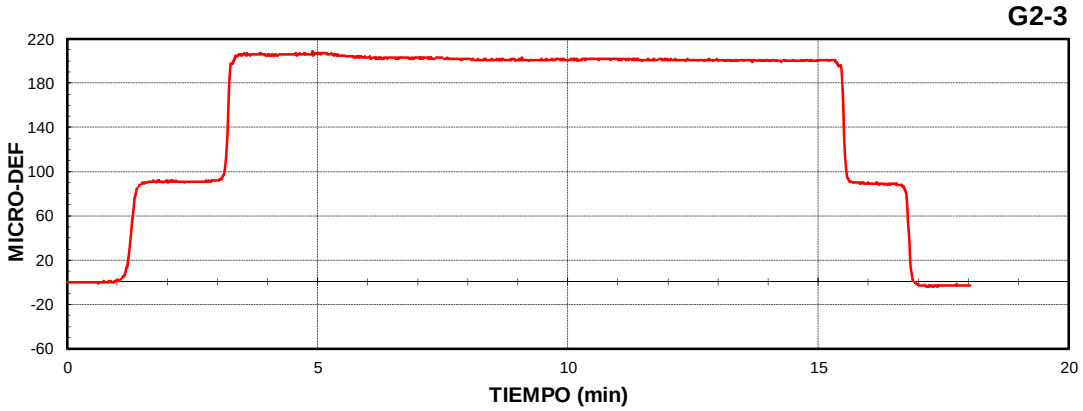






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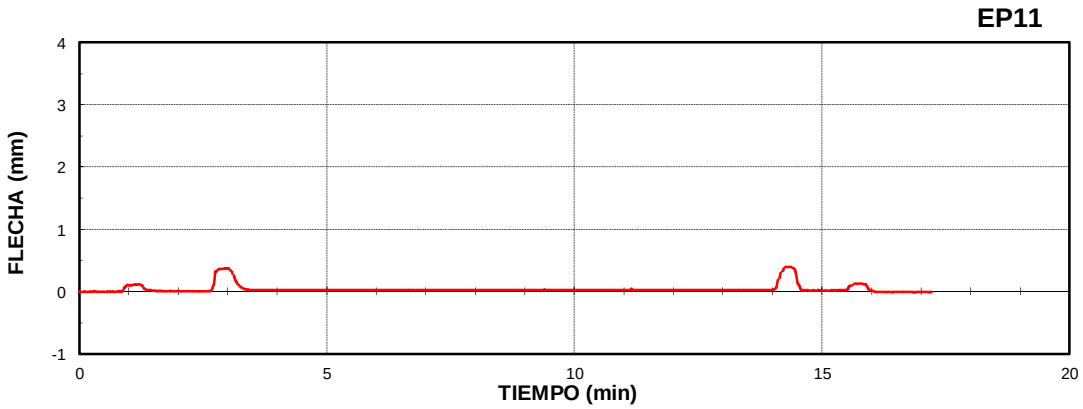


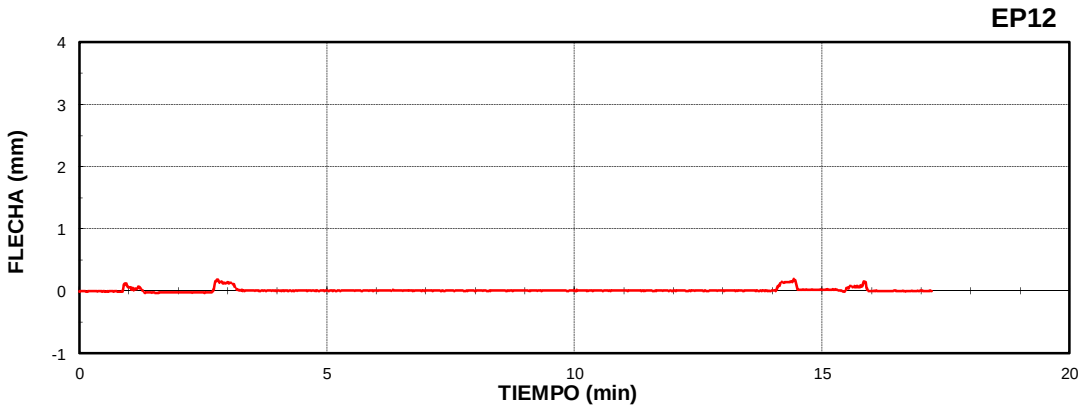
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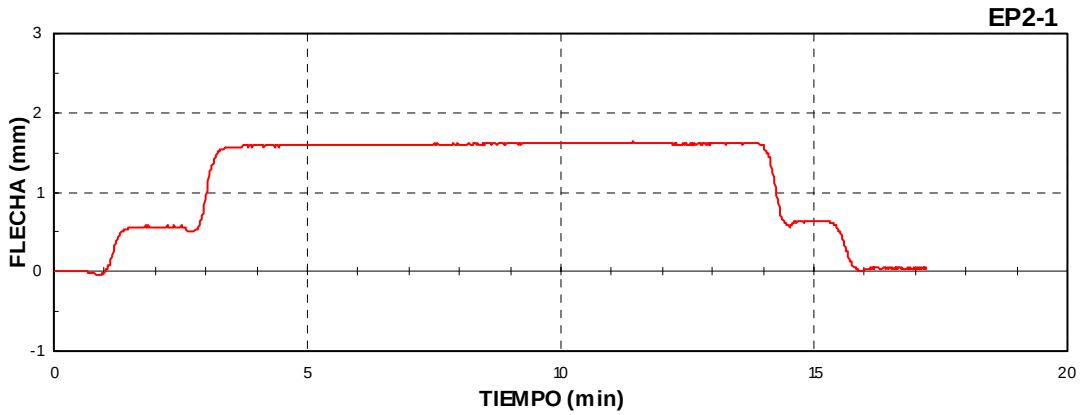
Estado 5: Carga en vanos 2 y 3

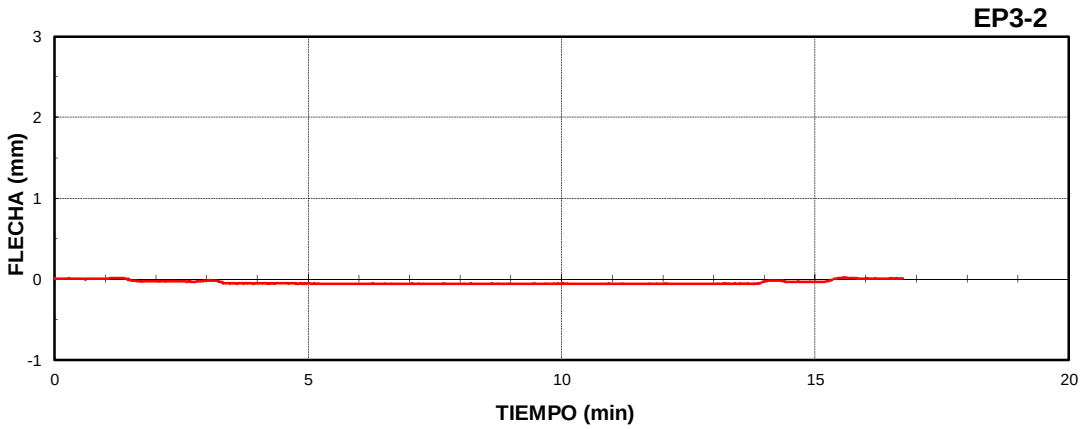
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3



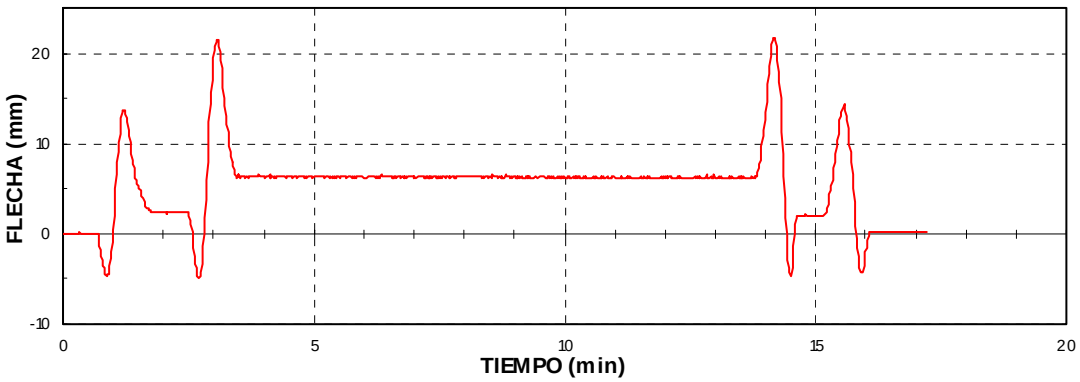




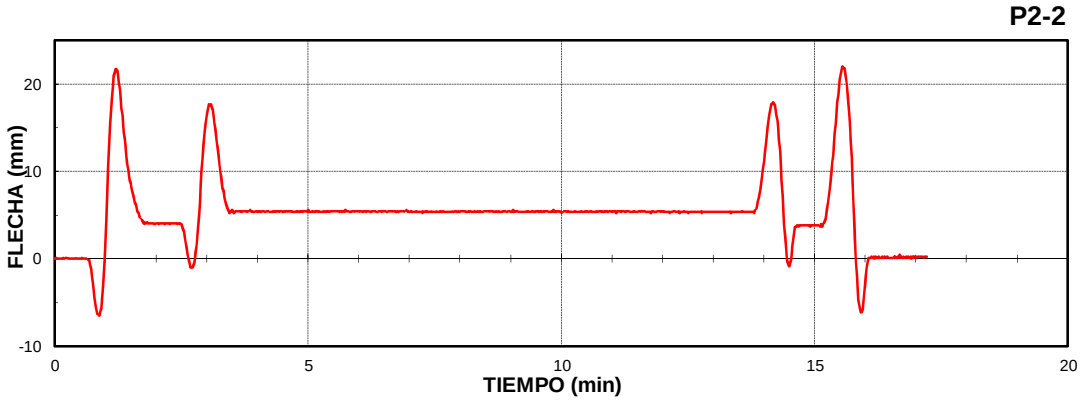


VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3

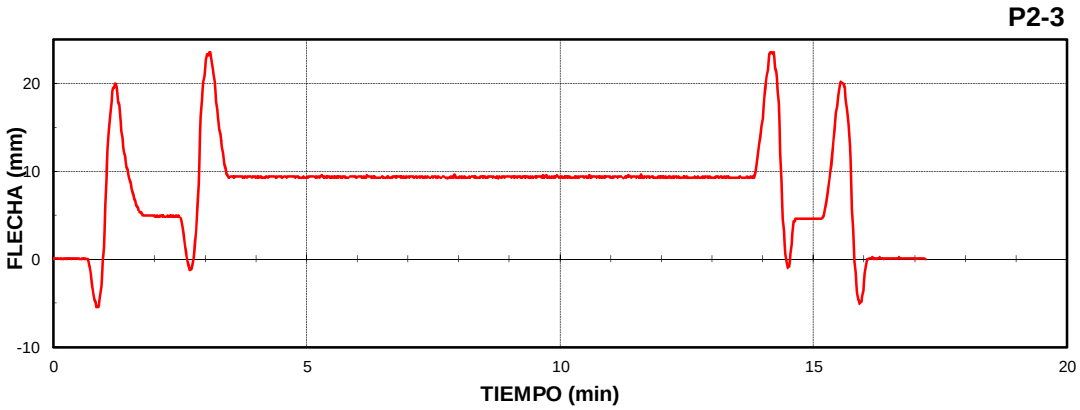
P2-1



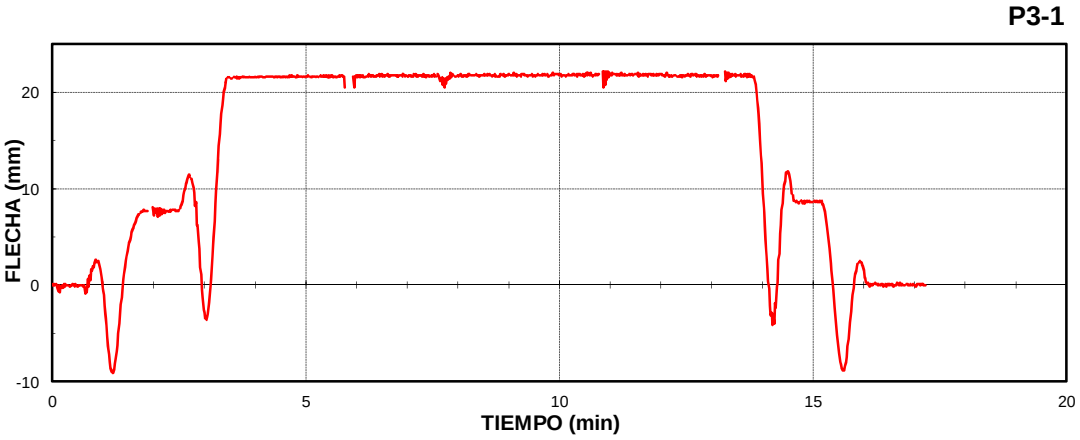
P2-2



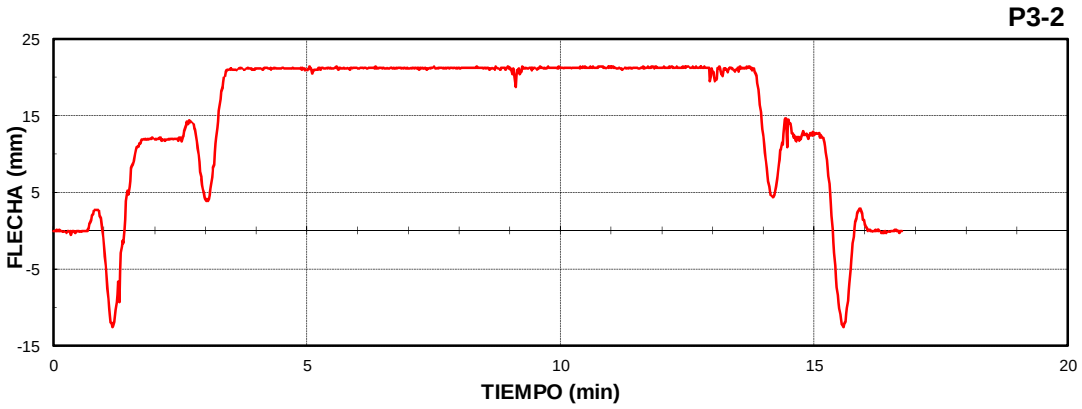
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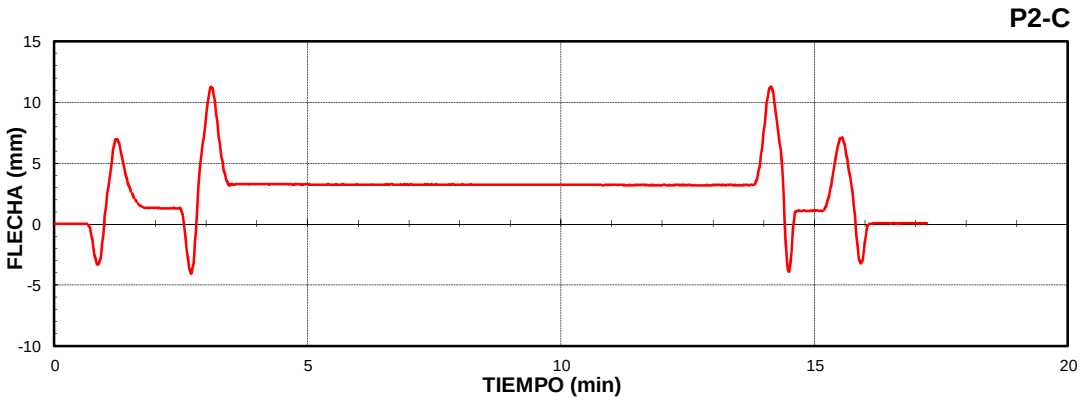
P3-1

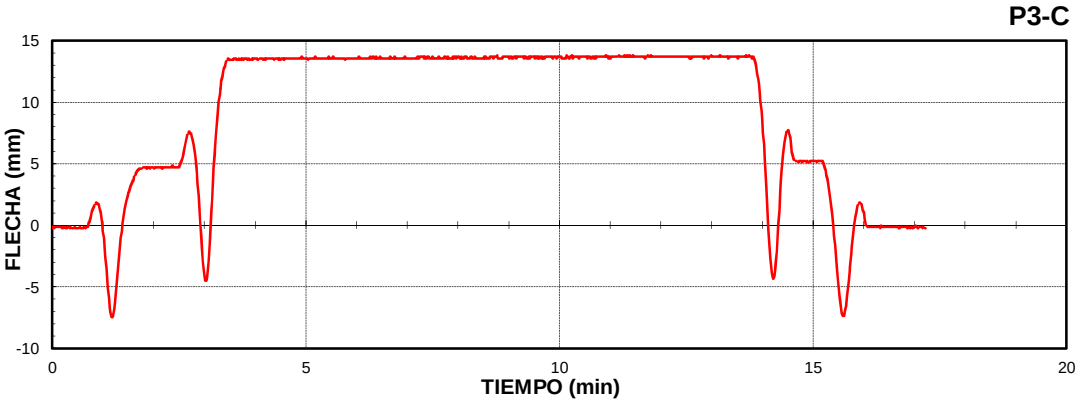


VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3



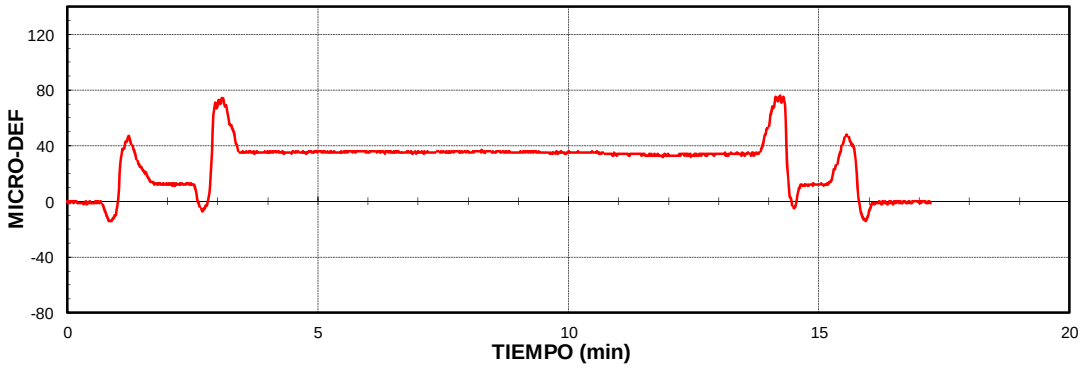
VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3



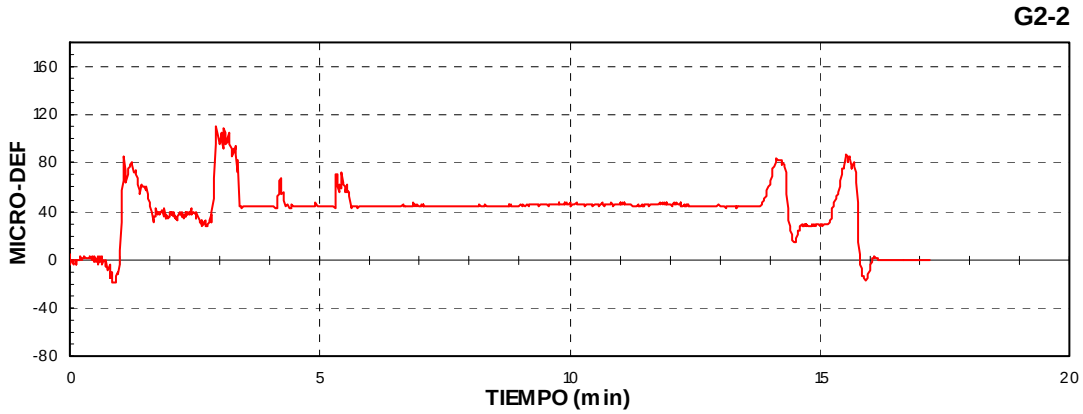


VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3

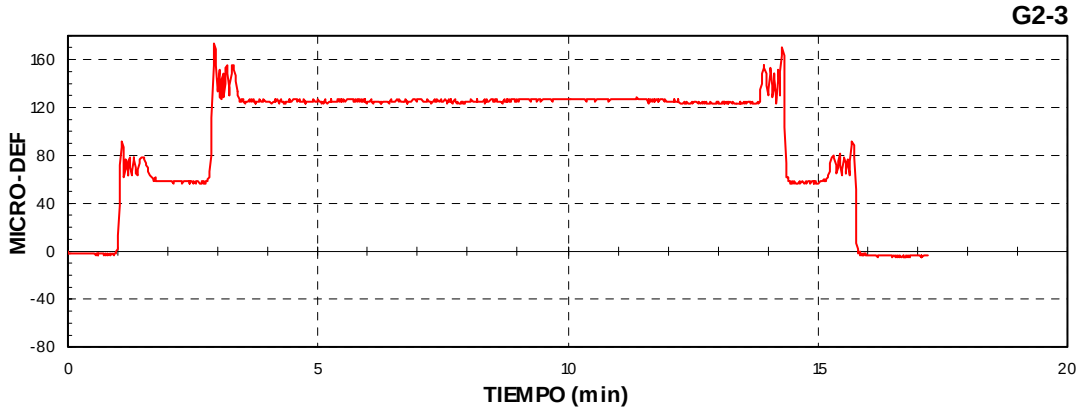
G2-1



G2-2

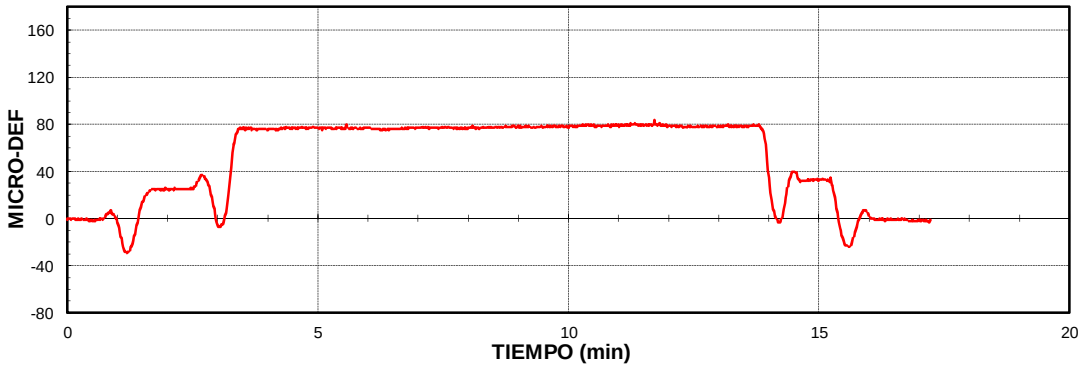


G2-3

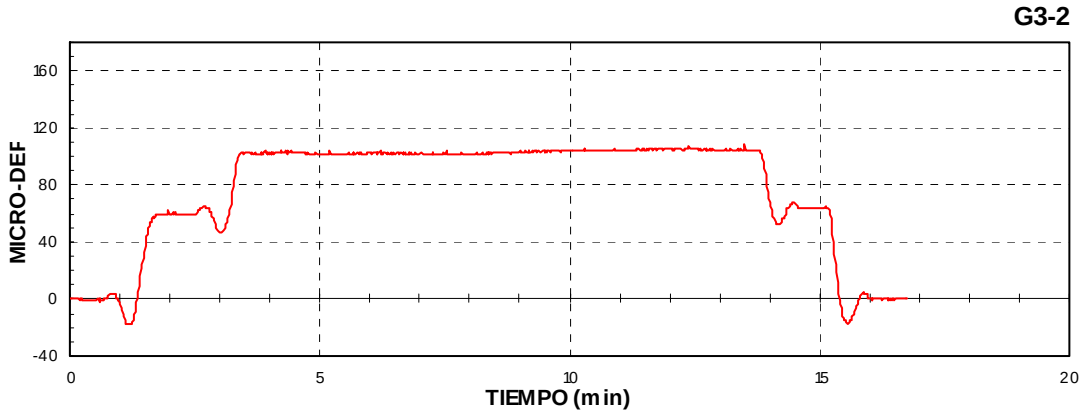


VIADUCTO METÁLICO SOBRE AP-7. Estado 5: Carga en vanos 2 y 3

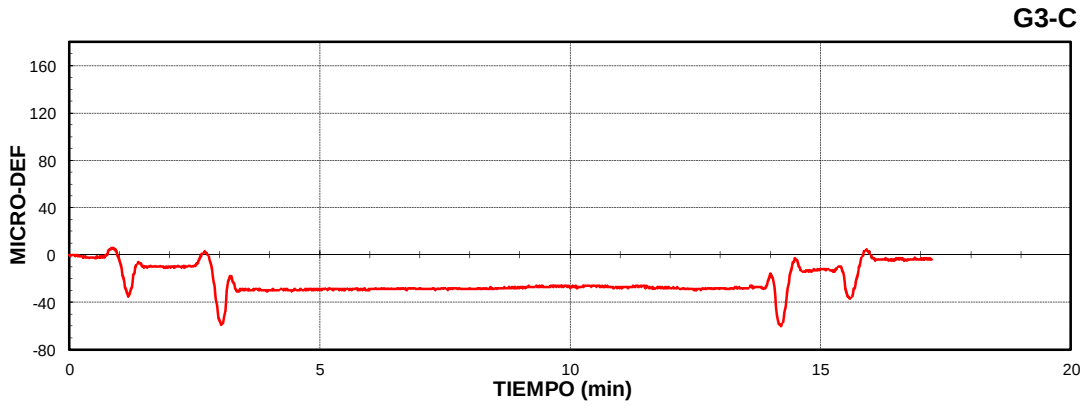
G3-1



G3-2



G3-C

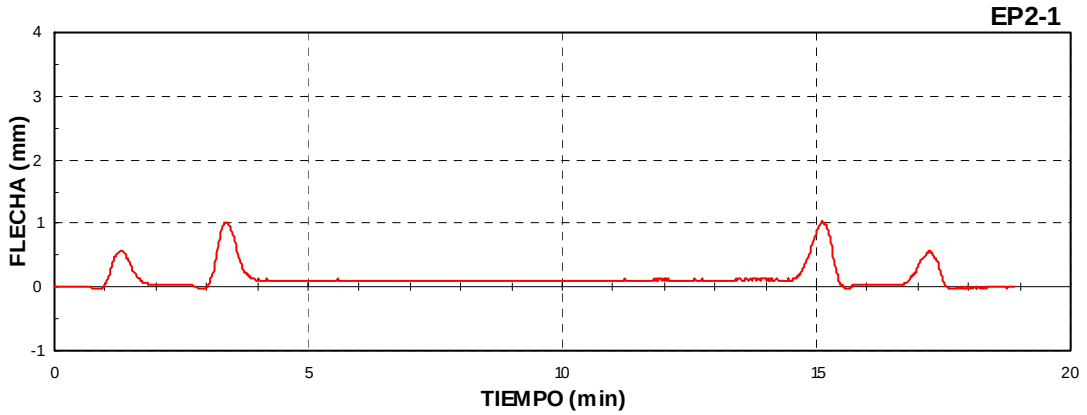


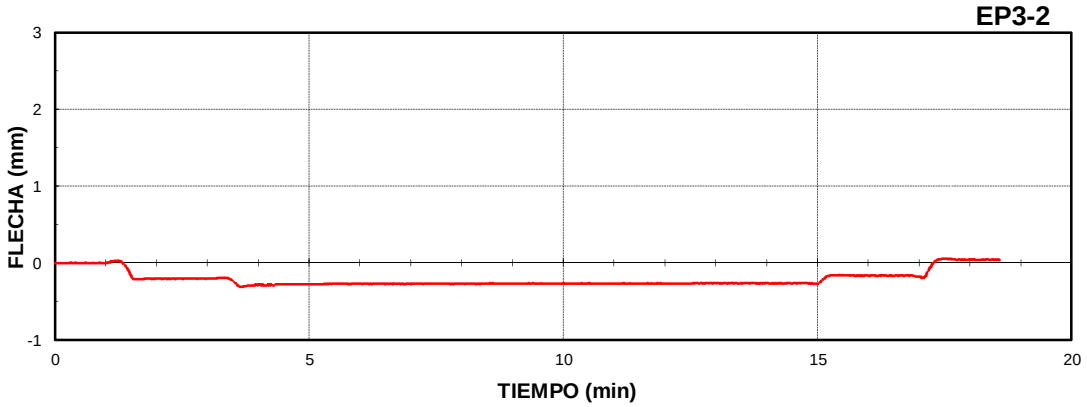
VIADUCTO METÁLICO SOBRE AP-7

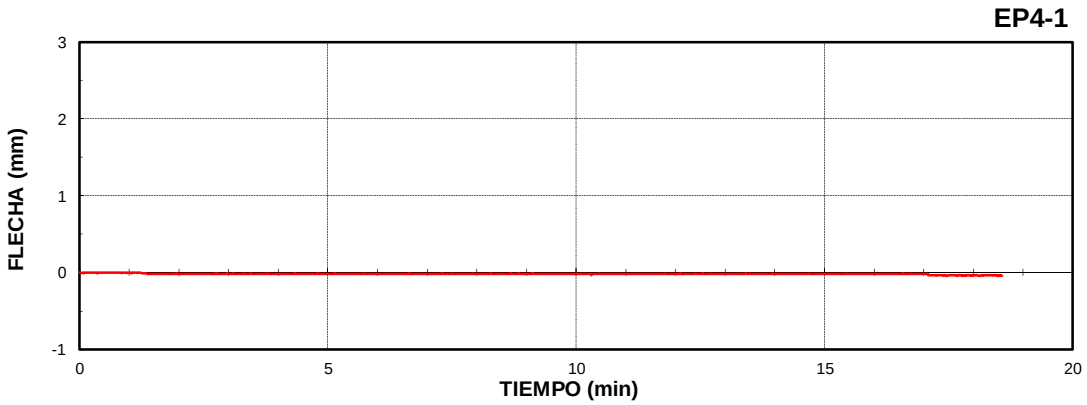
Estado 6: Carga en vanos 3 y 4

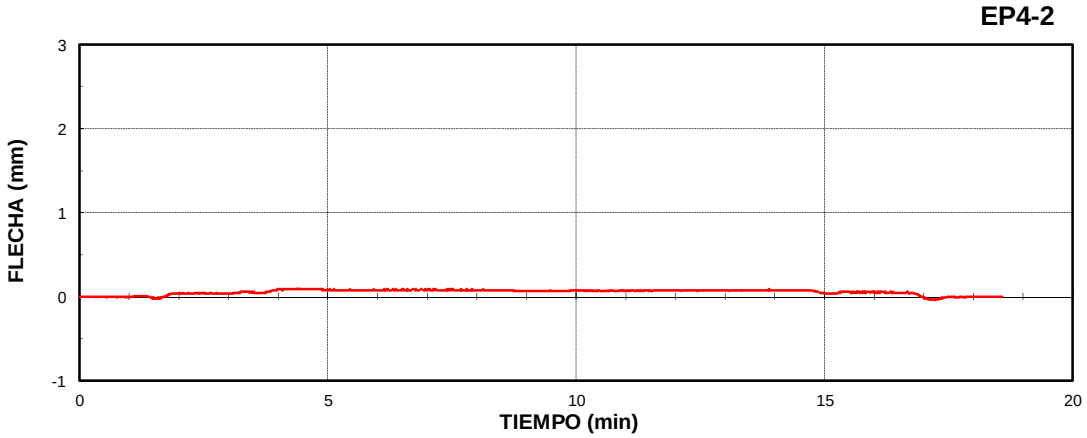
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 6: Carga en vanos 3 y 4

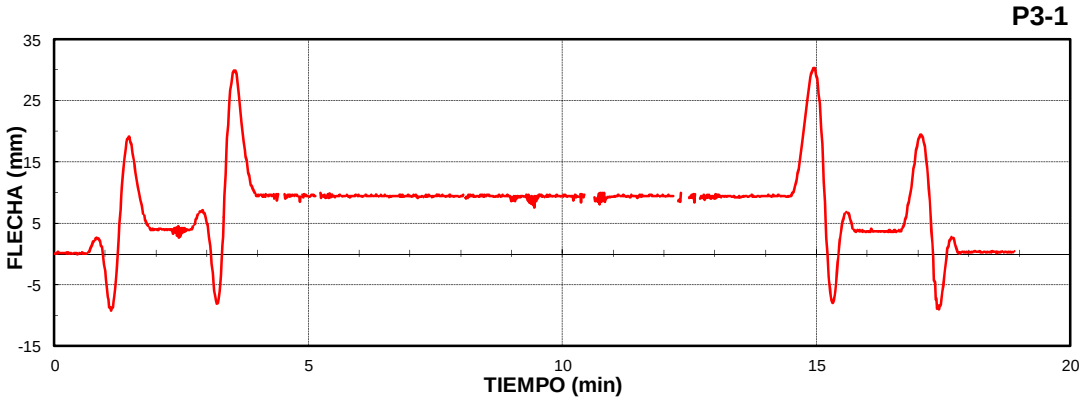


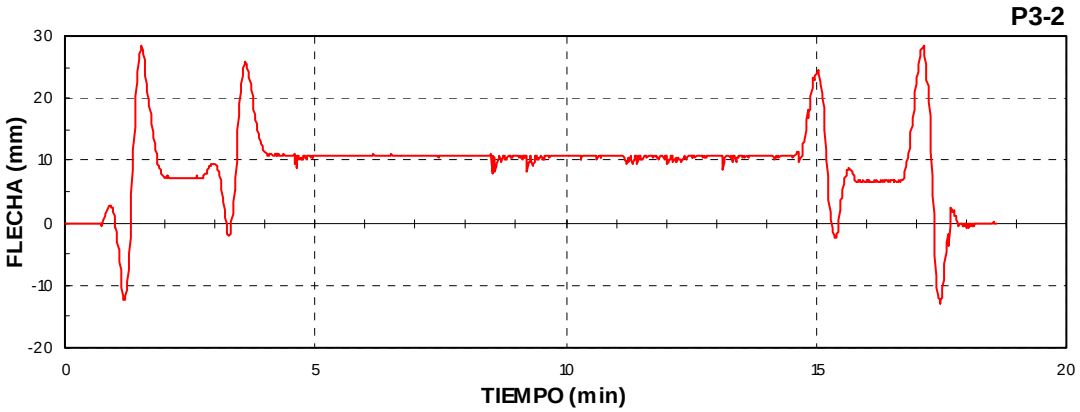




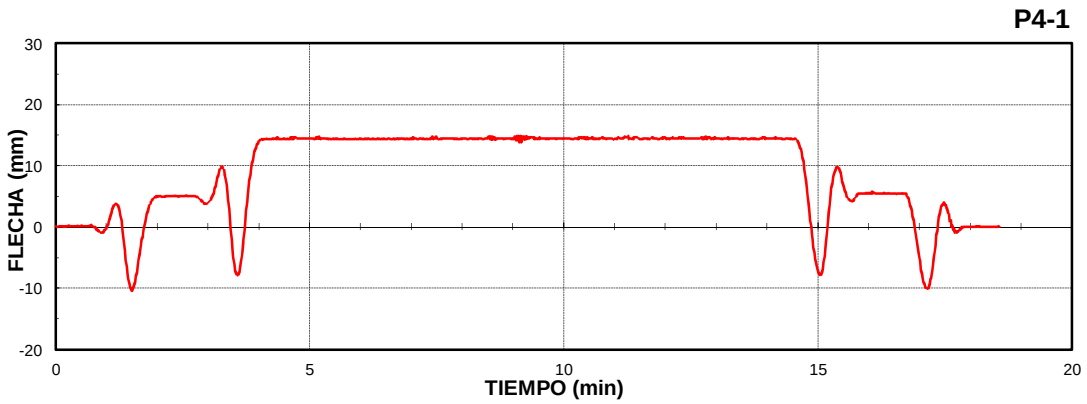


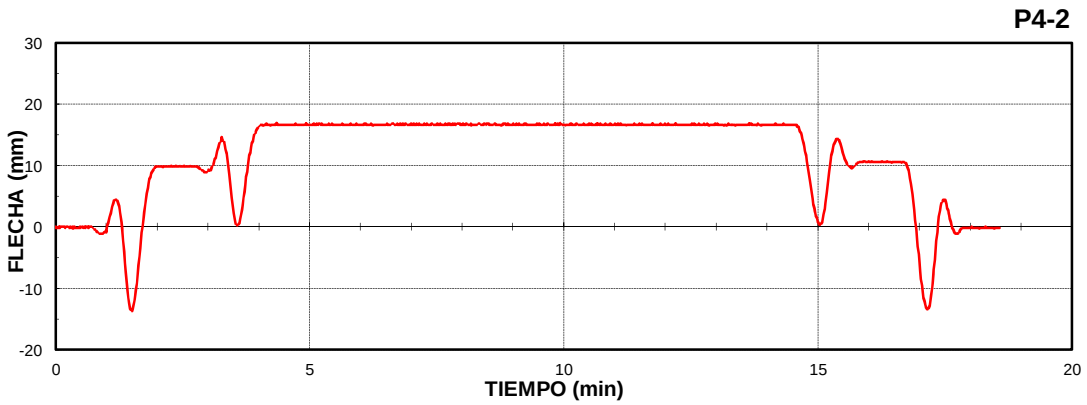
VIADUCTO METÁLICO SOBRE AP-7. Estado 6: Carga en vanos 3 y 4



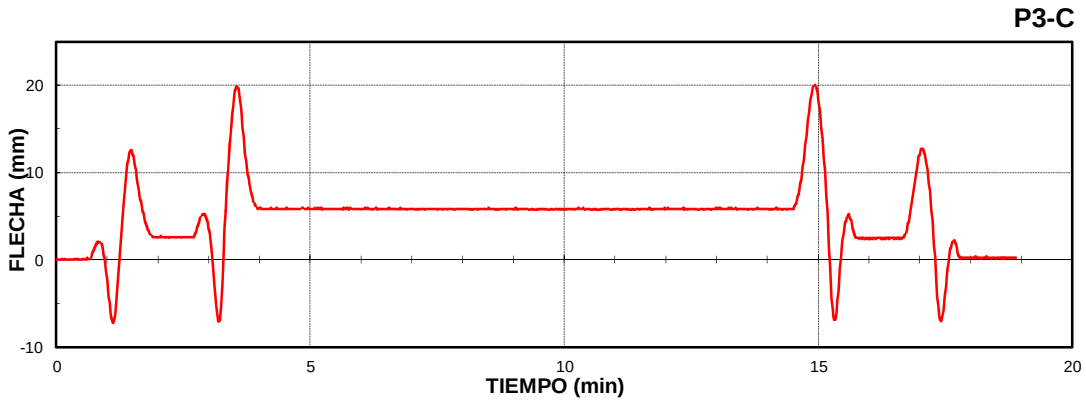


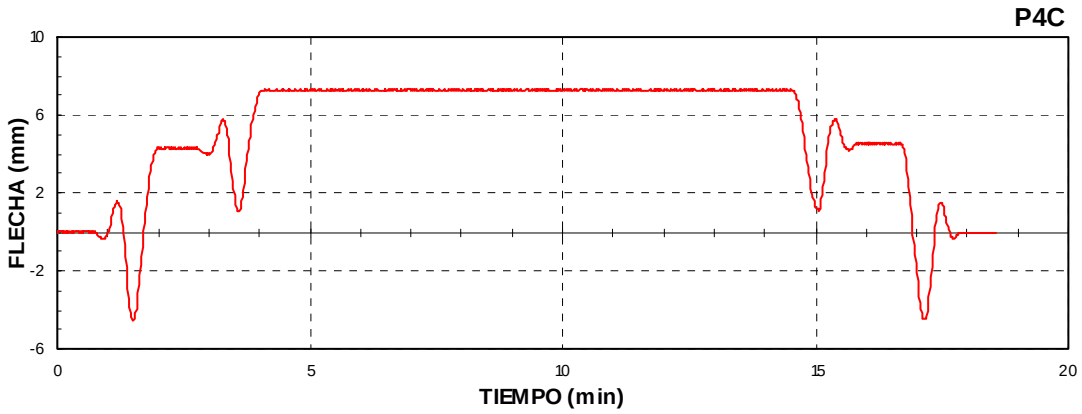
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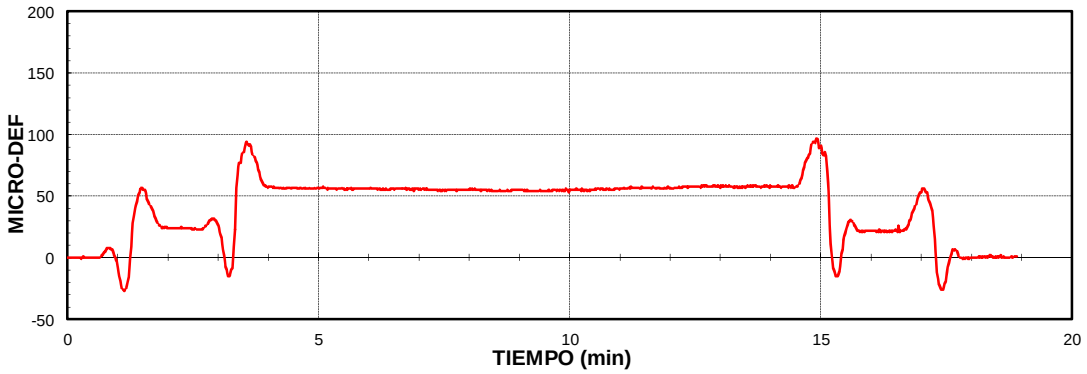
VIADUCTO METÁLICO SOBRE AP-7. Estado 6: Carga en vanos 3 y 4



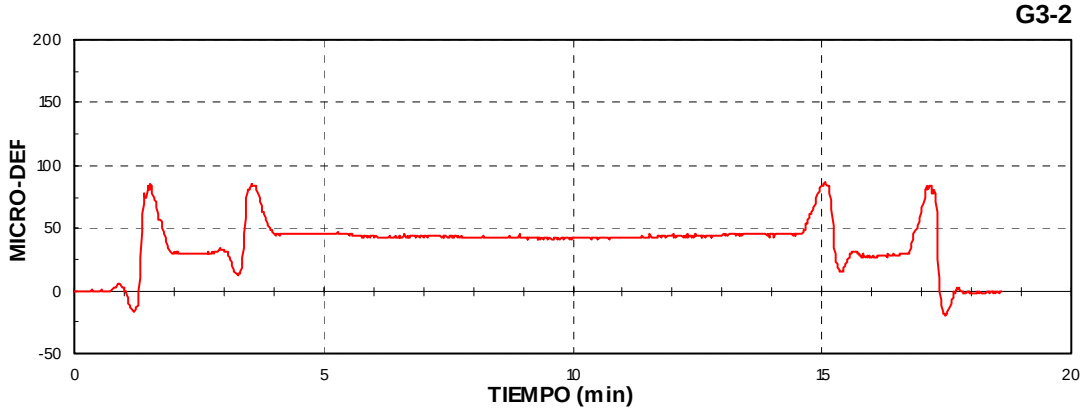


VIADUCTO METÁLICO SOBRE AP-7. Estado 6: Carga en vanos 3 y 4

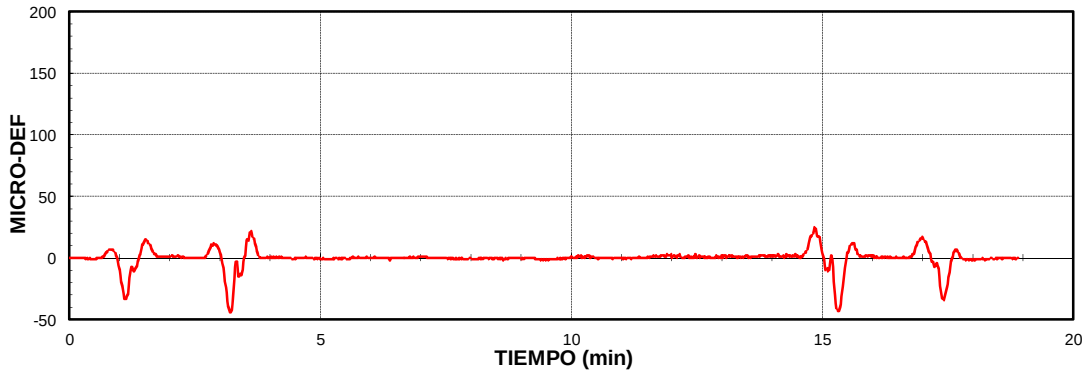
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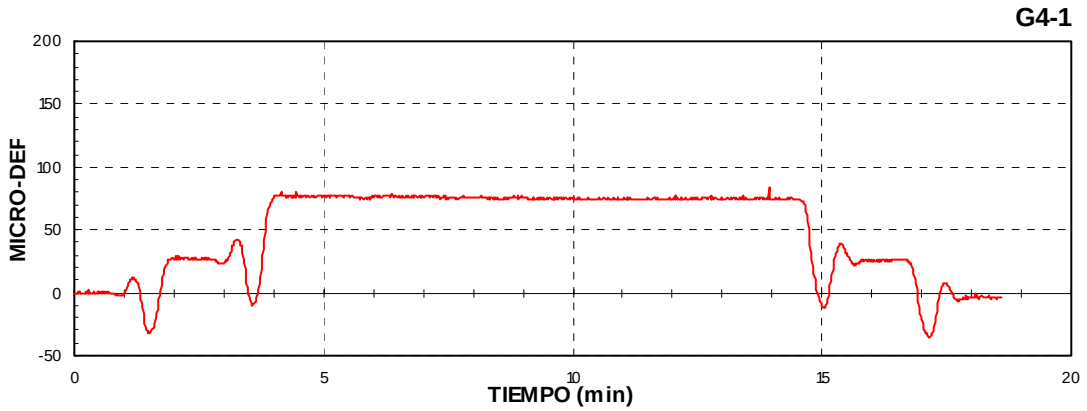
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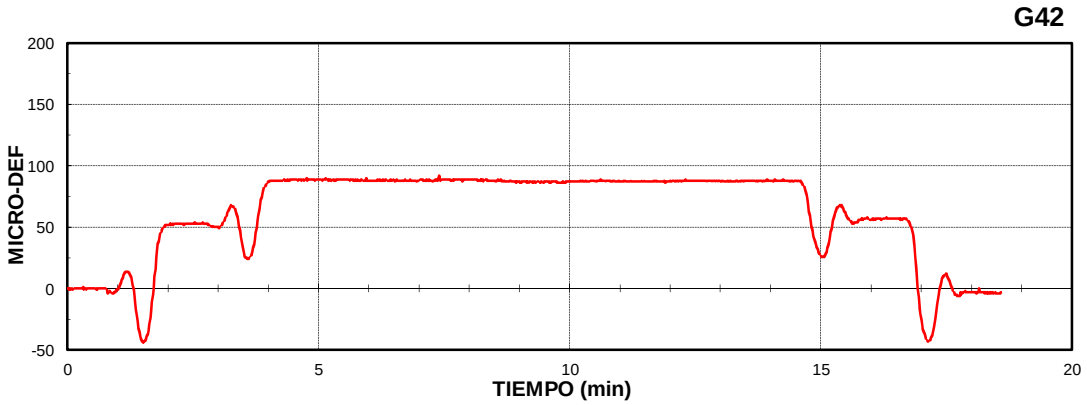


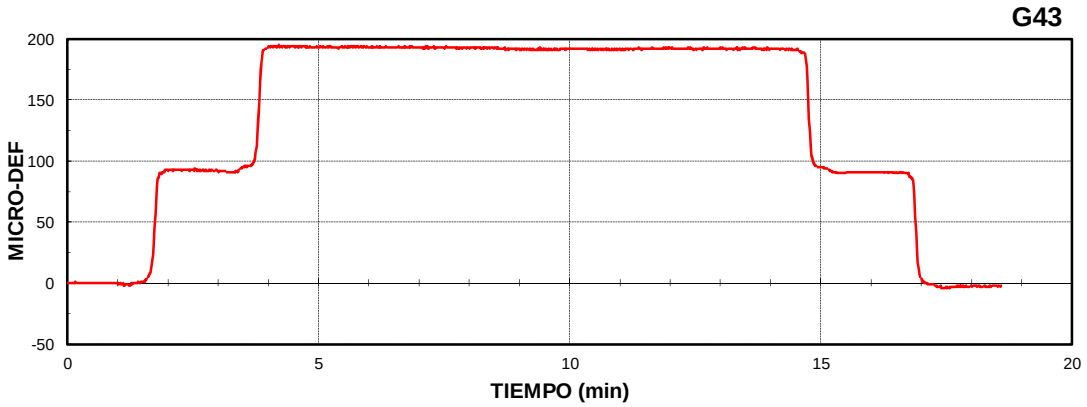
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VIADUCTO METÁLICO SOBRE AP-7. Estado 6: Carga en vanos 3 y 4





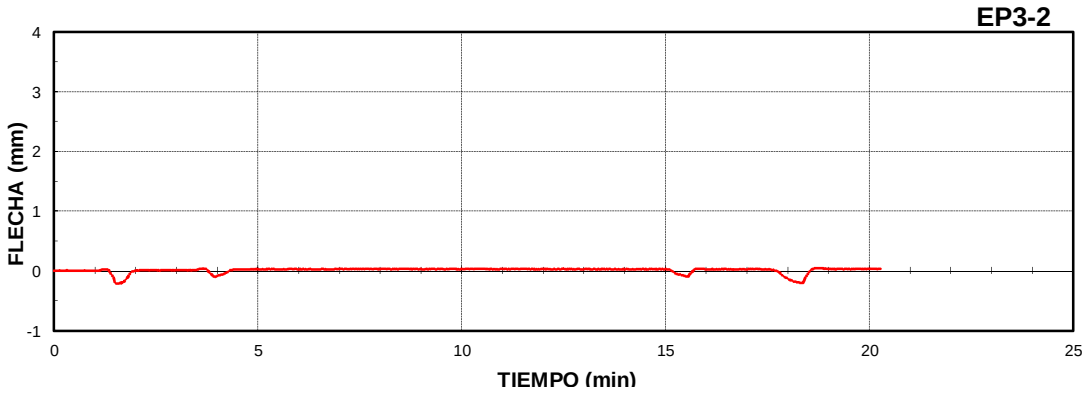


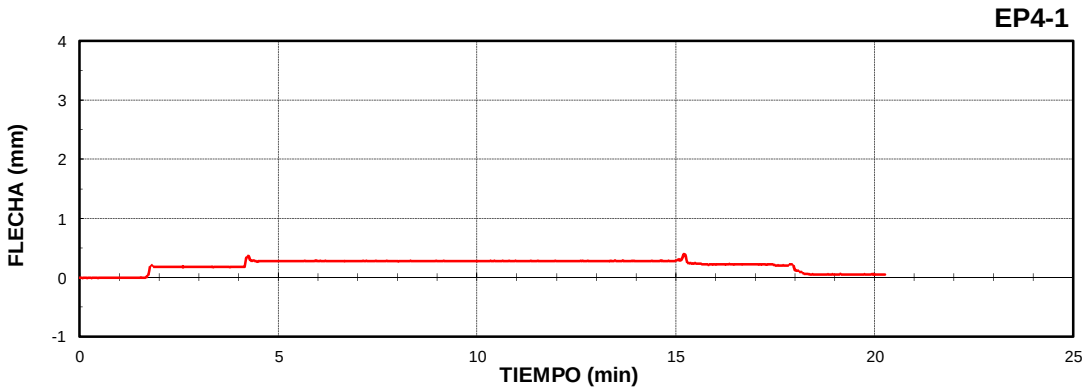
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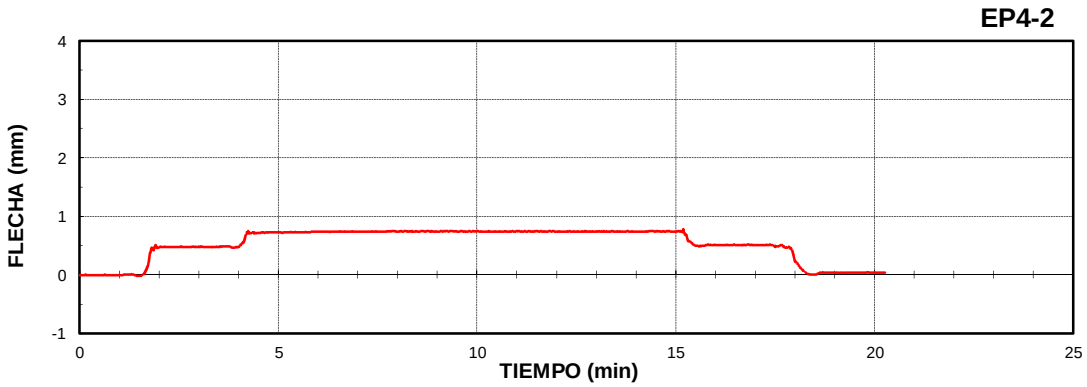
Estado 7: Carga en vanos 4 y 5

