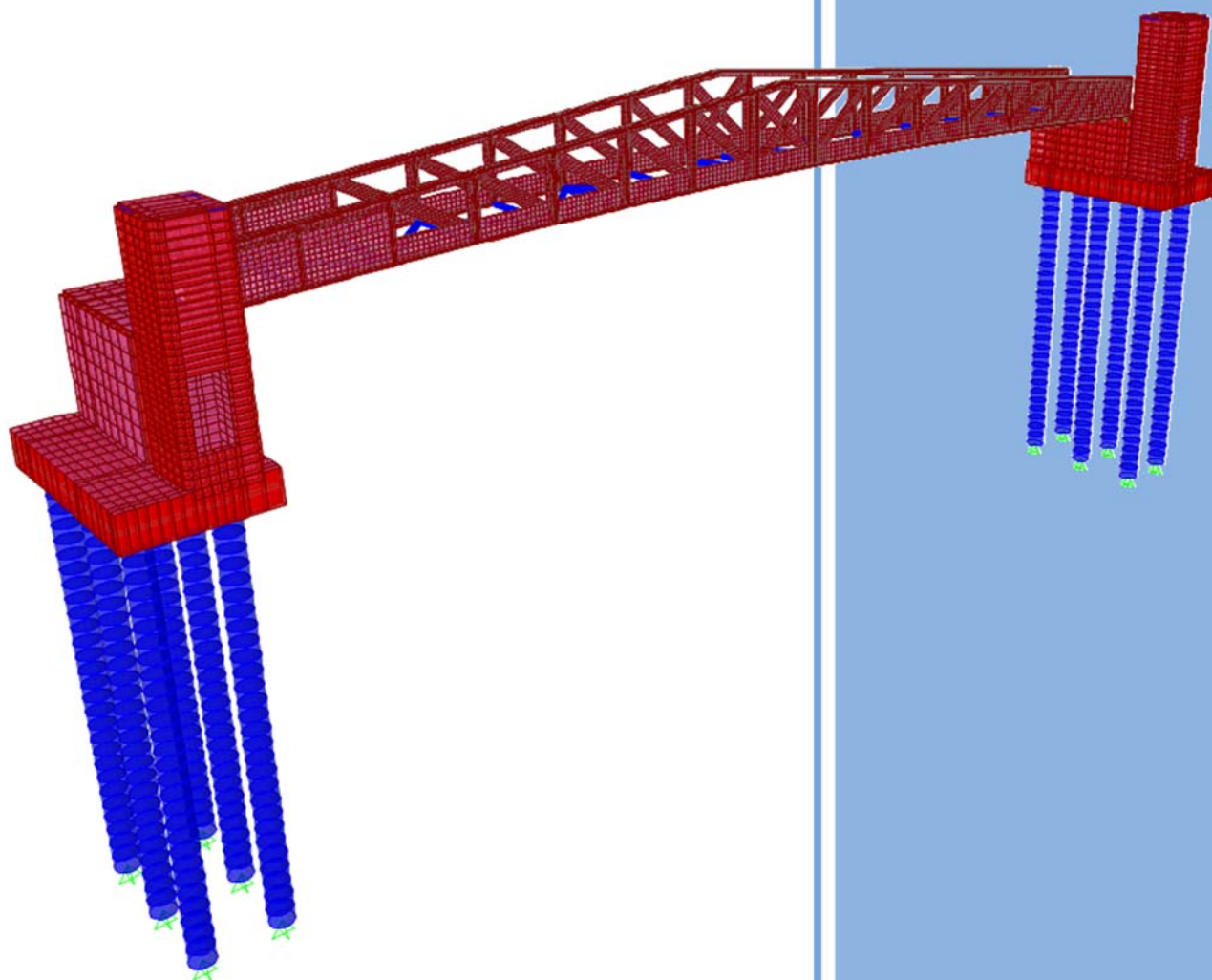


Pasarela peatonal sobre el cauce del río Oria en Tolosa.

ANEJO PRUEBA DE CARGA EN LA PASARELA



ÍNDICE

| | |
|---|------------|
| 1. INTRODUCCIÓN | 3 |
| 2. DESCRIPCIÓN DE LA ESTRUCTURA | 3 |
| 3. NECESIDAD DE LA PRUEBA DE CARGA | 4 |
| 4. DIRECCIÓN DE LAS PRUEBAS | 5 |
| 5. PROYECTO DE LA PRUEBA DE CARGA ESTÁTICA | 5 |
| 5.1 MEMORIA..... | 5 |
| 5.2 PLANOS | 7 |
| 5.3 PLIEGO DE PRESCRIPCIONES TÉCNICAS PARTICULARES | 7 |
| 5.3.1 ESFUERZOS | 7 |
| 5.3.2 PRECISIÓN APARATOS..... | 7 |
| 5.3.3 PREPARACIÓN DE LA PRUEBA | 7 |
| 5.3.4 INSPECCIÓN DE LAS OBRAS | 8 |
| 5.3.5 ELEMENTOS AUXILIARES | 8 |
| 5.3.6 MAGNITUDES A MEDIR | 9 |
| 5.3.7 APARATOS DE MEDIDA | 9 |
| 5.3.8 PLAZO DE EJECUCIÓN | 9 |
| 5.3.9 FORMA DE APLICACIÓN DE LAS CARGAS..... | 9 |
| 5.3.9.1 Ciclos de carga. | 9 |
| 5.3.9.2 Fases o escalones de carga | 10 |
| 5.3.9.3 Duración de la aplicación de las cargas..... | 10 |
| 5.3.10 CRITERIOS DE ESTABILIZACIÓN..... | 11 |
| 5.3.11 VALORES REMANENTES | 11 |
| 5.3.12 CRITERIOS DE ACEPTACIÓN | 12 |
| 5.3.13 PRUEBAS COMPLEMENTARIAS | 12 |
| 5.3.14 INFORME DE LA PRUEBA DE CARGA | 13 |
| 5.3.15 ACTA DE LA PRUEBA DE CARGA..... | 14 |
| 6. LISTADOS DE CÁLCULO | 15 |
| 6.1 MODELO | 15 |
| 6.2 FLECHAS EN EL VANO | 205 |

1. INTRODUCCIÓN

La prueba de carga de recepción de una estructura es un conjunto de operaciones consistente en la reproducción de uno o varios estados de carga sobre la misma, antes de su puesta en servicio, con objeto de confirmar que el proyecto y construcción de la obra se han llevado a cabo de forma satisfactoria.

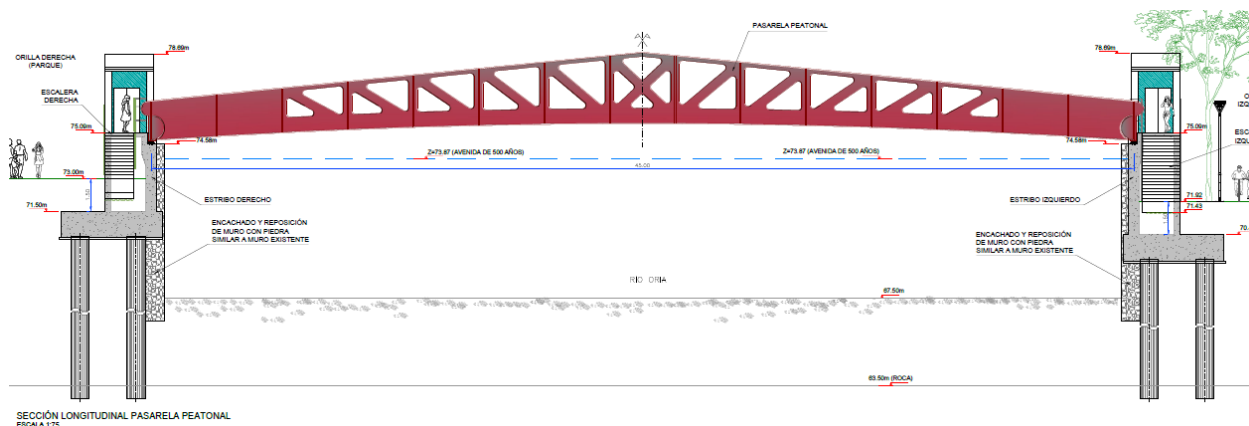
Con este objeto es necesario comprobar que, para unas situaciones de carga representativas de las acciones a que va a estar sometida la estructura durante su vida en servicio, el comportamiento de la misma se ajusta a las previsiones del proyecto.

El presente documento es la memoria de la prueba de carga de la PASARELA PEATONAL SOBRE EL CAUCE DEL RÍO ORIA EN TOLOSA.

2. DESCRIPCIÓN DE LA ESTRUCTURA

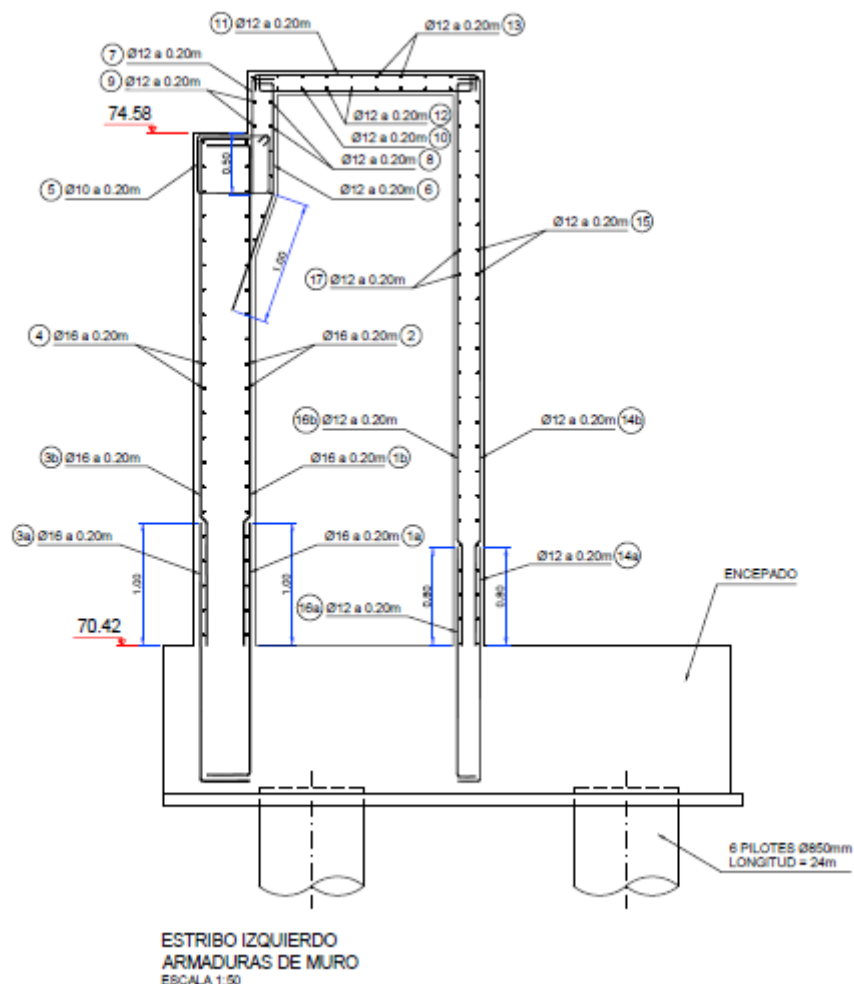
La pasarela presenta una luz libre entre apoyos de 45 m y está formada por dos vigas con sección doble T y canto variable. En los apoyos el canto de estas vigas es de 1800 mm mientras que en el centro del vano el canto aumenta hasta los 3280 mm. Hacia la mitad de la luz, las almas de las vigas presentan aligeramientos. El ancho de las alas es de 400 mm; tanto alas como alma de las vigas tienen 50 mm de espesor y están conformadas con acero S355J2.

El ancho entre ejes de vigas es de 3650 mm. estas vigas están rigidizadas frente a acciones horizontales por una celosía formada por perfiles cuadrados 150x150x6.



La pasarela se apoya en dos estribos de hormigón armado (HA-25) que flanquea los márgenes del cauce. Estos estribos constan de un encepado de 8,1x4,6x1,2 que recoge 6 pilotes de 850 mm de diámetro y 24 m de longitud.

El muro frontal del estribo tiene 50 cm de espesor y recoge los apoyos de neopreno sobre los que se sustentan las vigas principales de la pasarela.



3. NECESIDAD DE LA PRUEBA DE CARGA

La instrucción sobre las acciones a considerar en el Proyecto de Puentes de Carretera, que ha regido el diseño de este tipo de estructuras hasta la entrada en vigor de los eurocódigos indica lo siguiente: *“Todo puente proyectado de acuerdo con la presente instrucción deberá ser sometido a pruebas de carga antes de su puesta en servicio”*.

En el caso de la pasarela en Tolosa se programa una prueba de carga estática.

4. DIRECCIÓN DE LAS PRUEBAS

La dirección de las pruebas estará a cargo del Ingeniero Director de la obra, el cual podrá, ante las incidencias habidas durante la ejecución de la misma, introducir cuantas modificaciones al programa general sean necesarias, ordenar la realización de pruebas complementarias, modificar o adaptar el tren de carga a las condiciones de las pruebas o a las características de la estructura, intensificar las medidas a realizar, ampliar los tiempos de carga, etc.

Será quien, una vez que las considere realizadas en todas las fases, dará por terminadas las pruebas, y deberá en su caso ordenar la suspensión de las mismas cuando así lo exija el comportamiento de la estructura durante el ensayo.

Deberá efectuar una inspección previa a la realización del ensayo y otra posterior al mismo en la que se refleje el estado final de la obra después del proceso de carga. Con todos estos datos, descripción del ensayo, incidencias y presentación de resultados redactará el Acta de la prueba.

El Director de la Obra podrá encargar la realización de las pruebas a personal cualificado, al frente del cual figurará un Ingeniero especializado en este tipo de trabajos, a quién en adelante denominaremos Director de las Pruebas. En el caso de obras singulares, entendiendo por tales bien las de cierta magnitud o bien las que presenten alguna característica técnica no usual, puede ser conveniente la asesoría del Autor del Proyecto.

5. PROYECTO DE LA PRUEBA DE CARGA ESTÁTICA

5.1 MEMORIA

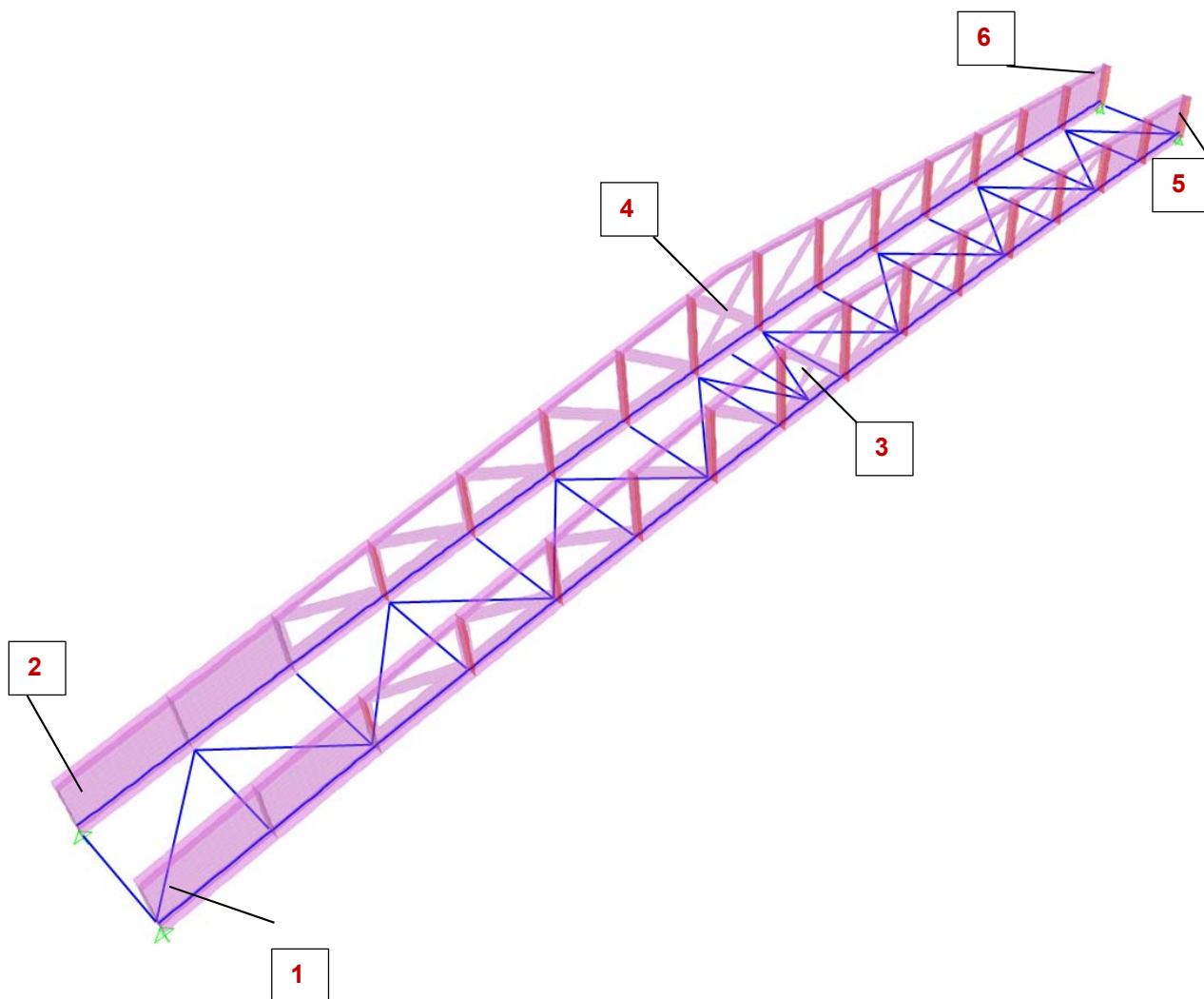
La forma de aplicación de la sobrecarga es la que se define en los planos adjuntos.

La sobrecarga de uso con la que se ha diseñado la pasarela es $5,0 \text{ kN/m}^2$ (500 kg/m^2) aplicados en un ancho de $3,25 \text{ m}$, que es el ancho libre entre las vigas principales de la pasarela.

Durante la prueba de carga, la máxima sobrecarga a la que estará sometida la estructura será de $3,0 \text{ kN/m}^2$ y se aplicará en dos escalones de carga de $1,5 \text{ kN/m}^2$ cada uno. Con esto se pretende que la estructura opere con el 60% de la sobrecarga de diseño (sin mayorar).

Para el cálculo de los desplazamientos de la pasarela bajo la acción que se describe en esta prueba de carga se ha empleado un programa informático que discretiza la estructura empleando las características geométricas y mecánicas de los elementos (placas) que conforman la misma.

Los desplazamientos se medirán mediante topografía de precisión o comparadores, tomando medidas correspondientes a los puntos indicados en planos (puntos de apoyo y centro de vano).



$$f_3 = d_3 - \frac{d_1 + d_5}{2}$$

$$f_4 = d_4 - \frac{d_2 + d_6}{2}$$

El valor de flechas (f_i) y desplazamientos (D_i) será negativo si se trata de “descensos” respecto a la posición de la estructura sin estar sometida a carga.

5.2 PLANOS

Se adjuntan los planos en los cuales se definen la posición de las cargas y la ubicación de los puntos cuyos desplazamientos y flechas hay que medir en cada uno de los estados de carga que conforman la prueba.

5.3 PLIEGO DE PRESCRIPCIONES TÉCNICAS PARTICULARES

Serán de aplicación las “Recomendaciones para la Realización de Pruebas de Carga en Puentes de Carretera”.

5.3.1 ESFUERZOS

Los esfuerzos máximos serán los que se indican en los cálculos adjuntos. Las solicitaciones originadas estarán en torno al 50 – 60 % de los valores teóricos producidos por la sobrecarga de 5 kN/m² definida en la “Instrucción sobre Acciones a considerar en el Proyecto de Puentes de Carreteras” y en ningún caso estas solicitaciones serán superiores al 70% de dichos esfuerzos teóricos.

5.3.2 PRECISIÓN APARATOS

Los aparatos de medida deben apreciar la centésima de milímetro (0.01mm) si se trata de flexímetros o comparadores analógicos y deben llegar hasta los 0,2 mm si las medidas se realizan mediante topografía de precisión.

5.3.3 PREPARACIÓN DE LA PRUEBA

La prueba de carga exige una organización y preparación previa en las que se llegue a los últimos detalles y previsiones, pues las adaptaciones posteriores suelen ser difíciles y, a veces, imposibles.

Deberá tenerse conocimiento exacto de la carga a introducir, de la forma de materializarla, de los puntos de medida y de las características y condicionantes de los aparatos de medida utilizados; deberán preverse e inspeccionarse los medios auxiliares necesarios para el acceso a todos los puntos de medida que lo requieran y a las zonas que deban ser observadas o controladas durante la prueba, y deberá estudiarse la distribución y organización del personal que interviene en la misma, las distintas alturas de agua a alcanzar en cada fase de la prueba, tiempos para cada estado de carga, criterios de aceptación de resultados, etc.

La preparación completa de la prueba incluye también un estudio previo y pormenorizado del proyecto de la misma, que permita prever el comportamiento de la obra durante las distintas fases del ensayo, así como los puntos en que se producirán los esfuerzos o movimientos más desfavorables y que habrá que observar para evaluar los resultados que se vayan produciendo.

La ubicación de las bañeras deberá marcarse previamente sobre el tablero, de forma que pueda realizarse su colocación con suficiente precisión.

La altura del agua sobre las bañeras en cada uno de los estados de carga debe conseguirse con una precisión no inferior al 5%.

5.3.4 INSPECCIÓN DE LAS OBRAS

Antes de realizar cualquier prueba de carga se realizará una inspección de la obra que incluirá, además de la estructura resistente, los aparatos de apoyo, juntas y otros elementos singulares.

Hay que destacar la importancia de esta inspección, pues pudiera dar lugar, en ocasiones, a modificar las condiciones en que la prueba de carga estaba concebida e incluso a desaconsejar la realización de la misma, además de permitir la observación de detalles que pueden ser concluyentes a la hora de interpretar los resultados de la prueba.

Durante la prueba se realizarán controles periódicos de los elementos más característicos de la obra, señalándose los defectos que se vayan observando.

Al final de la prueba, volverá a realizarse una última inspección de la obra.

5.3.5 ELEMENTOS AUXILIARES

Para una correcta inspección de la obra, así como para la colocación y control de los aparatos de medida serán necesarios, en general, un cierto número de elementos auxiliares. Resulta de la mayor importancia el buen funcionamiento, colocación y nivel de seguridad de dichos elementos.

Deberá cuidarse que, en consecuencia, con la precisión de las medidas y el detalle de las observaciones que hayan de realizarse, se disponga de accesos adecuados, fáciles y seguros, de plataformas de trabajo rígidas, de medios de protección contra los agentes atmosféricos, etc., medidas todas ellas encaminadas a la mejor ejecución de los ensayos.

5.3.6 MAGNITUDES A MEDIR

Se medirán los desplazamientos verticales de cada uno de los puntos indicados en los planos.

5.3.7 APARATOS DE MEDIDA

Los aparatos de medida que se utilicen deberán estar sancionados por la experiencia en pruebas similares y deberán garantizar como mínimo una apreciación del orden de un 5% de los valores máximos esperados de las magnitudes que se vayan a medir.

Su campo debe ser como mínimo superior en un 50% a los valores esperados de dichas magnitudes.

Es recomendable que el equipo instrumental permita el registro automático de las medidas que se efectúan y su visualización en tiempo real.

5.3.8 PLAZO DE EJECUCIÓN

La prueba de carga de recepción se realizará antes de la puesta en servicio de la estructura.

En el momento de iniciarse las pruebas, el hormigón de cualquier elemento resistente de la obra deberá haber alcanzado la resistencia característica exigida en el Proyecto.

5.3.9 FORMA DE APLICACIÓN DE LAS CARGAS

5.3.9.1 Ciclos de carga.

Se denomina ciclo de carga a la ejecución completa de uno o varios estados de carga. La práctica habitual es la realización de un solo ciclo de carga, esto es, no se suelen repetir los estados de carga.

En el caso que nos ocupa sola habrá un estado de carga (300 kg/m^2) al que corresponderá un único ciclo de carga (solo se aplican los 300 kg/m^2 una vez en la pasarela metálica).

Se efectuará un solo ciclo para cada uno de los estados de carga definidos en el proyecto de la prueba. Una vez realizado este ciclo y a la vista de los resultados obtenidos y del comportamiento general de la estructura el Director de la prueba podrá determinar la necesidad de realizar algún ciclo adicional.

5.3.9.2 Fases o escalones de carga

Una vez decidida la carga de ensayo, ésta se aplicará de forma progresiva en varias fases o escalones de manera que, mediante la medida simultánea de la respuesta de la estructura en las zonas críticas, se puede tener conocimiento del correcto comportamiento de ésta dentro de las condiciones adecuadas de seguridad.

La carga de ensayo aplicará en un mínimo de dos escalones, si bien en el caso de puentes con varios vanos iguales o análogos podrán, a juicio del Director de la prueba, reducirse, e incluso limitarse, a uno solo, cuando se vayan ocupando posiciones de carga similares en otros vanos, si el comportamiento en los anteriores ha sido satisfactorio.

La descarga se realizará, en general, en un solo escalón. No obstante, el Director de las pruebas podrá, si lo juzga oportuno, disponer su realización en escalones análogos a los del proceso de carga.

El llenado de las bañeras en cualquier fase del proceso de carga o de descarga se realizará con la suficiente lentitud para no provocar efectos no deseados y se organizará de forma que la realización de cualquier estado de carga no produzca sobre otras partes de la estructura solicitaciones superiores a las previstas.

5.3.9.3 Duración de la aplicación de las cargas

El tiempo que se debe mantener la aplicación de la carga en un escalón intermedio antes de pasar al escalón siguiente, así como el tiempo que se debe mantener la carga total correspondiente a un cierto estado de carga, vendrá determinado por el criterio de estabilización de las medidas.

Se advierte especialmente sobre el hecho de que, la aplicación de cargas da larga duración producirá frecuentemente resultados de difícil interpretación, a menos que se controlen los efectos de los distintos factores externos que pueden perturbar las medidas de la respuesta real de la estructura frente a la acción exclusiva de las cargas de ensayo aplicadas y se tomen, en consecuencia, las precauciones necesarias.

Entre estas causas perturbadas habrá que considerar, fundamentalmente, las condiciones climatológicas y ambientales: variaciones térmicas, soleamiento, viento, lluvia, etc., que incidirán no solo en la magnitud real de los parámetros a medir sino también en la respuesta de los propios aparatos de medida y de los captadores colocados sobre la estructura.

Es por tanto conveniente, dentro de los márgenes que determinan la realización de una prueba, reducir al mínimo el tiempo de aplicación de las cargas y, en su caso, distinguir entre pruebas normales y aquellas otras en que se precise la observación de fenómenos que deben ser considerados.

5.3.10 CRITERIOS DE ESTABILIZACIÓN

Los valores de la respuesta de la estructura que se consideren (flechas, giros, deformaciones unitarias, etc.) se denominarán medidas f_i y se obtendrán en cada momento como diferencia entre las lecturas de los aparatos en ese instante i y las lecturas iniciales inmediatamente antes de la colocación de la carga correspondiente a cada estado.

Una vez colocada en su posición prevista la carga, se realizará una medida de la respuesta instantánea de la estructura f_0 en los aparatos de medida situados en los puntos significativos.

Transcurridos 10 minutos se obtendrá una nueva medida en dichos puntos f_{10} . Si las diferencias entre los nuevos valores de la respuesta y los instantáneos son inferiores al 5% de éstos: $f_{10} - f_0 < 0,05 f_0$; o bien, son del mismo orden de la precisión de los aparatos de medida, se considerará estabilizado el proceso de carga.

Si no se satisface la condición anterior, se mantendrá la carga durante un nuevo intervalo de 10 minutos, considerándose cumplido el requisito de estabilización si, realizada la medida al final del mismo f_{20} la diferencia de medidas correspondiente a este intervalo es inferior al 20% de la diferencia de medidas correspondiente al intervalo anterior, o bien es del orden de magnitud de la precisión de los aparatos de medida: $f_{20} - f_{10} < 0,2 (f_{10} - f_0)$

Si esto no se cumpliera, se procederá, a juicio del Ingeniero Director de la prueba, a mantener la carga durante un nuevo intervalo, o a efectuar la descarga.

Una vez alcanzada la estabilización, se tomarán las lecturas finales en todos los puntos de medida. Después de descargar totalmente la estructura, se esperará a que los valores de las medidas estén estabilizados, aplicando el mismo criterio seguido para el proceso de carga.

En el caso de que los valores remanentes inmediatamente después de la descarga sean inferiores al límite establecido no será necesaria la comprobación del criterio de estabilización en des carga, y podrá procederse a la lectura definitiva de todos los aparatos de medida.

5.3.11 VALORES REMANENTES

Los valores remanentes son las deformaciones, desplazamientos, giros, etc., que se mantienen en la estructura una vez descargada esta.

Los valores remanentes después del primer ciclo de carga se considerarán aceptables siempre que sean inferiores al 10%.

Este límite está referido a las deformaciones máximas, y deberá estimarse y prefijarse en cada caso según el tipo de material y la edad de la obra.

Siempre que una vez termine el primer ciclo de carga se obtengan valores remanentes que superen los límites que se hubieran previsto como admisibles se procederá de forma siguiente:

- Si los valores remanentes alcanzan el doble de los admisibles se suspenderá la aplicación de la carga.

- Si los valores remanentes superan el límite admisible, pero sin llegar a doblar este valor, se deberá realizar un segundo ciclo de carga, y deberá entonces cumplirse que la deformación remanente correspondiente a este segundo ciclo no supera la tercera parte de la correspondiente al primer ciclo.

- Si esto no se cumple se suspenderá la aplicación de la carga.

En caso de que, realizado el segundo ciclo no se hubiera alcanzado resultados satisfactorios, el Ingeniero Director de las pruebas suspenderá la aplicación de la carga correspondiente, tomando respecto a los demás estados de carga las medidas que crea convenientes.

5.3.12 CRITERIOS DE ACEPTACIÓN

Además de los criterios expuestos referentes a la estabilización de las medidas y al tratamiento de los valores remanentes, que inciden fundamentalmente sobre el desarrollo del ensayo, se tendrán en cuenta otros criterios referentes a la aceptación de la obra derivados de los resultados de la prueba de carga.

- a) Los valores de las magnitudes máximas al finalizar el ciclo de carga, medidas después de la estabilización, no superarán en más de un 10% a los valores previstos en el proyecto de la prueba.

- b) La abertura de las fisuras producidas en el transcurso de la prueba, así como de las que permanezcan abiertas una vez retirada la carga, deberán estar en consonancia con los criterios recogidos en la Instrucción de Hormigón Estructural (EHE) para la comprobación del estado límite de fisuración.

- c) No deberán aparecer signos de agotamiento de la capacidad portante en ninguna parte de la estructura.

5.3.13 PRUEBAS COMPLEMENTARIAS

El Ingeniero Director de la obra podrá ordenar la realización de pruebas complementarias si lo estima necesario.

5.3.14 INFORME DE LA PRUEBA DE CARGA

Una vez finalizadas las pruebas, el Ingeniero Director de la obra redactará el informe de la prueba, en donde, además de cuantas observaciones crea conveniente añadir, incluirá los apartados siguientes:

Datos generales

Se hará constar la fecha de realización, la hora de inicio y fin de los ensayos, la clave del Proyecto de la prueba y el autor del mismo, la finalidad de la prueba, personas que asisten a la realización de la misma en representación de la Administración o, en general, de la Propiedad de la obra, etc.

Descripción de la obra

Se indicará el tipo de la obra y sus características, tales como número de vanos, luces y anchura de los mismos, situación geográfica del puente, y todos aquellos detalles que sirvan para definir de modo claro y preciso la obra a ensayar.

Estado previo de la obra

Se indicarán cuantos detalles de interés se hubieran observado durante la Inspección Previa.

Tren de cargas

Se incluirá una descripción de cómo se materializa cada estado de carga de la prueba, definiendo dimensiones, y cuantas características sean precisas.

Puntos y aparatos de medida

Se indicará el número y la situación de todos los puntos de medida, así como el sistema de medida utilizado, tipos de captadores y tipo y precisión de los aparatos de medida.

Condiciones climatológicas

Se incluirán los datos referentes a temperatura, insolación, lluvia, etc.

Puntos de referencia

Se describirán los puntos de referencia utilizados para la medida de flechas y su posición respecto a la obra.

Descripción del ensayo

Se indicará la hora de comienzo de cada estado de carga, la descripción de dicho estado, tiempo transcurrido entre carga y descarga, número de escalones, números de ciclos, medidas realizadas, etc., indicando en cada momento la hora y cualquier otro detalle significativo.

En estructuras de hormigón se hará una descripción del proceso de fisuración si es que existe.

En hoja anejo se adjuntará una ficha con los resultados obtenidos, y si se dispone de los datos, se incluirán también los valores teóricos de cálculo para su comparación con los obtenidos experimentalmente.

Estado final de la obra

Se anotarán los resultados y observaciones correspondientes a la inspección efectuada una vez realizadas las pruebas.

Nivelación de la obra

Se incluirán los datos referentes a la nivelación de la obra efectuada después de concluidas las pruebas, y se dejará constancia de la situación de los puntos de referencia.

Varios

Se incluirán cuantas incidencias o detalles se observen, no incluidos en los apartados anteriores, y cuyo conocimiento pueda ser necesario para una mejor comprensión del desarrollo de las pruebas y de los resultados obtenidos.

Es conveniente dejar constancia tanto del desarrollo de las pruebas como de los detalles observados durante las inspecciones acompañando la correspondiente documentación fotográfica.

Firma

El informe será firmado por el Ingeniero de la Obra y, en su caso, por el Ingeniero especializado aquí denominado Director de las Pruebas, pudiendo también ser firmadas por las demás personas asistentes a la misma por sí mismos o en representación de la Propiedad de la obra o de la Administración.

5.3.15 ACTA DE LA PRUEBA DE CARGA

Con base en el Informe, se redactará el Acta de la prueba, documento de carácter oficial que contiene una descripción resumida de los distintos aspectos de la prueba, mencionados en el punto anterior, y una referencia expresa al cumplimiento de los criterios de aceptación.

El Acta estará firmada al menos por el Director de la Obra, el Director de la prueba y el representante del Constructor.

Además de las copias reglamentarias se enviará una copia del Acta al Ingeniero Autor del Proyecto de obra.