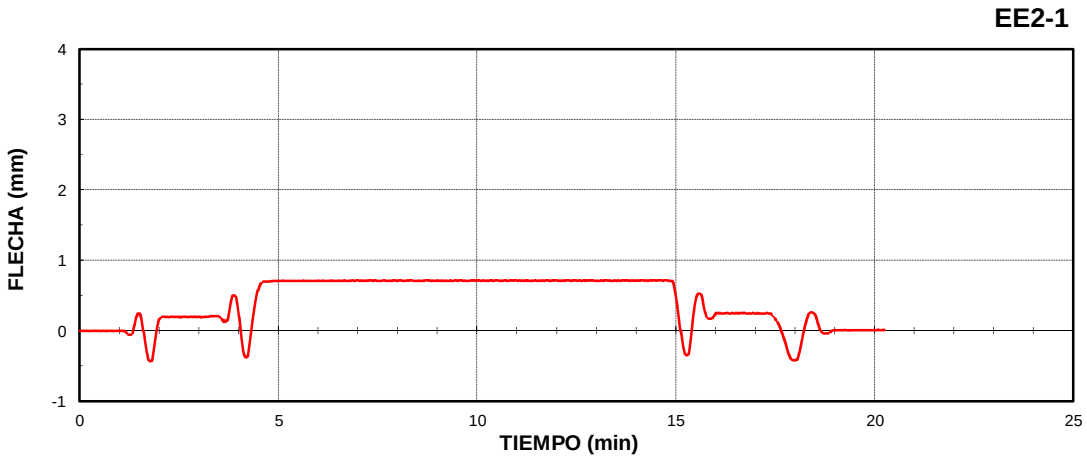
PRUEBA ESTÁTICA

VIADUCTO METÁLICO SOBRE AP-7. Estado 7: Carga en vanos 4 y 5

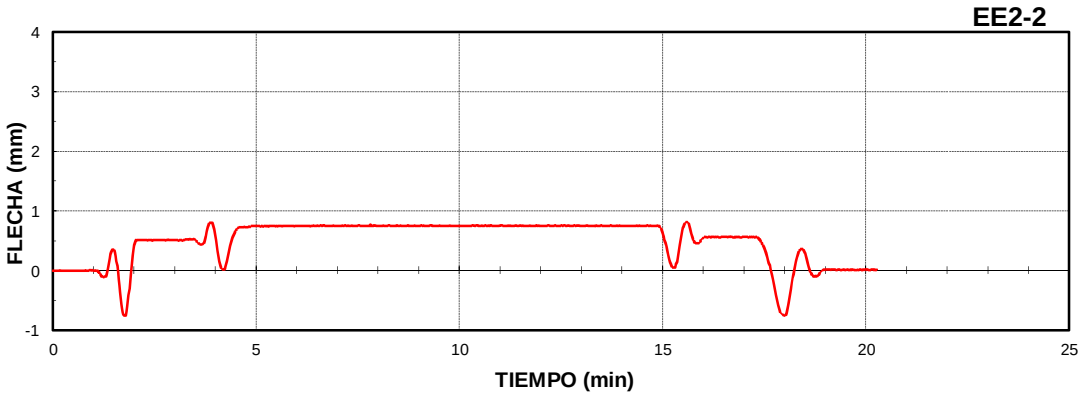




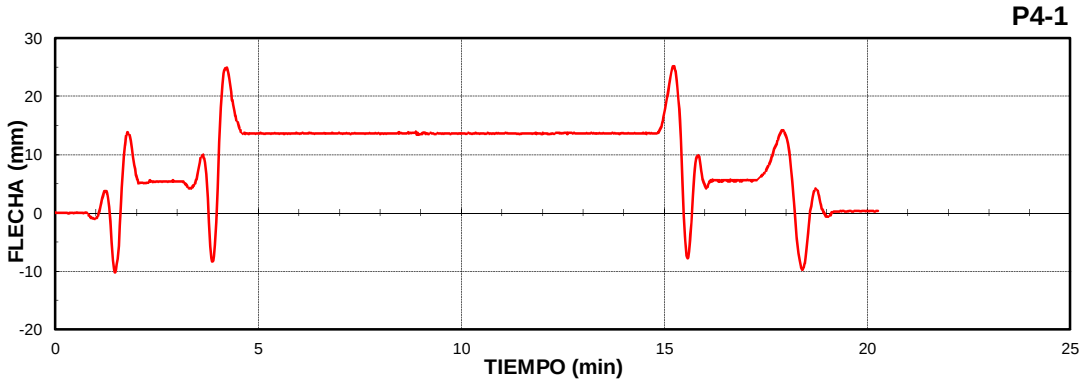


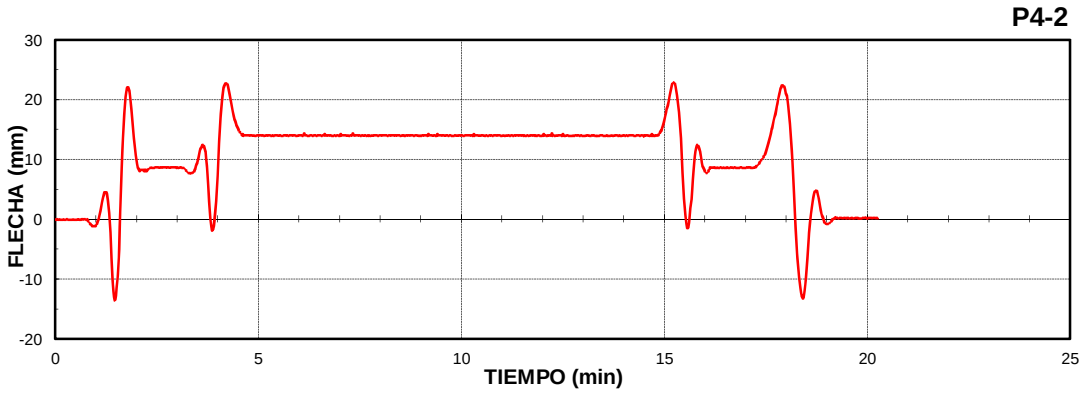


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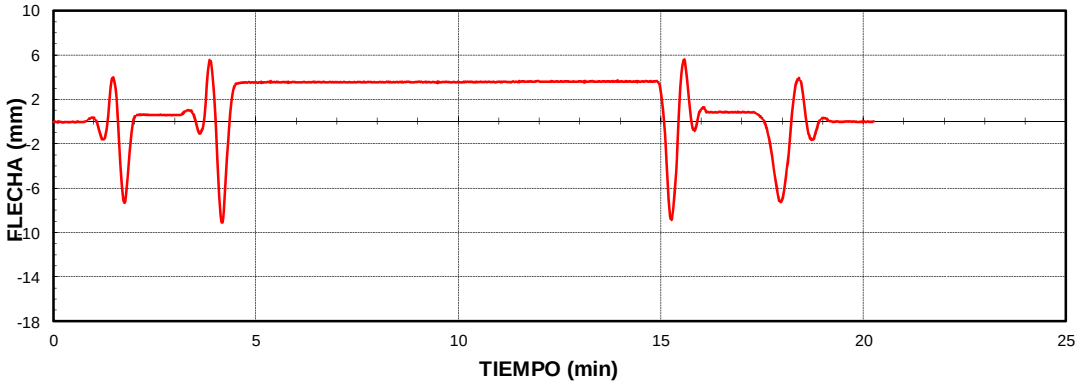
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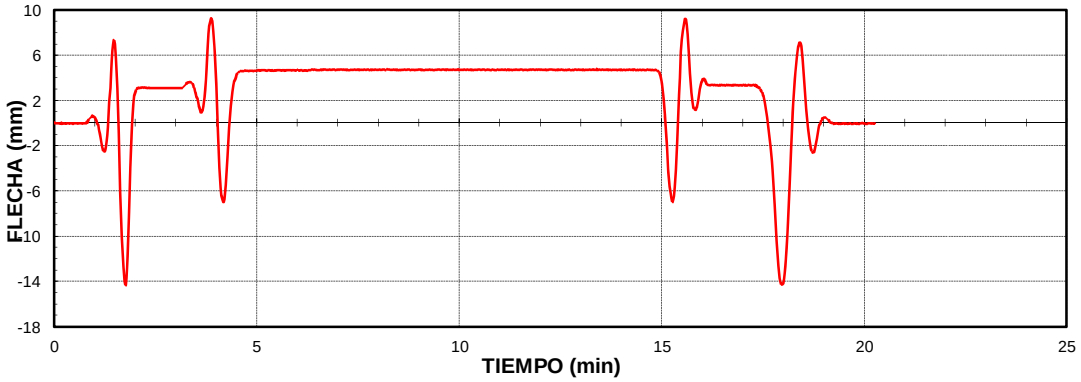


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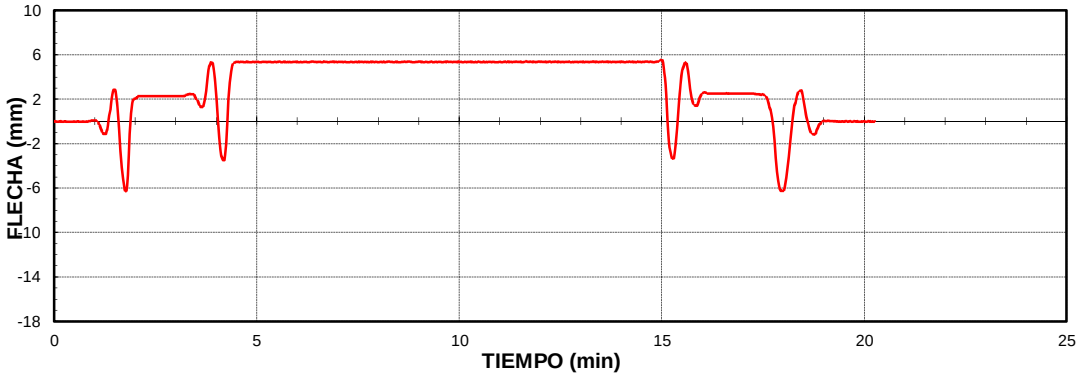
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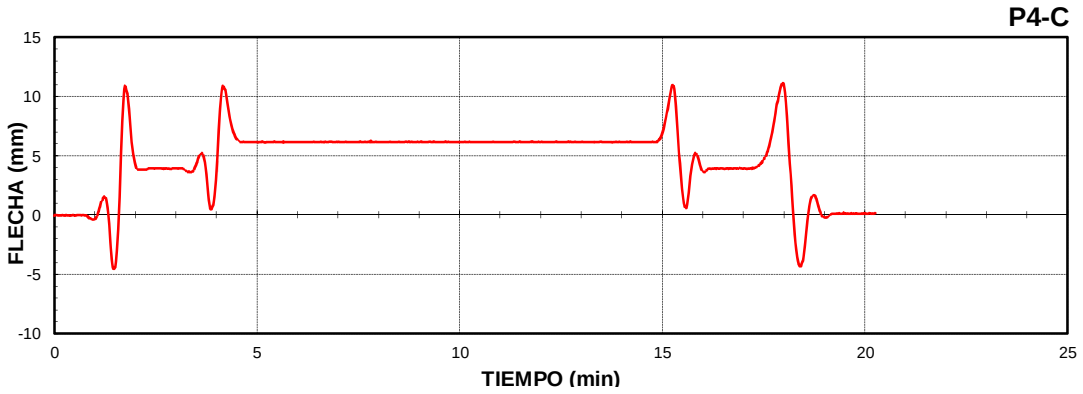
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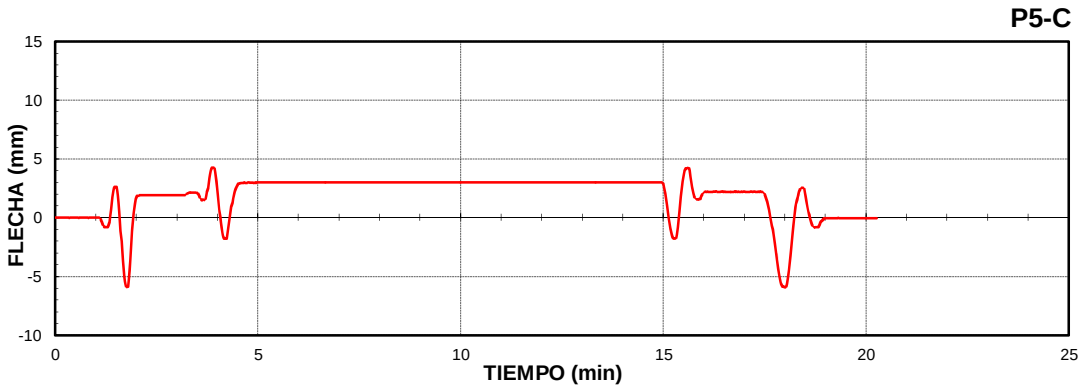


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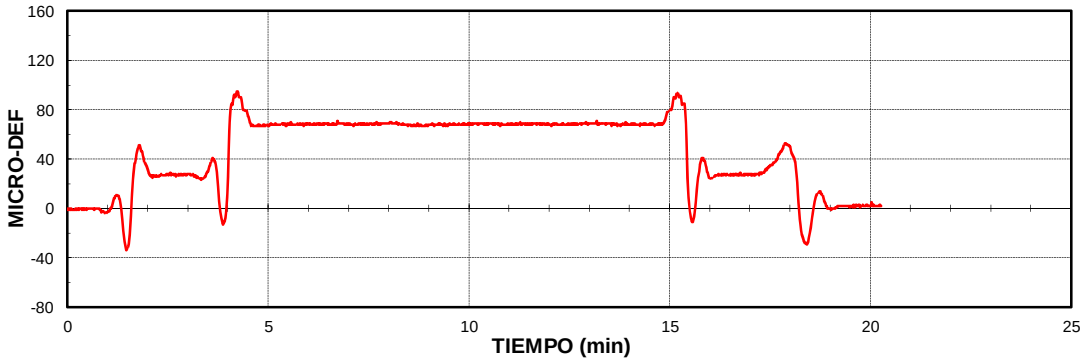
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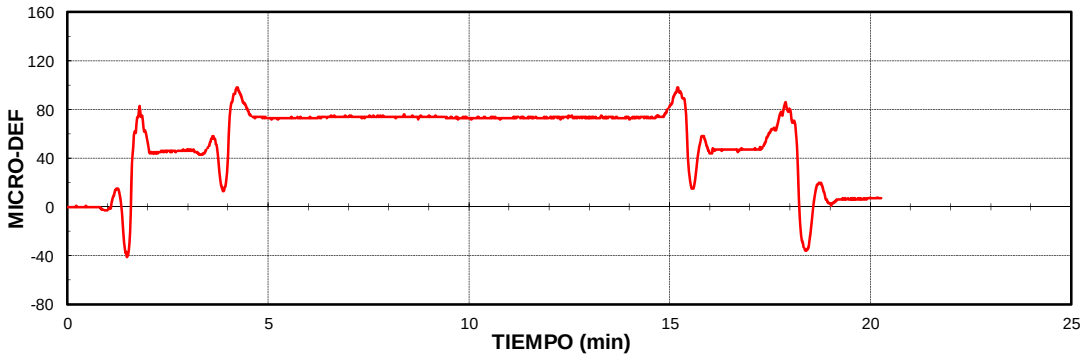


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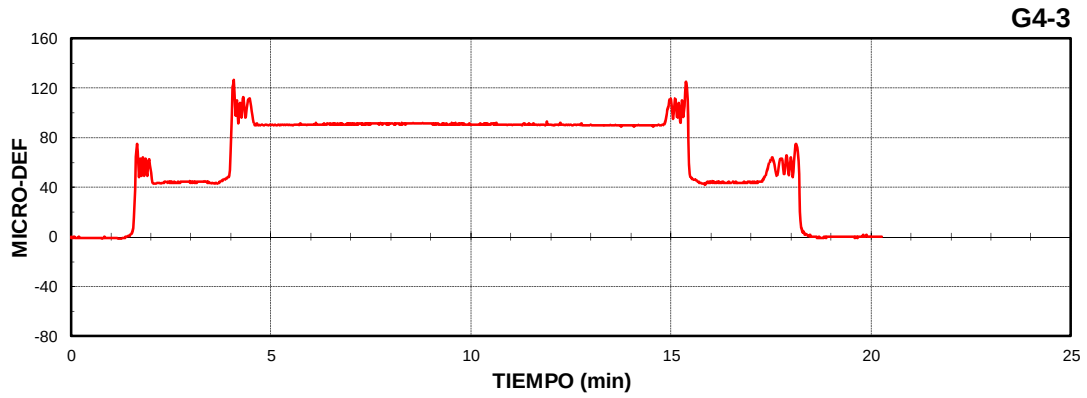
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G4-2

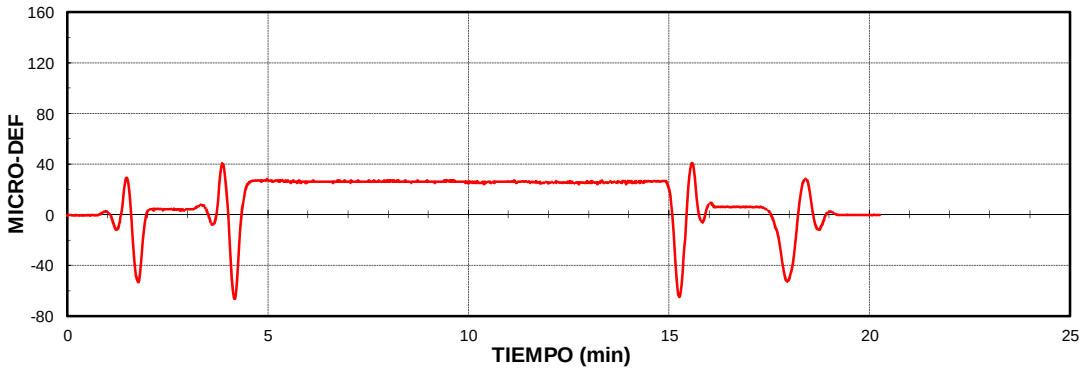


G4-3

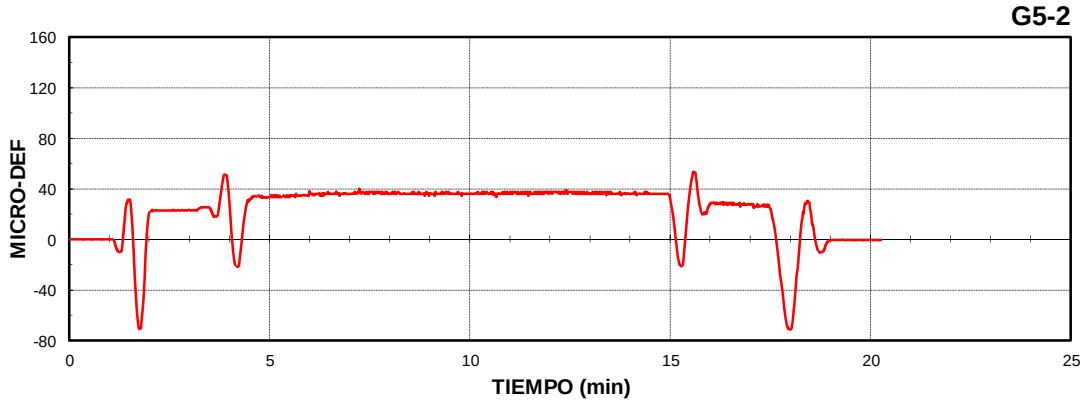


VIADUCTO METÁLICO SOBRE AP-7. Estado 7: Carga en vanos 4 y 5

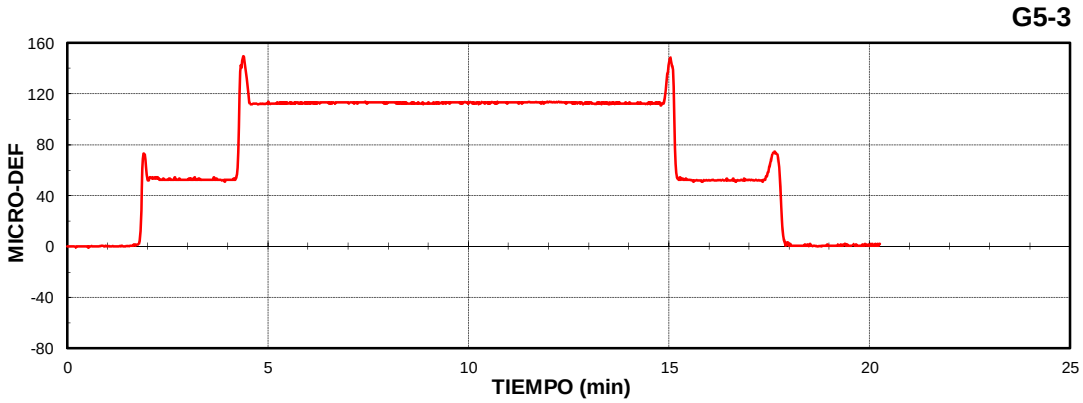
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G5-2



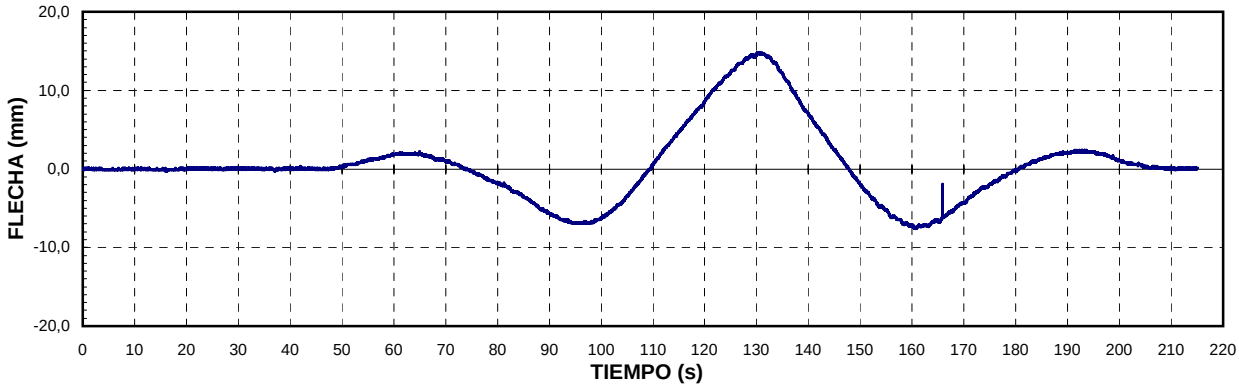
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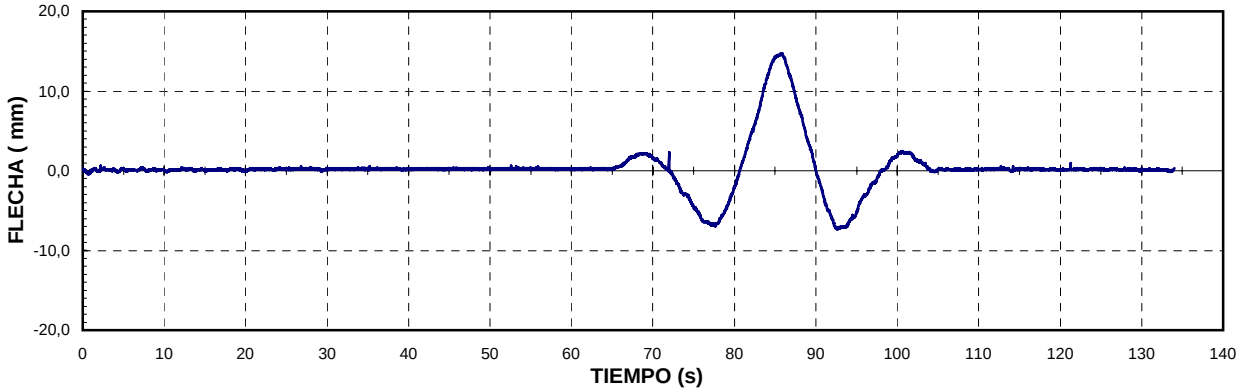
VIADUCTO METÁLICO SOBRE AP-7

PRUEBAS DINÁMICAS

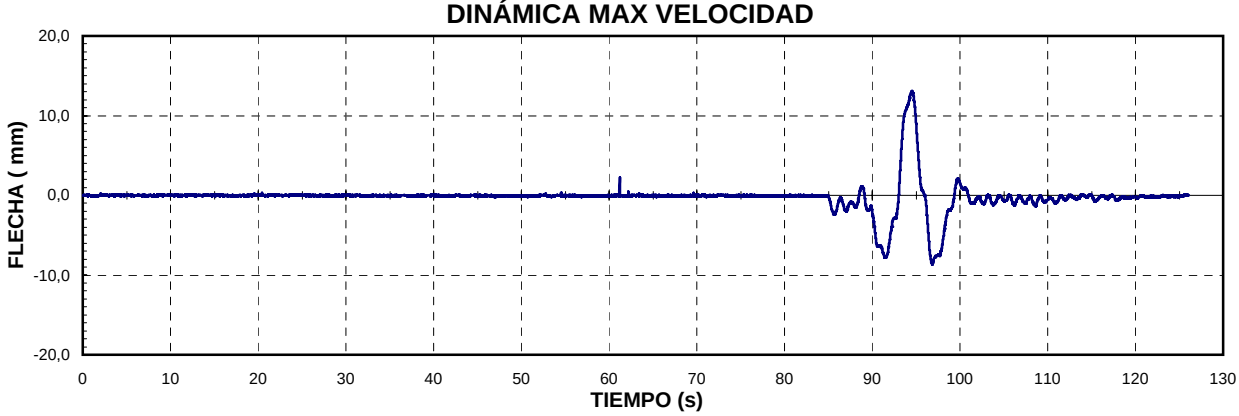
CUASI-ESTÁTICA



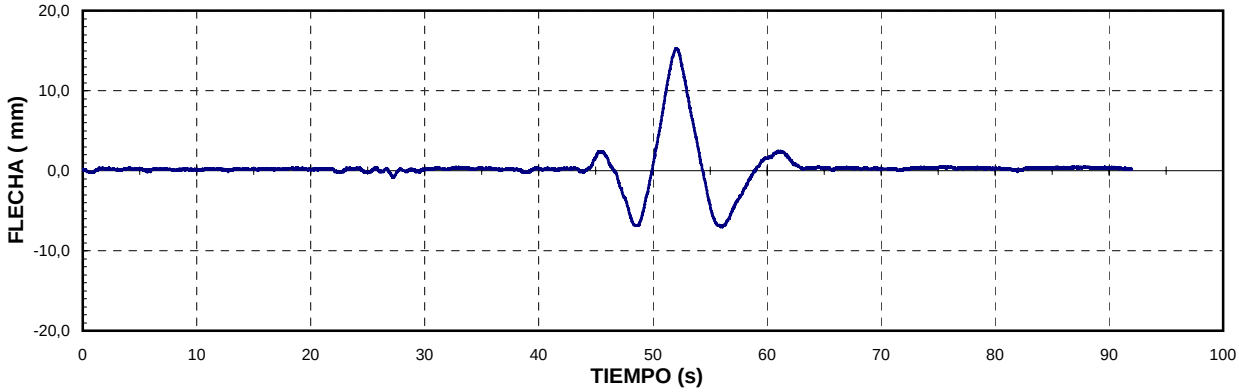
DINÁMICA 30 km/h



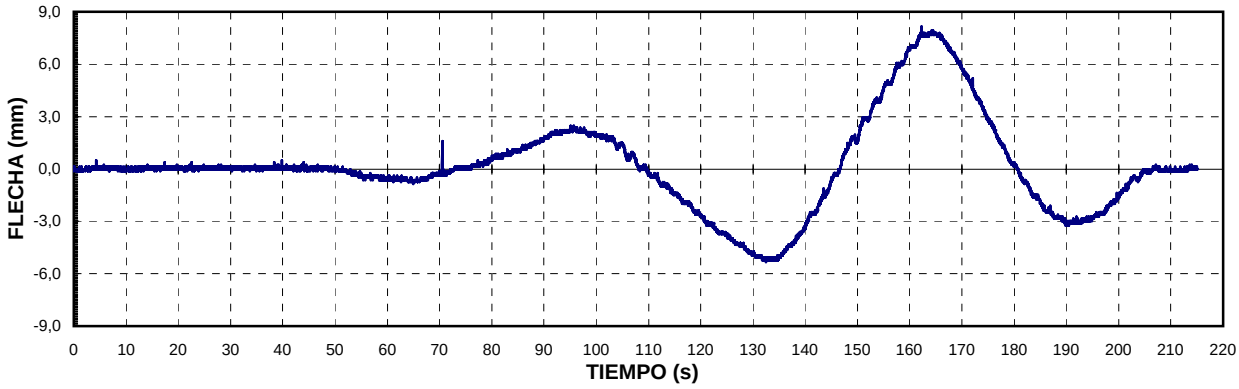
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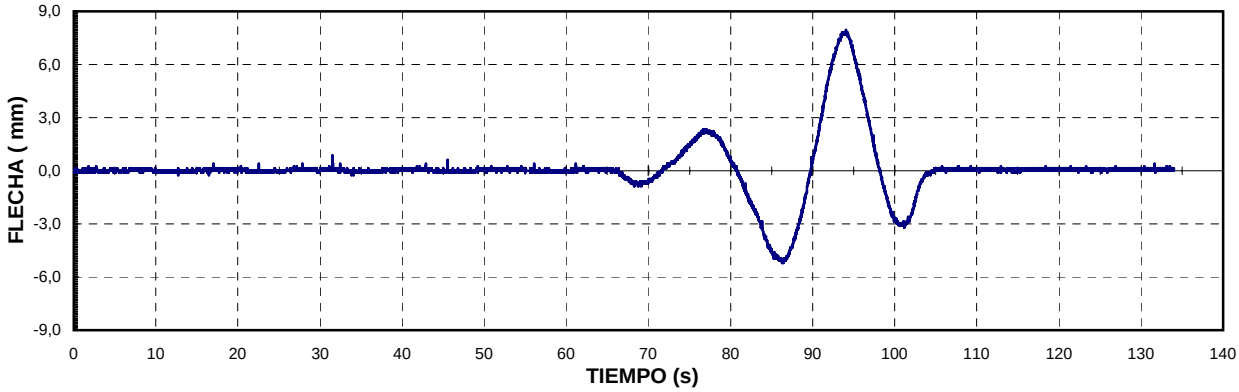
DINÁMICA DE FRENADO



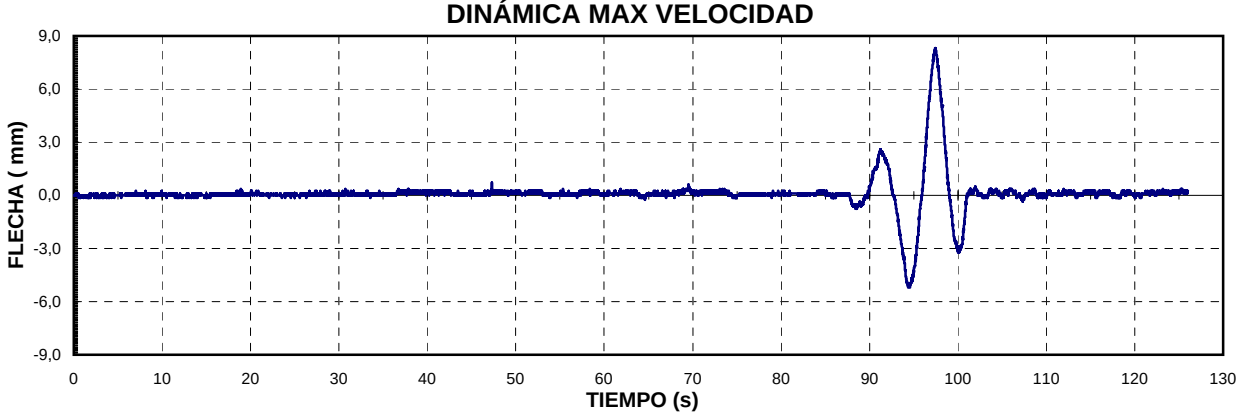
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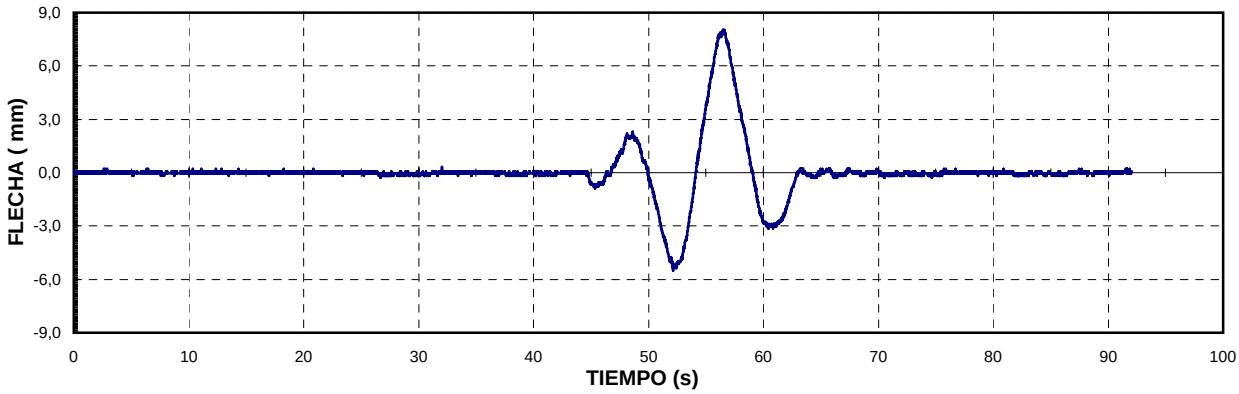
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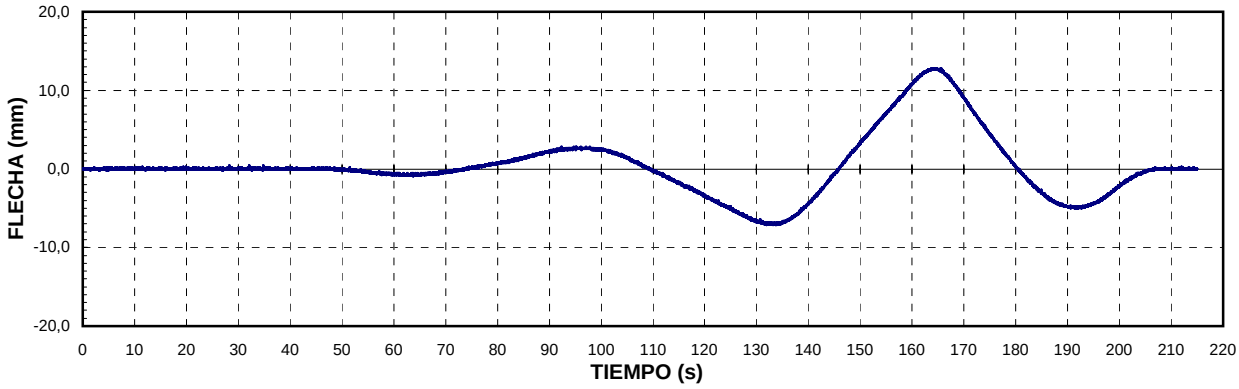
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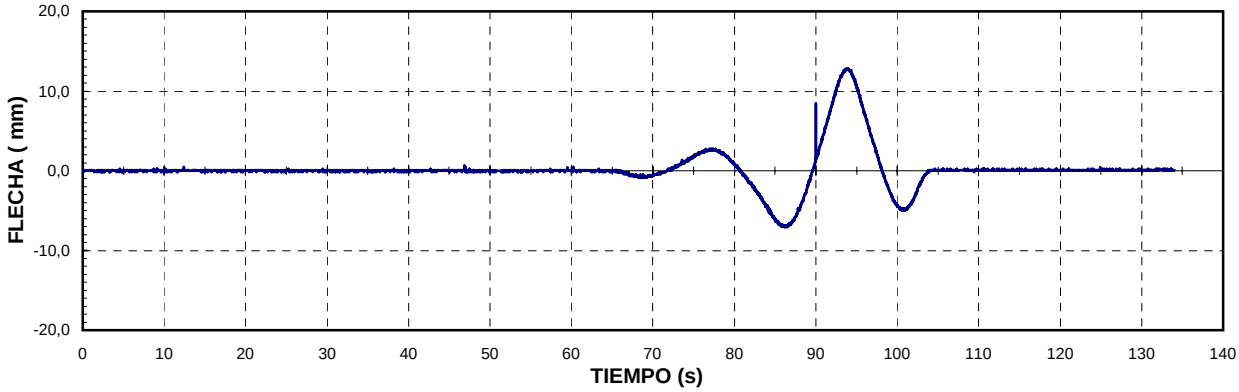
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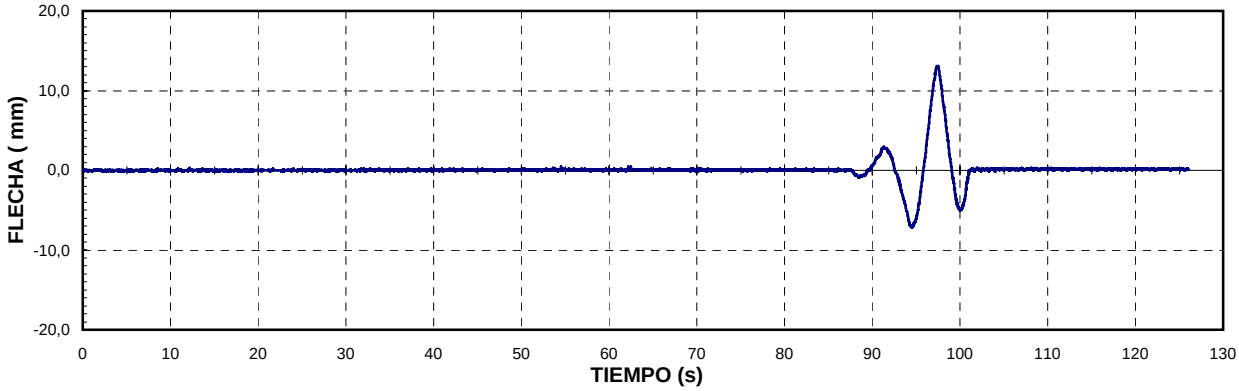
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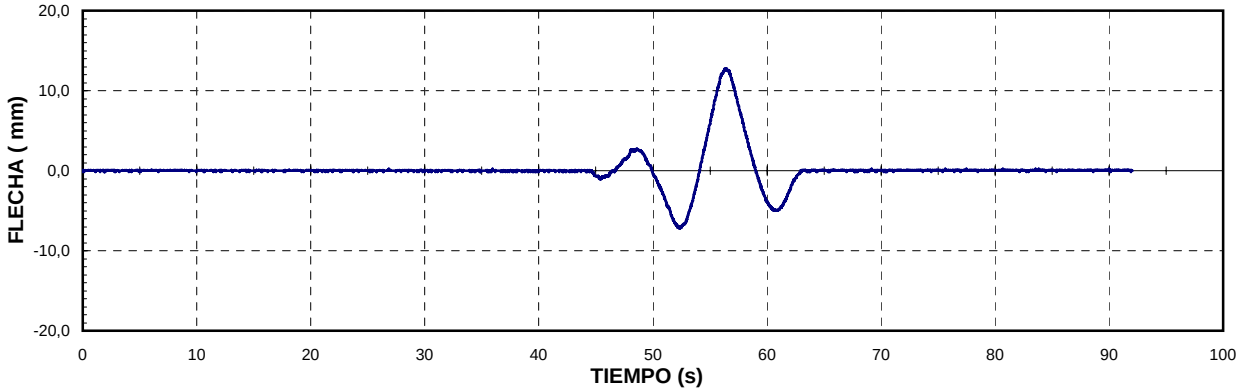
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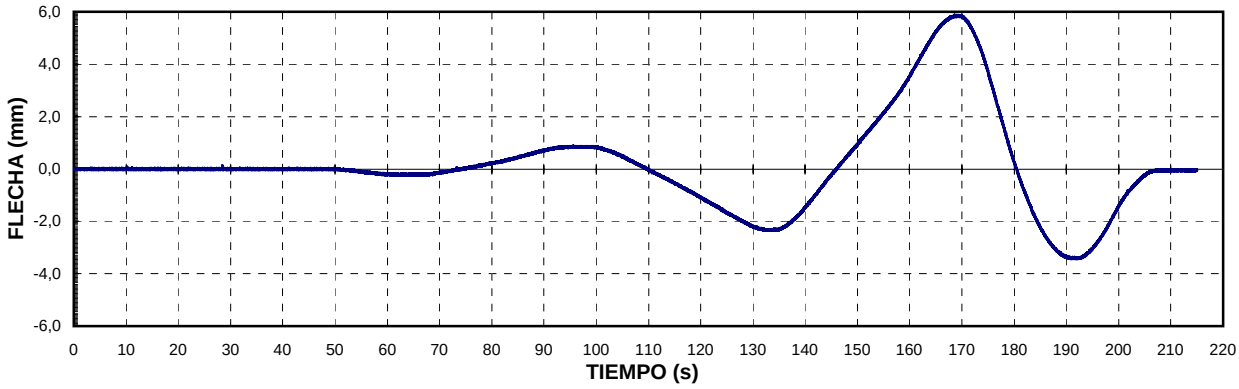
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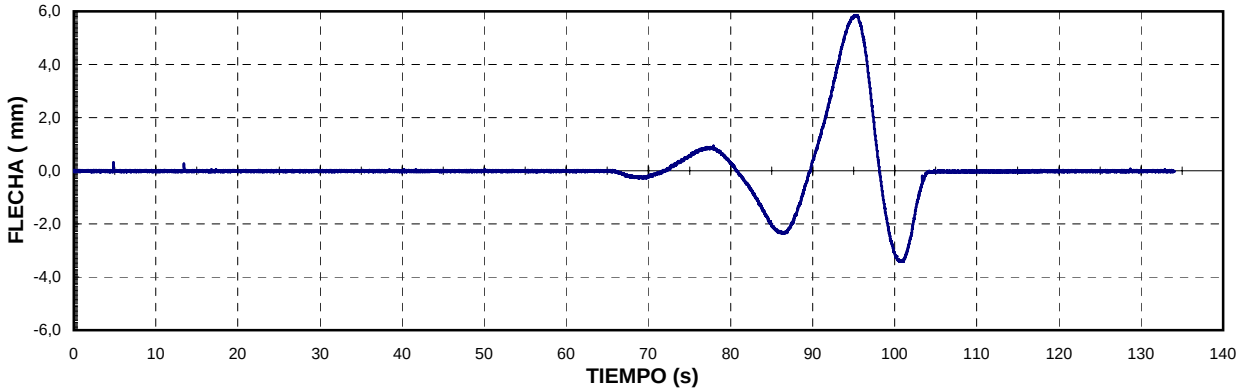
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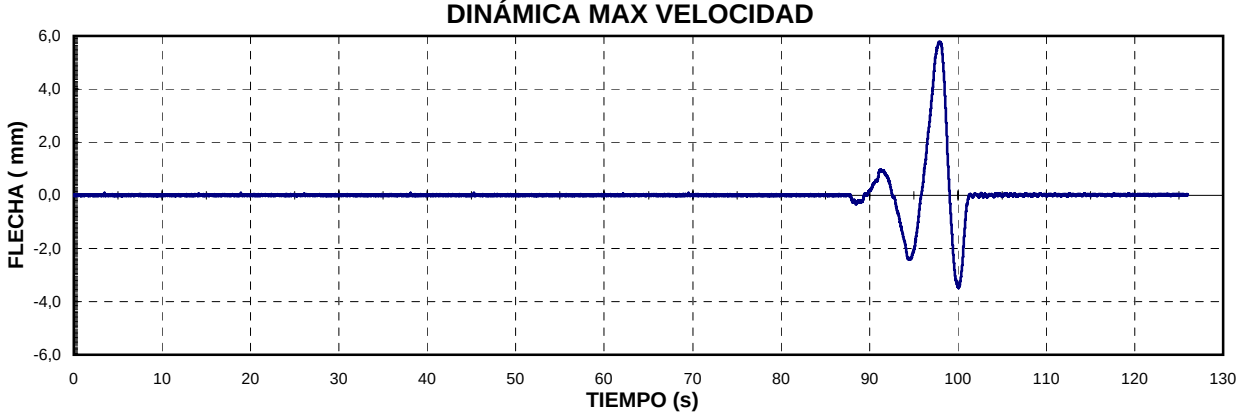
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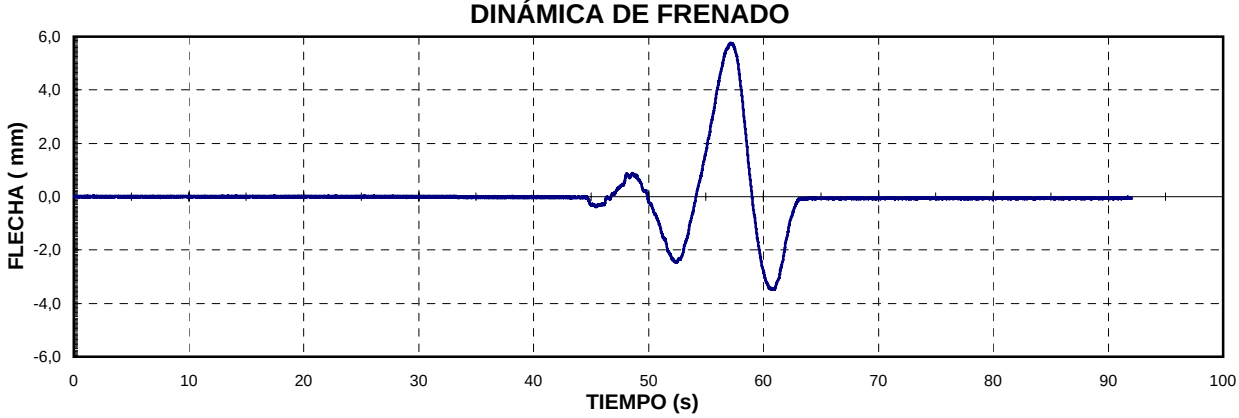
DINÁMICA 30 km/h



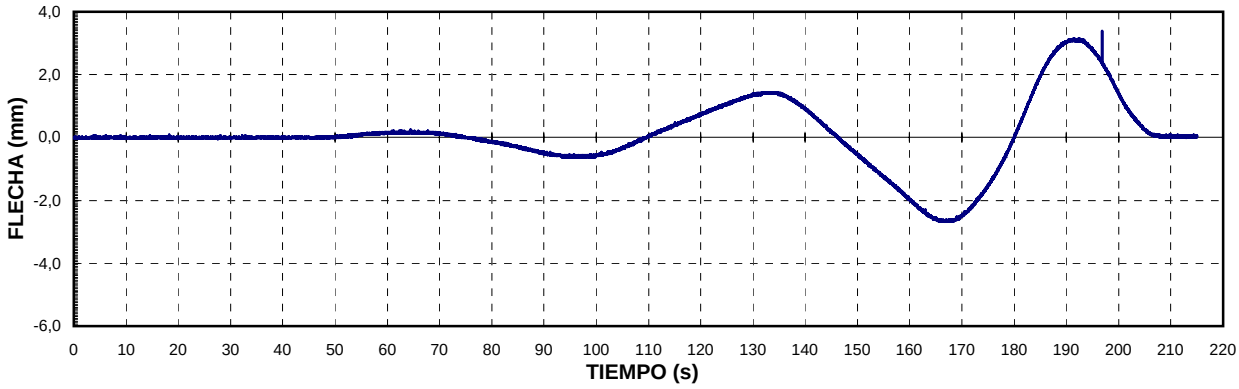
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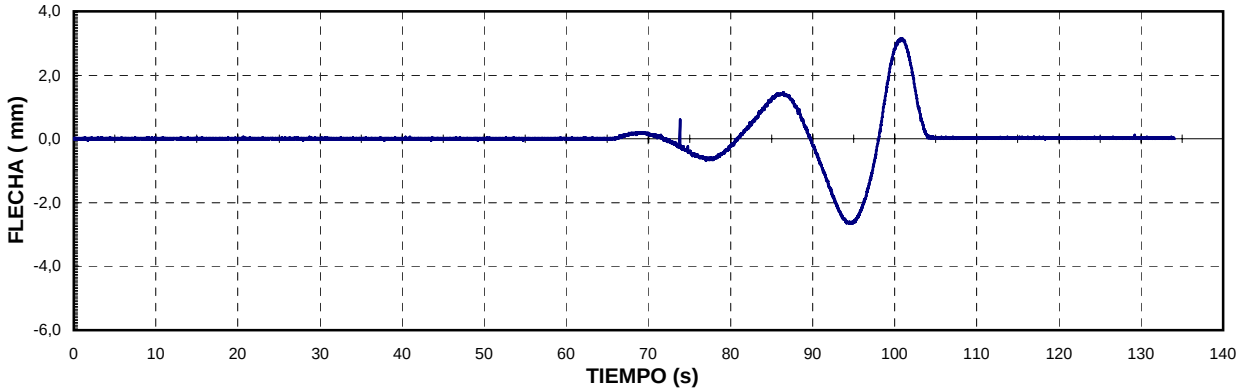
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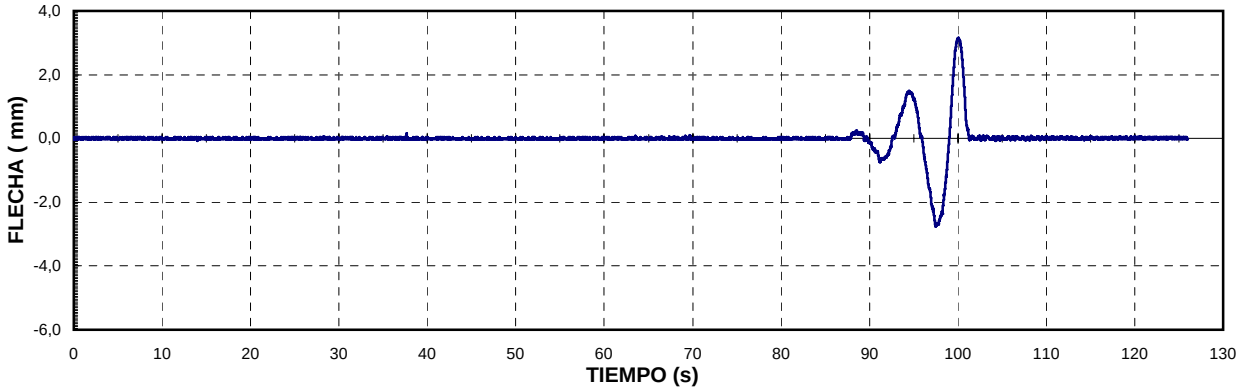
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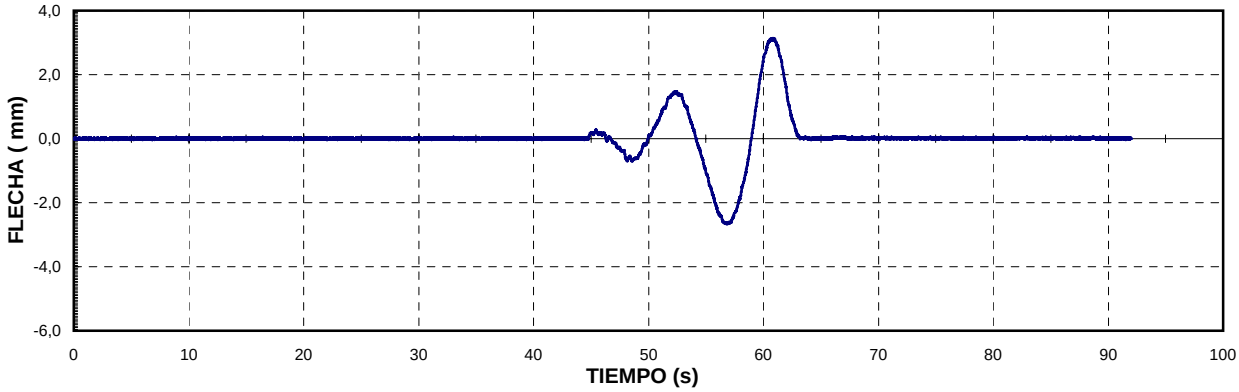
DINÁMICA 30 km/h