6. LISTADOS DE CÁLCULO

6.1 MODELO

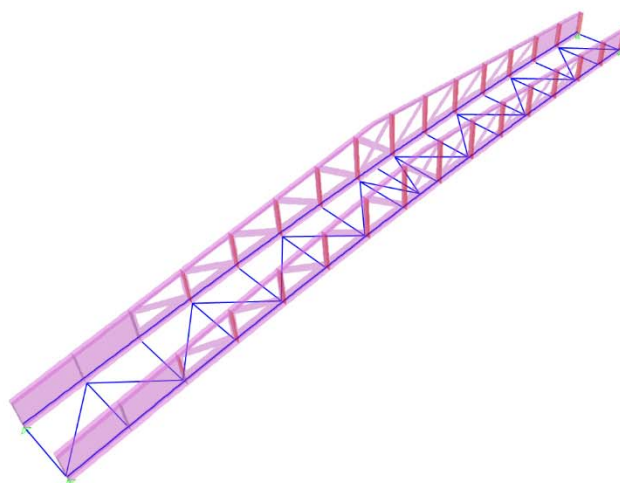


TABLE: Joint Coordinates

| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
|-------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5247 | GLOBAL | Cartesian | 31.42268 | 0 | 11.57062 | Yes | 31.42268 | 0 | 11.57062 |
| 5248 | GLOBAL | Cartesian | 32.72268 | 0 | 11.44246 | No | 32.72268 | 0 | 11.44246 |
| 5249 | GLOBAL | Cartesian | 32.72268 | 0 | 11.24149 | No | 32.72268 | 0 | 11.24149 |
| 5250 | GLOBAL | Cartesian | 31.42268 | 0 | 11.36965 | Yes | 31.42268 | 0 | 11.36965 |
| 5251 | GLOBAL | Cartesian | 32.92268 | 0 | 11.42274 | No | 32.92268 | 0 | 11.42274 |
| 5252 | GLOBAL | Cartesian | 32.92268 | 0 | 11.22177 | No | 32.92268 | 0 | 11.22177 |
| 5253 | GLOBAL | Cartesian | 33.12268 | 0 | 11.40303 | No | 33.12268 | 0 | 11.40303 |
| 5254 | GLOBAL | Cartesian | 33.12268 | 0 | 11.20206 | No | 33.12268 | 0 | 11.20206 |
| 5255 | GLOBAL | Cartesian | 32.72268 | 0 | 9.003 | No | 32.72268 | 0 | 9.003 |
| 5256 | GLOBAL | Cartesian | 32.92268 | 0 | 9.00111 | No | 32.92268 | 0 | 9.00111 |
| 5257 | GLOBAL | Cartesian | 32.92268 | 0 | 8.28784 | No | 32.92268 | 0 | 8.28784 |
| 5258 | GLOBAL | Cartesian | 32.72268 | 0 | 8.28784 | No | 32.72268 | 0 | 8.28784 |
| 5259 | GLOBAL | Cartesian | 33.12268 | 0 | 8.99921 | No | 33.12268 | 0 | 8.99921 |
| 5260 | GLOBAL | Cartesian | 33.12268 | 0 | 8.2861 | No | 33.12268 | 0 | 8.2861 |
| 5261 | GLOBAL | Cartesian | 35.72268 | 0 | 11.14671 | No | 35.72268 | 0 | 11.14671 |
| 5262 | GLOBAL | Cartesian | 35.72268 | 0 | 10.94574 | No | 35.72268 | 0 | 10.94574 |
| 5263 | GLOBAL | Cartesian | 35.92268 | 0 | 11.127 | No | 35.92268 | 0 | 11.127 |
| 5264 | GLOBAL | Cartesian | 35.92268 | 0 | 10.92603 | No | 35.92268 | 0 | 10.92603 |
| 5265 | GLOBAL | Cartesian | 36.12268 | 0 | 11.10728 | No | 36.12268 | 0 | 11.10728 |
| 5266 | GLOBAL | Cartesian | 36.12268 | 0 | 10.90631 | No | 36.12268 | 0 | 10.90631 |
| 5267 | GLOBAL | Cartesian | 38.72268 | 0 | 10.85097 | No | 38.72268 | 0 | 10.85097 |
| 5268 | GLOBAL | Cartesian | 38.72268 | 0 | 10.65 | No | 38.72268 | 0 | 10.65 |
| 5269 | GLOBAL | Cartesian | 38.92268 | 0 | 10.83125 | No | 38.92268 | 0 | 10.83125 |
| 5270 | GLOBAL | Cartesian | 38.92268 | 0 | 10.63028 | No | 38.92268 | 0 | 10.63028 |
| 5271 | GLOBAL | Cartesian | 39.12377 | 0 | 10.81143 | No | 39.12377 | 0 | 10.81143 |
| 5272 | GLOBAL | Cartesian | 39.12377 | 0 | 10.61046 | No | 39.12377 | 0 | 10.61046 |
| 5273 | GLOBAL | Cartesian | 41.72247 | 0 | 10.55524 | No | 41.72247 | 0 | 10.55524 |
| 5274 | GLOBAL | Cartesian | 41.72247 | 0 | 10.35427 | No | 41.72247 | 0 | 10.35427 |
| 5275 | GLOBAL | Cartesian | 41.92268 | 0 | 10.5355 | No | 41.92268 | 0 | 10.5355 |
| 5276 | GLOBAL | Cartesian | 41.92268 | 0 | 10.33453 | No | 41.92268 | 0 | 10.33453 |
| 5277 | GLOBAL | Cartesian | 42.12302 | 0 | 10.51575 | No | 42.12302 | 0 | 10.51575 |
| 5278 | GLOBAL | Cartesian | 42.12302 | 0 | 10.31478 | No | 42.12302 | 0 | 10.31478 |
| 5279 | GLOBAL | Cartesian | 44.72248 | 0 | 10.25949 | No | 44.72248 | 0 | 10.25949 |
| 5280 | GLOBAL | Cartesian | 44.72248 | 0 | 10.05852 | No | 44.72248 | 0 | 10.05852 |
| 5281 | GLOBAL | Cartesian | 44.92268 | 0 | 10.23976 | No | 44.92268 | 0 | 10.23976 |
| 5282 | GLOBAL | Cartesian | 44.92268 | 0 | 10.03879 | No | 44.92268 | 0 | 10.03879 |
| 5283 | GLOBAL | Cartesian | 45.12268 | 0 | 10.22004 | No | 45.12268 | 0 | 10.22004 |
| 5284 | GLOBAL | Cartesian | 45.12268 | 0 | 10.01907 | No | 45.12268 | 0 | 10.01907 |
| 5285 | GLOBAL | Cartesian | 47.72248 | 0 | 9.96375 | No | 47.72248 | 0 | 9.96375 |
| 5286 | GLOBAL | Cartesian | 47.72248 | 0 | 9.76278 | No | 47.72248 | 0 | 9.76278 |
| 5287 | GLOBAL | Cartesian | 47.92268 | 0 | 9.94401 | No | 47.92268 | 0 | 9.94401 |
| 5288 | GLOBAL | Cartesian | 47.92268 | 0 | 9.74304 | No | 47.92268 | 0 | 9.74304 |
| 5289 | GLOBAL | Cartesian | 50.92268 | 0 | 9.64826 | No | 50.92268 | 0 | 9.64826 |
| 5290 | GLOBAL | Cartesian | 50.92268 | 0 | 9.44729 | No | 50.92268 | 0 | 9.44729 |
| 5291 | GLOBAL | Cartesian | 53.92268 | 0 | 9.35252 | No | 53.92268 | 0 | 9.35252 |
| 5292 | GLOBAL | Cartesian | 53.92268 | 0 | 9.15155 | No | 53.92268 | 0 | 9.15155 |
| 5293 | GLOBAL | Cartesian | 35.92268 | 0 | 8.9702 | No | 35.92268 | 0 | 8.9702 |
| 5294 | GLOBAL | Cartesian | 35.72273 | 0 | 8.97351 | No | 35.72273 | 0 | 8.97351 |
| 5295 | GLOBAL | Cartesian | 36.12268 | 0 | 8.96688 | No | 36.12268 | 0 | 8.96688 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialIt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5296 | GLOBAL | Cartesian | 38.92268 | 0 | 8.91455 | No | 38.92268 | 0 | 8.91455 |
| 5297 | GLOBAL | Cartesian | 38.72268 | 0 | 8.91971 | No | 38.72268 | 0 | 8.91971 |
| 5298 | GLOBAL | Cartesian | 39.12377 | 0 | 8.90936 | No | 39.12377 | 0 | 8.90936 |
| 5299 | GLOBAL | Cartesian | 41.92268 | 0 | 8.83154 | No | 41.92268 | 0 | 8.83154 |
| 5300 | GLOBAL | Cartesian | 41.72272 | 0 | 8.83854 | No | 41.72272 | 0 | 8.83854 |
| 5301 | GLOBAL | Cartesian | 42.12302 | 0 | 8.82452 | No | 42.12302 | 0 | 8.82452 |
| 5302 | GLOBAL | Cartesian | 44.92268 | 0 | 8.72113 | No | 44.92268 | 0 | 8.72113 |
| 5303 | GLOBAL | Cartesian | 44.72248 | 0 | 8.73 | No | 44.72248 | 0 | 8.73 |
| 5304 | GLOBAL | Cartesian | 45.12268 | 0 | 8.71228 | No | 45.12268 | 0 | 8.71228 |
| 5305 | GLOBAL | Cartesian | 47.92268 | 0 | 8.58598 | No | 47.92268 | 0 | 8.58598 |
| 5306 | GLOBAL | Cartesian | 47.72248 | 0 | 8.5952 | No | 47.72248 | 0 | 8.5952 |
| 5307 | GLOBAL | Cartesian | 35.92268 | 0 | 8.25958 | No | 35.92268 | 0 | 8.25958 |
| 5308 | GLOBAL | Cartesian | 35.7227 | 0 | 8.26147 | No | 35.7227 | 0 | 8.26147 |
| 5309 | GLOBAL | Cartesian | 36.12268 | 0 | 8.25599 | No | 36.12268 | 0 | 8.25599 |
| 5310 | GLOBAL | Cartesian | 38.92268 | 0 | 8.20389 | No | 38.92268 | 0 | 8.20389 |
| 5311 | GLOBAL | Cartesian | 38.72268 | 0 | 8.20761 | No | 38.72268 | 0 | 8.20761 |
| 5312 | GLOBAL | Cartesian | 39.12377 | 0 | 8.19843 | No | 39.12377 | 0 | 8.19843 |
| 5313 | GLOBAL | Cartesian | 41.92268 | 0 | 8.12078 | No | 41.92268 | 0 | 8.12078 |
| 5314 | GLOBAL | Cartesian | 41.72247 | 0 | 8.12633 | No | 41.72247 | 0 | 8.12633 |
| 5315 | GLOBAL | Cartesian | 42.12302 | 0 | 8.11348 | No | 42.12302 | 0 | 8.11348 |
| 5316 | GLOBAL | Cartesian | 45.12268 | 0 | 8.00107 | No | 45.12268 | 0 | 8.00107 |
| 5317 | GLOBAL | Cartesian | 44.92268 | 0 | 8.01022 | No | 44.92268 | 0 | 8.01022 |
| 5318 | GLOBAL | Cartesian | 44.72248 | 0 | 8.0176 | No | 44.72248 | 0 | 8.0176 |
| 5319 | GLOBAL | Cartesian | 47.92268 | 0 | 7.87218 | No | 47.92268 | 0 | 7.87218 |
| 5320 | GLOBAL | Cartesian | 47.72248 | 0 | 7.8814 | No | 47.72248 | 0 | 7.8814 |
| 5321 | GLOBAL | Cartesian | 50.92268 | 0 | 8.44789 | No | 50.92268 | 0 | 8.44789 |
| 5322 | GLOBAL | Cartesian | 50.92268 | 0 | 7.70662 | No | 50.92268 | 0 | 7.70662 |
| 5324 | GLOBAL | Cartesian | 53.92268 | 0 | 8.30979 | No | 53.92268 | 0 | 8.30979 |
| 5325 | GLOBAL | Cartesian | 53.92268 | 0 | 7.52662 | No | 53.92268 | 0 | 7.52662 |
| 5326 | GLOBAL | Cartesian | 33.74068 | 0 | 8.99336 | No | 33.74068 | 0 | 8.99336 |
| 5327 | GLOBAL | Cartesian | 33.74068 | 0 | 8.28025 | No | 33.74068 | 0 | 8.28025 |
| 5328 | GLOBAL | Cartesian | 36.81072 | 0 | 8.95549 | No | 36.81072 | 0 | 8.95549 |
| 5329 | GLOBAL | Cartesian | 36.81072 | 0 | 8.24319 | No | 36.81072 | 0 | 8.24319 |
| 5330 | GLOBAL | Cartesian | 39.88825 | 0 | 8.88964 | No | 39.88825 | 0 | 8.88964 |
| 5331 | GLOBAL | Cartesian | 39.88825 | 0 | 8.17722 | No | 39.88825 | 0 | 8.17722 |
| 5332 | GLOBAL | Cartesian | 42.96602 | 0 | 8.79499 | No | 42.96602 | 0 | 8.79499 |
| 5333 | GLOBAL | Cartesian | 42.96602 | 0 | 8.08239 | No | 42.96602 | 0 | 8.08239 |
| 5334 | GLOBAL | Cartesian | 46.05564 | 0 | 8.67097 | No | 46.05564 | 0 | 8.67097 |
| 5335 | GLOBAL | Cartesian | 46.05564 | 0 | 7.95812 | No | 46.05564 | 0 | 7.95812 |
| 5336 | GLOBAL | Cartesian | 35.48226 | 0 | 10.96944 | No | 35.48226 | 0 | 10.96944 |
| 5337 | GLOBAL | Cartesian | 35.72268 | 0 | 10.64909 | No | 35.72268 | 0 | 10.64909 |
| 5338 | GLOBAL | Cartesian | 38.44887 | 0 | 10.67699 | No | 38.44887 | 0 | 10.67699 |
| 5339 | GLOBAL | Cartesian | 38.72268 | 0 | 10.38222 | No | 38.72268 | 0 | 10.38222 |
| 5340 | GLOBAL | Cartesian | 41.41135 | 0 | 10.38494 | No | 41.41135 | 0 | 10.38494 |
| 5341 | GLOBAL | Cartesian | 41.72247 | 0 | 10.11163 | No | 41.72247 | 0 | 10.11163 |
| 5342 | GLOBAL | Cartesian | 44.36906 | 0 | 10.09336 | No | 44.36906 | 0 | 10.09336 |
| 5343 | GLOBAL | Cartesian | 44.72248 | 0 | 9.83803 | No | 44.72248 | 0 | 9.83803 |
| 5344 | GLOBAL | Cartesian | 47.32561 | 0 | 9.8019 | No | 47.32561 | 0 | 9.8019 |
| 5345 | GLOBAL | Cartesian | 47.72248 | 0 | 9.56027 | No | 47.72248 | 0 | 9.56027 |
| 5346 | GLOBAL | Cartesian | 32.44965 | 0 | 11.20438 | No | 32.44965 | 0 | 11.20438 |
| 5347 | GLOBAL | Cartesian | 32.51166 | 0 | 11.26229 | No | 32.51166 | 0 | 11.26229 |
| 5348 | GLOBAL | Cartesian | 32.72268 | 0 | 10.91205 | No | 32.72268 | 0 | 10.91205 |
| 5349 | GLOBAL | Cartesian | 31.42268 | 0 | 10.24522 | Yes | 31.42268 | 0 | 10.24522 |
| 5350 | GLOBAL | Cartesian | 31.71569 | 0 | 9.97156 | No | 31.71569 | 0 | 9.97156 |
| 5351 | GLOBAL | Cartesian | 31.42268 | 0 | 9.6979 | Yes | 31.42268 | 0 | 9.6979 |
| 5352 | GLOBAL | Cartesian | 32.16101 | 0 | 9.00832 | No | 32.16101 | 0 | 9.00832 |
| 5353 | GLOBAL | Cartesian | 32.15419 | 0 | 8.28784 | No | 32.15419 | 0 | 8.28784 |
| 5354 | GLOBAL | Cartesian | 31.42268 | 0 | 9.00832 | Yes | 31.42268 | 0 | 9.00832 |
| 5355 | GLOBAL | Cartesian | 31.42268 | 0 | 8.28784 | Yes | 31.42268 | 0 | 8.28784 |
| 5356 | GLOBAL | Cartesian | 31.60839 | 0 | 11.55231 | No | 31.60839 | 0 | 11.55231 |
| 5357 | GLOBAL | Cartesian | 31.60839 | 0 | 11.45182 | No | 31.60839 | 0 | 11.45182 |
| 5358 | GLOBAL | Cartesian | 31.42268 | 0 | 11.47013 | Yes | 31.42268 | 0 | 11.47013 |
| 5359 | GLOBAL | Cartesian | 31.60839 | 0 | 11.35134 | No | 31.60839 | 0 | 11.35134 |
| 5360 | GLOBAL | Cartesian | 31.79411 | 0 | 11.534 | No | 31.79411 | 0 | 11.534 |
| 5361 | GLOBAL | Cartesian | 31.79411 | 0 | 11.43352 | No | 31.79411 | 0 | 11.43352 |
| 5362 | GLOBAL | Cartesian | 31.79411 | 0 | 11.33303 | No | 31.79411 | 0 | 11.33303 |
| 5363 | GLOBAL | Cartesian | 31.97982 | 0 | 11.51569 | No | 31.97982 | 0 | 11.51569 |
| 5364 | GLOBAL | Cartesian | 31.97982 | 0 | 11.41521 | No | 31.97982 | 0 | 11.41521 |
| 5365 | GLOBAL | Cartesian | 31.97982 | 0 | 11.31472 | No | 31.97982 | 0 | 11.31472 |
| 5366 | GLOBAL | Cartesian | 32.16554 | 0 | 11.49738 | No | 32.16554 | 0 | 11.49738 |
| 5367 | GLOBAL | Cartesian | 32.16554 | 0 | 11.3969 | No | 32.16554 | 0 | 11.3969 |
| 5368 | GLOBAL | Cartesian | 32.16554 | 0 | 11.29641 | No | 32.16554 | 0 | 11.29641 |
| 5369 | GLOBAL | Cartesian | 32.35125 | 0 | 11.47908 | No | 32.35125 | 0 | 11.47908 |
| 5370 | GLOBAL | Cartesian | 32.35125 | 0 | 11.37859 | No | 32.35125 | 0 | 11.37859 |
| 5371 | GLOBAL | Cartesian | 32.35125 | 0 | 11.27811 | No | 32.35125 | 0 | 11.27811 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5372 | GLOBAL | Cartesian | 32.53696 | 0 | 11.46077 | No | 32.53696 | 0 | 11.46077 |
| 5373 | GLOBAL | Cartesian | 32.53696 | 0 | 11.36028 | No | 32.53696 | 0 | 11.36028 |
| 5375 | GLOBAL | Cartesian | 32.72268 | 0 | 11.34197 | No | 32.72268 | 0 | 11.34197 |
| 5376 | GLOBAL | Cartesian | 32.82268 | 0 | 11.4326 | No | 32.82268 | 0 | 11.4326 |
| 5377 | GLOBAL | Cartesian | 32.82268 | 0 | 11.33212 | No | 32.82268 | 0 | 11.33212 |
| 5378 | GLOBAL | Cartesian | 32.82268 | 0 | 11.23163 | No | 32.82268 | 0 | 11.23163 |
| 5379 | GLOBAL | Cartesian | 32.92268 | 0 | 11.32226 | No | 32.92268 | 0 | 11.32226 |
| 5380 | GLOBAL | Cartesian | 33.02268 | 0 | 11.41288 | No | 33.02268 | 0 | 11.41288 |
| 5381 | GLOBAL | Cartesian | 33.02268 | 0 | 11.3124 | No | 33.02268 | 0 | 11.3124 |
| 5382 | GLOBAL | Cartesian | 33.02268 | 0 | 11.21192 | No | 33.02268 | 0 | 11.21192 |
| 5383 | GLOBAL | Cartesian | 33.12268 | 0 | 11.30254 | No | 33.12268 | 0 | 11.30254 |
| 5384 | GLOBAL | Cartesian | 32.92268 | 0 | 8.82279 | No | 32.92268 | 0 | 8.82279 |
| 5385 | GLOBAL | Cartesian | 32.72268 | 0 | 8.82421 | No | 32.72268 | 0 | 8.82421 |
| 5386 | GLOBAL | Cartesian | 32.92268 | 0 | 8.64447 | No | 32.92268 | 0 | 8.64447 |
| 5387 | GLOBAL | Cartesian | 32.72268 | 0 | 8.64542 | No | 32.72268 | 0 | 8.64542 |
| 5388 | GLOBAL | Cartesian | 32.92268 | 0 | 8.46616 | No | 32.92268 | 0 | 8.46616 |
| 5389 | GLOBAL | Cartesian | 32.72268 | 0 | 8.46663 | No | 32.72268 | 0 | 8.46663 |
| 5390 | GLOBAL | Cartesian | 33.12268 | 0 | 8.82093 | No | 33.12268 | 0 | 8.82093 |
| 5391 | GLOBAL | Cartesian | 33.12268 | 0 | 8.64266 | No | 33.12268 | 0 | 8.64266 |
| 5392 | GLOBAL | Cartesian | 33.12268 | 0 | 8.46438 | No | 33.12268 | 0 | 8.46438 |
| 5393 | GLOBAL | Cartesian | 32.92268 | 0 | 11.03672 | No | 32.92268 | 0 | 11.03672 |
| 5394 | GLOBAL | Cartesian | 32.82268 | 0 | 11.04583 | No | 32.82268 | 0 | 11.04583 |
| 5396 | GLOBAL | Cartesian | 32.92268 | 0 | 10.85166 | No | 32.92268 | 0 | 10.85166 |
| 5397 | GLOBAL | Cartesian | 32.82268 | 0 | 10.86004 | No | 32.82268 | 0 | 10.86004 |
| 5399 | GLOBAL | Cartesian | 32.92268 | 0 | 10.66661 | No | 32.92268 | 0 | 10.66661 |
| 5400 | GLOBAL | Cartesian | 32.82268 | 0 | 10.67424 | No | 32.82268 | 0 | 10.67424 |
| 5401 | GLOBAL | Cartesian | 32.72268 | 0 | 10.68187 | No | 32.72268 | 0 | 10.68187 |
| 5402 | GLOBAL | Cartesian | 32.92268 | 0 | 10.48155 | No | 32.92268 | 0 | 10.48155 |
| 5403 | GLOBAL | Cartesian | 32.82268 | 0 | 10.48844 | No | 32.82268 | 0 | 10.48844 |
| 5404 | GLOBAL | Cartesian | 32.72268 | 0 | 10.49533 | No | 32.72268 | 0 | 10.49533 |
| 5405 | GLOBAL | Cartesian | 32.92268 | 0 | 10.2965 | No | 32.92268 | 0 | 10.2965 |
| 5406 | GLOBAL | Cartesian | 32.82268 | 0 | 10.30264 | No | 32.82268 | 0 | 10.30264 |
| 5407 | GLOBAL | Cartesian | 32.72268 | 0 | 10.30879 | No | 32.72268 | 0 | 10.30879 |
| 5408 | GLOBAL | Cartesian | 32.92268 | 0 | 10.11144 | No | 32.92268 | 0 | 10.11144 |
| 5409 | GLOBAL | Cartesian | 32.82268 | 0 | 10.11684 | No | 32.82268 | 0 | 10.11684 |
| 5410 | GLOBAL | Cartesian | 32.72268 | 0 | 10.12225 | No | 32.72268 | 0 | 10.12225 |
| 5411 | GLOBAL | Cartesian | 32.92268 | 0 | 9.92638 | No | 32.92268 | 0 | 9.92638 |
| 5412 | GLOBAL | Cartesian | 32.82268 | 0 | 9.93104 | No | 32.82268 | 0 | 9.93104 |
| 5413 | GLOBAL | Cartesian | 32.72268 | 0 | 9.9357 | No | 32.72268 | 0 | 9.9357 |
| 5414 | GLOBAL | Cartesian | 32.92268 | 0 | 9.74133 | No | 32.92268 | 0 | 9.74133 |
| 5415 | GLOBAL | Cartesian | 32.82268 | 0 | 9.74525 | No | 32.82268 | 0 | 9.74525 |
| 5416 | GLOBAL | Cartesian | 32.72268 | 0 | 9.74916 | No | 32.72268 | 0 | 9.74916 |
| 5417 | GLOBAL | Cartesian | 32.92268 | 0 | 9.55627 | No | 32.92268 | 0 | 9.55627 |
| 5418 | GLOBAL | Cartesian | 32.82268 | 0 | 9.55945 | No | 32.82268 | 0 | 9.55945 |
| 5419 | GLOBAL | Cartesian | 32.72268 | 0 | 9.56262 | No | 32.72268 | 0 | 9.56262 |
| 5420 | GLOBAL | Cartesian | 32.92268 | 0 | 9.37122 | No | 32.92268 | 0 | 9.37122 |
| 5421 | GLOBAL | Cartesian | 32.82268 | 0 | 9.37365 | No | 32.82268 | 0 | 9.37365 |
| 5422 | GLOBAL | Cartesian | 32.72268 | 0 | 9.37608 | No | 32.72268 | 0 | 9.37608 |
| 5423 | GLOBAL | Cartesian | 32.92268 | 0 | 9.18616 | No | 32.92268 | 0 | 9.18616 |
| 5424 | GLOBAL | Cartesian | 32.82268 | 0 | 9.18785 | No | 32.82268 | 0 | 9.18785 |
| 5425 | GLOBAL | Cartesian | 32.72268 | 0 | 9.18954 | No | 32.72268 | 0 | 9.18954 |
| 5426 | GLOBAL | Cartesian | 32.82268 | 0 | 9.00205 | No | 32.82268 | 0 | 9.00205 |
| 5427 | GLOBAL | Cartesian | 33.02268 | 0 | 11.0276 | No | 33.02268 | 0 | 11.0276 |
| 5428 | GLOBAL | Cartesian | 33.02268 | 0 | 10.84329 | No | 33.02268 | 0 | 10.84329 |
| 5429 | GLOBAL | Cartesian | 33.02268 | 0 | 10.65898 | No | 33.02268 | 0 | 10.65898 |
| 5430 | GLOBAL | Cartesian | 33.02268 | 0 | 10.47466 | No | 33.02268 | 0 | 10.47466 |
| 5431 | GLOBAL | Cartesian | 33.02268 | 0 | 10.29035 | No | 33.02268 | 0 | 10.29035 |
| 5432 | GLOBAL | Cartesian | 33.02268 | 0 | 10.10604 | No | 33.02268 | 0 | 10.10604 |
| 5433 | GLOBAL | Cartesian | 33.02268 | 0 | 9.92172 | No | 33.02268 | 0 | 9.92172 |
| 5434 | GLOBAL | Cartesian | 33.02268 | 0 | 9.73741 | No | 33.02268 | 0 | 9.73741 |
| 5435 | GLOBAL | Cartesian | 33.02268 | 0 | 9.5531 | No | 33.02268 | 0 | 9.5531 |
| 5436 | GLOBAL | Cartesian | 33.02268 | 0 | 9.36879 | No | 33.02268 | 0 | 9.36879 |
| 5437 | GLOBAL | Cartesian | 33.02268 | 0 | 9.18447 | No | 33.02268 | 0 | 9.18447 |
| 5438 | GLOBAL | Cartesian | 33.02268 | 0 | 9.00016 | No | 33.02268 | 0 | 9.00016 |
| 5439 | GLOBAL | Cartesian | 33.12268 | 0 | 11.01849 | No | 33.12268 | 0 | 11.01849 |
| 5440 | GLOBAL | Cartesian | 33.12268 | 0 | 10.83492 | No | 33.12268 | 0 | 10.83492 |
| 5441 | GLOBAL | Cartesian | 33.12268 | 0 | 10.65135 | No | 33.12268 | 0 | 10.65135 |
| 5442 | GLOBAL | Cartesian | 33.12268 | 0 | 10.46778 | No | 33.12268 | 0 | 10.46778 |
| 5443 | GLOBAL | Cartesian | 33.12268 | 0 | 10.2842 | No | 33.12268 | 0 | 10.2842 |
| 5444 | GLOBAL | Cartesian | 33.12268 | 0 | 10.10063 | No | 33.12268 | 0 | 10.10063 |
| 5445 | GLOBAL | Cartesian | 33.12268 | 0 | 9.91706 | No | 33.12268 | 0 | 9.91706 |
| 5446 | GLOBAL | Cartesian | 33.12268 | 0 | 9.73349 | No | 33.12268 | 0 | 9.73349 |
| 5447 | GLOBAL | Cartesian | 33.12268 | 0 | 9.54992 | No | 33.12268 | 0 | 9.54992 |
| 5448 | GLOBAL | Cartesian | 33.12268 | 0 | 9.36635 | No | 33.12268 | 0 | 9.36635 |
| 5449 | GLOBAL | Cartesian | 33.12268 | 0 | 9.18278 | No | 33.12268 | 0 | 9.18278 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5450 | GLOBAL | Cartesian | 33.30839 | 0 | 11.38472 | No | 33.30839 | 0 | 11.38472 |
| 5451 | GLOBAL | Cartesian | 33.30839 | 0 | 11.28423 | No | 33.30839 | 0 | 11.28423 |
| 5452 | GLOBAL | Cartesian | 33.30839 | 0 | 11.18375 | No | 33.30839 | 0 | 11.18375 |
| 5453 | GLOBAL | Cartesian | 33.49411 | 0 | 11.36641 | No | 33.49411 | 0 | 11.36641 |
| 5454 | GLOBAL | Cartesian | 33.49411 | 0 | 11.26593 | No | 33.49411 | 0 | 11.26593 |
| 5455 | GLOBAL | Cartesian | 33.49411 | 0 | 11.16544 | No | 33.49411 | 0 | 11.16544 |
| 5456 | GLOBAL | Cartesian | 33.67982 | 0 | 11.3481 | No | 33.67982 | 0 | 11.3481 |
| 5457 | GLOBAL | Cartesian | 33.67982 | 0 | 11.24762 | No | 33.67982 | 0 | 11.24762 |
| 5458 | GLOBAL | Cartesian | 33.67982 | 0 | 11.14713 | No | 33.67982 | 0 | 11.14713 |
| 5459 | GLOBAL | Cartesian | 33.86554 | 0 | 11.32979 | No | 33.86554 | 0 | 11.32979 |
| 5460 | GLOBAL | Cartesian | 33.86554 | 0 | 11.22931 | No | 33.86554 | 0 | 11.22931 |
| 5461 | GLOBAL | Cartesian | 33.86554 | 0 | 11.12882 | No | 33.86554 | 0 | 11.12882 |
| 5462 | GLOBAL | Cartesian | 34.05125 | 0 | 11.31149 | No | 34.05125 | 0 | 11.31149 |
| 5463 | GLOBAL | Cartesian | 34.05125 | 0 | 11.211 | No | 34.05125 | 0 | 11.211 |
| 5464 | GLOBAL | Cartesian | 34.05125 | 0 | 11.11052 | No | 34.05125 | 0 | 11.11052 |
| 5465 | GLOBAL | Cartesian | 34.23696 | 0 | 11.29318 | No | 34.23696 | 0 | 11.29318 |
| 5466 | GLOBAL | Cartesian | 34.23696 | 0 | 11.19269 | No | 34.23696 | 0 | 11.19269 |
| 5467 | GLOBAL | Cartesian | 34.23696 | 0 | 11.09221 | No | 34.23696 | 0 | 11.09221 |
| 5468 | GLOBAL | Cartesian | 34.42268 | 0 | 11.27487 | No | 34.42268 | 0 | 11.27487 |
| 5469 | GLOBAL | Cartesian | 34.42268 | 0 | 11.17439 | No | 34.42268 | 0 | 11.17439 |
| 5470 | GLOBAL | Cartesian | 34.42268 | 0 | 11.0739 | No | 34.42268 | 0 | 11.0739 |
| 5471 | GLOBAL | Cartesian | 34.60839 | 0 | 11.25656 | No | 34.60839 | 0 | 11.25656 |
| 5472 | GLOBAL | Cartesian | 34.60839 | 0 | 11.15608 | No | 34.60839 | 0 | 11.15608 |
| 5473 | GLOBAL | Cartesian | 34.60839 | 0 | 11.05559 | No | 34.60839 | 0 | 11.05559 |
| 5474 | GLOBAL | Cartesian | 34.79411 | 0 | 11.23825 | No | 34.79411 | 0 | 11.23825 |
| 5475 | GLOBAL | Cartesian | 34.79411 | 0 | 11.13777 | No | 34.79411 | 0 | 11.13777 |
| 5476 | GLOBAL | Cartesian | 34.79411 | 0 | 11.03728 | No | 34.79411 | 0 | 11.03728 |
| 5477 | GLOBAL | Cartesian | 34.97982 | 0 | 11.21995 | No | 34.97982 | 0 | 11.21995 |
| 5478 | GLOBAL | Cartesian | 34.97982 | 0 | 11.11946 | No | 34.97982 | 0 | 11.11946 |
| 5479 | GLOBAL | Cartesian | 34.97982 | 0 | 11.01898 | No | 34.97982 | 0 | 11.01898 |
| 5480 | GLOBAL | Cartesian | 35.16554 | 0 | 11.20164 | No | 35.16554 | 0 | 11.20164 |
| 5481 | GLOBAL | Cartesian | 35.16554 | 0 | 11.10115 | No | 35.16554 | 0 | 11.10115 |
| 5482 | GLOBAL | Cartesian | 35.16554 | 0 | 11.00067 | No | 35.16554 | 0 | 11.00067 |
| 5483 | GLOBAL | Cartesian | 35.35125 | 0 | 11.18333 | No | 35.35125 | 0 | 11.18333 |
| 5484 | GLOBAL | Cartesian | 35.35125 | 0 | 11.08284 | No | 35.35125 | 0 | 11.08284 |
| 5485 | GLOBAL | Cartesian | 35.35125 | 0 | 10.98236 | No | 35.35125 | 0 | 10.98236 |
| 5486 | GLOBAL | Cartesian | 35.53696 | 0 | 11.16502 | No | 35.53696 | 0 | 11.16502 |
| 5487 | GLOBAL | Cartesian | 35.53696 | 0 | 11.06454 | No | 35.53696 | 0 | 11.06454 |
| 5489 | GLOBAL | Cartesian | 35.72268 | 0 | 11.04623 | No | 35.72268 | 0 | 11.04623 |
| 5490 | GLOBAL | Cartesian | 35.82268 | 0 | 11.13685 | No | 35.82268 | 0 | 11.13685 |
| 5491 | GLOBAL | Cartesian | 35.82268 | 0 | 11.03637 | No | 35.82268 | 0 | 11.03637 |
| 5492 | GLOBAL | Cartesian | 35.82268 | 0 | 10.93589 | No | 35.82268 | 0 | 10.93589 |
| 5493 | GLOBAL | Cartesian | 35.92268 | 0 | 11.02651 | No | 35.92268 | 0 | 11.02651 |
| 5494 | GLOBAL | Cartesian | 36.02268 | 0 | 11.11714 | No | 36.02268 | 0 | 11.11714 |
| 5495 | GLOBAL | Cartesian | 36.02268 | 0 | 11.01665 | No | 36.02268 | 0 | 11.01665 |
| 5496 | GLOBAL | Cartesian | 36.02268 | 0 | 10.91617 | No | 36.02268 | 0 | 10.91617 |
| 5497 | GLOBAL | Cartesian | 36.12268 | 0 | 11.0068 | No | 36.12268 | 0 | 11.0068 |
| 5498 | GLOBAL | Cartesian | 36.30839 | 0 | 11.08897 | No | 36.30839 | 0 | 11.08897 |
| 5499 | GLOBAL | Cartesian | 36.30839 | 0 | 10.98849 | No | 36.30839 | 0 | 10.98849 |
| 5500 | GLOBAL | Cartesian | 36.30839 | 0 | 10.888 | No | 36.30839 | 0 | 10.888 |
| 5501 | GLOBAL | Cartesian | 36.49411 | 0 | 11.07066 | No | 36.49411 | 0 | 11.07066 |
| 5502 | GLOBAL | Cartesian | 36.49411 | 0 | 10.97018 | No | 36.49411 | 0 | 10.97018 |
| 5503 | GLOBAL | Cartesian | 36.49411 | 0 | 10.86969 | No | 36.49411 | 0 | 10.86969 |
| 5504 | GLOBAL | Cartesian | 36.67982 | 0 | 11.05236 | No | 36.67982 | 0 | 11.05236 |
| 5505 | GLOBAL | Cartesian | 36.67982 | 0 | 10.95187 | No | 36.67982 | 0 | 10.95187 |
| 5506 | GLOBAL | Cartesian | 36.67982 | 0 | 10.85139 | No | 36.67982 | 0 | 10.85139 |
| 5507 | GLOBAL | Cartesian | 36.86554 | 0 | 11.03405 | No | 36.86554 | 0 | 11.03405 |
| 5508 | GLOBAL | Cartesian | 36.86554 | 0 | 10.93356 | No | 36.86554 | 0 | 10.93356 |
| 5509 | GLOBAL | Cartesian | 36.86554 | 0 | 10.83308 | No | 36.86554 | 0 | 10.83308 |
| 5510 | GLOBAL | Cartesian | 37.05125 | 0 | 11.01574 | No | 37.05125 | 0 | 11.01574 |
| 5511 | GLOBAL | Cartesian | 37.05125 | 0 | 10.91525 | No | 37.05125 | 0 | 10.91525 |
| 5512 | GLOBAL | Cartesian | 37.05125 | 0 | 10.81477 | No | 37.05125 | 0 | 10.81477 |
| 5513 | GLOBAL | Cartesian | 37.23696 | 0 | 10.99743 | No | 37.23696 | 0 | 10.99743 |
| 5514 | GLOBAL | Cartesian | 37.23696 | 0 | 10.89695 | No | 37.23696 | 0 | 10.89695 |
| 5515 | GLOBAL | Cartesian | 37.23696 | 0 | 10.79646 | No | 37.23696 | 0 | 10.79646 |
| 5516 | GLOBAL | Cartesian | 37.42268 | 0 | 10.97912 | No | 37.42268 | 0 | 10.97912 |
| 5517 | GLOBAL | Cartesian | 37.42268 | 0 | 10.87864 | No | 37.42268 | 0 | 10.87864 |
| 5518 | GLOBAL | Cartesian | 37.42268 | 0 | 10.77815 | No | 37.42268 | 0 | 10.77815 |
| 5519 | GLOBAL | Cartesian | 37.60839 | 0 | 10.96082 | No | 37.60839 | 0 | 10.96082 |
| 5520 | GLOBAL | Cartesian | 37.60839 | 0 | 10.86033 | No | 37.60839 | 0 | 10.86033 |
| 5521 | GLOBAL | Cartesian | 37.60839 | 0 | 10.75985 | No | 37.60839 | 0 | 10.75985 |
| 5522 | GLOBAL | Cartesian | 37.79411 | 0 | 10.94251 | No | 37.79411 | 0 | 10.94251 |
| 5523 | GLOBAL | Cartesian | 37.79411 | 0 | 10.84202 | No | 37.79411 | 0 | 10.84202 |
| 5524 | GLOBAL | Cartesian | 37.79411 | 0 | 10.74154 | No | 37.79411 | 0 | 10.74154 |
| 5525 | GLOBAL | Cartesian | 37.97982 | 0 | 10.9242 | No | 37.97982 | 0 | 10.9242 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5526 | GLOBAL | Cartesian | 37.97982 | 0 | 10.82371 | No | 37.97982 | 0 | 10.82371 |
| 5527 | GLOBAL | Cartesian | 37.97982 | 0 | 10.72323 | No | 37.97982 | 0 | 10.72323 |
| 5528 | GLOBAL | Cartesian | 38.16554 | 0 | 10.90589 | No | 38.16554 | 0 | 10.90589 |
| 5529 | GLOBAL | Cartesian | 38.16554 | 0 | 10.80541 | No | 38.16554 | 0 | 10.80541 |
| 5530 | GLOBAL | Cartesian | 38.16554 | 0 | 10.70492 | No | 38.16554 | 0 | 10.70492 |
| 5531 | GLOBAL | Cartesian | 38.35125 | 0 | 10.88758 | No | 38.35125 | 0 | 10.88758 |
| 5532 | GLOBAL | Cartesian | 38.35125 | 0 | 10.7871 | No | 38.35125 | 0 | 10.7871 |
| 5533 | GLOBAL | Cartesian | 38.35125 | 0 | 10.68661 | No | 38.35125 | 0 | 10.68661 |
| 5534 | GLOBAL | Cartesian | 38.53696 | 0 | 10.86927 | No | 38.53696 | 0 | 10.86927 |
| 5535 | GLOBAL | Cartesian | 38.53696 | 0 | 10.76879 | No | 38.53696 | 0 | 10.76879 |
| 5537 | GLOBAL | Cartesian | 38.72268 | 0 | 10.75048 | No | 38.72268 | 0 | 10.75048 |
| 5538 | GLOBAL | Cartesian | 38.82268 | 0 | 10.84111 | No | 38.82268 | 0 | 10.84111 |
| 5539 | GLOBAL | Cartesian | 38.82268 | 0 | 10.74062 | No | 38.82268 | 0 | 10.74062 |
| 5540 | GLOBAL | Cartesian | 38.82268 | 0 | 10.64014 | No | 38.82268 | 0 | 10.64014 |
| 5541 | GLOBAL | Cartesian | 38.92268 | 0 | 10.73077 | No | 38.92268 | 0 | 10.73077 |
| 5542 | GLOBAL | Cartesian | 39.02323 | 0 | 10.82134 | No | 39.02323 | 0 | 10.82134 |
| 5543 | GLOBAL | Cartesian | 39.02323 | 0 | 10.72085 | No | 39.02323 | 0 | 10.72085 |
| 5544 | GLOBAL | Cartesian | 39.02323 | 0 | 10.62037 | No | 39.02323 | 0 | 10.62037 |
| 5545 | GLOBAL | Cartesian | 39.12377 | 0 | 10.71094 | No | 39.12377 | 0 | 10.71094 |
| 5546 | GLOBAL | Cartesian | 39.30939 | 0 | 10.79313 | No | 39.30939 | 0 | 10.79313 |
| 5547 | GLOBAL | Cartesian | 39.30939 | 0 | 10.69264 | No | 39.30939 | 0 | 10.69264 |
| 5548 | GLOBAL | Cartesian | 39.30939 | 0 | 10.59216 | No | 39.30939 | 0 | 10.59216 |
| 5549 | GLOBAL | Cartesian | 39.49502 | 0 | 10.77483 | No | 39.49502 | 0 | 10.77483 |
| 5550 | GLOBAL | Cartesian | 39.49502 | 0 | 10.67434 | No | 39.49502 | 0 | 10.67434 |
| 5551 | GLOBAL | Cartesian | 39.49502 | 0 | 10.57386 | No | 39.49502 | 0 | 10.57386 |
| 5552 | GLOBAL | Cartesian | 39.68064 | 0 | 10.75653 | No | 39.68064 | 0 | 10.75653 |
| 5553 | GLOBAL | Cartesian | 39.68064 | 0 | 10.65604 | No | 39.68064 | 0 | 10.65604 |
| 5554 | GLOBAL | Cartesian | 39.68064 | 0 | 10.55556 | No | 39.68064 | 0 | 10.55556 |
| 5555 | GLOBAL | Cartesian | 39.86626 | 0 | 10.73823 | No | 39.86626 | 0 | 10.73823 |
| 5556 | GLOBAL | Cartesian | 39.86626 | 0 | 10.63775 | No | 39.86626 | 0 | 10.63775 |
| 5557 | GLOBAL | Cartesian | 39.86626 | 0 | 10.53726 | No | 39.86626 | 0 | 10.53726 |
| 5558 | GLOBAL | Cartesian | 40.05188 | 0 | 10.71993 | No | 40.05188 | 0 | 10.71993 |
| 5559 | GLOBAL | Cartesian | 40.05188 | 0 | 10.61945 | No | 40.05188 | 0 | 10.61945 |
| 5560 | GLOBAL | Cartesian | 40.05188 | 0 | 10.51896 | No | 40.05188 | 0 | 10.51896 |
| 5561 | GLOBAL | Cartesian | 40.2375 | 0 | 10.70163 | No | 40.2375 | 0 | 10.70163 |
| 5562 | GLOBAL | Cartesian | 40.2375 | 0 | 10.60115 | No | 40.2375 | 0 | 10.60115 |
| 5563 | GLOBAL | Cartesian | 40.2375 | 0 | 10.50066 | No | 40.2375 | 0 | 10.50066 |
| 5564 | GLOBAL | Cartesian | 40.42312 | 0 | 10.68333 | No | 40.42312 | 0 | 10.68333 |
| 5565 | GLOBAL | Cartesian | 40.42312 | 0 | 10.58285 | No | 40.42312 | 0 | 10.58285 |
| 5566 | GLOBAL | Cartesian | 40.42312 | 0 | 10.48236 | No | 40.42312 | 0 | 10.48236 |
| 5567 | GLOBAL | Cartesian | 40.60874 | 0 | 10.66503 | No | 40.60874 | 0 | 10.66503 |
| 5568 | GLOBAL | Cartesian | 40.60874 | 0 | 10.56455 | No | 40.60874 | 0 | 10.56455 |
| 5569 | GLOBAL | Cartesian | 40.60874 | 0 | 10.46406 | No | 40.60874 | 0 | 10.46406 |
| 5570 | GLOBAL | Cartesian | 40.79437 | 0 | 10.64674 | No | 40.79437 | 0 | 10.64674 |
| 5571 | GLOBAL | Cartesian | 40.79437 | 0 | 10.54625 | No | 40.79437 | 0 | 10.54625 |
| 5572 | GLOBAL | Cartesian | 40.79437 | 0 | 10.44577 | No | 40.79437 | 0 | 10.44577 |
| 5573 | GLOBAL | Cartesian | 40.97999 | 0 | 10.62844 | No | 40.97999 | 0 | 10.62844 |
| 5574 | GLOBAL | Cartesian | 40.97999 | 0 | 10.52795 | No | 40.97999 | 0 | 10.52795 |
| 5575 | GLOBAL | Cartesian | 40.97999 | 0 | 10.42747 | No | 40.97999 | 0 | 10.42747 |
| 5576 | GLOBAL | Cartesian | 41.16561 | 0 | 10.61014 | No | 41.16561 | 0 | 10.61014 |
| 5577 | GLOBAL | Cartesian | 41.16561 | 0 | 10.50965 | No | 41.16561 | 0 | 10.50965 |
| 5578 | GLOBAL | Cartesian | 41.16561 | 0 | 10.40917 | No | 41.16561 | 0 | 10.40917 |
| 5579 | GLOBAL | Cartesian | 41.35123 | 0 | 10.59184 | No | 41.35123 | 0 | 10.59184 |
| 5580 | GLOBAL | Cartesian | 41.35123 | 0 | 10.49135 | No | 41.35123 | 0 | 10.49135 |
| 5582 | GLOBAL | Cartesian | 41.53685 | 0 | 10.57354 | No | 41.53685 | 0 | 10.57354 |
| 5583 | GLOBAL | Cartesian | 41.53685 | 0 | 10.47305 | No | 41.53685 | 0 | 10.47305 |
| 5584 | GLOBAL | Cartesian | 41.53685 | 0 | 10.37257 | No | 41.53685 | 0 | 10.37257 |
| 5585 | GLOBAL | Cartesian | 41.72247 | 0 | 10.45476 | No | 41.72247 | 0 | 10.45476 |
| 5586 | GLOBAL | Cartesian | 41.82258 | 0 | 10.54537 | No | 41.82258 | 0 | 10.54537 |
| 5587 | GLOBAL | Cartesian | 41.82258 | 0 | 10.44489 | No | 41.82258 | 0 | 10.44489 |
| 5588 | GLOBAL | Cartesian | 41.82258 | 0 | 10.3444 | No | 41.82258 | 0 | 10.3444 |
| 5589 | GLOBAL | Cartesian | 41.92268 | 0 | 10.43502 | No | 41.92268 | 0 | 10.43502 |
| 5590 | GLOBAL | Cartesian | 42.02285 | 0 | 10.52563 | No | 42.02285 | 0 | 10.52563 |
| 5591 | GLOBAL | Cartesian | 42.02285 | 0 | 10.42514 | No | 42.02285 | 0 | 10.42514 |
| 5592 | GLOBAL | Cartesian | 42.02285 | 0 | 10.32466 | No | 42.02285 | 0 | 10.32466 |
| 5593 | GLOBAL | Cartesian | 42.12302 | 0 | 10.41527 | No | 42.12302 | 0 | 10.41527 |
| 5594 | GLOBAL | Cartesian | 42.30869 | 0 | 10.49745 | No | 42.30869 | 0 | 10.49745 |
| 5595 | GLOBAL | Cartesian | 42.30869 | 0 | 10.39697 | No | 42.30869 | 0 | 10.39697 |
| 5596 | GLOBAL | Cartesian | 42.30869 | 0 | 10.29648 | No | 42.30869 | 0 | 10.29648 |
| 5597 | GLOBAL | Cartesian | 42.49437 | 0 | 10.47915 | No | 42.49437 | 0 | 10.47915 |
| 5598 | GLOBAL | Cartesian | 42.49437 | 0 | 10.37866 | No | 42.49437 | 0 | 10.37866 |
| 5599 | GLOBAL | Cartesian | 42.49437 | 0 | 10.27818 | No | 42.49437 | 0 | 10.27818 |
| 5600 | GLOBAL | Cartesian | 42.68004 | 0 | 10.46084 | No | 42.68004 | 0 | 10.46084 |
| 5601 | GLOBAL | Cartesian | 42.68004 | 0 | 10.36036 | No | 42.68004 | 0 | 10.36036 |
| 5602 | GLOBAL | Cartesian | 42.68004 | 0 | 10.25987 | No | 42.68004 | 0 | 10.25987 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5603 | GLOBAL | Cartesian | 42.86572 | 0 | 10.44254 | No | 42.86572 | 0 | 10.44254 |
| 5604 | GLOBAL | Cartesian | 42.86572 | 0 | 10.34205 | No | 42.86572 | 0 | 10.34205 |
| 5605 | GLOBAL | Cartesian | 42.86572 | 0 | 10.24157 | No | 42.86572 | 0 | 10.24157 |
| 5606 | GLOBAL | Cartesian | 43.0514 | 0 | 10.42423 | No | 43.0514 | 0 | 10.42423 |
| 5607 | GLOBAL | Cartesian | 43.0514 | 0 | 10.32375 | No | 43.0514 | 0 | 10.32375 |
| 5608 | GLOBAL | Cartesian | 43.0514 | 0 | 10.22326 | No | 43.0514 | 0 | 10.22326 |
| 5609 | GLOBAL | Cartesian | 43.23707 | 0 | 10.40593 | No | 43.23707 | 0 | 10.40593 |
| 5610 | GLOBAL | Cartesian | 43.23707 | 0 | 10.30544 | No | 43.23707 | 0 | 10.30544 |
| 5611 | GLOBAL | Cartesian | 43.23707 | 0 | 10.20496 | No | 43.23707 | 0 | 10.20496 |
| 5612 | GLOBAL | Cartesian | 43.42275 | 0 | 10.38762 | No | 43.42275 | 0 | 10.38762 |
| 5613 | GLOBAL | Cartesian | 43.42275 | 0 | 10.28714 | No | 43.42275 | 0 | 10.28714 |
| 5614 | GLOBAL | Cartesian | 43.42275 | 0 | 10.18665 | No | 43.42275 | 0 | 10.18665 |
| 5615 | GLOBAL | Cartesian | 43.60842 | 0 | 10.36932 | No | 43.60842 | 0 | 10.36932 |
| 5616 | GLOBAL | Cartesian | 43.60842 | 0 | 10.26883 | No | 43.60842 | 0 | 10.26883 |
| 5617 | GLOBAL | Cartesian | 43.60842 | 0 | 10.16835 | No | 43.60842 | 0 | 10.16835 |
| 5618 | GLOBAL | Cartesian | 43.7941 | 0 | 10.35102 | No | 43.7941 | 0 | 10.35102 |
| 5619 | GLOBAL | Cartesian | 43.7941 | 0 | 10.25053 | No | 43.7941 | 0 | 10.25053 |
| 5620 | GLOBAL | Cartesian | 43.7941 | 0 | 10.15005 | No | 43.7941 | 0 | 10.15005 |
| 5621 | GLOBAL | Cartesian | 43.97978 | 0 | 10.33271 | No | 43.97978 | 0 | 10.33271 |
| 5622 | GLOBAL | Cartesian | 43.97978 | 0 | 10.23223 | No | 43.97978 | 0 | 10.23223 |
| 5623 | GLOBAL | Cartesian | 43.97978 | 0 | 10.13174 | No | 43.97978 | 0 | 10.13174 |
| 5624 | GLOBAL | Cartesian | 44.16545 | 0 | 10.31441 | No | 44.16545 | 0 | 10.31441 |
| 5625 | GLOBAL | Cartesian | 44.16545 | 0 | 10.21392 | No | 44.16545 | 0 | 10.21392 |
| 5626 | GLOBAL | Cartesian | 44.16545 | 0 | 10.11344 | No | 44.16545 | 0 | 10.11344 |
| 5627 | GLOBAL | Cartesian | 44.35113 | 0 | 10.2961 | No | 44.35113 | 0 | 10.2961 |
| 5628 | GLOBAL | Cartesian | 44.35113 | 0 | 10.19562 | No | 44.35113 | 0 | 10.19562 |
| 5630 | GLOBAL | Cartesian | 44.5368 | 0 | 10.2778 | No | 44.5368 | 0 | 10.2778 |
| 5631 | GLOBAL | Cartesian | 44.5368 | 0 | 10.17731 | No | 44.5368 | 0 | 10.17731 |
| 5633 | GLOBAL | Cartesian | 44.72248 | 0 | 10.15901 | No | 44.72248 | 0 | 10.15901 |
| 5634 | GLOBAL | Cartesian | 44.82258 | 0 | 10.24963 | No | 44.82258 | 0 | 10.24963 |
| 5635 | GLOBAL | Cartesian | 44.82258 | 0 | 10.14914 | No | 44.82258 | 0 | 10.14914 |
| 5636 | GLOBAL | Cartesian | 44.82258 | 0 | 10.04866 | No | 44.82258 | 0 | 10.04866 |
| 5637 | GLOBAL | Cartesian | 44.92268 | 0 | 10.13927 | No | 44.92268 | 0 | 10.13927 |
| 5638 | GLOBAL | Cartesian | 45.02268 | 0 | 10.2299 | No | 45.02268 | 0 | 10.2299 |
| 5639 | GLOBAL | Cartesian | 45.02268 | 0 | 10.12941 | No | 45.02268 | 0 | 10.12941 |
| 5640 | GLOBAL | Cartesian | 45.02268 | 0 | 10.02893 | No | 45.02268 | 0 | 10.02893 |
| 5641 | GLOBAL | Cartesian | 45.12268 | 0 | 10.11956 | No | 45.12268 | 0 | 10.11956 |
| 5642 | GLOBAL | Cartesian | 45.30838 | 0 | 10.20173 | No | 45.30838 | 0 | 10.20173 |
| 5643 | GLOBAL | Cartesian | 45.30838 | 0 | 10.10125 | No | 45.30838 | 0 | 10.10125 |
| 5644 | GLOBAL | Cartesian | 45.30838 | 0 | 10.00076 | No | 45.30838 | 0 | 10.00076 |
| 5645 | GLOBAL | Cartesian | 45.49408 | 0 | 10.18343 | No | 45.49408 | 0 | 10.18343 |
| 5646 | GLOBAL | Cartesian | 45.49408 | 0 | 10.08294 | No | 45.49408 | 0 | 10.08294 |
| 5647 | GLOBAL | Cartesian | 45.49408 | 0 | 9.98246 | No | 45.49408 | 0 | 9.98246 |
| 5648 | GLOBAL | Cartesian | 45.67978 | 0 | 10.16512 | No | 45.67978 | 0 | 10.16512 |
| 5649 | GLOBAL | Cartesian | 45.67978 | 0 | 10.06464 | No | 45.67978 | 0 | 10.06464 |
| 5650 | GLOBAL | Cartesian | 45.67978 | 0 | 9.96415 | No | 45.67978 | 0 | 9.96415 |
| 5651 | GLOBAL | Cartesian | 45.86548 | 0 | 10.14681 | No | 45.86548 | 0 | 10.14681 |
| 5652 | GLOBAL | Cartesian | 45.86548 | 0 | 10.04633 | No | 45.86548 | 0 | 10.04633 |
| 5653 | GLOBAL | Cartesian | 45.86548 | 0 | 9.94584 | No | 45.86548 | 0 | 9.94584 |
| 5654 | GLOBAL | Cartesian | 46.05118 | 0 | 10.12851 | No | 46.05118 | 0 | 10.12851 |
| 5655 | GLOBAL | Cartesian | 46.05118 | 0 | 10.02802 | No | 46.05118 | 0 | 10.02802 |
| 5656 | GLOBAL | Cartesian | 46.05118 | 0 | 9.92754 | No | 46.05118 | 0 | 9.92754 |
| 5657 | GLOBAL | Cartesian | 46.23688 | 0 | 10.1102 | No | 46.23688 | 0 | 10.1102 |
| 5658 | GLOBAL | Cartesian | 46.23688 | 0 | 10.00972 | No | 46.23688 | 0 | 10.00972 |
| 5659 | GLOBAL | Cartesian | 46.23688 | 0 | 9.90923 | No | 46.23688 | 0 | 9.90923 |
| 5660 | GLOBAL | Cartesian | 46.42258 | 0 | 10.09189 | No | 46.42258 | 0 | 10.09189 |
| 5661 | GLOBAL | Cartesian | 46.42258 | 0 | 9.99141 | No | 46.42258 | 0 | 9.99141 |
| 5662 | GLOBAL | Cartesian | 46.42258 | 0 | 9.89092 | No | 46.42258 | 0 | 9.89092 |
| 5663 | GLOBAL | Cartesian | 46.60828 | 0 | 10.07359 | No | 46.60828 | 0 | 10.07359 |
| 5664 | GLOBAL | Cartesian | 46.60828 | 0 | 9.9731 | No | 46.60828 | 0 | 9.9731 |
| 5665 | GLOBAL | Cartesian | 46.60828 | 0 | 9.87262 | No | 46.60828 | 0 | 9.87262 |
| 5666 | GLOBAL | Cartesian | 46.79398 | 0 | 10.05528 | No | 46.79398 | 0 | 10.05528 |
| 5667 | GLOBAL | Cartesian | 46.79398 | 0 | 9.9548 | No | 46.79398 | 0 | 9.9548 |
| 5668 | GLOBAL | Cartesian | 46.79398 | 0 | 9.85431 | No | 46.79398 | 0 | 9.85431 |
| 5669 | GLOBAL | Cartesian | 46.97968 | 0 | 10.03697 | No | 46.97968 | 0 | 10.03697 |
| 5670 | GLOBAL | Cartesian | 46.97968 | 0 | 9.93649 | No | 46.97968 | 0 | 9.93649 |
| 5671 | GLOBAL | Cartesian | 46.97968 | 0 | 9.836 | No | 46.97968 | 0 | 9.836 |
| 5672 | GLOBAL | Cartesian | 47.16538 | 0 | 10.01867 | No | 47.16538 | 0 | 10.01867 |
| 5673 | GLOBAL | Cartesian | 47.16538 | 0 | 9.91818 | No | 47.16538 | 0 | 9.91818 |
| 5674 | GLOBAL | Cartesian | 47.16538 | 0 | 9.8177 | No | 47.16538 | 0 | 9.8177 |
| 5675 | GLOBAL | Cartesian | 47.35108 | 0 | 10.00036 | No | 47.35108 | 0 | 10.00036 |
| 5676 | GLOBAL | Cartesian | 47.35108 | 0 | 9.89988 | No | 47.35108 | 0 | 9.89988 |
| 5678 | GLOBAL | Cartesian | 47.53678 | 0 | 9.98205 | No | 47.53678 | 0 | 9.98205 |
| 5679 | GLOBAL | Cartesian | 47.53678 | 0 | 9.88157 | No | 47.53678 | 0 | 9.88157 |
| 5680 | GLOBAL | Cartesian | 47.53678 | 0 | 9.78108 | No | 47.53678 | 0 | 9.78108 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5681 | GLOBAL | Cartesian | 47.72248 | 0 | 9.86326 | No | 47.72248 | 0 | 9.86326 |
| 5682 | GLOBAL | Cartesian | 47.82258 | 0 | 9.95388 | No | 47.82258 | 0 | 9.95388 |
| 5683 | GLOBAL | Cartesian | 47.82258 | 0 | 9.85339 | No | 47.82258 | 0 | 9.85339 |
| 5684 | GLOBAL | Cartesian | 47.82258 | 0 | 9.75291 | No | 47.82258 | 0 | 9.75291 |
| 5685 | GLOBAL | Cartesian | 47.92268 | 0 | 9.84353 | No | 47.92268 | 0 | 9.84353 |
| 5686 | GLOBAL | Cartesian | 35.82268 | 0 | 10.73948 | No | 35.82268 | 0 | 10.73948 |
| 5687 | GLOBAL | Cartesian | 35.72268 | 0 | 10.74852 | No | 35.72268 | 0 | 10.74852 |
| 5688 | GLOBAL | Cartesian | 35.82268 | 0 | 10.54308 | No | 35.82268 | 0 | 10.54308 |
| 5690 | GLOBAL | Cartesian | 35.82269 | 0 | 10.34668 | No | 35.82269 | 0 | 10.34668 |
| 5691 | GLOBAL | Cartesian | 35.7227 | 0 | 10.35407 | No | 35.7227 | 0 | 10.35407 |
| 5692 | GLOBAL | Cartesian | 35.82269 | 0 | 10.15027 | No | 35.82269 | 0 | 10.15027 |
| 5693 | GLOBAL | Cartesian | 35.7227 | 0 | 10.15685 | No | 35.7227 | 0 | 10.15685 |
| 5694 | GLOBAL | Cartesian | 35.82269 | 0 | 9.95387 | No | 35.82269 | 0 | 9.95387 |
| 5695 | GLOBAL | Cartesian | 35.72271 | 0 | 9.95963 | No | 35.72271 | 0 | 9.95963 |
| 5696 | GLOBAL | Cartesian | 35.8227 | 0 | 9.75747 | No | 35.8227 | 0 | 9.75747 |
| 5697 | GLOBAL | Cartesian | 35.72271 | 0 | 9.7624 | No | 35.72271 | 0 | 9.7624 |
| 5698 | GLOBAL | Cartesian | 35.8227 | 0 | 9.56106 | No | 35.8227 | 0 | 9.56106 |
| 5699 | GLOBAL | Cartesian | 35.72272 | 0 | 9.56518 | No | 35.72272 | 0 | 9.56518 |
| 5700 | GLOBAL | Cartesian | 35.8227 | 0 | 9.36466 | No | 35.8227 | 0 | 9.36466 |
| 5701 | GLOBAL | Cartesian | 35.72272 | 0 | 9.36796 | No | 35.72272 | 0 | 9.36796 |
| 5702 | GLOBAL | Cartesian | 35.8227 | 0 | 9.16826 | No | 35.8227 | 0 | 9.16826 |
| 5703 | GLOBAL | Cartesian | 35.72273 | 0 | 9.17073 | No | 35.72273 | 0 | 9.17073 |
| 5704 | GLOBAL | Cartesian | 35.82271 | 0 | 8.97185 | No | 35.82271 | 0 | 8.97185 |
| 5705 | GLOBAL | Cartesian | 35.92268 | 0 | 10.73044 | No | 35.92268 | 0 | 10.73044 |
| 5706 | GLOBAL | Cartesian | 35.92268 | 0 | 10.53486 | No | 35.92268 | 0 | 10.53486 |
| 5707 | GLOBAL | Cartesian | 35.92268 | 0 | 10.33928 | No | 35.92268 | 0 | 10.33928 |
| 5708 | GLOBAL | Cartesian | 35.92268 | 0 | 10.1437 | No | 35.92268 | 0 | 10.1437 |
| 5709 | GLOBAL | Cartesian | 35.92268 | 0 | 9.94811 | No | 35.92268 | 0 | 9.94811 |
| 5710 | GLOBAL | Cartesian | 35.92268 | 0 | 9.75253 | No | 35.92268 | 0 | 9.75253 |
| 5711 | GLOBAL | Cartesian | 35.92268 | 0 | 9.55695 | No | 35.92268 | 0 | 9.55695 |
| 5712 | GLOBAL | Cartesian | 35.92268 | 0 | 9.36136 | No | 35.92268 | 0 | 9.36136 |
| 5713 | GLOBAL | Cartesian | 35.92268 | 0 | 9.16578 | No | 35.92268 | 0 | 9.16578 |
| 5714 | GLOBAL | Cartesian | 36.02268 | 0 | 10.72141 | No | 36.02268 | 0 | 10.72141 |
| 5715 | GLOBAL | Cartesian | 36.02268 | 0 | 10.52664 | No | 36.02268 | 0 | 10.52664 |
| 5716 | GLOBAL | Cartesian | 36.02268 | 0 | 10.33188 | No | 36.02268 | 0 | 10.33188 |
| 5717 | GLOBAL | Cartesian | 36.02268 | 0 | 10.13712 | No | 36.02268 | 0 | 10.13712 |
| 5718 | GLOBAL | Cartesian | 36.02268 | 0 | 9.94235 | No | 36.02268 | 0 | 9.94235 |
| 5719 | GLOBAL | Cartesian | 36.02268 | 0 | 9.74759 | No | 36.02268 | 0 | 9.74759 |
| 5720 | GLOBAL | Cartesian | 36.02268 | 0 | 9.55283 | No | 36.02268 | 0 | 9.55283 |
| 5721 | GLOBAL | Cartesian | 36.02268 | 0 | 9.35807 | No | 36.02268 | 0 | 9.35807 |
| 5722 | GLOBAL | Cartesian | 36.02268 | 0 | 9.1633 | No | 36.02268 | 0 | 9.1633 |
| 5723 | GLOBAL | Cartesian | 36.02268 | 0 | 8.96854 | No | 36.02268 | 0 | 8.96854 |
| 5724 | GLOBAL | Cartesian | 36.12268 | 0 | 10.71237 | No | 36.12268 | 0 | 10.71237 |
| 5725 | GLOBAL | Cartesian | 36.12268 | 0 | 10.51843 | No | 36.12268 | 0 | 10.51843 |
| 5726 | GLOBAL | Cartesian | 36.12268 | 0 | 10.32448 | No | 36.12268 | 0 | 10.32448 |
| 5727 | GLOBAL | Cartesian | 36.12268 | 0 | 10.13054 | No | 36.12268 | 0 | 10.13054 |
| 5728 | GLOBAL | Cartesian | 36.12268 | 0 | 9.9366 | No | 36.12268 | 0 | 9.9366 |
| 5729 | GLOBAL | Cartesian | 36.12268 | 0 | 9.74265 | No | 36.12268 | 0 | 9.74265 |
| 5730 | GLOBAL | Cartesian | 36.12268 | 0 | 9.54871 | No | 36.12268 | 0 | 9.54871 |
| 5731 | GLOBAL | Cartesian | 36.12268 | 0 | 9.35477 | No | 36.12268 | 0 | 9.35477 |
| 5732 | GLOBAL | Cartesian | 36.12268 | 0 | 9.16083 | No | 36.12268 | 0 | 9.16083 |
| 5733 | GLOBAL | Cartesian | 38.92268 | 0 | 10.43964 | No | 38.92268 | 0 | 10.43964 |
| 5734 | GLOBAL | Cartesian | 38.82268 | 0 | 10.44869 | No | 38.82268 | 0 | 10.44869 |
| 5736 | GLOBAL | Cartesian | 38.92268 | 0 | 10.24901 | No | 38.92268 | 0 | 10.24901 |
| 5737 | GLOBAL | Cartesian | 38.82268 | 0 | 10.25725 | No | 38.82268 | 0 | 10.25725 |
| 5738 | GLOBAL | Cartesian | 38.72268 | 0 | 10.26549 | No | 38.72268 | 0 | 10.26549 |
| 5739 | GLOBAL | Cartesian | 38.92268 | 0 | 10.05837 | No | 38.92268 | 0 | 10.05837 |
| 5740 | GLOBAL | Cartesian | 38.82268 | 0 | 10.0658 | No | 38.82268 | 0 | 10.0658 |
| 5741 | GLOBAL | Cartesian | 38.72268 | 0 | 10.07324 | No | 38.72268 | 0 | 10.07324 |
| 5742 | GLOBAL | Cartesian | 38.92268 | 0 | 9.86773 | No | 38.92268 | 0 | 9.86773 |
| 5743 | GLOBAL | Cartesian | 38.82268 | 0 | 9.87436 | No | 38.82268 | 0 | 9.87436 |
| 5744 | GLOBAL | Cartesian | 38.72268 | 0 | 9.88098 | No | 38.72268 | 0 | 9.88098 |
| 5745 | GLOBAL | Cartesian | 38.92268 | 0 | 9.6771 | No | 38.92268 | 0 | 9.6771 |
| 5746 | GLOBAL | Cartesian | 38.82268 | 0 | 9.68291 | No | 38.82268 | 0 | 9.68291 |
| 5747 | GLOBAL | Cartesian | 38.72268 | 0 | 9.68873 | No | 38.72268 | 0 | 9.68873 |
| 5748 | GLOBAL | Cartesian | 38.92268 | 0 | 9.48646 | No | 38.92268 | 0 | 9.48646 |
| 5749 | GLOBAL | Cartesian | 38.82268 | 0 | 9.49147 | No | 38.82268 | 0 | 9.49147 |
| 5750 | GLOBAL | Cartesian | 38.72268 | 0 | 9.49647 | No | 38.72268 | 0 | 9.49647 |
| 5751 | GLOBAL | Cartesian | 38.92268 | 0 | 9.29583 | No | 38.92268 | 0 | 9.29583 |
| 5752 | GLOBAL | Cartesian | 38.82268 | 0 | 9.30002 | No | 38.82268 | 0 | 9.30002 |
| 5753 | GLOBAL | Cartesian | 38.72268 | 0 | 9.30422 | No | 38.72268 | 0 | 9.30422 |
| 5754 | GLOBAL | Cartesian | 38.92268 | 0 | 9.10519 | No | 38.92268 | 0 | 9.10519 |
| 5755 | GLOBAL | Cartesian | 38.82268 | 0 | 9.10858 | No | 38.82268 | 0 | 9.10858 |
| 5756 | GLOBAL | Cartesian | 38.72268 | 0 | 9.11197 | No | 38.72268 | 0 | 9.11197 |
| 5757 | GLOBAL | Cartesian | 38.82268 | 0 | 8.91713 | No | 38.82268 | 0 | 8.91713 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5758 | GLOBAL | Cartesian | 39.12377 | 0 | 10.42145 | No | 39.12377 | 0 | 10.42145 |
| 5759 | GLOBAL | Cartesian | 39.02323 | 0 | 10.43055 | No | 39.02323 | 0 | 10.43055 |
| 5760 | GLOBAL | Cartesian | 39.12377 | 0 | 10.23244 | No | 39.12377 | 0 | 10.23244 |
| 5761 | GLOBAL | Cartesian | 39.02323 | 0 | 10.24072 | No | 39.02323 | 0 | 10.24072 |
| 5762 | GLOBAL | Cartesian | 39.12377 | 0 | 10.04343 | No | 39.12377 | 0 | 10.04343 |
| 5763 | GLOBAL | Cartesian | 39.02323 | 0 | 10.0509 | No | 39.02323 | 0 | 10.0509 |
| 5764 | GLOBAL | Cartesian | 39.12377 | 0 | 9.85442 | No | 39.12377 | 0 | 9.85442 |
| 5765 | GLOBAL | Cartesian | 39.02323 | 0 | 9.86108 | No | 39.02323 | 0 | 9.86108 |
| 5766 | GLOBAL | Cartesian | 39.12377 | 0 | 9.66541 | No | 39.12377 | 0 | 9.66541 |
| 5767 | GLOBAL | Cartesian | 39.02323 | 0 | 9.67125 | No | 39.02323 | 0 | 9.67125 |
| 5768 | GLOBAL | Cartesian | 39.12377 | 0 | 9.4764 | No | 39.12377 | 0 | 9.4764 |
| 5769 | GLOBAL | Cartesian | 39.02323 | 0 | 9.48143 | No | 39.02323 | 0 | 9.48143 |
| 5770 | GLOBAL | Cartesian | 39.12377 | 0 | 9.28739 | No | 39.12377 | 0 | 9.28739 |
| 5771 | GLOBAL | Cartesian | 39.02323 | 0 | 9.29161 | No | 39.02323 | 0 | 9.29161 |
| 5772 | GLOBAL | Cartesian | 39.12377 | 0 | 9.09837 | No | 39.12377 | 0 | 9.09837 |
| 5773 | GLOBAL | Cartesian | 39.02323 | 0 | 9.10178 | No | 39.02323 | 0 | 9.10178 |
| 5774 | GLOBAL | Cartesian | 39.02323 | 0 | 8.91196 | No | 39.02323 | 0 | 8.91196 |
| 5775 | GLOBAL | Cartesian | 41.92268 | 0 | 10.14666 | No | 41.92268 | 0 | 10.14666 |
| 5776 | GLOBAL | Cartesian | 41.82259 | 0 | 10.15573 | No | 41.82259 | 0 | 10.15573 |
| 5778 | GLOBAL | Cartesian | 41.92268 | 0 | 9.95879 | No | 41.92268 | 0 | 9.95879 |
| 5779 | GLOBAL | Cartesian | 41.82261 | 0 | 9.96706 | No | 41.82261 | 0 | 9.96706 |
| 5780 | GLOBAL | Cartesian | 41.72253 | 0 | 9.97534 | No | 41.72253 | 0 | 9.97534 |
| 5781 | GLOBAL | Cartesian | 41.92268 | 0 | 9.77091 | No | 41.92268 | 0 | 9.77091 |
| 5782 | GLOBAL | Cartesian | 41.82262 | 0 | 9.77839 | No | 41.82262 | 0 | 9.77839 |
| 5783 | GLOBAL | Cartesian | 41.72257 | 0 | 9.78587 | No | 41.72257 | 0 | 9.78587 |
| 5784 | GLOBAL | Cartesian | 41.92268 | 0 | 9.58304 | No | 41.92268 | 0 | 9.58304 |
| 5785 | GLOBAL | Cartesian | 41.82264 | 0 | 9.58972 | No | 41.82264 | 0 | 9.58972 |
| 5786 | GLOBAL | Cartesian | 41.7226 | 0 | 9.59641 | No | 41.7226 | 0 | 9.59641 |
| 5787 | GLOBAL | Cartesian | 41.92268 | 0 | 9.39516 | No | 41.92268 | 0 | 9.39516 |
| 5788 | GLOBAL | Cartesian | 41.82265 | 0 | 9.40105 | No | 41.82265 | 0 | 9.40105 |
| 5789 | GLOBAL | Cartesian | 41.72263 | 0 | 9.40694 | No | 41.72263 | 0 | 9.40694 |
| 5790 | GLOBAL | Cartesian | 41.92268 | 0 | 9.20729 | No | 41.92268 | 0 | 9.20729 |
| 5791 | GLOBAL | Cartesian | 41.82267 | 0 | 9.21238 | No | 41.82267 | 0 | 9.21238 |
| 5792 | GLOBAL | Cartesian | 41.72266 | 0 | 9.21748 | No | 41.72266 | 0 | 9.21748 |
| 5793 | GLOBAL | Cartesian | 41.92268 | 0 | 9.01941 | No | 41.92268 | 0 | 9.01941 |
| 5794 | GLOBAL | Cartesian | 41.82268 | 0 | 9.02371 | No | 41.82268 | 0 | 9.02371 |
| 5795 | GLOBAL | Cartesian | 41.72269 | 0 | 9.02801 | No | 41.72269 | 0 | 9.02801 |
| 5796 | GLOBAL | Cartesian | 41.8227 | 0 | 8.83504 | No | 41.8227 | 0 | 8.83504 |
| 5797 | GLOBAL | Cartesian | 42.12302 | 0 | 10.1285 | No | 42.12302 | 0 | 10.1285 |
| 5798 | GLOBAL | Cartesian | 42.02285 | 0 | 10.13758 | No | 42.02285 | 0 | 10.13758 |
| 5799 | GLOBAL | Cartesian | 42.12302 | 0 | 9.94222 | No | 42.12302 | 0 | 9.94222 |
| 5800 | GLOBAL | Cartesian | 42.02285 | 0 | 9.9505 | No | 42.02285 | 0 | 9.9505 |
| 5801 | GLOBAL | Cartesian | 42.12302 | 0 | 9.75594 | No | 42.12302 | 0 | 9.75594 |
| 5802 | GLOBAL | Cartesian | 42.02285 | 0 | 9.76342 | No | 42.02285 | 0 | 9.76342 |
| 5803 | GLOBAL | Cartesian | 42.12302 | 0 | 9.56965 | No | 42.12302 | 0 | 9.56965 |
| 5804 | GLOBAL | Cartesian | 42.02285 | 0 | 9.57634 | No | 42.02285 | 0 | 9.57634 |
| 5805 | GLOBAL | Cartesian | 42.12302 | 0 | 9.38337 | No | 42.12302 | 0 | 9.38337 |
| 5806 | GLOBAL | Cartesian | 42.02285 | 0 | 9.38927 | No | 42.02285 | 0 | 9.38927 |
| 5807 | GLOBAL | Cartesian | 42.12302 | 0 | 9.19709 | No | 42.12302 | 0 | 9.19709 |
| 5808 | GLOBAL | Cartesian | 42.02285 | 0 | 9.20219 | No | 42.02285 | 0 | 9.20219 |
| 5809 | GLOBAL | Cartesian | 42.12302 | 0 | 9.0108 | No | 42.12302 | 0 | 9.0108 |
| 5810 | GLOBAL | Cartesian | 42.02285 | 0 | 9.01511 | No | 42.02285 | 0 | 9.01511 |
| 5811 | GLOBAL | Cartesian | 42.02285 | 0 | 8.82803 | No | 42.02285 | 0 | 8.82803 |
| 5812 | GLOBAL | Cartesian | 44.92268 | 0 | 9.85055 | No | 44.92268 | 0 | 9.85055 |
| 5813 | GLOBAL | Cartesian | 44.82258 | 0 | 9.85964 | No | 44.82258 | 0 | 9.85964 |
| 5815 | GLOBAL | Cartesian | 44.92268 | 0 | 9.66231 | No | 44.92268 | 0 | 9.66231 |
| 5816 | GLOBAL | Cartesian | 44.82258 | 0 | 9.67063 | No | 44.82258 | 0 | 9.67063 |
| 5817 | GLOBAL | Cartesian | 44.72248 | 0 | 9.67894 | No | 44.72248 | 0 | 9.67894 |
| 5818 | GLOBAL | Cartesian | 44.92268 | 0 | 9.47408 | No | 44.92268 | 0 | 9.47408 |
| 5819 | GLOBAL | Cartesian | 44.82258 | 0 | 9.48162 | No | 44.82258 | 0 | 9.48162 |
| 5820 | GLOBAL | Cartesian | 44.72248 | 0 | 9.48915 | No | 44.72248 | 0 | 9.48915 |
| 5821 | GLOBAL | Cartesian | 44.92268 | 0 | 9.28584 | No | 44.92268 | 0 | 9.28584 |
| 5822 | GLOBAL | Cartesian | 44.82258 | 0 | 9.2926 | No | 44.82258 | 0 | 9.2926 |
| 5823 | GLOBAL | Cartesian | 44.72248 | 0 | 9.29937 | No | 44.72248 | 0 | 9.29937 |
| 5824 | GLOBAL | Cartesian | 44.92268 | 0 | 9.0976 | No | 44.92268 | 0 | 9.0976 |
| 5825 | GLOBAL | Cartesian | 44.82258 | 0 | 9.10359 | No | 44.82258 | 0 | 9.10359 |
| 5826 | GLOBAL | Cartesian | 44.72248 | 0 | 9.10958 | No | 44.72248 | 0 | 9.10958 |
| 5827 | GLOBAL | Cartesian | 44.92268 | 0 | 8.90937 | No | 44.92268 | 0 | 8.90937 |
| 5828 | GLOBAL | Cartesian | 44.82258 | 0 | 8.91458 | No | 44.82258 | 0 | 8.91458 |
| 5829 | GLOBAL | Cartesian | 44.72248 | 0 | 8.91979 | No | 44.72248 | 0 | 8.91979 |
| 5830 | GLOBAL | Cartesian | 44.82258 | 0 | 8.72556 | No | 44.82258 | 0 | 8.72556 |
| 5831 | GLOBAL | Cartesian | 45.12268 | 0 | 9.83239 | No | 45.12268 | 0 | 9.83239 |
| 5832 | GLOBAL | Cartesian | 45.02268 | 0 | 9.84147 | No | 45.02268 | 0 | 9.84147 |
| 5833 | GLOBAL | Cartesian | 45.12268 | 0 | 9.6457 | No | 45.12268 | 0 | 9.6457 |
| 5834 | GLOBAL | Cartesian | 45.02268 | 0 | 9.65401 | No | 45.02268 | 0 | 9.65401 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5835 | GLOBAL | Cartesian | 45.12268 | 0 | 9.45902 | No | 45.12268 | 0 | 9.45902 |
| 5836 | GLOBAL | Cartesian | 45.02268 | 0 | 9.46655 | No | 45.02268 | 0 | 9.46655 |
| 5837 | GLOBAL | Cartesian | 45.12268 | 0 | 9.27233 | No | 45.12268 | 0 | 9.27233 |
| 5838 | GLOBAL | Cartesian | 45.02268 | 0 | 9.27909 | No | 45.02268 | 0 | 9.27909 |
| 5839 | GLOBAL | Cartesian | 45.12268 | 0 | 9.08565 | No | 45.12268 | 0 | 9.08565 |
| 5840 | GLOBAL | Cartesian | 45.02268 | 0 | 9.09163 | No | 45.02268 | 0 | 9.09163 |
| 5841 | GLOBAL | Cartesian | 45.12268 | 0 | 8.89896 | No | 45.12268 | 0 | 8.89896 |
| 5842 | GLOBAL | Cartesian | 45.02268 | 0 | 8.90416 | No | 45.02268 | 0 | 8.90416 |
| 5843 | GLOBAL | Cartesian | 45.02268 | 0 | 8.7167 | No | 45.02268 | 0 | 8.7167 |
| 5844 | GLOBAL | Cartesian | 47.92268 | 0 | 9.5502 | No | 47.92268 | 0 | 9.5502 |
| 5845 | GLOBAL | Cartesian | 47.82258 | 0 | 9.55919 | No | 47.82258 | 0 | 9.55919 |
| 5847 | GLOBAL | Cartesian | 47.92268 | 0 | 9.35736 | No | 47.92268 | 0 | 9.35736 |
| 5848 | GLOBAL | Cartesian | 47.82258 | 0 | 9.36547 | No | 47.82258 | 0 | 9.36547 |
| 5849 | GLOBAL | Cartesian | 47.72248 | 0 | 9.37358 | No | 47.72248 | 0 | 9.37358 |
| 5850 | GLOBAL | Cartesian | 47.92268 | 0 | 9.16451 | No | 47.92268 | 0 | 9.16451 |
| 5851 | GLOBAL | Cartesian | 47.82258 | 0 | 9.17175 | No | 47.82258 | 0 | 9.17175 |
| 5852 | GLOBAL | Cartesian | 47.72248 | 0 | 9.17899 | No | 47.72248 | 0 | 9.17899 |
| 5853 | GLOBAL | Cartesian | 47.92268 | 0 | 8.97167 | No | 47.92268 | 0 | 8.97167 |
| 5854 | GLOBAL | Cartesian | 47.82258 | 0 | 8.97803 | No | 47.82258 | 0 | 8.97803 |
| 5855 | GLOBAL | Cartesian | 47.72248 | 0 | 8.98439 | No | 47.72248 | 0 | 8.98439 |
| 5856 | GLOBAL | Cartesian | 47.92268 | 0 | 8.77883 | No | 47.92268 | 0 | 8.77883 |
| 5857 | GLOBAL | Cartesian | 47.82258 | 0 | 8.78431 | No | 47.82258 | 0 | 8.78431 |
| 5858 | GLOBAL | Cartesian | 47.72248 | 0 | 8.78979 | No | 47.72248 | 0 | 8.78979 |
| 5859 | GLOBAL | Cartesian | 47.82258 | 0 | 8.59059 | No | 47.82258 | 0 | 8.59059 |
| 5860 | GLOBAL | Cartesian | 35.92268 | 0 | 8.79254 | No | 35.92268 | 0 | 8.79254 |
| 5861 | GLOBAL | Cartesian | 35.72272 | 0 | 8.7955 | No | 35.72272 | 0 | 8.7955 |
| 5862 | GLOBAL | Cartesian | 35.92268 | 0 | 8.61489 | No | 35.92268 | 0 | 8.61489 |
| 5863 | GLOBAL | Cartesian | 35.72272 | 0 | 8.61749 | No | 35.72272 | 0 | 8.61749 |
| 5864 | GLOBAL | Cartesian | 35.92268 | 0 | 8.43723 | No | 35.92268 | 0 | 8.43723 |
| 5865 | GLOBAL | Cartesian | 35.72271 | 0 | 8.43948 | No | 35.72271 | 0 | 8.43948 |
| 5866 | GLOBAL | Cartesian | 36.12268 | 0 | 8.78916 | No | 36.12268 | 0 | 8.78916 |
| 5867 | GLOBAL | Cartesian | 36.02268 | 0 | 8.79085 | No | 36.02268 | 0 | 8.79085 |
| 5868 | GLOBAL | Cartesian | 36.12268 | 0 | 8.61144 | No | 36.12268 | 0 | 8.61144 |
| 5869 | GLOBAL | Cartesian | 36.02268 | 0 | 8.61316 | No | 36.02268 | 0 | 8.61316 |
| 5870 | GLOBAL | Cartesian | 36.12268 | 0 | 8.43371 | No | 36.12268 | 0 | 8.43371 |
| 5871 | GLOBAL | Cartesian | 36.02268 | 0 | 8.43547 | No | 36.02268 | 0 | 8.43547 |
| 5872 | GLOBAL | Cartesian | 36.02268 | 0 | 8.25778 | No | 36.02268 | 0 | 8.25778 |
| 5873 | GLOBAL | Cartesian | 38.92268 | 0 | 8.73689 | No | 38.92268 | 0 | 8.73689 |
| 5874 | GLOBAL | Cartesian | 38.82268 | 0 | 8.73929 | No | 38.82268 | 0 | 8.73929 |
| 5875 | GLOBAL | Cartesian | 38.72268 | 0 | 8.74169 | No | 38.72268 | 0 | 8.74169 |
| 5876 | GLOBAL | Cartesian | 38.92268 | 0 | 8.55922 | No | 38.92268 | 0 | 8.55922 |
| 5877 | GLOBAL | Cartesian | 38.82268 | 0 | 8.56144 | No | 38.82268 | 0 | 8.56144 |
| 5878 | GLOBAL | Cartesian | 38.72268 | 0 | 8.56366 | No | 38.72268 | 0 | 8.56366 |
| 5879 | GLOBAL | Cartesian | 38.92268 | 0 | 8.38156 | No | 38.92268 | 0 | 8.38156 |
| 5880 | GLOBAL | Cartesian | 38.82268 | 0 | 8.3836 | No | 38.82268 | 0 | 8.3836 |
| 5881 | GLOBAL | Cartesian | 38.72268 | 0 | 8.38564 | No | 38.72268 | 0 | 8.38564 |
| 5882 | GLOBAL | Cartesian | 38.82268 | 0 | 8.20575 | No | 38.82268 | 0 | 8.20575 |
| 5883 | GLOBAL | Cartesian | 39.12377 | 0 | 8.73163 | No | 39.12377 | 0 | 8.73163 |
| 5884 | GLOBAL | Cartesian | 39.02323 | 0 | 8.73426 | No | 39.02323 | 0 | 8.73426 |
| 5885 | GLOBAL | Cartesian | 39.12377 | 0 | 8.5539 | No | 39.12377 | 0 | 8.5539 |
| 5886 | GLOBAL | Cartesian | 39.02323 | 0 | 8.55656 | No | 39.02323 | 0 | 8.55656 |
| 5887 | GLOBAL | Cartesian | 39.12377 | 0 | 8.37616 | No | 39.12377 | 0 | 8.37616 |
| 5888 | GLOBAL | Cartesian | 39.02323 | 0 | 8.37886 | No | 39.02323 | 0 | 8.37886 |
| 5889 | GLOBAL | Cartesian | 39.02323 | 0 | 8.20116 | No | 39.02323 | 0 | 8.20116 |
| 5890 | GLOBAL | Cartesian | 41.92268 | 0 | 8.65385 | No | 41.92268 | 0 | 8.65385 |
| 5891 | GLOBAL | Cartesian | 41.82267 | 0 | 8.65717 | No | 41.82267 | 0 | 8.65717 |
| 5892 | GLOBAL | Cartesian | 41.72266 | 0 | 8.66049 | No | 41.72266 | 0 | 8.66049 |
| 5893 | GLOBAL | Cartesian | 41.92268 | 0 | 8.47616 | No | 41.92268 | 0 | 8.47616 |
| 5894 | GLOBAL | Cartesian | 41.82264 | 0 | 8.4793 | No | 41.82264 | 0 | 8.4793 |
| 5895 | GLOBAL | Cartesian | 41.7226 | 0 | 8.48244 | No | 41.7226 | 0 | 8.48244 |
| 5896 | GLOBAL | Cartesian | 41.92268 | 0 | 8.29847 | No | 41.92268 | 0 | 8.29847 |
| 5897 | GLOBAL | Cartesian | 41.82261 | 0 | 8.30143 | No | 41.82261 | 0 | 8.30143 |
| 5898 | GLOBAL | Cartesian | 41.72253 | 0 | 8.30439 | No | 41.72253 | 0 | 8.30439 |
| 5899 | GLOBAL | Cartesian | 41.82258 | 0 | 8.12356 | No | 41.82258 | 0 | 8.12356 |
| 5900 | GLOBAL | Cartesian | 42.12302 | 0 | 8.64676 | No | 42.12302 | 0 | 8.64676 |
| 5901 | GLOBAL | Cartesian | 42.02285 | 0 | 8.6503 | No | 42.02285 | 0 | 8.6503 |