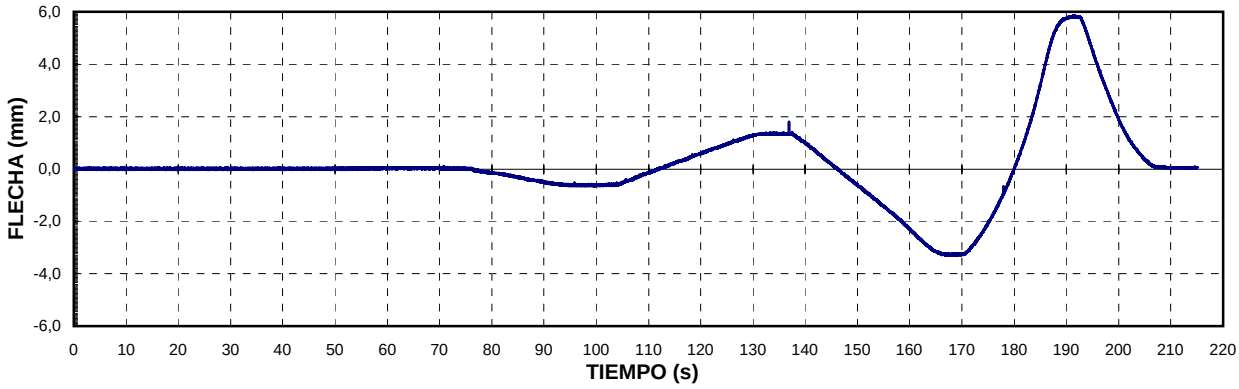
DINÁMICA MAX VELOCIDAD



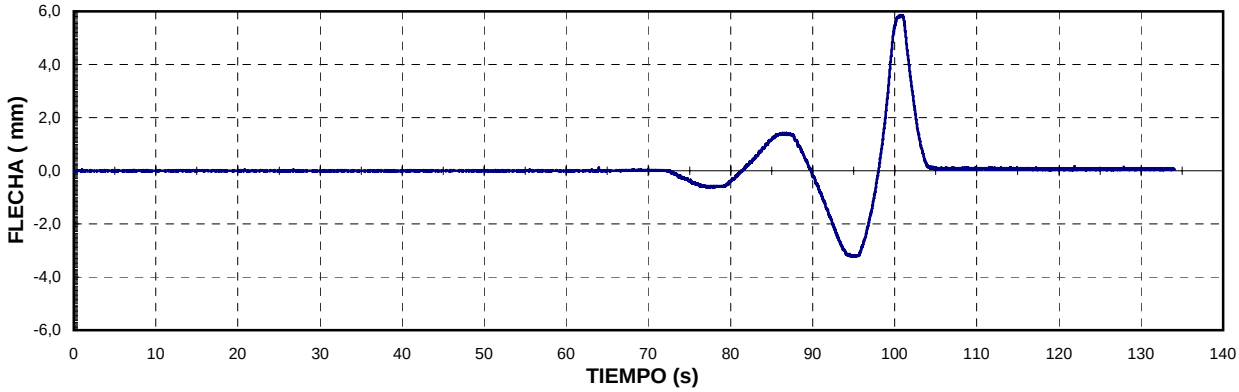
DINÁMICA DE FRENADO



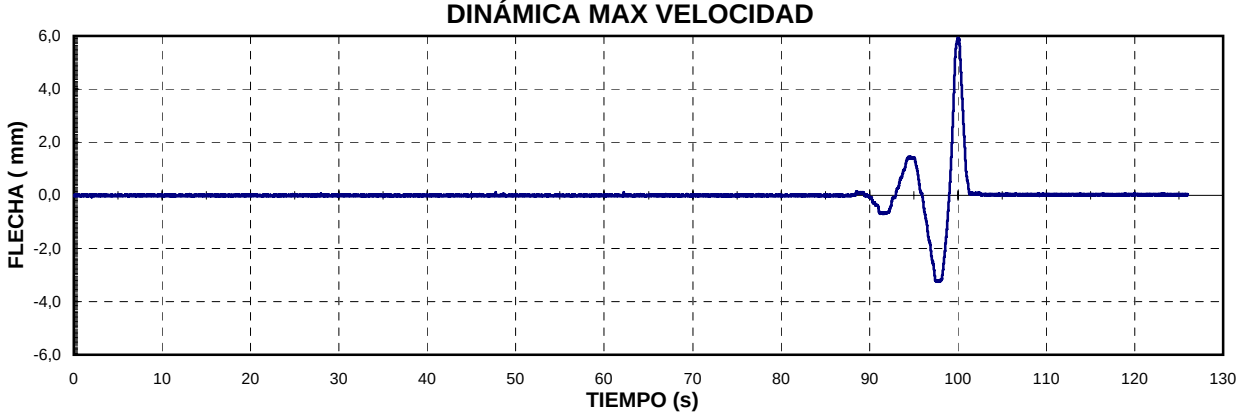
CUASI-ESTÁTICA



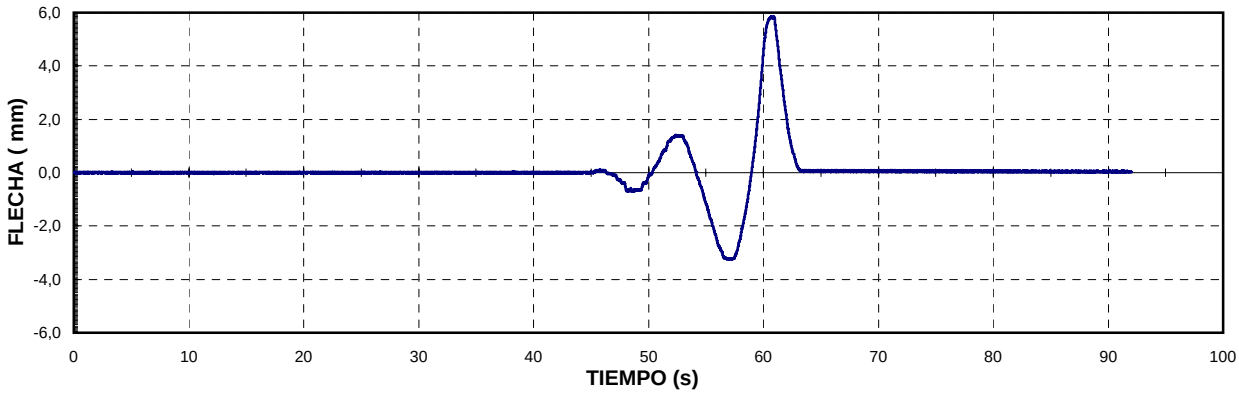
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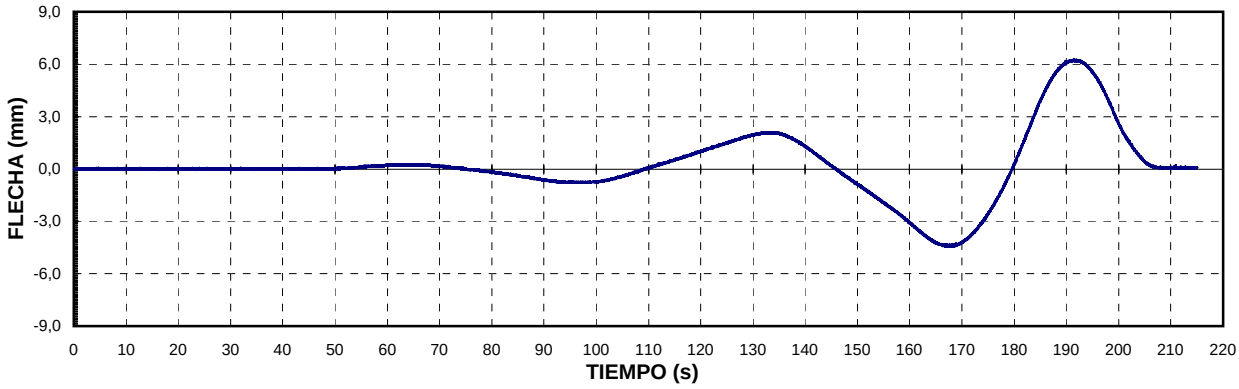
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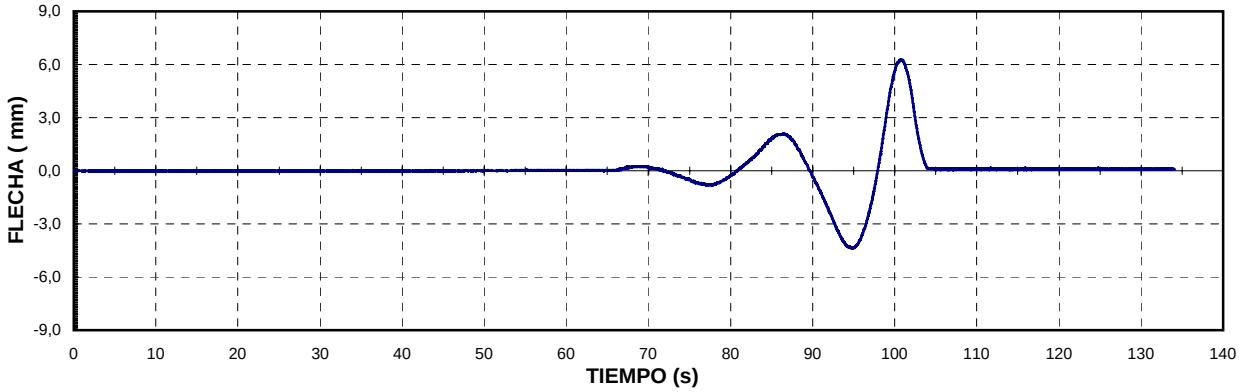
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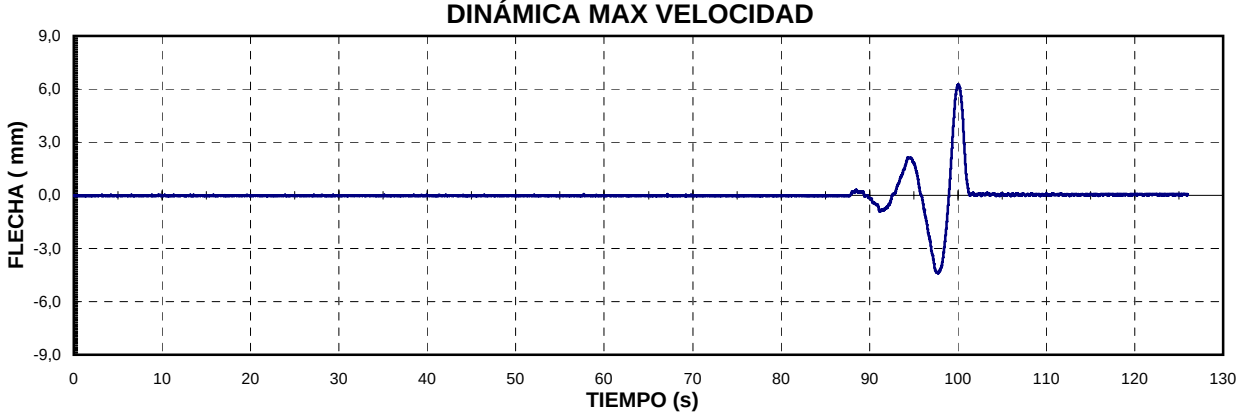
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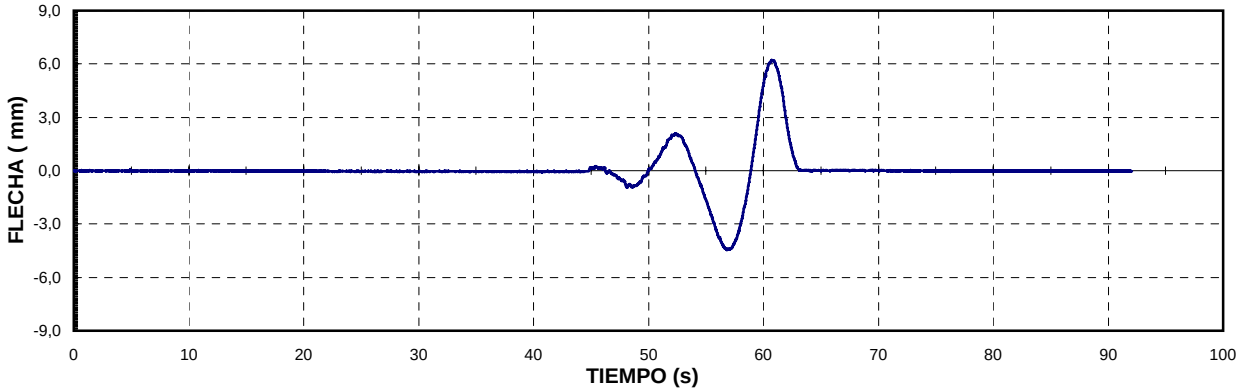
DINÁMICA 30 km/h



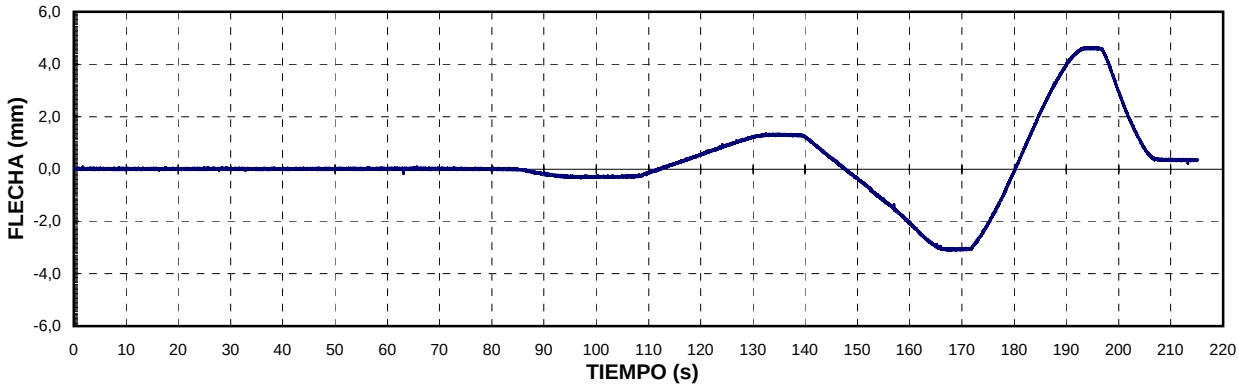
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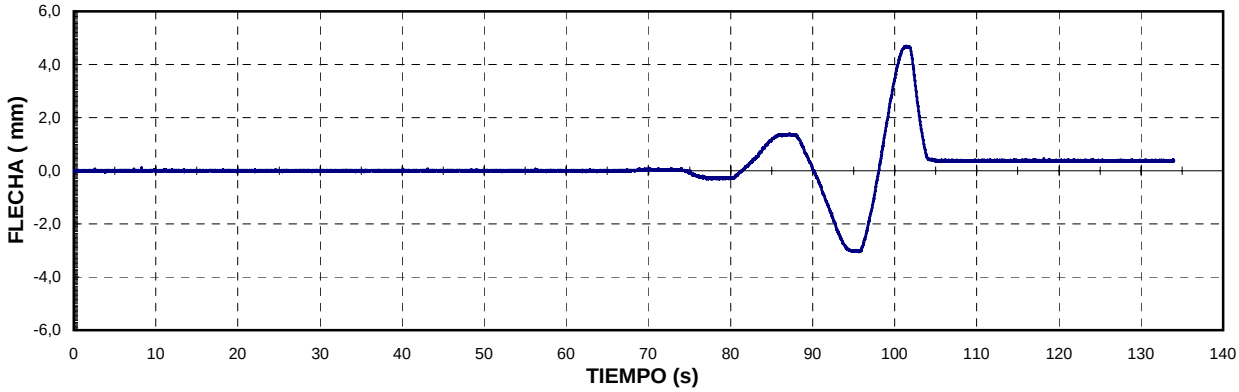
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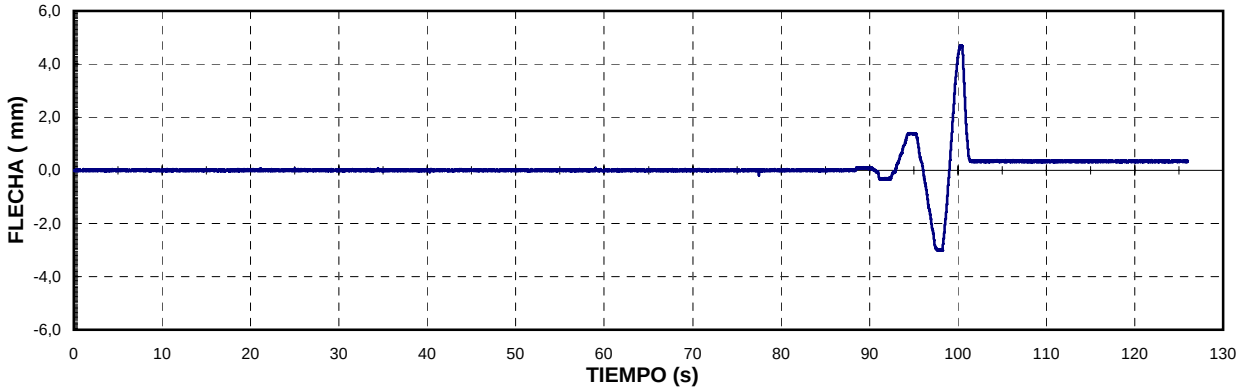
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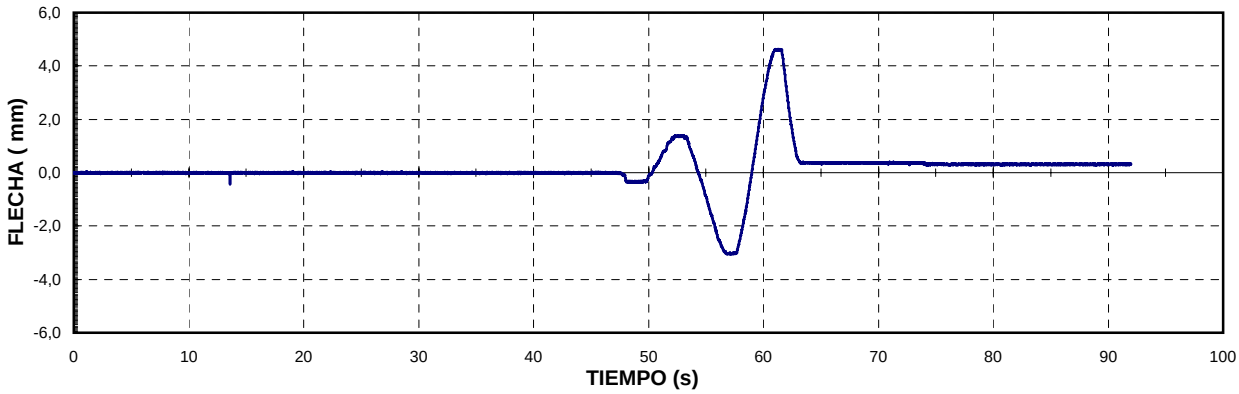
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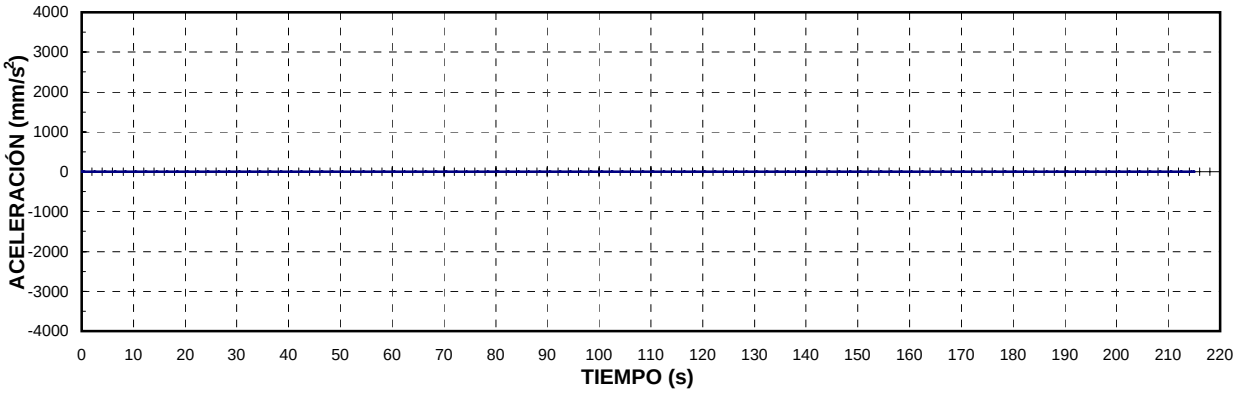
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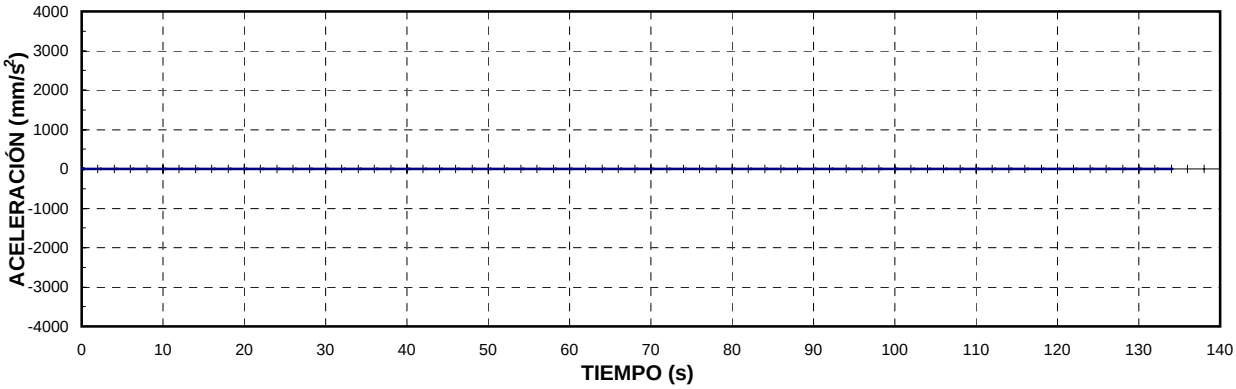
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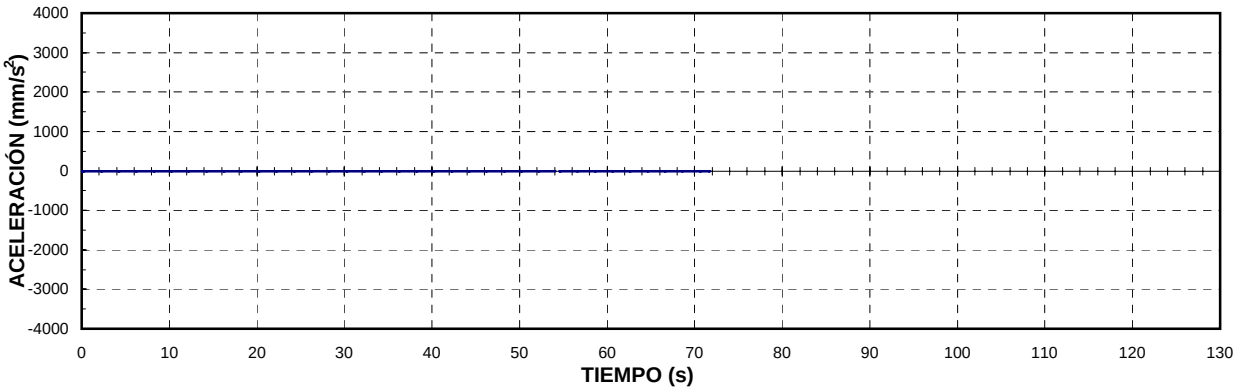
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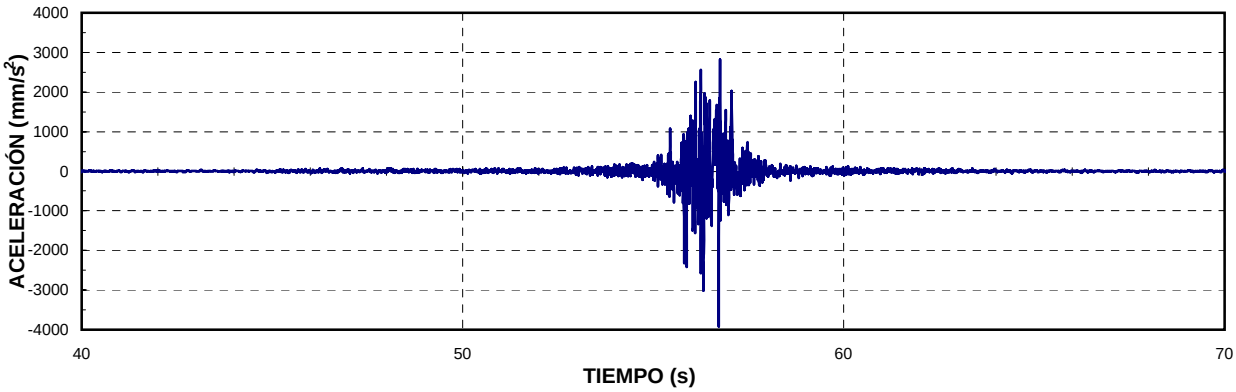
DINÁMICA 30 Km/h



DINÁMICA MAX VELOCIDAD

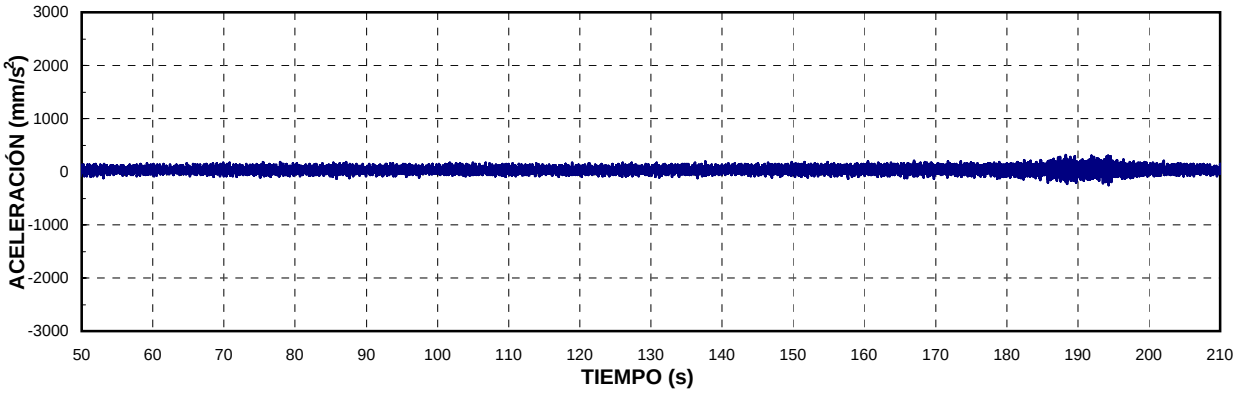


DINÁMICA DE FRENADO

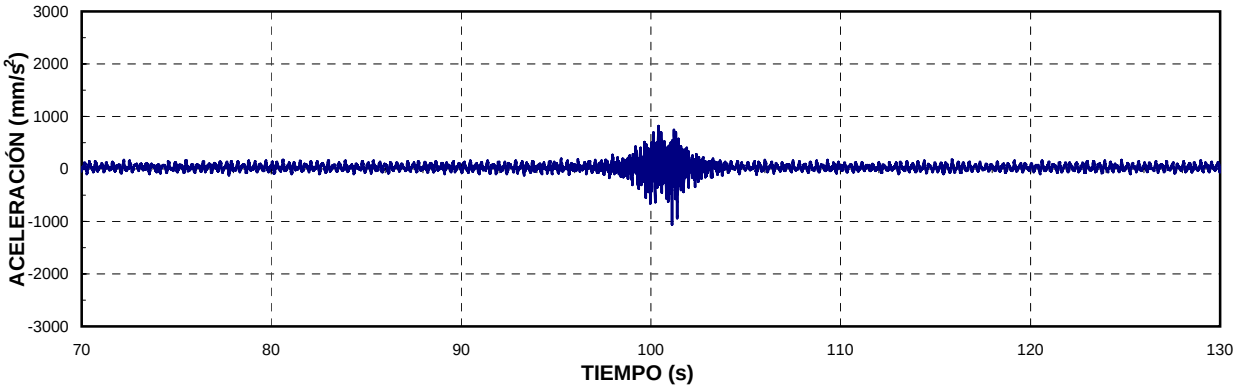


VIADUCTO METÁLICO SOBRE AP-7. Denominación: **ACV5**

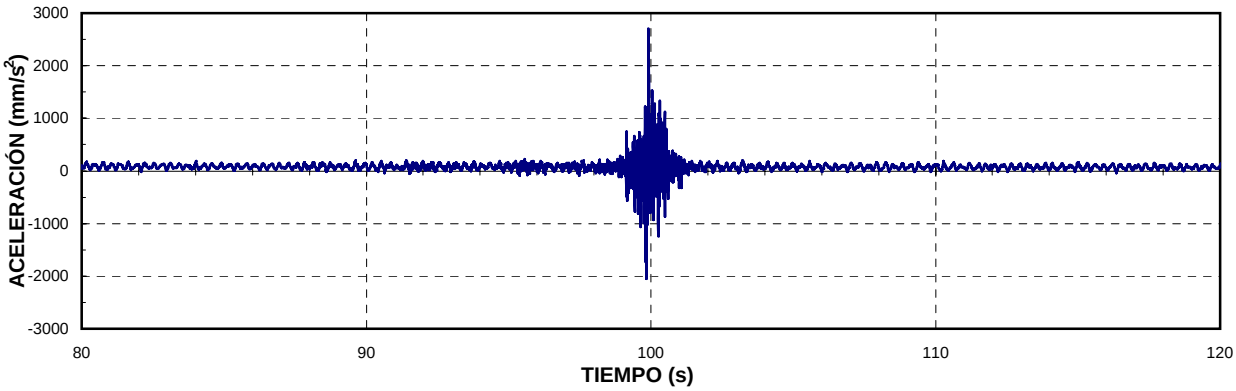
CUASI-ESTÁTICA



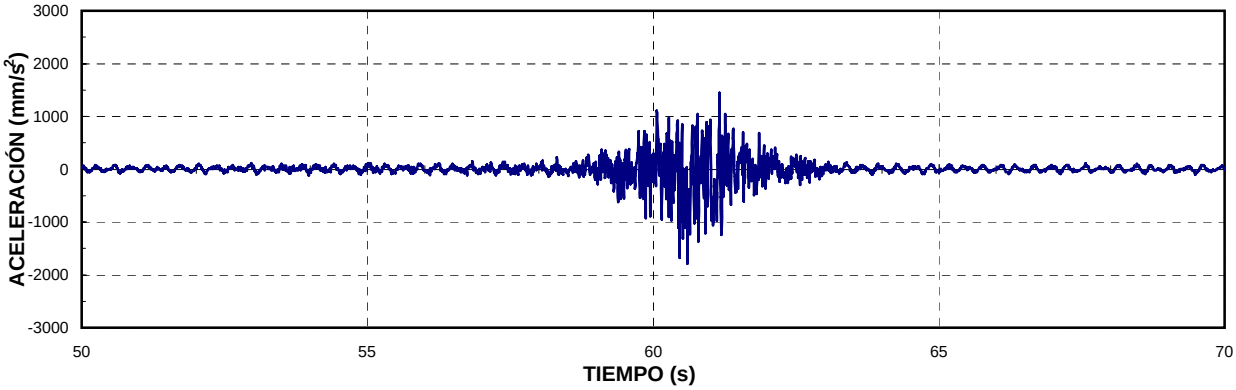
DINÁMICA 30 Km/h



DINÁMICA MAX VELOCIDAD



DINÁMICA DE FRENADO

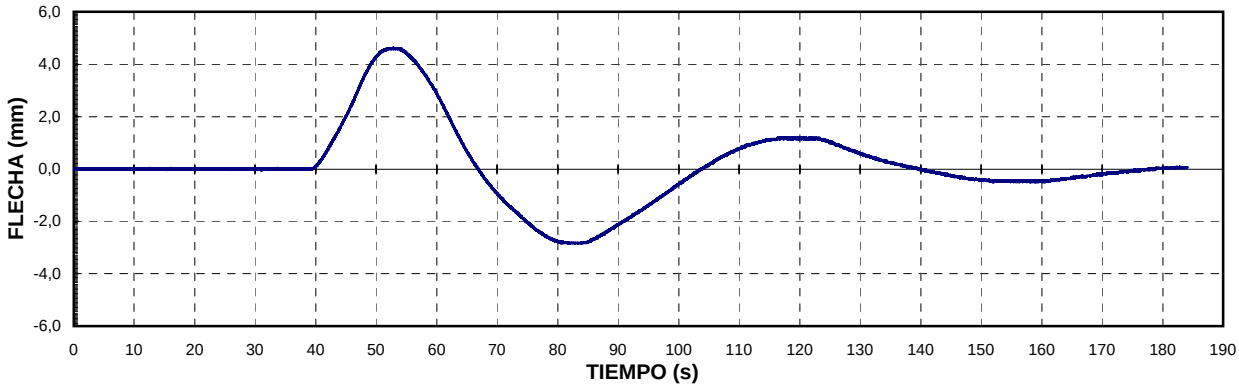


VIADUCTO METÁLICO SOBRE AP-7

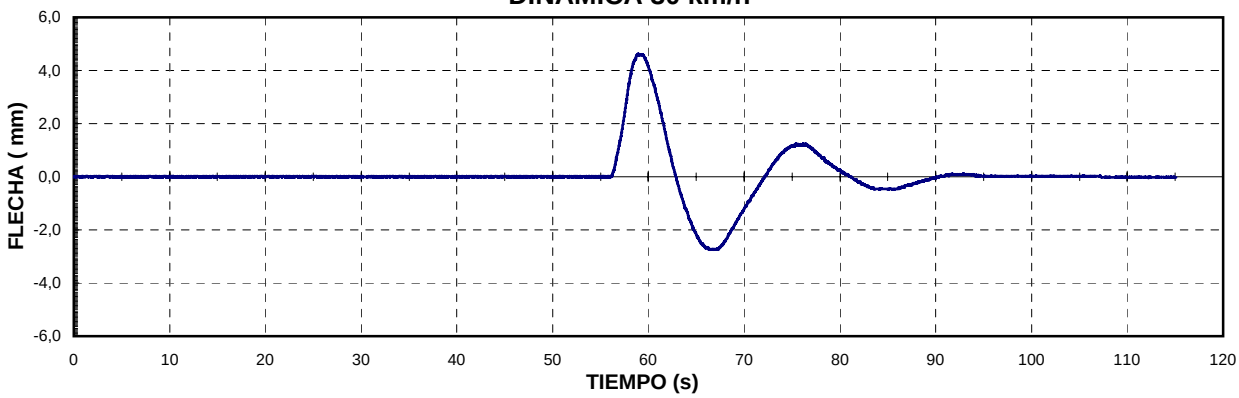
PRUEBAS DINÁMICAS

VIADUCTO METÁLICO SOBRE AP-7. Denominación: **P1-C**

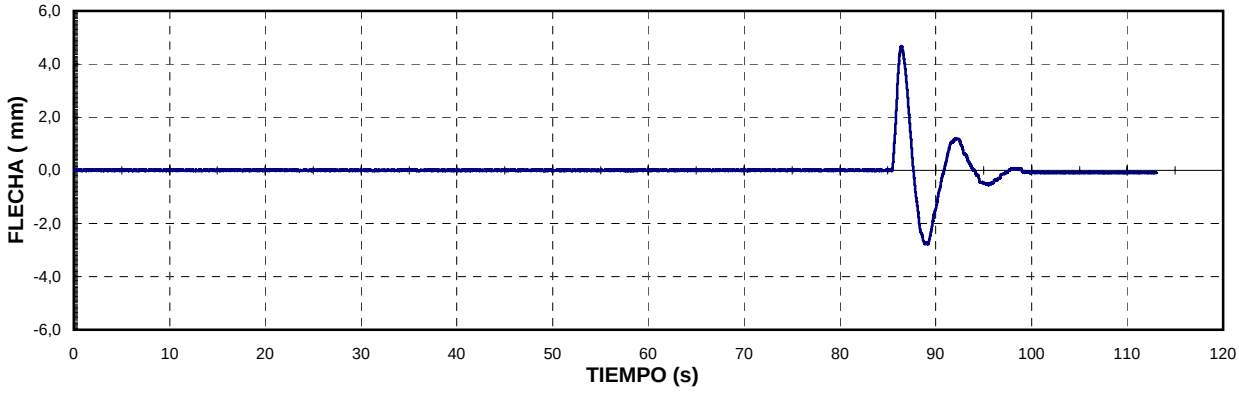
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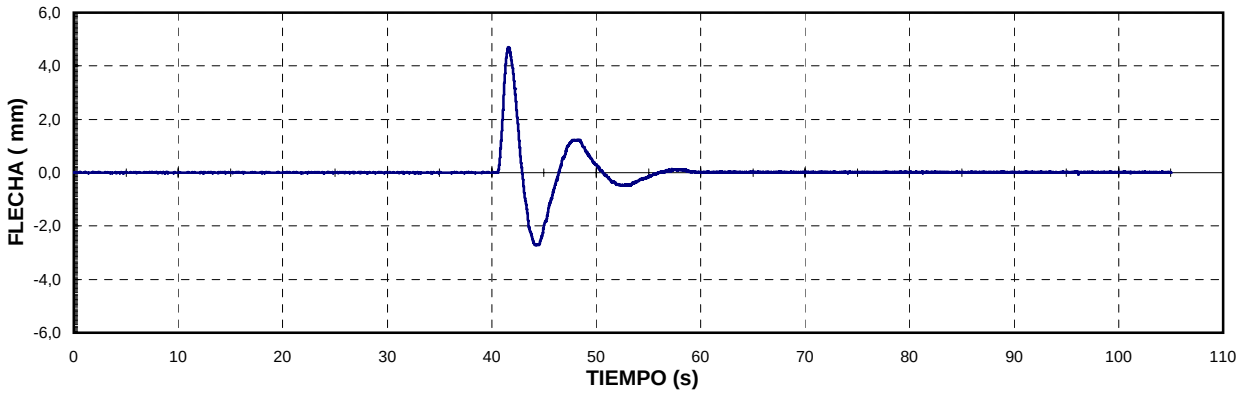
DINÁMICA 30 km/h



DINÁMICA MAX VELOCIDAD

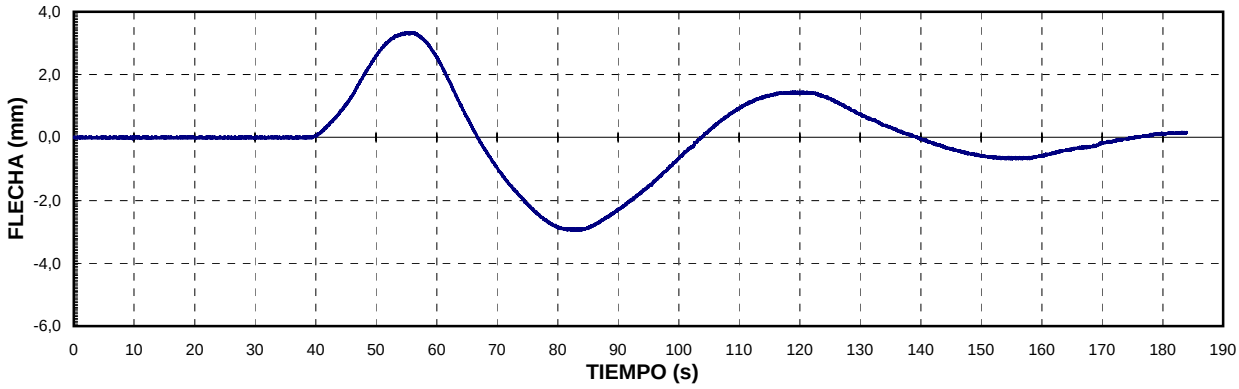


DINÁMICA DE FRENADO

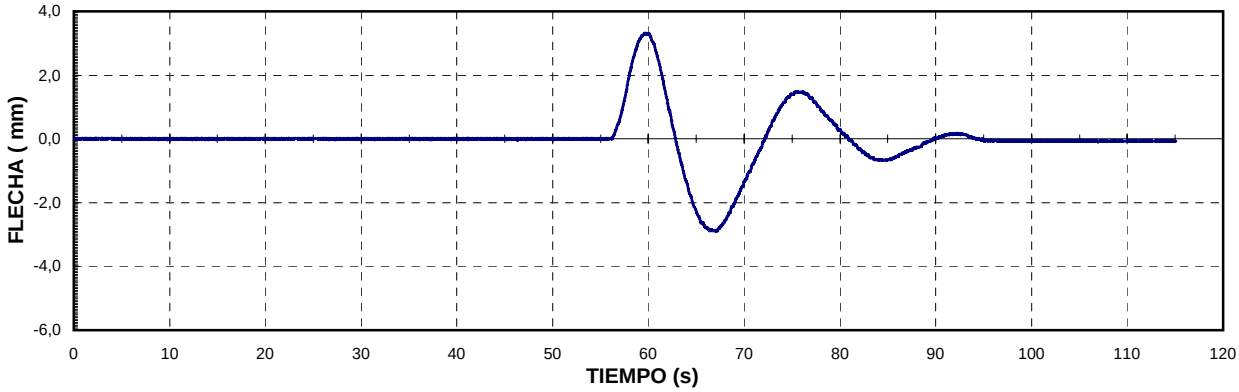


VIADUCTO METÁLICO SOBRE AP-7. Denominación: **P1-1**

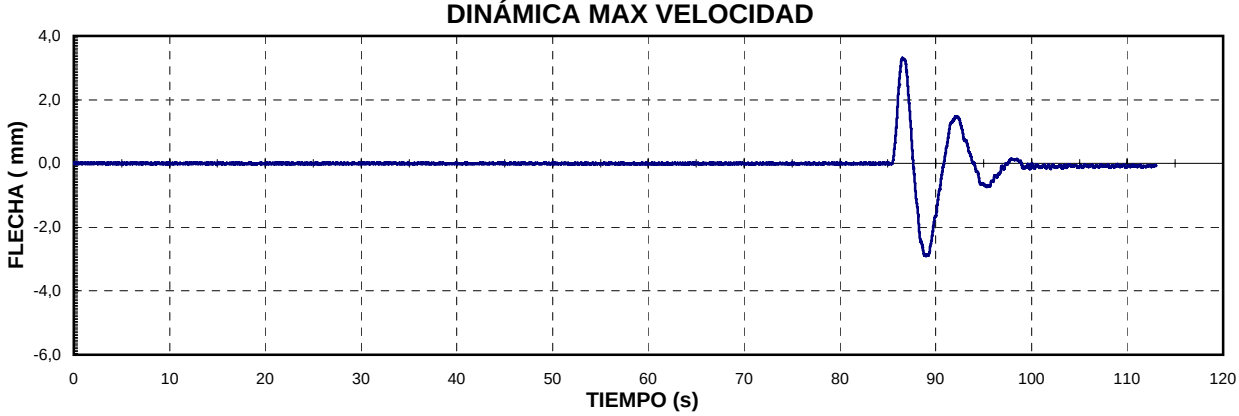
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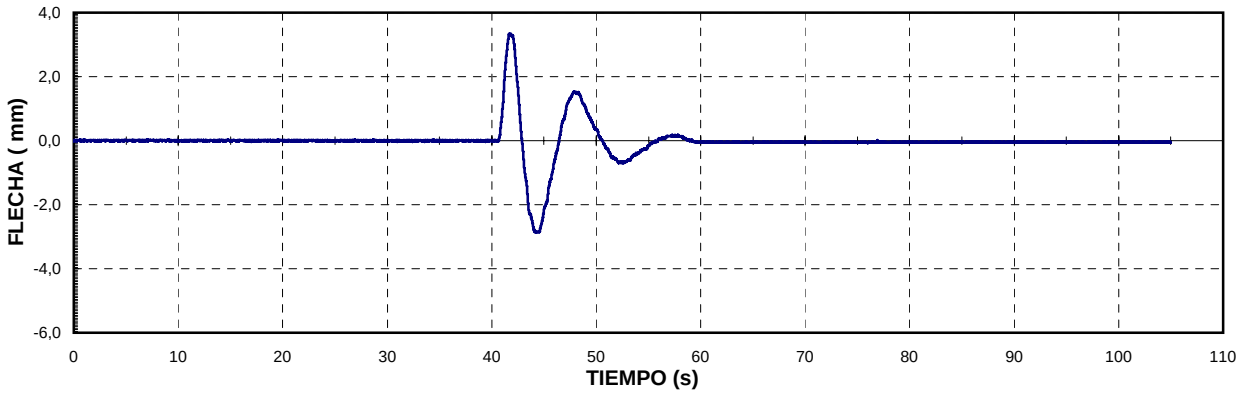
DINÁMICA 30 km/h



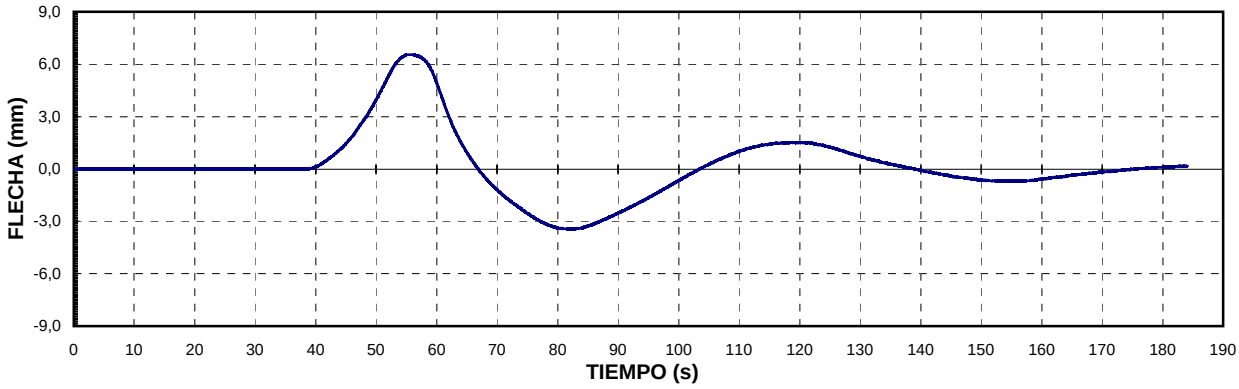
DINÁMICA MAX VELOCIDAD



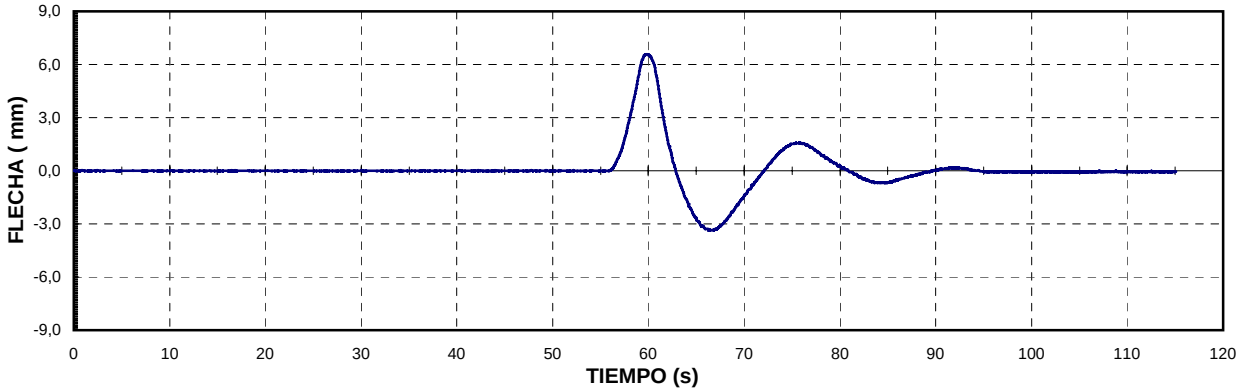
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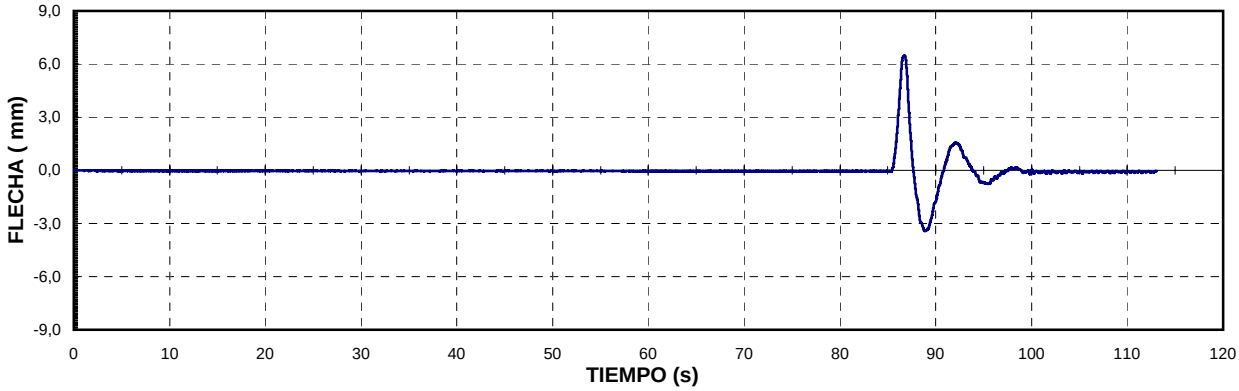
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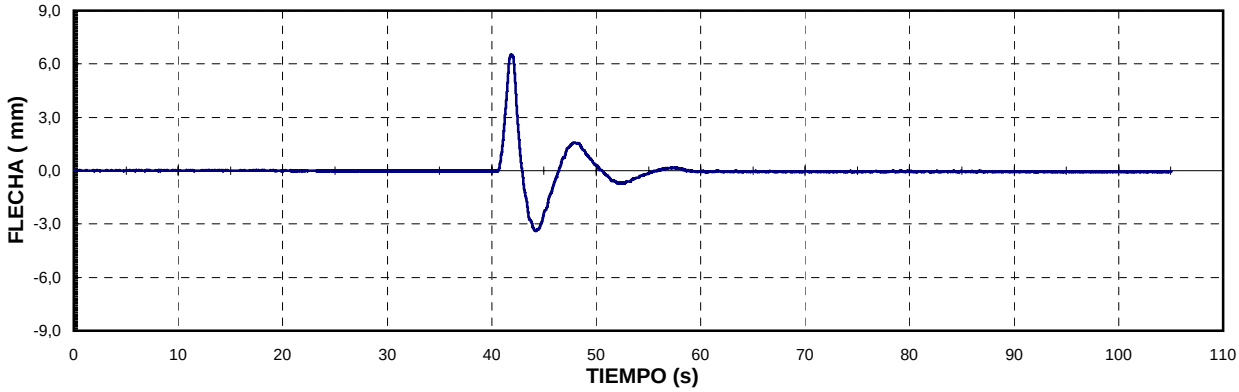
DINÁMICA 30 km/h