| 5902 | GLOBAL | Cartesian | 42.12302 | 0 | 8.469 | No | 42.12302 | 0 | 8.469 |
| 5903 | GLOBAL | Cartesian | 42.02285 | 0 | 8.47258 | No | 42.02285 | 0 | 8.47258 |
| 5904 | GLOBAL | Cartesian | 42.12302 | 0 | 8.29124 | No | 42.12302 | 0 | 8.29124 |
| 5905 | GLOBAL | Cartesian | 42.02285 | 0 | 8.29485 | No | 42.02285 | 0 | 8.29485 |
| 5906 | GLOBAL | Cartesian | 42.02285 | 0 | 8.11713 | No | 42.02285 | 0 | 8.11713 |
| 5907 | GLOBAL | Cartesian | 45.12268 | 0 | 8.53447 | No | 45.12268 | 0 | 8.53447 |
| 5908 | GLOBAL | Cartesian | 45.02268 | 0 | 8.53894 | No | 45.02268 | 0 | 8.53894 |
| 5909 | GLOBAL | Cartesian | 44.92268 | 0 | 8.5434 | No | 44.92268 | 0 | 8.5434 |
| 5910 | GLOBAL | Cartesian | 45.12268 | 0 | 8.35667 | No | 45.12268 | 0 | 8.35667 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5911 | GLOBAL | Cartesian | 45.02268 | 0 | 8.36117 | No | 45.02268 | 0 | 8.36117 |
| 5912 | GLOBAL | Cartesian | 44.92268 | 0 | 8.36567 | No | 44.92268 | 0 | 8.36567 |
| 5913 | GLOBAL | Cartesian | 45.12268 | 0 | 8.17887 | No | 45.12268 | 0 | 8.17887 |
| 5914 | GLOBAL | Cartesian | 45.02268 | 0 | 8.18341 | No | 45.02268 | 0 | 8.18341 |
| 5915 | GLOBAL | Cartesian | 44.92268 | 0 | 8.18795 | No | 44.92268 | 0 | 8.18795 |
| 5916 | GLOBAL | Cartesian | 45.02268 | 0 | 8.00564 | No | 45.02268 | 0 | 8.00564 |
| 5917 | GLOBAL | Cartesian | 44.82258 | 0 | 8.54765 | No | 44.82258 | 0 | 8.54765 |
| 5918 | GLOBAL | Cartesian | 44.72248 | 0 | 8.5519 | No | 44.72248 | 0 | 8.5519 |
| 5919 | GLOBAL | Cartesian | 44.82258 | 0 | 8.36974 | No | 44.82258 | 0 | 8.36974 |
| 5920 | GLOBAL | Cartesian | 44.72248 | 0 | 8.3738 | No | 44.72248 | 0 | 8.3738 |
| 5921 | GLOBAL | Cartesian | 44.82258 | 0 | 8.19182 | No | 44.82258 | 0 | 8.19182 |
| 5922 | GLOBAL | Cartesian | 44.72248 | 0 | 8.1957 | No | 44.72248 | 0 | 8.1957 |
| 5923 | GLOBAL | Cartesian | 44.82258 | 0 | 8.01391 | No | 44.82258 | 0 | 8.01391 |
| 5924 | GLOBAL | Cartesian | 47.92268 | 0 | 8.40753 | No | 47.92268 | 0 | 8.40753 |
| 5925 | GLOBAL | Cartesian | 47.82258 | 0 | 8.41214 | No | 47.82258 | 0 | 8.41214 |
| 5926 | GLOBAL | Cartesian | 47.72248 | 0 | 8.41675 | No | 47.72248 | 0 | 8.41675 |
| 5927 | GLOBAL | Cartesian | 47.92268 | 0 | 8.22908 | No | 47.92268 | 0 | 8.22908 |
| 5928 | GLOBAL | Cartesian | 47.82258 | 0 | 8.23369 | No | 47.82258 | 0 | 8.23369 |
| 5929 | GLOBAL | Cartesian | 47.72248 | 0 | 8.2383 | No | 47.72248 | 0 | 8.2383 |
| 5930 | GLOBAL | Cartesian | 47.92268 | 0 | 8.05063 | No | 47.92268 | 0 | 8.05063 |
| 5931 | GLOBAL | Cartesian | 47.82258 | 0 | 8.05524 | No | 47.82258 | 0 | 8.05524 |
| 5932 | GLOBAL | Cartesian | 47.72248 | 0 | 8.05985 | No | 47.72248 | 0 | 8.05985 |
| 5933 | GLOBAL | Cartesian | 47.82258 | 0 | 7.87679 | No | 47.82258 | 0 | 7.87679 |
| 5934 | GLOBAL | Cartesian | 33.27718 | 0 | 8.99775 | No | 33.27718 | 0 | 8.99775 |
| 5935 | GLOBAL | Cartesian | 33.27718 | 0 | 8.81947 | No | 33.27718 | 0 | 8.81947 |
| 5936 | GLOBAL | Cartesian | 33.27718 | 0 | 8.64119 | No | 33.27718 | 0 | 8.64119 |
| 5937 | GLOBAL | Cartesian | 33.27718 | 0 | 8.46292 | No | 33.27718 | 0 | 8.46292 |
| 5938 | GLOBAL | Cartesian | 33.27718 | 0 | 8.28464 | No | 33.27718 | 0 | 8.28464 |
| 5939 | GLOBAL | Cartesian | 33.43168 | 0 | 8.99628 | No | 33.43168 | 0 | 8.99628 |
| 5940 | GLOBAL | Cartesian | 33.43168 | 0 | 8.81801 | No | 33.43168 | 0 | 8.81801 |
| 5941 | GLOBAL | Cartesian | 33.43168 | 0 | 8.63973 | No | 33.43168 | 0 | 8.63973 |
| 5942 | GLOBAL | Cartesian | 33.43168 | 0 | 8.46145 | No | 33.43168 | 0 | 8.46145 |
| 5943 | GLOBAL | Cartesian | 33.43168 | 0 | 8.28317 | No | 33.43168 | 0 | 8.28317 |
| 5944 | GLOBAL | Cartesian | 33.58618 | 0 | 8.99482 | No | 33.58618 | 0 | 8.99482 |
| 5945 | GLOBAL | Cartesian | 33.58618 | 0 | 8.81654 | No | 33.58618 | 0 | 8.81654 |
| 5946 | GLOBAL | Cartesian | 33.58618 | 0 | 8.63827 | No | 33.58618 | 0 | 8.63827 |
| 5947 | GLOBAL | Cartesian | 33.58618 | 0 | 8.45999 | No | 33.58618 | 0 | 8.45999 |
| 5948 | GLOBAL | Cartesian | 33.58618 | 0 | 8.28171 | No | 33.58618 | 0 | 8.28171 |
| 5949 | GLOBAL | Cartesian | 33.74068 | 0 | 8.81508 | No | 33.74068 | 0 | 8.81508 |
| 5950 | GLOBAL | Cartesian | 33.74068 | 0 | 8.6368 | No | 33.74068 | 0 | 8.6368 |
| 5951 | GLOBAL | Cartesian | 33.74068 | 0 | 8.45853 | No | 33.74068 | 0 | 8.45853 |
| 5952 | GLOBAL | Cartesian | 33.93889 | 0 | 8.99137 | No | 33.93889 | 0 | 8.99137 |
| 5953 | GLOBAL | Cartesian | 33.93889 | 0 | 8.81312 | No | 33.93889 | 0 | 8.81312 |
| 5954 | GLOBAL | Cartesian | 33.93889 | 0 | 8.63487 | No | 33.93889 | 0 | 8.63487 |
| 5955 | GLOBAL | Cartesian | 33.93889 | 0 | 8.45662 | No | 33.93889 | 0 | 8.45662 |
| 5956 | GLOBAL | Cartesian | 33.93889 | 0 | 8.27837 | No | 33.93889 | 0 | 8.27837 |
| 5957 | GLOBAL | Cartesian | 34.13709 | 0 | 8.98939 | No | 34.13709 | 0 | 8.98939 |
| 5958 | GLOBAL | Cartesian | 34.13709 | 0 | 8.81116 | No | 34.13709 | 0 | 8.81116 |
| 5959 | GLOBAL | Cartesian | 34.13709 | 0 | 8.63294 | No | 34.13709 | 0 | 8.63294 |
| 5960 | GLOBAL | Cartesian | 34.13709 | 0 | 8.45472 | No | 34.13709 | 0 | 8.45472 |
| 5961 | GLOBAL | Cartesian | 34.13709 | 0 | 8.27649 | No | 34.13709 | 0 | 8.27649 |
| 5962 | GLOBAL | Cartesian | 34.3353 | 0 | 8.9874 | No | 34.3353 | 0 | 8.9874 |
| 5963 | GLOBAL | Cartesian | 34.3353 | 0 | 8.80921 | No | 34.3353 | 0 | 8.80921 |
| 5964 | GLOBAL | Cartesian | 34.33529 | 0 | 8.63101 | No | 34.33529 | 0 | 8.63101 |
| 5965 | GLOBAL | Cartesian | 34.33529 | 0 | 8.45281 | No | 34.33529 | 0 | 8.45281 |
| 5966 | GLOBAL | Cartesian | 34.33529 | 0 | 8.27462 | No | 34.33529 | 0 | 8.27462 |
| 5967 | GLOBAL | Cartesian | 34.5335 | 0 | 8.98542 | No | 34.5335 | 0 | 8.98542 |
| 5968 | GLOBAL | Cartesian | 34.5335 | 0 | 8.80725 | No | 34.5335 | 0 | 8.80725 |
| 5969 | GLOBAL | Cartesian | 34.5335 | 0 | 8.62908 | No | 34.5335 | 0 | 8.62908 |
| 5970 | GLOBAL | Cartesian | 34.53349 | 0 | 8.45091 | No | 34.53349 | 0 | 8.45091 |
| 5971 | GLOBAL | Cartesian | 34.53349 | 0 | 8.27274 | No | 34.53349 | 0 | 8.27274 |
| 5972 | GLOBAL | Cartesian | 34.73171 | 0 | 8.98343 | No | 34.73171 | 0 | 8.98343 |
| 5973 | GLOBAL | Cartesian | 34.7317 | 0 | 8.80529 | No | 34.7317 | 0 | 8.80529 |
| 5974 | GLOBAL | Cartesian | 34.7317 | 0 | 8.62715 | No | 34.7317 | 0 | 8.62715 |
| 5975 | GLOBAL | Cartesian | 34.7317 | 0 | 8.449 | No | 34.7317 | 0 | 8.449 |
| 5976 | GLOBAL | Cartesian | 34.73169 | 0 | 8.27086 | No | 34.73169 | 0 | 8.27086 |
| 5977 | GLOBAL | Cartesian | 34.92991 | 0 | 8.98145 | No | 34.92991 | 0 | 8.98145 |
| 5978 | GLOBAL | Cartesian | 34.92991 | 0 | 8.80333 | No | 34.92991 | 0 | 8.80333 |
| 5979 | GLOBAL | Cartesian | 34.9299 | 0 | 8.62522 | No | 34.9299 | 0 | 8.62522 |
| 5980 | GLOBAL | Cartesian | 34.9299 | 0 | 8.4471 | No | 34.9299 | 0 | 8.4471 |
| 5981 | GLOBAL | Cartesian | 34.92989 | 0 | 8.26898 | No | 34.92989 | 0 | 8.26898 |
| 5982 | GLOBAL | Cartesian | 35.12812 | 0 | 8.97946 | No | 35.12812 | 0 | 8.97946 |
| 5983 | GLOBAL | Cartesian | 35.12811 | 0 | 8.80137 | No | 35.12811 | 0 | 8.80137 |
| 5984 | GLOBAL | Cartesian | 35.12811 | 0 | 8.62328 | No | 35.12811 | 0 | 8.62328 |
| 5985 | GLOBAL | Cartesian | 35.1281 | 0 | 8.44519 | No | 35.1281 | 0 | 8.44519 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 5986 | GLOBAL | Cartesian | 35.12809 | 0 | 8.26711 | No | 35.12809 | 0 | 8.26711 |
| 5987 | GLOBAL | Cartesian | 35.32632 | 0 | 8.97748 | No | 35.32632 | 0 | 8.97748 |
| 5988 | GLOBAL | Cartesian | 35.32632 | 0 | 8.79942 | No | 35.32632 | 0 | 8.79942 |
| 5989 | GLOBAL | Cartesian | 35.32631 | 0 | 8.62135 | No | 35.32631 | 0 | 8.62135 |
| 5990 | GLOBAL | Cartesian | 35.3263 | 0 | 8.44329 | No | 35.3263 | 0 | 8.44329 |
| 5991 | GLOBAL | Cartesian | 35.32629 | 0 | 8.26523 | No | 35.32629 | 0 | 8.26523 |
| 5992 | GLOBAL | Cartesian | 35.52453 | 0 | 8.97549 | No | 35.52453 | 0 | 8.97549 |
| 5993 | GLOBAL | Cartesian | 35.52452 | 0 | 8.79746 | No | 35.52452 | 0 | 8.79746 |
| 5994 | GLOBAL | Cartesian | 35.52451 | 0 | 8.61942 | No | 35.52451 | 0 | 8.61942 |
| 5995 | GLOBAL | Cartesian | 35.5245 | 0 | 8.44139 | No | 35.5245 | 0 | 8.44139 |
| 5996 | GLOBAL | Cartesian | 35.5245 | 0 | 8.26335 | No | 35.5245 | 0 | 8.26335 |
| 5997 | GLOBAL | Cartesian | 36.29469 | 0 | 8.96404 | No | 36.29469 | 0 | 8.96404 |
| 5998 | GLOBAL | Cartesian | 36.29469 | 0 | 8.78622 | No | 36.29469 | 0 | 8.78622 |
| 5999 | GLOBAL | Cartesian | 36.29469 | 0 | 8.60841 | No | 36.29469 | 0 | 8.60841 |
| 6000 | GLOBAL | Cartesian | 36.29469 | 0 | 8.4306 | No | 36.29469 | 0 | 8.4306 |
| 6001 | GLOBAL | Cartesian | 36.29469 | 0 | 8.25279 | No | 36.29469 | 0 | 8.25279 |
| 6002 | GLOBAL | Cartesian | 36.4667 | 0 | 8.96119 | No | 36.4667 | 0 | 8.96119 |
| 6003 | GLOBAL | Cartesian | 36.4667 | 0 | 8.78329 | No | 36.4667 | 0 | 8.78329 |
| 6004 | GLOBAL | Cartesian | 36.4667 | 0 | 8.60539 | No | 36.4667 | 0 | 8.60539 |
| 6005 | GLOBAL | Cartesian | 36.4667 | 0 | 8.42749 | No | 36.4667 | 0 | 8.42749 |
| 6006 | GLOBAL | Cartesian | 36.4667 | 0 | 8.24959 | No | 36.4667 | 0 | 8.24959 |
| 6007 | GLOBAL | Cartesian | 36.63871 | 0 | 8.95834 | No | 36.63871 | 0 | 8.95834 |
| 6008 | GLOBAL | Cartesian | 36.63871 | 0 | 8.78035 | No | 36.63871 | 0 | 8.78035 |
| 6009 | GLOBAL | Cartesian | 36.63871 | 0 | 8.60236 | No | 36.63871 | 0 | 8.60236 |
| 6010 | GLOBAL | Cartesian | 36.63871 | 0 | 8.42438 | No | 36.63871 | 0 | 8.42438 |
| 6011 | GLOBAL | Cartesian | 36.63871 | 0 | 8.24639 | No | 36.63871 | 0 | 8.24639 |
| 6012 | GLOBAL | Cartesian | 36.81072 | 0 | 8.77741 | No | 36.81072 | 0 | 8.77741 |
| 6013 | GLOBAL | Cartesian | 36.81072 | 0 | 8.59934 | No | 36.81072 | 0 | 8.59934 |
| 6014 | GLOBAL | Cartesian | 36.81072 | 0 | 8.42126 | No | 36.81072 | 0 | 8.42126 |
| 6015 | GLOBAL | Cartesian | 37.00192 | 0 | 8.95191 | No | 37.00192 | 0 | 8.95191 |
| 6016 | GLOBAL | Cartesian | 37.00192 | 0 | 8.77384 | No | 37.00192 | 0 | 8.77384 |
| 6017 | GLOBAL | Cartesian | 37.00192 | 0 | 8.59577 | No | 37.00192 | 0 | 8.59577 |
| 6018 | GLOBAL | Cartesian | 37.00192 | 0 | 8.4177 | No | 37.00192 | 0 | 8.4177 |
| 6019 | GLOBAL | Cartesian | 37.00192 | 0 | 8.23963 | No | 37.00192 | 0 | 8.23963 |
| 6020 | GLOBAL | Cartesian | 37.19311 | 0 | 8.94833 | No | 37.19311 | 0 | 8.94833 |
| 6021 | GLOBAL | Cartesian | 37.19311 | 0 | 8.77027 | No | 37.19311 | 0 | 8.77027 |
| 6022 | GLOBAL | Cartesian | 37.19311 | 0 | 8.5922 | No | 37.19311 | 0 | 8.5922 |
| 6023 | GLOBAL | Cartesian | 37.19311 | 0 | 8.41414 | No | 37.19311 | 0 | 8.41414 |
| 6024 | GLOBAL | Cartesian | 37.19311 | 0 | 8.23607 | No | 37.19311 | 0 | 8.23607 |
| 6025 | GLOBAL | Cartesian | 37.38431 | 0 | 8.94476 | No | 37.38431 | 0 | 8.94476 |
| 6026 | GLOBAL | Cartesian | 37.38431 | 0 | 8.7667 | No | 37.38431 | 0 | 8.7667 |
| 6027 | GLOBAL | Cartesian | 37.38431 | 0 | 8.58864 | No | 37.38431 | 0 | 8.58864 |
| 6028 | GLOBAL | Cartesian | 37.38431 | 0 | 8.41058 | No | 37.38431 | 0 | 8.41058 |
| 6029 | GLOBAL | Cartesian | 37.38431 | 0 | 8.23252 | No | 37.38431 | 0 | 8.23252 |
| 6030 | GLOBAL | Cartesian | 37.5755 | 0 | 8.94118 | No | 37.5755 | 0 | 8.94118 |
| 6031 | GLOBAL | Cartesian | 37.5755 | 0 | 8.76312 | No | 37.5755 | 0 | 8.76312 |
| 6032 | GLOBAL | Cartesian | 37.5755 | 0 | 8.58507 | No | 37.5755 | 0 | 8.58507 |
| 6033 | GLOBAL | Cartesian | 37.5755 | 0 | 8.40701 | No | 37.5755 | 0 | 8.40701 |
| 6034 | GLOBAL | Cartesian | 37.5755 | 0 | 8.22896 | No | 37.5755 | 0 | 8.22896 |
| 6035 | GLOBAL | Cartesian | 37.7667 | 0 | 8.9376 | No | 37.7667 | 0 | 8.9376 |
| 6036 | GLOBAL | Cartesian | 37.7667 | 0 | 8.75955 | No | 37.7667 | 0 | 8.75955 |
| 6037 | GLOBAL | Cartesian | 37.7667 | 0 | 8.5815 | No | 37.7667 | 0 | 8.5815 |
| 6038 | GLOBAL | Cartesian | 37.7667 | 0 | 8.40345 | No | 37.7667 | 0 | 8.40345 |
| 6039 | GLOBAL | Cartesian | 37.7667 | 0 | 8.2254 | No | 37.7667 | 0 | 8.2254 |
| 6040 | GLOBAL | Cartesian | 37.9579 | 0 | 8.93402 | No | 37.9579 | 0 | 8.93402 |
| 6041 | GLOBAL | Cartesian | 37.9579 | 0 | 8.75598 | No | 37.9579 | 0 | 8.75598 |
| 6042 | GLOBAL | Cartesian | 37.9579 | 0 | 8.57793 | No | 37.9579 | 0 | 8.57793 |
| 6043 | GLOBAL | Cartesian | 37.9579 | 0 | 8.39989 | No | 37.9579 | 0 | 8.39989 |
| 6044 | GLOBAL | Cartesian | 37.9579 | 0 | 8.22184 | No | 37.9579 | 0 | 8.22184 |
| 6045 | GLOBAL | Cartesian | 38.14909 | 0 | 8.93045 | No | 38.14909 | 0 | 8.93045 |
| 6046 | GLOBAL | Cartesian | 38.14909 | 0 | 8.75241 | No | 38.14909 | 0 | 8.75241 |
| 6047 | GLOBAL | Cartesian | 38.14909 | 0 | 8.57437 | No | 38.14909 | 0 | 8.57437 |
| 6048 | GLOBAL | Cartesian | 38.14909 | 0 | 8.39633 | No | 38.14909 | 0 | 8.39633 |
| 6049 | GLOBAL | Cartesian | 38.14909 | 0 | 8.21829 | No | 38.14909 | 0 | 8.21829 |
| 6050 | GLOBAL | Cartesian | 38.34029 | 0 | 8.92687 | No | 38.34029 | 0 | 8.92687 |
| 6051 | GLOBAL | Cartesian | 38.34029 | 0 | 8.74883 | No | 38.34029 | 0 | 8.74883 |
| 6052 | GLOBAL | Cartesian | 38.34029 | 0 | 8.5708 | No | 38.34029 | 0 | 8.5708 |
| 6053 | GLOBAL | Cartesian | 38.34029 | 0 | 8.39276 | No | 38.34029 | 0 | 8.39276 |
| 6054 | GLOBAL | Cartesian | 38.34029 | 0 | 8.21473 | No | 38.34029 | 0 | 8.21473 |
| 6055 | GLOBAL | Cartesian | 38.53148 | 0 | 8.92329 | No | 38.53148 | 0 | 8.92329 |
| 6056 | GLOBAL | Cartesian | 38.53148 | 0 | 8.74526 | No | 38.53148 | 0 | 8.74526 |
| 6057 | GLOBAL | Cartesian | 38.53148 | 0 | 8.56723 | No | 38.53148 | 0 | 8.56723 |
| 6058 | GLOBAL | Cartesian | 38.53148 | 0 | 8.3892 | No | 38.53148 | 0 | 8.3892 |
| 6059 | GLOBAL | Cartesian | 38.53148 | 0 | 8.21117 | No | 38.53148 | 0 | 8.21117 |
| 6060 | GLOBAL | Cartesian | 39.31489 | 0 | 8.90443 | No | 39.31489 | 0 | 8.90443 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6061 | GLOBAL | Cartesian | 39.31489 | 0 | 8.72661 | No | 39.31489 | 0 | 8.72661 |
| 6062 | GLOBAL | Cartesian | 39.31489 | 0 | 8.54878 | No | 39.31489 | 0 | 8.54878 |
| 6063 | GLOBAL | Cartesian | 39.31489 | 0 | 8.37095 | No | 39.31489 | 0 | 8.37095 |
| 6064 | GLOBAL | Cartesian | 39.31489 | 0 | 8.19313 | No | 39.31489 | 0 | 8.19313 |
| 6065 | GLOBAL | Cartesian | 39.50601 | 0 | 8.8995 | No | 39.50601 | 0 | 8.8995 |
| 6066 | GLOBAL | Cartesian | 39.50601 | 0 | 8.72158 | No | 39.50601 | 0 | 8.72158 |
| 6067 | GLOBAL | Cartesian | 39.50601 | 0 | 8.54366 | No | 39.50601 | 0 | 8.54366 |
| 6068 | GLOBAL | Cartesian | 39.50601 | 0 | 8.36574 | No | 39.50601 | 0 | 8.36574 |
| 6069 | GLOBAL | Cartesian | 39.50601 | 0 | 8.18782 | No | 39.50601 | 0 | 8.18782 |
| 6070 | GLOBAL | Cartesian | 39.69713 | 0 | 8.89457 | No | 39.69713 | 0 | 8.89457 |
| 6071 | GLOBAL | Cartesian | 39.69713 | 0 | 8.71656 | No | 39.69713 | 0 | 8.71656 |
| 6072 | GLOBAL | Cartesian | 39.69713 | 0 | 8.53855 | No | 39.69713 | 0 | 8.53855 |
| 6073 | GLOBAL | Cartesian | 39.69713 | 0 | 8.36053 | No | 39.69713 | 0 | 8.36053 |
| 6074 | GLOBAL | Cartesian | 39.69713 | 0 | 8.18252 | No | 39.69713 | 0 | 8.18252 |
| 6075 | GLOBAL | Cartesian | 39.88825 | 0 | 8.71154 | No | 39.88825 | 0 | 8.71154 |
| 6076 | GLOBAL | Cartesian | 39.88825 | 0 | 8.53343 | No | 39.88825 | 0 | 8.53343 |
| 6077 | GLOBAL | Cartesian | 39.88825 | 0 | 8.35533 | No | 39.88825 | 0 | 8.35533 |
| 6078 | GLOBAL | Cartesian | 40.07169 | 0 | 8.88453 | No | 40.07169 | 0 | 8.88453 |
| 6079 | GLOBAL | Cartesian | 40.07169 | 0 | 8.70643 | No | 40.07169 | 0 | 8.70643 |
| 6080 | GLOBAL | Cartesian | 40.07168 | 0 | 8.52833 | No | 40.07168 | 0 | 8.52833 |
| 6081 | GLOBAL | Cartesian | 40.07167 | 0 | 8.35023 | No | 40.07167 | 0 | 8.35023 |
| 6082 | GLOBAL | Cartesian | 40.07167 | 0 | 8.17213 | No | 40.07167 | 0 | 8.17213 |
| 6083 | GLOBAL | Cartesian | 40.25514 | 0 | 8.87942 | No | 40.25514 | 0 | 8.87942 |
| 6084 | GLOBAL | Cartesian | 40.25513 | 0 | 8.70133 | No | 40.25513 | 0 | 8.70133 |
| 6085 | GLOBAL | Cartesian | 40.25512 | 0 | 8.52323 | No | 40.25512 | 0 | 8.52323 |
| 6086 | GLOBAL | Cartesian | 40.2551 | 0 | 8.34514 | No | 40.2551 | 0 | 8.34514 |
| 6087 | GLOBAL | Cartesian | 40.25509 | 0 | 8.16704 | No | 40.25509 | 0 | 8.16704 |
| 6088 | GLOBAL | Cartesian | 40.43859 | 0 | 8.87431 | No | 40.43859 | 0 | 8.87431 |
| 6089 | GLOBAL | Cartesian | 40.43857 | 0 | 8.69622 | No | 40.43857 | 0 | 8.69622 |
| 6090 | GLOBAL | Cartesian | 40.43855 | 0 | 8.51813 | No | 40.43855 | 0 | 8.51813 |
| 6091 | GLOBAL | Cartesian | 40.43853 | 0 | 8.34004 | No | 40.43853 | 0 | 8.34004 |
| 6092 | GLOBAL | Cartesian | 40.43851 | 0 | 8.16195 | No | 40.43851 | 0 | 8.16195 |
| 6093 | GLOBAL | Cartesian | 40.62203 | 0 | 8.8692 | No | 40.62203 | 0 | 8.8692 |
| 6094 | GLOBAL | Cartesian | 40.62201 | 0 | 8.69112 | No | 40.62201 | 0 | 8.69112 |
| 6095 | GLOBAL | Cartesian | 40.62199 | 0 | 8.51303 | No | 40.62199 | 0 | 8.51303 |
| 6096 | GLOBAL | Cartesian | 40.62196 | 0 | 8.33495 | No | 40.62196 | 0 | 8.33495 |
| 6097 | GLOBAL | Cartesian | 40.62194 | 0 | 8.15687 | No | 40.62194 | 0 | 8.15687 |
| 6098 | GLOBAL | Cartesian | 40.80548 | 0 | 8.86409 | No | 40.80548 | 0 | 8.86409 |
| 6099 | GLOBAL | Cartesian | 40.80545 | 0 | 8.68601 | No | 40.80545 | 0 | 8.68601 |
| 6100 | GLOBAL | Cartesian | 40.80542 | 0 | 8.50793 | No | 40.80542 | 0 | 8.50793 |
| 6101 | GLOBAL | Cartesian | 40.80539 | 0 | 8.32986 | No | 40.80539 | 0 | 8.32986 |
| 6102 | GLOBAL | Cartesian | 40.80536 | 0 | 8.15178 | No | 40.80536 | 0 | 8.15178 |
| 6103 | GLOBAL | Cartesian | 40.98893 | 0 | 8.85898 | No | 40.98893 | 0 | 8.85898 |
| 6104 | GLOBAL | Cartesian | 40.98889 | 0 | 8.68091 | No | 40.98889 | 0 | 8.68091 |
| 6105 | GLOBAL | Cartesian | 40.98886 | 0 | 8.50284 | No | 40.98886 | 0 | 8.50284 |
| 6106 | GLOBAL | Cartesian | 40.98882 | 0 | 8.32476 | No | 40.98882 | 0 | 8.32476 |
| 6107 | GLOBAL | Cartesian | 40.98878 | 0 | 8.14669 | No | 40.98878 | 0 | 8.14669 |
| 6108 | GLOBAL | Cartesian | 41.17238 | 0 | 8.85387 | No | 41.17238 | 0 | 8.85387 |
| 6109 | GLOBAL | Cartesian | 41.17233 | 0 | 8.6758 | No | 41.17233 | 0 | 8.6758 |
| 6110 | GLOBAL | Cartesian | 41.17229 | 0 | 8.49774 | No | 41.17229 | 0 | 8.49774 |
| 6111 | GLOBAL | Cartesian | 41.17225 | 0 | 8.31967 | No | 41.17225 | 0 | 8.31967 |
| 6112 | GLOBAL | Cartesian | 41.1722 | 0 | 8.1416 | No | 41.1722 | 0 | 8.1416 |
| 6113 | GLOBAL | Cartesian | 41.35582 | 0 | 8.84876 | No | 41.35582 | 0 | 8.84876 |
| 6114 | GLOBAL | Cartesian | 41.35577 | 0 | 8.6707 | No | 41.35577 | 0 | 8.6707 |
| 6115 | GLOBAL | Cartesian | 41.35573 | 0 | 8.49264 | No | 41.35573 | 0 | 8.49264 |
| 6116 | GLOBAL | Cartesian | 41.35568 | 0 | 8.31457 | No | 41.35568 | 0 | 8.31457 |
| 6117 | GLOBAL | Cartesian | 41.35563 | 0 | 8.13651 | No | 41.35563 | 0 | 8.13651 |
| 6118 | GLOBAL | Cartesian | 41.53927 | 0 | 8.84365 | No | 41.53927 | 0 | 8.84365 |
| 6119 | GLOBAL | Cartesian | 41.53922 | 0 | 8.6656 | No | 41.53922 | 0 | 8.6656 |
| 6120 | GLOBAL | Cartesian | 41.53916 | 0 | 8.48754 | No | 41.53916 | 0 | 8.48754 |
| 6121 | GLOBAL | Cartesian | 41.53911 | 0 | 8.30948 | No | 41.53911 | 0 | 8.30948 |
| 6122 | GLOBAL | Cartesian | 41.53905 | 0 | 8.13142 | No | 41.53905 | 0 | 8.13142 |
| 6123 | GLOBAL | Cartesian | 42.29162 | 0 | 8.81861 | No | 42.29162 | 0 | 8.81861 |
| 6124 | GLOBAL | Cartesian | 42.29162 | 0 | 8.64078 | No | 42.29162 | 0 | 8.64078 |
| 6125 | GLOBAL | Cartesian | 42.29162 | 0 | 8.46294 | No | 42.29162 | 0 | 8.46294 |
| 6126 | GLOBAL | Cartesian | 42.29162 | 0 | 8.2851 | No | 42.29162 | 0 | 8.2851 |
| 6127 | GLOBAL | Cartesian | 42.29162 | 0 | 8.10726 | No | 42.29162 | 0 | 8.10726 |
| 6128 | GLOBAL | Cartesian | 42.46022 | 0 | 8.81271 | No | 42.46022 | 0 | 8.81271 |
| 6129 | GLOBAL | Cartesian | 42.46022 | 0 | 8.63479 | No | 42.46022 | 0 | 8.63479 |
| 6130 | GLOBAL | Cartesian | 42.46022 | 0 | 8.45687 | No | 42.46022 | 0 | 8.45687 |
| 6131 | GLOBAL | Cartesian | 42.46022 | 0 | 8.27896 | No | 42.46022 | 0 | 8.27896 |
| 6132 | GLOBAL | Cartesian | 42.46022 | 0 | 8.10104 | No | 42.46022 | 0 | 8.10104 |
| 6133 | GLOBAL | Cartesian | 42.62882 | 0 | 8.8068 | No | 42.62882 | 0 | 8.8068 |
| 6134 | GLOBAL | Cartesian | 42.62882 | 0 | 8.62881 | No | 42.62882 | 0 | 8.62881 |
| 6135 | GLOBAL | Cartesian | 42.62882 | 0 | 8.45081 | No | 42.62882 | 0 | 8.45081 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6136 | GLOBAL | Cartesian | 42.62882 | 0 | 8.27282 | No | 42.62882 | 0 | 8.27282 |
| 6137 | GLOBAL | Cartesian | 42.62882 | 0 | 8.09482 | No | 42.62882 | 0 | 8.09482 |
| 6138 | GLOBAL | Cartesian | 42.79742 | 0 | 8.80089 | No | 42.79742 | 0 | 8.80089 |
| 6139 | GLOBAL | Cartesian | 42.79742 | 0 | 8.62282 | No | 42.79742 | 0 | 8.62282 |
| 6140 | GLOBAL | Cartesian | 42.79742 | 0 | 8.44475 | No | 42.79742 | 0 | 8.44475 |
| 6141 | GLOBAL | Cartesian | 42.79742 | 0 | 8.26668 | No | 42.79742 | 0 | 8.26668 |
| 6142 | GLOBAL | Cartesian | 42.79742 | 0 | 8.08861 | No | 42.79742 | 0 | 8.08861 |
| 6143 | GLOBAL | Cartesian | 42.96602 | 0 | 8.61684 | No | 42.96602 | 0 | 8.61684 |
| 6144 | GLOBAL | Cartesian | 42.96602 | 0 | 8.43869 | No | 42.96602 | 0 | 8.43869 |
| 6145 | GLOBAL | Cartesian | 42.96602 | 0 | 8.26054 | No | 42.96602 | 0 | 8.26054 |
| 6146 | GLOBAL | Cartesian | 43.16118 | 0 | 8.78776 | No | 43.16118 | 0 | 8.78776 |
| 6147 | GLOBAL | Cartesian | 43.16118 | 0 | 8.60962 | No | 43.16118 | 0 | 8.60962 |
| 6148 | GLOBAL | Cartesian | 43.16118 | 0 | 8.43148 | No | 43.16118 | 0 | 8.43148 |
| 6149 | GLOBAL | Cartesian | 43.16118 | 0 | 8.25333 | No | 43.16118 | 0 | 8.25333 |
| 6150 | GLOBAL | Cartesian | 43.16118 | 0 | 8.07519 | No | 43.16118 | 0 | 8.07519 |
| 6151 | GLOBAL | Cartesian | 43.35634 | 0 | 8.78054 | No | 43.35634 | 0 | 8.78054 |
| 6152 | GLOBAL | Cartesian | 43.35634 | 0 | 8.60241 | No | 43.35634 | 0 | 8.60241 |
| 6153 | GLOBAL | Cartesian | 43.35634 | 0 | 8.42427 | No | 43.35634 | 0 | 8.42427 |
| 6154 | GLOBAL | Cartesian | 43.35634 | 0 | 8.24613 | No | 43.35634 | 0 | 8.24613 |
| 6155 | GLOBAL | Cartesian | 43.35634 | 0 | 8.06799 | No | 43.35634 | 0 | 8.06799 |
| 6156 | GLOBAL | Cartesian | 43.5515 | 0 | 8.77332 | No | 43.5515 | 0 | 8.77332 |
| 6157 | GLOBAL | Cartesian | 43.5515 | 0 | 8.59519 | No | 43.5515 | 0 | 8.59519 |
| 6158 | GLOBAL | Cartesian | 43.5515 | 0 | 8.41706 | No | 43.5515 | 0 | 8.41706 |
| 6159 | GLOBAL | Cartesian | 43.5515 | 0 | 8.23892 | No | 43.5515 | 0 | 8.23892 |
| 6160 | GLOBAL | Cartesian | 43.5515 | 0 | 8.06079 | No | 43.5515 | 0 | 8.06079 |
| 6161 | GLOBAL | Cartesian | 43.74667 | 0 | 8.7661 | No | 43.74667 | 0 | 8.7661 |
| 6162 | GLOBAL | Cartesian | 43.74667 | 0 | 8.58797 | No | 43.74667 | 0 | 8.58797 |
| 6163 | GLOBAL | Cartesian | 43.74667 | 0 | 8.40985 | No | 43.74667 | 0 | 8.40985 |
| 6164 | GLOBAL | Cartesian | 43.74667 | 0 | 8.23172 | No | 43.74667 | 0 | 8.23172 |
| 6165 | GLOBAL | Cartesian | 43.74667 | 0 | 8.05359 | No | 43.74667 | 0 | 8.05359 |
| 6166 | GLOBAL | Cartesian | 43.94183 | 0 | 8.75888 | No | 43.94183 | 0 | 8.75888 |
| 6167 | GLOBAL | Cartesian | 43.94183 | 0 | 8.58076 | No | 43.94183 | 0 | 8.58076 |
| 6168 | GLOBAL | Cartesian | 43.94183 | 0 | 8.40264 | No | 43.94183 | 0 | 8.40264 |
| 6169 | GLOBAL | Cartesian | 43.94183 | 0 | 8.22452 | No | 43.94183 | 0 | 8.22452 |
| 6170 | GLOBAL | Cartesian | 43.94183 | 0 | 8.04639 | No | 43.94183 | 0 | 8.04639 |
| 6171 | GLOBAL | Cartesian | 44.13699 | 0 | 8.75166 | No | 44.13699 | 0 | 8.75166 |
| 6172 | GLOBAL | Cartesian | 44.13699 | 0 | 8.57354 | No | 44.13699 | 0 | 8.57354 |
| 6173 | GLOBAL | Cartesian | 44.13699 | 0 | 8.39543 | No | 44.13699 | 0 | 8.39543 |
| 6174 | GLOBAL | Cartesian | 44.13699 | 0 | 8.21731 | No | 44.13699 | 0 | 8.21731 |
| 6175 | GLOBAL | Cartesian | 44.13699 | 0 | 8.0392 | No | 44.13699 | 0 | 8.0392 |
| 6176 | GLOBAL | Cartesian | 44.33215 | 0 | 8.74444 | No | 44.33215 | 0 | 8.74444 |
| 6177 | GLOBAL | Cartesian | 44.33215 | 0 | 8.56633 | No | 44.33215 | 0 | 8.56633 |
| 6178 | GLOBAL | Cartesian | 44.33215 | 0 | 8.38822 | No | 44.33215 | 0 | 8.38822 |
| 6179 | GLOBAL | Cartesian | 44.33215 | 0 | 8.21011 | No | 44.33215 | 0 | 8.21011 |
| 6180 | GLOBAL | Cartesian | 44.33215 | 0 | 8.032 | No | 44.33215 | 0 | 8.032 |
| 6181 | GLOBAL | Cartesian | 44.52732 | 0 | 8.73722 | No | 44.52732 | 0 | 8.73722 |
| 6182 | GLOBAL | Cartesian | 44.52732 | 0 | 8.55911 | No | 44.52732 | 0 | 8.55911 |
| 6183 | GLOBAL | Cartesian | 44.52732 | 0 | 8.38101 | No | 44.52732 | 0 | 8.38101 |
| 6184 | GLOBAL | Cartesian | 44.52732 | 0 | 8.2029 | No | 44.52732 | 0 | 8.2029 |
| 6185 | GLOBAL | Cartesian | 44.52732 | 0 | 8.0248 | No | 44.52732 | 0 | 8.0248 |
| 6186 | GLOBAL | Cartesian | 45.30927 | 0 | 8.70401 | No | 45.30927 | 0 | 8.70401 |
| 6187 | GLOBAL | Cartesian | 45.30927 | 0 | 8.52613 | No | 45.30927 | 0 | 8.52613 |
| 6188 | GLOBAL | Cartesian | 45.30927 | 0 | 8.34825 | No | 45.30927 | 0 | 8.34825 |
| 6189 | GLOBAL | Cartesian | 45.30927 | 0 | 8.17036 | No | 45.30927 | 0 | 8.17036 |
| 6190 | GLOBAL | Cartesian | 45.30927 | 0 | 7.99248 | No | 45.30927 | 0 | 7.99248 |
| 6191 | GLOBAL | Cartesian | 45.49586 | 0 | 8.69575 | No | 45.49586 | 0 | 8.69575 |
| 6192 | GLOBAL | Cartesian | 45.49586 | 0 | 8.51779 | No | 45.49586 | 0 | 8.51779 |
| 6193 | GLOBAL | Cartesian | 45.49586 | 0 | 8.33982 | No | 45.49586 | 0 | 8.33982 |
| 6194 | GLOBAL | Cartesian | 45.49586 | 0 | 8.16186 | No | 45.49586 | 0 | 8.16186 |
| 6195 | GLOBAL | Cartesian | 45.49586 | 0 | 7.98389 | No | 45.49586 | 0 | 7.98389 |
| 6196 | GLOBAL | Cartesian | 45.68246 | 0 | 8.68749 | No | 45.68246 | 0 | 8.68749 |
| 6197 | GLOBAL | Cartesian | 45.68246 | 0 | 8.50944 | No | 45.68246 | 0 | 8.50944 |
| 6198 | GLOBAL | Cartesian | 45.68246 | 0 | 8.3314 | No | 45.68246 | 0 | 8.3314 |
| 6199 | GLOBAL | Cartesian | 45.68246 | 0 | 8.15335 | No | 45.68246 | 0 | 8.15335 |
| 6200 | GLOBAL | Cartesian | 45.68246 | 0 | 7.9753 | No | 45.68246 | 0 | 7.9753 |
| 6201 | GLOBAL | Cartesian | 45.86905 | 0 | 8.67923 | No | 45.86905 | 0 | 8.67923 |
| 6202 | GLOBAL | Cartesian | 45.86905 | 0 | 8.5011 | No | 45.86905 | 0 | 8.5011 |
| 6203 | GLOBAL | Cartesian | 45.86905 | 0 | 8.32297 | No | 45.86905 | 0 | 8.32297 |
| 6204 | GLOBAL | Cartesian | 45.86905 | 0 | 8.14484 | No | 45.86905 | 0 | 8.14484 |
| 6205 | GLOBAL | Cartesian | 45.86905 | 0 | 7.96671 | No | 45.86905 | 0 | 7.96671 |
| 6206 | GLOBAL | Cartesian | 46.05564 | 0 | 8.49276 | No | 46.05564 | 0 | 8.49276 |
| 6207 | GLOBAL | Cartesian | 46.05564 | 0 | 8.31454 | No | 46.05564 | 0 | 8.31454 |
| 6208 | GLOBAL | Cartesian | 46.05564 | 0 | 8.13633 | No | 46.05564 | 0 | 8.13633 |
| 6209 | GLOBAL | Cartesian | 46.24085 | 0 | 8.66255 | No | 46.24085 | 0 | 8.66255 |
| 6210 | GLOBAL | Cartesian | 46.24085 | 0 | 8.48431 | No | 46.24085 | 0 | 8.48431 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6211 | GLOBAL | Cartesian | 46.24085 | 0 | 8.30607 | No | 46.24085 | 0 | 8.30607 |
| 6212 | GLOBAL | Cartesian | 46.24085 | 0 | 8.12784 | No | 46.24085 | 0 | 8.12784 |
| 6213 | GLOBAL | Cartesian | 46.24085 | 0 | 7.9496 | No | 46.24085 | 0 | 7.9496 |
| 6214 | GLOBAL | Cartesian | 46.42605 | 0 | 8.65413 | No | 46.42605 | 0 | 8.65413 |
| 6215 | GLOBAL | Cartesian | 46.42605 | 0 | 8.47586 | No | 46.42605 | 0 | 8.47586 |
| 6216 | GLOBAL | Cartesian | 46.42605 | 0 | 8.2976 | No | 46.42605 | 0 | 8.2976 |
| 6217 | GLOBAL | Cartesian | 46.42605 | 0 | 8.11934 | No | 46.42605 | 0 | 8.11934 |
| 6218 | GLOBAL | Cartesian | 46.42605 | 0 | 7.94107 | No | 46.42605 | 0 | 7.94107 |
| 6219 | GLOBAL | Cartesian | 46.61125 | 0 | 8.64571 | No | 46.61125 | 0 | 8.64571 |
| 6220 | GLOBAL | Cartesian | 46.61125 | 0 | 8.46742 | No | 46.61125 | 0 | 8.46742 |
| 6221 | GLOBAL | Cartesian | 46.61125 | 0 | 8.28913 | No | 46.61125 | 0 | 8.28913 |
| 6222 | GLOBAL | Cartesian | 46.61125 | 0 | 8.11084 | No | 46.61125 | 0 | 8.11084 |
| 6223 | GLOBAL | Cartesian | 46.61125 | 0 | 7.93255 | No | 46.61125 | 0 | 7.93255 |
| 6224 | GLOBAL | Cartesian | 46.79646 | 0 | 8.63729 | No | 46.79646 | 0 | 8.63729 |
| 6225 | GLOBAL | Cartesian | 46.79646 | 0 | 8.45897 | No | 46.79646 | 0 | 8.45897 |
| 6226 | GLOBAL | Cartesian | 46.79646 | 0 | 8.28066 | No | 46.79646 | 0 | 8.28066 |
| 6227 | GLOBAL | Cartesian | 46.79646 | 0 | 8.10234 | No | 46.79646 | 0 | 8.10234 |
| 6228 | GLOBAL | Cartesian | 46.79646 | 0 | 7.92402 | No | 46.79646 | 0 | 7.92402 |
| 6229 | GLOBAL | Cartesian | 46.98166 | 0 | 8.62887 | No | 46.98166 | 0 | 8.62887 |
| 6230 | GLOBAL | Cartesian | 46.98166 | 0 | 8.45053 | No | 46.98166 | 0 | 8.45053 |
| 6231 | GLOBAL | Cartesian | 46.98166 | 0 | 8.27218 | No | 46.98166 | 0 | 8.27218 |
| 6232 | GLOBAL | Cartesian | 46.98166 | 0 | 8.09384 | No | 46.98166 | 0 | 8.09384 |
| 6233 | GLOBAL | Cartesian | 46.98166 | 0 | 7.9155 | No | 46.98166 | 0 | 7.9155 |
| 6234 | GLOBAL | Cartesian | 47.16687 | 0 | 8.62045 | No | 47.16687 | 0 | 8.62045 |
| 6235 | GLOBAL | Cartesian | 47.16687 | 0 | 8.44208 | No | 47.16687 | 0 | 8.44208 |
| 6236 | GLOBAL | Cartesian | 47.16687 | 0 | 8.26371 | No | 47.16687 | 0 | 8.26371 |
| 6237 | GLOBAL | Cartesian | 47.16687 | 0 | 8.08534 | No | 47.16687 | 0 | 8.08534 |
| 6238 | GLOBAL | Cartesian | 47.16687 | 0 | 7.90697 | No | 47.16687 | 0 | 7.90697 |
| 6239 | GLOBAL | Cartesian | 47.35207 | 0 | 8.61204 | No | 47.35207 | 0 | 8.61204 |
| 6240 | GLOBAL | Cartesian | 47.35207 | 0 | 8.43364 | No | 47.35207 | 0 | 8.43364 |
| 6241 | GLOBAL | Cartesian | 47.35207 | 0 | 8.25524 | No | 47.35207 | 0 | 8.25524 |
| 6242 | GLOBAL | Cartesian | 47.35207 | 0 | 8.07684 | No | 47.35207 | 0 | 8.07684 |
| 6243 | GLOBAL | Cartesian | 47.35207 | 0 | 7.89845 | No | 47.35207 | 0 | 7.89845 |
| 6244 | GLOBAL | Cartesian | 47.53727 | 0 | 8.60362 | No | 47.53727 | 0 | 8.60362 |
| 6245 | GLOBAL | Cartesian | 47.53727 | 0 | 8.42519 | No | 47.53727 | 0 | 8.42519 |
| 6246 | GLOBAL | Cartesian | 47.53727 | 0 | 8.24677 | No | 47.53727 | 0 | 8.24677 |
| 6247 | GLOBAL | Cartesian | 47.53727 | 0 | 8.06834 | No | 47.53727 | 0 | 8.06834 |
| 6248 | GLOBAL | Cartesian | 47.53727 | 0 | 7.88992 | No | 47.53727 | 0 | 7.88992 |
| 6249 | GLOBAL | Cartesian | 33.27015 | 0 | 9.12235 | No | 33.27015 | 0 | 9.12235 |
| 6250 | GLOBAL | Cartesian | 33.41875 | 0 | 9.11597 | No | 33.41875 | 0 | 9.11597 |
| 6251 | GLOBAL | Cartesian | 33.56736 | 0 | 9.1096 | No | 33.56736 | 0 | 9.1096 |
| 6252 | GLOBAL | Cartesian | 33.71596 | 0 | 9.10322 | No | 33.71596 | 0 | 9.10322 |
| 6253 | GLOBAL | Cartesian | 33.86456 | 0 | 9.09684 | No | 33.86456 | 0 | 9.09684 |
| 6254 | GLOBAL | Cartesian | 33.41763 | 0 | 9.24549 | No | 33.41763 | 0 | 9.24549 |
| 6255 | GLOBAL | Cartesian | 33.56033 | 0 | 9.2342 | No | 33.56033 | 0 | 9.2342 |
| 6256 | GLOBAL | Cartesian | 33.70303 | 0 | 9.22291 | No | 33.70303 | 0 | 9.22291 |
| 6257 | GLOBAL | Cartesian | 33.84573 | 0 | 9.21162 | No | 33.84573 | 0 | 9.21162 |
| 6258 | GLOBAL | Cartesian | 33.98843 | 0 | 9.20032 | No | 33.98843 | 0 | 9.20032 |
| 6259 | GLOBAL | Cartesian | 33.5651 | 0 | 9.36863 | No | 33.5651 | 0 | 9.36863 |
| 6260 | GLOBAL | Cartesian | 33.7019 | 0 | 9.35242 | No | 33.7019 | 0 | 9.35242 |
| 6261 | GLOBAL | Cartesian | 33.8387 | 0 | 9.33622 | No | 33.8387 | 0 | 9.33622 |
| 6262 | GLOBAL | Cartesian | 33.97551 | 0 | 9.32001 | No | 33.97551 | 0 | 9.32001 |
| 6263 | GLOBAL | Cartesian | 34.11231 | 0 | 9.30381 | No | 34.11231 | 0 | 9.30381 |
| 6264 | GLOBAL | Cartesian | 33.71258 | 0 | 9.49177 | No | 33.71258 | 0 | 9.49177 |
| 6265 | GLOBAL | Cartesian | 33.84348 | 0 | 9.47065 | No | 33.84348 | 0 | 9.47065 |
| 6266 | GLOBAL | Cartesian | 33.97438 | 0 | 9.44953 | No | 33.97438 | 0 | 9.44953 |
| 6267 | GLOBAL | Cartesian | 34.10528 | 0 | 9.42841 | No | 34.10528 | 0 | 9.42841 |
| 6268 | GLOBAL | Cartesian | 34.23618 | 0 | 9.40729 | No | 34.23618 | 0 | 9.40729 |
| 6269 | GLOBAL | Cartesian | 33.86005 | 0 | 9.61491 | No | 33.86005 | 0 | 9.61491 |
| 6270 | GLOBAL | Cartesian | 33.98505 | 0 | 9.58888 | No | 33.98505 | 0 | 9.58888 |
| 6271 | GLOBAL | Cartesian | 34.11005 | 0 | 9.56284 | No | 34.11005 | 0 | 9.56284 |
| 6272 | GLOBAL | Cartesian | 34.23506 | 0 | 9.53681 | No | 34.23506 | 0 | 9.53681 |
| 6273 | GLOBAL | Cartesian | 34.36006 | 0 | 9.51077 | No | 34.36006 | 0 | 9.51077 |
| 6274 | GLOBAL | Cartesian | 34.00752 | 0 | 9.73805 | No | 34.00752 | 0 | 9.73805 |
| 6275 | GLOBAL | Cartesian | 34.12663 | 0 | 9.7071 | No | 34.12663 | 0 | 9.7071 |
| 6276 | GLOBAL | Cartesian | 34.24573 | 0 | 9.67615 | No | 34.24573 | 0 | 9.67615 |
| 6277 | GLOBAL | Cartesian | 34.36483 | 0 | 9.64521 | No | 34.36483 | 0 | 9.64521 |
| 6278 | GLOBAL | Cartesian | 34.48393 | 0 | 9.61426 | No | 34.48393 | 0 | 9.61426 |
| 6279 | GLOBAL | Cartesian | 34.155 | 0 | 9.86119 | No | 34.155 | 0 | 9.86119 |
| 6280 | GLOBAL | Cartesian | 34.2682 | 0 | 9.82533 | No | 34.2682 | 0 | 9.82533 |
| 6281 | GLOBAL | Cartesian | 34.3814 | 0 | 9.78947 | No | 34.3814 | 0 | 9.78947 |
| 6282 | GLOBAL | Cartesian | 34.4946 | 0 | 9.7536 | No | 34.4946 | 0 | 9.7536 |
| 6283 | GLOBAL | Cartesian | 34.60781 | 0 | 9.71774 | No | 34.60781 | 0 | 9.71774 |
| 6284 | GLOBAL | Cartesian | 34.30247 | 0 | 9.98433 | No | 34.30247 | 0 | 9.98433 |
| 6285 | GLOBAL | Cartesian | 34.40977 | 0 | 9.94355 | No | 34.40977 | 0 | 9.94355 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6286 | GLOBAL | Cartesian | 34.51708 | 0 | 9.90278 | No | 34.51708 | 0 | 9.90278 |
| 6287 | GLOBAL | Cartesian | 34.62438 | 0 | 9.862 | No | 34.62438 | 0 | 9.862 |
| 6288 | GLOBAL | Cartesian | 34.73168 | 0 | 9.82123 | No | 34.73168 | 0 | 9.82123 |
| 6289 | GLOBAL | Cartesian | 34.44995 | 0 | 10.10747 | No | 34.44995 | 0 | 10.10747 |
| 6290 | GLOBAL | Cartesian | 34.55135 | 0 | 10.06178 | No | 34.55135 | 0 | 10.06178 |
| 6291 | GLOBAL | Cartesian | 34.65275 | 0 | 10.01609 | No | 34.65275 | 0 | 10.01609 |
| 6292 | GLOBAL | Cartesian | 34.75415 | 0 | 9.9704 | No | 34.75415 | 0 | 9.9704 |
| 6293 | GLOBAL | Cartesian | 34.85556 | 0 | 9.92471 | No | 34.85556 | 0 | 9.92471 |
| 6294 | GLOBAL | Cartesian | 34.59742 | 0 | 10.23061 | No | 34.59742 | 0 | 10.23061 |
| 6295 | GLOBAL | Cartesian | 34.69292 | 0 | 10.18 | No | 34.69292 | 0 | 10.18 |
| 6296 | GLOBAL | Cartesian | 34.78843 | 0 | 10.1294 | No | 34.78843 | 0 | 10.1294 |
| 6297 | GLOBAL | Cartesian | 34.88393 | 0 | 10.0788 | No | 34.88393 | 0 | 10.0788 |
| 6298 | GLOBAL | Cartesian | 34.97943 | 0 | 10.02819 | No | 34.97943 | 0 | 10.02819 |
| 6299 | GLOBAL | Cartesian | 34.74489 | 0 | 10.35375 | No | 34.74489 | 0 | 10.35375 |
| 6300 | GLOBAL | Cartesian | 34.8345 | 0 | 10.29823 | No | 34.8345 | 0 | 10.29823 |
| 6301 | GLOBAL | Cartesian | 34.9241 | 0 | 10.24271 | No | 34.9241 | 0 | 10.24271 |
| 6302 | GLOBAL | Cartesian | 35.0137 | 0 | 10.18719 | No | 35.0137 | 0 | 10.18719 |
| 6303 | GLOBAL | Cartesian | 35.10331 | 0 | 10.13168 | No | 35.10331 | 0 | 10.13168 |
| 6304 | GLOBAL | Cartesian | 34.89237 | 0 | 10.47689 | No | 34.89237 | 0 | 10.47689 |
| 6305 | GLOBAL | Cartesian | 34.97607 | 0 | 10.41645 | No | 34.97607 | 0 | 10.41645 |
| 6306 | GLOBAL | Cartesian | 35.05977 | 0 | 10.35602 | No | 35.05977 | 0 | 10.35602 |
| 6307 | GLOBAL | Cartesian | 35.14348 | 0 | 10.29559 | No | 35.14348 | 0 | 10.29559 |
| 6308 | GLOBAL | Cartesian | 35.22718 | 0 | 10.23516 | No | 35.22718 | 0 | 10.23516 |
| 6309 | GLOBAL | Cartesian | 35.03984 | 0 | 10.60003 | No | 35.03984 | 0 | 10.60003 |
| 6310 | GLOBAL | Cartesian | 35.11764 | 0 | 10.53468 | No | 35.11764 | 0 | 10.53468 |
| 6311 | GLOBAL | Cartesian | 35.19545 | 0 | 10.46933 | No | 35.19545 | 0 | 10.46933 |
| 6312 | GLOBAL | Cartesian | 35.27325 | 0 | 10.40399 | No | 35.27325 | 0 | 10.40399 |
| 6313 | GLOBAL | Cartesian | 35.35105 | 0 | 10.33864 | No | 35.35105 | 0 | 10.33864 |
| 6314 | GLOBAL | Cartesian | 35.18732 | 0 | 10.72317 | No | 35.18732 | 0 | 10.72317 |
| 6315 | GLOBAL | Cartesian | 35.25922 | 0 | 10.65291 | No | 35.25922 | 0 | 10.65291 |
| 6316 | GLOBAL | Cartesian | 35.33112 | 0 | 10.58265 | No | 35.33112 | 0 | 10.58265 |
| 6317 | GLOBAL | Cartesian | 35.40303 | 0 | 10.51239 | No | 35.40303 | 0 | 10.51239 |
| 6318 | GLOBAL | Cartesian | 35.47493 | 0 | 10.44213 | No | 35.47493 | 0 | 10.44213 |
| 6319 | GLOBAL | Cartesian | 35.33479 | 0 | 10.8463 | No | 35.33479 | 0 | 10.8463 |
| 6320 | GLOBAL | Cartesian | 35.40079 | 0 | 10.77113 | No | 35.40079 | 0 | 10.77113 |
| 6321 | GLOBAL | Cartesian | 35.4668 | 0 | 10.69596 | No | 35.4668 | 0 | 10.69596 |
| 6322 | GLOBAL | Cartesian | 35.5328 | 0 | 10.62078 | No | 35.5328 | 0 | 10.62078 |
| 6323 | GLOBAL | Cartesian | 35.5988 | 0 | 10.54561 | No | 35.5988 | 0 | 10.54561 |
| 6324 | GLOBAL | Cartesian | 35.54237 | 0 | 10.88936 | No | 35.54237 | 0 | 10.88936 |
| 6325 | GLOBAL | Cartesian | 35.60247 | 0 | 10.80927 | No | 35.60247 | 0 | 10.80927 |
| 6326 | GLOBAL | Cartesian | 35.66258 | 0 | 10.72918 | No | 35.66258 | 0 | 10.72918 |
| 6327 | GLOBAL | Cartesian | 35.60247 | 0 | 10.95759 | No | 35.60247 | 0 | 10.95759 |
| 6328 | GLOBAL | Cartesian | 35.64254 | 0 | 10.85476 | No | 35.64254 | 0 | 10.85476 |
| 6330 | GLOBAL | Cartesian | 35.68261 | 0 | 10.75193 | No | 35.68261 | 0 | 10.75193 |
| 6332 | GLOBAL | Cartesian | 35.72268 | 0 | 10.84686 | No | 35.72268 | 0 | 10.84686 |
| 6333 | GLOBAL | Cartesian | 36.27776 | 0 | 9.08089 | No | 36.27776 | 0 | 9.08089 |
| 6334 | GLOBAL | Cartesian | 36.44286 | 0 | 9.07332 | No | 36.44286 | 0 | 9.07332 |
| 6335 | GLOBAL | Cartesian | 36.60797 | 0 | 9.06575 | No | 36.60797 | 0 | 9.06575 |
| 6336 | GLOBAL | Cartesian | 36.77308 | 0 | 9.05818 | No | 36.77308 | 0 | 9.05818 |
| 6337 | GLOBAL | Cartesian | 36.93819 | 0 | 9.0506 | No | 36.93819 | 0 | 9.0506 |
| 6338 | GLOBAL | Cartesian | 36.43284 | 0 | 9.1949 | No | 36.43284 | 0 | 9.1949 |
| 6339 | GLOBAL | Cartesian | 36.59104 | 0 | 9.1826 | No | 36.59104 | 0 | 9.1826 |
| 6340 | GLOBAL | Cartesian | 36.74924 | 0 | 9.17031 | No | 36.74924 | 0 | 9.17031 |
| 6341 | GLOBAL | Cartesian | 36.90745 | 0 | 9.15801 | No | 36.90745 | 0 | 9.15801 |
| 6342 | GLOBAL | Cartesian | 37.06565 | 0 | 9.14572 | No | 37.06565 | 0 | 9.14572 |
| 6343 | GLOBAL | Cartesian | 36.58792 | 0 | 9.30891 | No | 36.58792 | 0 | 9.30891 |
| 6344 | GLOBAL | Cartesian | 36.73922 | 0 | 9.29189 | No | 36.73922 | 0 | 9.29189 |
| 6345 | GLOBAL | Cartesian | 36.89051 | 0 | 9.27487 | No | 36.89051 | 0 | 9.27487 |
| 6346 | GLOBAL | Cartesian | 37.04181 | 0 | 9.25785 | No | 37.04181 | 0 | 9.25785 |
| 6347 | GLOBAL | Cartesian | 37.19311 | 0 | 9.24083 | No | 37.19311 | 0 | 9.24083 |
| 6348 | GLOBAL | Cartesian | 36.743 | 0 | 9.42291 | No | 36.743 | 0 | 9.42291 |
| 6349 | GLOBAL | Cartesian | 36.88739 | 0 | 9.40117 | No | 36.88739 | 0 | 9.40117 |
| 6350 | GLOBAL | Cartesian | 37.03179 | 0 | 9.37943 | No | 37.03179 | 0 | 9.37943 |
| 6351 | GLOBAL | Cartesian | 37.17618 | 0 | 9.35769 | No | 37.17618 | 0 | 9.35769 |
| 6352 | GLOBAL | Cartesian | 37.32058 | 0 | 9.33595 | No | 37.32058 | 0 | 9.33595 |
| 6353 | GLOBAL | Cartesian | 36.89808 | 0 | 9.53692 | No | 36.89808 | 0 | 9.53692 |
| 6354 | GLOBAL | Cartesian | 37.03557 | 0 | 9.51046 | No | 37.03557 | 0 | 9.51046 |
| 6355 | GLOBAL | Cartesian | 37.17306 | 0 | 9.48399 | No | 37.17306 | 0 | 9.48399 |
| 6356 | GLOBAL | Cartesian | 37.31055 | 0 | 9.45753 | No | 37.31055 | 0 | 9.45753 |
| 6357 | GLOBAL | Cartesian | 37.44804 | 0 | 9.43106 | No | 37.44804 | 0 | 9.43106 |
| 6358 | GLOBAL | Cartesian | 37.05315 | 0 | 9.65093 | No | 37.05315 | 0 | 9.65093 |
| 6359 | GLOBAL | Cartesian | 37.18374 | 0 | 9.61974 | No | 37.18374 | 0 | 9.61974 |
| 6360 | GLOBAL | Cartesian | 37.31433 | 0 | 9.58855 | No | 37.31433 | 0 | 9.58855 |
| 6361 | GLOBAL | Cartesian | 37.44492 | 0 | 9.55737 | No | 37.44492 | 0 | 9.55737 |
| 6362 | GLOBAL | Cartesian | 37.5755 | 0 | 9.52618 | No | 37.5755 | 0 | 9.52618 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6363 | GLOBAL | Cartesian | 37.20823 | 0 | 9.76493 | No | 37.20823 | 0 | 9.76493 |
| 6364 | GLOBAL | Cartesian | 37.33192 | 0 | 9.72902 | No | 37.33192 | 0 | 9.72902 |
| 6365 | GLOBAL | Cartesian | 37.4556 | 0 | 9.69311 | No | 37.4556 | 0 | 9.69311 |
| 6366 | GLOBAL | Cartesian | 37.57928 | 0 | 9.65721 | No | 37.57928 | 0 | 9.65721 |
| 6367 | GLOBAL | Cartesian | 37.70297 | 0 | 9.6213 | No | 37.70297 | 0 | 9.6213 |
| 6368 | GLOBAL | Cartesian | 37.36331 | 0 | 9.87894 | No | 37.36331 | 0 | 9.87894 |
| 6369 | GLOBAL | Cartesian | 37.48009 | 0 | 9.83831 | No | 37.48009 | 0 | 9.83831 |
| 6370 | GLOBAL | Cartesian | 37.59687 | 0 | 9.79768 | No | 37.59687 | 0 | 9.79768 |
| 6371 | GLOBAL | Cartesian | 37.71365 | 0 | 9.75704 | No | 37.71365 | 0 | 9.75704 |
| 6372 | GLOBAL | Cartesian | 37.83043 | 0 | 9.71641 | No | 37.83043 | 0 | 9.71641 |
| 6373 | GLOBAL | Cartesian | 37.51839 | 0 | 9.99295 | No | 37.51839 | 0 | 9.99295 |
| 6374 | GLOBAL | Cartesian | 37.62827 | 0 | 9.94759 | No | 37.62827 | 0 | 9.94759 |
| 6375 | GLOBAL | Cartesian | 37.73814 | 0 | 9.90224 | No | 37.73814 | 0 | 9.90224 |
| 6376 | GLOBAL | Cartesian | 37.84802 | 0 | 9.85688 | No | 37.84802 | 0 | 9.85688 |
| 6377 | GLOBAL | Cartesian | 37.9579 | 0 | 9.81153 | No | 37.9579 | 0 | 9.81153 |
| 6378 | GLOBAL | Cartesian | 37.67347 | 0 | 10.10695 | No | 37.67347 | 0 | 10.10695 |
| 6379 | GLOBAL | Cartesian | 37.77644 | 0 | 10.05688 | No | 37.77644 | 0 | 10.05688 |
| 6380 | GLOBAL | Cartesian | 37.87942 | 0 | 10.0068 | No | 37.87942 | 0 | 10.0068 |
| 6381 | GLOBAL | Cartesian | 37.98239 | 0 | 9.95672 | No | 37.98239 | 0 | 9.95672 |
| 6382 | GLOBAL | Cartesian | 38.08536 | 0 | 9.90664 | No | 38.08536 | 0 | 9.90664 |
| 6383 | GLOBAL | Cartesian | 37.82855 | 0 | 10.22096 | No | 37.82855 | 0 | 10.22096 |
| 6384 | GLOBAL | Cartesian | 37.92462 | 0 | 10.16616 | No | 37.92462 | 0 | 10.16616 |
| 6385 | GLOBAL | Cartesian | 38.02069 | 0 | 10.11136 | No | 38.02069 | 0 | 10.11136 |
| 6386 | GLOBAL | Cartesian | 38.11676 | 0 | 10.05656 | No | 38.11676 | 0 | 10.05656 |
| 6387 | GLOBAL | Cartesian | 38.21282 | 0 | 10.00176 | No | 38.21282 | 0 | 10.00176 |
| 6388 | GLOBAL | Cartesian | 37.98363 | 0 | 10.33497 | No | 37.98363 | 0 | 10.33497 |
| 6389 | GLOBAL | Cartesian | 38.07279 | 0 | 10.27544 | No | 38.07279 | 0 | 10.27544 |
| 6390 | GLOBAL | Cartesian | 38.16196 | 0 | 10.21592 | No | 38.16196 | 0 | 10.21592 |
| 6391 | GLOBAL | Cartesian | 38.25112 | 0 | 10.1564 | No | 38.25112 | 0 | 10.1564 |
| 6392 | GLOBAL | Cartesian | 38.34029 | 0 | 10.09687 | No | 38.34029 | 0 | 10.09687 |
| 6393 | GLOBAL | Cartesian | 38.13871 | 0 | 10.44898 | No | 38.13871 | 0 | 10.44898 |
| 6394 | GLOBAL | Cartesian | 38.22097 | 0 | 10.38473 | No | 38.22097 | 0 | 10.38473 |
| 6395 | GLOBAL | Cartesian | 38.30323 | 0 | 10.32048 | No | 38.30323 | 0 | 10.32048 |
| 6396 | GLOBAL | Cartesian | 38.38549 | 0 | 10.25623 | No | 38.38549 | 0 | 10.25623 |
| 6397 | GLOBAL | Cartesian | 38.46775 | 0 | 10.19199 | No | 38.46775 | 0 | 10.19199 |
| 6398 | GLOBAL | Cartesian | 38.29379 | 0 | 10.56298 | No | 38.29379 | 0 | 10.56298 |
| 6399 | GLOBAL | Cartesian | 38.36915 | 0 | 10.49401 | No | 38.36915 | 0 | 10.49401 |
| 6400 | GLOBAL | Cartesian | 38.4445 | 0 | 10.42504 | No | 38.4445 | 0 | 10.42504 |
| 6401 | GLOBAL | Cartesian | 38.51986 | 0 | 10.35607 | No | 38.51986 | 0 | 10.35607 |
| 6402 | GLOBAL | Cartesian | 38.59522 | 0 | 10.2871 | No | 38.59522 | 0 | 10.2871 |
| 6403 | GLOBAL | Cartesian | 38.51732 | 0 | 10.6033 | No | 38.51732 | 0 | 10.6033 |
| 6404 | GLOBAL | Cartesian | 38.58577 | 0 | 10.5296 | No | 38.58577 | 0 | 10.5296 |
| 6405 | GLOBAL | Cartesian | 38.65423 | 0 | 10.45591 | No | 38.65423 | 0 | 10.45591 |
| 6406 | GLOBAL | Cartesian | 39.28717 | 0 | 9.01476 | No | 39.28717 | 0 | 9.01476 |
| 6407 | GLOBAL | Cartesian | 39.47019 | 0 | 9.0053 | No | 39.47019 | 0 | 9.0053 |
| 6408 | GLOBAL | Cartesian | 39.65322 | 0 | 8.99585 | No | 39.65322 | 0 | 8.99585 |
| 6409 | GLOBAL | Cartesian | 39.83624 | 0 | 8.98639 | No | 39.83624 | 0 | 8.98639 |
| 6410 | GLOBAL | Cartesian | 40.01926 | 0 | 8.97693 | No | 40.01926 | 0 | 8.97693 |
| 6411 | GLOBAL | Cartesian | 39.45057 | 0 | 9.12016 | No | 39.45057 | 0 | 9.12016 |
| 6412 | GLOBAL | Cartesian | 39.6255 | 0 | 9.10617 | No | 39.6255 | 0 | 9.10617 |
| 6413 | GLOBAL | Cartesian | 39.80042 | 0 | 9.09219 | No | 39.80042 | 0 | 9.09219 |
| 6414 | GLOBAL | Cartesian | 39.97535 | 0 | 9.0782 | No | 39.97535 | 0 | 9.0782 |
| 6415 | GLOBAL | Cartesian | 40.15028 | 0 | 9.06421 | No | 40.15028 | 0 | 9.06421 |
| 6416 | GLOBAL | Cartesian | 39.61397 | 0 | 9.22556 | No | 39.61397 | 0 | 9.22556 |
| 6417 | GLOBAL | Cartesian | 39.7808 | 0 | 9.20704 | No | 39.7808 | 0 | 9.20704 |
| 6418 | GLOBAL | Cartesian | 39.94763 | 0 | 9.18853 | No | 39.94763 | 0 | 9.18853 |
| 6419 | GLOBAL | Cartesian | 40.11446 | 0 | 9.17001 | No | 40.11446 | 0 | 9.17001 |
| 6420 | GLOBAL | Cartesian | 40.28129 | 0 | 9.1515 | No | 40.28129 | 0 | 9.1515 |
| 6421 | GLOBAL | Cartesian | 39.77737 | 0 | 9.33096 | No | 39.77737 | 0 | 9.33096 |
| 6422 | GLOBAL | Cartesian | 39.9361 | 0 | 9.30791 | No | 39.9361 | 0 | 9.30791 |
| 6423 | GLOBAL | Cartesian | 40.09484 | 0 | 9.28487 | No | 40.09484 | 0 | 9.28487 |
| 6424 | GLOBAL | Cartesian | 40.25357 | 0 | 9.26183 | No | 40.25357 | 0 | 9.26183 |
| 6425 | GLOBAL | Cartesian | 40.41231 | 0 | 9.23878 | No | 40.41231 | 0 | 9.23878 |
| 6426 | GLOBAL | Cartesian | 39.94077 | 0 | 9.43636 | No | 39.94077 | 0 | 9.43636 |
| 6427 | GLOBAL | Cartesian | 40.09141 | 0 | 9.40878 | No | 40.09141 | 0 | 9.40878 |
| 6428 | GLOBAL | Cartesian | 40.24205 | 0 | 9.38121 | No | 40.24205 | 0 | 9.38121 |
| 6429 | GLOBAL | Cartesian | 40.39269 | 0 | 9.35364 | No | 40.39269 | 0 | 9.35364 |
| 6430 | GLOBAL | Cartesian | 40.54333 | 0 | 9.32607 | No | 40.54333 | 0 | 9.32607 |
| 6431 | GLOBAL | Cartesian | 40.10416 | 0 | 9.54175 | No | 40.10416 | 0 | 9.54175 |
| 6432 | GLOBAL | Cartesian | 40.24671 | 0 | 9.50965 | No | 40.24671 | 0 | 9.50965 |
| 6433 | GLOBAL | Cartesian | 40.38925 | 0 | 9.47755 | No | 40.38925 | 0 | 9.47755 |
| 6434 | GLOBAL | Cartesian | 40.5318 | 0 | 9.44545 | No | 40.5318 | 0 | 9.44545 |
| 6435 | GLOBAL | Cartesian | 40.67434 | 0 | 9.41335 | No | 40.67434 | 0 | 9.41335 |
| 6436 | GLOBAL | Cartesian | 40.26756 | 0 | 9.64715 | No | 40.26756 | 0 | 9.64715 |
| 6437 | GLOBAL | Cartesian | 40.40201 | 0 | 9.61052 | No | 40.40201 | 0 | 9.61052 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6438 | GLOBAL | Cartesian | 40.53646 | 0 | 9.5739 | No | 40.53646 | 0 | 9.5739 |
| 6439 | GLOBAL | Cartesian | 40.67091 | 0 | 9.53727 | No | 40.67091 | 0 | 9.53727 |
| 6440 | GLOBAL | Cartesian | 40.80536 | 0 | 9.50064 | No | 40.80536 | 0 | 9.50064 |
| 6441 | GLOBAL | Cartesian | 40.43096 | 0 | 9.75255 | No | 40.43096 | 0 | 9.75255 |
| 6442 | GLOBAL | Cartesian | 40.55732 | 0 | 9.71139 | No | 40.55732 | 0 | 9.71139 |
| 6443 | GLOBAL | Cartesian | 40.68367 | 0 | 9.67024 | No | 40.68367 | 0 | 9.67024 |
| 6444 | GLOBAL | Cartesian | 40.81002 | 0 | 9.62908 | No | 40.81002 | 0 | 9.62908 |
| 6445 | GLOBAL | Cartesian | 40.93638 | 0 | 9.58792 | No | 40.93638 | 0 | 9.58792 |
| 6446 | GLOBAL | Cartesian | 40.59436 | 0 | 9.85795 | No | 40.59436 | 0 | 9.85795 |
| 6447 | GLOBAL | Cartesian | 40.71262 | 0 | 9.81226 | No | 40.71262 | 0 | 9.81226 |
| 6448 | GLOBAL | Cartesian | 40.83088 | 0 | 9.76658 | No | 40.83088 | 0 | 9.76658 |
| 6449 | GLOBAL | Cartesian | 40.94913 | 0 | 9.72089 | No | 40.94913 | 0 | 9.72089 |
| 6450 | GLOBAL | Cartesian | 41.06739 | 0 | 9.67521 | No | 41.06739 | 0 | 9.67521 |
| 6451 | GLOBAL | Cartesian | 40.75776 | 0 | 9.96335 | No | 40.75776 | 0 | 9.96335 |
| 6452 | GLOBAL | Cartesian | 40.86792 | 0 | 9.91313 | No | 40.86792 | 0 | 9.91313 |
| 6453 | GLOBAL | Cartesian | 40.97808 | 0 | 9.86292 | No | 40.97808 | 0 | 9.86292 |
| 6454 | GLOBAL | Cartesian | 41.08825 | 0 | 9.81271 | No | 41.08825 | 0 | 9.81271 |
| 6455 | GLOBAL | Cartesian | 41.19841 | 0 | 9.76249 | No | 41.19841 | 0 | 9.76249 |
| 6456 | GLOBAL | Cartesian | 40.92116 | 0 | 10.06875 | No | 40.92116 | 0 | 10.06875 |
| 6457 | GLOBAL | Cartesian | 41.02322 | 0 | 10.014 | No | 41.02322 | 0 | 10.014 |
| 6458 | GLOBAL | Cartesian | 41.12529 | 0 | 9.95926 | No | 41.12529 | 0 | 9.95926 |
| 6459 | GLOBAL | Cartesian | 41.22736 | 0 | 9.90452 | No | 41.22736 | 0 | 9.90452 |
| 6460 | GLOBAL | Cartesian | 41.32942 | 0 | 9.84978 | No | 41.32942 | 0 | 9.84978 |
| 6461 | GLOBAL | Cartesian | 41.08456 | 0 | 10.17415 | No | 41.08456 | 0 | 10.17415 |
| 6462 | GLOBAL | Cartesian | 41.17853 | 0 | 10.11487 | No | 41.17853 | 0 | 10.11487 |
| 6463 | GLOBAL | Cartesian | 41.2725 | 0 | 10.0556 | No | 41.2725 | 0 | 10.0556 |
| 6464 | GLOBAL | Cartesian | 41.36647 | 0 | 9.99633 | No | 41.36647 | 0 | 9.99633 |
| 6465 | GLOBAL | Cartesian | 41.46044 | 0 | 9.93706 | No | 41.46044 | 0 | 9.93706 |
| 6466 | GLOBAL | Cartesian | 41.24795 | 0 | 10.27954 | No | 41.24795 | 0 | 10.27954 |
| 6467 | GLOBAL | Cartesian | 41.33383 | 0 | 10.21574 | No | 41.33383 | 0 | 10.21574 |
| 6468 | GLOBAL | Cartesian | 41.41971 | 0 | 10.15195 | No | 41.41971 | 0 | 10.15195 |
| 6469 | GLOBAL | Cartesian | 41.50558 | 0 | 10.08815 | No | 41.50558 | 0 | 10.08815 |
| 6470 | GLOBAL | Cartesian | 41.59146 | 0 | 10.02435 | No | 41.59146 | 0 | 10.02435 |
| 6471 | GLOBAL | Cartesian | 41.48913 | 0 | 10.31661 | No | 41.48913 | 0 | 10.31661 |
| 6472 | GLOBAL | Cartesian | 41.56691 | 0 | 10.24829 | No | 41.56691 | 0 | 10.24829 |
| 6473 | GLOBAL | Cartesian | 41.64469 | 0 | 10.17996 | No | 41.64469 | 0 | 10.17996 |
| 6474 | GLOBAL | Cartesian | 42.29579 | 0 | 8.92212 | No | 42.29579 | 0 | 8.92212 |
| 6475 | GLOBAL | Cartesian | 42.45686 | 0 | 8.91274 | No | 42.45686 | 0 | 8.91274 |
| 6476 | GLOBAL | Cartesian | 42.61792 | 0 | 8.90336 | No | 42.61792 | 0 | 8.90336 |
| 6477 | GLOBAL | Cartesian | 42.77899 | 0 | 8.89398 | No | 42.77899 | 0 | 8.89398 |
| 6478 | GLOBAL | Cartesian | 42.94006 | 0 | 8.8846 | No | 42.94006 | 0 | 8.8846 |
| 6479 | GLOBAL | Cartesian | 43.10113 | 0 | 8.87522 | No | 43.10113 | 0 | 8.87522 |
| 6480 | GLOBAL | Cartesian | 42.46856 | 0 | 9.01973 | No | 42.46856 | 0 | 9.01973 |
| 6481 | GLOBAL | Cartesian | 42.6221 | 0 | 9.00687 | No | 42.6221 | 0 | 9.00687 |
| 6482 | GLOBAL | Cartesian | 42.77563 | 0 | 8.99402 | No | 42.77563 | 0 | 8.99402 |
| 6483 | GLOBAL | Cartesian | 42.92917 | 0 | 8.98116 | No | 42.92917 | 0 | 8.98116 |
| 6484 | GLOBAL | Cartesian | 43.0827 | 0 | 8.96831 | No | 43.0827 | 0 | 8.96831 |
| 6485 | GLOBAL | Cartesian | 43.23624 | 0 | 8.95545 | No | 43.23624 | 0 | 8.95545 |
| 6486 | GLOBAL | Cartesian | 42.64133 | 0 | 9.11733 | No | 42.64133 | 0 | 9.11733 |
| 6487 | GLOBAL | Cartesian | 42.78734 | 0 | 9.101 | No | 42.78734 | 0 | 9.101 |
| 6488 | GLOBAL | Cartesian | 42.93334 | 0 | 9.08467 | No | 42.93334 | 0 | 9.08467 |
| 6489 | GLOBAL | Cartesian | 43.07935 | 0 | 9.06834 | No | 43.07935 | 0 | 9.06834 |
| 6490 | GLOBAL | Cartesian | 43.22535 | 0 | 9.05202 | No | 43.22535 | 0 | 9.05202 |
| 6491 | GLOBAL | Cartesian | 43.37135 | 0 | 9.03569 | No | 43.37135 | 0 | 9.03569 |
| 6492 | GLOBAL | Cartesian | 42.81411 | 0 | 9.21493 | No | 42.81411 | 0 | 9.21493 |
| 6493 | GLOBAL | Cartesian | 42.95258 | 0 | 9.19513 | No | 42.95258 | 0 | 9.19513 |
| 6494 | GLOBAL | Cartesian | 43.09105 | 0 | 9.17533 | No | 43.09105 | 0 | 9.17533 |
| 6495 | GLOBAL | Cartesian | 43.22952 | 0 | 9.15553 | No | 43.22952 | 0 | 9.15553 |
| 6496 | GLOBAL | Cartesian | 43.36799 | 0 | 9.13572 | No | 43.36799 | 0 | 9.13572 |
| 6497 | GLOBAL | Cartesian | 43.50647 | 0 | 9.11592 | No | 43.50647 | 0 | 9.11592 |
| 6498 | GLOBAL | Cartesian | 42.98688 | 0 | 9.31254 | No | 42.98688 | 0 | 9.31254 |
| 6499 | GLOBAL | Cartesian | 43.11782 | 0 | 9.28926 | No | 43.11782 | 0 | 9.28926 |
| 6500 | GLOBAL | Cartesian | 43.24876 | 0 | 9.26598 | No | 43.24876 | 0 | 9.26598 |
| 6501 | GLOBAL | Cartesian | 43.3797 | 0 | 9.24271 | No | 43.3797 | 0 | 9.24271 |
| 6502 | GLOBAL | Cartesian | 43.51064 | 0 | 9.21943 | No | 43.51064 | 0 | 9.21943 |
| 6503 | GLOBAL | Cartesian | 43.64158 | 0 | 9.19616 | No | 43.64158 | 0 | 9.19616 |
| 6504 | GLOBAL | Cartesian | 43.15965 | 0 | 9.41014 | No | 43.15965 | 0 | 9.41014 |
| 6505 | GLOBAL | Cartesian | 43.28306 | 0 | 9.38339 | No | 43.28306 | 0 | 9.38339 |
| 6506 | GLOBAL | Cartesian | 43.40647 | 0 | 9.35664 | No | 43.40647 | 0 | 9.35664 |
| 6507 | GLOBAL | Cartesian | 43.52988 | 0 | 9.32989 | No | 43.52988 | 0 | 9.32989 |
| 6508 | GLOBAL | Cartesian | 43.65328 | 0 | 9.30314 | No | 43.65328 | 0 | 9.30314 |
| 6509 | GLOBAL | Cartesian | 43.77669 | 0 | 9.27639 | No | 43.77669 | 0 | 9.27639 |
| 6510 | GLOBAL | Cartesian | 43.33242 | 0 | 9.50774 | No | 43.33242 | 0 | 9.50774 |
| 6511 | GLOBAL | Cartesian | 43.4483 | 0 | 9.47752 | No | 43.4483 | 0 | 9.47752 |
| 6512 | GLOBAL | Cartesian | 43.56418 | 0 | 9.4473 | No | 43.56418 | 0 | 9.4473 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6513 | GLOBAL | Cartesian | 43.68005 | 0 | 9.41707 | No | 43.68005 | 0 | 9.41707 |
| 6514 | GLOBAL | Cartesian | 43.79593 | 0 | 9.38685 | No | 43.79593 | 0 | 9.38685 |
| 6515 | GLOBAL | Cartesian | 43.9118 | 0 | 9.35662 | No | 43.9118 | 0 | 9.35662 |
| 6516 | GLOBAL | Cartesian | 43.5052 | 0 | 9.60535 | No | 43.5052 | 0 | 9.60535 |
| 6517 | GLOBAL | Cartesian | 43.61354 | 0 | 9.57165 | No | 43.61354 | 0 | 9.57165 |
| 6518 | GLOBAL | Cartesian | 43.72188 | 0 | 9.53795 | No | 43.72188 | 0 | 9.53795 |
| 6519 | GLOBAL | Cartesian | 43.83023 | 0 | 9.50425 | No | 43.83023 | 0 | 9.50425 |
| 6520 | GLOBAL | Cartesian | 43.93857 | 0 | 9.47055 | No | 43.93857 | 0 | 9.47055 |
| 6521 | GLOBAL | Cartesian | 44.04692 | 0 | 9.43686 | No | 44.04692 | 0 | 9.43686 |
| 6522 | GLOBAL | Cartesian | 43.67797 | 0 | 9.70295 | No | 43.67797 | 0 | 9.70295 |
| 6523 | GLOBAL | Cartesian | 43.77878 | 0 | 9.66578 | No | 43.77878 | 0 | 9.66578 |
| 6524 | GLOBAL | Cartesian | 43.87959 | 0 | 9.62861 | No | 43.87959 | 0 | 9.62861 |
| 6525 | GLOBAL | Cartesian | 43.98041 | 0 | 9.59143 | No | 43.98041 | 0 | 9.59143 |
| 6526 | GLOBAL | Cartesian | 44.08122 | 0 | 9.55426 | No | 44.08122 | 0 | 9.55426 |
| 6527 | GLOBAL | Cartesian | 44.18203 | 0 | 9.51709 | No | 44.18203 | 0 | 9.51709 |
| 6528 | GLOBAL | Cartesian | 43.85074 | 0 | 9.80055 | No | 43.85074 | 0 | 9.80055 |
| 6529 | GLOBAL | Cartesian | 43.94402 | 0 | 9.75991 | No | 43.94402 | 0 | 9.75991 |
| 6530 | GLOBAL | Cartesian | 44.0373 | 0 | 9.71926 | No | 44.0373 | 0 | 9.71926 |
| 6531 | GLOBAL | Cartesian | 44.13058 | 0 | 9.67862 | No | 44.13058 | 0 | 9.67862 |
| 6532 | GLOBAL | Cartesian | 44.22386 | 0 | 9.63797 | No | 44.22386 | 0 | 9.63797 |
| 6533 | GLOBAL | Cartesian | 44.31714 | 0 | 9.59732 | No | 44.31714 | 0 | 9.59732 |
| 6534 | GLOBAL | Cartesian | 44.02351 | 0 | 9.89816 | No | 44.02351 | 0 | 9.89816 |
| 6535 | GLOBAL | Cartesian | 44.10926 | 0 | 9.85404 | No | 44.10926 | 0 | 9.85404 |
| 6536 | GLOBAL | Cartesian | 44.19501 | 0 | 9.80992 | No | 44.19501 | 0 | 9.80992 |
| 6537 | GLOBAL | Cartesian | 44.28076 | 0 | 9.7658 | No | 44.28076 | 0 | 9.7658 |
| 6538 | GLOBAL | Cartesian | 44.36651 | 0 | 9.72168 | No | 44.36651 | 0 | 9.72168 |
| 6539 | GLOBAL | Cartesian | 44.45226 | 0 | 9.67756 | No | 44.45226 | 0 | 9.67756 |
| 6540 | GLOBAL | Cartesian | 44.19629 | 0 | 9.99576 | No | 44.19629 | 0 | 9.99576 |
| 6541 | GLOBAL | Cartesian | 44.2745 | 0 | 9.94817 | No | 44.2745 | 0 | 9.94817 |
| 6542 | GLOBAL | Cartesian | 44.35272 | 0 | 9.90057 | No | 44.35272 | 0 | 9.90057 |
| 6543 | GLOBAL | Cartesian | 44.43094 | 0 | 9.85298 | No | 44.43094 | 0 | 9.85298 |
| 6544 | GLOBAL | Cartesian | 44.50915 | 0 | 9.80539 | No | 44.50915 | 0 | 9.80539 |
| 6545 | GLOBAL | Cartesian | 44.58737 | 0 | 9.75779 | No | 44.58737 | 0 | 9.75779 |
| 6546 | GLOBAL | Cartesian | 44.43974 | 0 | 10.0423 | No | 44.43974 | 0 | 10.0423 |
| 6547 | GLOBAL | Cartesian | 44.51043 | 0 | 9.99123 | No | 44.51043 | 0 | 9.99123 |
| 6548 | GLOBAL | Cartesian | 44.58111 | 0 | 9.94016 | No | 44.58111 | 0 | 9.94016 |
| 6549 | GLOBAL | Cartesian | 44.6518 | 0 | 9.88909 | No | 44.6518 | 0 | 9.88909 |
| 6550 | GLOBAL | Cartesian | 45.29214 | 0 | 8.79609 | No | 45.29214 | 0 | 8.79609 |
| 6551 | GLOBAL | Cartesian | 45.47048 | 0 | 8.78475 | No | 45.47048 | 0 | 8.78475 |
| 6552 | GLOBAL | Cartesian | 45.64883 | 0 | 8.77341 | No | 45.64883 | 0 | 8.77341 |