DINÁMICA MAX VELOCIDAD

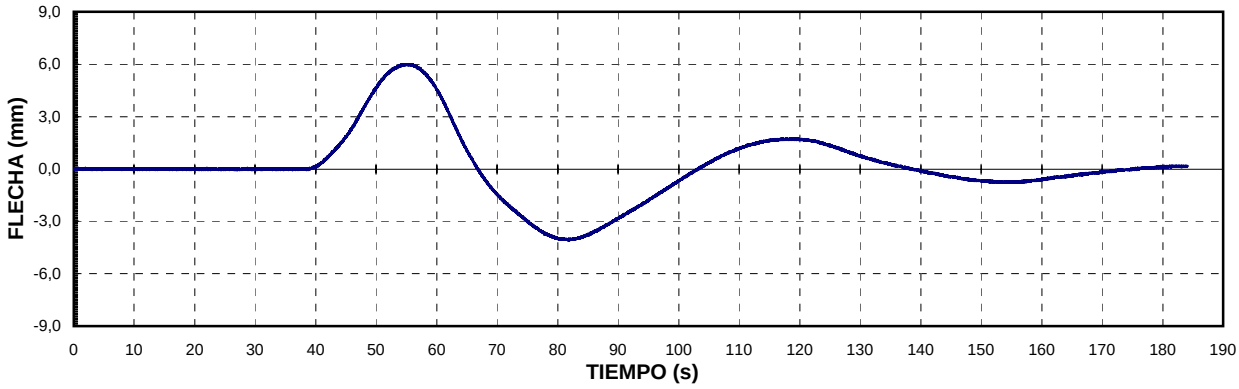


DINÁMICA DE FRENADO

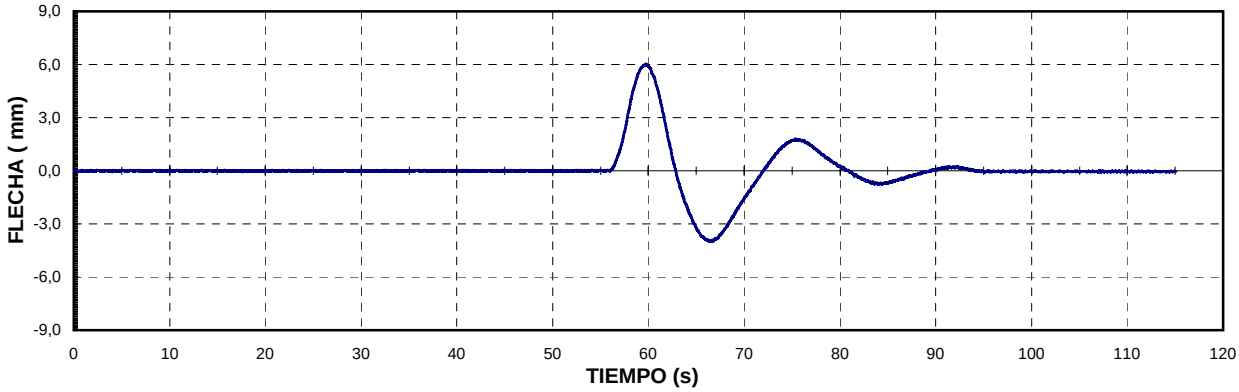


VIADUCTO METÁLICO SOBRE AP-7. Denominación: **P1-2**

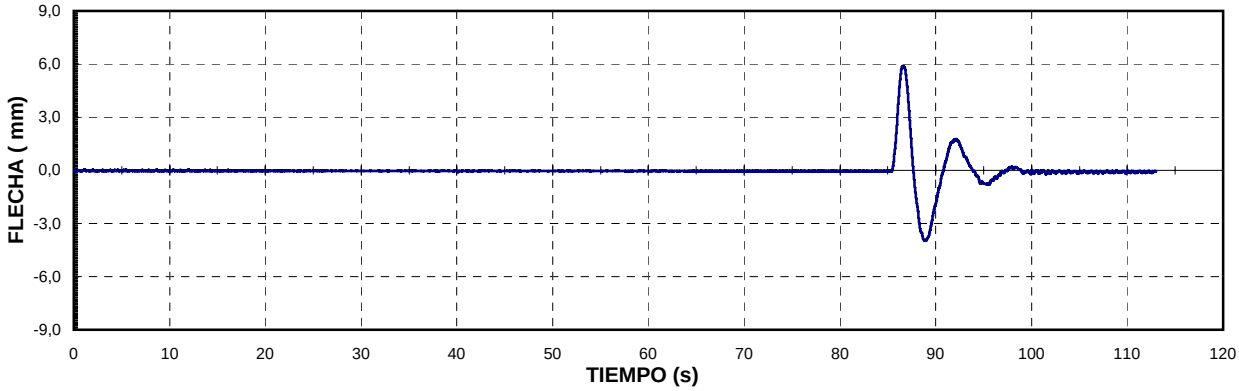
CUASI-ESTÁTICA



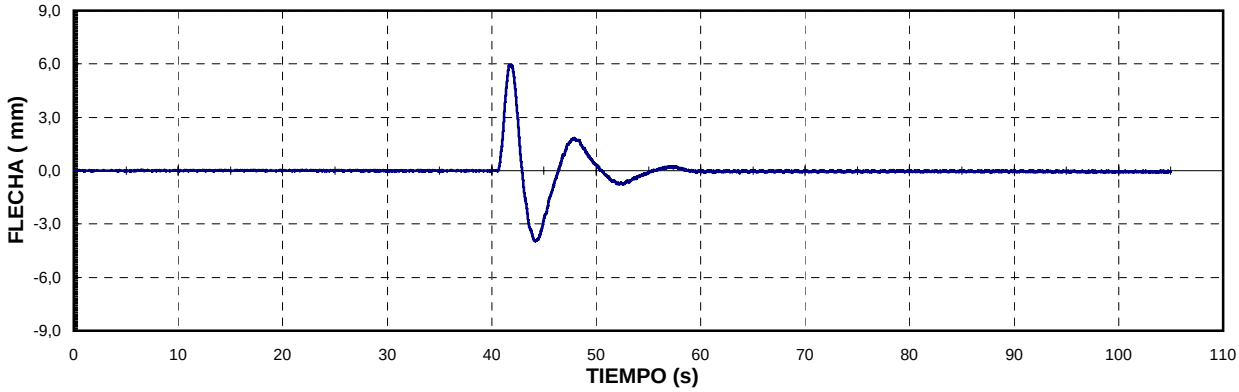
DINÁMICA 30 km/h



DINÁMICA MAX VELOCIDAD

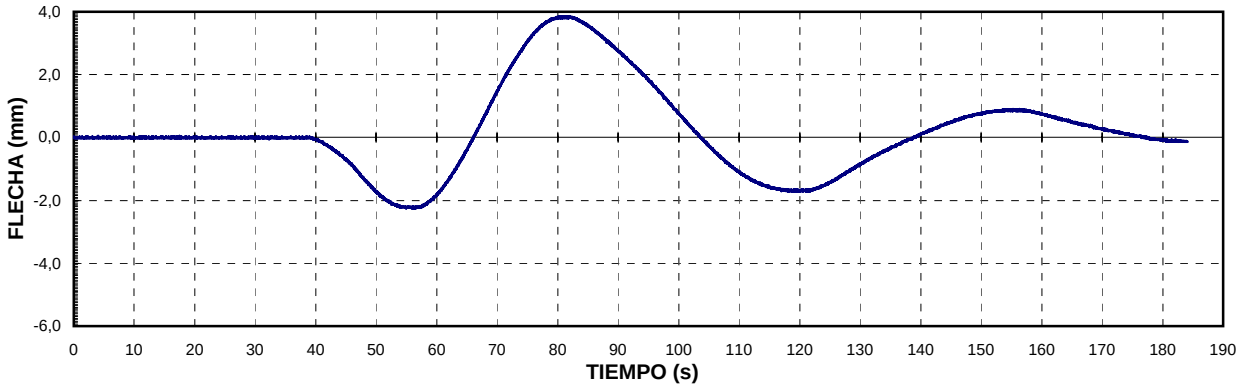


DINÁMICA DE FRENADO

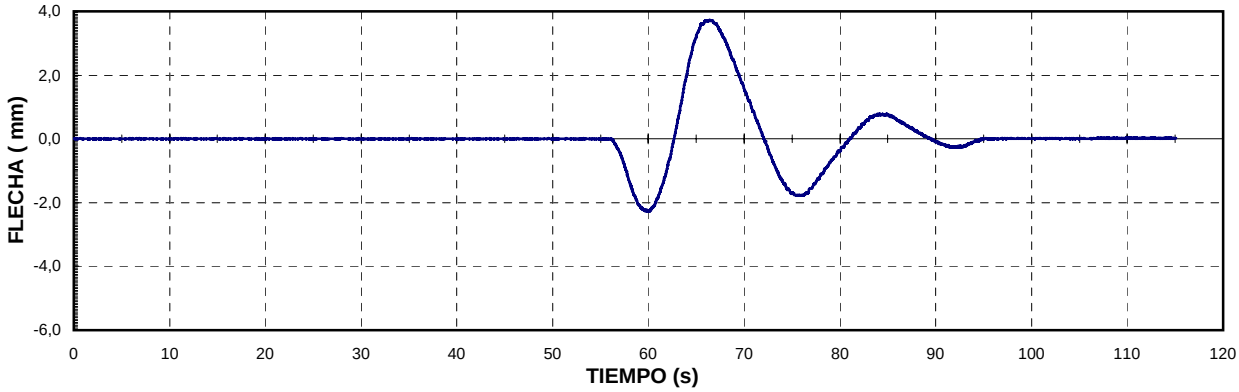


VIADUCTO METÁLICO SOBRE AP-7. Denominación: **P2-C**

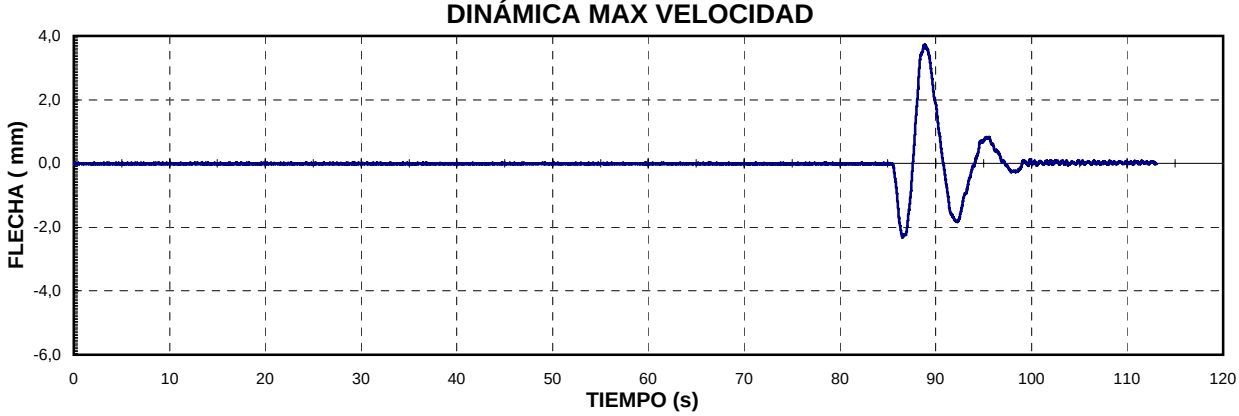
CUASI-ESTÁTICA



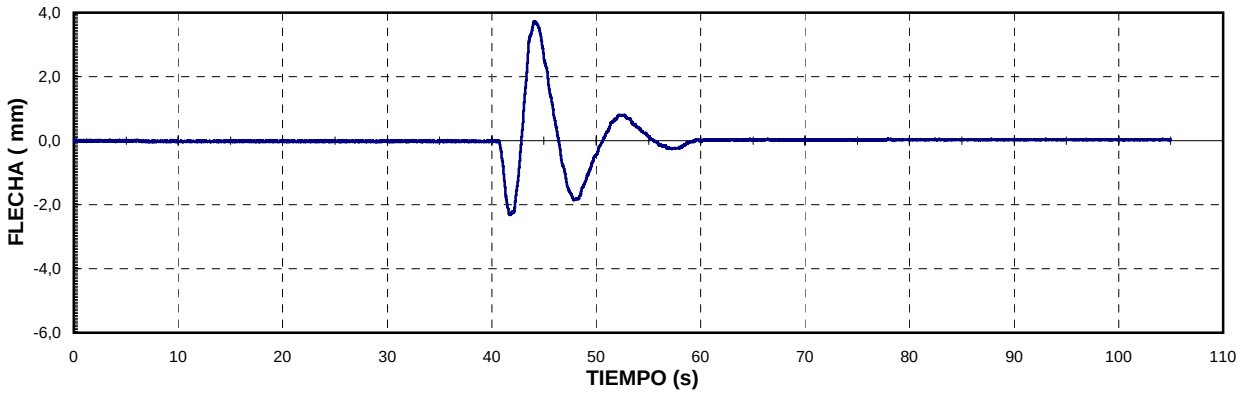
DINÁMICA 30 km/h



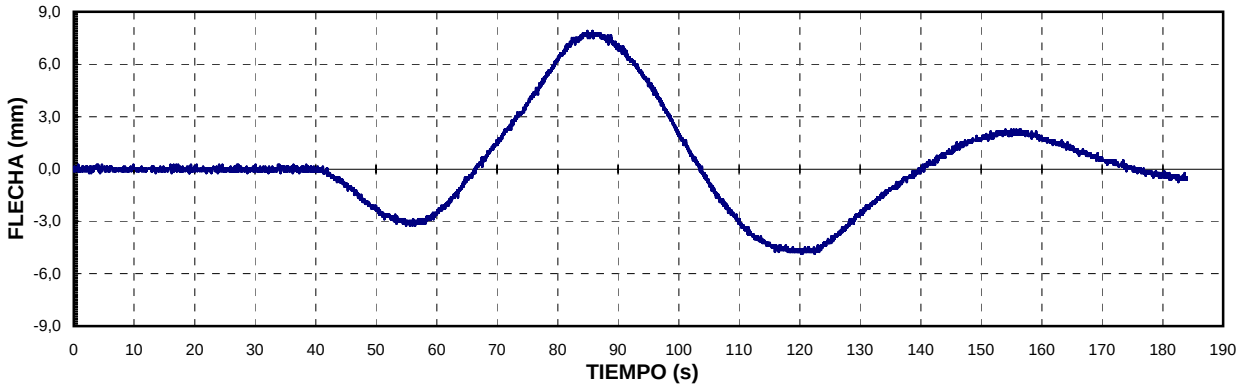
DINÁMICA MAX VELOCIDAD



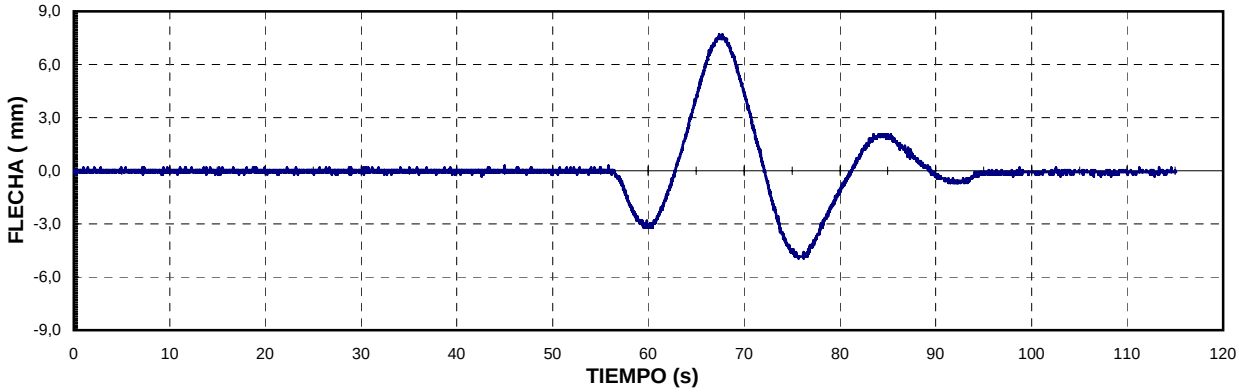
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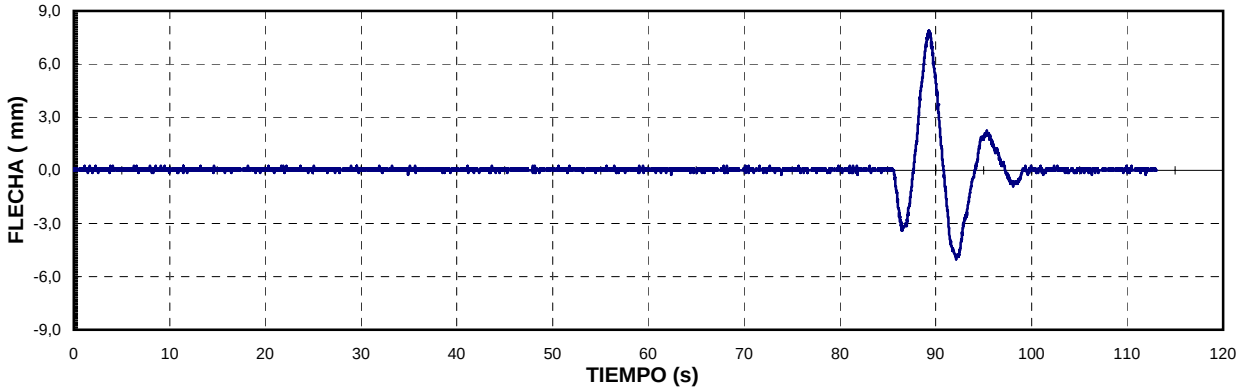
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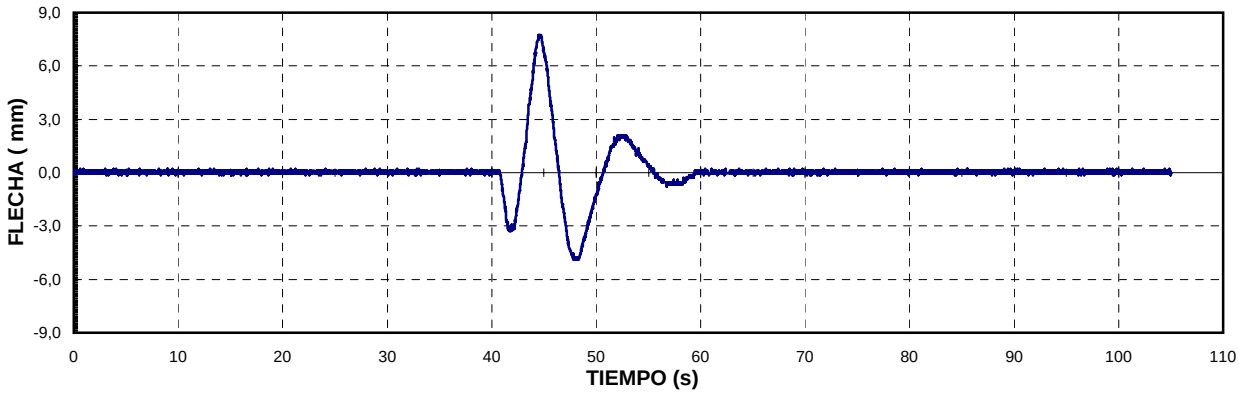
DINÁMICA 30 km/h



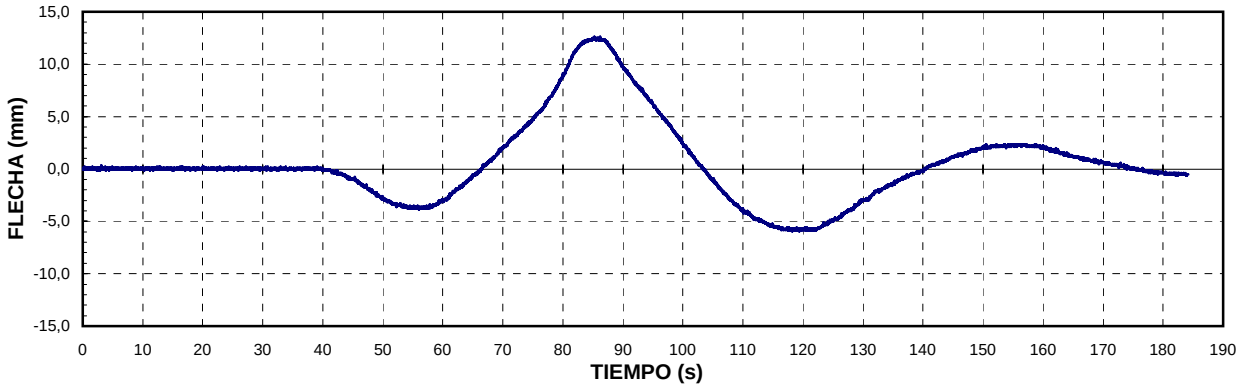
DINÁMICA MAX VELOCIDAD



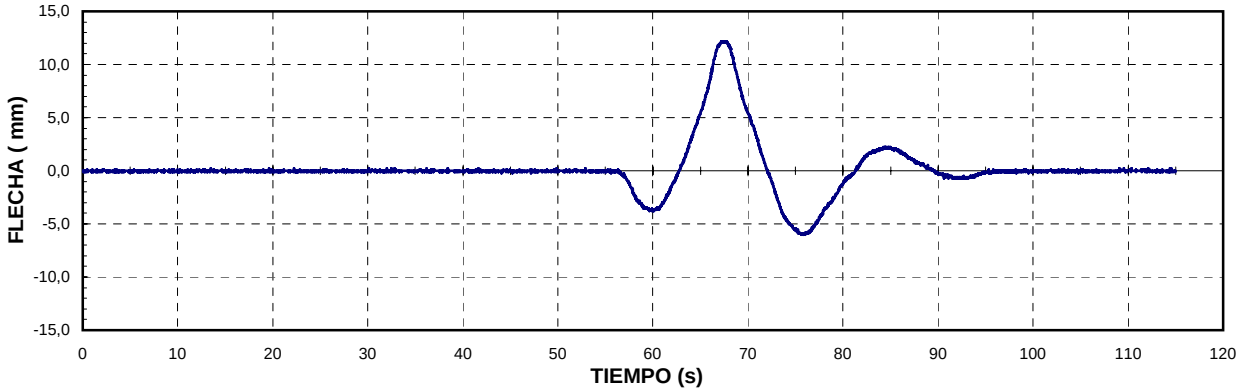
DINÁMICA DE FRENADO



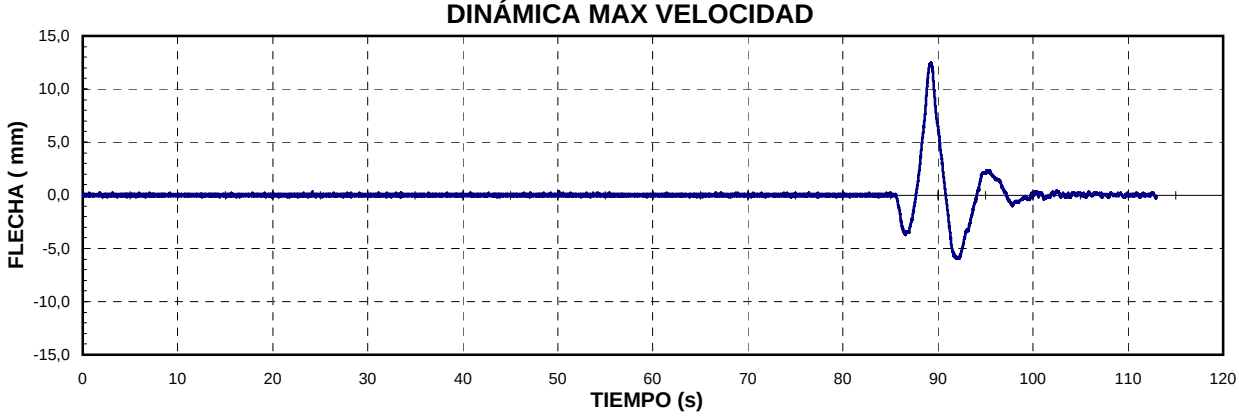
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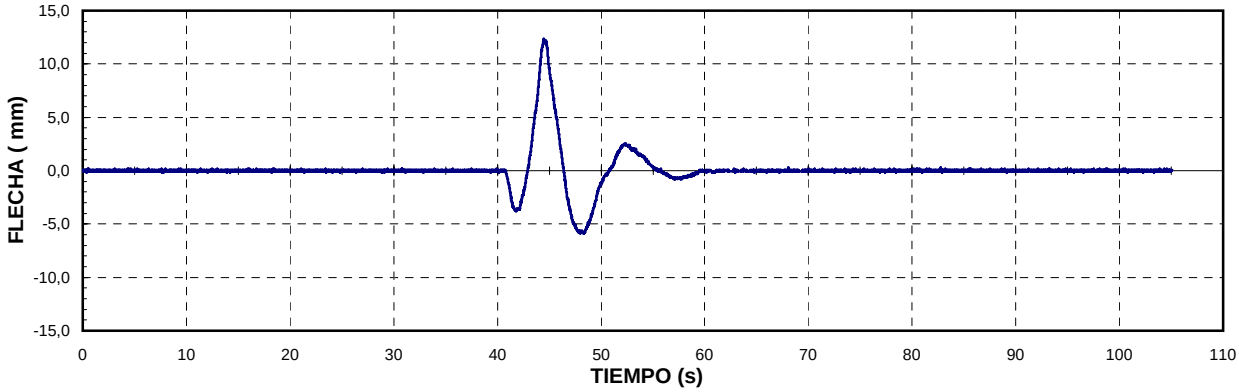
DINÁMICA 30 km/h



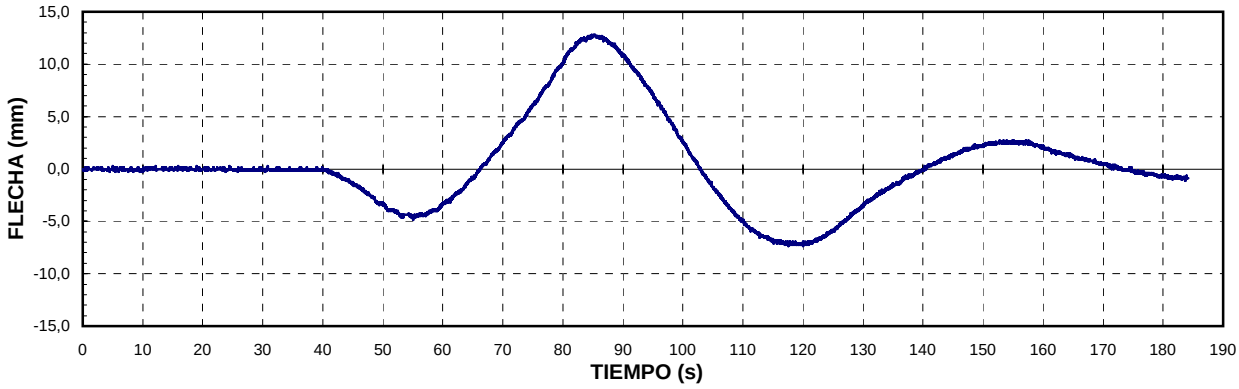
DINÁMICA MAX VELOCIDAD



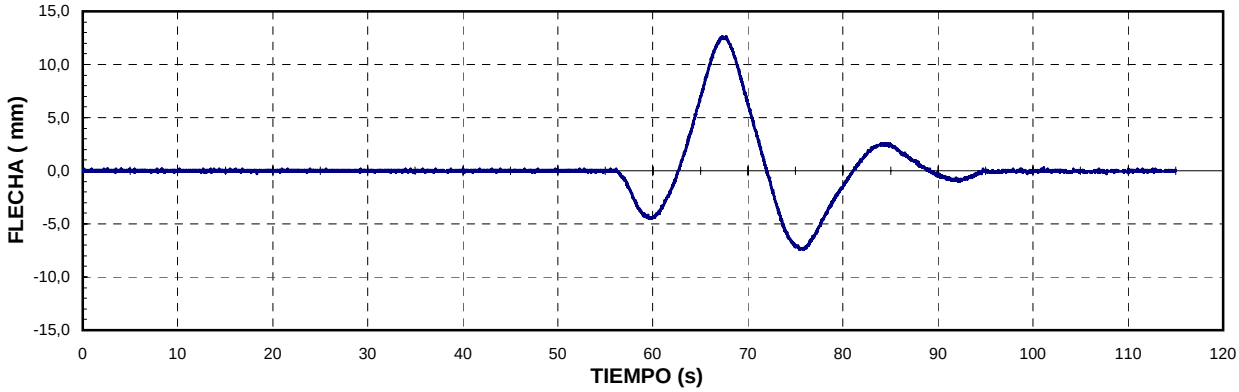
DINÁMICA DE FRENADO



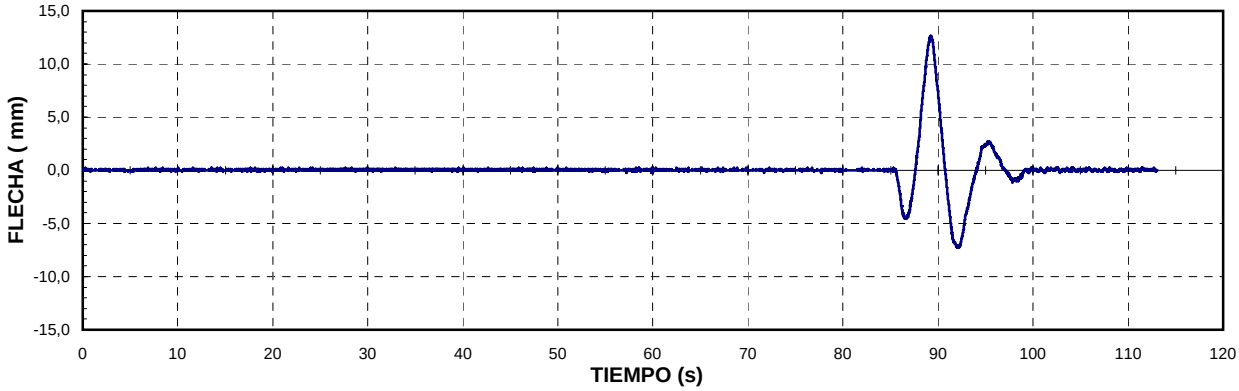
CUASI-ESTÁTICA



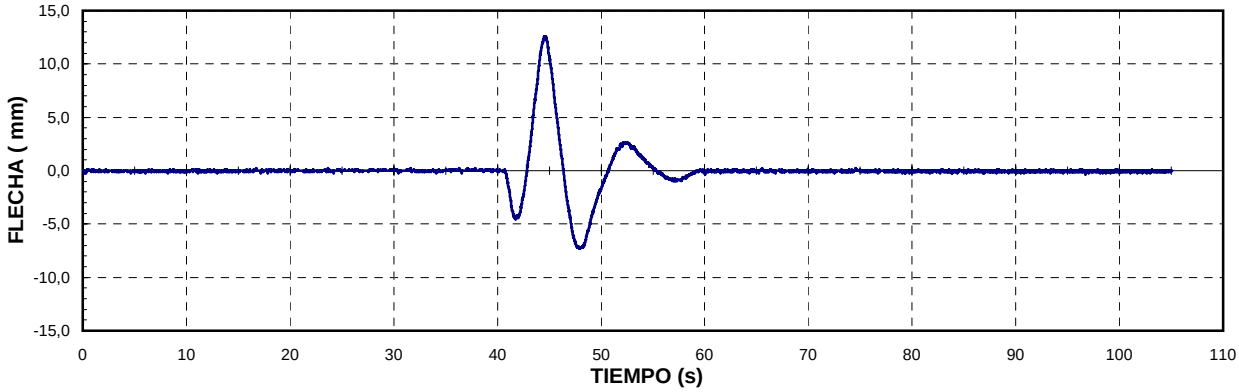
DINÁMICA 30 km/h



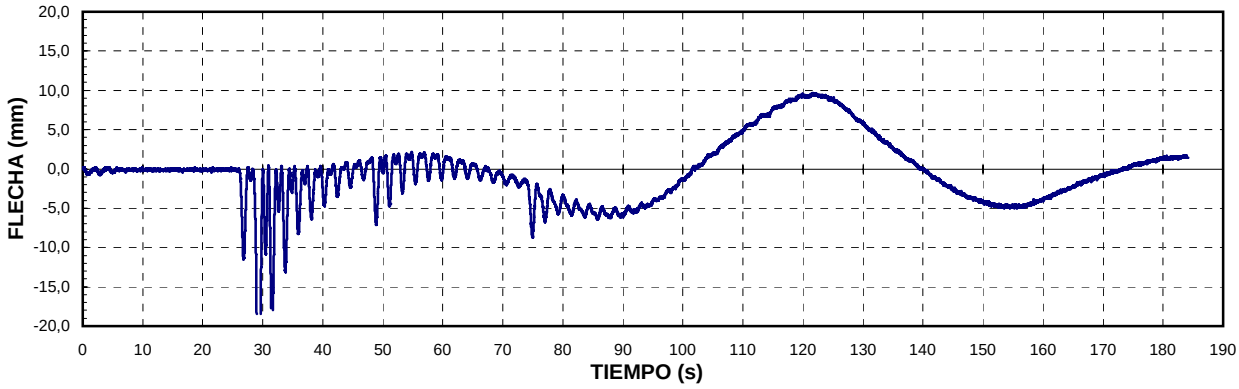
DINÁMICA MAX VELOCIDAD



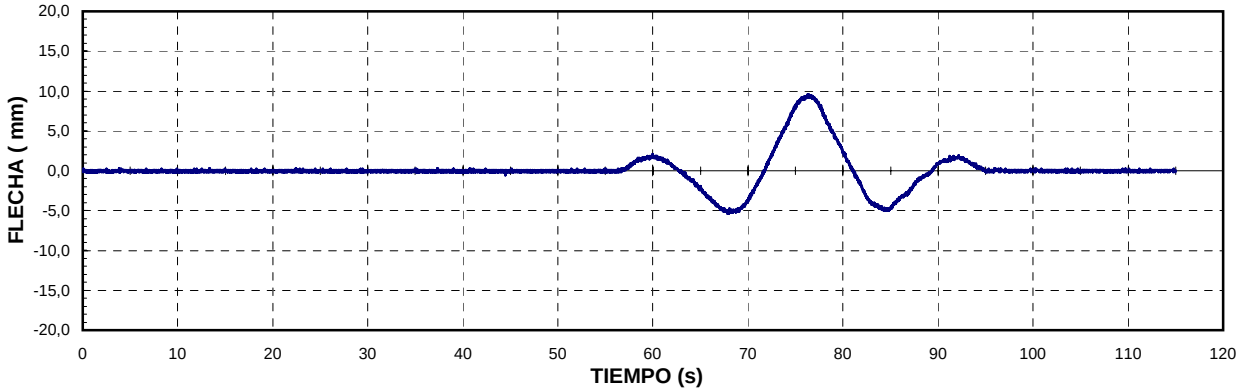
DINÁMICA DE FRENADO



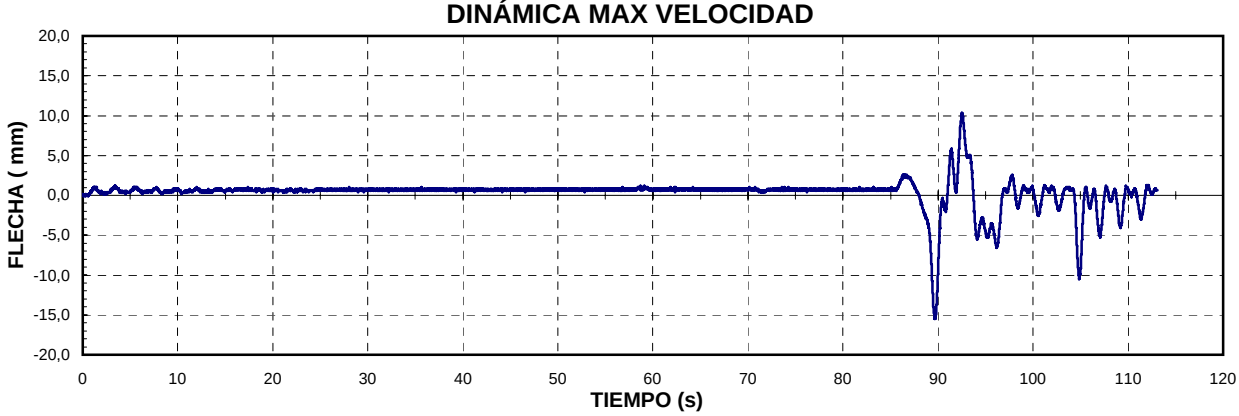
CUASI-ESTÁTICA



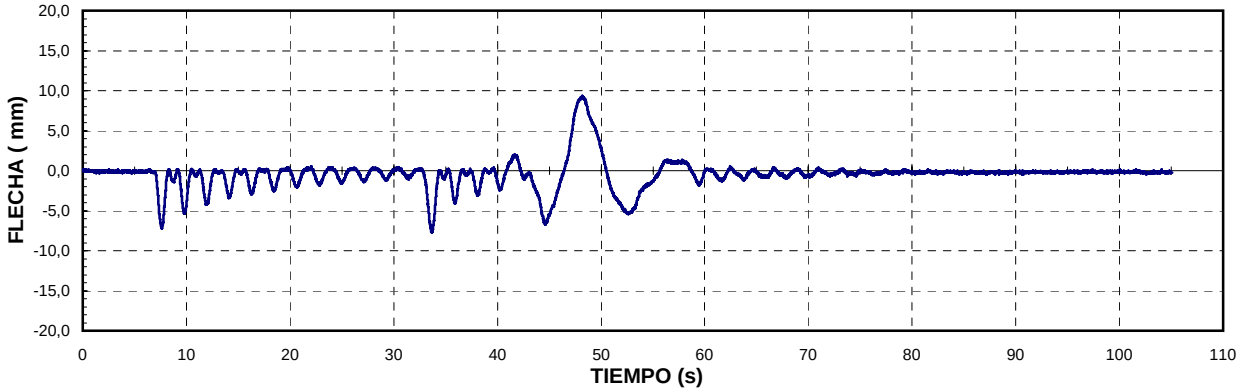
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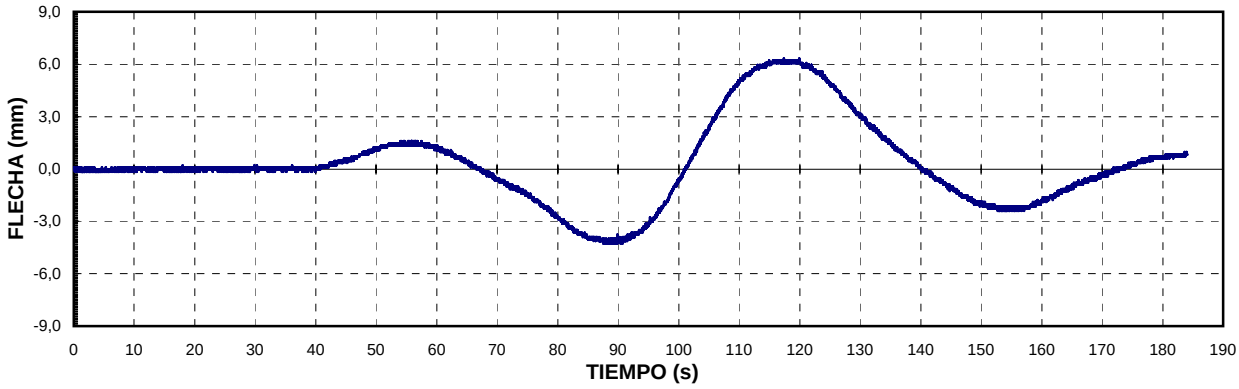
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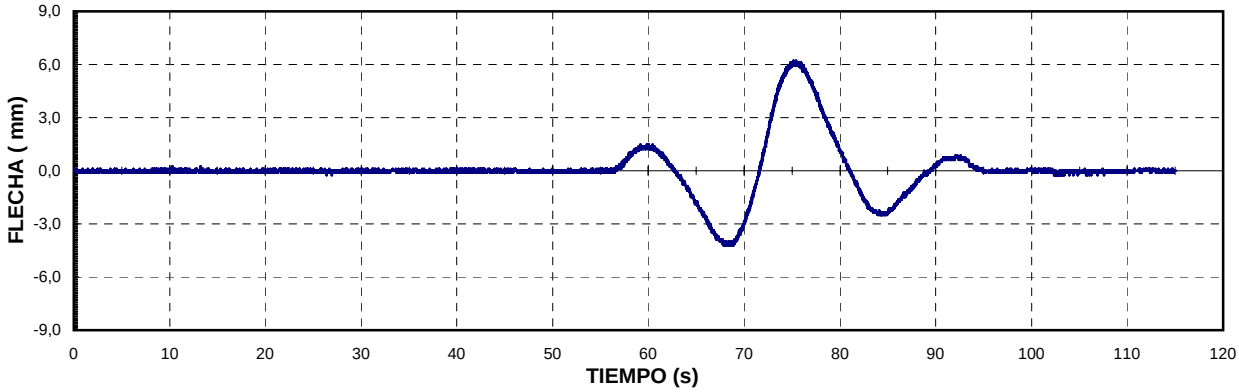
DINÁMICA DE FRENADO