| 6553 | GLOBAL | Cartesian | 45.82717 | 0 | 8.76206 | No | 45.82717 | 0 | 8.76206 |
| 6554 | GLOBAL | Cartesian | 46.00552 | 0 | 8.75072 | No | 46.00552 | 0 | 8.75072 |
| 6555 | GLOBAL | Cartesian | 46.18386 | 0 | 8.73937 | No | 46.18386 | 0 | 8.73937 |
| 6556 | GLOBAL | Cartesian | 45.46159 | 0 | 8.87991 | No | 45.46159 | 0 | 8.87991 |
| 6557 | GLOBAL | Cartesian | 45.63169 | 0 | 8.86548 | No | 45.63169 | 0 | 8.86548 |
| 6558 | GLOBAL | Cartesian | 45.80179 | 0 | 8.85106 | No | 45.80179 | 0 | 8.85106 |
| 6559 | GLOBAL | Cartesian | 45.97188 | 0 | 8.83663 | No | 45.97188 | 0 | 8.83663 |
| 6560 | GLOBAL | Cartesian | 46.14198 | 0 | 8.82221 | No | 46.14198 | 0 | 8.82221 |
| 6561 | GLOBAL | Cartesian | 46.31208 | 0 | 8.80778 | No | 46.31208 | 0 | 8.80778 |
| 6562 | GLOBAL | Cartesian | 45.63105 | 0 | 8.96373 | No | 45.63105 | 0 | 8.96373 |
| 6563 | GLOBAL | Cartesian | 45.7929 | 0 | 8.94622 | No | 45.7929 | 0 | 8.94622 |
| 6564 | GLOBAL | Cartesian | 45.95475 | 0 | 8.92871 | No | 45.95475 | 0 | 8.92871 |
| 6565 | GLOBAL | Cartesian | 46.1166 | 0 | 8.91121 | No | 46.1166 | 0 | 8.91121 |
| 6566 | GLOBAL | Cartesian | 46.27845 | 0 | 8.8937 | No | 46.27845 | 0 | 8.8937 |
| 6567 | GLOBAL | Cartesian | 46.4403 | 0 | 8.87619 | No | 46.4403 | 0 | 8.87619 |
| 6568 | GLOBAL | Cartesian | 45.8005 | 0 | 9.04755 | No | 45.8005 | 0 | 9.04755 |
| 6569 | GLOBAL | Cartesian | 45.95411 | 0 | 9.02696 | No | 45.95411 | 0 | 9.02696 |
| 6570 | GLOBAL | Cartesian | 46.10771 | 0 | 9.00637 | No | 46.10771 | 0 | 9.00637 |
| 6571 | GLOBAL | Cartesian | 46.26131 | 0 | 8.98578 | No | 46.26131 | 0 | 8.98578 |
| 6572 | GLOBAL | Cartesian | 46.41491 | 0 | 8.96519 | No | 46.41491 | 0 | 8.96519 |
| 6573 | GLOBAL | Cartesian | 46.56851 | 0 | 8.9446 | No | 46.56851 | 0 | 8.9446 |
| 6574 | GLOBAL | Cartesian | 45.96996 | 0 | 9.13136 | No | 45.96996 | 0 | 9.13136 |
| 6575 | GLOBAL | Cartesian | 46.11532 | 0 | 9.10769 | No | 46.11532 | 0 | 9.10769 |
| 6576 | GLOBAL | Cartesian | 46.26067 | 0 | 9.08402 | No | 46.26067 | 0 | 9.08402 |
| 6577 | GLOBAL | Cartesian | 46.40602 | 0 | 9.06035 | No | 46.40602 | 0 | 9.06035 |
| 6578 | GLOBAL | Cartesian | 46.55138 | 0 | 9.03668 | No | 46.55138 | 0 | 9.03668 |
| 6579 | GLOBAL | Cartesian | 46.69673 | 0 | 9.01301 | No | 46.69673 | 0 | 9.01301 |
| 6580 | GLOBAL | Cartesian | 46.13942 | 0 | 9.21518 | No | 46.13942 | 0 | 9.21518 |
| 6581 | GLOBAL | Cartesian | 46.27652 | 0 | 9.18843 | No | 46.27652 | 0 | 9.18843 |
| 6582 | GLOBAL | Cartesian | 46.41363 | 0 | 9.16167 | No | 46.41363 | 0 | 9.16167 |
| 6583 | GLOBAL | Cartesian | 46.55074 | 0 | 9.13492 | No | 46.55074 | 0 | 9.13492 |
| 6584 | GLOBAL | Cartesian | 46.68784 | 0 | 9.10817 | No | 46.68784 | 0 | 9.10817 |
| 6585 | GLOBAL | Cartesian | 46.82495 | 0 | 9.08141 | No | 46.82495 | 0 | 9.08141 |
| 6586 | GLOBAL | Cartesian | 46.30887 | 0 | 9.299 | No | 46.30887 | 0 | 9.299 |
| 6587 | GLOBAL | Cartesian | 46.43773 | 0 | 9.26916 | No | 46.43773 | 0 | 9.26916 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6588 | GLOBAL | Cartesian | 46.56659 | 0 | 9.23933 | No | 46.56659 | 0 | 9.23933 |
| 6589 | GLOBAL | Cartesian | 46.69545 | 0 | 9.20949 | No | 46.69545 | 0 | 9.20949 |
| 6590 | GLOBAL | Cartesian | 46.82431 | 0 | 9.17966 | No | 46.82431 | 0 | 9.17966 |
| 6591 | GLOBAL | Cartesian | 46.95317 | 0 | 9.14982 | No | 46.95317 | 0 | 9.14982 |
| 6592 | GLOBAL | Cartesian | 46.47833 | 0 | 9.38281 | No | 46.47833 | 0 | 9.38281 |
| 6593 | GLOBAL | Cartesian | 46.59894 | 0 | 9.3499 | No | 46.59894 | 0 | 9.3499 |
| 6594 | GLOBAL | Cartesian | 46.71955 | 0 | 9.31698 | No | 46.71955 | 0 | 9.31698 |
| 6595 | GLOBAL | Cartesian | 46.84016 | 0 | 9.28406 | No | 46.84016 | 0 | 9.28406 |
| 6596 | GLOBAL | Cartesian | 46.96078 | 0 | 9.25115 | No | 46.96078 | 0 | 9.25115 |
| 6597 | GLOBAL | Cartesian | 47.08139 | 0 | 9.21823 | No | 47.08139 | 0 | 9.21823 |
| 6598 | GLOBAL | Cartesian | 46.64779 | 0 | 9.46663 | No | 46.64779 | 0 | 9.46663 |
| 6599 | GLOBAL | Cartesian | 46.76015 | 0 | 9.43063 | No | 46.76015 | 0 | 9.43063 |
| 6600 | GLOBAL | Cartesian | 46.87251 | 0 | 9.39463 | No | 46.87251 | 0 | 9.39463 |
| 6601 | GLOBAL | Cartesian | 46.98488 | 0 | 9.35864 | No | 46.98488 | 0 | 9.35864 |
| 6602 | GLOBAL | Cartesian | 47.09724 | 0 | 9.32264 | No | 47.09724 | 0 | 9.32264 |
| 6603 | GLOBAL | Cartesian | 47.20961 | 0 | 9.28664 | No | 47.20961 | 0 | 9.28664 |
| 6604 | GLOBAL | Cartesian | 46.81724 | 0 | 9.55045 | No | 46.81724 | 0 | 9.55045 |
| 6605 | GLOBAL | Cartesian | 46.92136 | 0 | 9.51137 | No | 46.92136 | 0 | 9.51137 |
| 6606 | GLOBAL | Cartesian | 47.02548 | 0 | 9.47229 | No | 47.02548 | 0 | 9.47229 |
| 6607 | GLOBAL | Cartesian | 47.12959 | 0 | 9.43321 | No | 47.12959 | 0 | 9.43321 |
| 6608 | GLOBAL | Cartesian | 47.23371 | 0 | 9.39413 | No | 47.23371 | 0 | 9.39413 |
| 6609 | GLOBAL | Cartesian | 47.33782 | 0 | 9.35505 | No | 47.33782 | 0 | 9.35505 |
| 6610 | GLOBAL | Cartesian | 46.9867 | 0 | 9.63427 | No | 46.9867 | 0 | 9.63427 |
| 6611 | GLOBAL | Cartesian | 47.08257 | 0 | 9.5921 | No | 47.08257 | 0 | 9.5921 |
| 6612 | GLOBAL | Cartesian | 47.17844 | 0 | 9.54994 | No | 47.17844 | 0 | 9.54994 |
| 6613 | GLOBAL | Cartesian | 47.27431 | 0 | 9.50778 | No | 47.27431 | 0 | 9.50778 |
| 6614 | GLOBAL | Cartesian | 47.37017 | 0 | 9.46562 | No | 47.37017 | 0 | 9.46562 |
| 6615 | GLOBAL | Cartesian | 47.46604 | 0 | 9.42345 | No | 47.46604 | 0 | 9.42345 |
| 6616 | GLOBAL | Cartesian | 47.15616 | 0 | 9.71808 | No | 47.15616 | 0 | 9.71808 |
| 6617 | GLOBAL | Cartesian | 47.24378 | 0 | 9.67284 | No | 47.24378 | 0 | 9.67284 |
| 6618 | GLOBAL | Cartesian | 47.3314 | 0 | 9.6276 | No | 47.3314 | 0 | 9.6276 |
| 6619 | GLOBAL | Cartesian | 47.41902 | 0 | 9.58235 | No | 47.41902 | 0 | 9.58235 |
| 6620 | GLOBAL | Cartesian | 47.50664 | 0 | 9.53711 | No | 47.50664 | 0 | 9.53711 |
| 6621 | GLOBAL | Cartesian | 47.59426 | 0 | 9.49186 | No | 47.59426 | 0 | 9.49186 |
| 6622 | GLOBAL | Cartesian | 47.40499 | 0 | 9.75358 | No | 47.40499 | 0 | 9.75358 |
| 6623 | GLOBAL | Cartesian | 47.48436 | 0 | 9.70525 | No | 47.48436 | 0 | 9.70525 |
| 6624 | GLOBAL | Cartesian | 47.56373 | 0 | 9.65692 | No | 47.56373 | 0 | 9.65692 |
| 6625 | GLOBAL | Cartesian | 47.64311 | 0 | 9.6086 | No | 47.64311 | 0 | 9.6086 |
| 6627 | GLOBAL | Cartesian | 47.59019 | 0 | 9.70832 | No | 47.59019 | 0 | 9.70832 |
| 6629 | GLOBAL | Cartesian | 47.65633 | 0 | 9.63429 | No | 47.65633 | 0 | 9.63429 |
| 6630 | GLOBAL | Cartesian | 47.59019 | 0 | 9.64081 | No | 47.59019 | 0 | 9.64081 |
| 6631 | GLOBAL | Cartesian | 47.72248 | 0 | 9.69528 | No | 47.72248 | 0 | 9.69528 |
| 6632 | GLOBAL | Cartesian | 47.72248 | 0 | 9.62777 | No | 47.72248 | 0 | 9.62777 |
| 6633 | GLOBAL | Cartesian | 44.54577 | 0 | 10.07594 | No | 44.54577 | 0 | 10.07594 |
| 6634 | GLOBAL | Cartesian | 44.60467 | 0 | 9.99664 | No | 44.60467 | 0 | 9.99664 |
| 6636 | GLOBAL | Cartesian | 44.66358 | 0 | 9.91733 | No | 44.66358 | 0 | 9.91733 |
| 6638 | GLOBAL | Cartesian | 44.72248 | 0 | 9.98502 | No | 44.72248 | 0 | 9.98502 |
| 6639 | GLOBAL | Cartesian | 44.72248 | 0 | 9.91153 | No | 44.72248 | 0 | 9.91153 |
| 6641 | GLOBAL | Cartesian | 41.61877 | 0 | 10.28362 | No | 41.61877 | 0 | 10.28362 |
| 6643 | GLOBAL | Cartesian | 41.67062 | 0 | 10.19762 | No | 41.67062 | 0 | 10.19762 |
| 6645 | GLOBAL | Cartesian | 41.72247 | 0 | 10.27339 | No | 41.72247 | 0 | 10.27339 |
| 6646 | GLOBAL | Cartesian | 41.72247 | 0 | 10.19251 | No | 41.72247 | 0 | 10.19251 |
| 6647 | GLOBAL | Cartesian | 38.58577 | 0 | 10.66349 | No | 38.58577 | 0 | 10.66349 |
| 6648 | GLOBAL | Cartesian | 38.63141 | 0 | 10.56974 | No | 38.63141 | 0 | 10.56974 |
| 6650 | GLOBAL | Cartesian | 38.67704 | 0 | 10.47598 | No | 38.67704 | 0 | 10.47598 |
| 6652 | GLOBAL | Cartesian | 38.72268 | 0 | 10.56074 | No | 38.72268 | 0 | 10.56074 |
| 6653 | GLOBAL | Cartesian | 38.72268 | 0 | 10.47148 | No | 38.72268 | 0 | 10.47148 |
| 6654 | GLOBAL | Cartesian | 32.48066 | 0 | 11.23333 | No | 32.48066 | 0 | 11.23333 |
| 6655 | GLOBAL | Cartesian | 32.60167 | 0 | 11.15505 | No | 32.60167 | 0 | 11.15505 |
| 6657 | GLOBAL | Cartesian | 32.72268 | 0 | 11.07677 | No | 32.72268 | 0 | 11.07677 |
| 6658 | GLOBAL | Cartesian | 32.61717 | 0 | 11.25189 | No | 32.61717 | 0 | 11.25189 |
| 6659 | GLOBAL | Cartesian | 31.55105 | 0 | 10.36512 | No | 31.55105 | 0 | 10.36512 |
| 6660 | GLOBAL | Cartesian | 31.64789 | 0 | 10.27312 | No | 31.64789 | 0 | 10.27312 |
| 6661 | GLOBAL | Cartesian | 31.52035 | 0 | 10.154 | No | 31.52035 | 0 | 10.154 |
| 6662 | GLOBAL | Cartesian | 31.74473 | 0 | 10.18112 | No | 31.74473 | 0 | 10.18112 |
| 6663 | GLOBAL | Cartesian | 31.61802 | 0 | 10.06278 | No | 31.61802 | 0 | 10.06278 |
| 6664 | GLOBAL | Cartesian | 31.84157 | 0 | 10.08912 | No | 31.84157 | 0 | 10.08912 |
| 6665 | GLOBAL | Cartesian | 31.67942 | 0 | 10.48501 | No | 31.67942 | 0 | 10.48501 |
| 6666 | GLOBAL | Cartesian | 31.77543 | 0 | 10.39223 | No | 31.77543 | 0 | 10.39223 |
| 6667 | GLOBAL | Cartesian | 31.87143 | 0 | 10.29946 | No | 31.87143 | 0 | 10.29946 |
| 6668 | GLOBAL | Cartesian | 31.96744 | 0 | 10.20668 | No | 31.96744 | 0 | 10.20668 |
| 6669 | GLOBAL | Cartesian | 31.80779 | 0 | 10.6049 | No | 31.80779 | 0 | 10.6049 |
| 6670 | GLOBAL | Cartesian | 31.90297 | 0 | 10.51135 | No | 31.90297 | 0 | 10.51135 |
| 6671 | GLOBAL | Cartesian | 31.99814 | 0 | 10.4178 | No | 31.99814 | 0 | 10.4178 |
| 6672 | GLOBAL | Cartesian | 32.09331 | 0 | 10.32424 | No | 32.09331 | 0 | 10.32424 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6673 | GLOBAL | Cartesian | 31.93617 | 0 | 10.7248 | No | 31.93617 | 0 | 10.7248 |
| 6674 | GLOBAL | Cartesian | 32.03051 | 0 | 10.63047 | No | 32.03051 | 0 | 10.63047 |
| 6675 | GLOBAL | Cartesian | 32.12485 | 0 | 10.53613 | No | 32.12485 | 0 | 10.53613 |
| 6676 | GLOBAL | Cartesian | 32.21919 | 0 | 10.4418 | No | 32.21919 | 0 | 10.4418 |
| 6677 | GLOBAL | Cartesian | 32.06454 | 0 | 10.84469 | No | 32.06454 | 0 | 10.84469 |
| 6678 | GLOBAL | Cartesian | 32.15804 | 0 | 10.74958 | No | 32.15804 | 0 | 10.74958 |
| 6679 | GLOBAL | Cartesian | 32.25155 | 0 | 10.65447 | No | 32.25155 | 0 | 10.65447 |
| 6680 | GLOBAL | Cartesian | 32.34506 | 0 | 10.55936 | No | 32.34506 | 0 | 10.55936 |
| 6681 | GLOBAL | Cartesian | 32.19291 | 0 | 10.96459 | No | 32.19291 | 0 | 10.96459 |
| 6682 | GLOBAL | Cartesian | 32.28558 | 0 | 10.8687 | No | 32.28558 | 0 | 10.8687 |
| 6683 | GLOBAL | Cartesian | 32.37826 | 0 | 10.77281 | No | 32.37826 | 0 | 10.77281 |
| 6684 | GLOBAL | Cartesian | 32.47093 | 0 | 10.67692 | No | 32.47093 | 0 | 10.67692 |
| 6685 | GLOBAL | Cartesian | 32.32128 | 0 | 11.08448 | No | 32.32128 | 0 | 11.08448 |
| 6686 | GLOBAL | Cartesian | 32.41312 | 0 | 10.98782 | No | 32.41312 | 0 | 10.98782 |
| 6687 | GLOBAL | Cartesian | 32.50496 | 0 | 10.89115 | No | 32.50496 | 0 | 10.89115 |
| 6688 | GLOBAL | Cartesian | 32.59681 | 0 | 10.79448 | No | 32.59681 | 0 | 10.79448 |
| 6689 | GLOBAL | Cartesian | 32.54066 | 0 | 11.10693 | No | 32.54066 | 0 | 11.10693 |
| 6690 | GLOBAL | Cartesian | 32.63167 | 0 | 11.00949 | No | 32.63167 | 0 | 11.00949 |
| 6691 | GLOBAL | Cartesian | 31.61802 | 0 | 9.88034 | No | 31.61802 | 0 | 9.88034 |
| 6692 | GLOBAL | Cartesian | 31.55291 | 0 | 10.00197 | No | 31.55291 | 0 | 10.00197 |
| 6693 | GLOBAL | Cartesian | 31.48779 | 0 | 10.12359 | No | 31.48779 | 0 | 10.12359 |
| 6694 | GLOBAL | Cartesian | 31.52035 | 0 | 9.78912 | No | 31.52035 | 0 | 9.78912 |
| 6695 | GLOBAL | Cartesian | 31.48779 | 0 | 9.94115 | No | 31.48779 | 0 | 9.94115 |
| 6696 | GLOBAL | Cartesian | 31.45524 | 0 | 10.09319 | No | 31.45524 | 0 | 10.09319 |
| 6697 | GLOBAL | Cartesian | 31.42268 | 0 | 9.88034 | Yes | 31.42268 | 0 | 9.88034 |
| 6698 | GLOBAL | Cartesian | 31.42268 | 0 | 10.06278 | Yes | 31.42268 | 0 | 10.06278 |
| 6699 | GLOBAL | Cartesian | 31.85955 | 0 | 9.83319 | No | 31.85955 | 0 | 9.83319 |
| 6700 | GLOBAL | Cartesian | 31.74908 | 0 | 9.75526 | No | 31.74908 | 0 | 9.75526 |
| 6701 | GLOBAL | Cartesian | 31.63862 | 0 | 9.67732 | No | 31.63862 | 0 | 9.67732 |
| 6702 | GLOBAL | Cartesian | 31.52816 | 0 | 9.59939 | No | 31.52816 | 0 | 9.59939 |
| 6703 | GLOBAL | Cartesian | 32.0034 | 0 | 9.69483 | No | 32.0034 | 0 | 9.69483 |
| 6704 | GLOBAL | Cartesian | 31.88015 | 0 | 9.63018 | No | 31.88015 | 0 | 9.63018 |
| 6705 | GLOBAL | Cartesian | 31.75689 | 0 | 9.56553 | No | 31.75689 | 0 | 9.56553 |
| 6706 | GLOBAL | Cartesian | 31.63363 | 0 | 9.50087 | No | 31.63363 | 0 | 9.50087 |
| 6707 | GLOBAL | Cartesian | 32.14726 | 0 | 9.55646 | No | 32.14726 | 0 | 9.55646 |
| 6708 | GLOBAL | Cartesian | 32.01121 | 0 | 9.5051 | No | 32.01121 | 0 | 9.5051 |
| 6709 | GLOBAL | Cartesian | 31.87516 | 0 | 9.45373 | No | 31.87516 | 0 | 9.45373 |
| 6710 | GLOBAL | Cartesian | 31.73911 | 0 | 9.40236 | No | 31.73911 | 0 | 9.40236 |
| 6711 | GLOBAL | Cartesian | 32.29111 | 0 | 9.4181 | No | 32.29111 | 0 | 9.4181 |
| 6712 | GLOBAL | Cartesian | 32.14227 | 0 | 9.38002 | No | 32.14227 | 0 | 9.38002 |
| 6713 | GLOBAL | Cartesian | 31.99343 | 0 | 9.34193 | No | 31.99343 | 0 | 9.34193 |
| 6714 | GLOBAL | Cartesian | 31.84458 | 0 | 9.30385 | No | 31.84458 | 0 | 9.30385 |
| 6715 | GLOBAL | Cartesian | 32.43497 | 0 | 9.27973 | No | 32.43497 | 0 | 9.27973 |
| 6716 | GLOBAL | Cartesian | 32.27333 | 0 | 9.25494 | No | 32.27333 | 0 | 9.25494 |
| 6717 | GLOBAL | Cartesian | 32.1117 | 0 | 9.23014 | No | 32.1117 | 0 | 9.23014 |
| 6718 | GLOBAL | Cartesian | 31.95006 | 0 | 9.20534 | No | 31.95006 | 0 | 9.20534 |
| 6719 | GLOBAL | Cartesian | 32.57882 | 0 | 9.14137 | No | 32.57882 | 0 | 9.14137 |
| 6720 | GLOBAL | Cartesian | 32.40439 | 0 | 9.12985 | No | 32.40439 | 0 | 9.12985 |
| 6721 | GLOBAL | Cartesian | 32.22997 | 0 | 9.11834 | No | 32.22997 | 0 | 9.11834 |
| 6722 | GLOBAL | Cartesian | 32.05554 | 0 | 9.10683 | No | 32.05554 | 0 | 9.10683 |
| 6723 | GLOBAL | Cartesian | 32.53546 | 0 | 9.00477 | No | 32.53546 | 0 | 9.00477 |
| 6724 | GLOBAL | Cartesian | 32.34823 | 0 | 9.00655 | No | 32.34823 | 0 | 9.00655 |
| 6725 | GLOBAL | Cartesian | 32.53489 | 0 | 8.82554 | No | 32.53489 | 0 | 8.82554 |
| 6726 | GLOBAL | Cartesian | 32.3471 | 0 | 8.82687 | No | 32.3471 | 0 | 8.82687 |
| 6727 | GLOBAL | Cartesian | 32.15931 | 0 | 8.8282 | No | 32.15931 | 0 | 8.8282 |
| 6728 | GLOBAL | Cartesian | 32.53432 | 0 | 8.64631 | No | 32.53432 | 0 | 8.64631 |
| 6729 | GLOBAL | Cartesian | 32.34596 | 0 | 8.6472 | No | 32.34596 | 0 | 8.6472 |
| 6730 | GLOBAL | Cartesian | 32.1576 | 0 | 8.64808 | No | 32.1576 | 0 | 8.64808 |
| 6731 | GLOBAL | Cartesian | 32.53375 | 0 | 8.46708 | No | 32.53375 | 0 | 8.46708 |
| 6732 | GLOBAL | Cartesian | 32.34482 | 0 | 8.46752 | No | 32.34482 | 0 | 8.46752 |
| 6733 | GLOBAL | Cartesian | 32.15589 | 0 | 8.46796 | No | 32.15589 | 0 | 8.46796 |
| 6734 | GLOBAL | Cartesian | 32.53318 | 0 | 8.28784 | No | 32.53318 | 0 | 8.28784 |
| 6735 | GLOBAL | Cartesian | 32.34368 | 0 | 8.28784 | No | 32.34368 | 0 | 8.28784 |
| 6736 | GLOBAL | Cartesian | 31.97515 | 0 | 8.8282 | No | 31.97515 | 0 | 8.8282 |
| 6737 | GLOBAL | Cartesian | 31.97643 | 0 | 9.00832 | No | 31.97643 | 0 | 9.00832 |
| 6738 | GLOBAL | Cartesian | 31.79099 | 0 | 8.8282 | No | 31.79099 | 0 | 8.8282 |
| 6739 | GLOBAL | Cartesian | 31.79185 | 0 | 9.00832 | No | 31.79185 | 0 | 9.00832 |
| 6740 | GLOBAL | Cartesian | 31.60684 | 0 | 8.8282 | No | 31.60684 | 0 | 8.8282 |
| 6741 | GLOBAL | Cartesian | 31.60726 | 0 | 9.00832 | No | 31.60726 | 0 | 9.00832 |
| 6742 | GLOBAL | Cartesian | 31.42268 | 0 | 8.8282 | Yes | 31.42268 | 0 | 8.8282 |
| 6743 | GLOBAL | Cartesian | 31.97387 | 0 | 8.64808 | No | 31.97387 | 0 | 8.64808 |
| 6744 | GLOBAL | Cartesian | 31.79014 | 0 | 8.64808 | No | 31.79014 | 0 | 8.64808 |
| 6745 | GLOBAL | Cartesian | 31.60641 | 0 | 8.64808 | No | 31.60641 | 0 | 8.64808 |
| 6746 | GLOBAL | Cartesian | 31.42268 | 0 | 8.64808 | Yes | 31.42268 | 0 | 8.64808 |
| 6747 | GLOBAL | Cartesian | 31.97259 | 0 | 8.46796 | No | 31.97259 | 0 | 8.46796 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6748 | GLOBAL | Cartesian | 31.78929 | 0 | 8.46796 | No | 31.78929 | 0 | 8.46796 |
| 6749 | GLOBAL | Cartesian | 31.60598 | 0 | 8.46796 | No | 31.60598 | 0 | 8.46796 |
| 6750 | GLOBAL | Cartesian | 31.42268 | 0 | 8.46796 | Yes | 31.42268 | 0 | 8.46796 |
| 6751 | GLOBAL | Cartesian | 31.97131 | 0 | 8.28784 | No | 31.97131 | 0 | 8.28784 |
| 6752 | GLOBAL | Cartesian | 31.78843 | 0 | 8.28784 | No | 31.78843 | 0 | 8.28784 |
| 6753 | GLOBAL | Cartesian | 31.60556 | 0 | 8.28784 | No | 31.60556 | 0 | 8.28784 |
| 6754 | GLOBAL | Cartesian | 32.82268 | 0 | 8.8235 | No | 32.82268 | 0 | 8.8235 |
| 6755 | GLOBAL | Cartesian | 33.02268 | 0 | 8.82186 | No | 33.02268 | 0 | 8.82186 |
| 6756 | GLOBAL | Cartesian | 32.82268 | 0 | 8.64495 | No | 32.82268 | 0 | 8.64495 |
| 6757 | GLOBAL | Cartesian | 33.02268 | 0 | 8.64357 | No | 33.02268 | 0 | 8.64357 |
| 6758 | GLOBAL | Cartesian | 32.82268 | 0 | 8.4664 | No | 32.82268 | 0 | 8.4664 |
| 6759 | GLOBAL | Cartesian | 33.02268 | 0 | 8.46527 | No | 33.02268 | 0 | 8.46527 |
| 6760 | GLOBAL | Cartesian | 32.82268 | 0 | 8.28784 | No | 32.82268 | 0 | 8.28784 |
| 6761 | GLOBAL | Cartesian | 33.02268 | 0 | 8.28697 | No | 33.02268 | 0 | 8.28697 |
| 6762 | GLOBAL | Cartesian | 35.8227 | 0 | 8.79402 | No | 35.8227 | 0 | 8.79402 |
| 6763 | GLOBAL | Cartesian | 35.8227 | 0 | 8.61619 | No | 35.8227 | 0 | 8.61619 |
| 6764 | GLOBAL | Cartesian | 35.82269 | 0 | 8.43836 | No | 35.82269 | 0 | 8.43836 |
| 6765 | GLOBAL | Cartesian | 35.82269 | 0 | 8.26053 | No | 35.82269 | 0 | 8.26053 |
| 6766 | GLOBAL | Cartesian | 50.92268 | 0 | 9.54778 | No | 50.92268 | 0 | 9.54778 |
| 6767 | GLOBAL | Cartesian | 50.92268 | 0 | 8.26259 | No | 50.92268 | 0 | 8.26259 |
| 6768 | GLOBAL | Cartesian | 50.92268 | 0 | 8.0773 | No | 50.92268 | 0 | 8.0773 |
| 6769 | GLOBAL | Cartesian | 50.92268 | 0 | 9.28073 | No | 50.92268 | 0 | 9.28073 |
| 6770 | GLOBAL | Cartesian | 50.92268 | 0 | 9.11416 | No | 50.92268 | 0 | 9.11416 |
| 6771 | GLOBAL | Cartesian | 50.92268 | 0 | 8.94759 | No | 50.92268 | 0 | 8.94759 |
| 6772 | GLOBAL | Cartesian | 50.92268 | 0 | 8.78102 | No | 50.92268 | 0 | 8.78102 |
| 6773 | GLOBAL | Cartesian | 50.92268 | 0 | 8.61446 | No | 50.92268 | 0 | 8.61446 |
| 6774 | GLOBAL | Cartesian | 53.92268 | 0 | 8.11402 | No | 53.92268 | 0 | 8.11402 |
| 6775 | GLOBAL | Cartesian | 53.92268 | 0 | 7.91825 | No | 53.92268 | 0 | 7.91825 |
| 6776 | GLOBAL | Cartesian | 50.92268 | 0 | 7.892 | No | 50.92268 | 0 | 7.892 |
| 6777 | GLOBAL | Cartesian | 53.92268 | 0 | 9.25203 | No | 53.92268 | 0 | 9.25203 |
| 6778 | GLOBAL | Cartesian | 53.92268 | 0 | 9.01126 | No | 53.92268 | 0 | 9.01126 |
| 6779 | GLOBAL | Cartesian | 53.92268 | 0 | 8.87096 | No | 53.92268 | 0 | 8.87096 |
| 6780 | GLOBAL | Cartesian | 53.92268 | 0 | 8.73067 | No | 53.92268 | 0 | 8.73067 |
| 6781 | GLOBAL | Cartesian | 53.92268 | 0 | 8.59038 | No | 53.92268 | 0 | 8.59038 |
| 6782 | GLOBAL | Cartesian | 53.92268 | 0 | 8.45009 | No | 53.92268 | 0 | 8.45009 |
| 6783 | GLOBAL | Cartesian | 53.92268 | 0 | 7.72248 | No | 53.92268 | 0 | 7.72248 |
| 6784 | GLOBAL | Cartesian | 48.11018 | 0 | 9.92553 | No | 48.11018 | 0 | 9.92553 |
| 6785 | GLOBAL | Cartesian | 48.11018 | 0 | 9.82504 | No | 48.11018 | 0 | 9.82504 |
| 6786 | GLOBAL | Cartesian | 48.29768 | 0 | 9.90704 | No | 48.29768 | 0 | 9.90704 |
| 6787 | GLOBAL | Cartesian | 48.29768 | 0 | 9.80656 | No | 48.29768 | 0 | 9.80656 |
| 6788 | GLOBAL | Cartesian | 48.48518 | 0 | 9.88856 | No | 48.48518 | 0 | 9.88856 |
| 6789 | GLOBAL | Cartesian | 48.48518 | 0 | 9.78807 | No | 48.48518 | 0 | 9.78807 |
| 6790 | GLOBAL | Cartesian | 48.67268 | 0 | 9.87007 | No | 48.67268 | 0 | 9.87007 |
| 6791 | GLOBAL | Cartesian | 48.67268 | 0 | 9.76959 | No | 48.67268 | 0 | 9.76959 |
| 6792 | GLOBAL | Cartesian | 48.86018 | 0 | 9.85159 | No | 48.86018 | 0 | 9.85159 |
| 6793 | GLOBAL | Cartesian | 48.86018 | 0 | 9.75111 | No | 48.86018 | 0 | 9.75111 |
| 6794 | GLOBAL | Cartesian | 49.04768 | 0 | 9.83311 | No | 49.04768 | 0 | 9.83311 |
| 6795 | GLOBAL | Cartesian | 49.04768 | 0 | 9.73262 | No | 49.04768 | 0 | 9.73262 |
| 6796 | GLOBAL | Cartesian | 49.23518 | 0 | 9.81462 | No | 49.23518 | 0 | 9.81462 |
| 6797 | GLOBAL | Cartesian | 49.23518 | 0 | 9.71414 | No | 49.23518 | 0 | 9.71414 |
| 6798 | GLOBAL | Cartesian | 49.42268 | 0 | 9.79614 | No | 49.42268 | 0 | 9.79614 |
| 6799 | GLOBAL | Cartesian | 49.42268 | 0 | 9.69565 | No | 49.42268 | 0 | 9.69565 |
| 6800 | GLOBAL | Cartesian | 49.61018 | 0 | 9.77765 | No | 49.61018 | 0 | 9.77765 |
| 6801 | GLOBAL | Cartesian | 49.61018 | 0 | 9.67717 | No | 49.61018 | 0 | 9.67717 |
| 6802 | GLOBAL | Cartesian | 49.79768 | 0 | 9.75917 | No | 49.79768 | 0 | 9.75917 |
| 6803 | GLOBAL | Cartesian | 49.79768 | 0 | 9.65868 | No | 49.79768 | 0 | 9.65868 |
| 6804 | GLOBAL | Cartesian | 49.98518 | 0 | 9.74069 | No | 49.98518 | 0 | 9.74069 |
| 6805 | GLOBAL | Cartesian | 49.98518 | 0 | 9.6402 | No | 49.98518 | 0 | 9.6402 |
| 6806 | GLOBAL | Cartesian | 50.17268 | 0 | 9.7222 | No | 50.17268 | 0 | 9.7222 |
| 6807 | GLOBAL | Cartesian | 50.17268 | 0 | 9.62172 | No | 50.17268 | 0 | 9.62172 |
| 6808 | GLOBAL | Cartesian | 50.36018 | 0 | 9.70372 | No | 50.36018 | 0 | 9.70372 |
| 6809 | GLOBAL | Cartesian | 50.36018 | 0 | 9.60323 | No | 50.36018 | 0 | 9.60323 |
| 6810 | GLOBAL | Cartesian | 50.54768 | 0 | 9.68523 | No | 50.54768 | 0 | 9.68523 |
| 6811 | GLOBAL | Cartesian | 50.54768 | 0 | 9.58475 | No | 50.54768 | 0 | 9.58475 |
| 6812 | GLOBAL | Cartesian | 50.73518 | 0 | 9.66675 | No | 50.73518 | 0 | 9.66675 |
| 6813 | GLOBAL | Cartesian | 50.73518 | 0 | 9.56626 | No | 50.73518 | 0 | 9.56626 |
| 6814 | GLOBAL | Cartesian | 48.11018 | 0 | 9.72456 | No | 48.11018 | 0 | 9.72456 |
| 6815 | GLOBAL | Cartesian | 48.29768 | 0 | 9.70607 | No | 48.29768 | 0 | 9.70607 |
| 6816 | GLOBAL | Cartesian | 48.48518 | 0 | 9.68759 | No | 48.48518 | 0 | 9.68759 |
| 6817 | GLOBAL | Cartesian | 48.67268 | 0 | 9.6691 | No | 48.67268 | 0 | 9.6691 |
| 6818 | GLOBAL | Cartesian | 48.86018 | 0 | 9.65062 | No | 48.86018 | 0 | 9.65062 |
| 6819 | GLOBAL | Cartesian | 49.04768 | 0 | 9.63214 | No | 49.04768 | 0 | 9.63214 |
| 6820 | GLOBAL | Cartesian | 49.23518 | 0 | 9.61365 | No | 49.23518 | 0 | 9.61365 |
| 6821 | GLOBAL | Cartesian | 49.42268 | 0 | 9.59517 | No | 49.42268 | 0 | 9.59517 |
| 6822 | GLOBAL | Cartesian | 49.61018 | 0 | 9.57668 | No | 49.61018 | 0 | 9.57668 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6823 | GLOBAL | Cartesian | 49.79768 | 0 | 9.5582 | No | 49.79768 | 0 | 9.5582 |
| 6824 | GLOBAL | Cartesian | 49.98518 | 0 | 9.53972 | No | 49.98518 | 0 | 9.53972 |
| 6825 | GLOBAL | Cartesian | 50.17268 | 0 | 9.52123 | No | 50.17268 | 0 | 9.52123 |
| 6826 | GLOBAL | Cartesian | 50.36018 | 0 | 9.50275 | No | 50.36018 | 0 | 9.50275 |
| 6827 | GLOBAL | Cartesian | 50.54768 | 0 | 9.48426 | No | 50.54768 | 0 | 9.48426 |
| 6828 | GLOBAL | Cartesian | 50.73518 | 0 | 9.46578 | No | 50.73518 | 0 | 9.46578 |
| 6829 | GLOBAL | Cartesian | 48.11018 | 0 | 8.57735 | No | 48.11018 | 0 | 8.57735 |
| 6830 | GLOBAL | Cartesian | 48.11018 | 0 | 8.39847 | No | 48.11018 | 0 | 8.39847 |
| 6831 | GLOBAL | Cartesian | 48.29768 | 0 | 8.56872 | No | 48.29768 | 0 | 8.56872 |
| 6832 | GLOBAL | Cartesian | 48.29768 | 0 | 8.38941 | No | 48.29768 | 0 | 8.38941 |
| 6833 | GLOBAL | Cartesian | 48.48518 | 0 | 8.56009 | No | 48.48518 | 0 | 8.56009 |
| 6834 | GLOBAL | Cartesian | 48.48518 | 0 | 8.38036 | No | 48.48518 | 0 | 8.38036 |
| 6835 | GLOBAL | Cartesian | 48.67268 | 0 | 8.55146 | No | 48.67268 | 0 | 8.55146 |
| 6836 | GLOBAL | Cartesian | 48.67268 | 0 | 8.3713 | No | 48.67268 | 0 | 8.3713 |
| 6837 | GLOBAL | Cartesian | 48.86018 | 0 | 8.54283 | No | 48.86018 | 0 | 8.54283 |
| 6838 | GLOBAL | Cartesian | 48.86018 | 0 | 8.36224 | No | 48.86018 | 0 | 8.36224 |
| 6839 | GLOBAL | Cartesian | 49.04768 | 0 | 8.5342 | No | 49.04768 | 0 | 8.5342 |
| 6840 | GLOBAL | Cartesian | 49.04768 | 0 | 8.35318 | No | 49.04768 | 0 | 8.35318 |
| 6841 | GLOBAL | Cartesian | 49.23518 | 0 | 8.52557 | No | 49.23518 | 0 | 8.52557 |
| 6842 | GLOBAL | Cartesian | 49.23518 | 0 | 8.34412 | No | 49.23518 | 0 | 8.34412 |
| 6843 | GLOBAL | Cartesian | 49.42268 | 0 | 8.51693 | No | 49.42268 | 0 | 8.51693 |
| 6844 | GLOBAL | Cartesian | 49.42268 | 0 | 8.33506 | No | 49.42268 | 0 | 8.33506 |
| 6845 | GLOBAL | Cartesian | 49.61018 | 0 | 8.5083 | No | 49.61018 | 0 | 8.5083 |
| 6846 | GLOBAL | Cartesian | 49.61018 | 0 | 8.326 | No | 49.61018 | 0 | 8.326 |
| 6847 | GLOBAL | Cartesian | 49.79768 | 0 | 8.49967 | No | 49.79768 | 0 | 8.49967 |
| 6848 | GLOBAL | Cartesian | 49.79768 | 0 | 8.31694 | No | 49.79768 | 0 | 8.31694 |
| 6849 | GLOBAL | Cartesian | 49.98518 | 0 | 8.49104 | No | 49.98518 | 0 | 8.49104 |
| 6850 | GLOBAL | Cartesian | 49.98518 | 0 | 8.30789 | No | 49.98518 | 0 | 8.30789 |
| 6851 | GLOBAL | Cartesian | 50.17268 | 0 | 8.48241 | No | 50.17268 | 0 | 8.48241 |
| 6852 | GLOBAL | Cartesian | 50.17268 | 0 | 8.29883 | No | 50.17268 | 0 | 8.29883 |
| 6853 | GLOBAL | Cartesian | 50.36018 | 0 | 8.47378 | No | 50.36018 | 0 | 8.47378 |
| 6854 | GLOBAL | Cartesian | 50.36018 | 0 | 8.28977 | No | 50.36018 | 0 | 8.28977 |
| 6855 | GLOBAL | Cartesian | 50.54768 | 0 | 8.46515 | No | 50.54768 | 0 | 8.46515 |
| 6856 | GLOBAL | Cartesian | 50.54768 | 0 | 8.28071 | No | 50.54768 | 0 | 8.28071 |
| 6857 | GLOBAL | Cartesian | 50.73518 | 0 | 8.45652 | No | 50.73518 | 0 | 8.45652 |
| 6858 | GLOBAL | Cartesian | 50.73518 | 0 | 8.27165 | No | 50.73518 | 0 | 8.27165 |
| 6859 | GLOBAL | Cartesian | 48.11018 | 0 | 8.21959 | No | 48.11018 | 0 | 8.21959 |
| 6860 | GLOBAL | Cartesian | 48.29768 | 0 | 8.21011 | No | 48.29768 | 0 | 8.21011 |
| 6861 | GLOBAL | Cartesian | 48.48518 | 0 | 8.20062 | No | 48.48518 | 0 | 8.20062 |
| 6862 | GLOBAL | Cartesian | 48.67268 | 0 | 8.19113 | No | 48.67268 | 0 | 8.19113 |
| 6863 | GLOBAL | Cartesian | 48.86018 | 0 | 8.18165 | No | 48.86018 | 0 | 8.18165 |
| 6864 | GLOBAL | Cartesian | 49.04768 | 0 | 8.17216 | No | 49.04768 | 0 | 8.17216 |
| 6865 | GLOBAL | Cartesian | 49.23518 | 0 | 8.16267 | No | 49.23518 | 0 | 8.16267 |
| 6866 | GLOBAL | Cartesian | 49.42268 | 0 | 8.15319 | No | 49.42268 | 0 | 8.15319 |
| 6867 | GLOBAL | Cartesian | 49.61018 | 0 | 8.1437 | No | 49.61018 | 0 | 8.1437 |
| 6868 | GLOBAL | Cartesian | 49.79768 | 0 | 8.13421 | No | 49.79768 | 0 | 8.13421 |
| 6869 | GLOBAL | Cartesian | 49.98518 | 0 | 8.12473 | No | 49.98518 | 0 | 8.12473 |
| 6870 | GLOBAL | Cartesian | 50.17268 | 0 | 8.11524 | No | 50.17268 | 0 | 8.11524 |
| 6871 | GLOBAL | Cartesian | 50.36018 | 0 | 8.10575 | No | 50.36018 | 0 | 8.10575 |
| 6872 | GLOBAL | Cartesian | 50.54768 | 0 | 8.09627 | No | 50.54768 | 0 | 8.09627 |
| 6873 | GLOBAL | Cartesian | 50.73518 | 0 | 8.08678 | No | 50.73518 | 0 | 8.08678 |
| 6874 | GLOBAL | Cartesian | 48.11018 | 0 | 9.53336 | No | 48.11018 | 0 | 9.53336 |
| 6875 | GLOBAL | Cartesian | 48.29768 | 0 | 9.51651 | No | 48.29768 | 0 | 9.51651 |
| 6876 | GLOBAL | Cartesian | 48.48518 | 0 | 9.49967 | No | 48.48518 | 0 | 9.49967 |
| 6877 | GLOBAL | Cartesian | 48.67268 | 0 | 9.48283 | No | 48.67268 | 0 | 9.48283 |
| 6878 | GLOBAL | Cartesian | 48.86018 | 0 | 9.46599 | No | 48.86018 | 0 | 9.46599 |
| 6879 | GLOBAL | Cartesian | 49.04768 | 0 | 9.44915 | No | 49.04768 | 0 | 9.44915 |
| 6880 | GLOBAL | Cartesian | 49.23518 | 0 | 9.4323 | No | 49.23518 | 0 | 9.4323 |
| 6881 | GLOBAL | Cartesian | 49.42268 | 0 | 9.41546 | No | 49.42268 | 0 | 9.41546 |
| 6882 | GLOBAL | Cartesian | 49.61018 | 0 | 9.39862 | No | 49.61018 | 0 | 9.39862 |
| 6883 | GLOBAL | Cartesian | 49.79768 | 0 | 9.38178 | No | 49.79768 | 0 | 9.38178 |
| 6884 | GLOBAL | Cartesian | 49.98518 | 0 | 9.36494 | No | 49.98518 | 0 | 9.36494 |
| 6885 | GLOBAL | Cartesian | 50.17268 | 0 | 9.34809 | No | 50.17268 | 0 | 9.34809 |
| 6886 | GLOBAL | Cartesian | 50.36018 | 0 | 9.33125 | No | 50.36018 | 0 | 9.33125 |
| 6887 | GLOBAL | Cartesian | 50.54768 | 0 | 9.31441 | No | 50.54768 | 0 | 9.31441 |