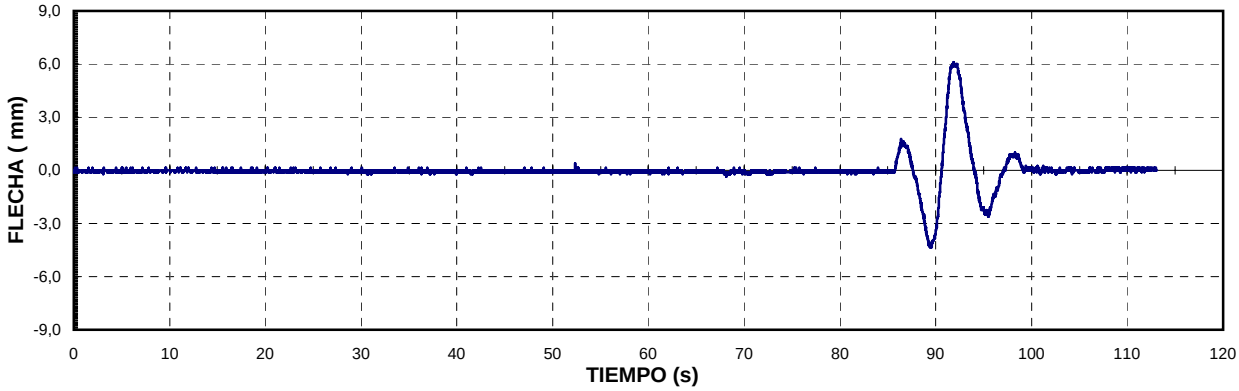
CUASI-ESTÁTICA



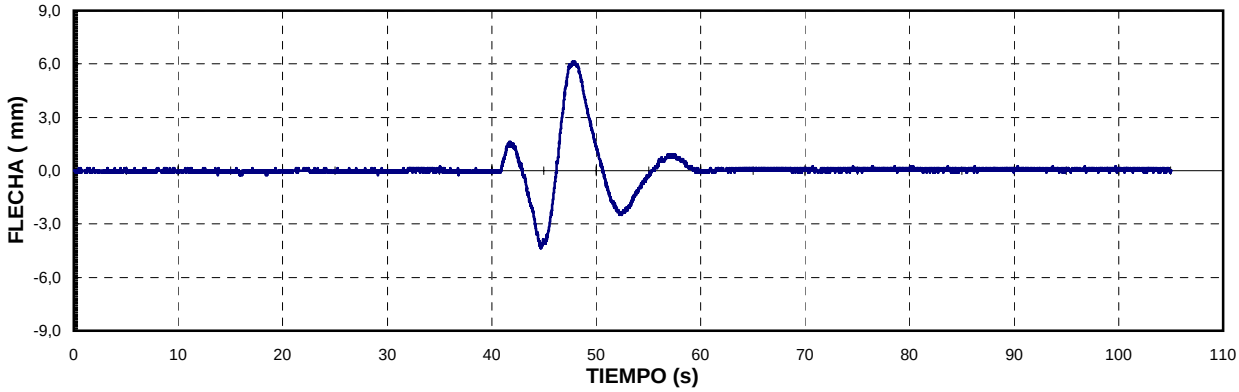
DINÁMICA 30 km/h



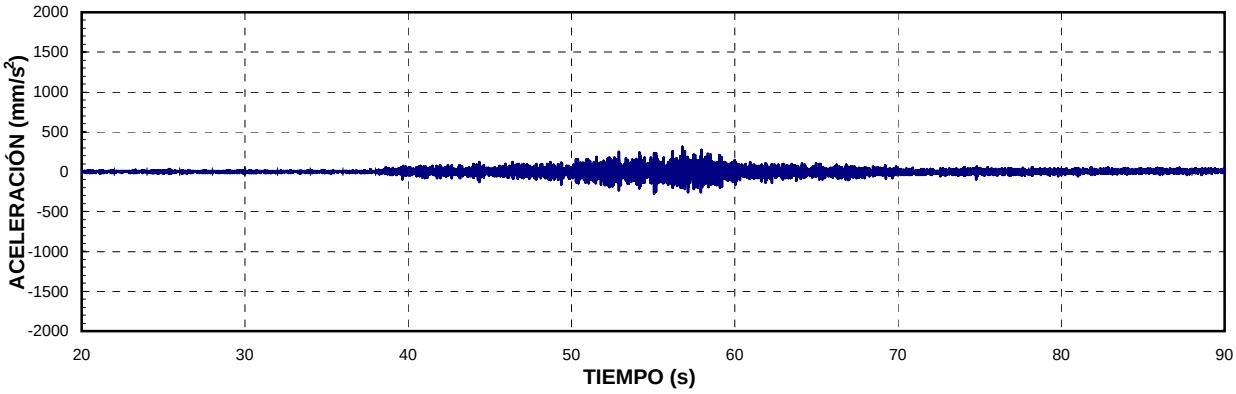
DINÁMICA MAX VELOCIDAD



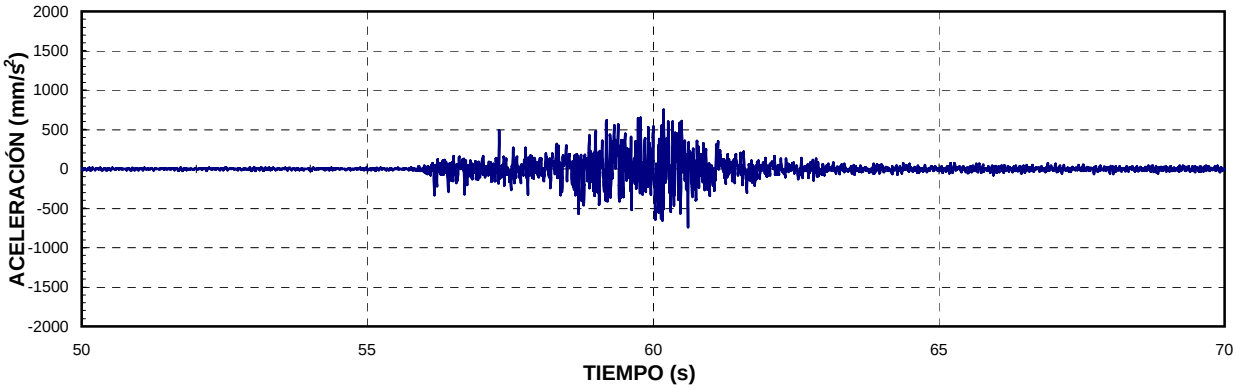
DINÁMICA DE FRENADO



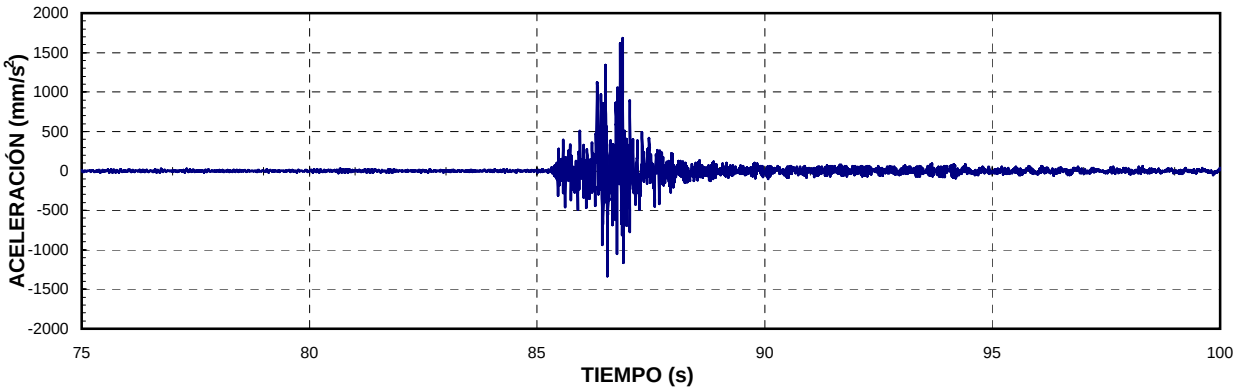
CUASI-ESTÁTICA



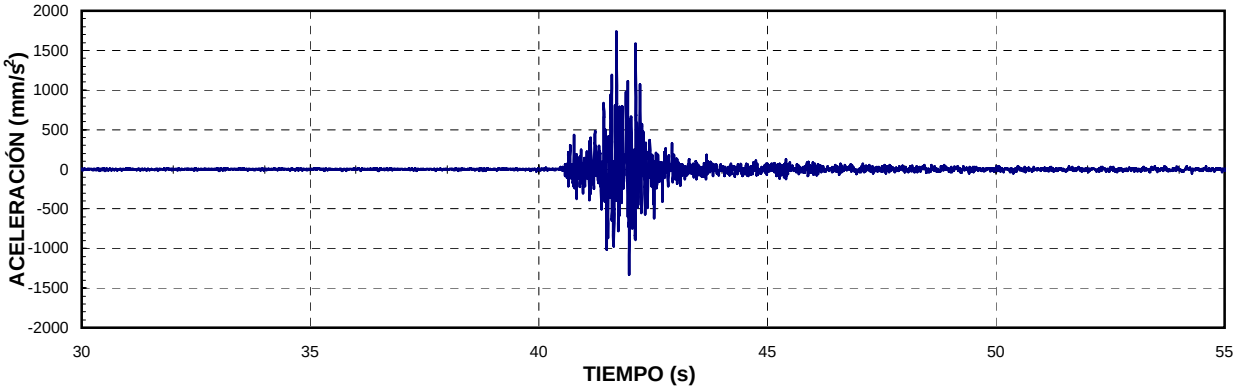
DINÁMICA 30 Km/h



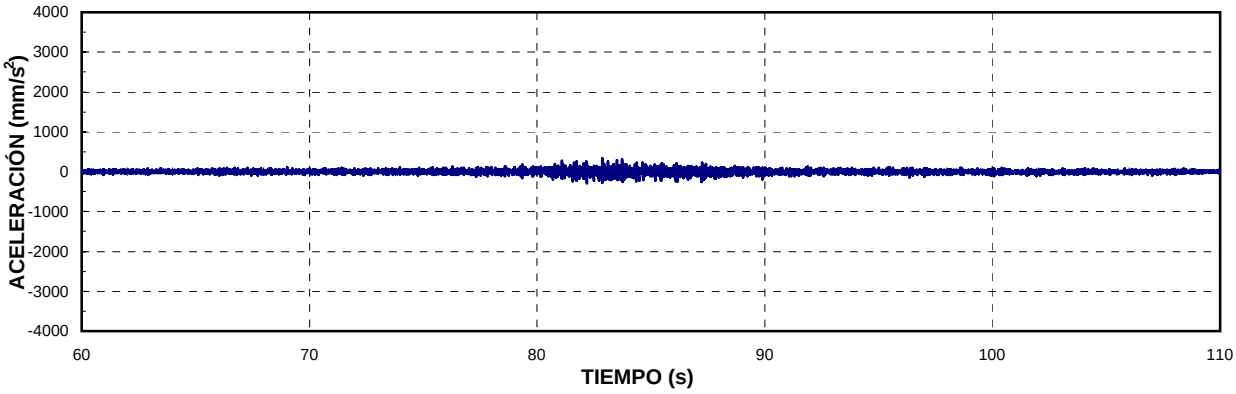
DINÁMICA MAX VELOCIDAD



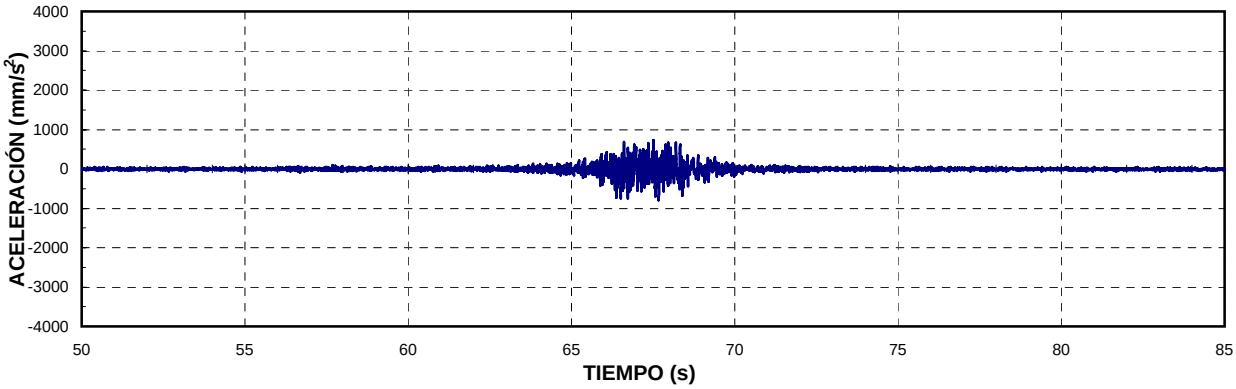
DINÁMICA DE FRENADO



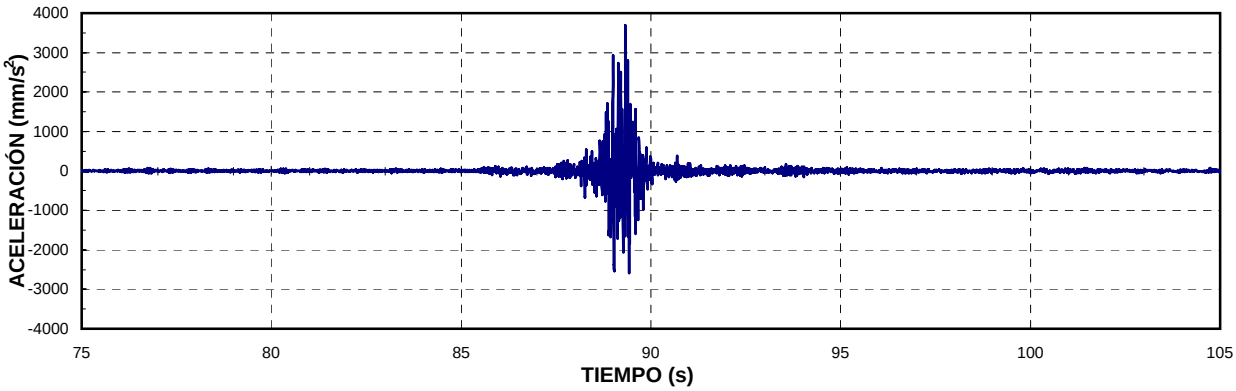
CUASI-ESTÁTICA



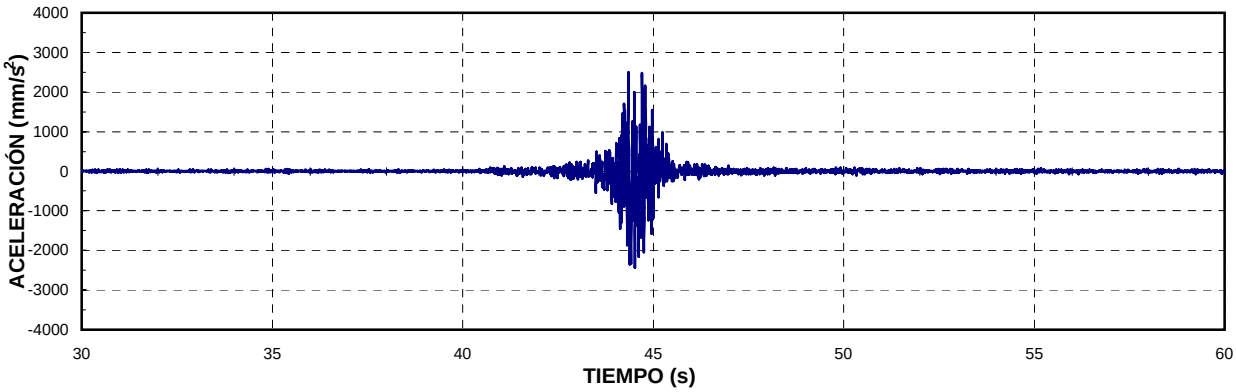
DINÁMICA 30 Km/h



DINÁMICA MAX VELOCIDAD



DINÁMICA DE FRENADO

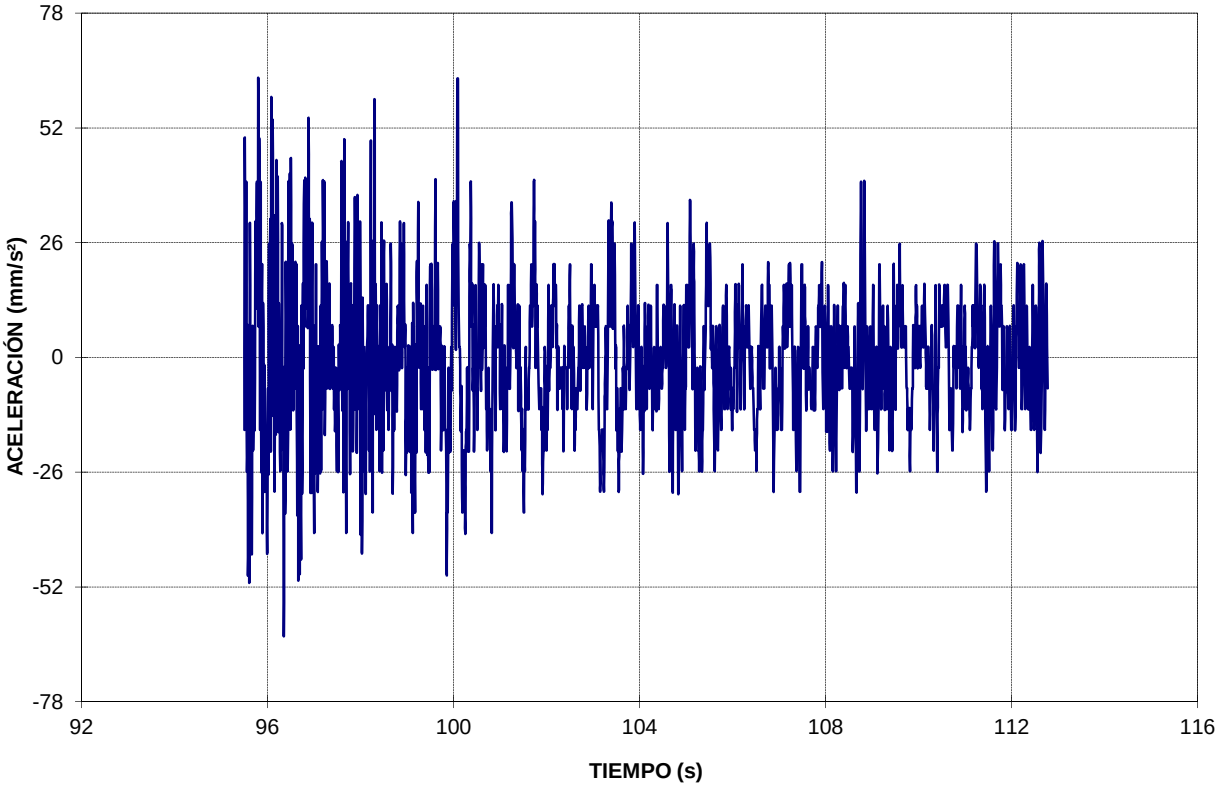


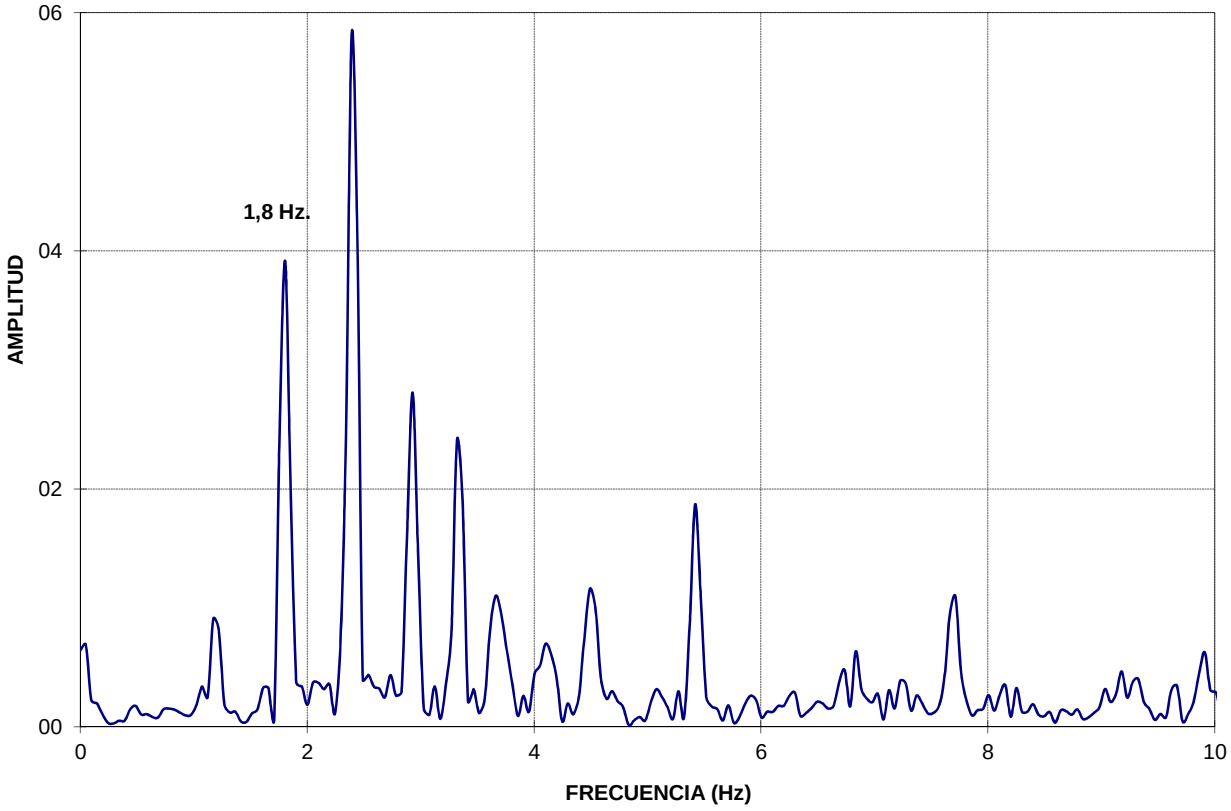
VIADUCTO METÁLICO SOBRE AP-7

Vano 1

***ANÁLISIS FRECUENC*IAL**

VIADUCTO METÁLICO SOBRE AP-7. Vano 1



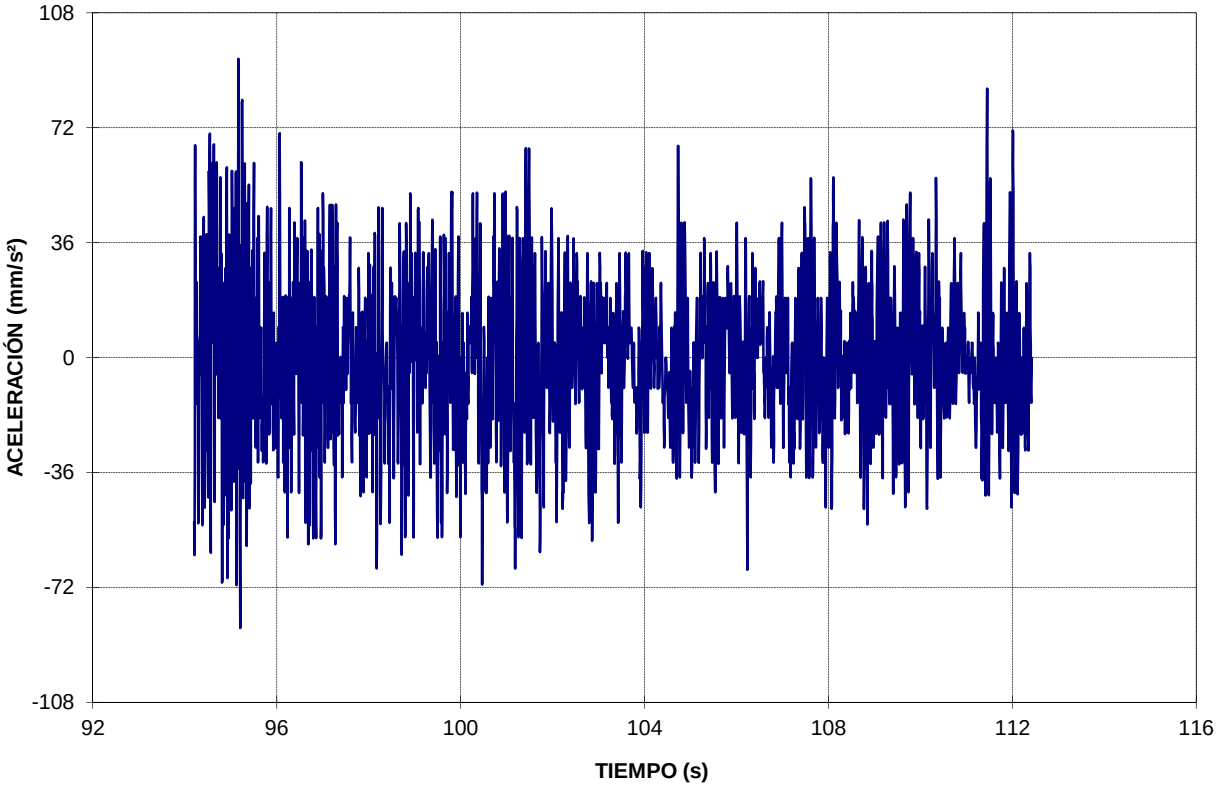


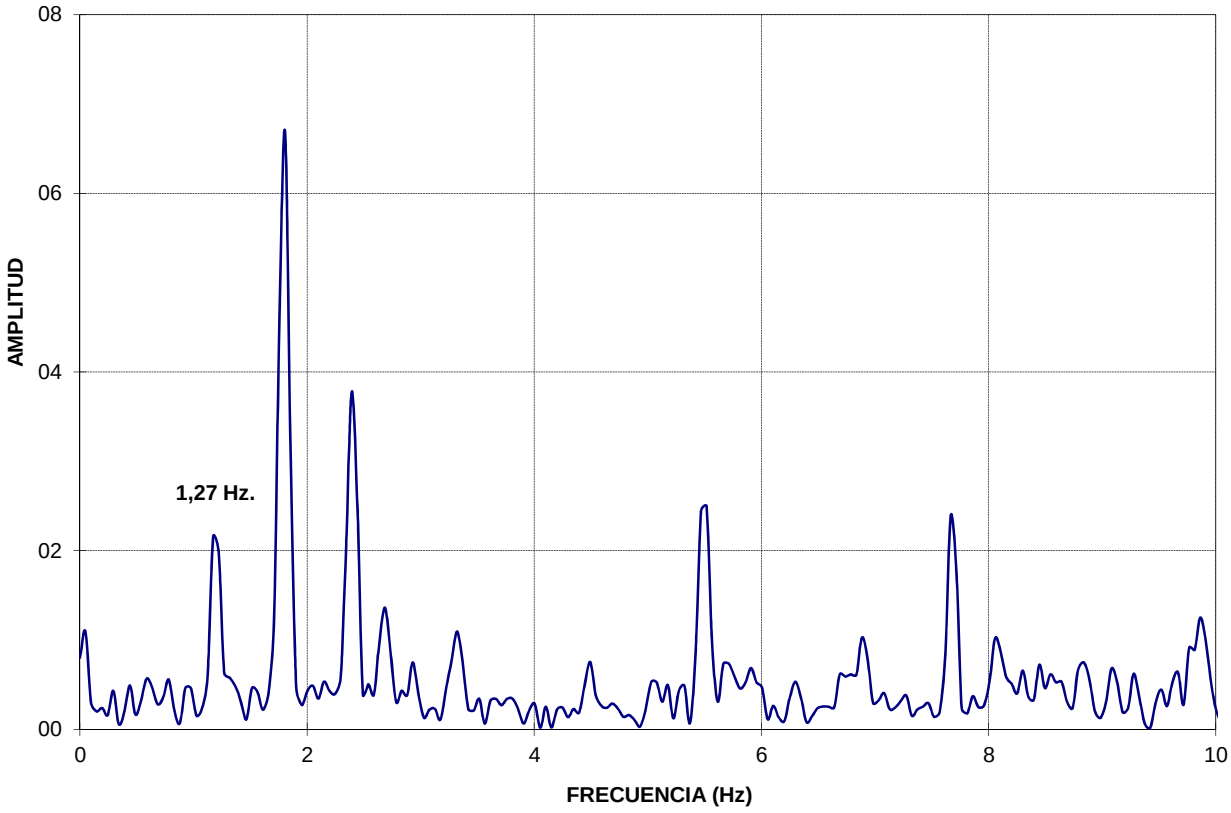
VIADUCTO METÁLICO SOBRE AP-7

Vano 2

ANÁLISIS FRECUENCIAL

VIADUCTO METÁLICO SOBRE AP-7. Vano 2



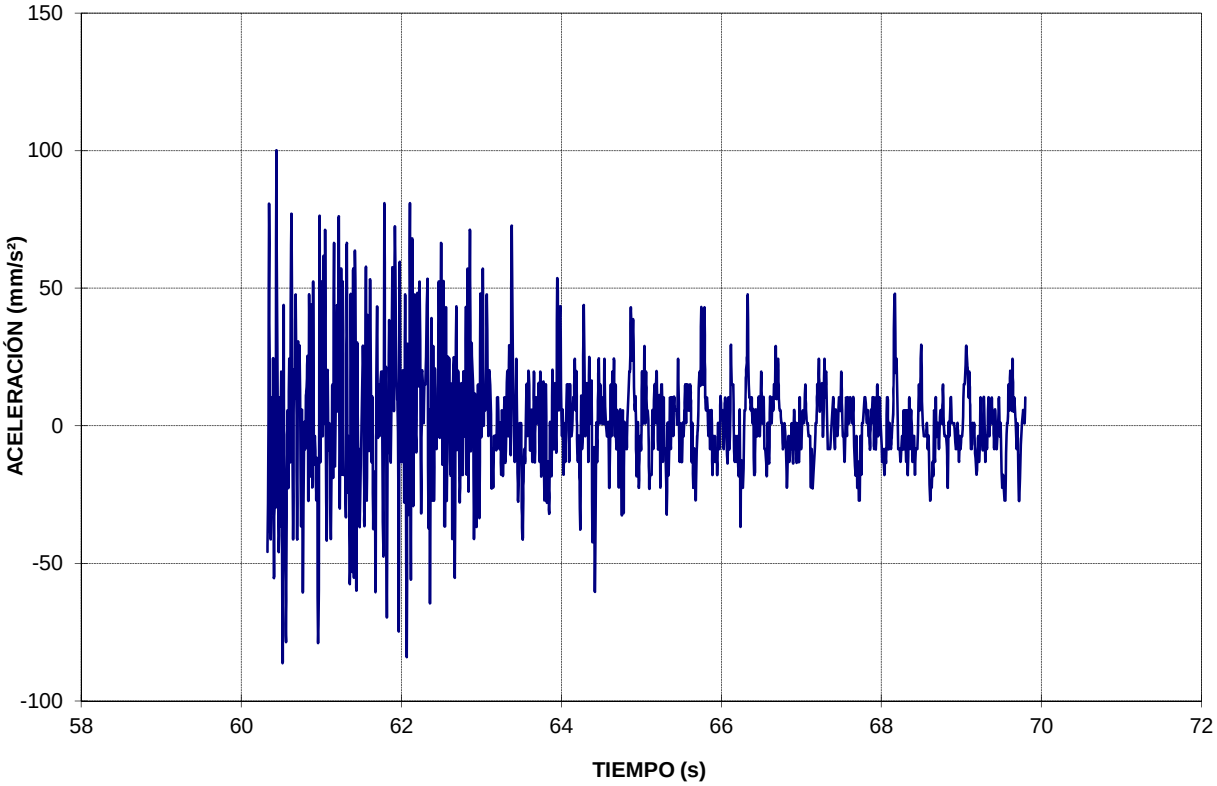


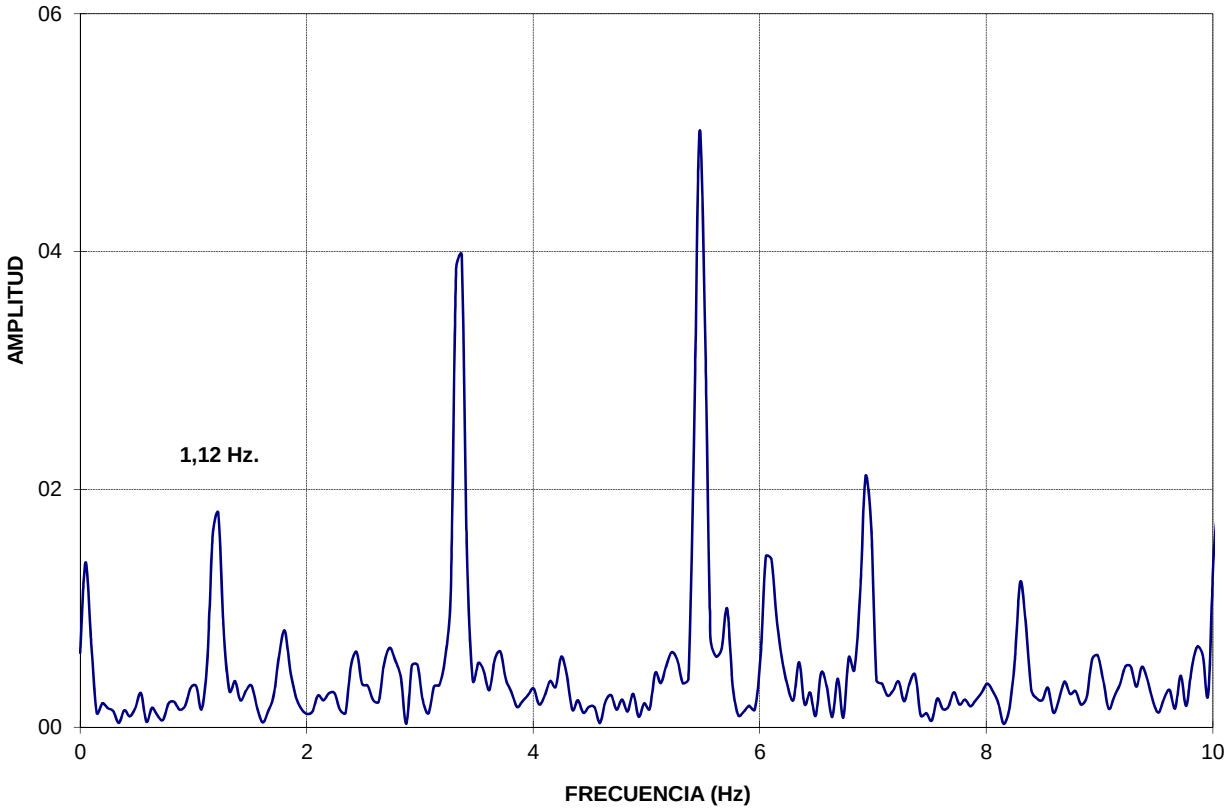
VIADUCTO METÁLICO SOBRE AP-7

Vano 4

ANÁLISIS FRECUENCIAL

VIADUCTO METÁLICO SOBRE AP-7. Vano 4



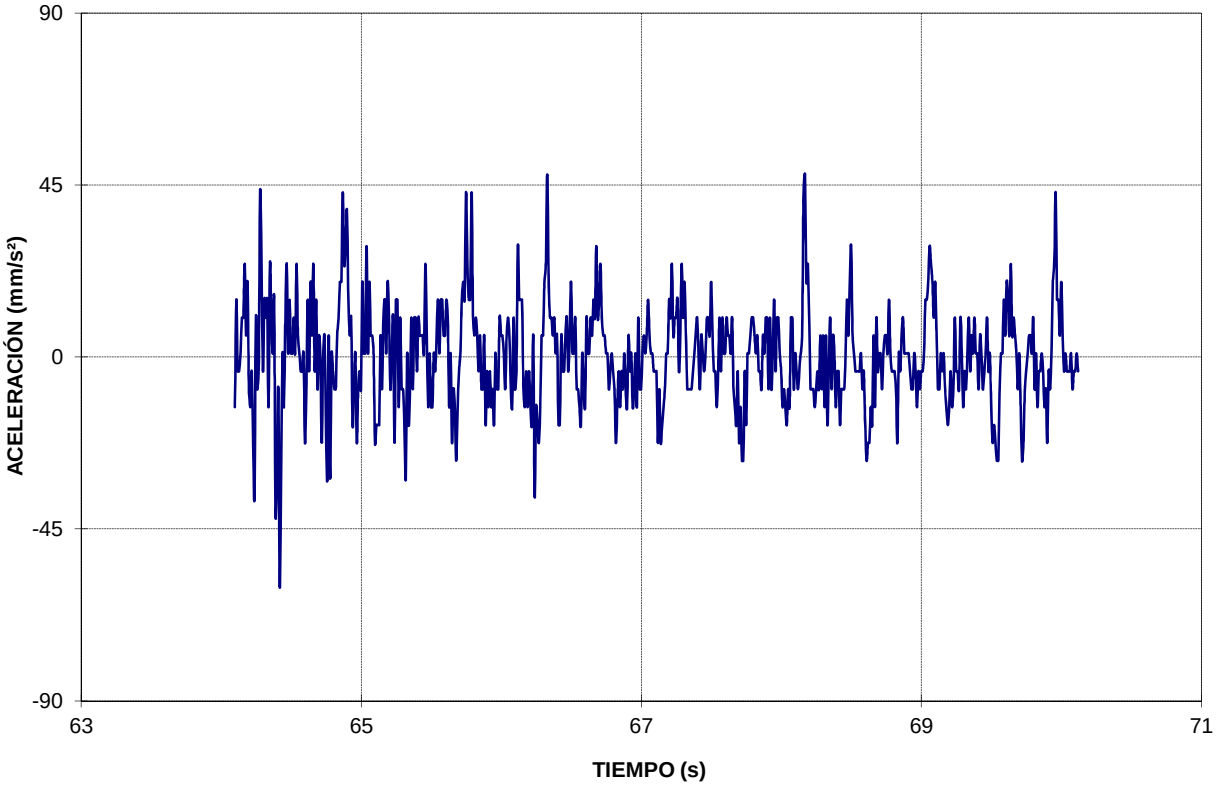


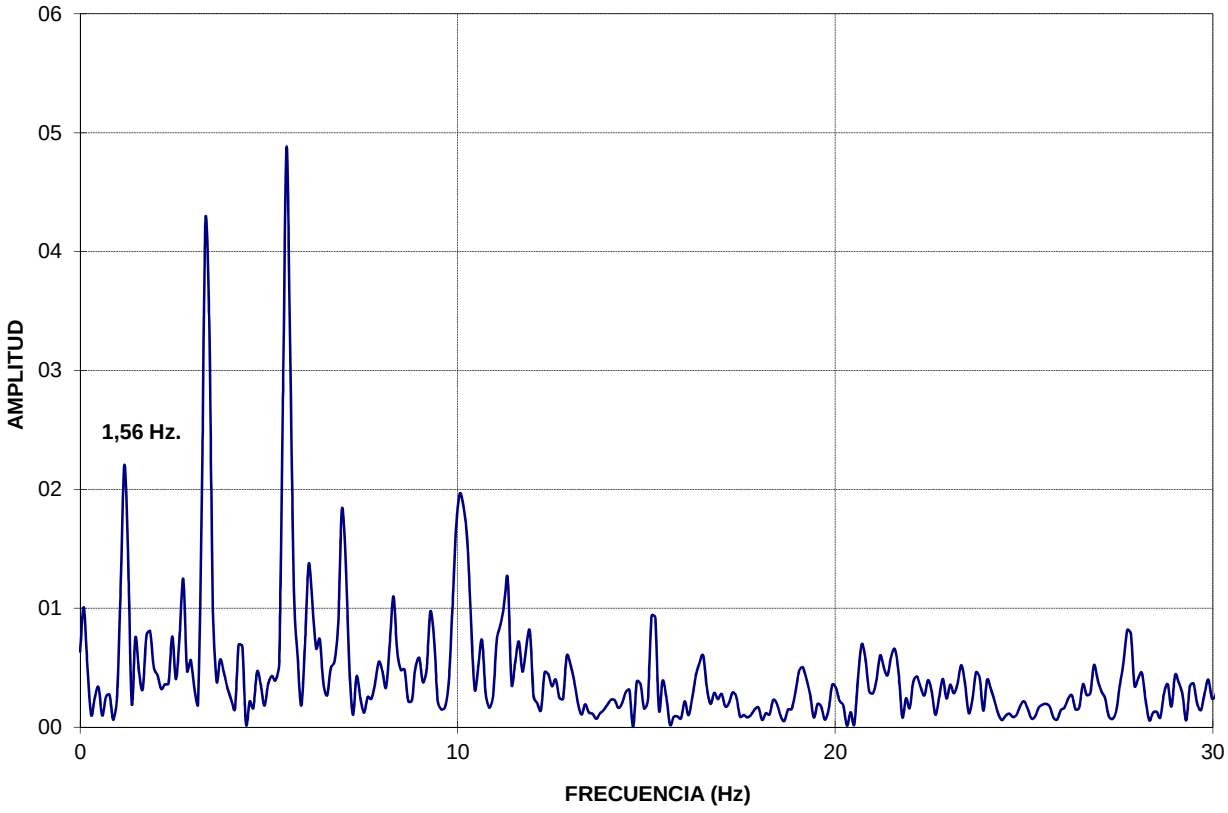
VIADUCTO METÁLICO SOBRE AP-7

Vano 5

***ANÁLISIS FRECUENC*IAL**

VIADUCTO METÁLICO SOBRE AP-7. Vano 5





ANEJO 5: REPORTAJE FOTOGRÁFICO

RELACIÓN DE FOTOGRAFÍAS

Nº 1.- Alzado derecho.

Nº 2.- Alzado izquierdo.

Nº 3.- Vista inferior de la estructura.

Nº 4.- Pilar de la estructura.

Nº 5.- Plataforma.

Nº 6.- Instalación de instrumentación en centro de vano.

Nº 7.-LVDT colocado en apoyo.

Nº 8.- Prueba estática Estado 1 (Vanos Nº 1 y Nº 3).

Nº 9.- Prueba estática Estado 2 (Canos Nº 2 y Nº 4).

Nº 10.- Prueba estática Estado 3 (Vanos Nº 3 y Nº 5).

Nº 11.- Prueba estática Estado 4 (Vanos Nº 1 y Nº 2).

Nº 12.- Prueba estática Estado 5 (Vanos Nº 2 y Nº 3).

Nº 13.- Prueba estática Estado 6 (Vanos Nº 3 y Nº 4).

Nº 14.- Prueba estática Estado 6 (Vanos Nº 4 y Nº 5).

Nº 15.- Prueba dinámica lenta.

Nº 16.- Prueba dinámica 30km/h.

Nº 17.- Prueba dinámica de frenado.

Nº 18.- Prueba dinámica a máxima velocidad.



Nº 1.- Alzado derecho.



Nº 2.- Alzado izquierdo.



Nº 3.- Vista inferior de la estructura.



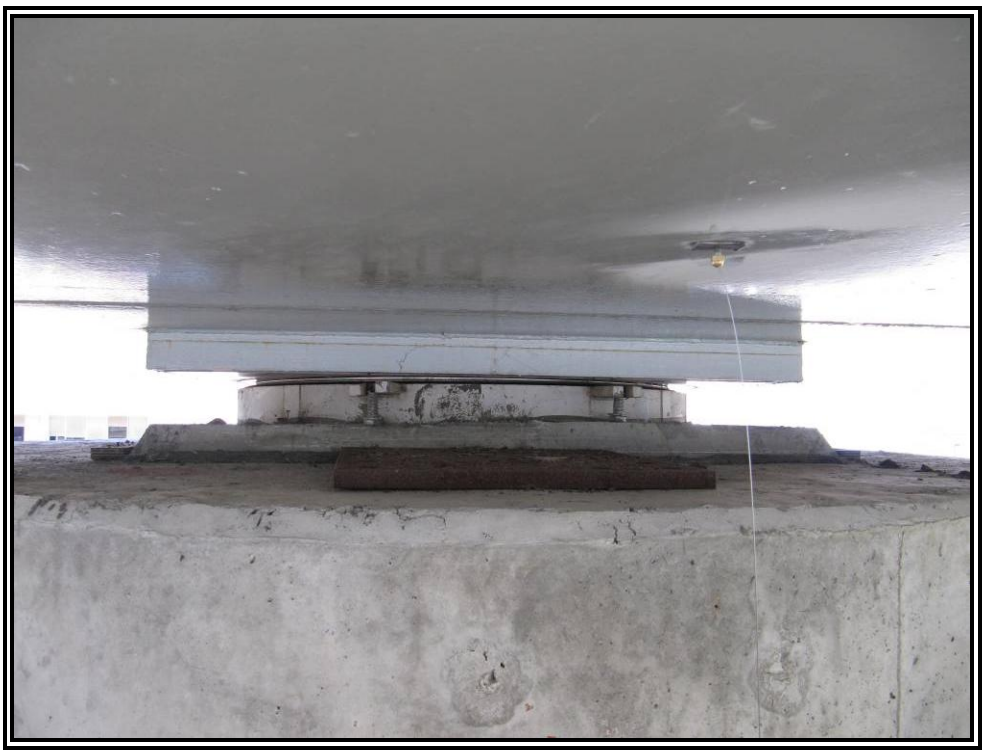
Nº 4.- Pilar de la estructura.



Nº 5.- Plataforma.



Nº 6.- Instalación de instrumentación en centro de vano.



Nº 7.-LVDT colocado en apoyo.



Nº 8.- Prueba estática Estado 1 (Vanos Nº 1 y Nº 3).



Nº 9.- Prueba estática Estado 2 (Canos Nº 2 y Nº 4).



Nº 10.- Prueba estática Estado 3 (Vanos Nº 3 y Nº 5).



Nº 11.- Prueba estática Estado 4 (Vanos Nº 1 y Nº 2).



Nº 12.- Prueba estática Estado 5 (Vanos Nº 2 y Nº 3).



Nº 13.- Prueba estática Estado 6 (Vanos Nº 3 y Nº 4).



Nº 14.- Prueba estática Estado 6 (Vanos Nº 4 y Nº 5).



Nº 15.- Prueba dinámica lenta.



Nº 16.- Prueba dinámica 30km/h.



Nº 17.- Prueba dinámica de frenado.



Nº 18.- Prueba dinámica a máxima velocidad.

ANEJO 6: ACTA DE LA PRUEBA DE CARGA (A 2)

MODELO A2 DE ACTA DE PRUEBA DE CARGA

TIPO DE PRUEBA : Recepción de obra nueva	***FECHA DE PRUEBA: 27/05/2010***

IDENTIFICACIÓN DE LA ESTRUCTURA

ADMINISTRADOR:	Administrador de Infraestructuras Ferroviarias (A.D.I.F.)
LÍNEA:	Alta Velocidad Madrid – Zaragoza – Barcelona – Frontera Francesa
TRAMO:	La Roca del Vallés – Ruidellots de la Selva; Subtramo: La Roca del Vallés – Llinars del Vallés
P.K.:	Obra: 405+386; Línea: 660+871
PROVINCIA:	Barcelona
DENOMINACIÓN:	VIADUCTO METÁLICO SOBRE AP-7
REFERENCIA :	0175VI05
DESCRIPCIÓN DE LA ESTRUCTURA O PARTE DE ELLA:	Está constituido por un tablero mixto de 5 vanos de 45+71+75+71+45 m de luz. Tiene una longitud entre ejes desde el Estribo 1 a la Pila 5 de 307 m. El dintel es de canto variable, constituido por dos vigas de sección cajón rectang. metálica de 1,6 m de ancho y canto variable entre 3,5 y 6,6 m, unidas transv. mediante vigas metálicas armadas de sección I espaciadas cada 3,55 m. Las vigas transv. se conectan superiormente a una losa de hormigón que recibe directamente las cargas de la plataforma. Las vigas longit. metálicas están suspendidas de unos tirantes metálicos que confluyen en el eje de las pilas donde un elemento vertical metálico de unos 15 m de altura transfiere la carga a la subestructura. La plataforma tiene un ancho de 14,00 m en el que se ubica la capa de balasto del ferrocarril. El hormigón de la losa del tablero es HA-30. El acero pasivo del tipo B 500 S, El acero activo de Y 1860 S7. El acero estructural de las chapas, perfiles laminados y conectadores tipo S355J2G3

ASISTENTES

NOMBRES	**ENTIDAD**
Marcos Ros García	GEOCISA

CONDICIONES ATMOSFÉRICAS

Temperatura: 11º C	**Humedad relativa: 70%**

PUNTOS DE MEDIDA INSTALADOS

		Vano 1	**Vano 2**	**Vano 3**	**Vano 4**	**Totales**
FLECHAS	EQUIPO ÓPTICO	0	0	0	0	0
	TRANS. DE DESPLAZAMIENTO	6	5	5	5	21
DEFORMACIONES UNITARIAS	BANDAS EXTENSOMÉTRICAS	3	3	3	3	12
REGISTRO DE VIBRACIONES	ACELERÓMETROS	1	1	0	1	3
OTROS						

TRENES DE CARGA UTILIZADOS

VEHÍCULO		**NÚMERO**	**MATRÍCULA**	**PESO UNITARIO (kN)**	
PREVISTO	REAL			PREVISTO	REAL
LOCOMOTORA	LOCOMOTORA	2		1176	1176
TOLVA	TOLVA	10		800	800

PORCENTAJE DE SOLICITACIÓN RESPECTO A INSTRUCCIÓN: < 70%

SENTIDO DE CIRCULACIÓN PARA LAS PRUEBAS DINÁMICAS : Sentido creciente de PKs

HORARIO DE COMIENZO: 01:09

RESULTADOS BÁSICOS ALCANZADOS EN LA ESTRUCTURA

				Vano	**1**	**2**	**3**	**4**
PORCENTAJE DE RESPUESTA RESPECTO AL PROYECTO DE PRUEBA DE CARGA	**Estática**	**En general**	**Flechas**		80%	78%	82%	75%
			Deformaciones unitarias		83%	100%	83%	97%
		Pruebas simplificadas	**Flechas**					
			Deformaciones unitarias					
	Dinámica	**Frecuencia propia de vibración**			185%	133%	-	118%
PORCENTAJE DE RECUPERACIÓN	**Estática**	**En general**	**Flechas**		99%	100%	100%	100%
			Deformaciones unitarias		100%	99%	100%	100%

ANOMALÍAS EN LA INSPECCIÓN VISUAL: Ninguna

OBSERVACIONES:

CONDICIONES DE PUESTA EN SERVICIO:	**APTO**	**X**	**NO APTO**		**RESTRICCIONES**

Firma de los Asistentes



Marcos Ros García

GEOCISA

MODELO A2 DE ACTA DE PRUEBA DE CARGA

TIPO DE PRUEBA : Recepción de obra nueva	***FECHA DE PRUEBA: 27/05/2010***

IDENTIFICACIÓN DE LA ESTRUCTURA

ADMINISTRADOR:	Administrador de Infraestructuras Ferroviarias (A.D.I.F.)
LÍNEA:	Alta Velocidad Madrid – Zaragoza – Barcelona – Frontera Francesa
TRAMO:	La Roca del Vallés – Ruidellots de la Selva; Subtramo: La Roca del Vallés – Llinars del Vallés
P.K.:	Obra: 405+386; Línea: 660+871
PROVINCIA:	Barcelona
DENOMINACIÓN:	VIADUCTO METÁLICO SOBRE AP-7
REFERENCIA :	0175VI05
DESCRIPCIÓN DE LA ESTRUCTURA O PARTE DE ELLA:	Está constituido por un tablero mixto de 5 vanos de 45+71+75+71+45 m de luz. Tiene una longitud entre ejes desde el Estribo 1 a la Pila 5 de 307 m. El dintel es de canto variable, constituido por dos vigas de sección cajón rectang. metálica de 1,6 m de ancho y canto variable entre 3,5 y 6,6 m, unidas transv. mediante vigas metálicas armadas de sección I espaciadas cada 3,55 m. Las vigas transv. se conectan superiormente a una losa de hormigón que recibe directamente las cargas de la plataforma. Las vigas longit. metálicas están suspendidas de unos tirantes metálicos que confluyen en el eje de las pilas donde un elemento vertical metálico de unos 15 m de altura transfiere la carga a la subestructura. La plataforma tiene un ancho de 14,00 m en el que se ubica la capa de balasto del ferrocarril. El hormigón de la losa del tablero es HA-30. El acero pasivo del tipo B 500 S, El acero activo de Y 1860 S7. El acero estructural de las chapas, perfiles laminados y conectadores tipo S355J2G3

ASISTENTES

NOMBRES	**ENTIDAD**
Marcos Ros García	GEOCISA

CONDICIONES ATMOSFÉRICAS

Temperatura: 11º C	**Humedad relativa: 70%**

PUNTOS DE MEDIDA INSTALADOS

		Vano 5				**Totales**
FLECHAS	EQUIPO ÓPTICO	0				0
	TRANS. DE DESPLAZAMIENTO	6				6
DEFORMACIONES UNITARIAS	BANDAS EXTENSOMÉTRICAS	3				3
REGISTRO DE VIBRACIONES	ACELERÓMETROS	1				1
OTROS						

TRENES DE CARGA UTILIZADOS

VEHÍCULO		**NÚMERO**	**MATRÍCULA**	**PESO UNITARIO (kN)**	
PREVISTO	REAL			PREVISTO	REAL
LOCOMOTORA	LOCOMOTORA	2		1176	1176
TOLVA	TOLVA	10		800	800

PORCENTAJE DE SOLICITACIÓN RESPECTO A INSTRUCCIÓN: < 70%

SENTIDO DE CIRCULACIÓN PARA LAS PRUEBAS DINÁMICAS : Sentido creciente de PKs

HORARIO DE COMIENZO: 01:09

RESULTADOS BÁSICOS ALCANZADOS EN LA ESTRUCTURA

				Vano	**5**			
PORCENTAJE DE RESPUESTA RESPECTO AL PROYECTO DE PRUEBA DE CARGA	**Estática**	**En general**	**Flechas**	70%				
			Deformaciones unitarias	83%				
		Pruebas simplificadas	**Flechas**					
			Deformaciones unitarias					
	Dinámica	**Frecuencia propia de vibración**		164%				
PORCENTAJE DE RECUPERACIÓN	**Estática**	**En general**	**Flechas**	100%				
			Deformaciones unitarias	100%				

ANOMALÍAS EN LA INSPECCIÓN VISUAL: Ninguna

OBSERVACIONES:					
CONDICIONES DE PUESTA EN SERVICIO:	**APTO**	**X**	**NO APTO**		**RESTRICCIONES**

Firma de los Asistentes

Marcos Ros García

GEOCISA

ANEJO 7: ACTA A1 Y FICHA DE SEGUIMIENTO

MODELO A1 DE COMUNICACIÓN DE INSPECCIONES AL REGISTRO

TIPO DE INSPECCIÓN	PRINCIPAL	FECHA DE INSPECCIÓN	25/05/2010

IDENTIFICACIÓN DE LA ESTRUCTURA

ADMINISTRADOR	ADMINISTRADOR DE INFRAESTRUCTURAS FERROVIARIAS (A.D.I.F.)	
LÍNEA	LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA - FRONTERA FRANCESA	
TRAMO	LA ROCA DEL VALLÉS-RIUDELLOTS DE LA SELVA	
SUBTRAMO	LA ROCA DEL VALLÉS-LLINARS	
P.K.	Obra: 405+386	Línea:660+871
PROVINCIA	BARCELONA	
DENOMINACIÓN	VIADUCTO METÁLICO SOBRE LA AP7	
REFERENCIA	0175VI05	
AÑO APROXIMADO DE CONSTRUCCIÓN	2009	

DATOS DEL RESPONSABLE DE LA INSPECCIÓN

ENTIDAD	GEOCISA				
INGENIERO RESPONSABLE	ALEJANDRO RODRIGUEZ GONZALEZ				
DIRECCIÓN	LOS LLANOS DE JEREZ 10-12 28823 - COSLADA - MADRID				
TELÉFONO	916603062	**FAX**	916672300	**E-MAIL**	arodriguezgo@geocisa.com

CARACTERÍSTICAS BÁSICAS Y TIPOLOGÍA

Nº DE VANOS		5	**LUCES DE CADA VANO (m):**	41+71+75+71+45			
LONGITUD TOTAL (m):		307,00					
OBSTÁCULO SALVADO		CARRETERA ☑	FF.CC ☐	CAUCE ☐			
		CAMINO ☑	OTROS ☐	ÁNGULO DE INCIDENCIA (º)	17		
LÍNEA ELECTRIFICADA		SI ☑	NO ☐				
VÍA		ÚNICA ☐	DOBLE ☑	Nº DE VIAS:	2		
		SOLDADA ☑	CON JUNTAS ☐				
		ENCARRILADORA	SI ☐	NO ☑			
		CONTRACARRILES	SI ☐	NO ☑			
		APARATOS DE DILATACIÓN	SI ☑	NO ☐			
		RECTA ☐	CURVA A DCHA. ☐	CURVA A IZQ. ☑			
TIPOLOGÍA DE PUENTE		METÁLICO ☑					
		FÁBRICA ☐					
		HORMIGÓN ☐	TRAMOS EN ARCO ☐				
			TRAMOS RECTOS ☐				
		OTROS ☐					
TIPO DE MATERIAL	**ESTRIBOS**	HORMIGÓN ☑	PIEDRA ☐	LADRILLO ☐			
	PILAS	HORMIGÓN ☑	PIEDRA ☐	LADRILLO ☐	METÁLICAS ☐		
	ARCOS	HORMIGÓN ☐	PIEDRA ☐	LADRILLO ☐	METÁLICAS ☐		
	TABLERO	HORMIGÓN ☑	LOSA ☑	VIGAS ☐	CAJÓN ☐		
		METÁLICO ☑	VIGAS DOBLE T ☑	CELOSIA ☐			

DAÑOS DE CLASE 1

	ELEMENTO ESTRUCTURAL		TIPO DE DAÑOS	LOCALIZADO O GENERALIZADO	PLAZO DE REPARACIÓN (meses)		LIMITACIÓN DE CIRCULACIÓN	REQUIERE INSPECCIÓN ESPECIAL
A	ESTRIBO nº	A	GOLPES, ROTURAS	L	6	A	VELOCIDAD	SI
B	PILA nº	B	FISURAS, GRIETAS		12	B	CARGAS	
C	ARCO nº	C	DESCALCES EN CIMENTACIONES	G	24	C	GÁLIBO	NO
D	TABLERO METÁLICO nº	D	DESPLOMES, BASCULAMIENTOS	**DAÑOS DETECTADOS:**	36	D	SEÑALIZAR	
E	TABLERO DE HORMIGÓN nº	E	OXIDACIONES, CORROSIONES					
F	VIA I, II, ...	F	ASIENTOS, DESNIVELACIONES					
G	OTROS	G	OTROS					

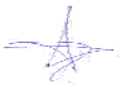
EVALUACIÓN GLOBAL DE DAÑOS RESPECTO A LA INSPECCIÓN ANTERIOR

SIN EVOLUCIÓN ☐	POCO IMPORTANTE ☐	IMPORTANTE ☐

RESULTADO DE LA INSPECCIÓN

FAVORABLE ☑	DESFAVORABLE (CON DAÑOS DE CLASE 1) ☐

Firma del Inspector



GEOCISA

ALEJANDRO RODRIGUEZ GONZALEZ
Responsable de los trabajos de campo

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

IDENTIFICACIÓN

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
P.K. INICIAL (sentido Barcelona-Girona)	405+386
P.K. FINAL (sentido Barcelona-Girona)	405+693
TIPO	Viaducto (luz > 50 m)
SUBTRAMO	La Roca del Vallés - Llinars
FECHA DE LA INSPECCIÓN	18/05/2010

OBSERVACIONES

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

DATOS GENERALES

NOMBRE	VIADUCTO SOBRE AP7 METÁLICO
TIPOLOGÍA GENERAL	TABLERO DE VIGAS
TIPOLOGÍA ESTRUCTURAL	ESTRUCTURA CONTINUA
Nº DE VÍAS	2
VELOCIDAD MÁXIMA (km/h)	
TIPO DE ACCESO	VEHÍCULO AUTOMOVIL
OBSTÁCULO SALVADO	AUTOVÍA
NOMBRE OBSTÁCULO SALVADO	AP 7
OTRO OBSTÁCULO SALVADO	CAMINO, VÍA PECUARIA O PASO DE FAUNA
NOMBRE OTRO OBSTÁCULO SALVADO	
OBSERVACIONES	El tablero está formado por dos vigas longitudinales cajón y vigas transversales.