| 6888 | GLOBAL | Cartesian | 50.73518 | 0 | 9.29757 | No | 50.73518 | 0 | 9.29757 |
| 6889 | GLOBAL | Cartesian | 48.11018 | 0 | 9.34216 | No | 48.11018 | 0 | 9.34216 |
| 6890 | GLOBAL | Cartesian | 48.29768 | 0 | 9.32696 | No | 48.29768 | 0 | 9.32696 |
| 6891 | GLOBAL | Cartesian | 48.48518 | 0 | 9.31176 | No | 48.48518 | 0 | 9.31176 |
| 6892 | GLOBAL | Cartesian | 48.67268 | 0 | 9.29656 | No | 48.67268 | 0 | 9.29656 |
| 6893 | GLOBAL | Cartesian | 48.86018 | 0 | 9.28136 | No | 48.86018 | 0 | 9.28136 |
| 6894 | GLOBAL | Cartesian | 49.04768 | 0 | 9.26616 | No | 49.04768 | 0 | 9.26616 |
| 6895 | GLOBAL | Cartesian | 49.23518 | 0 | 9.25096 | No | 49.23518 | 0 | 9.25096 |
| 6896 | GLOBAL | Cartesian | 49.42268 | 0 | 9.23576 | No | 49.42268 | 0 | 9.23576 |
| 6897 | GLOBAL | Cartesian | 49.61018 | 0 | 9.22056 | No | 49.61018 | 0 | 9.22056 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6898 | GLOBAL | Cartesian | 49.79768 | 0 | 9.20536 | No | 49.79768 | 0 | 9.20536 |
| 6899 | GLOBAL | Cartesian | 49.98518 | 0 | 9.19016 | No | 49.98518 | 0 | 9.19016 |
| 6900 | GLOBAL | Cartesian | 50.17268 | 0 | 9.17496 | No | 50.17268 | 0 | 9.17496 |
| 6901 | GLOBAL | Cartesian | 50.36018 | 0 | 9.15976 | No | 50.36018 | 0 | 9.15976 |
| 6902 | GLOBAL | Cartesian | 50.54768 | 0 | 9.14456 | No | 50.54768 | 0 | 9.14456 |
| 6903 | GLOBAL | Cartesian | 50.73518 | 0 | 9.12936 | No | 50.73518 | 0 | 9.12936 |
| 6904 | GLOBAL | Cartesian | 48.11018 | 0 | 9.15095 | No | 48.11018 | 0 | 9.15095 |
| 6905 | GLOBAL | Cartesian | 48.29768 | 0 | 9.1374 | No | 48.29768 | 0 | 9.1374 |
| 6906 | GLOBAL | Cartesian | 48.48518 | 0 | 9.12384 | No | 48.48518 | 0 | 9.12384 |
| 6907 | GLOBAL | Cartesian | 48.67268 | 0 | 9.11028 | No | 48.67268 | 0 | 9.11028 |
| 6908 | GLOBAL | Cartesian | 48.86018 | 0 | 9.09672 | No | 48.86018 | 0 | 9.09672 |
| 6909 | GLOBAL | Cartesian | 49.04768 | 0 | 9.08317 | No | 49.04768 | 0 | 9.08317 |
| 6910 | GLOBAL | Cartesian | 49.23518 | 0 | 9.06961 | No | 49.23518 | 0 | 9.06961 |
| 6911 | GLOBAL | Cartesian | 49.42268 | 0 | 9.05605 | No | 49.42268 | 0 | 9.05605 |
| 6912 | GLOBAL | Cartesian | 49.61018 | 0 | 9.04249 | No | 49.61018 | 0 | 9.04249 |
| 6913 | GLOBAL | Cartesian | 49.79768 | 0 | 9.02894 | No | 49.79768 | 0 | 9.02894 |
| 6914 | GLOBAL | Cartesian | 49.98518 | 0 | 9.01538 | No | 49.98518 | 0 | 9.01538 |
| 6915 | GLOBAL | Cartesian | 50.17268 | 0 | 9.00182 | No | 50.17268 | 0 | 9.00182 |
| 6916 | GLOBAL | Cartesian | 50.36018 | 0 | 8.98826 | No | 50.36018 | 0 | 8.98826 |
| 6917 | GLOBAL | Cartesian | 50.54768 | 0 | 8.97471 | No | 50.54768 | 0 | 8.97471 |
| 6918 | GLOBAL | Cartesian | 50.73518 | 0 | 8.96115 | No | 50.73518 | 0 | 8.96115 |
| 6919 | GLOBAL | Cartesian | 48.11018 | 0 | 8.95975 | No | 48.11018 | 0 | 8.95975 |
| 6920 | GLOBAL | Cartesian | 48.29768 | 0 | 8.94784 | No | 48.29768 | 0 | 8.94784 |
| 6921 | GLOBAL | Cartesian | 48.48518 | 0 | 8.93592 | No | 48.48518 | 0 | 8.93592 |
| 6922 | GLOBAL | Cartesian | 48.67268 | 0 | 8.92401 | No | 48.67268 | 0 | 8.92401 |
| 6923 | GLOBAL | Cartesian | 48.86018 | 0 | 8.91209 | No | 48.86018 | 0 | 8.91209 |
| 6924 | GLOBAL | Cartesian | 49.04768 | 0 | 8.90018 | No | 49.04768 | 0 | 8.90018 |
| 6925 | GLOBAL | Cartesian | 49.23518 | 0 | 8.88826 | No | 49.23518 | 0 | 8.88826 |
| 6926 | GLOBAL | Cartesian | 49.42268 | 0 | 8.87635 | No | 49.42268 | 0 | 8.87635 |
| 6927 | GLOBAL | Cartesian | 49.61018 | 0 | 8.86443 | No | 49.61018 | 0 | 8.86443 |
| 6928 | GLOBAL | Cartesian | 49.79768 | 0 | 8.85252 | No | 49.79768 | 0 | 8.85252 |
| 6929 | GLOBAL | Cartesian | 49.98518 | 0 | 8.8406 | No | 49.98518 | 0 | 8.8406 |
| 6930 | GLOBAL | Cartesian | 50.17268 | 0 | 8.82868 | No | 50.17268 | 0 | 8.82868 |
| 6931 | GLOBAL | Cartesian | 50.36018 | 0 | 8.81677 | No | 50.36018 | 0 | 8.81677 |
| 6932 | GLOBAL | Cartesian | 50.54768 | 0 | 8.80485 | No | 50.54768 | 0 | 8.80485 |
| 6933 | GLOBAL | Cartesian | 50.73518 | 0 | 8.79294 | No | 50.73518 | 0 | 8.79294 |
| 6934 | GLOBAL | Cartesian | 48.11018 | 0 | 8.78855 | No | 48.11018 | 0 | 8.78855 |
| 6935 | GLOBAL | Cartesian | 48.29768 | 0 | 8.75828 | No | 48.29768 | 0 | 8.75828 |
| 6936 | GLOBAL | Cartesian | 48.48518 | 0 | 8.74801 | No | 48.48518 | 0 | 8.74801 |
| 6937 | GLOBAL | Cartesian | 48.67268 | 0 | 8.73773 | No | 48.67268 | 0 | 8.73773 |
| 6938 | GLOBAL | Cartesian | 48.86018 | 0 | 8.72746 | No | 48.86018 | 0 | 8.72746 |
| 6939 | GLOBAL | Cartesian | 49.04768 | 0 | 8.71719 | No | 49.04768 | 0 | 8.71719 |
| 6940 | GLOBAL | Cartesian | 49.23518 | 0 | 8.70691 | No | 49.23518 | 0 | 8.70691 |
| 6941 | GLOBAL | Cartesian | 49.42268 | 0 | 8.69664 | No | 49.42268 | 0 | 8.69664 |
| 6942 | GLOBAL | Cartesian | 49.61018 | 0 | 8.68637 | No | 49.61018 | 0 | 8.68637 |
| 6943 | GLOBAL | Cartesian | 49.79768 | 0 | 8.67609 | No | 49.79768 | 0 | 8.67609 |
| 6944 | GLOBAL | Cartesian | 49.98518 | 0 | 8.66582 | No | 49.98518 | 0 | 8.66582 |
| 6945 | GLOBAL | Cartesian | 50.17268 | 0 | 8.65555 | No | 50.17268 | 0 | 8.65555 |
| 6946 | GLOBAL | Cartesian | 50.36018 | 0 | 8.64527 | No | 50.36018 | 0 | 8.64527 |
| 6947 | GLOBAL | Cartesian | 50.54768 | 0 | 8.635 | No | 50.54768 | 0 | 8.635 |
| 6948 | GLOBAL | Cartesian | 50.73518 | 0 | 8.62473 | No | 50.73518 | 0 | 8.62473 |
| 6949 | GLOBAL | Cartesian | 48.11018 | 0 | 8.04072 | No | 48.11018 | 0 | 8.04072 |
| 6950 | GLOBAL | Cartesian | 48.29768 | 0 | 8.0308 | No | 48.29768 | 0 | 8.0308 |
| 6951 | GLOBAL | Cartesian | 48.48518 | 0 | 8.02089 | No | 48.48518 | 0 | 8.02089 |
| 6952 | GLOBAL | Cartesian | 48.67268 | 0 | 8.01097 | No | 48.67268 | 0 | 8.01097 |
| 6953 | GLOBAL | Cartesian | 48.86018 | 0 | 8.00106 | No | 48.86018 | 0 | 8.00106 |
| 6954 | GLOBAL | Cartesian | 49.04768 | 0 | 7.99114 | No | 49.04768 | 0 | 7.99114 |
| 6955 | GLOBAL | Cartesian | 49.23518 | 0 | 7.98123 | No | 49.23518 | 0 | 7.98123 |
| 6956 | GLOBAL | Cartesian | 49.42268 | 0 | 7.97132 | No | 49.42268 | 0 | 7.97132 |
| 6957 | GLOBAL | Cartesian | 49.61018 | 0 | 7.9614 | No | 49.61018 | 0 | 7.9614 |
| 6958 | GLOBAL | Cartesian | 49.79768 | 0 | 7.95149 | No | 49.79768 | 0 | 7.95149 |
| 6959 | GLOBAL | Cartesian | 49.98518 | 0 | 7.94157 | No | 49.98518 | 0 | 7.94157 |
| 6960 | GLOBAL | Cartesian | 50.17268 | 0 | 7.93166 | No | 50.17268 | 0 | 7.93166 |
| 6961 | GLOBAL | Cartesian | 50.36018 | 0 | 7.92174 | No | 50.36018 | 0 | 7.92174 |
| 6962 | GLOBAL | Cartesian | 50.54768 | 0 | 7.91183 | No | 50.54768 | 0 | 7.91183 |
| 6963 | GLOBAL | Cartesian | 50.73518 | 0 | 7.90192 | No | 50.73518 | 0 | 7.90192 |
| 6964 | GLOBAL | Cartesian | 48.11179 | 0 | 7.86176 | No | 48.11179 | 0 | 7.86176 |
| 6965 | GLOBAL | Cartesian | 48.29918 | 0 | 7.85142 | No | 48.29918 | 0 | 7.85142 |
| 6966 | GLOBAL | Cartesian | 48.48657 | 0 | 7.84107 | No | 48.48657 | 0 | 7.84107 |
| 6967 | GLOBAL | Cartesian | 48.67397 | 0 | 7.83073 | No | 48.67397 | 0 | 7.83073 |
| 6968 | GLOBAL | Cartesian | 48.86136 | 0 | 7.82039 | No | 48.86136 | 0 | 7.82039 |
| 6969 | GLOBAL | Cartesian | 49.04875 | 0 | 7.81004 | No | 49.04875 | 0 | 7.81004 |
| 6970 | GLOBAL | Cartesian | 49.23614 | 0 | 7.7997 | No | 49.23614 | 0 | 7.7997 |
| 6971 | GLOBAL | Cartesian | 49.42354 | 0 | 7.78936 | No | 49.42354 | 0 | 7.78936 |
| 6972 | GLOBAL | Cartesian | 49.61093 | 0 | 7.77902 | No | 49.61093 | 0 | 7.77902 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 6973 | GLOBAL | Cartesian | 49.79832 | 0 | 7.76867 | No | 49.79832 | 0 | 7.76867 |
| 6974 | GLOBAL | Cartesian | 49.98572 | 0 | 7.75833 | No | 49.98572 | 0 | 7.75833 |
| 6975 | GLOBAL | Cartesian | 50.17311 | 0 | 7.74799 | No | 50.17311 | 0 | 7.74799 |
| 6976 | GLOBAL | Cartesian | 50.3605 | 0 | 7.73764 | No | 50.3605 | 0 | 7.73764 |
| 6977 | GLOBAL | Cartesian | 50.54789 | 0 | 7.7273 | No | 50.54789 | 0 | 7.7273 |
| 6978 | GLOBAL | Cartesian | 50.73529 | 0 | 7.71696 | No | 50.73529 | 0 | 7.71696 |
| 6979 | GLOBAL | Cartesian | 51.11018 | 0 | 8.43926 | No | 51.11018 | 0 | 8.43926 |
| 6980 | GLOBAL | Cartesian | 51.11018 | 0 | 8.25331 | No | 51.11018 | 0 | 8.25331 |
| 6981 | GLOBAL | Cartesian | 51.29768 | 0 | 8.43063 | No | 51.29768 | 0 | 8.43063 |
| 6982 | GLOBAL | Cartesian | 51.29768 | 0 | 8.24402 | No | 51.29768 | 0 | 8.24402 |
| 6983 | GLOBAL | Cartesian | 51.48518 | 0 | 8.42199 | No | 51.48518 | 0 | 8.42199 |
| 6984 | GLOBAL | Cartesian | 51.48518 | 0 | 8.23473 | No | 51.48518 | 0 | 8.23473 |
| 6985 | GLOBAL | Cartesian | 51.67268 | 0 | 8.41336 | No | 51.67268 | 0 | 8.41336 |
| 6986 | GLOBAL | Cartesian | 51.67268 | 0 | 8.22545 | No | 51.67268 | 0 | 8.22545 |
| 6987 | GLOBAL | Cartesian | 51.86018 | 0 | 8.40473 | No | 51.86018 | 0 | 8.40473 |
| 6988 | GLOBAL | Cartesian | 51.86018 | 0 | 8.21616 | No | 51.86018 | 0 | 8.21616 |
| 6989 | GLOBAL | Cartesian | 52.04768 | 0 | 8.3961 | No | 52.04768 | 0 | 8.3961 |
| 6990 | GLOBAL | Cartesian | 52.04768 | 0 | 8.20688 | No | 52.04768 | 0 | 8.20688 |
| 6991 | GLOBAL | Cartesian | 52.23518 | 0 | 8.38747 | No | 52.23518 | 0 | 8.38747 |
| 6992 | GLOBAL | Cartesian | 52.23518 | 0 | 8.19759 | No | 52.23518 | 0 | 8.19759 |
| 6993 | GLOBAL | Cartesian | 52.42268 | 0 | 8.37884 | No | 52.42268 | 0 | 8.37884 |
| 6994 | GLOBAL | Cartesian | 52.42268 | 0 | 8.18831 | No | 52.42268 | 0 | 8.18831 |
| 6995 | GLOBAL | Cartesian | 52.61018 | 0 | 8.37021 | No | 52.61018 | 0 | 8.37021 |
| 6996 | GLOBAL | Cartesian | 52.61018 | 0 | 8.17902 | No | 52.61018 | 0 | 8.17902 |
| 6997 | GLOBAL | Cartesian | 52.79768 | 0 | 8.36158 | No | 52.79768 | 0 | 8.36158 |
| 6998 | GLOBAL | Cartesian | 52.79768 | 0 | 8.16973 | No | 52.79768 | 0 | 8.16973 |
| 6999 | GLOBAL | Cartesian | 52.98518 | 0 | 8.35295 | No | 52.98518 | 0 | 8.35295 |
| 7000 | GLOBAL | Cartesian | 52.98518 | 0 | 8.16045 | No | 52.98518 | 0 | 8.16045 |
| 7001 | GLOBAL | Cartesian | 53.17268 | 0 | 8.34432 | No | 53.17268 | 0 | 8.34432 |
| 7002 | GLOBAL | Cartesian | 53.17268 | 0 | 8.15116 | No | 53.17268 | 0 | 8.15116 |
| 7003 | GLOBAL | Cartesian | 53.36018 | 0 | 8.33569 | No | 53.36018 | 0 | 8.33569 |
| 7004 | GLOBAL | Cartesian | 53.36018 | 0 | 8.14188 | No | 53.36018 | 0 | 8.14188 |
| 7005 | GLOBAL | Cartesian | 53.54768 | 0 | 8.32705 | No | 53.54768 | 0 | 8.32705 |
| 7006 | GLOBAL | Cartesian | 53.54768 | 0 | 8.13259 | No | 53.54768 | 0 | 8.13259 |
| 7007 | GLOBAL | Cartesian | 53.73518 | 0 | 8.31842 | No | 53.73518 | 0 | 8.31842 |
| 7008 | GLOBAL | Cartesian | 53.73518 | 0 | 8.12331 | No | 53.73518 | 0 | 8.12331 |
| 7009 | GLOBAL | Cartesian | 51.11018 | 0 | 8.06735 | No | 51.11018 | 0 | 8.06735 |
| 7010 | GLOBAL | Cartesian | 51.29768 | 0 | 8.05741 | No | 51.29768 | 0 | 8.05741 |
| 7011 | GLOBAL | Cartesian | 51.48518 | 0 | 8.04747 | No | 51.48518 | 0 | 8.04747 |
| 7012 | GLOBAL | Cartesian | 51.67268 | 0 | 8.03753 | No | 51.67268 | 0 | 8.03753 |
| 7013 | GLOBAL | Cartesian | 51.86018 | 0 | 8.02759 | No | 51.86018 | 0 | 8.02759 |
| 7014 | GLOBAL | Cartesian | 52.04768 | 0 | 8.01765 | No | 52.04768 | 0 | 8.01765 |
| 7015 | GLOBAL | Cartesian | 52.23518 | 0 | 8.00771 | No | 52.23518 | 0 | 8.00771 |
| 7016 | GLOBAL | Cartesian | 52.42268 | 0 | 7.99777 | No | 52.42268 | 0 | 7.99777 |
| 7017 | GLOBAL | Cartesian | 52.61018 | 0 | 7.98783 | No | 52.61018 | 0 | 7.98783 |
| 7018 | GLOBAL | Cartesian | 52.79768 | 0 | 7.97789 | No | 52.79768 | 0 | 7.97789 |
| 7019 | GLOBAL | Cartesian | 52.98518 | 0 | 7.96795 | No | 52.98518 | 0 | 7.96795 |
| 7020 | GLOBAL | Cartesian | 53.17268 | 0 | 7.95801 | No | 53.17268 | 0 | 7.95801 |
| 7021 | GLOBAL | Cartesian | 53.36018 | 0 | 7.94807 | No | 53.36018 | 0 | 7.94807 |
| 7022 | GLOBAL | Cartesian | 53.54768 | 0 | 7.93813 | No | 53.54768 | 0 | 7.93813 |
| 7023 | GLOBAL | Cartesian | 53.73518 | 0 | 7.92819 | No | 53.73518 | 0 | 7.92819 |
| 7024 | GLOBAL | Cartesian | 51.11018 | 0 | 9.62978 | No | 51.11018 | 0 | 9.62978 |
| 7025 | GLOBAL | Cartesian | 51.11018 | 0 | 9.5293 | No | 51.11018 | 0 | 9.5293 |
| 7026 | GLOBAL | Cartesian | 51.29768 | 0 | 9.6113 | No | 51.29768 | 0 | 9.6113 |
| 7027 | GLOBAL | Cartesian | 51.29768 | 0 | 9.51081 | No | 51.29768 | 0 | 9.51081 |
| 7028 | GLOBAL | Cartesian | 51.48518 | 0 | 9.59281 | No | 51.48518 | 0 | 9.59281 |
| 7029 | GLOBAL | Cartesian | 51.48518 | 0 | 9.49233 | No | 51.48518 | 0 | 9.49233 |
| 7030 | GLOBAL | Cartesian | 51.67268 | 0 | 9.57433 | No | 51.67268 | 0 | 9.57433 |
| 7031 | GLOBAL | Cartesian | 51.67268 | 0 | 9.47384 | No | 51.67268 | 0 | 9.47384 |
| 7032 | GLOBAL | Cartesian | 51.86018 | 0 | 9.55584 | No | 51.86018 | 0 | 9.55584 |
| 7033 | GLOBAL | Cartesian | 51.86018 | 0 | 9.45536 | No | 51.86018 | 0 | 9.45536 |
| 7034 | GLOBAL | Cartesian | 52.04768 | 0 | 9.53736 | No | 52.04768 | 0 | 9.53736 |
| 7035 | GLOBAL | Cartesian | 52.04768 | 0 | 9.43687 | No | 52.04768 | 0 | 9.43687 |
| 7036 | GLOBAL | Cartesian | 52.23518 | 0 | 9.51888 | No | 52.23518 | 0 | 9.51888 |
| 7037 | GLOBAL | Cartesian | 52.23518 | 0 | 9.41839 | No | 52.23518 | 0 | 9.41839 |
| 7038 | GLOBAL | Cartesian | 52.42268 | 0 | 9.50039 | No | 52.42268 | 0 | 9.50039 |
| 7039 | GLOBAL | Cartesian | 52.42268 | 0 | 9.39991 | No | 52.42268 | 0 | 9.39991 |
| 7040 | GLOBAL | Cartesian | 52.61018 | 0 | 9.48191 | No | 52.61018 | 0 | 9.48191 |
| 7041 | GLOBAL | Cartesian | 52.61018 | 0 | 9.38142 | No | 52.61018 | 0 | 9.38142 |
| 7042 | GLOBAL | Cartesian | 52.79768 | 0 | 9.46342 | No | 52.79768 | 0 | 9.46342 |
| 7043 | GLOBAL | Cartesian | 52.79768 | 0 | 9.36294 | No | 52.79768 | 0 | 9.36294 |
| 7044 | GLOBAL | Cartesian | 52.98518 | 0 | 9.44494 | No | 52.98518 | 0 | 9.44494 |
| 7045 | GLOBAL | Cartesian | 52.98518 | 0 | 9.34445 | No | 52.98518 | 0 | 9.34445 |
| 7046 | GLOBAL | Cartesian | 53.17268 | 0 | 9.42645 | No | 53.17268 | 0 | 9.42645 |
| 7047 | GLOBAL | Cartesian | 53.17268 | 0 | 9.32597 | No | 53.17268 | 0 | 9.32597 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 7048 | GLOBAL | Cartesian | 53.36018 | 0 | 9.40797 | No | 53.36018 | 0 | 9.40797 |
| 7049 | GLOBAL | Cartesian | 53.36018 | 0 | 9.30749 | No | 53.36018 | 0 | 9.30749 |
| 7050 | GLOBAL | Cartesian | 53.54768 | 0 | 9.38949 | No | 53.54768 | 0 | 9.38949 |
| 7051 | GLOBAL | Cartesian | 53.54768 | 0 | 9.289 | No | 53.54768 | 0 | 9.289 |
| 7052 | GLOBAL | Cartesian | 53.73518 | 0 | 9.371 | No | 53.73518 | 0 | 9.371 |
| 7053 | GLOBAL | Cartesian | 53.73518 | 0 | 9.27052 | No | 53.73518 | 0 | 9.27052 |
| 7054 | GLOBAL | Cartesian | 51.11018 | 0 | 9.42881 | No | 51.11018 | 0 | 9.42881 |
| 7055 | GLOBAL | Cartesian | 51.29768 | 0 | 9.41033 | No | 51.29768 | 0 | 9.41033 |
| 7056 | GLOBAL | Cartesian | 51.48518 | 0 | 9.39184 | No | 51.48518 | 0 | 9.39184 |
| 7057 | GLOBAL | Cartesian | 51.67268 | 0 | 9.37336 | No | 51.67268 | 0 | 9.37336 |
| 7058 | GLOBAL | Cartesian | 51.86018 | 0 | 9.35487 | No | 51.86018 | 0 | 9.35487 |
| 7059 | GLOBAL | Cartesian | 52.04768 | 0 | 9.33639 | No | 52.04768 | 0 | 9.33639 |
| 7060 | GLOBAL | Cartesian | 52.23518 | 0 | 9.31791 | No | 52.23518 | 0 | 9.31791 |
| 7061 | GLOBAL | Cartesian | 52.42268 | 0 | 9.29942 | No | 52.42268 | 0 | 9.29942 |
| 7062 | GLOBAL | Cartesian | 52.61018 | 0 | 9.28094 | No | 52.61018 | 0 | 9.28094 |
| 7063 | GLOBAL | Cartesian | 52.79768 | 0 | 9.26245 | No | 52.79768 | 0 | 9.26245 |
| 7064 | GLOBAL | Cartesian | 52.98518 | 0 | 9.24397 | No | 52.98518 | 0 | 9.24397 |
| 7065 | GLOBAL | Cartesian | 53.17268 | 0 | 9.22549 | No | 53.17268 | 0 | 9.22549 |
| 7066 | GLOBAL | Cartesian | 53.36018 | 0 | 9.207 | No | 53.36018 | 0 | 9.207 |
| 7067 | GLOBAL | Cartesian | 53.54768 | 0 | 9.18852 | No | 53.54768 | 0 | 9.18852 |
| 7068 | GLOBAL | Cartesian | 53.73518 | 0 | 9.17003 | No | 53.73518 | 0 | 9.17003 |
| 7069 | GLOBAL | Cartesian | 51.11018 | 0 | 9.26389 | No | 51.11018 | 0 | 9.26389 |
| 7070 | GLOBAL | Cartesian | 51.29768 | 0 | 9.24704 | No | 51.29768 | 0 | 9.24704 |
| 7071 | GLOBAL | Cartesian | 51.48518 | 0 | 9.2302 | No | 51.48518 | 0 | 9.2302 |
| 7072 | GLOBAL | Cartesian | 51.67268 | 0 | 9.21336 | No | 51.67268 | 0 | 9.21336 |
| 7073 | GLOBAL | Cartesian | 51.86018 | 0 | 9.19652 | No | 51.86018 | 0 | 9.19652 |
| 7074 | GLOBAL | Cartesian | 52.04768 | 0 | 9.17968 | No | 52.04768 | 0 | 9.17968 |
| 7075 | GLOBAL | Cartesian | 52.23518 | 0 | 9.16283 | No | 52.23518 | 0 | 9.16283 |
| 7076 | GLOBAL | Cartesian | 52.42268 | 0 | 9.14599 | No | 52.42268 | 0 | 9.14599 |
| 7077 | GLOBAL | Cartesian | 52.61018 | 0 | 9.12915 | No | 52.61018 | 0 | 9.12915 |
| 7078 | GLOBAL | Cartesian | 52.79768 | 0 | 9.11231 | No | 52.79768 | 0 | 9.11231 |
| 7079 | GLOBAL | Cartesian | 52.98518 | 0 | 9.09547 | No | 52.98518 | 0 | 9.09547 |
| 7080 | GLOBAL | Cartesian | 53.17268 | 0 | 9.07862 | No | 53.17268 | 0 | 9.07862 |
| 7081 | GLOBAL | Cartesian | 53.36018 | 0 | 9.06178 | No | 53.36018 | 0 | 9.06178 |
| 7082 | GLOBAL | Cartesian | 53.54768 | 0 | 9.04494 | No | 53.54768 | 0 | 9.04494 |
| 7083 | GLOBAL | Cartesian | 53.73518 | 0 | 9.0281 | No | 53.73518 | 0 | 9.0281 |
| 7084 | GLOBAL | Cartesian | 51.11018 | 0 | 9.09896 | No | 51.11018 | 0 | 9.09896 |
| 7085 | GLOBAL | Cartesian | 51.29768 | 0 | 9.08376 | No | 51.29768 | 0 | 9.08376 |
| 7086 | GLOBAL | Cartesian | 51.48518 | 0 | 9.06856 | No | 51.48518 | 0 | 9.06856 |
| 7087 | GLOBAL | Cartesian | 51.67268 | 0 | 9.05336 | No | 51.67268 | 0 | 9.05336 |
| 7088 | GLOBAL | Cartesian | 51.86018 | 0 | 9.03816 | No | 51.86018 | 0 | 9.03816 |
| 7089 | GLOBAL | Cartesian | 52.04768 | 0 | 9.02296 | No | 52.04768 | 0 | 9.02296 |
| 7090 | GLOBAL | Cartesian | 52.23518 | 0 | 9.00776 | No | 52.23518 | 0 | 9.00776 |
| 7091 | GLOBAL | Cartesian | 52.42268 | 0 | 8.99256 | No | 52.42268 | 0 | 8.99256 |
| 7092 | GLOBAL | Cartesian | 52.61018 | 0 | 8.97736 | No | 52.61018 | 0 | 8.97736 |
| 7093 | GLOBAL | Cartesian | 52.79768 | 0 | 8.96216 | No | 52.79768 | 0 | 8.96216 |
| 7094 | GLOBAL | Cartesian | 52.98518 | 0 | 8.94696 | No | 52.98518 | 0 | 8.94696 |
| 7095 | GLOBAL | Cartesian | 53.17268 | 0 | 8.93176 | No | 53.17268 | 0 | 8.93176 |
| 7096 | GLOBAL | Cartesian | 53.36018 | 0 | 8.91656 | No | 53.36018 | 0 | 8.91656 |
| 7097 | GLOBAL | Cartesian | 53.54768 | 0 | 8.90136 | No | 53.54768 | 0 | 8.90136 |
| 7098 | GLOBAL | Cartesian | 53.73518 | 0 | 8.88616 | No | 53.73518 | 0 | 8.88616 |
| 7099 | GLOBAL | Cartesian | 51.11018 | 0 | 8.93403 | No | 51.11018 | 0 | 8.93403 |
| 7100 | GLOBAL | Cartesian | 51.29768 | 0 | 8.92048 | No | 51.29768 | 0 | 8.92048 |
| 7101 | GLOBAL | Cartesian | 51.48518 | 0 | 8.90692 | No | 51.48518 | 0 | 8.90692 |
| 7102 | GLOBAL | Cartesian | 51.67268 | 0 | 8.89336 | No | 51.67268 | 0 | 8.89336 |
| 7103 | GLOBAL | Cartesian | 51.86018 | 0 | 8.8798 | No | 51.86018 | 0 | 8.8798 |
| 7104 | GLOBAL | Cartesian | 52.04768 | 0 | 8.86625 | No | 52.04768 | 0 | 8.86625 |
| 7105 | GLOBAL | Cartesian | 52.23518 | 0 | 8.85269 | No | 52.23518 | 0 | 8.85269 |
| 7106 | GLOBAL | Cartesian | 52.42268 | 0 | 8.83913 | No | 52.42268 | 0 | 8.83913 |
| 7107 | GLOBAL | Cartesian | 52.61018 | 0 | 8.82557 | No | 52.61018 | 0 | 8.82557 |
| 7108 | GLOBAL | Cartesian | 52.79768 | 0 | 8.81202 | No | 52.79768 | 0 | 8.81202 |
| 7109 | GLOBAL | Cartesian | 52.98518 | 0 | 8.79846 | No | 52.98518 | 0 | 8.79846 |
| 7110 | GLOBAL | Cartesian | 53.17268 | 0 | 8.7849 | No | 53.17268 | 0 | 8.7849 |
| 7111 | GLOBAL | Cartesian | 53.36018 | 0 | 8.77134 | No | 53.36018 | 0 | 8.77134 |
| 7112 | GLOBAL | Cartesian | 53.54768 | 0 | 8.75779 | No | 53.54768 | 0 | 8.75779 |
| 7113 | GLOBAL | Cartesian | 53.73518 | 0 | 8.74423 | No | 53.73518 | 0 | 8.74423 |
| 7114 | GLOBAL | Cartesian | 51.11018 | 0 | 8.76911 | No | 51.11018 | 0 | 8.76911 |
| 7115 | GLOBAL | Cartesian | 51.29768 | 0 | 8.75719 | No | 51.29768 | 0 | 8.75719 |
| 7116 | GLOBAL | Cartesian | 51.48518 | 0 | 8.74528 | No | 51.48518 | 0 | 8.74528 |
| 7117 | GLOBAL | Cartesian | 51.67268 | 0 | 8.73336 | No | 51.67268 | 0 | 8.73336 |
| 7118 | GLOBAL | Cartesian | 51.86018 | 0 | 8.72145 | No | 51.86018 | 0 | 8.72145 |
| 7119 | GLOBAL | Cartesian | 52.04768 | 0 | 8.70953 | No | 52.04768 | 0 | 8.70953 |
| 7120 | GLOBAL | Cartesian | 52.23518 | 0 | 8.69762 | No | 52.23518 | 0 | 8.69762 |
| 7121 | GLOBAL | Cartesian | 52.42268 | 0 | 8.6857 | No | 52.42268 | 0 | 8.6857 |
| 7122 | GLOBAL | Cartesian | 52.61018 | 0 | 8.67379 | No | 52.61018 | 0 | 8.67379 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 7123 | GLOBAL | Cartesian | 52.79768 | 0 | 8.66187 | No | 52.79768 | 0 | 8.66187 |
| 7124 | GLOBAL | Cartesian | 52.98518 | 0 | 8.64995 | No | 52.98518 | 0 | 8.64995 |
| 7125 | GLOBAL | Cartesian | 53.17268 | 0 | 8.63804 | No | 53.17268 | 0 | 8.63804 |
| 7126 | GLOBAL | Cartesian | 53.36018 | 0 | 8.62612 | No | 53.36018 | 0 | 8.62612 |
| 7127 | GLOBAL | Cartesian | 53.54768 | 0 | 8.61421 | No | 53.54768 | 0 | 8.61421 |
| 7128 | GLOBAL | Cartesian | 53.73518 | 0 | 8.60229 | No | 53.73518 | 0 | 8.60229 |
| 7129 | GLOBAL | Cartesian | 51.11018 | 0 | 8.60418 | No | 51.11018 | 0 | 8.60418 |
| 7130 | GLOBAL | Cartesian | 51.29768 | 0 | 8.59391 | No | 51.29768 | 0 | 8.59391 |
| 7131 | GLOBAL | Cartesian | 51.48518 | 0 | 8.58364 | No | 51.48518 | 0 | 8.58364 |
| 7132 | GLOBAL | Cartesian | 51.67268 | 0 | 8.57336 | No | 51.67268 | 0 | 8.57336 |
| 7133 | GLOBAL | Cartesian | 51.86018 | 0 | 8.56309 | No | 51.86018 | 0 | 8.56309 |
| 7134 | GLOBAL | Cartesian | 52.04768 | 0 | 8.55282 | No | 52.04768 | 0 | 8.55282 |
| 7135 | GLOBAL | Cartesian | 52.23518 | 0 | 8.54254 | No | 52.23518 | 0 | 8.54254 |
| 7136 | GLOBAL | Cartesian | 52.42268 | 0 | 8.53227 | No | 52.42268 | 0 | 8.53227 |
| 7137 | GLOBAL | Cartesian | 52.61018 | 0 | 8.522 | No | 52.61018 | 0 | 8.522 |
| 7138 | GLOBAL | Cartesian | 52.79768 | 0 | 8.51172 | No | 52.79768 | 0 | 8.51172 |
| 7139 | GLOBAL | Cartesian | 52.98518 | 0 | 8.50145 | No | 52.98518 | 0 | 8.50145 |
| 7140 | GLOBAL | Cartesian | 53.17268 | 0 | 8.49118 | No | 53.17268 | 0 | 8.49118 |
| 7141 | GLOBAL | Cartesian | 53.36018 | 0 | 8.4809 | No | 53.36018 | 0 | 8.4809 |
| 7142 | GLOBAL | Cartesian | 53.54768 | 0 | 8.47063 | No | 53.54768 | 0 | 8.47063 |
| 7143 | GLOBAL | Cartesian | 53.73518 | 0 | 8.46036 | No | 53.73518 | 0 | 8.46036 |
| 7144 | GLOBAL | Cartesian | 51.11018 | 0 | 7.88141 | No | 51.11018 | 0 | 7.88141 |
| 7145 | GLOBAL | Cartesian | 51.29768 | 0 | 7.87081 | No | 51.29768 | 0 | 7.87081 |
| 7146 | GLOBAL | Cartesian | 51.48518 | 0 | 7.86022 | No | 51.48518 | 0 | 7.86022 |
| 7147 | GLOBAL | Cartesian | 51.67268 | 0 | 7.84962 | No | 51.67268 | 0 | 7.84962 |
| 7148 | GLOBAL | Cartesian | 51.86018 | 0 | 7.83903 | No | 51.86018 | 0 | 7.83903 |
| 7149 | GLOBAL | Cartesian | 52.04768 | 0 | 7.82843 | No | 52.04768 | 0 | 7.82843 |
| 7150 | GLOBAL | Cartesian | 52.23518 | 0 | 7.81784 | No | 52.23518 | 0 | 7.81784 |
| 7151 | GLOBAL | Cartesian | 52.42268 | 0 | 7.80724 | No | 52.42268 | 0 | 7.80724 |
| 7152 | GLOBAL | Cartesian | 52.61018 | 0 | 7.79665 | No | 52.61018 | 0 | 7.79665 |
| 7153 | GLOBAL | Cartesian | 52.79768 | 0 | 7.78605 | No | 52.79768 | 0 | 7.78605 |
| 7154 | GLOBAL | Cartesian | 52.98518 | 0 | 7.77546 | No | 52.98518 | 0 | 7.77546 |
| 7155 | GLOBAL | Cartesian | 53.17268 | 0 | 7.76486 | No | 53.17268 | 0 | 7.76486 |
| 7156 | GLOBAL | Cartesian | 53.36018 | 0 | 7.75427 | No | 53.36018 | 0 | 7.75427 |
| 7157 | GLOBAL | Cartesian | 53.54768 | 0 | 7.74367 | No | 53.54768 | 0 | 7.74367 |
| 7158 | GLOBAL | Cartesian | 53.73518 | 0 | 7.73308 | No | 53.73518 | 0 | 7.73308 |
| 7159 | GLOBAL | Cartesian | 51.11018 | 0 | 7.69537 | No | 51.11018 | 0 | 7.69537 |
| 7160 | GLOBAL | Cartesian | 51.29768 | 0 | 7.68412 | No | 51.29768 | 0 | 7.68412 |
| 7161 | GLOBAL | Cartesian | 51.48518 | 0 | 7.67287 | No | 51.48518 | 0 | 7.67287 |
| 7162 | GLOBAL | Cartesian | 51.67268 | 0 | 7.66162 | No | 51.67268 | 0 | 7.66162 |
| 7163 | GLOBAL | Cartesian | 51.86018 | 0 | 7.65037 | No | 51.86018 | 0 | 7.65037 |
| 7164 | GLOBAL | Cartesian | 52.04768 | 0 | 7.63912 | No | 52.04768 | 0 | 7.63912 |
| 7165 | GLOBAL | Cartesian | 52.23518 | 0 | 7.62787 | No | 52.23518 | 0 | 7.62787 |
| 7166 | GLOBAL | Cartesian | 52.42268 | 0 | 7.61662 | No | 52.42268 | 0 | 7.61662 |
| 7167 | GLOBAL | Cartesian | 52.61018 | 0 | 7.60537 | No | 52.61018 | 0 | 7.60537 |
| 7168 | GLOBAL | Cartesian | 52.79768 | 0 | 7.59412 | No | 52.79768 | 0 | 7.59412 |
| 7169 | GLOBAL | Cartesian | 52.98518 | 0 | 7.58287 | No | 52.98518 | 0 | 7.58287 |
| 7170 | GLOBAL | Cartesian | 53.17268 | 0 | 7.57162 | No | 53.17268 | 0 | 7.57162 |
| 7171 | GLOBAL | Cartesian | 53.36018 | 0 | 7.56037 | No | 53.36018 | 0 | 7.56037 |
| 7172 | GLOBAL | Cartesian | 53.54768 | 0 | 7.54912 | No | 53.54768 | 0 | 7.54912 |
| 7173 | GLOBAL | Cartesian | 53.73518 | 0 | 7.53787 | No | 53.73518 | 0 | 7.53787 |
| 7174 | GLOBAL | Cartesian | 32.62982 | 0 | 11.35113 | No | 32.62982 | 0 | 11.35113 |
| 7175 | GLOBAL | Cartesian | 32.62982 | 0 | 11.45161 | No | 32.62982 | 0 | 11.45161 |
| 7176 | GLOBAL | Cartesian | 35.62982 | 0 | 11.05538 | No | 35.62982 | 0 | 11.05538 |
| 7177 | GLOBAL | Cartesian | 35.62982 | 0 | 11.15587 | No | 35.62982 | 0 | 11.15587 |
| 7178 | GLOBAL | Cartesian | 35.82268 | 0 | 10.83741 | No | 35.82268 | 0 | 10.83741 |
| 7179 | GLOBAL | Cartesian | 35.92268 | 0 | 10.82797 | No | 35.92268 | 0 | 10.82797 |
| 7180 | GLOBAL | Cartesian | 36.02268 | 0 | 10.81852 | No | 36.02268 | 0 | 10.81852 |
| 7181 | GLOBAL | Cartesian | 36.12268 | 0 | 10.80907 | No | 36.12268 | 0 | 10.80907 |
| 7182 | GLOBAL | Cartesian | 38.62982 | 0 | 10.75964 | No | 38.62982 | 0 | 10.75964 |
| 7183 | GLOBAL | Cartesian | 38.62982 | 0 | 10.86012 | No | 38.62982 | 0 | 10.86012 |
| 7196 | GLOBAL | Cartesian | 38.82268 | 0 | 10.57632 | No | 38.82268 | 0 | 10.57632 |
| 7197 | GLOBAL | Cartesian | 38.82268 | 0 | 10.51251 | No | 38.82268 | 0 | 10.51251 |
| 7198 | GLOBAL | Cartesian | 38.92268 | 0 | 10.56674 | No | 38.92268 | 0 | 10.56674 |
| 7199 | GLOBAL | Cartesian | 38.92268 | 0 | 10.50319 | No | 38.92268 | 0 | 10.50319 |
| 7200 | GLOBAL | Cartesian | 39.02323 | 0 | 10.55709 | No | 39.02323 | 0 | 10.55709 |
| 7201 | GLOBAL | Cartesian | 39.02323 | 0 | 10.49382 | No | 39.02323 | 0 | 10.49382 |
| 7202 | GLOBAL | Cartesian | 39.12377 | 0 | 10.54745 | No | 39.12377 | 0 | 10.54745 |
| 7203 | GLOBAL | Cartesian | 39.12377 | 0 | 10.48445 | No | 39.12377 | 0 | 10.48445 |
| 7216 | GLOBAL | Cartesian | 41.82258 | 0 | 10.28151 | No | 41.82258 | 0 | 10.28151 |
| 7217 | GLOBAL | Cartesian | 41.82259 | 0 | 10.21862 | No | 41.82259 | 0 | 10.21862 |
| 7218 | GLOBAL | Cartesian | 41.92268 | 0 | 10.27191 | No | 41.92268 | 0 | 10.27191 |
| 7219 | GLOBAL | Cartesian | 41.92268 | 0 | 10.20928 | No | 41.92268 | 0 | 10.20928 |
| 7220 | GLOBAL | Cartesian | 42.02285 | 0 | 10.2623 | No | 42.02285 | 0 | 10.2623 |
| 7221 | GLOBAL | Cartesian | 42.02285 | 0 | 10.19994 | No | 42.02285 | 0 | 10.19994 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|---|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 7222 | GLOBAL | Cartesian | 42.12302 | 0 | 10.25269 | No | 42.12302 | 0 | 10.25269 |
| 7223 | GLOBAL | Cartesian | 42.12302 | 0 | 10.1906 | No | 42.12302 | 0 | 10.1906 |
| 7224 | GLOBAL | Cartesian | 44.82258 | 0 | 9.98565 | No | 44.82258 | 0 | 9.98565 |
| 7225 | GLOBAL | Cartesian | 44.82258 | 0 | 9.92265 | No | 44.82258 | 0 | 9.92265 |
| 7226 | GLOBAL | Cartesian | 44.92268 | 0 | 9.97604 | No | 44.92268 | 0 | 9.97604 |
| 7227 | GLOBAL | Cartesian | 44.92268 | 0 | 9.9133 | No | 44.92268 | 0 | 9.9133 |
| 7228 | GLOBAL | Cartesian | 45.02268 | 0 | 9.96644 | No | 45.02268 | 0 | 9.96644 |
| 7229 | GLOBAL | Cartesian | 45.02268 | 0 | 9.90396 | No | 45.02268 | 0 | 9.90396 |
| 7230 | GLOBAL | Cartesian | 45.12268 | 0 | 9.95684 | No | 45.12268 | 0 | 9.95684 |
| 7231 | GLOBAL | Cartesian | 45.12268 | 0 | 9.89461 | No | 45.12268 | 0 | 9.89461 |
| 7232 | GLOBAL | Cartesian | 47.82258 | 0 | 9.68834 | No | 47.82258 | 0 | 9.68834 |
| 7233 | GLOBAL | Cartesian | 47.82258 | 0 | 9.62376 | No | 47.82258 | 0 | 9.62376 |
| 7234 | GLOBAL | Cartesian | 47.92268 | 0 | 9.67876 | No | 47.92268 | 0 | 9.67876 |