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

PARÁMETROS GEOMÉTRICOS

LONGITUD TOTAL (m)	307,00
Nº DE VANOS	5
LONGITUD MEDIA DEL VANO (m)	61,40
LUZ DE CADA VANO (m)	45+71+75+71+45
ALTURA MÁXIMA DE ESTRIBOS (m)	10,32
ANCHURA MÁXIMA DE ESTRIBOS (m)	20,10
ALTURA MÁXIMA DE PILAS (m)	9,05
ANCHURA MÁXIMA DE PILAS (m)	2,05
ESPESOR MÁXIMO DE PILAS (m)	2,05
GÁLIBO INFERIOR (m)	5,51
ANCHURA MÁXIMA DE TRAMOS (m)	18,30
CANTO MÁXIMO DE TRAMOS EN CENTRO DE VANOS (m)	3,50-6,60 (variable)
Nº DE ELEMENTOS PRINCIPALES EN EL TRAMO	-
SEPARACIÓN ENTRE ELEMENTOS PRINCIPALES (m)	3,50
CANTO DE ELEMENTOS PRINCIPALES	VARIABLE
ITO MÁXIMO DE ELEMENTOS PRINCIPALES EN CENTRO DE VANOS (m)	6,60
GÁLIBO IZQUIERDO (m)	
GÁLIBO DERECHO (m)	
ENTREVÍA (m)	4,70
TRAZADO DE VÍA EN PLANTA (m)	-m (curva a la izquierda)
PERALTE DE VÍA DE ENTRADA (m)	
PERALTE DE VÍA DE CENTRO (m)	
PERALTE DE VÍA DE SALIDA (m)	

OBSERVACIONES: Las pilas son circulades y de doble fuste

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**29/01/2010**

MATERIALES

MATERIAL CONSTITUYENTE	ACERO
TRAMOS	
TIPOLOGÍA DE TRAMOS	TABLERO DE VIGAS
TIPOLOGÍA ESTRUCTURAL DE TRAMOS	ESTRUCTURA CONTINUA
MATERIAL EN TRAMOS	ACERO
IMPERMEABILIZACIÓN DE ESTRUCTURA DE TRAMOS	SI
ELEMENTOS DE DRENAJE EN TRAMOS	LONGITUDINALES Y TRANSVERSALES
ESTRIBOS	
TIPOLOGÍA DE ESTRIBOS	MURO FRONTAL Y ALETAS
MATERIAL BASE EN ESTRIBOS	HORMIGÓN ARMADO O EN MASA
PROTECCIÓN EN PIE DE ESTRIBOS	NO EXISTE
TIPOLOGÍA DE CIMENTACIÓN EN ESTRIBOS	ENCEPADO Y PILOTES
MATERIAL BASE EN CIMENTACIÓN DE ESTRIBOS	HORMIGÓN ARMADO O EN MASA
PILAS	
TIPOLOGÍA DE PILAS	FUSTES
SECCIÓN DE PILAS	CONSTANTE
TAJAMARES	NO EXISTEN
MATERIAL BASE EN PILAS	HORMIGÓN ARMADO O EN MASA
TIPOLOGÍA DE CIMENTACIÓN EN PILAS	ENCEPADO Y PILOTES
MATERIAL BASE EN CIMENTACIÓN DE PILAS	HORMIGÓN ARMADO O EN MASA
APARATOS Y JUNTAS DE DILATACIÓN	
APARATOS DE APOYO	TIPO POT
JUNTAS DE DILATACIÓN	AMBOS ESTRIBOS
TIPOLOGÍA DE JUNTAS DE DILATACIÓN	MURETES GUARDABALASTO Y CUBREJUNTAS
APARATOS DE DILATACIÓN DE CARRILES	SALIDA
VARIOS	
PASEOS DE SERVICIO	AMBOS LADOS
OBSERVACIONES	El estribo dos lo constituyen dos fustes arriostrados por un dintel cargadero. Éste permite la conexión entre los tramos metálico y de hormigón del viaducto.

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL ESTRIBOS

Punzonado bajo apoyos	
Daños en unión frente y laterales	
Juntas degradadas	
Golpes y roturas	
Fisuras y grietas	2: Defectos con riesgo de evolución patológica
Coqueras y nidos de grava	2: Defectos con riesgo de evolución patológica
Meteorización y degradación	
Desprendimientos	
Carbonatación y desagregación	
Armaduras vistas someras	2: Defectos con riesgo de evolución patológica
Corrosión y disgregación	
Humedades y filtraciones	
Incrustaciones calcáreas y eflorescencias	
Desagüe de mechinales	
Abombamientos	
Desplomes o basculamientos	
Asentamientos	
Descalces	
Socavaciones	
Depósitos en coronación	
Daños en coronación	
Daños en espaldón	
Balasto encastrado	
Daños en protección de pie de estribos	
Daños en cimentaciones vistas	
Vegetación aflorando	
Vegetación adosada	
OBSERVACIONES ESTRIBOS	Fisuras de retracción
ESTADO GENERAL ESTRIBOS	2: Defectos con riesgo de evolución patológica

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL ALETAS O MUROS DE ACOMPAÑAMIENTO

Daños en unión frente y laterales	
Juntas degradadas	
Golpes y roturas	
Fisuras y grietas	
Coqueras y nidos de grava	
Meteorización y degradación	
Desprendimientos	
Carbonatación y desagregación	
Armaduras vistas someras	
Corrosión y disgregación	
Humedades y filtraciones	
Incrustaciones calcáreas y eflorescencias	
Desagüe de mechinales	
Abombamientos	
Desplomes o basculamientos	
Asentamientos	
Descalces	
Socavaciones	
Depósitos en coronación	
Daños en coronación	
Daños en protección de pie de estribos	
Daños en cimentaciones vistas	
Vegetación aflorando	
Vegetación adosada	
OBSERVACIONES ESTRIBOS	
ESTADO GENERAL ALETAS	

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL PILAS

Punzonado bajo apoyos	
Daños en unión frente y laterales	
Juntas degradadas	
Golpes y roturas	2: Defectos con riesgo de evolución patológica
Fisuras y grietas	2: Defectos con riesgo de evolución patológica
Coqueras y nidos de grava	2: Defectos con riesgo de evolución patológica
Meteorización y degradación	
Desprendimientos	
Carbonatación y desagregación	
Armaduras vistas someras	
Corrosión y disgregación	
Humedades y filtraciones	
Incrustaciones calcáreas y eflorescencias	
Abombamientos	
Desplomes o basculamientos	
Asentamientos	
Descalces	
Socavaciones	
Depósitos en coronación	
Daños en coronación	
Daños en cimentaciones vistas	
Vegetación aflorando	
Vegetación adosada	
OBSERVACIONES PILAS	Fisuras de retracción y en malla.
ESTADO GENERAL PILAS	2: Defectos con riesgo de evolución patológica

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL APARATOS DE APOYO

Envejecimiento	
Corrosión	2: Defectos con riesgo de evolución patológica
Suciedad y aterramiento	
Bloqueo o encastramiento	
Desplazamiento o deslizamiento	
Aplastamiento	
Reglaje incorrecto	2: Defectos con riesgo de evolución patológica
Desnivelaciones	
Falta de contacto	
Cunas de apoyo deterioradas	2: Defectos con riesgo de evolución patológica
Vegetación adosada	
OBSERVACIONES APARATOS DE APOYO	Fisuras de retracción en camas de nivelación. Falta de ajuste entre placas de reparto y apoyos.
ESTADO GENERAL APARATOS DE APOYO	2: Defectos con riesgo de evolución patológica

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	

ESTADO ACTUAL ESTRUCTURA DE TRAMOS

Pintura envejecida y desprendida	2: Defectos con riesgo de evolución patológica
Oxidación superficial	2: Defectos con riesgo de evolución patológica
Corrosiones locales activas	
Entalladuras y pérdidas de sección	
Elementos metálicos deformados o rotos	
Tornillos flojos o faltan	
Soldaduras fisuradas	
Fisuras y grietas longitudinales bóvedas	
Fisuras y grietas tranversales clave	
Fisuras y grietas tranversales riñones	
Fisuras y grietas tranversales arranques	
Fisuras y grietas longitudinales tímpanos	
Fisuras y grietas verticales tímpanos	
Separación y filtraciones tímpano-bóveda	
Fisuras y grietas longitudinales losas	
Fisuras y grietas tranversales losas	
Fisuras y grietas oblicuas losas	
Fisuras y grietas longitudinales en alas superiores vigas	
Fisuras y grietas transversales en alas superiores vigas	
Fisuras y grietas longitudinales conexión alas-alma	
Fisuras y grietas tranversales alma vigas	
Fisuras y grietas inclinadas alma vigas	
Fisuras y grietas longitudinales alma vigas	
Fisuras y grietas longitudinales ala inferior	
Fisuras y grietas tranversales ala inferior	
Fisuras y daños en testeros	
Golpes y roturas	
Coqueras y nidos de grava	
Meteorización y degradación	
Desprendimientos	
Carbonatación y desagregación	
Armaduras vistas someras	
Corrosión y disgregación	
Humedades y filtraciones	2: Defectos con riesgo de evolución patológica
Desagües obturados	
Incrustaciones calcáreas y eflorescencias	
Abombamientos	
Asentamientos y desnivelaciones	
Juntas longitudinales degradadas	
Juntas transversales degradadas	
Vegetación aflorando	
Vegetación adosada	
OBSERVACIONES ESTRUCTURA DE TRAMOS	Ausencia de gárgolas bajo sumideros en toda la estructura. La corrosión se encuentra en estado incipiente y muy localizada.
ESTADO GENERAL ESTRUCTURA DE TRAMOS	2: Defectos con riesgo de evolución patológica

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL RESTO DE ELEMENTOS

Impermeabilización	
Drenaje longitudinal	
Drenaje transversal	
Muretes guardabalasto	
Juntas de dilatación	
Juntas de longitudinales	
Conducciones y canaletas	
Anclajes de postes	
Barandillas	

OBSERVACIONES RESTO DE ELEMENTOS

ESTADO GENERAL RESTO DE ELEMENTOS

INSPECCIONES ESTRUCTURAS
LÍNEA DE ALTA VELOCIDAD MADRID - ZARAGOZA - BARCELONA- FRONTERA FRANCESA.

ID (Identificador de la estructura)	**VIADUCTO SOBRE AP7 METÁLICO**
FECHA DE LA INSPECCIÓN	**18/05/2010**

ESTADO ACTUAL

ESTADO GENERAL	
ESTADO GENERAL ESTRIBOS	2: Defectos con riesgo de evolución patológica
ESTADO GENERAL ALETAS	
ESTADO GENERAL PILAS	2: Defectos con riesgo de evolución patológica
ESTADO GENERAL APARATOS DE APOYO	2: Defectos con riesgo de evolución patológica
ESTADO GENERAL ESTRUCTURA DE TRAMOS	2: Defectos con riesgo de evolución patológica
ESTADO GENERAL RESTO DE ELEMENTOS	

OBSERVACIONES

ANEJO 8: PLANIMETRÍA Y NIVELACIÓN DE LA ESTRUCTURA

Construcción de la infraestructura y posterior medición para el control de movimientos por medios topográficos de las estructuras de la línea de alta velocidad Madrid - Zaragoza - Barcelona - Frontera Francesa.

Tramo: La Roca del Vallés – Llinars del Vallés

Viaducto Metálico sobre AP-7

Febrero de 2011

MEMORIA

ÍNDICE

1. **Criterios para la implantación del sistema.**
2. **Descripción de los elementos implantados para el control.**
3. **Instrumental utilizado y método de trabajo:**
   - 3.1. **Planimetría**
   - 3.2. **Nivelación**
4. **Viaducto y su ubicación.**
5. **Descripción de la infraestructura de control.**
6. **Observación y cálculos:**
   - 6.1. **Planimétrica.**
   - 6.2. **Altimétrica.**

1. Criterios para la implantación del sistema.

Con el objeto de controlar posibles movimientos en las estructuras se diseña una red de pilares fijos de observación y de bases de nivelación que se situarán, de acuerdo con el criterio acordado, dentro de los terrenos de Adif, ya sea bajo el tablero o dentro de las vallas.

A continuación se enumeran los criterios que deben cumplir las estructuras objeto de control topográfico, así como las características y puntos de control necesarios para cada caso:

•Estructuras que salven cauces de ríos, arroyos, ramblas o vías de comunicación: se controlará el vano o vanos que salvan el obstáculo, los vanos adyacentes y ambos estribos.

•Estructuras hiperestáticas de gran longitud (nº de vanos ≥ 5): en este caso, se ha establecido como criterio el control de varios grupos de vanos a lo largo del puente con el fin de tener un muestreo representativo del comportamiento de la estructura, así como el seguimiento en ambos estribos.

•Estructuras singulares: Se llevará a cabo el control topográfico en los elementos principales del puente, tales como pilas, estribos y arcos.

•Estructuras con pilas con una altura superior a los 20 metros.

De este modo se controlarán, como mínimo, el 50 % de todas las pilas de cada estructura y también a ambos estribos.

1.1 Control planimétrico:

El número de pilares será objeto de un cuidadoso estudio para implantar una red que mejor se adapte a cada estructura y tendrá al menos dos, que deberán ser visibles entre sí, desde los que deberán verse la mayor cantidad de señales de puntería. Por lo tanto la ubicación de las dianas deberá hacerse con relación al proyecto definitivo de distribución de bases. El número de puntos de control en cada estructura dependerá de la tipología de pilas:

•En estructuras con pilas de fuste único se instalará para cada pila una señal de puntería en coronación o cabeza de pila y para pilas con una altura superior a 20 metros, otra señal en pie de pila, a una altura tal que no sea directamente accesible.

•En estructuras con pilas de fuste múltiple se controlará cada fuste extremo, en los mismos puntos que se indican en el caso de pilas de fuste único.

En los estribos se dispondrá de una señal en ambos lados del alzado frontal.

1.2. Control altimétrico:

Para el control altimétrico de las estructura es de fundamental importancia partir de bases de nivelación que no sufran alteraciones en su posición, fijándolas en lugares que no tengan influencia de los movimientos de la estructura ni de los terraplenes que en la mayoría de los casos la continúan.

Al colocar los clavos de nivelación sobre el tablero, que es sin duda lo más indicado para el control, se debe resolver dónde colocar los puntos fijos y que se puedan vincular entre sí de manera simple. En el caso de encontrar por ejemplo roca a una distancia razonable de la estructura donde enclavar la base, no habrá que buscar otra solución.

Pero si lo que antecede y continúa de la estructura es terraplén, lo más probable es que tenga movimientos, haciéndolo inadecuado como referencia fija. Colocar la base en la parte inferior, fuera del terraplén, conlleva el problema de trasladar la cota hasta arriba del tablero. Esto puede resultar muy engorroso y hasta imposible en algunos lugares, además de introducir errores que resultan inaceptables para los resultados esperados.

Lo que se propone es colocar la base de nivelación en la parte inferior, cerca del estribo, y en dicho estribo colocar un clavo de nivelación horizontal. Sobre la estructura colocar otro clavo, coincidiendo lo más posible con la vertical que pasa por el inferior. De esta manera ambos clavos mantendrán la diferencia de altura inalterada ya que están fijados a una misma estructura de hormigón y no será necesario conocer la medida que los separa.

El proceso de medición sería entonces, partir de la base y medir el clavo horizontal. Luego darle al clavo sobre el tablero una cota arbitraria y a partir de éste hacer la nivelación del resto. En controles futuros sólo habrá que verificar si ha habido movimiento relativo entre la base y el clavo inferior. Si se encuentra alguna diferencia, se le aplicará la misma al clavo sobre el tablero y con este nuevo valor se verificará el resto de los clavos.

Es importante que se coloquen dos bases en cada extremo y también dos clavos horizontales a cada lado del estribo para tener control entre ambas bases y detectar si alguna ha sido movida.

El número de puntos de control en cada estructura dependerá, al igual que en la planimetría, del tipo de pilas:

•En estructuras con pilas de fuste único se instalará en coronación, para cada pila, un clavo para nivelación en un lateral de la plataforma.

•En estructuras con pilas de fuste múltiple se instalará en coronación, y para cada pila extrema, un clavo para nivelación en cada lateral de la plataforma.

•En estribos se dispondrán en todos los casos dos clavos para nivelación, uno en cada lateral.

Las bases de nivelación se fijarán a una zapata de hormigón, dos en cada extremo de la estructura. Se emplazarán siempre en terrenos de ADIF y en lo posible en lugares en los que no se corra el riesgo de que sufran alteraciones, manipulación o vandalismo.

2. Descripción de los elementos implantados para el control.

2.1. Pilares de observación
2.2. Bases de nivelación.
2.3. Clavos de nivelación.
2.4. Placas de puntería. (dianas)

2.1. Pilares de observación

Están construidos de hormigón en masa con una base de 1,50 por 1,50 metros y 0,30 de altura; en el centro una columna armada de 315 milímetros de diámetro y un metro de altura se alza sobre la base. Para esto se utiliza un tubo de PVC de 1,20 metros que queda empotrado a la base. En el interior lleva una armadura de 4 hierros de 10mm con cercos del 8 cada 25 cm. En la base se coloca un mallazo de 25 por 25 cm en la parte inferior.

En la parte superior de la columna se ancla el centrado forzoso que consiste en una placa circular de acero inoxidable de 170 milímetros de diámetro y 10 de espesor; en el centro lleva soldado un tornillo de acero inoxidable con rosca Whitworth de paso de 5/8", donde se fija directamente la base nivelante del instrumento de medición o el prisma reflectante.

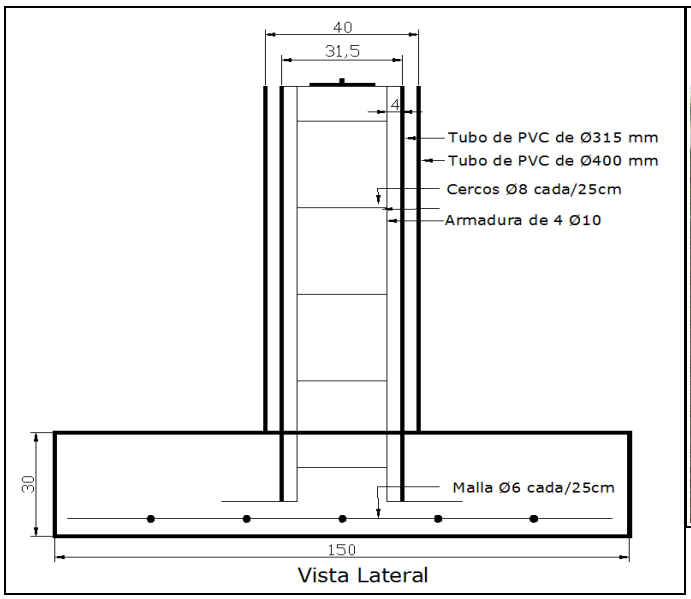
Esta placa se fija por medio de tres anclajes al hormigón del pilar y para su protección se coloca una tapa, también de acero inoxidable, fijada a la base mediante un pasador sujeto la vástago central y un candado de cierre.

Como protección del pilar se coloca un tubo exterior de PVC de 400 milímetros de diámetro separados del central por medio de tiras de poliestireno y poliuretano expandido.

Para una mayor estabilidad del hito se construyen dentro de pozos excavados de la misma dimensión de la base, de tal manera que quedan enterradas y sólo el pilar sobresale.

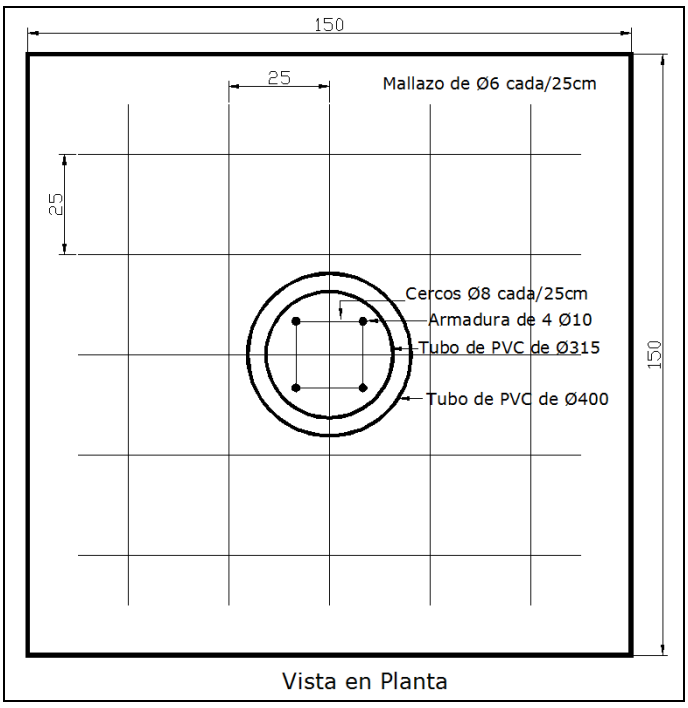
La altura del pilar por sobre la zapata es de aproximadamente un metro dependiendo del tipo de terreno y la cantidad de hormigón utilizado.

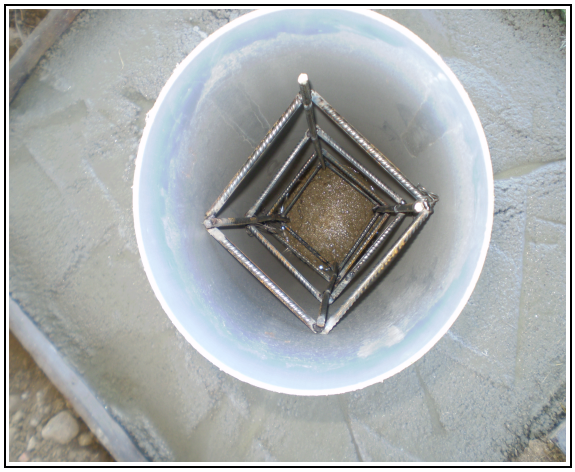
Documento gráfico descriptivo: Pilar de observación.





Para una mayor estabilidad la zapata de hormigón se construye totalmente enterrada.





En el interior lleva una armadura de 4 hierros de 10mm con cercos del 8 cada 25 cm

Documento gráfico descriptivo: Pilar de observación.







Tubo exterior de PVC de 400 milímetros de diámetro separados del central por medio de poliuretano expandido



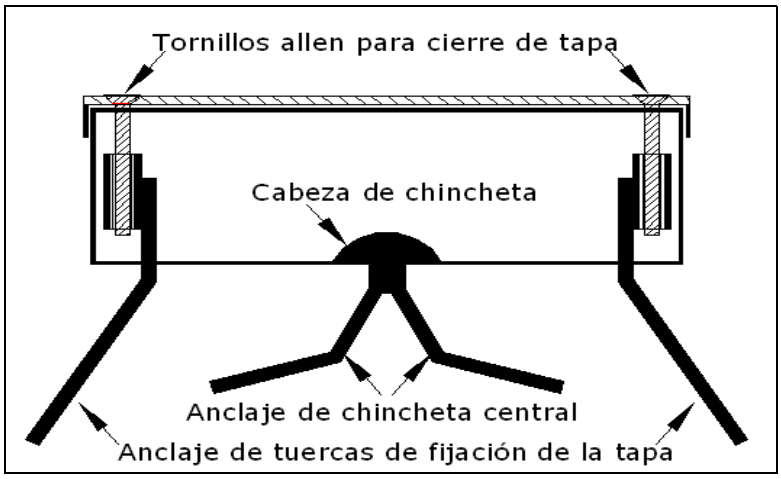


2.2. Base de nivelación

La base de nivelación está formada por una arqueta cilíndrica de acero inoxidable, de diámetro exterior 160 mm y 50 mm de altura. En su interior, en el centro, lleva un clavo de acero inoxidable tipo chincheta con dos anclajes que se empotran en el hormigón. La arqueta está provista de una tapa del mismo material, que se fija mediante tornillos tipo allen.

Para efectuar las lecturas, se desenrosca la tapa y la mira de nivelación se apoya en la cabeza semiesférica del clavo de la base.

Documento gráfico descriptivo: Bases de nivelación.







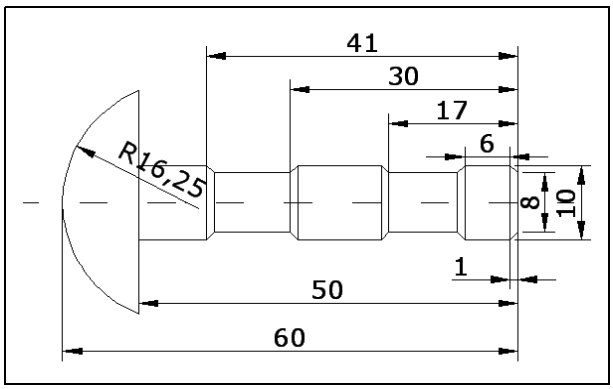
La base se fija en zapata de hormigón emplazada en terreno lo más estable posible y siempre dentro de los límites de propiedad de ADIF.

2.3. Clavos de nivelación

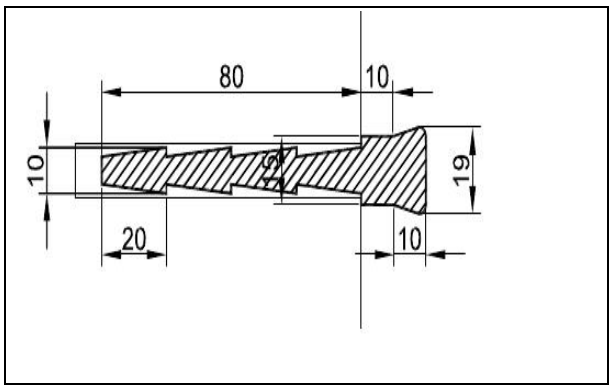
Hay dos tipos, ambos de acero inoxidable. Uno posee un vástago de 10 mm de diámetro y una cabeza semiesférica de 30 mm de diámetro; la longitud total es de 60 mm. Se empotran sobre el tablero del viaducto.

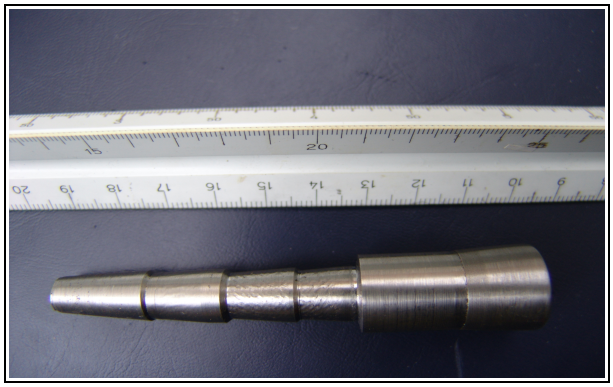
El otro tipo es para colocar horizontalmente en los estribos; tiene un diámetro de 20 mm y 90 mm de largo con escotaduras para su mejor fijación.
Se fijan al hormigón con resinas de alta resistencia.

Documento gráfico descriptivo: Clavos de nivelación.













2.4. Placas o señales de puntería

Las señales de puntería se instalan en los puntos de la estructura que se quieren controlar y deben ofrecer una buena visualización para facilitar la puntería y además resistir las condiciones ambientales sin deterioro.

Consisten en unas dianas reflectantes autoadesivas de 60 por 60 milímetros, montadas sobre una base de acero inoxidable de 70 por 80 milímetros por 2 de espesor.

Se fijan por medio de dos tornillos también de acero inoxidable a tacos expansivos colocados en perforaciones hechas en el hormigón, se le coloca también taco químico de alta resistencia para mejorar su fijación.

Documento gráfico descriptivo: Señal de puntería.





3. Instrumental utilizado y método de trabajo.

3.1. Planimetría

La obtención de las coordenadas planimétricas de las señales de puntería colocadas en la estructura se hace mediante triangulateración, esto es, midiendo ángulos horizontal, vertical y distancia. La misma se realiza de acuerdo con los principios tradicionales de la topografía siendo el sistema de referencia utilizado uno arbitrario local.

Se estaciona el taquímetro en un pilar, arrumbando con otro de la red que tiene colocado un prisma. Se mide cada pilar, en los que previamente ya se ha fijado un prisma, al menos tres veces en CI, repitiendo lo mismo en CD. Luego se reitera este mismo procedimiento con cada diana visible, terminando con una nueva tanda de lecturas a las bases. Esto mismo se realiza en cada uno de los pilares que conforman la red diseñada.

Con los datos colectados se ajusta la red por el método de mínimos cuadrados. Primero se resuelve la red de pilares de observación y a partir de las coordenadas obtenidas de las bases, se ajusta la red de dianas. Los cálculos se realizan con una aplicación desarrollada para el programa GNU Octave de libre circulación que corre bajo el sistema operativo Linux.

<u>Especificaciones:</u>

Estación Total	
Marca:	Sokkia
Modelo:	530R
Anteojo	
Longitud:	171 mm
Abertura:	45 mm (EDM: 48 mm)
Aumentos:	30X
Imagen:	Directa
Resolución:	3"
Campo visual:	1° 30'
Enfoque mínimo:	1,3 m.
Tornillo de enfoque:	1 velocidad
Iluminación del retículo:	5 niveles de luminosidad
Círculos horizontales y verticales:	Codificador absoluto giratorio
Unidades de ángulo: (seleccionable)	Grados/Gon/Mil
Lectura mínima en pantalla:	1" (0,2 mgon/0,005 mil)/5" (1 mgon/0,02 mil)
Precisión:	5" (1,5 mgon/0,02 mil)
Tiempo de medición:	Menos de 0,5 segundos
Compensador automático:	Encendido (V & H/V)/Apagado (seleccionable)
Tipo:	Sensor líquido de inclinación de 2 ejes



Lectura mínima en pantalla:	Acorde con el mínimo ángulo de medición mostrado en pantalla
Rango de compensación:	±3′
Modo de medición:	Ángulo horizontal: Derecha/izquierda (seleccionable)
Ángulo vertical:	Cenit/Vertical/Vertical ±90° /% (seleccionable)
Medición de distancia	
Método de medición:	Sistema de medición de observación coaxial por contraste de fases
Origen de la señal:	(Diodo láser rojo de 690 nm (Clase 2 IEC60825-1 2001-2)
Rango de medición:	(Con un prisma reflectante/prisma de lámina reflectante de Sokkia y en condiciones atmosféricas normales)
Lámina reflectante RS90N-K:	3,0 a 500 m/1640 pies
Lámina reflectante RS50N-K:	3,0 a 300 m/980 pies
Lámina reflectante RS10N-K:	3,0 a 100 m/320 pies
Prisma compacto CP01:	1,3 a 800 m/2.620 pies
Prisma estándar AP 01 X 1:	1,3 a 4000 m/13000 pies
Prisma estándar AP 03 X 3:	1,3 a 5000 m/16000 pies
Prisma OR1PA con minisoporte:	1,3 a 500 m/1640 pies
Sin prisma :	1,3 a 100 m / 320 pies
Lectura mínima en pantalla:	
Medición precisa:	0,001 m/0,01 pies
Precisión:	
(con prisma) Medición precisa:	± (2 + 2 ppm X D) mm
Origen de la señal:	LED infrarrojo (Clase 1 IEC 60825-1: 1993)
Corrección atmosférica:	
Rango de introducción de temperatura:	- 30 a 60°C (incrementos de 1°C)
Rango de introducción de presión:	500 a 1.400 hPa (incrementos de 1hPa) 375 a 1.050 mmHg (incrementos de 1 mmHg) 14.8 a 41,3 pulgHg (incrementos de 0,1 pulgHg)
Rango de introducción de ppm:	-499 a 499 ppm (incrementos de 1 ppm)
Corrección de la constante del prisma:	-99 a 99 mm (incrementos de 1 mm) 0 mm fijados para mediciones sin prisma

Curvatura terrestre y corrección de refracción: No/Sí K=0,142 /Sí K=0,20 (seleccionable)

Necesidad de corrección atmosférica

La distancia se mide la con un haz de luz, pero la velocidad de dicha luz varía según el índice de refracción de la luz en la atmósfera. Este índice de refracción varía según la temperatura y la presión. Condiciones de temperatura y presión casi normales:

•Con una presión constante, un cambio de temperatura de 1°: un cambio de índice de 1 ppm.
•Con una temperatura constante, un cambio de presión de 3.6 hPa: un cambio de índice de 1 ppm.

Para realizar mediciones de alta precisión, hay que hallar el factor de corrección atmosférica, a partir de mediciones aún más precisas de la temperatura y de la presión, para luego realizar una corrección atmosférica.

Corrección atmosférica para humedad relativa

La humedad ejerce una influencia menor, especialmente en las mediciones de distancias cortas. El efecto de la humedad se debe tener en cuenta en aquellos casos en que la temperatura y la humedad son muy elevadas y resulta necesario realizar mediciones de alta precisión de distancias especialmente largas que no es en este caso donde las distancias son cortas.

3.2. Nivelación

Para el control de movimientos verticales de la estructura se realiza la nivelación geométrica de los clavos empotrados en el tablero y estribos.

El proceso consiste en partir de una cota fija, arbitraria, en este caso las bases ya colocadas en lugares no expuestos a movimientos y se recorre todo el tramo midiendo cada uno de los clavos en ambas direcciones, haciendo el cierre en el punto de partida. Se tiene así un error de cierre que deberá ser inferior a la tolerancia propuesta que es:

$T = 1{,}5\ (K)^{1/2}$

donde K es la longitud del itinerario en kilómetros.

Para lograr mejores resultados deberán tenerse presentes algunas pautas como no hacer tramos de más de 50 metros, 25 a cada lado y siempre que sea posible desde el punto medio. Trabajar en horarios sin reverberación y en tiempos cortos en los que haya poca variación climática.

La mira deberá ser cuidadosamente colocada, nivelada y mantenida sin movimientos con ayuda de bastones. Tener especial cuidado en la fijación de las bases transitorias para puntos intermedios.

Nivel Digital Trimble DINI.

Precisión . . . . . DIN 18723, desviación típica en la medición de altura en 1 km (3280,84 pies) de nivelación doble

Trimble DiNi 0,3 mm por km

Medición electrónica

- Mira invar precisa con escala codificada. . . . . 0,3 mm (0,001 pies)
- Mira estándar con escala codificada. . . . . 1,0 mm (0,004 pies)

Medición visual . . . . . 1,5 mm (0,005 pies)

Medición de distancias . . . . . con una distancia de puntería de 20 m (65,62 pies)

- Mira invar precisa con escala codificada. . . . . .20 mm (0,066 pies)
- Mira estándar con escala codificada. . . . . .25 mm (0,082 pies)
- Medición visual. . . . . .0,2 m (0,656 pies)

Trimble DiNi 0,7 mm por km

Medición electrónica

- Mira invar precisa con escala codificada. . . . . 0,7 mm (0,002 pies)
- Mira estándar con escala codificada. . . . . 1,3 mm (0,004 pies)
- Medición visual. . . . . 2,0 mm (0,007 pies)

Medición de distancias . . . . . con una distancia de puntería de 20 m (65,62 pies)

- Mira invar precisa con escala codificada. . . . . .25 mm (0,082 pies)
- Mira estándar con escala codificada. . . . . .30 mm (0,098 pies)
- Medición visual. . . . . .0,3 m (0,984 pies)

Documento gráfico descriptivo: Nivelaciones.









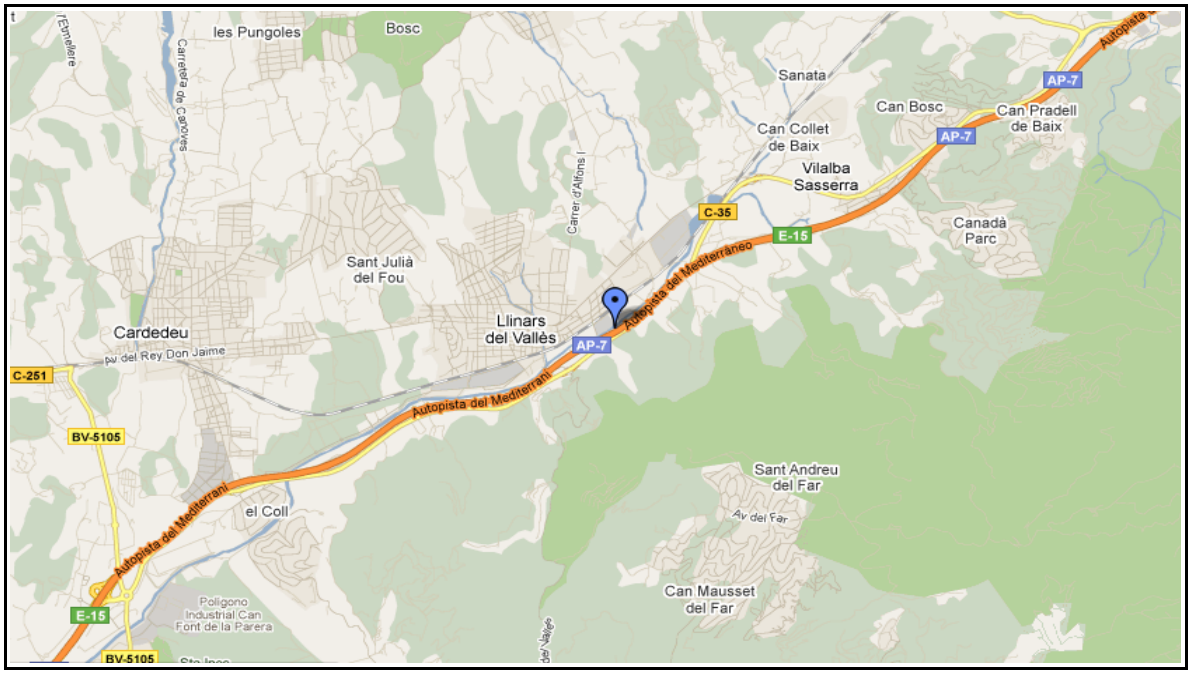
4. Viaducto y su ubicación.

VIADUCTO METÁLICO SOBRE AP-7

Estructura de 5 vanos ubicada en el término municipal de Llinars del Vallés, comarca del Vallés Oriental, provincia de Barcelona. Tiene un largo de 307 metros.

Se accede desde la calle de Horts de la Mina. Coordenadas: 41º 38´26´´ N, 2º 24´32´´ E.

Croquis



Croquis de detalle



VIADUCTO METÁLICO SOBRE AP-7



Características geométricas de la estructura		
Nº de vanos	5	
Longitud	307	
Tipología de pila	Doble fuste sección circular	
	Control topográfico	**Criterios:**
		Carretera
Estribos	Ambos	
Pilas instrumentadas	Todas (excepto centrales de autopista)	

	Unidades	
	Control en pilas	**Control en estribos**
Bases para estacionamiento de Estación Total (pilares)	3	
Señales de puntería	6	2
Clavos empotrables	8	6
Base fija para nivelación de precisión (bases con tapa)	2	

5. Descripción de la infraestructura de control.

CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: LA ROCA DEL VALLÉS – LLINARS DEL VALLÉS

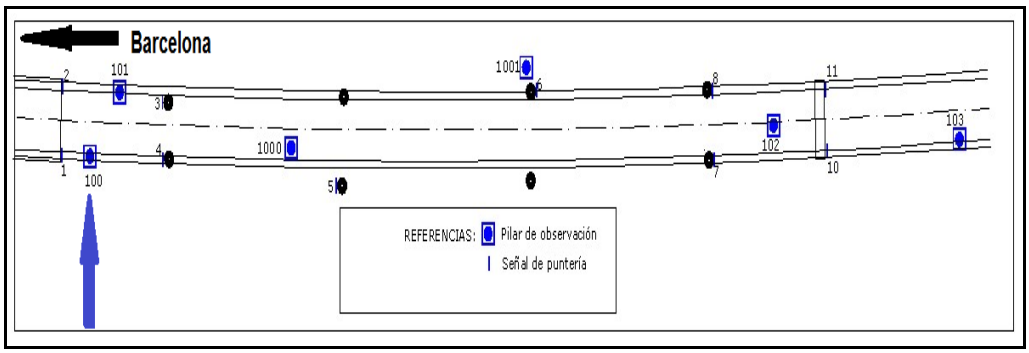
DESCRIPCIÓN DE LOS VÉRTICES DE CONTROL

NOMBRE VIADUCTO: METÁLICO SOBRE AP-7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
PILAR NÚMERO: 100	**COMARCA:** VALLÉS ORIENTAL



Pilar de observación situado en el vano Nº1, fijado en zapata de hormigón de 1,5x1,5x0.30 metros, totalmente enterrada para lograr una mayor estabilidad.

Croquis de detalle





CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: LA ROCA DEL VALLÉS – LLINARS DEL VALLÉS

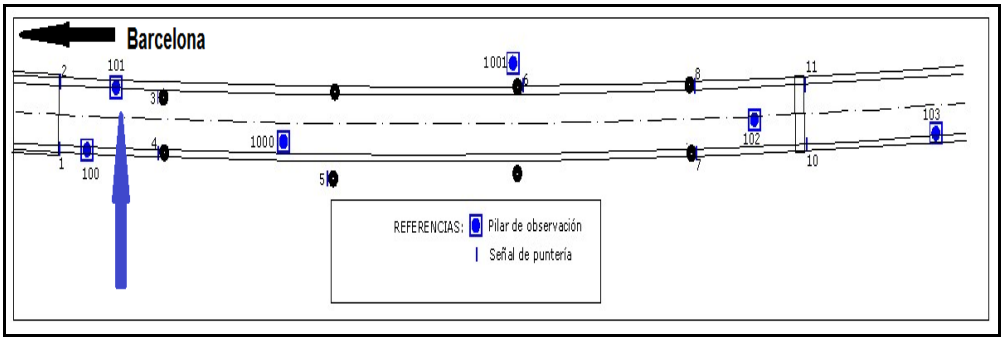
DESCRIPCIÓN DE LOS VÉRTICES DE CONTROL

NOMBRE VIADUCTO: METÁLICO SOBRE AP-7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
PILAR NÚMERO: 101	**COMARCA:** VALLÉS ORIENTAL



Pilar de observación situado en el vano Nº1, fijado en zapata de hormigón de 1,5x1,5x0.30 metros, totalmente enterrada para lograr una mayor estabilidad.

Croquis de detalle





CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: LA ROCA DEL VALLÉS – LLINARS DEL VALLÉS

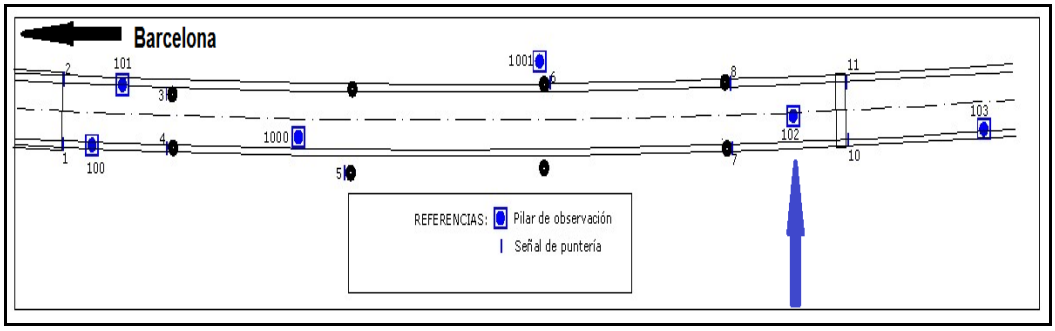
DESCRIPCIÓN DE LOS VÉRTICES DE CONTROL

NOMBRE VIADUCTO: METÁLICO SOBRE AP-7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
PILAR NÚMERO: 102	**COMARCA:** VALLÉS ORIENTAL



Pilar de observación situado en el vano Nº5, fijado en zapata de hormigón de 1,5x1,5x0.30 metros, totalmente enterrada para lograr una mayor estabilidad.

Croquis de detalle

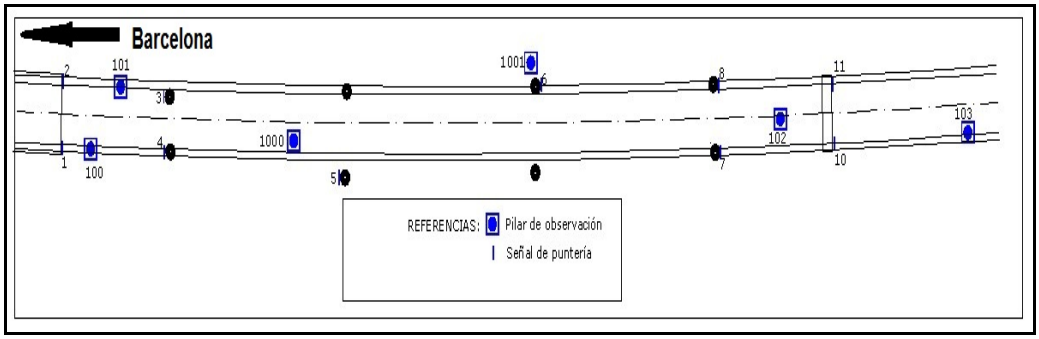




CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: MONTORNES DEL VALLÉS – LA ROCA DEL VALLÉS

DESCRIPCIÓN DE LAS SEÑALES DE PUNTERÍA

NOMBRE VIADUCTO: METÁLICO SOBRE AP7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
NÚMERO DE SEÑALES: 8	**COMARCA:** VALLÉS ORIENTAL



Se instalaron en coronación de cada pila y en los extremos superiores de cada estribo una señal de puntería para el control planimétrico de la estructura.

CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: LA ROCA DEL VALLÉS – LLINARS DEL VALLÉS

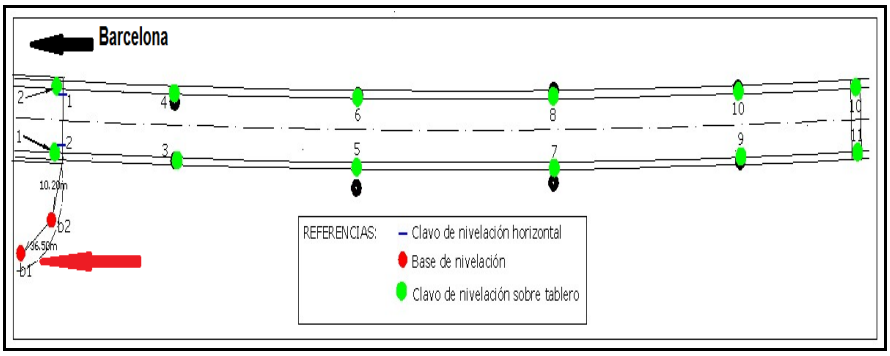
DESCRIPCIÓN DE LAS BAESE DE NIVELACIÓN

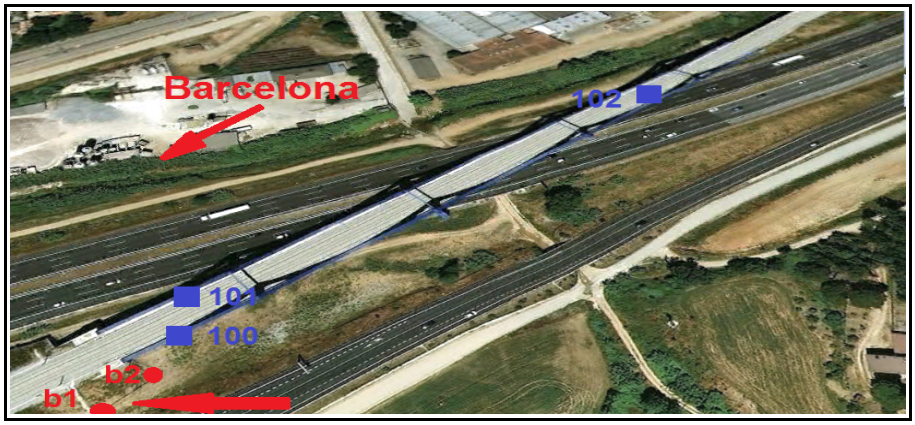
NOMBRE VIADUCTO: METÁLICO SOBRE AP-7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
BASE DE NIVELACIÓN NÚMERO: b1	**COMARCA:** VALLÉS ORIENTAL



Base de nivelación emplazada en zapata de hormigón. En terreno firme natural fuera de terraplén.

Croquis de detalle





CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: LA ROCA DEL VALLÉS – LLINARS DEL VALLÉS

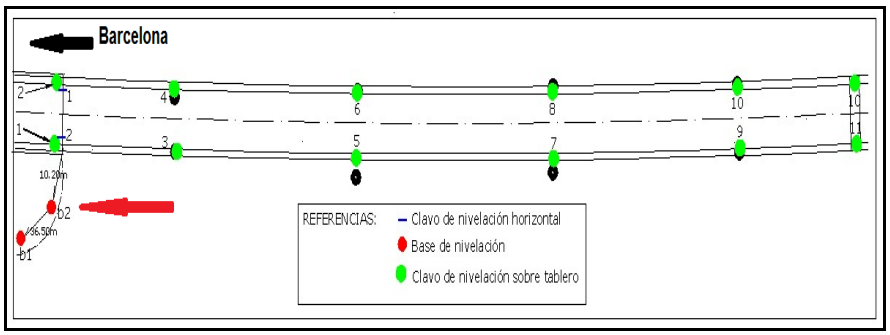
DESCRIPCIÓN DE LAS BAESE DE NIVELACIÓN

NOMBRE VIADUCTO: METÁLICO SOBRE AP-7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
BASE DE NIVELACIÓN NÚMERO: b2	**COMARCA:** VALLÉS ORIENTAL



Base de nivelación emplazada en zapata de hormigón. En terreno firme natural fuera de terraplén.

Croquis de detalle

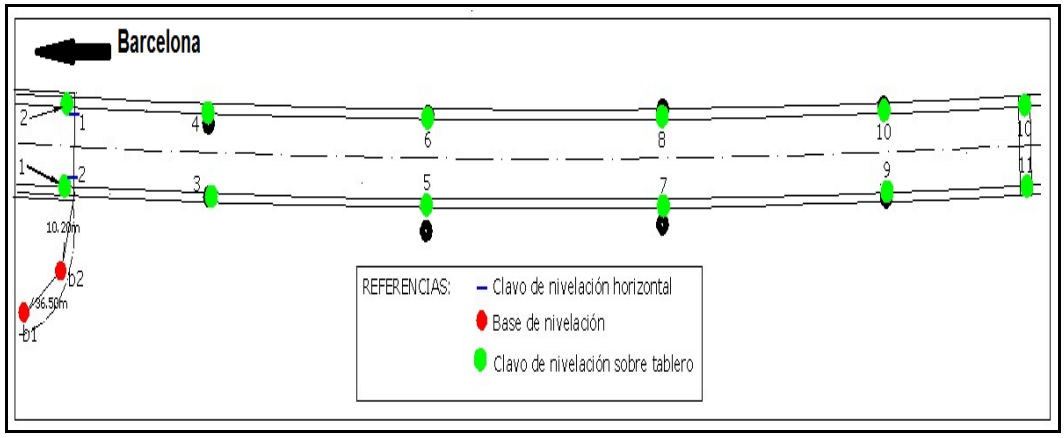




CONTROL DE MOVIMIENTOS DE ESTRUCTURAS EN LA LÍNEA DE ALTA VELOCIDAD (AVE) TRAMO: MONTORNES DEL VALLÉS – LA ROCA DEL VALLÉS

DESCRIPCIÓN DE LOS CLAVOS DE NIVELACIÓN

NOMBRE VIADUCTO: METÁLICO SOBRE AP7	**MUNICIPIO:** LLINARS DEL VALLÉS
PROVINCIA: BARCELONA	**FECHA:** FEBRERO 2011
NÚMERO DE CLAVOS: 14	**COMARCA:** VALLÉS ORIENTAL



Se instalaron sobre el tablero del viaducto y en cada extremo del estribo, clavos de nivelación de acero inoxidable tipo “chincheta” para el control altimétrico de la estructura. Para la vinculación con las bases de nivelación se instalaron en el estribo 2 clavos de nivel horizontales.

6. Observación y Cálculos.

6.1. Planimetría.

Datos de campo

Fecha: 06/07/2010 Hora: 08:30 Temperatura: 25º Presión atmosférica: 1016 hpa

Por estar las dos estructuras, AP metálico y hormigón continuas, la medición se realiza en forma conjunta. Los datos de campo y el cálculo son comunes. Las coordenadas ajustadas finales pertenecen a este tramo. Las bases 1000 y 1001 son de paso y no quedan materializados.

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
100	101	0.0010	101.5536	19.2504
100	101	0.0010	101.5546	19.2506
100	101	0.0012	101.5550	19.2508
100	101	0.0010	101.5546	19.2502
100	1000	55.1978	98.5390	82.3966
100	1000	55.1978	98.5394	82.3970
100	1000	55.1978	98.5406	82.3970
100	1000	55.1976	98.5398	82.3970
100	1000	255.2000	301.4590	82.3970
100	1000	255.2000	301.4590	82.3970
100	1000	255.1992	301.4578	82.3970
100	1000	255.1992	301.4578	82.3970
100	101	200.0034	298.4448	19.2510
100	101	200.0034	298.4448	19.2510
100	101	200.0026	298.4446	19.2510
100	101	200.0028	298.4448	19.2510
100	1	250.1594	68.4708	12.9964
100	1	250.1594	68.4720	12.9966
100	1	250.1594	68.4714	12.9970
100	3	32.4822	90.1250	34.8740
100	3	32.4818	90.1250	34.8738
100	3	32.4816	90.1262	34.8740
100	4	57.7570	89.4526	32.1418
100	4	57.7576	89.4520	32.1420
100	4	57.7572	89.4520	32.1418
100	5	60.7334	96.4390	103.1110
100	5	60.7340	96.4388	103.1108
100	5	60.7340	96.4390	103.1120
100	5	260.7358	303.5582	103.1112
100	5	260.7358	303.5596	103.1114
100	5	260.7358	303.5594	103.1116
100	4	257.7588	310.5456	32.1402
100	4	257.7592	310.5454	32.1408
100	4	257.7588	310.5454	32.1400
100	3	232.4840	309.8718	34.8760
100	3	232.4840	309.8726	34.8756
100	3	232.4838	309.8728	34.8760
100	1	50.1628	331.5262	12.9940
100	1	50.1630	331.5264	12.9952
100	1	50.1630	331.5256	12.9954
100	1000	55.1976	98.5388	82.3970

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
100	1000	55.1976	98.5396	82.3970
100	1000	55.1976	98.5398	82.3970
100	101	0.0024	101.5532	19.2512
100	101	0.0014	101.5542	19.2510
100	101	0.0014	101.5536	19.2510
100	101	200.0032	298.4446	19.2510
100	101	200.0032	298.4448	19.2510
100	101	200.0028	298.4446	19.2510
100	1000	255.2000	301.4584	82.3970
100	1000	255.1990	301.4582	82.3976
100	1000	255.1988	301.4582	82.3970
101	100	200.0010	98.9334	19.2480
101	100	200.0010	98.9342	19.2480
101	100	200.0010	98.9340	19.2472
101	1000	68.3682	97.9626	71.4800
101	1000	68.3682	97.9640	71.4802
101	1000	68.3686	97.9634	71.4800
101	1000	268.3698	302.0342	71.4810
101	1000	268.3700	302.0352	71.4814
101	1000	268.3702	302.0356	71.4810
101	2	265.3152	82.2352	24.0490
101	2	265.3144	82.2362	24.0490
101	2	265.3150	82.2364	24.0490
101	3	63.6218	82.0842	20.8250
101	3	63.6222	82.0846	20.8254
101	3	63.6220	82.0846	20.8260
101	4	99.2938	85.7222	25.6182
101	4	99.2934	85.7220	25.6198
101	4	99.2934	85.7228	25.6180
101	5	71.5170	95.7948	93.3546
101	5	71.5166	95.7948	93.3554
101	5	71.5176	95.7956	93.3556
101	5	271.5194	304.2018	93.3510
101	5	271.5192	304.2022	93.3514
101	5	271.5194	304.2030	93.3520
101	4	299.2972	314.2754	25.6144
101	4	299.2972	314.2748	25.6146
101	4	299.2972	314.2752	25.6146
101	3	263.6250	317.9134	20.8238
101	3	263.6240	317.9132	20.8234
101	3	263.6250	317.9132	20.8234
101	2	65.3184	317.7608	24.0466
101	2	65.3180	317.7612	24.0470
101	2	65.3180	317.7608	24.0470
101	1000	68.3680	97.9632	71.4798
101	1000	68.3680	97.9630	71.4800
101	1000	68.3680	97.9626	71.4802
101	100	200.0014	98.9346	19.2478
101	100	200.0016	98.9354	19.2474
101	100	200.0016	98.9356	19.2478
101	100	0.0024	301.0646	19.2472
101	100	0.0024	301.0638	19.2480
101	100	0.0022	301.0642	19.2472
101	1000	268.3702	302.0354	71.4808
101	1000	268.3700	302.0344	71.4800

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
101	1000	268.3698	302.0344	71.4802
1000	100	255.1976	101.5818	82.4000
1000	100	255.1976	101.5812	82.3994
1000	100	255.1978	101.5816	82.3998
1000	100	255.1978	101.5818	82.3998
1000	101	268.3682	102.1978	71.4870
1000	101	268.3680	102.1972	71.4878
1000	101	268.3682	102.1972	71.4874
1000	1001	44.3360	100.0886	97.8790
1000	1001	44.3362	100.0898	97.8790
1000	1001	44.3362	100.0880	97.8790
1000	1001	244.3374	299.9086	97.8792
1000	1001	244.3374	299.9072	97.8796
1000	1001	244.3374	299.9068	97.8790
1000	101	68.3702	297.7986	71.4870
1000	101	68.3706	297.8002	71.4878
1000	101	68.3708	297.7992	71.4882
1000	100	55.2012	298.4152	82.4004
1000	100	55.2002	298.4146	82.4000
1000	100	55.2004	298.4140	82.4006
1000	100	255.1978	101.5792	82.3994
1000	100	255.1978	101.5792	82.3992
1000	100	255.1978	101.5794	82.4002
1000	101	268.3692	102.1964	71.4870
1000	101	268.3692	102.1992	71.4880
1000	101	268.3692	102.1990	71.4880
1000	1001	44.3346	100.0892	97.8790
1000	1001	44.3348	100.0926	97.8790
1000	1001	44.3348	100.0922	97.8790
1000	1001	244.3362	299.9070	97.8792
1000	1001	244.3360	299.9070	97.8792
1000	1001	244.3360	299.9066	97.8798
1000	101	68.3700	297.8040	71.4878
1000	101	68.3698	297.8040	71.4874
1000	101	68.3698	297.8040	71.4880
1000	100	55.2002	298.4152	82.4008
1000	100	55.1988	298.4176	82.4000
1000	100	55.2008	298.4156	82.4000
1000	100	55.2000	298.4146	82.4000
1000	5	81.7532	89.1732	22.4010
1000	5	81.7536	89.1732	22.4010
1000	5	81.7528	89.1738	22.4012
1000	5	281.7544	310.8242	22.3970
1000	5	281.7544	310.8234	22.3980
1000	5	281.7548	310.8234	22.3974
1000	100	255.1996	101.5810	82.4000
1000	100	255.1990	101.5786	82.3992
1000	100	255.1988	101.5818	82.4000
1000	101	268.3702	102.1974	71.4870
1000	101	268.3694	102.1992	71.4882

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
1000	101	268.3694	102.1992	71.4874
1000	1001	44.3354	100.0870	97.8790
1000	1001	44.3348	100.0884	97.8790
1000	1001	44.3348	100.0884	97.8790
1000	1001	244.3364	299.9064	97.8790
1000	1001	244.3364	299.9074	97.8800
1000	1001	244.3362	299.9076	97.8790
1000	101	68.3710	297.7992	71.4886
1000	101	68.3710	297.7992	71.4874
1000	101	68.3710	297.8004	71.4870
1000	100	55.2006	298.4150	82.4000
1000	100	55.2006	298.4150	82.4000
1000	100	55.2004	298.4142	82.4004
1000	100	55.2004	298.4136	82.4006
1001	1000	244.3362	100.0182	97.8784
1001	1000	244.3362	100.0172	97.8792
1001	1000	244.3362	100.0194	97.8790
1001	102	65.2476	102.0428	102.1350
1001	102	65.2486	102.0464	102.1344
1001	102	65.2478	102.0470	102.1350
1001	102	65.2480	102.0468	102.1348
1001	102	265.2494	297.9540	102.1342
1001	102	265.2494	297.9548	102.1340
1001	1000	44.3382	299.9772	97.8794
1001	1000	44.3382	299.9752	97.8796
1001	1000	44.3382	299.9726	97.8792
1001	1000	244.3360	100.0178	97.8792
1001	1000	244.3358	100.0202	97.8790
1001	1000	244.3358	100.0200	97.8794
1001	102	65.2464	102.0428	102.1340
1001	102	65.2462	102.0430	102.1344
1001	102	65.2472	102.0428	102.1340
1001	102	265.2490	297.9554	102.1350
1001	102	265.2492	297.9552	102.1344
1001	102	265.2478	297.9552	102.1348
1001	1000	44.3382	299.9796	97.8798
1001	1000	44.3378	299.9804	97.8800
1001	1000	44.3378	299.9800	97.8800
102	1001	265.2478	98.0528	102.1294
102	1001	265.2474	98.0534	102.1296
102	1001	265.2474	98.0534	102.1290
102	1001	65.2492	301.9438	102.1298
102	1001	65.2494	301.9436	102.1300
102	1001	65.2494	301.9442	102.1300
102	6	263.6576	95.1930	100.1972
102	6	263.6568	95.1928	100.1978
102	7	244.0106	82.6250	29.7186
102	7	244.0110	82.6254	29.7176
102	7	244.0098	82.6254	29.7170
102	8	273.7806	83.3490	30.4686

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
102	8	273.7798	83.3490	30.4688
102	8	273.7812	83.3490	30.4686
102	9	53.7912	92.5374	53.1694
102	9	53.7912	92.5374	53.1692
102	9	53.7912	92.5368	53.1696
102	9	253.7934	307.4602	53.1682
102	9	253.7932	307.4602	53.1680
102	9	253.7932	307.4602	53.1680
102	8	73.7844	316.6482	30.4642
102	8	73.7832	316.6478	30.4640
102	8	73.7832	316.6478	30.4640
102	7	44.0122	317.3716	29.7152
102	7	44.0128	317.3724	29.7168
102	7	44.0128	317.3730	29.7170
102	6	63.6600	304.8042	100.1956
102	6	63.6592	304.8048	100.1952
102	6	63.6592	304.8044	100.1962
102	1001	65.2494	301.9444	102.1298
102	1001	65.2496	301.9444	102.1300
102	1001	65.2486	301.9444	102.1298
102	1001	265.2468	98.0532	102.1300
102	1001	265.2464	98.0524	102.1296
102	1001	265.2464	98.0536	102.1292
102	7	244.0072	82.6268	29.7150
102	7	244.0074	82.6272	29.7150
102	7	244.0074	82.6272	29.7150
102	8	273.7784	83.3520	30.4676
102	8	273.7784	83.3520	30.4680
102	8	273.7786	83.3520	30.4680
102	9	53.7870	92.5370	53.1680
102	9	53.7874	92.5370	53.1682
102	9	53.7874	92.5370	53.1682
102	103	59.5662	99.7252	75.8970
102	103	59.5662	99.7252	75.8970
102	103	59.5662	99.7250	75.8972
102	104	50.1682	99.8470	118.6790
102	104	50.1684	99.8470	118.6800
102	104	50.1684	99.8472	118.6792
102	7	44.0114	317.3706	29.7170
102	7	44.0112	317.3706	29.7170
102	7	44.0112	317.3706	29.7170
102	8	73.7814	316.6442	30.4648
102	8	73.7814	316.6446	30.4650
102	8	73.7814	316.6446	30.4650
102	9	253.7902	307.4612	53.1696
102	9	253.7902	307.4610	53.1690
102	9	253.7902	307.4614	53.1696
102	103	259.5670	300.2752	75.8970
102	103	259.5670	300.2748	75.8972
102	103	259.5670	300.2752	75.8970

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
102	104	250.1694	300.1492	118.6800
102	104	250.1692	300.1492	118.6792
102	104	250.1692	300.1490	118.6798
103	102	259.5664	100.4338	75.8980
103	102	259.5664	100.4338	75.8980
103	102	259.5664	100.4338	75.8982
103	104	34.2178	100.1890	45.0168
103	104	34.2180	100.1888	45.0166
103	104	34.2180	100.1888	45.0160
103	10	254.6934	91.0150	58.8510
103	10	254.6934	91.0150	58.8510
103	10	254.6934	91.0150	58.8510
103	11	268.4546	91.3064	60.2300
103	11	268.4546	91.3062	60.2290
103	11	268.4546	91.3062	60.2298
103	21	274.0352	83.5726	22.6270
103	21	274.0354	83.5726	22.6270
103	21	274.0354	83.5724	22.6270
103	12	37.2028	85.8048	26.6844
103	12	37.2028	85.8050	26.6842
103	12	37.2028	85.8050	26.6844
103	12	237.2066	314.1924	26.6850
103	12	237.2068	314.1924	26.6850
103	12	237.2070	314.1924	26.6858
103	11	68.4574	308.6916	60.2256
103	11	68.4572	308.6912	60.2260
103	11	68.4574	308.6914	60.2264
103	10	54.6960	308.9828	58.8510
103	10	54.6960	308.9828	58.8510
103	10	54.6960	308.9824	58.8510
103	104	234.2174	299.8078	45.0170
103	104	234.2176	299.8076	45.0170
103	104	234.2174	299.8076	45.0170
103	102	59.5690	299.5664	75.8982
103	102	59.5692	299.5666	75.8980
103	102	59.5696	299.5666	75.8980
104	103	234.2138	100.0512	45.0160
104	103	234.2138	100.0522	45.0158
104	103	234.2138	100.0518	45.0160
104	105	63.6448	99.6846	64.2168
104	105	63.6450	99.6872	64.2168
104	105	63.6450	99.6872	64.2164
104	106	54.4562	99.5160	118.1450
104	106	54.4564	99.5140	118.1454
104	106	54.4558	99.5162	118.1452
104	106	254.4568	300.4822	118.1450
104	106	254.4572	300.4812	118.1450
104	106	254.4570	300.4812	118.1450
104	105	263.6454	300.3114	64.2170
104	105	263.6462	300.3142	64.2170

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
104	105	263.6462	300.3138	64.2170
104	103	34.2150	299.9450	45.0160
104	103	34.2152	299.9450	45.0160
104	103	34.2162	299.9452	45.0160
104	11	253.7862	94.8066	101.3322
104	21	247.0310	94.2168	64.3108
104	21	247.0314	94.2170	64.3110
104	21	247.0314	94.2180	64.3108
104	22	227.4806	78.7644	18.2140
104	22	227.4806	78.7648	18.2140
104	22	227.4816	78.7646	18.2140
104	13	67.4466	87.7972	31.5946
104	13	67.4470	87.7972	31.5948
104	13	67.4470	87.7972	31.5940
104	14	58.5276	95.1242	78.7930
104	14	58.5278	95.1246	78.7932
104	14	58.5278	95.1244	78.7934
104	14	258.5306	304.8726	78.7910
104	14	258.5304	304.8730	78.7910
104	14	258.5304	304.8726	78.7910
104	13	267.4504	312.2022	31.5920
104	13	267.4498	312.2016	31.5930
104	13	267.4498	312.2032	31.5930
104	22	27.4848	321.2332	18.2158
104	22	27.4858	321.2336	18.2160
104	22	27.4844	321.2336	18.2160
104	21	47.0338	305.7792	64.3120
104	21	47.0332	305.7798	64.3124
104	21	47.0334	305.7798	64.3122
104	11	53.7876	305.1918	101.3324
104	11	53.7882	305.1916	101.3324
104	11	53.7882	305.1916	101.3330
104	103	234.2136	100.0518	45.0164
104	103	234.2136	100.0524	45.0160
104	103	234.2136	100.0526	45.0160
104	105	63.6454	99.6828	64.2170
104	105	63.6454	99.6864	64.2170
104	105	63.6454	99.6864	64.2170
104	106	54.4566	99.5154	118.1450
104	106	54.4566	99.5156	118.1452
104	106	54.4568	99.5152	118.1454
104	106	254.4582	300.4830	118.1450
104	106	254.4582	300.4836	118.1450
104	106	254.4580	300.4834	118.1450
104	105	263.6466	300.3144	64.2170
104	105	263.6466	300.3148	64.2170
104	105	263.6466	300.3144	64.2174
104	103	34.2154	299.9436	45.0160
104	103	34.2154	299.9436	45.0160
104	103	34.2154	299.9448	45.0160

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
105	104	263.6440	100.4810	64.2170
105	104	263.6436	100.4784	64.2170
105	104	263.6436	100.4784	64.2172
105	106	43.7882	99.4348	55.3748
105	106	43.7884	99.4360	55.3750
105	106	43.7884	99.4366	55.3750
105	106	243.7872	300.5640	55.3746
105	106	243.7870	300.5642	55.3744
105	106	243.7870	300.5644	55.3750
105	104	63.6432	299.5196	64.2160
105	104	63.6444	299.5202	64.2168
105	104	63.6444	299.5198	64.2168
105	22	256.1890	95.5442	79.4660
105	22	256.1896	95.5452	79.4650
105	22	256.1900	95.5446	79.4650
105	23	260.4852	88.6910	31.8258
105	23	260.4854	88.6910	31.8260
105	23	260.4852	88.6914	31.8260
105	14	36.8538	77.7610	16.4300
105	14	36.8542	77.7614	16.4304
105	14	36.8540	77.7608	16.4300
105	15	48.4610	94.3528	63.3112
105	15	48.4612	94.3524	63.3102
105	15	48.4612	94.3530	63.3102
105	16	53.7232	94.9020	101.2410
105	16	53.7232	94.9018	101.2402
105	16	53.7238	94.9018	101.2404
105	16	253.7228	305.0988	101.2400
105	16	253.7230	305.0990	101.2392
105	16	253.7216	305.0994	101.2394
105	16	253.7236	305.0992	101.2400
105	15	248.4616	305.6480	63.3104
105	15	248.4612	305.6480	63.3100
105	15	248.4612	305.6476	63.3100
105	14	236.8544	322.2394	16.4290
105	14	236.8540	322.2396	16.4290
105	14	236.8542	322.2404	16.4300
105	23	60.4850	311.3122	31.8230
105	23	60.4856	311.3120	31.8230
105	23	60.4850	311.3118	31.8238
105	22	56.1892	304.4578	79.4630
105	22	56.1898	304.4576	79.4638
105	22	56.1892	304.4570	79.4632
105	22	56.1896	304.4572	79.4634
105	104	263.6440	100.4778	64.2170
105	104	263.6440	100.4788	64.2170
105	104	263.6440	100.4784	64.2170
105	106	43.7884	99.4388	55.3748
105	106	43.7884	99.4368	55.3740
105	106	43.7884	99.4366	55.3746

Estación	Pto. Visado	Áng. Horiz.	Áng. Vert.	Distancia
105	106	243.7874	300.5642	55.3742
105	106	243.7874	300.5646	55.3742
105	106	243.7874	300.5644	55.3750
105	104	63.6428	299.5216	64.2164
105	104	63.6428	299.5214	64.2160
105	104	63.6428	299.5214	64.2160
106	105	243.7888	100.7444	55.3750
106	105	243.7890	100.7444	55.3750
106	105	243.7880	100.7444	55.3750
106	104	254.4566	100.5728	118.1460
106	104	254.4566	100.5728	118.1450
106	104	254.4566	100.5728	118.1460
106	104	54.4558	299.4264	118.1456
106	104	54.4558	299.4266	118.1460
106	24	246.2016	91.6074	38.3970
106	24	246.2014	91.6074	38.3970
106	24	246.2014	91.6076	38.3974
106	15	78.9056	66.9926	10.1634
106	15	78.9058	66.9934	10.1636
106	15	78.9058	66.9932	10.1630
106	16	65.4452	89.8938	47.6120
106	16	65.4452	89.8940	47.6120
106	16	65.4452	89.8940	47.6120
106	17	47.7108	89.6690	46.5530
106	17	47.7108	89.6690	46.5532
106	17	47.7108	89.6712	46.5530
106	17	247.7102	310.3304	46.5542
106	17	247.7104	310.3304	46.5536
106	17	247.7104	310.3304	46.5540
106	16	265.4468	310.1068	47.6106
106	16	265.4468	310.1068	47.6106
106	16	265.4468	310.1066	47.6100
106	15	278.9054	333.0084	10.1616
106	15	278.9054	333.0080	10.1620
106	15	278.9050	333.0076	10.1618
106	24	46.2012	308.3912	38.3980
106	105	43.7878	299.2538	55.3744
106	105	43.7878	299.2538	55.3750
106	105	43.7880	299.2540	55.3750
106	104	54.4562	299.4294	118.1462
106	104	54.4562	299.4292	118.1462
106	104	54.4562	299.4292	118.1464
106	104	254.4566	100.5740	118.1462
106	104	254.4566	100.5742	118.1460
106	104	254.4568	100.5746	118.1460
106	105	243.7874	100.7490	55.3758
106	105	243.7874	100.7490	55.3756
106	105	243.7874	100.7490	55.3756
106	105	243.7872	100.7492	55.3760

Coordenadas aproximadas

Punto	X	Y
1	991.8948	1991.9336
2	980.2299	2007.2624
3	1016.8285	2030.0643
4	1024.9750	2019.5216
5	1083.9819	2059.5435
6	1128.7695	2127.4013
7	1194.5935	2159.3413
8	1185.8691	2169.6074
9	1252.3335	2216.4370
10	1229.8052	2188.3703
11	1221.4383	2198.0509
12	1288.2869	2248.1283
13	1324.0210	2280.2680
14	1359.4459	2312.7244
15	1394.4982	2345.4562
16	1426.4059	2366.8665
17	1417.4466	2376.2158
21	1253.8456	2217.7447
22	1289.7703	2249.4569
23	1325.5184	2281.5842
24	1360.8872	2314.1104
100	1000.0000	2000.0000
101	999.9997	2019.2459
102	1212.8387	2181.3871
103	1273.9280	2226.4221
104	1296.9743	2265.0916
105	1350.9999	2299.8002
106	1386.1518	2342.5833
1000	1062.8052	2053.3009
1001	1125.5925	2128.3895

Ajuste de la red de pilares de observación
Observaciones angulares

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
1	0.0008	0.8860	0.9580	0.0050
2	0.0008	0.8860	0.9580	0.0050
3	0.0006	0.6641	0.9580	0.0050
4	0.0008	0.8860	0.9580	0.0050
5	0.0019	2.1168	0.9819	0.0050
6	0.0019	2.1168	0.9819	0.0050
7	0.0019	2.1168	0.9819	0.0050
8	0.0021	2.3360	0.9819	0.0050
9	-0.0003	-0.2936	0.9819	0.0050
10	-0.0003	-0.2936	0.9819	0.0050
11	0.0005	0.5829	0.9819	0.0050
12	0.0005	0.5829	0.9819	0.0050
13	-0.0016	-1.7762	0.9580	0.0050
14	-0.0016	-1.7762	0.9580	0.0050
15	-0.0008	-0.8888	0.9580	0.0050
16	-0.0010	-1.1107	0.9580	0.0050
17	0.0021	2.3360	0.9819	0.0050
18	0.0021	2.3360	0.9819	0.0050
19	0.0021	2.3360	0.9819	0.0050
20	-0.0006	-0.6670	0.9580	0.0050
21	0.0004	0.4423	0.9580	0.0050
22	0.0004	0.4423	0.9580	0.0050
23	-0.0014	-1.5544	0.9580	0.0050
24	-0.0014	-1.5544	0.9580	0.0050
25	-0.0010	-1.1107	0.9580	0.0050
26	-0.0003	-0.2936	0.9819	0.0050
27	0.0007	0.8020	0.9819	0.0050
28	0.0009	1.0212	0.9819	0.0050
29	0.0008	0.8860	0.9580	0.0050
30	0.0008	0.8860	0.9580	0.0050
31	0.0008	0.8860	0.9580	0.0050
32	0.0006	0.6156	0.9765	0.0050
33	0.0006	0.6156	0.9765	0.0050
34	0.0002	0.1761	0.9765	0.0050
35	-0.0010	-1.1423	0.9765	0.0050
36	-0.0012	-1.3621	0.9765	0.0050
37	-0.0014	-1.5818	0.9765	0.0050
38	0.0008	0.8354	0.9765	0.0050
39	0.0008	0.8354	0.9765	0.0050
40	0.0008	0.8354	0.9765	0.0050
41	0.0004	0.4423	0.9580	0.0050
42	0.0002	0.2204	0.9580	0.0050
43	0.0002	0.2204	0.9580	0.0050
44	-0.0006	-0.6670	0.9580	0.0050
45	-0.0006	-0.6670	0.9580	0.0050
46	-0.0004	-0.4451	0.9580	0.0050

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
47	-0.0014	-1.5818	0.9765	0.0050
48	-0.0012	-1.3621	0.9765	0.0050
49	-0.0010	-1.1423	0.9765	0.0050
50	0.0021	2.3360	0.9819	0.0050
51	0.0021	2.3360	0.9819	0.0050
52	0.0019	2.1168	0.9819	0.0050
53	0.0019	2.1168	0.9819	0.0050
54	0.0006	0.6156	0.9765	0.0050
55	0.0008	0.8354	0.9765	0.0050
56	0.0006	0.6156	0.9765	0.0050
57	0.0004	0.4270	0.9667	0.0050
58	0.0002	0.2061	0.9667	0.0050
59	0.0002	0.2061	0.9667	0.0050
60	-0.0010	-1.1190	0.9667	0.0050
61	-0.0010	-1.1190	0.9667	0.0050
62	-0.0010	-1.1190	0.9667	0.0050
63	-0.0014	-1.5818	0.9765	0.0050
64	-0.0018	-2.0213	0.9765	0.0050
65	-0.0020	-2.2410	0.9765	0.0050
66	-0.0015	-1.6085	0.9819	0.0050
67	-0.0005	-0.5128	0.9819	0.0050
68	-0.0007	-0.7319	0.9819	0.0050
69	0.0019	2.1168	0.9819	0.0050
70	0.0019	2.1168	0.9819	0.0050
71	0.0019	2.1168	0.9819	0.0050
72	-0.0004	-0.4831	0.9765	0.0050
73	-0.0004	-0.4831	0.9765	0.0050
74	-0.0004	-0.4831	0.9765	0.0050
75	0.0018	1.9730	0.9667	0.0050
76	0.0016	1.7521	0.9667	0.0050
77	0.0016	1.7521	0.9667	0.0050
78	0.0002	0.2061	0.9667	0.0050
79	0.0004	0.4270	0.9667	0.0050
80	0.0004	0.4270	0.9667	0.0050
81	-0.0012	-1.3621	0.9765	0.0050
82	-0.0010	-1.1423	0.9765	0.0050
83	-0.0010	-1.1423	0.9765	0.0050
84	-0.0005	-0.5128	0.9819	0.0050
85	0.0009	1.0212	0.9819	0.0050
86	-0.0011	-1.1702	0.9819	0.0050
87	-0.0003	-0.2936	0.9819	0.0050
88	0.0001	0.1446	0.9819	0.0050
89	0.0007	0.8020	0.9819	0.0050
90	0.0009	1.0212	0.9819	0.0050
91	-0.0014	-1.5818	0.9765	0.0050
92	-0.0006	-0.7028	0.9765	0.0050
93	-0.0006	-0.7028	0.9765	0.0050
94	0.0010	1.0896	0.9667	0.0050
95	0.0016	1.7521	0.9667	0.0050
96	0.0016	1.7521	0.9667	0.0050

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
97	0.0000	-0.0147	0.9667	0.0050
98	0.0000	-0.0147	0.9667	0.0050
99	0.0002	0.2061	0.9667	0.0050
100	-0.0022	-2.4608	0.9765	0.0050
101	-0.0022	-2.4608	0.9765	0.0050
102	-0.0022	-2.4608	0.9765	0.0050
103	-0.0009	-0.9511	0.9819	0.0050
104	-0.0009	-0.9511	0.9819	0.0050
105	-0.0007	-0.7319	0.9819	0.0050
106	-0.0007	-0.7319	0.9819	0.0050
107	0.0002	0.2061	0.9667	0.0050
108	0.0002	0.2061	0.9667	0.0050
109	0.0002	0.2061	0.9667	0.0050
110	0.0005	0.5545	0.9583	0.0050
111	-0.0005	-0.5545	0.9583	0.0050
112	0.0003	0.3327	0.9583	0.0050
113	0.0001	0.1109	0.9583	0.0050
114	-0.0013	-1.4418	0.9583	0.0050
115	-0.0013	-1.4418	0.9583	0.0050
116	-0.0018	-2.0024	0.9667	0.0050
117	-0.0018	-2.0024	0.9667	0.0050
118	-0.0018	-2.0024	0.9667	0.0050
119	0.0004	0.4270	0.9667	0.0050
120	0.0006	0.6478	0.9667	0.0050
121	0.0006	0.6478	0.9667	0.0050
122	0.0017	1.8854	0.9583	0.0050
123	0.0019	2.1072	0.9583	0.0050
124	0.0009	0.9982	0.9583	0.0050
125	-0.0009	-0.9982	0.9583	0.0050
126	-0.0011	-1.2200	0.9583	0.0050
127	0.0003	0.3327	0.9583	0.0050
128	-0.0018	-2.0024	0.9667	0.0050
129	-0.0014	-1.5607	0.9667	0.0050
130	-0.0014	-1.5607	0.9667	0.0050
131	0.0003	0.3327	0.9583	0.0050
132	0.0007	0.7764	0.9583	0.0050
133	0.0007	0.7764	0.9583	0.0050
134	-0.0011	-1.2200	0.9583	0.0050
135	-0.0013	-1.4418	0.9583	0.0050
136	-0.0013	-1.4418	0.9583	0.0050
137	-0.0013	-1.4418	0.9583	0.0050
138	-0.0015	-1.6636	0.9583	0.0050
139	-0.0005	-0.5545	0.9583	0.0050
140	0.0013	1.4418	0.9583	0.0050
141	0.0017	1.8854	0.9583	0.0050
142	0.0017	1.8854	0.9583	0.0050
143	0.0009	1.0476	0.9302	0.0051
144	0.0009	1.0476	0.9302	0.0051
145	0.0009	1.0476	0.9302	0.0051
146	0.0010	1.1077	0.9654	0.0050

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
147	0.0008	0.8867	0.9654	0.0050
148	0.0008	0.8867	0.9654	0.0050
149	0.0001	0.1470	0.9302	0.0051
150	0.0001	0.1470	0.9302	0.0051
151	0.0001	0.1470	0.9302	0.0051
152	-0.0002	-0.2183	0.9654	0.0050
153	0.0000	0.0027	0.9654	0.0050
154	0.0000	0.0027	0.9654	0.0050
155	0.0007	0.8224	0.9302	0.0051
156	0.0007	0.8224	0.9302	0.0051
157	0.0007	0.8224	0.9302	0.0051
158	-0.0023	-2.5283	0.9466	0.0051
159	-0.0025	-2.7515	0.9466	0.0051
160	-0.0025	-2.7515	0.9466	0.0051
161	-0.0019	-2.0819	0.9466	0.0051
162	-0.0021	-2.3051	0.9466	0.0051
163	-0.0019	-2.0819	0.9466	0.0051
164	-0.0019	-2.1045	0.9302	0.0051
165	-0.0021	-2.3297	0.9302	0.0051
166	-0.0025	-2.7800	0.9302	0.0051
167	0.0017	1.9354	0.9466	0.0051
168	0.0017	1.9354	0.9466	0.0051
169	0.0017	1.9354	0.9466	0.0051
170	0.0000	0.0172	0.9660	0.0050
171	-0.0002	-0.2037	0.9660	0.0050
172	-0.0002	-0.2037	0.9660	0.0050
173	0.0003	0.3700	0.9850	0.0050
174	0.0001	0.1512	0.9850	0.0050
175	0.0007	0.8076	0.9850	0.0050
176	-0.0003	-0.2864	0.9850	0.0050
177	-0.0007	-0.7240	0.9850	0.0050
178	-0.0005	-0.5052	0.9850	0.0050
179	-0.0006	-0.6456	0.9660	0.0050
180	-0.0014	-1.5293	0.9660	0.0050
181	-0.0014	-1.5293	0.9660	0.0050
182	0.0005	0.5963	0.9466	0.0051
183	0.0003	0.3731	0.9466	0.0051
184	-0.0007	-0.7428	0.9466	0.0051
185	0.0019	2.1586	0.9466	0.0051
186	0.0019	2.1586	0.9466	0.0051
187	0.0019	2.1586	0.9466	0.0051
188	-0.0006	-0.6456	0.9660	0.0050
189	-0.0006	-0.6456	0.9660	0.0050
190	-0.0006	-0.6456	0.9660	0.0050
191	-0.0001	-0.0676	0.9850	0.0050
192	-0.0001	-0.0676	0.9850	0.0050
193	-0.0003	-0.2864	0.9850	0.0050
194	-0.0017	-1.8179	0.9850	0.0050
195	-0.0017	-1.8179	0.9850	0.0050
196	-0.0015	-1.5991	0.9850	0.0050

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
197	-0.0018	-1.9711	0.9660	0.0050
198	-0.0018	-1.9711	0.9660	0.0050
199	-0.0018	-1.9711	0.9660	0.0050
200	0.0001	0.1500	0.9466	0.0051
201	0.0001	0.1500	0.9466	0.0051
202	0.0001	0.1500	0.9466	0.0051
203	0.0008	0.9010	0.9660	0.0050
204	0.0012	1.3428	0.9660	0.0050
205	0.0012	1.3428	0.9660	0.0050
206	-0.0004	-0.4003	0.9614	0.0050
207	-0.0006	-0.6218	0.9614	0.0050
208	-0.0006	-0.6218	0.9614	0.0050
209	0.0006	0.7070	0.9614	0.0050
210	0.0008	0.9285	0.9614	0.0050
211	0.0008	0.9285	0.9614	0.0050
212	0.0016	1.7847	0.9660	0.0050
213	0.0004	0.4591	0.9660	0.0050
214	0.0004	0.4591	0.9660	0.0050
215	0.0008	0.9010	0.9660	0.0050
216	0.0008	0.9010	0.9660	0.0050
217	0.0008	0.9010	0.9660	0.0050
218	-0.0006	-0.6218	0.9614	0.0050
219	-0.0006	-0.6218	0.9614	0.0050
220	-0.0006	-0.6218	0.9614	0.0050
221	0.0004	0.4855	0.9614	0.0050
222	0.0004	0.4855	0.9614	0.0050
223	0.0004	0.4855	0.9614	0.0050
224	0.0020	2.2265	0.9660	0.0050
225	0.0020	2.2265	0.9660	0.0050
226	0.0020	2.2265	0.9660	0.0050
227	-0.0010	-1.0647	0.9614	0.0050
228	-0.0012	-1.2862	0.9614	0.0050
229	-0.0002	-0.1789	0.9614	0.0050
230	-0.0001	-0.0676	0.9850	0.0050
231	-0.0001	-0.0676	0.9850	0.0050
232	-0.0001	-0.0676	0.9850	0.0050
233	0.0007	0.8076	0.9850	0.0050
234	0.0007	0.8076	0.9850	0.0050
235	0.0000	0.0426	0.9614	0.0050
236	0.0000	0.0426	0.9614	0.0050
237	-0.0002	-0.1789	0.9614	0.0050
238	0.0003	0.3700	0.9850	0.0050
239	0.0003	0.3700	0.9850	0.0050
240	0.0003	0.3700	0.9850	0.0050
241	-0.0001	-0.0676	0.9850	0.0050
242	-0.0001	-0.0676	0.9850	0.0050
243	-0.0003	-0.2864	0.9850	0.0050
244	0.0004	0.4855	0.9614	0.0050
245	0.0004	0.4855	0.9614	0.0050
246	0.0004	0.4855	0.9614	0.0050
247	0.0006	0.7070	0.9614	0.0050

Observación de distancias

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
1	0.0015	1.2321	0.9756	0.0066
2	0.0013	1.0719	0.9756	0.0066
3	0.0011	0.9079	0.9756	0.0066
4	0.0017	1.4046	0.9756	0.0066
5	0.0000	0.0007	0.9824	0.0070
6	-0.0004	-0.3209	0.9824	0.0070
7	-0.0004	-0.3487	0.9824	0.0070
8	-0.0004	-0.3302	0.9824	0.0070
9	-0.0005	-0.3580	0.9824	0.0070
10	-0.0005	-0.3580	0.9824	0.0070
11	-0.0005	-0.3858	0.9824	0.0070
12	-0.0005	-0.3858	0.9824	0.0070
13	0.0009	0.7428	0.9756	0.0066
14	0.0009	0.7428	0.9756	0.0066
15	0.0009	0.7440	0.9756	0.0066
16	0.0009	0.7428	0.9756	0.0066
17	-0.0004	-0.3070	0.9824	0.0070
18	-0.0004	-0.3255	0.9824	0.0070
19	-0.0004	-0.3302	0.9824	0.0070
20	0.0007	0.5641	0.9756	0.0066
21	0.0009	0.7366	0.9756	0.0066
22	0.0009	0.7330	0.9756	0.0066
23	0.0009	0.7440	0.9756	0.0066
24	0.0009	0.7428	0.9756	0.0066
25	0.0009	0.7440	0.9756	0.0066
26	-0.0005	-0.3719	0.9824	0.0070
27	-0.0011	-0.8449	0.9824	0.0070
28	-0.0005	-0.3765	0.9824	0.0070
29	0.0009	0.7073	0.9756	0.0066
30	0.0008	0.7040	0.9756	0.0066
31	0.0016	1.3704	0.9756	0.0066
32	0.0008	0.6453	0.9827	0.0069
33	0.0006	0.4479	0.9827	0.0069
34	0.0008	0.6226	0.9827	0.0069
35	-0.0003	-0.2337	0.9827	0.0069
36	-0.0007	-0.5207	0.9827	0.0069
37	-0.0002	-0.1941	0.9827	0.0069
38	0.0010	0.7859	0.9827	0.0069
39	0.0008	0.6339	0.9827	0.0069
40	0.0006	0.4876	0.9827	0.0069
41	0.0010	0.8687	0.9756	0.0066
42	0.0014	1.1981	0.9756	0.0066
43	0.0010	0.8645	0.9756	0.0066
44	0.0016	1.3645	0.9756	0.0066
45	0.0008	0.6956	0.9756	0.0066
46	0.0016	1.3629	0.9756	0.0066

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
47	-0.0001	-0.0421	0.9827	0.0069
48	0.0007	0.5603	0.9827	0.0069
49	0.0005	0.4026	0.9827	0.0069
50	0.0003	0.2639	0.9824	0.0070
51	0.0009	0.7173	0.9824	0.0070
52	0.0005	0.4150	0.9824	0.0070
53	0.0005	0.4201	0.9824	0.0070
54	-0.0002	-0.1485	0.9827	0.0069
55	-0.0010	-0.7974	0.9827	0.0069
56	-0.0006	-0.4821	0.9827	0.0069
57	0.0003	0.2115	0.9667	0.0071
58	0.0003	0.2135	0.9667	0.0071
59	0.0003	0.2105	0.9667	0.0071
60	0.0001	0.0610	0.9667	0.0071
61	-0.0003	-0.2470	0.9667	0.0071
62	0.0003	0.2194	0.9667	0.0071
63	0.0000	-0.0383	0.9827	0.0069
64	-0.0009	-0.7179	0.9827	0.0069
65	-0.0013	-1.0026	0.9827	0.0069
66	0.0000	0.0271	0.9824	0.0070
67	0.0005	0.3544	0.9824	0.0070
68	-0.0001	-0.0989	0.9824	0.0070
69	0.0009	0.6671	0.9824	0.0070
70	0.0011	0.8232	0.9824	0.0070
71	0.0001	0.0476	0.9824	0.0070
72	-0.0002	-0.1912	0.9827	0.0069
73	-0.0011	-0.8939	0.9827	0.0069
74	-0.0011	-0.9000	0.9827	0.0069
75	0.0003	0.2125	0.9667	0.0071
76	0.0003	0.2183	0.9667	0.0071
77	0.0003	0.2176	0.9667	0.0071
78	0.0001	0.0638	0.9667	0.0071
79	0.0001	0.0638	0.9667	0.0071
80	-0.0005	-0.4012	0.9667	0.0071
81	-0.0011	-0.8341	0.9827	0.0069
82	-0.0007	-0.5188	0.9827	0.0069
83	-0.0013	-0.9917	0.9827	0.0069
84	-0.0004	-0.2852	0.9824	0.0070
85	0.0004	0.2790	0.9824	0.0070
86	0.0004	0.3293	0.9824	0.0070
87	0.0005	0.3544	0.9824	0.0070
88	0.0003	0.2439	0.9824	0.0070
89	0.0010	0.8082	0.9824	0.0070
90	0.0003	0.2639	0.9824	0.0070
91	-0.0002	-0.1607	0.9827	0.0069
92	-0.0013	-1.0516	0.9827	0.0069
93	-0.0005	-0.4210	0.9827	0.0069
94	0.0003	0.2089	0.9667	0.0071
95	0.0003	0.2112	0.9667	0.0071
96	0.0003	0.2112	0.9667	0.0071

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
97	0.0003	0.2201	0.9667	0.0071
98	-0.0007	-0.5578	0.9667	0.0071
99	0.0003	0.2180	0.9667	0.0071
100	-0.0017	-1.3179	0.9827	0.0069
101	-0.0005	-0.3720	0.9827	0.0069
102	-0.0001	-0.0934	0.9827	0.0069
103	0.0004	0.3444	0.9824	0.0070
104	0.0004	0.3444	0.9824	0.0070
105	0.0001	0.0522	0.9824	0.0070
106	-0.0001	-0.0888	0.9824	0.0070
107	0.0008	0.6067	0.9667	0.0071
108	0.0000	-0.0145	0.9667	0.0071
109	0.0002	0.1415	0.9667	0.0071
110	-0.0005	-0.3981	0.9583	0.0072
111	0.0003	0.2115	0.9583	0.0072
112	-0.0003	-0.2301	0.9583	0.0072
113	-0.0001	-0.0829	0.9583	0.0072
114	0.0005	0.3507	0.9583	0.0072
115	0.0006	0.4739	0.9583	0.0072
116	-0.0002	-0.1676	0.9667	0.0071
117	-0.0004	-0.3219	0.9667	0.0071
118	0.0000	-0.0102	0.9667	0.0071
119	0.0000	-0.0143	0.9667	0.0071
120	0.0002	0.1418	0.9667	0.0071
121	-0.0002	-0.1687	0.9667	0.0071
122	0.0005	0.3780	0.9583	0.0072
123	0.0001	0.0755	0.9583	0.0072
124	0.0005	0.3780	0.9583	0.0072
125	-0.0004	-0.3262	0.9583	0.0072
126	0.0002	0.1475	0.9583	0.0072
127	-0.0002	-0.1629	0.9583	0.0072
128	-0.0006	-0.4790	0.9667	0.0071
129	-0.0008	-0.6346	0.9667	0.0071
130	-0.0008	-0.6344	0.9667	0.0071
131	0.0003	0.2167	0.9583	0.0072
132	0.0000	0.0386	0.9583	0.0072
133	0.0006	0.5043	0.9583	0.0072
134	-0.0003	-0.2232	0.9583	0.0072
135	-0.0005	-0.3860	0.9583	0.0072
136	-0.0005	-0.3632	0.9583	0.0072
137	-0.0003	-0.2003	0.9583	0.0072
138	-0.0005	-0.3556	0.9583	0.0072
139	-0.0003	-0.2003	0.9583	0.0072
140	-0.0003	-0.2642	0.9583	0.0072
141	0.0001	0.0767	0.9583	0.0072
142	0.0004	0.3415	0.9583	0.0072
143	-0.0004	-0.3559	0.9389	0.0071
144	-0.0004	-0.3559	0.9389	0.0071
145	-0.0006	-0.5158	0.9389	0.0071
146	0.0015	1.1878	0.9293	0.0074

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
147	0.0005	0.4110	0.9293	0.0074
148	0.0013	1.0317	0.9293	0.0074
149	-0.0004	-0.3543	0.9389	0.0071
150	-0.0006	-0.5167	0.9389	0.0071
151	-0.0004	-0.3543	0.9389	0.0071
152	0.0005	0.3979	0.9293	0.0074
153	0.0013	1.0194	0.9293	0.0074
154	0.0007	0.5526	0.9293	0.0074
155	-0.0004	-0.3118	0.9389	0.0071
156	-0.0004	-0.3118	0.9389	0.0071
157	-0.0006	-0.4725	0.9389	0.0071
158	-0.0007	-0.5495	0.9536	0.0068
159	-0.0005	-0.3857	0.9536	0.0068
160	0.0001	0.1069	0.9536	0.0068
161	-0.0009	-0.7082	0.9536	0.0068
162	-0.0009	-0.7078	0.9536	0.0068
163	-0.0009	-0.7078	0.9536	0.0068
164	-0.0006	-0.4738	0.9389	0.0071
165	-0.0004	-0.3144	0.9389	0.0071
166	-0.0004	-0.3144	0.9389	0.0071
167	-0.0001	-0.0437	0.9536	0.0068
168	0.0001	0.1210	0.9536	0.0068
169	-0.0001	-0.0434	0.9536	0.0068
170	-0.0013	-1.0411	0.9714	0.0069
171	-0.0013	-1.0515	0.9714	0.0069
172	-0.0009	-0.7320	0.9714	0.0069
173	0.0008	0.6294	0.9722	0.0073
174	0.0005	0.3469	0.9722	0.0073
175	0.0006	0.4753	0.9722	0.0073
176	0.0008	0.6101	0.9722	0.0073
177	0.0008	0.5995	0.9722	0.0073
178	0.0008	0.5995	0.9722	0.0073
179	-0.0015	-1.2167	0.9714	0.0069
180	-0.0015	-1.2056	0.9714	0.0069
181	-0.0015	-1.2072	0.9714	0.0069
182	-0.0001	-0.0419	0.9536	0.0068
183	-0.0001	-0.0419	0.9536	0.0068
184	-0.0001	-0.0420	0.9536	0.0068
185	-0.0005	-0.3718	0.9536	0.0068
186	-0.0001	-0.0431	0.9536	0.0068
187	-0.0001	-0.0430	0.9536	0.0068
188	-0.0015	-1.1937	0.9714	0.0069
189	-0.0015	-1.2080	0.9714	0.0069
190	-0.0015	-1.2080	0.9714	0.0069
191	0.0008	0.6358	0.9722	0.0073
192	0.0006	0.4817	0.9722	0.0073
193	0.0004	0.3340	0.9722	0.0073
194	0.0008	0.6187	0.9722	0.0073
195	0.0008	0.6251	0.9722	0.0073
196	0.0008	0.6230	0.9722	0.0073

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
197	-0.0015	-1.2048	0.9714	0.0069
198	-0.0015	-1.2033	0.9714	0.0069
199	-0.0019	-1.5243	0.9714	0.0069
200	-0.0001	-0.0412	0.9536	0.0068
201	-0.0001	-0.0412	0.9536	0.0068
202	-0.0001	-0.0418	0.9536	0.0068
203	-0.0005	-0.3664	0.9714	0.0069
204	-0.0005	-0.3821	0.9714	0.0069
205	-0.0007	-0.5419	0.9714	0.0069
206	-0.0015	-1.2397	0.9698	0.0069
207	-0.0017	-1.4083	0.9698	0.0069
208	-0.0018	-1.4121	0.9698	0.0069
209	-0.0013	-1.0859	0.9698	0.0069
210	-0.0011	-0.9235	0.9698	0.0069
211	-0.0017	-1.4058	0.9698	0.0069
212	0.0005	0.4287	0.9714	0.0069
213	-0.0003	-0.2139	0.9714	0.0069
214	-0.0003	-0.2115	0.9714	0.0069
215	-0.0005	-0.3858	0.9714	0.0069
216	-0.0005	-0.3797	0.9714	0.0069
217	-0.0005	-0.3821	0.9714	0.0069
218	-0.0016	-1.2645	0.9698	0.0069
219	-0.0008	-0.6073	0.9698	0.0069
220	-0.0014	-1.0896	0.9698	0.0069
221	-0.0009	-0.7623	0.9698	0.0069
222	-0.0009	-0.7598	0.9698	0.0069
223	-0.0017	-1.4058	0.9698	0.0069
224	0.0001	0.0971	0.9714	0.0069
225	0.0005	0.4177	0.9714	0.0069
226	0.0005	0.4177	0.9714	0.0069
227	-0.0001	-0.1086	0.9698	0.0069
228	-0.0001	-0.1086	0.9698	0.0069
229	-0.0001	-0.1086	0.9698	0.0069
230	0.0012	0.9089	0.9722	0.0073
231	0.0022	1.6688	0.9722	0.0073
232	0.0012	0.9089	0.9722	0.0073
233	0.0016	1.2230	0.9722	0.0073
234	0.0012	0.9165	0.9722	0.0073
235	0.0005	0.3898	0.9698	0.0069
236	-0.0001	-0.0938	0.9698	0.0069
237	-0.0001	-0.0954	0.9698	0.0069
238	0.0010	0.7291	0.9722	0.0073
239	0.0010	0.7316	0.9722	0.0073
240	0.0008	0.5796	0.9722	0.0073
241	0.0010	0.7722	0.9722	0.0073
242	0.0012	0.9267	0.9722	0.0073
243	0.0012	0.9318	0.9722	0.0073
244	-0.0009	-0.7155	0.9698	0.0069
245	-0.0007	-0.5543	0.9698	0.0069
246	-0.0007	-0.5543	0.9698	0.0069
247	-0.0011	-0.8751	0.9698	0.0069

Desplazamientos de coordenadas ajustadas

Punto	dx	dy
101	0.0008	0.0002
102	0.0017	-0.0011
103	0.0087	-0.0092
104	0.0084	-0.0094
105	0.0083	-0.0081
106	0.0089	-0.0097
1000	0.0007	0.0005
1001	0.0016	-0.0016

Elipses de error

Punto	S. mayor	S. menor	Azimut
101	0.0004	0.0001	399.6643
102	0.0010	0.0009	32.1993
103	0.0012	0.0012	19.4833
104	0.0013	0.0012	395.7025
105	0.0013	0.0013	372.3914
106	0.0013	0.0013	388.1066
1000	0.0004	0.0004	379.3615
1001	0.0007	0.0007	24.8449

Coordenadas ajustadas

Punto	X	Y
100	1000.0000	2000.0000
101	1000.0005	2019.2461
102	1212.8404	2181.3860
103	1273.9367	2226.4129
104	1296.9827	2265.0822
105	1351.0082	2299.7921
106	1386.1607	2342.5736
1000	1062.8059	2053.3014
1001	1125.5941	2128.3879

Ajuste de toda la red considerando fijos las coordenadas ajustadas de los pilares de observación.

Observaciones angulares

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
1	0.0008	0.6883	1.0000	0.0049
2	0.0008	0.6883	1.0000	0.0049
3	0.0006	0.5159	1.0000	0.0049
4	0.0008	0.6883	1.0000	0.0049
5	0.0019	1.6648	1.0000	0.0049
6	0.0019	1.6648	1.0000	0.0049
7	0.0019	1.6648	1.0000	0.0049
8	0.0021	1.8372	1.0000	0.0049
9	-0.0003	-0.2309	1.0000	0.0049
10	-0.0003	-0.2309	1.0000	0.0049
11	0.0005	0.4584	1.0000	0.0049
12	0.0005	0.4584	1.0000	0.0049
13	-0.0016	-1.3798	1.0000	0.0049
14	-0.0016	-1.3798	1.0000	0.0049
15	-0.0008	-0.6905	1.0000	0.0049
16	-0.0010	-0.8628	1.0000	0.0049
17	0.0018	1.6677	0.8333	0.0054
18	0.0018	1.6677	0.8333	0.0054
19	0.0018	1.6677	0.8333	0.0054
20	0.0020	1.7804	0.9135	0.0052
21	0.0024	2.1410	0.9135	0.0052
22	0.0026	2.3213	0.9135	0.0052
23	0.0023	2.1133	0.8855	0.0052
24	0.0017	1.5639	0.8855	0.0052
25	0.0021	1.9302	0.8855	0.0052
26	0.0039	3.1823	0.9893	0.0050
27	0.0033	2.8984	0.9893	0.0050
28	0.0033	2.8984	0.9893	0.0050
29	0.0015	1.3390	0.9893	0.0050
30	0.0015	1.3390	0.9893	0.0050
31	0.0015	1.3390	0.9893	0.0050
32	0.0005	0.4650	0.8855	0.0052
33	0.0001	0.0987	0.8855	0.0052
34	0.0005	0.4650	0.8855	0.0052
35	0.0002	0.1576	0.9135	0.0052
36	0.0002	0.1576	0.9135	0.0052
37	0.0004	0.3379	0.9135	0.0052
38	-0.0016	-1.5418	0.8333	0.0054
39	-0.0018	-1.7306	0.8333	0.0054
40	-0.0018	-1.7306	0.8333	0.0054
41	0.0021	1.8372	1.0000	0.0049
42	0.0021	1.8372	1.0000	0.0049
43	0.0021	1.8372	1.0000	0.0049
44	-0.0006	-0.5181	1.0000	0.0049
45	0.0004	0.3436	1.0000	0.0049
46	0.0004	0.3436	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
47	-0.0014	-1.2075	1.0000	0.0049
48	-0.0014	-1.2075	1.0000	0.0049
49	-0.0010	-0.8628	1.0000	0.0049
50	-0.0003	-0.2309	1.0000	0.0049
51	0.0007	0.6308	1.0000	0.0049
52	0.0009	0.8031	1.0000	0.0049
53	0.0008	0.6883	1.0000	0.0049
54	0.0008	0.6883	1.0000	0.0049
55	0.0008	0.6883	1.0000	0.0049
56	0.0006	0.4828	1.0000	0.0049
57	0.0006	0.4828	1.0000	0.0049
58	0.0002	0.1381	1.0000	0.0049
59	-0.0010	-0.8959	1.0000	0.0049
60	-0.0012	-1.0683	1.0000	0.0049
61	-0.0014	-1.2406	1.0000	0.0049
62	0.0013	1.2271	0.8333	0.0054
63	0.0021	1.9823	0.8333	0.0054
64	0.0015	1.4159	0.8333	0.0054
65	0.0007	0.6656	0.8606	0.0053
66	0.0003	0.2941	0.8606	0.0053
67	0.0005	0.4799	0.8606	0.0053
68	0.0005	0.4743	0.8660	0.0053
69	0.0009	0.8447	0.8660	0.0053
70	0.0009	0.8447	0.8660	0.0053
71	0.0019	1.6597	0.9904	0.0050
72	0.0023	2.0061	0.9904	0.0050
73	0.0013	1.1402	0.9904	0.0050
74	-0.0005	-0.4184	0.9904	0.0050
75	-0.0003	-0.2452	0.9904	0.0050
76	-0.0005	-0.4184	0.9904	0.0050
77	-0.0029	-2.6740	0.8660	0.0053
78	-0.0029	-2.6740	0.8660	0.0053
79	-0.0029	-2.6740	0.8660	0.0053
80	-0.0025	-2.3067	0.8606	0.0053
81	-0.0015	-1.3778	0.8606	0.0053
82	-0.0025	-2.3067	0.8606	0.0053
83	-0.0019	-1.7935	0.8333	0.0054
84	-0.0015	-1.4159	0.8333	0.0054
85	-0.0015	-1.4159	0.8333	0.0054
86	0.0008	0.6552	1.0000	0.0049
87	0.0008	0.6552	1.0000	0.0049
88	0.0008	0.6552	1.0000	0.0049
89	0.0004	0.3436	1.0000	0.0049
90	0.0002	0.1713	1.0000	0.0049
91	0.0002	0.1713	1.0000	0.0049
92	-0.0006	-0.5181	1.0000	0.0049
93	-0.0006	-0.5181	1.0000	0.0049
94	-0.0004	-0.3458	1.0000	0.0049
95	-0.0014	-1.2406	1.0000	0.0049
96	-0.0012	-1.0683	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
97	-0.0010	-0.8959	1.0000	0.0049
98	0.0021	1.8372	1.0000	0.0049
99	0.0021	1.8372	1.0000	0.0049
100	0.0019	1.6648	1.0000	0.0049
101	0.0019	1.6648	1.0000	0.0049
102	0.0006	0.4828	1.0000	0.0049
103	0.0008	0.6552	1.0000	0.0049
104	0.0006	0.4828	1.0000	0.0049
105	0.0004	0.3332	1.0000	0.0049
106	0.0002	0.1609	1.0000	0.0049
107	0.0002	0.1609	1.0000	0.0049
108	-0.0010	-0.8732	1.0000	0.0049
109	-0.0010	-0.8732	1.0000	0.0049
110	-0.0010	-0.8732	1.0000	0.0049
111	-0.0014	-1.2406	1.0000	0.0049
112	-0.0018	-1.5853	1.0000	0.0049
113	-0.0020	-1.7576	1.0000	0.0049
114	-0.0015	-1.2650	1.0000	0.0049
115	-0.0005	-0.4033	1.0000	0.0049
116	-0.0007	-0.5756	1.0000	0.0049
117	0.0019	1.6648	1.0000	0.0049
118	0.0019	1.6648	1.0000	0.0049
119	0.0019	1.6648	1.0000	0.0049
120	-0.0004	-0.3789	1.0000	0.0049
121	-0.0004	-0.3789	1.0000	0.0049
122	-0.0004	-0.3789	1.0000	0.0049
123	0.0018	1.5396	1.0000	0.0049
124	0.0016	1.3673	1.0000	0.0049
125	0.0016	1.3673	1.0000	0.0049
126	0.0002	0.1609	1.0000	0.0049
127	0.0004	0.3332	1.0000	0.0049
128	0.0004	0.3332	1.0000	0.0049
129	-0.0012	-1.0683	1.0000	0.0049
130	-0.0010	-0.8959	1.0000	0.0049
131	-0.0010	-0.8959	1.0000	0.0049
132	-0.0005	-0.4033	1.0000	0.0049
133	0.0009	0.8031	1.0000	0.0049
134	-0.0011	-0.9203	1.0000	0.0049
135	-0.0003	-0.2309	1.0000	0.0049
136	-0.0001	-0.1179	0.8490	0.0054
137	-0.0005	-0.4920	0.8490	0.0054
138	0.0003	0.2562	0.8490	0.0054
139	-0.0013	-1.2402	0.8490	0.0054
140	-0.0013	-1.2402	0.8490	0.0054
141	-0.0017	-1.6143	0.8490	0.0054
142	0.0001	0.1137	1.0000	0.0049
143	0.0007	0.6308	1.0000	0.0049
144	0.0009	0.8031	1.0000	0.0049
145	-0.0014	-1.2406	1.0000	0.0049
146	-0.0006	-0.5512	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
147	-0.0006	-0.5512	1.0000	0.0049
148	0.0010	0.8502	1.0000	0.0049
149	0.0016	1.3673	1.0000	0.0049
150	0.0016	1.3673	1.0000	0.0049
151	0.0000	-0.0115	1.0000	0.0049
152	0.0000	-0.0115	1.0000	0.0049
153	0.0002	0.1609	1.0000	0.0049
154	-0.0022	-1.9300	1.0000	0.0049
155	-0.0022	-1.9300	1.0000	0.0049
156	-0.0022	-1.9300	1.0000	0.0049
157	-0.0009	-0.7480	1.0000	0.0049
158	-0.0009	-0.7480	1.0000	0.0049
159	-0.0007	-0.5756	1.0000	0.0049
160	-0.0007	-0.5756	1.0000	0.0049
161	0.0002	0.1609	1.0000	0.0049
162	0.0002	0.1609	1.0000	0.0049
163	0.0002	0.1609	1.0000	0.0049
164	0.0005	0.4309	1.0000	0.0049
165	-0.0005	-0.4309	1.0000	0.0049
166	0.0003	0.2585	1.0000	0.0049
167	0.0001	0.0862	1.0000	0.0049
168	-0.0013	-1.1202	1.0000	0.0049
169	-0.0013	-1.1202	1.0000	0.0049
170	-0.0018	-1.5626	1.0000	0.0049
171	-0.0018	-1.5626	1.0000	0.0049
172	-0.0018	-1.5626	1.0000	0.0049
173	0.0004	0.3332	1.0000	0.0049
174	0.0006	0.5055	1.0000	0.0049
175	0.0006	0.5055	1.0000	0.0049
176	0.0017	1.4649	1.0000	0.0049
177	0.0019	1.6373	1.0000	0.0049
178	0.0009	0.7755	1.0000	0.0049
179	-0.0009	-0.7755	1.0000	0.0049
180	-0.0011	-0.9479	1.0000	0.0049
181	0.0003	0.2585	1.0000	0.0049
182	-0.0018	-1.5626	1.0000	0.0049
183	-0.0014	-1.2179	1.0000	0.0049
184	-0.0014	-1.2179	1.0000	0.0049
185	0.0003	0.2585	1.0000	0.0049
186	0.0007	0.6032	1.0000	0.0049
187	0.0007	0.6032	1.0000	0.0049
188	-0.0011	-0.9479	1.0000	0.0049
189	-0.0013	-1.1202	1.0000	0.0049
190	-0.0013	-1.1202	1.0000	0.0049
191	0.0010	0.9249	0.8000	0.0055
192	0.0018	1.6956	0.8000	0.0055
193	-0.0002	-0.1650	0.9167	0.0052
194	-0.0006	-0.5250	0.9167	0.0052
195	0.0006	0.5550	0.9167	0.0052
196	0.0004	0.3600	0.9167	0.0052

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
197	0.0012	1.0800	0.9167	0.0052
198	-0.0002	-0.1800	0.9167	0.0052
199	-0.0007	-0.6450	0.9167	0.0052
200	-0.0007	-0.6450	0.9167	0.0052
201	-0.0007	-0.6450	0.9167	0.0052
202	-0.0029	-2.6251	0.9167	0.0052
203	-0.0027	-2.4451	0.9167	0.0052
204	-0.0027	-2.4451	0.9167	0.0052
205	-0.0034	-3.0601	0.9167	0.0052
206	-0.0022	-1.9801	0.9167	0.0052
207	-0.0022	-1.9801	0.9167	0.0052
208	-0.0018	-1.6051	0.9167	0.0052
209	-0.0024	-2.1451	0.9167	0.0052
210	-0.0024	-2.1451	0.9167	0.0052
211	-0.0014	-1.3873	0.8000	0.0055
212	-0.0006	-0.6166	0.8000	0.0055
213	-0.0006	-0.6166	0.8000	0.0055
214	-0.0013	-1.1202	1.0000	0.0049
215	-0.0015	-1.2926	1.0000	0.0049
216	-0.0005	-0.4309	1.0000	0.0049
217	0.0013	1.1202	1.0000	0.0049
218	0.0017	1.4649	1.0000	0.0049
219	0.0017	1.4649	1.0000	0.0049
220	0.0032	2.8951	0.9167	0.0052
221	0.0030	2.7151	0.9167	0.0052
222	0.0030	2.7151	0.9167	0.0052
223	0.0026	2.3401	0.9167	0.0052
224	0.0026	2.3401	0.9167	0.0052
225	0.0024	2.1601	0.9167	0.0052
226	0.0035	3.1351	0.9167	0.0052
227	0.0031	2.7751	0.9167	0.0052
228	0.0031	2.7751	0.9167	0.0052
229	0.0009	0.8019	1.0000	0.0049
230	0.0009	0.8019	1.0000	0.0049
231	0.0009	0.8019	1.0000	0.0049
232	0.0010	0.8638	1.0000	0.0049
233	0.0008	0.6915	1.0000	0.0049
234	0.0008	0.6915	1.0000	0.0049
235	-0.0010	-0.8850	0.9167	0.0052
236	-0.0008	-0.7050	0.9167	0.0052
237	-0.0008	-0.7050	0.9167	0.0052
238	-0.0004	-0.3600	0.9167	0.0052
239	-0.0004	-0.3600	0.9167	0.0052
240	-0.0004	-0.3600	0.9167	0.0052
241	0.0003	0.2550	0.9167	0.0052
242	0.0003	0.2550	0.9167	0.0052
243	0.0003	0.2550	0.9167	0.0052
244	0.0001	0.1125	1.0000	0.0049
245	0.0001	0.1125	1.0000	0.0049
246	0.0001	0.1125	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
247	-0.0002	-0.1702	1.0000	0.0049
248	0.0000	0.0021	1.0000	0.0049
249	0.0000	0.0021	1.0000	0.0049
250	0.0007	0.6295	1.0000	0.0049
251	0.0007	0.6295	1.0000	0.0049
252	0.0007	0.6295	1.0000	0.0049
253	-0.0023	-1.9523	1.0000	0.0049
254	-0.0025	-2.1247	1.0000	0.0049
255	-0.0025	-2.1247	1.0000	0.0049
256	0.0013	1.2271	0.8333	0.0054
257	0.0013	1.2271	0.8333	0.0054
258	0.0013	1.2271	0.8333	0.0054
259	0.0006	0.5170	0.8651	0.0053
260	0.0006	0.5170	0.8651	0.0053
261	0.0006	0.5170	0.8651	0.0053
262	-0.0010	-1.0268	0.7238	0.0058
263	-0.0012	-1.2293	0.7238	0.0058
264	-0.0012	-1.2293	0.7238	0.0058
265	0.0020	1.8879	0.8333	0.0054
266	0.0020	1.8879	0.8333	0.0054
267	0.0020	1.8879	0.8333	0.0054
268	-0.0018	-1.6991	0.8333	0.0054
269	-0.0020	-1.8879	0.8333	0.0054
270	-0.0022	-2.0767	0.8333	0.0054
271	-0.0022	-2.0771	0.8651	0.0053
272	-0.0020	-1.8918	0.8651	0.0053
273	-0.0022	-2.0771	0.8651	0.0053
274	-0.0013	-1.2271	0.8333	0.0054
275	-0.0013	-1.2271	0.8333	0.0054
276	-0.0013	-1.2271	0.8333	0.0054
277	-0.0019	-1.6076	1.0000	0.0049
278	-0.0021	-1.7800	1.0000	0.0049
279	-0.0019	-1.6076	1.0000	0.0049
280	-0.0019	-1.6109	1.0000	0.0049
281	-0.0021	-1.7833	1.0000	0.0049
282	-0.0025	-2.1280	1.0000	0.0049
283	0.0017	1.4945	1.0000	0.0049
284	0.0017	1.4945	1.0000	0.0049
285	0.0017	1.4945	1.0000	0.0049
286	0.0000	0.0134	1.0000	0.0049
287	-0.0002	-0.1589	1.0000	0.0049
288	-0.0002	-0.1589	1.0000	0.0049
289	0.0003	0.2914	1.0000	0.0049
290	0.0001	0.1191	1.0000	0.0049
291	0.0007	0.6361	1.0000	0.0049
292	-0.0003	-0.2256	1.0000	0.0049
293	-0.0007	-0.5703	1.0000	0.0049
294	-0.0005	-0.3979	1.0000	0.0049
295	-0.0006	-0.5036	1.0000	0.0049
296	-0.0014	-1.1930	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
297	-0.0014	-1.1930	1.0000	0.0049
298	0.0005	0.4605	1.0000	0.0049
299	0.0003	0.2881	1.0000	0.0049
300	-0.0007	-0.5736	1.0000	0.0049
301	0.0034	3.0320	0.9510	0.0051
302	0.0030	2.6229	0.9464	0.0051
303	0.0026	2.2686	0.9464	0.0051
304	0.0026	2.2686	0.9464	0.0051
305	0.0023	2.1149	0.8417	0.0054
306	0.0023	2.1149	0.8417	0.0054
307	0.0013	1.1756	0.8417	0.0054
308	0.0018	1.7306	0.8333	0.0054
309	0.0014	1.3530	0.8333	0.0054
310	0.0014	1.3530	0.8333	0.0054
311	0.0009	0.7879	0.9836	0.0050
312	0.0007	0.6141	0.9836	0.0050
313	0.0007	0.6141	0.9836	0.0050
314	-0.0021	-1.8187	0.9836	0.0050
315	-0.0019	-1.6450	0.9836	0.0050
316	-0.0019	-1.6450	0.9836	0.0050
317	-0.0020	-1.8565	0.8333	0.0054
318	-0.0014	-1.2901	0.8333	0.0054
319	-0.0014	-1.2901	0.8333	0.0054
320	-0.0019	-1.8301	0.8417	0.0054
321	-0.0029	-2.7694	0.8417	0.0054
322	-0.0015	-1.4544	0.8417	0.0054
323	0.0002	0.1426	0.9464	0.0051
324	0.0008	0.6741	0.9464	0.0051
325	0.0006	0.4970	0.9464	0.0051
326	0.0020	1.7949	0.9510	0.0051
327	0.0014	1.2647	0.9510	0.0051
328	0.0014	1.2647	0.9510	0.0051
329	0.0019	1.6669	1.0000	0.0049
330	0.0019	1.6669	1.0000	0.0049
331	0.0019	1.6669	1.0000	0.0049
332	-0.0006	-0.5036	1.0000	0.0049
333	-0.0006	-0.5036	1.0000	0.0049
334	-0.0006	-0.5036	1.0000	0.0049
335	-0.0001	-0.0532	1.0000	0.0049
336	-0.0001	-0.0532	1.0000	0.0049
337	-0.0003	-0.2256	1.0000	0.0049
338	-0.0017	-1.4320	1.0000	0.0049
339	-0.0017	-1.4320	1.0000	0.0049
340	-0.0015	-1.2596	1.0000	0.0049
341	-0.0018	-1.5376	1.0000	0.0049
342	-0.0018	-1.5376	1.0000	0.0049
343	-0.0018	-1.5376	1.0000	0.0049
344	0.0001	0.1158	1.0000	0.0049
345	0.0001	0.1158	1.0000	0.0049
346	0.0001	0.1158	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
347	0.0008	0.7028	1.0000	0.0049
348	0.0012	1.0475	1.0000	0.0049
349	0.0012	1.0475	1.0000	0.0049
350	-0.0004	-0.3115	1.0000	0.0049
351	-0.0006	-0.4839	1.0000	0.0049
352	-0.0006	-0.4839	1.0000	0.0049
353	0.0006	0.5502	1.0000	0.0049
354	0.0008	0.7225	1.0000	0.0049
355	0.0008	0.7225	1.0000	0.0049
356	0.0016	1.3922	1.0000	0.0049
357	0.0004	0.3581	1.0000	0.0049
358	0.0004	0.3581	1.0000	0.0049
359	0.0015	1.3421	0.9773	0.0050
360	0.0009	0.8191	0.9773	0.0050
361	0.0005	0.4704	0.9773	0.0050
362	0.0000	0.0315	0.8333	0.0054
363	-0.0002	-0.1573	0.8333	0.0054
364	0.0000	0.0315	0.8333	0.0054
365	0.0005	0.4463	0.8394	0.0054
366	0.0001	0.0701	0.8394	0.0054
367	0.0003	0.2582	0.8394	0.0054
368	0.0015	1.3476	0.9683	0.0050
369	0.0013	1.1725	0.9683	0.0050
370	0.0013	1.1725	0.9683	0.0050
371	0.0008	0.6965	0.9700	0.0050
372	0.0008	0.6965	0.9700	0.0050
373	0.0002	0.1716	0.9700	0.0050
374	0.0012	1.0465	0.9700	0.0050
375	0.0010	0.8715	0.9700	0.0050
376	0.0024	2.0965	0.9700	0.0050
377	0.0004	0.3466	0.9700	0.0050
378	0.0009	0.8222	0.9683	0.0050
379	0.0013	1.1725	0.9683	0.0050
380	0.0013	1.1725	0.9683	0.0050
381	-0.0001	-0.1181	0.8394	0.0054
382	0.0003	0.2582	0.8394	0.0054
383	0.0001	0.0701	0.8394	0.0054
384	0.0002	0.2203	0.8333	0.0054
385	-0.0004	-0.3461	0.8333	0.0054
386	0.0002	0.2203	0.8333	0.0054
387	0.0013	1.1678	0.9773	0.0050
388	0.0007	0.6448	0.9773	0.0050
389	0.0013	1.1678	0.9773	0.0050
390	0.0009	0.8191	0.9773	0.0050
391	0.0008	0.7028	1.0000	0.0049
392	0.0008	0.7028	1.0000	0.0049
393	0.0008	0.7028	1.0000	0.0049
394	-0.0006	-0.4839	1.0000	0.0049
395	-0.0006	-0.4839	1.0000	0.0049
396	-0.0006	-0.4839	1.0000	0.0049

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
397	0.0004	0.3778	1.0000	0.0049
398	0.0004	0.3778	1.0000	0.0049
399	0.0004	0.3778	1.0000	0.0049
400	0.0020	1.7369	1.0000	0.0049
401	0.0020	1.7369	1.0000	0.0049
402	0.0020	1.7369	1.0000	0.0049
403	-0.0010	-0.8286	1.0000	0.0049
404	-0.0012	-1.0009	1.0000	0.0049
405	-0.0002	-0.1392	1.0000	0.0049
406	-0.0001	-0.0532	1.0000	0.0049
407	-0.0001	-0.0532	1.0000	0.0049
408	-0.0001	-0.0532	1.0000	0.0049
409	0.0007	0.6361	1.0000	0.0049
410	0.0007	0.6361	1.0000	0.0049
411	-0.0002	-0.1990	0.7500	0.0057
412	0.0000	0.0000	0.7500	0.0057
413	0.0000	0.0000	0.7500	0.0057
414	-0.0003	-0.3145	0.8361	0.0054
415	-0.0005	-0.5029	0.8361	0.0054
416	-0.0005	-0.5029	0.8361	0.0054
417	0.0003	0.2682	0.8672	0.0053
418	0.0003	0.2682	0.8672	0.0053
419	0.0003	0.2682	0.8672	0.0053
420	-0.0002	-0.2203	0.8333	0.0054
421	-0.0002	-0.2203	0.8333	0.0054
422	-0.0002	-0.2203	0.8333	0.0054
423	0.0004	0.3461	0.8333	0.0054
424	0.0002	0.1573	0.8333	0.0054
425	0.0002	0.1573	0.8333	0.0054
426	-0.0013	-1.2124	0.8672	0.0053
427	-0.0013	-1.2124	0.8672	0.0053
428	-0.0013	-1.2124	0.8672	0.0053
429	-0.0001	-0.1260	0.8361	0.0054
430	-0.0001	-0.1260	0.8361	0.0054
431	0.0003	0.2510	0.8361	0.0054
432	0.0002	0.1990	0.7500	0.0057
433	0.0000	0.0332	1.0000	0.0049
434	0.0000	0.0332	1.0000	0.0049
435	-0.0002	-0.1392	1.0000	0.0049
436	0.0003	0.2914	1.0000	0.0049
437	0.0003	0.2914	1.0000	0.0049
438	0.0003	0.2914	1.0000	0.0049
439	-0.0001	-0.0532	1.0000	0.0049
440	-0.0001	-0.0532	1.0000	0.0049
441	-0.0003	-0.2256	1.0000	0.0049
442	0.0004	0.3778	1.0000	0.0049
443	0.0004	0.3778	1.0000	0.0049
444	0.0004	0.3778	1.0000	0.0049
445	0.0006	0.5502	1.0000	0.0049

Observación de distancias

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
1	0.0015	0.9659	1.0000	0.0065
2	0.0013	0.8403	1.0000	0.0065
3	0.0011	0.7118	1.0000	0.0065
4	0.0017	1.1011	1.0000	0.0065
5	0.0000	0.0005	1.0000	0.0069
6	-0.0004	-0.2524	1.0000	0.0069
7	-0.0004	-0.2743	1.0000	0.0069
8	-0.0004	-0.2597	1.0000	0.0069
9	-0.0005	-0.2816	1.0000	0.0069
10	-0.0005	-0.2816	1.0000	0.0069
11	-0.0005	-0.3035	1.0000	0.0069
12	-0.0005	-0.3035	1.0000	0.0069
13	0.0009	0.5823	1.0000	0.0065
14	0.0009	0.5823	1.0000	0.0065
15	0.0009	0.5833	1.0000	0.0065
16	0.0009	0.5823	1.0000	0.0065
17	-0.0004	-0.2709	0.8333	0.0071
18	-0.0007	-0.4814	0.8333	0.0071
19	-0.0010	-0.6930	0.8333	0.0071
20	-0.0010	-0.6409	0.9503	0.0068
21	-0.0008	-0.5106	0.9503	0.0068
22	-0.0011	-0.7078	0.9503	0.0068
23	-0.0029	-1.8848	0.9600	0.0067
24	-0.0030	-1.9817	0.9600	0.0067
25	-0.0028	-1.8520	0.9600	0.0067
26	-0.0012	-0.7503	0.9520	0.0072
27	-0.0010	-0.6157	0.9520	0.0072
28	-0.0022	-1.3672	0.9520	0.0072
29	-0.0017	-1.0303	0.9520	0.0072
30	-0.0017	-1.0754	0.9520	0.0072
31	-0.0020	-1.2100	0.9520	0.0072
32	-0.0014	-0.9454	0.9600	0.0067
33	-0.0020	-1.3456	0.9600	0.0067
34	-0.0013	-0.8266	0.9600	0.0067
35	-0.0032	-2.1223	0.9503	0.0068
36	-0.0028	-1.8171	0.9503	0.0068
37	-0.0031	-2.0665	0.9503	0.0068
38	0.0014	1.0402	0.8333	0.0071
39	0.0004	0.2938	0.8333	0.0071
40	0.0002	0.1112	0.8333	0.0071
41	-0.0004	-0.2415	1.0000	0.0069
42	-0.0004	-0.2561	1.0000	0.0069
43	-0.0004	-0.2597	1.0000	0.0069
44	0.0007	0.4422	1.0000	0.0065
45	0.0009	0.5775	1.0000	0.0065
46	0.0009	0.5746	1.0000	0.0065

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
47	0.0009	0.5833	1.0000	0.0065
48	0.0009	0.5823	1.0000	0.0065
49	0.0009	0.5833	1.0000	0.0065
50	-0.0005	-0.2925	1.0000	0.0069
51	-0.0011	-0.6647	1.0000	0.0069
52	-0.0005	-0.2962	1.0000	0.0069
53	0.0009	0.5545	1.0000	0.0065
54	0.0008	0.5519	1.0000	0.0065
55	0.0016	1.0743	1.0000	0.0065
56	0.0008	0.5077	1.0000	0.0069
57	0.0006	0.3524	1.0000	0.0069
58	0.0008	0.4898	1.0000	0.0069
59	-0.0003	-0.1839	1.0000	0.0069
60	-0.0007	-0.4097	1.0000	0.0069
61	-0.0002	-0.1527	1.0000	0.0069
62	-0.0008	-0.5597	0.8333	0.0072
63	-0.0009	-0.6337	0.8333	0.0072
64	-0.0009	-0.6485	0.8333	0.0072
65	-0.0006	-0.3901	0.9422	0.0067
66	-0.0010	-0.6725	0.9422	0.0067
67	-0.0016	-1.0596	0.9422	0.0067
68	-0.0023	-1.5117	0.9551	0.0067
69	-0.0038	-2.5352	0.9551	0.0067
70	-0.0021	-1.4179	0.9551	0.0067
71	-0.0018	-1.1212	0.9475	0.0072
72	-0.0026	-1.6201	0.9475	0.0072
73	-0.0029	-1.7931	0.9475	0.0072
74	0.0015	0.9178	0.9475	0.0072
75	0.0011	0.6926	0.9475	0.0072
76	0.0006	0.3669	0.9475	0.0072
77	0.0012	0.8050	0.9551	0.0067
78	0.0010	0.6399	0.9551	0.0067
79	0.0010	0.6637	0.9551	0.0067
80	0.0004	0.2377	0.9422	0.0067
81	0.0007	0.4836	0.9422	0.0067
82	0.0007	0.4836	0.9422	0.0067
83	0.0011	0.7866	0.8333	0.0072
84	0.0008	0.5425	0.8333	0.0072
85	0.0007	0.5128	0.8333	0.0072
86	0.0010	0.6183	1.0000	0.0069
87	0.0008	0.4988	1.0000	0.0069
88	0.0006	0.3836	1.0000	0.0069
89	0.0010	0.6810	1.0000	0.0065
90	0.0014	0.9393	1.0000	0.0065
91	0.0010	0.6777	1.0000	0.0065
92	0.0016	1.0697	1.0000	0.0065
93	0.0008	0.5453	1.0000	0.0065
94	0.0016	1.0684	1.0000	0.0065
95	-0.0001	-0.0331	1.0000	0.0069
96	0.0007	0.4408	1.0000	0.0069

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
97	0.0005	0.3168	1.0000	0.0069
98	0.0003	0.2076	1.0000	0.0069
99	0.0009	0.5642	1.0000	0.0069
100	0.0005	0.3265	1.0000	0.0069
101	0.0005	0.3304	1.0000	0.0069
102	-0.0002	-0.1168	1.0000	0.0069
103	-0.0010	-0.6274	1.0000	0.0069
104	-0.0006	-0.3793	1.0000	0.0069
105	0.0003	0.1651	1.0000	0.0070
106	0.0003	0.1666	1.0000	0.0070
107	0.0003	0.1643	1.0000	0.0070
108	0.0001	0.0476	1.0000	0.0070
109	-0.0003	-0.1927	1.0000	0.0070
110	0.0003	0.1712	1.0000	0.0070
111	0.0000	-0.0301	1.0000	0.0069
112	-0.0009	-0.5648	1.0000	0.0069
113	-0.0013	-0.7888	1.0000	0.0069
114	0.0000	0.0213	1.0000	0.0069
115	0.0005	0.2788	1.0000	0.0069
116	-0.0001	-0.0778	1.0000	0.0069
117	0.0009	0.5248	1.0000	0.0069
118	0.0011	0.6476	1.0000	0.0069
119	0.0001	0.0374	1.0000	0.0069
120	-0.0002	-0.1505	1.0000	0.0069
121	-0.0011	-0.7033	1.0000	0.0069
122	-0.0011	-0.7081	1.0000	0.0069
123	0.0003	0.1658	1.0000	0.0070
124	0.0003	0.1704	1.0000	0.0070
125	0.0003	0.1698	1.0000	0.0070
126	0.0001	0.0498	1.0000	0.0070
127	0.0001	0.0498	1.0000	0.0070
128	-0.0005	-0.3131	1.0000	0.0070
129	-0.0011	-0.6562	1.0000	0.0069
130	-0.0007	-0.4082	1.0000	0.0069
131	-0.0013	-0.7803	1.0000	0.0069
132	-0.0004	-0.2243	1.0000	0.0069
133	0.0004	0.2195	1.0000	0.0069
134	0.0004	0.2590	1.0000	0.0069
135	0.0005	0.2788	1.0000	0.0069
136	-0.0007	-0.4888	0.9385	0.0068
137	-0.0007	-0.4888	0.9385	0.0068
138	-0.0010	-0.6452	0.9385	0.0068
139	0.0031	2.0545	0.9385	0.0068
140	0.0020	1.3607	0.9385	0.0068
141	0.0026	1.7578	0.9385	0.0068
142	0.0003	0.1918	1.0000	0.0069
143	0.0010	0.6358	1.0000	0.0069
144	0.0003	0.2076	1.0000	0.0069
145	-0.0002	-0.1264	1.0000	0.0069
146	-0.0013	-0.8274	1.0000	0.0069

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
147	-0.0005	-0.3312	1.0000	0.0069
148	0.0003	0.1630	1.0000	0.0070
149	0.0003	0.1648	1.0000	0.0070
150	0.0003	0.1648	1.0000	0.0070
151	0.0003	0.1717	1.0000	0.0070
152	-0.0007	-0.4353	1.0000	0.0070
153	0.0003	0.1701	1.0000	0.0070
154	-0.0017	-1.0369	1.0000	0.0069
155	-0.0005	-0.2927	1.0000	0.0069
156	-0.0001	-0.0735	1.0000	0.0069
157	0.0004	0.2709	1.0000	0.0069
158	0.0004	0.2709	1.0000	0.0069
159	0.0001	0.0411	1.0000	0.0069
160	-0.0001	-0.0698	1.0000	0.0069
161	0.0008	0.4734	1.0000	0.0070
162	0.0000	-0.0113	1.0000	0.0070
163	0.0002	0.1104	1.0000	0.0070
164	-0.0005	-0.3093	1.0000	0.0071
165	0.0003	0.1644	1.0000	0.0071
166	-0.0003	-0.1788	1.0000	0.0071
167	-0.0001	-0.0644	1.0000	0.0071
168	0.0005	0.2725	1.0000	0.0071
169	0.0006	0.3682	1.0000	0.0071
170	-0.0002	-0.1308	1.0000	0.0070
171	-0.0004	-0.2512	1.0000	0.0070
172	0.0000	-0.0080	1.0000	0.0070
173	0.0000	-0.0112	1.0000	0.0070
174	0.0002	0.1106	1.0000	0.0070
175	-0.0002	-0.1317	1.0000	0.0070
176	0.0005	0.2937	1.0000	0.0071
177	0.0001	0.0587	1.0000	0.0071
178	0.0005	0.2937	1.0000	0.0071
179	-0.0004	-0.2534	1.0000	0.0071
180	0.0002	0.1146	1.0000	0.0071
181	-0.0002	-0.1266	1.0000	0.0071
182	-0.0006	-0.3738	1.0000	0.0070
183	-0.0008	-0.4952	1.0000	0.0070
184	-0.0008	-0.4950	1.0000	0.0070
185	0.0003	0.1684	1.0000	0.0071
186	0.0000	0.0300	1.0000	0.0071
187	0.0006	0.3918	1.0000	0.0071
188	-0.0003	-0.1734	1.0000	0.0071
189	-0.0005	-0.2999	1.0000	0.0071
190	-0.0005	-0.2822	1.0000	0.0071
191	-0.0006	-0.4204	0.8000	0.0079
192	-0.0012	-0.8087	0.8000	0.0079
193	-0.0017	-1.1549	0.9167	0.0069
194	-0.0008	-0.5387	0.9167	0.0069
195	-0.0002	-0.1486	0.9167	0.0069
196	-0.0018	-1.1816	0.9167	0.0069

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
197	-0.0019	-1.3119	0.9167	0.0069
198	-0.0018	-1.1816	0.9167	0.0069
199	-0.0006	-0.3743	0.9167	0.0070
200	-0.0004	-0.2433	0.9167	0.0070
201	-0.0007	-0.4666	0.9167	0.0070
202	0.0004	0.2572	0.9167	0.0070
203	0.0006	0.3883	0.9167	0.0070
204	0.0006	0.3883	0.9167	0.0070
205	0.0022	1.4520	0.9167	0.0069
206	0.0023	1.5490	0.9167	0.0069
207	0.0023	1.5490	0.9167	0.0069
208	0.0011	0.7669	0.9167	0.0069
209	-0.0003	-0.2055	0.9167	0.0069
210	-0.0004	-0.2845	0.9167	0.0069
211	0.0006	0.4333	0.8000	0.0079
212	0.0011	0.7510	0.8000	0.0079
213	0.0001	0.0449	0.8000	0.0079
214	-0.0003	-0.1557	1.0000	0.0071
215	-0.0005	-0.2763	1.0000	0.0071
216	-0.0003	-0.1557	1.0000	0.0071
217	-0.0003	-0.2053	1.0000	0.0071
218	0.0001	0.0596	1.0000	0.0071
219	0.0004	0.2653	1.0000	0.0071
220	0.0015	1.0328	0.9167	0.0069
221	0.0015	0.9988	0.9167	0.0069
222	0.0015	0.9988	0.9167	0.0069
223	-0.0012	-0.7804	0.9167	0.0069
224	-0.0015	-1.0410	0.9167	0.0069
225	-0.0015	-1.0410	0.9167	0.0069
226	0.0009	0.5686	0.9167	0.0070
227	0.0007	0.4376	0.9167	0.0070
228	0.0007	0.4376	0.9167	0.0070
229	-0.0004	-0.2737	1.0000	0.0069
230	-0.0004	-0.2737	1.0000	0.0069
231	-0.0006	-0.3967	1.0000	0.0069
232	0.0015	0.9088	1.0000	0.0072
233	0.0005	0.3144	1.0000	0.0072
234	0.0013	0.7894	1.0000	0.0072
235	-0.0007	-0.4884	0.9167	0.0069
236	-0.0007	-0.4884	0.9167	0.0069
237	-0.0007	-0.4884	0.9167	0.0069
238	0.0011	0.7272	0.9167	0.0069
239	0.0009	0.6302	0.9167	0.0069
240	0.0009	0.6302	0.9167	0.0069
241	-0.0009	-0.5955	0.9167	0.0070
242	-0.0003	-0.2153	0.9167	0.0070
243	-0.0009	-0.5826	0.9167	0.0070
244	-0.0004	-0.2725	1.0000	0.0069
245	-0.0006	-0.3973	1.0000	0.0069
246	-0.0004	-0.2725	1.0000	0.0069

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
247	0.0005	0.3044	1.0000	0.0072
248	0.0013	0.7799	1.0000	0.0072
249	0.0007	0.4228	1.0000	0.0072
250	-0.0004	-0.2398	1.0000	0.0069
251	-0.0004	-0.2398	1.0000	0.0069
252	-0.0006	-0.3634	1.0000	0.0069
253	-0.0007	-0.4259	1.0000	0.0067
254	-0.0005	-0.2989	1.0000	0.0067
255	0.0001	0.0828	1.0000	0.0067
256	0.0002	0.1044	0.8333	0.0074
257	0.0002	0.1044	0.8333	0.0074
258	0.0002	0.1044	0.8333	0.0074
259	-0.0023	-1.5457	0.8966	0.0072
260	-0.0013	-0.8721	0.8966	0.0072
261	-0.0021	-1.3973	0.8966	0.0072
262	-0.0005	-0.3785	0.8924	0.0069
263	-0.0005	-0.3785	0.8924	0.0069
264	-0.0005	-0.3660	0.8924	0.0069
265	0.0005	0.3734	0.8333	0.0072
266	0.0007	0.4987	0.8333	0.0072
267	0.0005	0.3603	0.8333	0.0072
268	-0.0003	-0.2262	0.8333	0.0072
269	-0.0003	-0.2262	0.8333	0.0072
270	-0.0011	-0.7800	0.8333	0.0072
271	0.0018	1.1723	0.8966	0.0072
272	0.0013	0.8756	0.8966	0.0072
273	0.0010	0.6300	0.8966	0.0072
274	-0.0001	-0.0925	0.8333	0.0074
275	-0.0001	-0.0925	0.8333	0.0074
276	-0.0002	-0.1283	0.8333	0.0074
277	-0.0009	-0.5489	1.0000	0.0067
278	-0.0009	-0.5486	1.0000	0.0067
279	-0.0009	-0.5486	1.0000	0.0067
280	-0.0006	-0.3644	1.0000	0.0069
281	-0.0004	-0.2418	1.0000	0.0069
282	-0.0004	-0.2418	1.0000	0.0069
283	-0.0001	-0.0339	1.0000	0.0067
284	0.0001	0.0937	1.0000	0.0067
285	-0.0001	-0.0337	1.0000	0.0067
286	-0.0013	-0.8144	1.0000	0.0068
287	-0.0013	-0.8225	1.0000	0.0068
288	-0.0009	-0.5726	1.0000	0.0068
289	0.0008	0.4925	1.0000	0.0072
290	0.0005	0.2715	1.0000	0.0072
291	0.0006	0.3719	1.0000	0.0072
292	0.0008	0.4775	1.0000	0.0072
293	0.0008	0.4691	1.0000	0.0072
294	0.0008	0.4691	1.0000	0.0072
295	-0.0015	-0.9518	1.0000	0.0068
296	-0.0015	-0.9431	1.0000	0.0068

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
297	-0.0015	-0.9444	1.0000	0.0068
298	-0.0001	-0.0324	1.0000	0.0067
299	-0.0001	-0.0324	1.0000	0.0067
300	-0.0001	-0.0325	1.0000	0.0067
301	0.0003	0.2009	0.9066	0.0074
302	-0.0001	-0.0791	0.9122	0.0071
303	-0.0003	-0.2214	0.9122	0.0071
304	-0.0002	-0.1511	0.9122	0.0071
305	0.0034	2.3395	0.9202	0.0068
306	0.0034	2.3140	0.9202	0.0068
307	0.0034	2.3268	0.9202	0.0068
308	-0.0010	-0.7011	0.8333	0.0072
309	-0.0012	-0.8398	0.8333	0.0072
310	-0.0004	-0.2849	0.8333	0.0072
311	-0.0023	-1.4706	0.9308	0.0072
312	-0.0025	-1.6222	0.9308	0.0072
313	-0.0027	-1.7376	0.9308	0.0072
314	-0.0006	-0.3899	0.9308	0.0072
315	-0.0006	-0.3658	0.9308	0.0072
316	-0.0006	-0.3899	0.9308	0.0072
317	0.0015	1.0620	0.8333	0.0072
318	0.0005	0.3284	0.8333	0.0072
319	0.0006	0.4353	0.8333	0.0072
320	0.0015	1.0274	0.9202	0.0068
321	0.0014	0.9241	0.9202	0.0068
322	0.0014	0.9241	0.9202	0.0068
323	-0.0017	-1.1008	0.9122	0.0071
324	-0.0020	-1.3254	0.9122	0.0071
325	-0.0018	-1.1951	0.9122	0.0071
326	-0.0001	-0.0571	0.9066	0.0074
327	-0.0001	-0.0735	0.9066	0.0074
328	-0.0007	-0.4528	0.9066	0.0074
329	-0.0005	-0.2882	1.0000	0.0067
330	-0.0001	-0.0334	1.0000	0.0067
331	-0.0001	-0.0334	1.0000	0.0067
332	-0.0015	-0.9338	1.0000	0.0068
333	-0.0015	-0.9450	1.0000	0.0068
334	-0.0015	-0.9450	1.0000	0.0068
335	0.0008	0.4976	1.0000	0.0072
336	0.0006	0.3770	1.0000	0.0072
337	0.0004	0.2614	1.0000	0.0072
338	0.0008	0.4842	1.0000	0.0072
339	0.0008	0.4892	1.0000	0.0072
340	0.0008	0.4875	1.0000	0.0072
341	-0.0015	-0.9425	1.0000	0.0068
342	-0.0015	-0.9413	1.0000	0.0068
343	-0.0019	-1.1924	1.0000	0.0068
344	-0.0001	-0.0319	1.0000	0.0067
345	-0.0001	-0.0319	1.0000	0.0067
346	-0.0001	-0.0324	1.0000	0.0067

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
347	-0.0005	-0.2866	1.0000	0.0068
348	-0.0005	-0.2989	1.0000	0.0068
349	-0.0007	-0.4239	1.0000	0.0068
350	-0.0015	-0.9689	1.0000	0.0068
351	-0.0017	-1.1007	1.0000	0.0068
352	-0.0018	-1.1036	1.0000	0.0068
353	-0.0013	-0.8487	1.0000	0.0068
354	-0.0011	-0.7218	1.0000	0.0068
355	-0.0017	-1.0988	1.0000	0.0068
356	0.0005	0.3353	1.0000	0.0068
357	-0.0003	-0.1673	1.0000	0.0068
358	-0.0003	-0.1654	1.0000	0.0068
359	-0.0036	-2.3118	0.9412	0.0071
360	-0.0027	-1.7337	0.9412	0.0071
361	-0.0027	-1.7005	0.9412	0.0071
362	-0.0013	-0.9236	0.8333	0.0072
363	-0.0015	-1.0626	0.8333	0.0072
364	-0.0015	-1.0876	0.8333	0.0072
365	0.0007	0.5081	0.9129	0.0068
366	0.0003	0.2263	0.9129	0.0068
367	0.0008	0.5202	0.9129	0.0068
368	-0.0030	-1.9457	0.9425	0.0070
369	-0.0020	-1.2812	0.9425	0.0070
370	-0.0020	-1.3153	0.9425	0.0070
371	-0.0010	-0.6069	0.9279	0.0073
372	-0.0001	-0.0910	0.9279	0.0073
373	-0.0003	-0.2160	0.9279	0.0073
374	0.0001	0.0819	0.9279	0.0073
375	0.0010	0.5978	0.9279	0.0073
376	0.0008	0.5047	0.9279	0.0073
377	0.0002	0.1138	0.9279	0.0073
378	-0.0022	-1.3869	0.9425	0.0070
379	-0.0018	-1.1302	0.9425	0.0070
380	-0.0018	-1.1529	0.9425	0.0070
381	0.0017	1.1762	0.9129	0.0068
382	0.0017	1.1883	0.9129	0.0068
383	0.0009	0.5928	0.9129	0.0068
384	0.0017	1.2224	0.8333	0.0072
385	0.0017	1.2100	0.8333	0.0072
386	0.0009	0.6414	0.8333	0.0072
387	-0.0005	-0.3005	0.9412	0.0071
388	-0.0013	-0.8184	0.9412	0.0071
389	-0.0007	-0.4715	0.9412	0.0071
390	-0.0009	-0.5871	0.9412	0.0071
391	-0.0005	-0.3018	1.0000	0.0068
392	-0.0005	-0.2970	1.0000	0.0068
393	-0.0005	-0.2989	1.0000	0.0068
394	-0.0016	-0.9883	1.0000	0.0068
395	-0.0008	-0.4746	1.0000	0.0068
396	-0.0014	-0.8517	1.0000	0.0068

Observ.	Residuo	Test Baarda	Nº redund.	Mín. E. det
397	-0.0009	-0.5958	1.0000	0.0068
398	-0.0009	-0.5938	1.0000	0.0068
399	-0.0017	-1.0988	1.0000	0.0068
400	0.0001	0.0759	1.0000	0.0068
401	0.0005	0.3268	1.0000	0.0068
402	0.0005	0.3268	1.0000	0.0068
403	-0.0001	-0.0848	1.0000	0.0068
404	-0.0001	-0.0848	1.0000	0.0068
405	-0.0001	-0.0848	1.0000	0.0068
406	0.0012	0.7113	1.0000	0.0072
407	0.0022	1.3059	1.0000	0.0072
408	0.0012	0.7113	1.0000	0.0072
409	0.0016	0.9571	1.0000	0.0072
410	0.0012	0.7172	1.0000	0.0072
411	0.0004	0.2801	0.7500	0.0077
412	0.0004	0.2801	0.7500	0.0077
413	0.0000	-0.0249	0.7500	0.0077
414	-0.0001	-0.0463	0.9198	0.0067
415	-0.0003	-0.2091	0.9198	0.0067
416	0.0002	0.1599	0.9198	0.0067
417	-0.0011	-0.7583	0.9186	0.0070
418	-0.0012	-0.7740	0.9186	0.0070
419	-0.0012	-0.7740	0.9186	0.0070
420	0.0006	0.3985	0.8333	0.0073
421	0.0004	0.2610	0.8333	0.0073
422	0.0003	0.2175	0.8333	0.0073
423	-0.0007	-0.4756	0.8333	0.0073
424	-0.0001	-0.0632	0.8333	0.0073
425	-0.0005	-0.3381	0.8333	0.0073
426	0.0003	0.2046	0.9186	0.0070
427	0.0003	0.2046	0.9186	0.0070
428	0.0009	0.5815	0.9186	0.0070
429	0.0016	1.0825	0.9198	0.0067
430	0.0012	0.8220	0.9198	0.0067
431	0.0013	0.9197	0.9198	0.0067
432	-0.0007	-0.5352	0.7500	0.0077
433	0.0005	0.3047	1.0000	0.0068
434	-0.0001	-0.0733	1.0000	0.0068
435	-0.0001	-0.0746	1.0000	0.0068
436	0.0010	0.5706	1.0000	0.0072
437	0.0010	0.5725	1.0000	0.0072
438	0.0008	0.4536	1.0000	0.0072
439	0.0010	0.6043	1.0000	0.0072
440	0.0012	0.7252	1.0000	0.0072
441	0.0012	0.7292	1.0000	0.0072
442	-0.0009	-0.5593	1.0000	0.0068
443	-0.0007	-0.4333	1.0000	0.0068
444	-0.0007	-0.4333	1.0000	0.0068
445	-0.0011	-0.6840	1.0000	0.0068

Desplazamientos de coordenadas ajustadas

Punto	dx	dy
1	-0.0006	0.0015
2	-0.0005	0.0028
3	-0.0009	0.0011
4	-0.0017	0.0014
5	0.0005	-0.0006
6	0.0015	-0.0020
7	0.0022	-0.0020
8	0.0016	-0.0026
9	0.0006	-0.0010
10	0.0077	-0.0102
11	0.0077	-0.0082
12	0.0076	-0.0102
13	0.0099	-0.0093
14	0.0088	-0.0094
15	0.0098	-0.0107
16	0.0101	-0.0102
17	0.0109	-0.0093
21	0.0084	-0.0096
22	0.0100	-0.0090
23	0.0088	-0.0100
24	0.0109	-0.0094

Elipses de error

Punto	S. mayor	S. menor	Azimut
1	0.0014	0.0002	49.8388
2	0.0014	0.0004	34.6835
3	0.0009	0.0003	43.0452
4	0.0008	0.0004	15.2020
5	0.0009	0.0004	17.9321
6	0.0019	0.0017	36.3414
7	0.0010	0.0003	355.9896
8	0.0010	0.0004	26.2190
9	0.0011	0.0006	46.2095
10	0.0015	0.0010	45.3053
11	0.0012	0.0009	29.9431
12	0.0014	0.0004	362.7952
13	0.0015	0.0005	32.5516
14	0.0010	0.0003	362.9702
15	0.0010	0.0001	21.3424
16	0.0010	0.0007	33.5064
17	0.0015	0.0008	352.2894
21	0.0012	0.0005	28.5540
22	0.0010	0.0003	372.2217
23	0.0015	0.0005	39.5148
24	0.0018	0.0008	353.7986

Coordenadas ajustadas

Punto	X	Y
100	1000.0000	2000.0000
101	1000.0005	2019.2461
102	1212.8404	2181.3860
103	1273.9367	2226.4129
1	991.8942	1991.9351
2	980.2294	2007.2652
3	1016.8276	2030.0654
4	1024.9733	2019.5230
5	1083.9824	2059.5429
6	1128.7710	2127.3993
7	1194.5957	2159.3393
8	1185.8707	2169.6048
10	1229.8129	2188.3601
11	1221.4460	2198.0427

6.2. Nivelación

Fecha: 08/03/2011 Hora: 10:30 Temperatura: 11º

Tablero

	Lecturas			*Distancias*			
	Atras	**Adelante**	**Vía opuesta**	**Espalda**	**Frente**	**Vía opuesta**	**Cotas**
1r	1.7635			20.520			100.0000
2			1.7434			23.360	100.0201
4			1.3446			25.420	100.4189
3		1.3548			22.600		100.4087
3r	1.6263			36.430			
5		1.1177			35.420		100.9173
6			1.1118			37.330	100.9232
5r	1.5931			38.550			
7		1.1251			35.960		101.3853
8			1.1386			37.380	101.3718
7r	1.5230			36.800			
9		1.1933			34.480		101.7150
9r	1.3879			22.980			
10			1.3668			25.660	101.7361
12		1.2002			23.650		101.9027
11			1.2083			21.080	101.8946
12r	1.2786			21.220			
11			1.2868			24.570	101.8945
9			1.4664			25.180	101.7149
10		1.4452			22.240		101.7361
10r	1.1693			35.460			
7			1.5203			37.560	101.3851
8		1.5337			35.720		101.3717
7			1.5203				101.3851
8r	1.1591			37.990			
6		1.6075			36.250		100.9233
6r	1.1702			36.210			
5			1.1763			37.990	100.9172
3			1.6850			37.430	100.4085
4		1.6745			35.320		100.4190
4r	1.1882			20.950			
2			1.5870			22.360	100.0202
1		1.6073			25.220		99.9999
Totales	13.8592	13.8593		307.1100	306.8600	355.3200	969.2900

Cotas:

Punto	Cotas
1	**100.0000**
2	**100.0202**
3	**100.4087**
4	**100.4189**
5	**100.9173**
6	**100.9232**
7	**101.3853**
8	**101.3718**
9	**101.7150**
10	**101.7361**
11	**101.8946**
12	**101.9027**

Estribo lado Barcelona

	Lecturas		***Distancias***		
	Atras	**Adelante**	**Espalda**	**Frente**	**Cotas**
b1r	0.6601		18.31		100.0000
b2		1.4288		18.26	99.2313
b2r	1.4165		9.11		
h1		0.9675		2.32	99.6803
h2		1.8257		23.77	98.8221
b2		1.4166		9.1	99.2312
b2r	1.3955		18.43		
b1		0.6268		18.27	99.9999
	3.4721	3.4722	45.85	71.72	117.57

Cotas:

Punto	Cotas
b1	**100.0000**
b2	**99.2313**
h1	**99.6803**
h2	**98.8221**

ANEJO 9: INSPECCIÓN DE CAUCE

En esta estructura no hay inspección de cauce.