| 7235 | GLOBAL | Cartesian | 47.92268 | 0 | 9.61448 | No | 47.92268 | 0 | 9.61448 |
| 7236 | GLOBAL | Cartesian | 48.11018 | 0 | 9.66082 | No | 48.11018 | 0 | 9.66082 |
| 7237 | GLOBAL | Cartesian | 48.11018 | 0 | 9.59709 | No | 48.11018 | 0 | 9.59709 |
| 7238 | GLOBAL | Cartesian | 48.29768 | 0 | 9.64289 | No | 48.29768 | 0 | 9.64289 |
| 7239 | GLOBAL | Cartesian | 48.29768 | 0 | 9.5797 | No | 48.29768 | 0 | 9.5797 |
| 7240 | GLOBAL | Cartesian | 48.48518 | 0 | 9.62495 | No | 48.48518 | 0 | 9.62495 |
| 7241 | GLOBAL | Cartesian | 48.48518 | 0 | 9.56231 | No | 48.48518 | 0 | 9.56231 |
| 7242 | GLOBAL | Cartesian | 48.67268 | 0 | 9.60701 | No | 48.67268 | 0 | 9.60701 |
| 7243 | GLOBAL | Cartesian | 48.67268 | 0 | 9.54492 | No | 48.67268 | 0 | 9.54492 |
| 7244 | GLOBAL | Cartesian | 48.86018 | 0 | 9.58908 | No | 48.86018 | 0 | 9.58908 |
| 7245 | GLOBAL | Cartesian | 48.86018 | 0 | 9.52753 | No | 48.86018 | 0 | 9.52753 |
| 7246 | GLOBAL | Cartesian | 49.04768 | 0 | 9.57114 | No | 49.04768 | 0 | 9.57114 |
| 7247 | GLOBAL | Cartesian | 49.04768 | 0 | 9.51014 | No | 49.04768 | 0 | 9.51014 |
| 7248 | GLOBAL | Cartesian | 49.23518 | 0 | 9.5532 | No | 49.23518 | 0 | 9.5532 |
| 7249 | GLOBAL | Cartesian | 49.23518 | 0 | 9.49275 | No | 49.23518 | 0 | 9.49275 |
| 7250 | GLOBAL | Cartesian | 49.42268 | 0 | 9.53527 | No | 49.42268 | 0 | 9.53527 |
| 7251 | GLOBAL | Cartesian | 49.42268 | 0 | 9.47536 | No | 49.42268 | 0 | 9.47536 |
| 7252 | GLOBAL | Cartesian | 49.61018 | 0 | 9.51733 | No | 49.61018 | 0 | 9.51733 |
| 7253 | GLOBAL | Cartesian | 49.61018 | 0 | 9.45798 | No | 49.61018 | 0 | 9.45798 |
| 7254 | GLOBAL | Cartesian | 49.79768 | 0 | 9.49939 | No | 49.79768 | 0 | 9.49939 |
| 7255 | GLOBAL | Cartesian | 49.79768 | 0 | 9.44059 | No | 49.79768 | 0 | 9.44059 |
| 7256 | GLOBAL | Cartesian | 49.98518 | 0 | 9.48146 | No | 49.98518 | 0 | 9.48146 |
| 7257 | GLOBAL | Cartesian | 49.98518 | 0 | 9.4232 | No | 49.98518 | 0 | 9.4232 |
| 7258 | GLOBAL | Cartesian | 50.17268 | 0 | 9.46352 | No | 50.17268 | 0 | 9.46352 |
| 7259 | GLOBAL | Cartesian | 50.17268 | 0 | 9.40581 | No | 50.17268 | 0 | 9.40581 |
| 7260 | GLOBAL | Cartesian | 50.36018 | 0 | 9.44558 | No | 50.36018 | 0 | 9.44558 |
| 7261 | GLOBAL | Cartesian | 50.36018 | 0 | 9.38842 | No | 50.36018 | 0 | 9.38842 |
| 7262 | GLOBAL | Cartesian | 50.54768 | 0 | 9.42765 | No | 50.54768 | 0 | 9.42765 |
| 7263 | GLOBAL | Cartesian | 50.54768 | 0 | 9.37103 | No | 50.54768 | 0 | 9.37103 |
| 7264 | GLOBAL | Cartesian | 50.73518 | 0 | 9.40971 | No | 50.73518 | 0 | 9.40971 |
| 7265 | GLOBAL | Cartesian | 50.73518 | 0 | 9.35364 | No | 50.73518 | 0 | 9.35364 |
| 7266 | GLOBAL | Cartesian | 50.92268 | 0 | 9.39177 | No | 50.92268 | 0 | 9.39177 |
| 7267 | GLOBAL | Cartesian | 50.92268 | 0 | 9.33625 | No | 50.92268 | 0 | 9.33625 |
| 7268 | GLOBAL | Cartesian | 51.11018 | 0 | 9.37384 | No | 51.11018 | 0 | 9.37384 |
| 7269 | GLOBAL | Cartesian | 51.11018 | 0 | 9.31886 | No | 51.11018 | 0 | 9.31886 |
| 7270 | GLOBAL | Cartesian | 51.29768 | 0 | 9.3559 | No | 51.29768 | 0 | 9.3559 |
| 7271 | GLOBAL | Cartesian | 51.29768 | 0 | 9.30147 | No | 51.29768 | 0 | 9.30147 |
| 7272 | GLOBAL | Cartesian | 51.48518 | 0 | 9.33796 | No | 51.48518 | 0 | 9.33796 |
| 7273 | GLOBAL | Cartesian | 51.48518 | 0 | 9.28408 | No | 51.48518 | 0 | 9.28408 |
| 7274 | GLOBAL | Cartesian | 51.67268 | 0 | 9.32003 | No | 51.67268 | 0 | 9.32003 |
| 7275 | GLOBAL | Cartesian | 51.67268 | 0 | 9.26669 | No | 51.67268 | 0 | 9.26669 |
| 7276 | GLOBAL | Cartesian | 51.86018 | 0 | 9.30209 | No | 51.86018 | 0 | 9.30209 |
| 7277 | GLOBAL | Cartesian | 51.86018 | 0 | 9.2493 | No | 51.86018 | 0 | 9.2493 |
| 7278 | GLOBAL | Cartesian | 52.04768 | 0 | 9.28415 | No | 52.04768 | 0 | 9.28415 |
| 7279 | GLOBAL | Cartesian | 52.04768 | 0 | 9.23191 | No | 52.04768 | 0 | 9.23191 |
| 7280 | GLOBAL | Cartesian | 52.23518 | 0 | 9.26622 | No | 52.23518 | 0 | 9.26622 |
| 7281 | GLOBAL | Cartesian | 52.23518 | 0 | 9.21452 | No | 52.23518 | 0 | 9.21452 |
| 7282 | GLOBAL | Cartesian | 52.42268 | 0 | 9.24828 | No | 52.42268 | 0 | 9.24828 |
| 7283 | GLOBAL | Cartesian | 52.42268 | 0 | 9.19713 | No | 52.42268 | 0 | 9.19713 |
| 7284 | GLOBAL | Cartesian | 52.61018 | 0 | 9.23034 | No | 52.61018 | 0 | 9.23034 |
| 7285 | GLOBAL | Cartesian | 52.61018 | 0 | 9.17975 | No | 52.61018 | 0 | 9.17975 |
| 7286 | GLOBAL | Cartesian | 52.79768 | 0 | 9.2124 | No | 52.79768 | 0 | 9.2124 |
| 7287 | GLOBAL | Cartesian | 52.79768 | 0 | 9.16236 | No | 52.79768 | 0 | 9.16236 |
| 7288 | GLOBAL | Cartesian | 52.98518 | 0 | 9.19447 | No | 52.98518 | 0 | 9.19447 |
| 7289 | GLOBAL | Cartesian | 52.98518 | 0 | 9.14497 | No | 52.98518 | 0 | 9.14497 |
| 7290 | GLOBAL | Cartesian | 53.17268 | 0 | 9.17653 | No | 53.17268 | 0 | 9.17653 |
| 7291 | GLOBAL | Cartesian | 53.17268 | 0 | 9.12758 | No | 53.17268 | 0 | 9.12758 |
| 7292 | GLOBAL | Cartesian | 53.36018 | 0 | 9.15859 | No | 53.36018 | 0 | 9.15859 |
| 7293 | GLOBAL | Cartesian | 53.36018 | 0 | 9.11019 | No | 53.36018 | 0 | 9.11019 |
| 7294 | GLOBAL | Cartesian | 53.54768 | 0 | 9.14066 | No | 53.54768 | 0 | 9.14066 |
| 7295 | GLOBAL | Cartesian | 53.54768 | 0 | 9.0928 | No | 53.54768 | 0 | 9.0928 |
| 7296 | GLOBAL | Cartesian | 53.73518 | 0 | 9.12272 | No | 53.73518 | 0 | 9.12272 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 7297 | GLOBAL | Cartesian | 53.73518 | 0 | 9.07541 | No | 53.73518 | 0 | 9.07541 |
| 7298 | GLOBAL | Cartesian | 53.92268 | 0 | 9.10478 | No | 53.92268 | 0 | 9.10478 |
| 7299 | GLOBAL | Cartesian | 53.92268 | 0 | 9.05802 | No | 53.92268 | 0 | 9.05802 |
| 7302 | GLOBAL | Cartesian | 44.44397 | 0 | 10.18647 | No | 44.44397 | 0 | 10.18647 |
| 7303 | GLOBAL | Cartesian | 44.45741 | 0 | 10.08465 | No | 44.45741 | 0 | 10.08465 |
| 7304 | GLOBAL | Cartesian | 44.44397 | 0 | 10.28695 | No | 44.44397 | 0 | 10.28695 |
| 7307 | GLOBAL | Cartesian | 32.66993 | 0 | 11.24669 | No | 32.66993 | 0 | 11.24669 |
| 7308 | GLOBAL | Cartesian | 32.66217 | 0 | 11.11591 | No | 32.66217 | 0 | 11.11591 |
| 7309 | GLOBAL | Cartesian | 32.67625 | 0 | 11.34655 | No | 32.67625 | 0 | 11.34655 |
| 7310 | GLOBAL | Cartesian | 32.67625 | 0 | 11.44704 | No | 32.67625 | 0 | 11.44704 |
| 8407 | GLOBAL | Cartesian | 31.60839 | 0.1 | 11.55231 | No | 31.60839 | 0.1 | 11.55231 |
| 8408 | GLOBAL | Cartesian | 31.42268 | 0.1 | 11.57062 | No | 31.42268 | 0.1 | 11.57062 |
| 8409 | GLOBAL | Cartesian | 31.60839 | 0.2 | 11.55231 | No | 31.60839 | 0.2 | 11.55231 |
| 8410 | GLOBAL | Cartesian | 31.42268 | 0.2 | 11.57062 | No | 31.42268 | 0.2 | 11.57062 |
| 8411 | GLOBAL | Cartesian | 31.79411 | 0.1 | 11.534 | No | 31.79411 | 0.1 | 11.534 |
| 8412 | GLOBAL | Cartesian | 31.79411 | 0.2 | 11.534 | No | 31.79411 | 0.2 | 11.534 |
| 8413 | GLOBAL | Cartesian | 31.97982 | 0.1 | 11.51569 | No | 31.97982 | 0.1 | 11.51569 |
| 8414 | GLOBAL | Cartesian | 31.97982 | 0.2 | 11.51569 | No | 31.97982 | 0.2 | 11.51569 |
| 8415 | GLOBAL | Cartesian | 32.16554 | 0.1 | 11.49738 | No | 32.16554 | 0.1 | 11.49738 |
| 8416 | GLOBAL | Cartesian | 32.16554 | 0.2 | 11.49738 | No | 32.16554 | 0.2 | 11.49738 |
| 8417 | GLOBAL | Cartesian | 32.35125 | 0.1 | 11.47908 | No | 32.35125 | 0.1 | 11.47908 |
| 8418 | GLOBAL | Cartesian | 32.35125 | 0.2 | 11.47908 | No | 32.35125 | 0.2 | 11.47908 |
| 8419 | GLOBAL | Cartesian | 32.53696 | 0.1 | 11.46077 | No | 32.53696 | 0.1 | 11.46077 |
| 8420 | GLOBAL | Cartesian | 32.53696 | 0.2 | 11.46077 | No | 32.53696 | 0.2 | 11.46077 |
| 8421 | GLOBAL | Cartesian | 32.62982 | 0.1 | 11.45161 | No | 32.62982 | 0.1 | 11.45161 |
| 8422 | GLOBAL | Cartesian | 32.62982 | 0.2 | 11.45161 | No | 32.62982 | 0.2 | 11.45161 |
| 8423 | GLOBAL | Cartesian | 32.67625 | 0.1 | 11.44704 | No | 32.67625 | 0.1 | 11.44704 |
| 8424 | GLOBAL | Cartesian | 32.67625 | 0.2 | 11.44704 | No | 32.67625 | 0.2 | 11.44704 |
| 8425 | GLOBAL | Cartesian | 32.72268 | 0.1 | 11.44246 | No | 32.72268 | 0.1 | 11.44246 |
| 8426 | GLOBAL | Cartesian | 32.72268 | 0.2 | 11.44246 | No | 32.72268 | 0.2 | 11.44246 |
| 8427 | GLOBAL | Cartesian | 32.82268 | 0.1 | 11.4326 | No | 32.82268 | 0.1 | 11.4326 |
| 8428 | GLOBAL | Cartesian | 32.82268 | 0.2 | 11.4326 | No | 32.82268 | 0.2 | 11.4326 |
| 8429 | GLOBAL | Cartesian | 32.92268 | 0.1 | 11.42274 | No | 32.92268 | 0.1 | 11.42274 |
| 8430 | GLOBAL | Cartesian | 32.92268 | 0.2 | 11.42274 | No | 32.92268 | 0.2 | 11.42274 |
| 8431 | GLOBAL | Cartesian | 33.02268 | 0.1 | 11.41288 | No | 33.02268 | 0.1 | 11.41288 |
| 8432 | GLOBAL | Cartesian | 33.02268 | 0.2 | 11.41288 | No | 33.02268 | 0.2 | 11.41288 |
| 8433 | GLOBAL | Cartesian | 33.12268 | 0.1 | 11.40303 | No | 33.12268 | 0.1 | 11.40303 |
| 8434 | GLOBAL | Cartesian | 33.12268 | 0.2 | 11.40303 | No | 33.12268 | 0.2 | 11.40303 |
| 8435 | GLOBAL | Cartesian | 33.30839 | 0.1 | 11.38472 | No | 33.30839 | 0.1 | 11.38472 |
| 8436 | GLOBAL | Cartesian | 33.30839 | 0.2 | 11.38472 | No | 33.30839 | 0.2 | 11.38472 |
| 8437 | GLOBAL | Cartesian | 33.49411 | 0.1 | 11.36641 | No | 33.49411 | 0.1 | 11.36641 |
| 8438 | GLOBAL | Cartesian | 33.49411 | 0.2 | 11.36641 | No | 33.49411 | 0.2 | 11.36641 |
| 8439 | GLOBAL | Cartesian | 33.67982 | 0.1 | 11.3481 | No | 33.67982 | 0.1 | 11.3481 |
| 8440 | GLOBAL | Cartesian | 33.67982 | 0.2 | 11.3481 | No | 33.67982 | 0.2 | 11.3481 |
| 8441 | GLOBAL | Cartesian | 33.86554 | 0.1 | 11.32979 | No | 33.86554 | 0.1 | 11.32979 |
| 8442 | GLOBAL | Cartesian | 33.86554 | 0.2 | 11.32979 | No | 33.86554 | 0.2 | 11.32979 |
| 8443 | GLOBAL | Cartesian | 34.05125 | 0.1 | 11.31149 | No | 34.05125 | 0.1 | 11.31149 |
| 8444 | GLOBAL | Cartesian | 34.05125 | 0.2 | 11.31149 | No | 34.05125 | 0.2 | 11.31149 |
| 8445 | GLOBAL | Cartesian | 34.23696 | 0.1 | 11.29318 | No | 34.23696 | 0.1 | 11.29318 |
| 8446 | GLOBAL | Cartesian | 34.23696 | 0.2 | 11.29318 | No | 34.23696 | 0.2 | 11.29318 |
| 8447 | GLOBAL | Cartesian | 34.42268 | 0.1 | 11.27487 | No | 34.42268 | 0.1 | 11.27487 |
| 8448 | GLOBAL | Cartesian | 34.42268 | 0.2 | 11.27487 | No | 34.42268 | 0.2 | 11.27487 |
| 8449 | GLOBAL | Cartesian | 34.60839 | 0.1 | 11.25656 | No | 34.60839 | 0.1 | 11.25656 |
| 8450 | GLOBAL | Cartesian | 34.60839 | 0.2 | 11.25656 | No | 34.60839 | 0.2 | 11.25656 |
| 8451 | GLOBAL | Cartesian | 34.79411 | 0.1 | 11.23825 | No | 34.79411 | 0.1 | 11.23825 |
| 8452 | GLOBAL | Cartesian | 34.79411 | 0.2 | 11.23825 | No | 34.79411 | 0.2 | 11.23825 |
| 8453 | GLOBAL | Cartesian | 34.97982 | 0.1 | 11.21995 | No | 34.97982 | 0.1 | 11.21995 |
| 8454 | GLOBAL | Cartesian | 34.97982 | 0.2 | 11.21995 | No | 34.97982 | 0.2 | 11.21995 |
| 8455 | GLOBAL | Cartesian | 35.16554 | 0.1 | 11.20164 | No | 35.16554 | 0.1 | 11.20164 |
| 8456 | GLOBAL | Cartesian | 35.16554 | 0.2 | 11.20164 | No | 35.16554 | 0.2 | 11.20164 |
| 8457 | GLOBAL | Cartesian | 35.35125 | 0.1 | 11.18333 | No | 35.35125 | 0.1 | 11.18333 |
| 8458 | GLOBAL | Cartesian | 35.35125 | 0.2 | 11.18333 | No | 35.35125 | 0.2 | 11.18333 |
| 8459 | GLOBAL | Cartesian | 35.53696 | 0.1 | 11.16502 | No | 35.53696 | 0.1 | 11.16502 |
| 8460 | GLOBAL | Cartesian | 35.53696 | 0.2 | 11.16502 | No | 35.53696 | 0.2 | 11.16502 |
| 8461 | GLOBAL | Cartesian | 35.62982 | 0.1 | 11.15587 | No | 35.62982 | 0.1 | 11.15587 |
| 8462 | GLOBAL | Cartesian | 35.62982 | 0.2 | 11.15587 | No | 35.62982 | 0.2 | 11.15587 |
| 8463 | GLOBAL | Cartesian | 35.72268 | 0.1 | 11.14671 | No | 35.72268 | 0.1 | 11.14671 |
| 8464 | GLOBAL | Cartesian | 35.72268 | 0.2 | 11.14671 | No | 35.72268 | 0.2 | 11.14671 |
| 8465 | GLOBAL | Cartesian | 35.82268 | 0.1 | 11.13685 | No | 35.82268 | 0.1 | 11.13685 |
| 8466 | GLOBAL | Cartesian | 35.82268 | 0.2 | 11.13685 | No | 35.82268 | 0.2 | 11.13685 |
| 8467 | GLOBAL | Cartesian | 35.92268 | 0.1 | 11.127 | No | 35.92268 | 0.1 | 11.127 |
| 8468 | GLOBAL | Cartesian | 35.92268 | 0.2 | 11.127 | No | 35.92268 | 0.2 | 11.127 |
| 8469 | GLOBAL | Cartesian | 36.02268 | 0.1 | 11.11714 | No | 36.02268 | 0.1 | 11.11714 |
| 8470 | GLOBAL | Cartesian | 36.02268 | 0.2 | 11.11714 | No | 36.02268 | 0.2 | 11.11714 |
| 8471 | GLOBAL | Cartesian | 36.12268 | 0.1 | 11.10728 | No | 36.12268 | 0.1 | 11.10728 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 8472 | GLOBAL | Cartesian | 36.12268 | 0.2 | 11.10728 | No | 36.12268 | 0.2 | 11.10728 |
| 8473 | GLOBAL | Cartesian | 36.30839 | 0.1 | 11.08897 | No | 36.30839 | 0.1 | 11.08897 |
| 8474 | GLOBAL | Cartesian | 36.30839 | 0.2 | 11.08897 | No | 36.30839 | 0.2 | 11.08897 |
| 8475 | GLOBAL | Cartesian | 36.49411 | 0.1 | 11.07066 | No | 36.49411 | 0.1 | 11.07066 |
| 8476 | GLOBAL | Cartesian | 36.49411 | 0.2 | 11.07066 | No | 36.49411 | 0.2 | 11.07066 |
| 8477 | GLOBAL | Cartesian | 36.67982 | 0.1 | 11.05236 | No | 36.67982 | 0.1 | 11.05236 |
| 8478 | GLOBAL | Cartesian | 36.67982 | 0.2 | 11.05236 | No | 36.67982 | 0.2 | 11.05236 |
| 8479 | GLOBAL | Cartesian | 36.86554 | 0.1 | 11.03405 | No | 36.86554 | 0.1 | 11.03405 |
| 8480 | GLOBAL | Cartesian | 36.86554 | 0.2 | 11.03405 | No | 36.86554 | 0.2 | 11.03405 |
| 8481 | GLOBAL | Cartesian | 37.05125 | 0.1 | 11.01574 | No | 37.05125 | 0.1 | 11.01574 |
| 8482 | GLOBAL | Cartesian | 37.05125 | 0.2 | 11.01574 | No | 37.05125 | 0.2 | 11.01574 |
| 8483 | GLOBAL | Cartesian | 37.23696 | 0.1 | 10.99743 | No | 37.23696 | 0.1 | 10.99743 |
| 8484 | GLOBAL | Cartesian | 37.23696 | 0.2 | 10.99743 | No | 37.23696 | 0.2 | 10.99743 |
| 8485 | GLOBAL | Cartesian | 37.42268 | 0.1 | 10.97912 | No | 37.42268 | 0.1 | 10.97912 |
| 8486 | GLOBAL | Cartesian | 37.42268 | 0.2 | 10.97912 | No | 37.42268 | 0.2 | 10.97912 |
| 8487 | GLOBAL | Cartesian | 37.60839 | 0.1 | 10.96082 | No | 37.60839 | 0.1 | 10.96082 |
| 8488 | GLOBAL | Cartesian | 37.60839 | 0.2 | 10.96082 | No | 37.60839 | 0.2 | 10.96082 |
| 8489 | GLOBAL | Cartesian | 37.79411 | 0.1 | 10.94251 | No | 37.79411 | 0.1 | 10.94251 |
| 8490 | GLOBAL | Cartesian | 37.79411 | 0.2 | 10.94251 | No | 37.79411 | 0.2 | 10.94251 |
| 8491 | GLOBAL | Cartesian | 37.97982 | 0.1 | 10.9242 | No | 37.97982 | 0.1 | 10.9242 |
| 8492 | GLOBAL | Cartesian | 37.97982 | 0.2 | 10.9242 | No | 37.97982 | 0.2 | 10.9242 |
| 8493 | GLOBAL | Cartesian | 38.16554 | 0.1 | 10.90589 | No | 38.16554 | 0.1 | 10.90589 |
| 8494 | GLOBAL | Cartesian | 38.16554 | 0.2 | 10.90589 | No | 38.16554 | 0.2 | 10.90589 |
| 8495 | GLOBAL | Cartesian | 38.35125 | 0.1 | 10.88758 | No | 38.35125 | 0.1 | 10.88758 |
| 8496 | GLOBAL | Cartesian | 38.35125 | 0.2 | 10.88758 | No | 38.35125 | 0.2 | 10.88758 |
| 8497 | GLOBAL | Cartesian | 38.53696 | 0.1 | 10.86927 | No | 38.53696 | 0.1 | 10.86927 |
| 8498 | GLOBAL | Cartesian | 38.53696 | 0.2 | 10.86927 | No | 38.53696 | 0.2 | 10.86927 |
| 8499 | GLOBAL | Cartesian | 38.62982 | 0.1 | 10.86012 | No | 38.62982 | 0.1 | 10.86012 |
| 8500 | GLOBAL | Cartesian | 38.62982 | 0.2 | 10.86012 | No | 38.62982 | 0.2 | 10.86012 |
| 8501 | GLOBAL | Cartesian | 38.72268 | 0.1 | 10.85097 | No | 38.72268 | 0.1 | 10.85097 |
| 8502 | GLOBAL | Cartesian | 38.72268 | 0.2 | 10.85097 | No | 38.72268 | 0.2 | 10.85097 |
| 8503 | GLOBAL | Cartesian | 38.82268 | 0.1 | 10.84111 | No | 38.82268 | 0.1 | 10.84111 |
| 8504 | GLOBAL | Cartesian | 38.82268 | 0.2 | 10.84111 | No | 38.82268 | 0.2 | 10.84111 |
| 8505 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.83125 | No | 38.92268 | 0.1 | 10.83125 |
| 8506 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.83125 | No | 38.92268 | 0.2 | 10.83125 |
| 8507 | GLOBAL | Cartesian | 39.02323 | 0.1 | 10.82134 | No | 39.02323 | 0.1 | 10.82134 |
| 8508 | GLOBAL | Cartesian | 39.02323 | 0.2 | 10.82134 | No | 39.02323 | 0.2 | 10.82134 |
| 8509 | GLOBAL | Cartesian | 39.12377 | 0.1 | 10.81143 | No | 39.12377 | 0.1 | 10.81143 |
| 8510 | GLOBAL | Cartesian | 39.12377 | 0.2 | 10.81143 | No | 39.12377 | 0.2 | 10.81143 |
| 8511 | GLOBAL | Cartesian | 39.30939 | 0.1 | 10.79313 | No | 39.30939 | 0.1 | 10.79313 |
| 8512 | GLOBAL | Cartesian | 39.30939 | 0.2 | 10.79313 | No | 39.30939 | 0.2 | 10.79313 |
| 8513 | GLOBAL | Cartesian | 39.49502 | 0.1 | 10.77483 | No | 39.49502 | 0.1 | 10.77483 |
| 8514 | GLOBAL | Cartesian | 39.49502 | 0.2 | 10.77483 | No | 39.49502 | 0.2 | 10.77483 |
| 8515 | GLOBAL | Cartesian | 39.68064 | 0.1 | 10.75653 | No | 39.68064 | 0.1 | 10.75653 |
| 8516 | GLOBAL | Cartesian | 39.68064 | 0.2 | 10.75653 | No | 39.68064 | 0.2 | 10.75653 |
| 8517 | GLOBAL | Cartesian | 39.86626 | 0.1 | 10.73823 | No | 39.86626 | 0.1 | 10.73823 |
| 8518 | GLOBAL | Cartesian | 39.86626 | 0.2 | 10.73823 | No | 39.86626 | 0.2 | 10.73823 |
| 8519 | GLOBAL | Cartesian | 40.05188 | 0.1 | 10.71993 | No | 40.05188 | 0.1 | 10.71993 |
| 8520 | GLOBAL | Cartesian | 40.05188 | 0.2 | 10.71993 | No | 40.05188 | 0.2 | 10.71993 |
| 8521 | GLOBAL | Cartesian | 40.2375 | 0.1 | 10.70163 | No | 40.2375 | 0.1 | 10.70163 |
| 8522 | GLOBAL | Cartesian | 40.2375 | 0.2 | 10.70163 | No | 40.2375 | 0.2 | 10.70163 |
| 8523 | GLOBAL | Cartesian | 40.42312 | 0.1 | 10.68333 | No | 40.42312 | 0.1 | 10.68333 |
| 8524 | GLOBAL | Cartesian | 40.42312 | 0.2 | 10.68333 | No | 40.42312 | 0.2 | 10.68333 |
| 8525 | GLOBAL | Cartesian | 40.60874 | 0.1 | 10.66503 | No | 40.60874 | 0.1 | 10.66503 |
| 8526 | GLOBAL | Cartesian | 40.60874 | 0.2 | 10.66503 | No | 40.60874 | 0.2 | 10.66503 |
| 8527 | GLOBAL | Cartesian | 40.79437 | 0.1 | 10.64674 | No | 40.79437 | 0.1 | 10.64674 |
| 8528 | GLOBAL | Cartesian | 40.79437 | 0.2 | 10.64674 | No | 40.79437 | 0.2 | 10.64674 |
| 8529 | GLOBAL | Cartesian | 40.97999 | 0.1 | 10.62844 | No | 40.97999 | 0.1 | 10.62844 |
| 8530 | GLOBAL | Cartesian | 40.97999 | 0.2 | 10.62844 | No | 40.97999 | 0.2 | 10.62844 |
| 8531 | GLOBAL | Cartesian | 41.16561 | 0.1 | 10.61014 | No | 41.16561 | 0.1 | 10.61014 |
| 8532 | GLOBAL | Cartesian | 41.16561 | 0.2 | 10.61014 | No | 41.16561 | 0.2 | 10.61014 |
| 8533 | GLOBAL | Cartesian | 41.35123 | 0.1 | 10.59184 | No | 41.35123 | 0.1 | 10.59184 |
| 8534 | GLOBAL | Cartesian | 41.35123 | 0.2 | 10.59184 | No | 41.35123 | 0.2 | 10.59184 |
| 8535 | GLOBAL | Cartesian | 41.53685 | 0.1 | 10.57354 | No | 41.53685 | 0.1 | 10.57354 |
| 8536 | GLOBAL | Cartesian | 41.53685 | 0.2 | 10.57354 | No | 41.53685 | 0.2 | 10.57354 |
| 8537 | GLOBAL | Cartesian | 41.72247 | 0.1 | 10.55524 | No | 41.72247 | 0.1 | 10.55524 |
| 8538 | GLOBAL | Cartesian | 41.72247 | 0.2 | 10.55524 | No | 41.72247 | 0.2 | 10.55524 |
| 8539 | GLOBAL | Cartesian | 41.82258 | 0.1 | 10.54537 | No | 41.82258 | 0.1 | 10.54537 |
| 8540 | GLOBAL | Cartesian | 41.82258 | 0.2 | 10.54537 | No | 41.82258 | 0.2 | 10.54537 |
| 8541 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.5355 | No | 41.92268 | 0.1 | 10.5355 |
| 8542 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.5355 | No | 41.92268 | 0.2 | 10.5355 |
| 8543 | GLOBAL | Cartesian | 42.02285 | 0.1 | 10.52563 | No | 42.02285 | 0.1 | 10.52563 |
| 8544 | GLOBAL | Cartesian | 42.02285 | 0.2 | 10.52563 | No | 42.02285 | 0.2 | 10.52563 |
| 8545 | GLOBAL | Cartesian | 42.12302 | 0.1 | 10.51575 | No | 42.12302 | 0.1 | 10.51575 |
| 8546 | GLOBAL | Cartesian | 42.12302 | 0.2 | 10.51575 | No | 42.12302 | 0.2 | 10.51575 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 8547 | GLOBAL | Cartesian | 42.30869 | 0.1 | 10.49745 | No | 42.30869 | 0.1 | 10.49745 |
| 8548 | GLOBAL | Cartesian | 42.30869 | 0.2 | 10.49745 | No | 42.30869 | 0.2 | 10.49745 |
| 8549 | GLOBAL | Cartesian | 42.49437 | 0.1 | 10.47915 | No | 42.49437 | 0.1 | 10.47915 |
| 8550 | GLOBAL | Cartesian | 42.49437 | 0.2 | 10.47915 | No | 42.49437 | 0.2 | 10.47915 |
| 8551 | GLOBAL | Cartesian | 42.68004 | 0.1 | 10.46084 | No | 42.68004 | 0.1 | 10.46084 |
| 8552 | GLOBAL | Cartesian | 42.68004 | 0.2 | 10.46084 | No | 42.68004 | 0.2 | 10.46084 |
| 8553 | GLOBAL | Cartesian | 42.86572 | 0.1 | 10.44254 | No | 42.86572 | 0.1 | 10.44254 |
| 8554 | GLOBAL | Cartesian | 42.86572 | 0.2 | 10.44254 | No | 42.86572 | 0.2 | 10.44254 |
| 8555 | GLOBAL | Cartesian | 43.0514 | 0.1 | 10.42423 | No | 43.0514 | 0.1 | 10.42423 |
| 8556 | GLOBAL | Cartesian | 43.0514 | 0.2 | 10.42423 | No | 43.0514 | 0.2 | 10.42423 |
| 8557 | GLOBAL | Cartesian | 43.23707 | 0.1 | 10.40593 | No | 43.23707 | 0.1 | 10.40593 |
| 8558 | GLOBAL | Cartesian | 43.23707 | 0.2 | 10.40593 | No | 43.23707 | 0.2 | 10.40593 |
| 8559 | GLOBAL | Cartesian | 43.42275 | 0.1 | 10.38762 | No | 43.42275 | 0.1 | 10.38762 |
| 8560 | GLOBAL | Cartesian | 43.42275 | 0.2 | 10.38762 | No | 43.42275 | 0.2 | 10.38762 |
| 8561 | GLOBAL | Cartesian | 43.60842 | 0.1 | 10.36932 | No | 43.60842 | 0.1 | 10.36932 |
| 8562 | GLOBAL | Cartesian | 43.60842 | 0.2 | 10.36932 | No | 43.60842 | 0.2 | 10.36932 |
| 8563 | GLOBAL | Cartesian | 43.7941 | 0.1 | 10.35102 | No | 43.7941 | 0.1 | 10.35102 |
| 8564 | GLOBAL | Cartesian | 43.7941 | 0.2 | 10.35102 | No | 43.7941 | 0.2 | 10.35102 |
| 8565 | GLOBAL | Cartesian | 43.97978 | 0.1 | 10.33271 | No | 43.97978 | 0.1 | 10.33271 |
| 8566 | GLOBAL | Cartesian | 43.97978 | 0.2 | 10.33271 | No | 43.97978 | 0.2 | 10.33271 |
| 8567 | GLOBAL | Cartesian | 44.16545 | 0.1 | 10.31441 | No | 44.16545 | 0.1 | 10.31441 |
| 8568 | GLOBAL | Cartesian | 44.16545 | 0.2 | 10.31441 | No | 44.16545 | 0.2 | 10.31441 |
| 8569 | GLOBAL | Cartesian | 44.35113 | 0.1 | 10.2961 | No | 44.35113 | 0.1 | 10.2961 |
| 8570 | GLOBAL | Cartesian | 44.35113 | 0.2 | 10.2961 | No | 44.35113 | 0.2 | 10.2961 |
| 8571 | GLOBAL | Cartesian | 44.44397 | 0.1 | 10.28695 | No | 44.44397 | 0.1 | 10.28695 |
| 8572 | GLOBAL | Cartesian | 44.44397 | 0.2 | 10.28695 | No | 44.44397 | 0.2 | 10.28695 |
| 8573 | GLOBAL | Cartesian | 44.5368 | 0.1 | 10.2778 | No | 44.5368 | 0.1 | 10.2778 |
| 8574 | GLOBAL | Cartesian | 44.5368 | 0.2 | 10.2778 | No | 44.5368 | 0.2 | 10.2778 |
| 8575 | GLOBAL | Cartesian | 44.72248 | 0.1 | 10.25949 | No | 44.72248 | 0.1 | 10.25949 |
| 8576 | GLOBAL | Cartesian | 44.72248 | 0.2 | 10.25949 | No | 44.72248 | 0.2 | 10.25949 |
| 8577 | GLOBAL | Cartesian | 44.82258 | 0.1 | 10.24963 | No | 44.82258 | 0.1 | 10.24963 |
| 8578 | GLOBAL | Cartesian | 44.82258 | 0.2 | 10.24963 | No | 44.82258 | 0.2 | 10.24963 |
| 8579 | GLOBAL | Cartesian | 44.92268 | 0.1 | 10.23976 | No | 44.92268 | 0.1 | 10.23976 |
| 8580 | GLOBAL | Cartesian | 44.92268 | 0.2 | 10.23976 | No | 44.92268 | 0.2 | 10.23976 |
| 8581 | GLOBAL | Cartesian | 45.02268 | 0.1 | 10.2299 | No | 45.02268 | 0.1 | 10.2299 |
| 8582 | GLOBAL | Cartesian | 45.02268 | 0.2 | 10.2299 | No | 45.02268 | 0.2 | 10.2299 |
| 8583 | GLOBAL | Cartesian | 45.12268 | 0.1 | 10.22004 | No | 45.12268 | 0.1 | 10.22004 |
| 8584 | GLOBAL | Cartesian | 45.12268 | 0.2 | 10.22004 | No | 45.12268 | 0.2 | 10.22004 |
| 8585 | GLOBAL | Cartesian | 45.30838 | 0.1 | 10.20173 | No | 45.30838 | 0.1 | 10.20173 |
| 8586 | GLOBAL | Cartesian | 45.30838 | 0.2 | 10.20173 | No | 45.30838 | 0.2 | 10.20173 |
| 8587 | GLOBAL | Cartesian | 45.49408 | 0.1 | 10.18343 | No | 45.49408 | 0.1 | 10.18343 |
| 8588 | GLOBAL | Cartesian | 45.49408 | 0.2 | 10.18343 | No | 45.49408 | 0.2 | 10.18343 |
| 8589 | GLOBAL | Cartesian | 45.67978 | 0.1 | 10.16512 | No | 45.67978 | 0.1 | 10.16512 |
| 8590 | GLOBAL | Cartesian | 45.67978 | 0.2 | 10.16512 | No | 45.67978 | 0.2 | 10.16512 |
| 8591 | GLOBAL | Cartesian | 45.86548 | 0.1 | 10.14681 | No | 45.86548 | 0.1 | 10.14681 |
| 8592 | GLOBAL | Cartesian | 45.86548 | 0.2 | 10.14681 | No | 45.86548 | 0.2 | 10.14681 |
| 8593 | GLOBAL | Cartesian | 46.05118 | 0.1 | 10.12851 | No | 46.05118 | 0.1 | 10.12851 |
| 8594 | GLOBAL | Cartesian | 46.05118 | 0.2 | 10.12851 | No | 46.05118 | 0.2 | 10.12851 |
| 8595 | GLOBAL | Cartesian | 46.23688 | 0.1 | 10.1102 | No | 46.23688 | 0.1 | 10.1102 |
| 8596 | GLOBAL | Cartesian | 46.23688 | 0.2 | 10.1102 | No | 46.23688 | 0.2 | 10.1102 |
| 8597 | GLOBAL | Cartesian | 46.42258 | 0.1 | 10.09189 | No | 46.42258 | 0.1 | 10.09189 |
| 8598 | GLOBAL | Cartesian | 46.42258 | 0.2 | 10.09189 | No | 46.42258 | 0.2 | 10.09189 |
| 8599 | GLOBAL | Cartesian | 46.60828 | 0.1 | 10.07359 | No | 46.60828 | 0.1 | 10.07359 |
| 8600 | GLOBAL | Cartesian | 46.60828 | 0.2 | 10.07359 | No | 46.60828 | 0.2 | 10.07359 |
| 8601 | GLOBAL | Cartesian | 46.79398 | 0.1 | 10.05528 | No | 46.79398 | 0.1 | 10.05528 |
| 8602 | GLOBAL | Cartesian | 46.79398 | 0.2 | 10.05528 | No | 46.79398 | 0.2 | 10.05528 |
| 8603 | GLOBAL | Cartesian | 46.97968 | 0.1 | 10.03697 | No | 46.97968 | 0.1 | 10.03697 |
| 8604 | GLOBAL | Cartesian | 46.97968 | 0.2 | 10.03697 | No | 46.97968 | 0.2 | 10.03697 |
| 8605 | GLOBAL | Cartesian | 47.16538 | 0.1 | 10.01867 | No | 47.16538 | 0.1 | 10.01867 |
| 8606 | GLOBAL | Cartesian | 47.16538 | 0.2 | 10.01867 | No | 47.16538 | 0.2 | 10.01867 |
| 8607 | GLOBAL | Cartesian | 47.35108 | 0.1 | 10.00036 | No | 47.35108 | 0.1 | 10.00036 |
| 8608 | GLOBAL | Cartesian | 47.35108 | 0.2 | 10.00036 | No | 47.35108 | 0.2 | 10.00036 |
| 8609 | GLOBAL | Cartesian | 47.53678 | 0.1 | 9.98205 | No | 47.53678 | 0.1 | 9.98205 |
| 8610 | GLOBAL | Cartesian | 47.53678 | 0.2 | 9.98205 | No | 47.53678 | 0.2 | 9.98205 |
| 8611 | GLOBAL | Cartesian | 47.72248 | 0.1 | 9.96375 | No | 47.72248 | 0.1 | 9.96375 |
| 8612 | GLOBAL | Cartesian | 47.72248 | 0.2 | 9.96375 | No | 47.72248 | 0.2 | 9.96375 |
| 8613 | GLOBAL | Cartesian | 47.82258 | 0.1 | 9.95388 | No | 47.82258 | 0.1 | 9.95388 |
| 8614 | GLOBAL | Cartesian | 47.82258 | 0.2 | 9.95388 | No | 47.82258 | 0.2 | 9.95388 |
| 8615 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.94401 | No | 47.92268 | 0.1 | 9.94401 |
| 8616 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.94401 | No | 47.92268 | 0.2 | 9.94401 |
| 8617 | GLOBAL | Cartesian | 48.11018 | 0.1 | 9.92553 | No | 48.11018 | 0.1 | 9.92553 |
| 8618 | GLOBAL | Cartesian | 48.11018 | 0.2 | 9.92553 | No | 48.11018 | 0.2 | 9.92553 |
| 8619 | GLOBAL | Cartesian | 48.29768 | 0.1 | 9.90704 | No | 48.29768 | 0.1 | 9.90704 |
| 8620 | GLOBAL | Cartesian | 48.29768 | 0.2 | 9.90704 | No | 48.29768 | 0.2 | 9.90704 |
| 8621 | GLOBAL | Cartesian | 48.48518 | 0.1 | 9.88856 | No | 48.48518 | 0.1 | 9.88856 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 8622 | GLOBAL | Cartesian | 48.48518 | 0.2 | 9.88856 | No | 48.48518 | 0.2 | 9.88856 |
| 8623 | GLOBAL | Cartesian | 48.67268 | 0.1 | 9.87007 | No | 48.67268 | 0.1 | 9.87007 |
| 8624 | GLOBAL | Cartesian | 48.67268 | 0.2 | 9.87007 | No | 48.67268 | 0.2 | 9.87007 |
| 8625 | GLOBAL | Cartesian | 48.86018 | 0.1 | 9.85159 | No | 48.86018 | 0.1 | 9.85159 |
| 8626 | GLOBAL | Cartesian | 48.86018 | 0.2 | 9.85159 | No | 48.86018 | 0.2 | 9.85159 |
| 8627 | GLOBAL | Cartesian | 49.04768 | 0.1 | 9.83311 | No | 49.04768 | 0.1 | 9.83311 |
| 8628 | GLOBAL | Cartesian | 49.04768 | 0.2 | 9.83311 | No | 49.04768 | 0.2 | 9.83311 |
| 8629 | GLOBAL | Cartesian | 49.23518 | 0.1 | 9.81462 | No | 49.23518 | 0.1 | 9.81462 |
| 8630 | GLOBAL | Cartesian | 49.23518 | 0.2 | 9.81462 | No | 49.23518 | 0.2 | 9.81462 |
| 8631 | GLOBAL | Cartesian | 49.42268 | 0.1 | 9.79614 | No | 49.42268 | 0.1 | 9.79614 |
| 8632 | GLOBAL | Cartesian | 49.42268 | 0.2 | 9.79614 | No | 49.42268 | 0.2 | 9.79614 |
| 8633 | GLOBAL | Cartesian | 49.61018 | 0.1 | 9.77765 | No | 49.61018 | 0.1 | 9.77765 |
| 8634 | GLOBAL | Cartesian | 49.61018 | 0.2 | 9.77765 | No | 49.61018 | 0.2 | 9.77765 |
| 8635 | GLOBAL | Cartesian | 49.79768 | 0.1 | 9.75917 | No | 49.79768 | 0.1 | 9.75917 |
| 8636 | GLOBAL | Cartesian | 49.79768 | 0.2 | 9.75917 | No | 49.79768 | 0.2 | 9.75917 |
| 8637 | GLOBAL | Cartesian | 49.98518 | 0.1 | 9.74069 | No | 49.98518 | 0.1 | 9.74069 |
| 8638 | GLOBAL | Cartesian | 49.98518 | 0.2 | 9.74069 | No | 49.98518 | 0.2 | 9.74069 |
| 8639 | GLOBAL | Cartesian | 50.17268 | 0.1 | 9.7222 | No | 50.17268 | 0.1 | 9.7222 |
| 8640 | GLOBAL | Cartesian | 50.17268 | 0.2 | 9.7222 | No | 50.17268 | 0.2 | 9.7222 |
| 8641 | GLOBAL | Cartesian | 50.36018 | 0.1 | 9.70372 | No | 50.36018 | 0.1 | 9.70372 |
| 8642 | GLOBAL | Cartesian | 50.36018 | 0.2 | 9.70372 | No | 50.36018 | 0.2 | 9.70372 |
| 8643 | GLOBAL | Cartesian | 50.54768 | 0.1 | 9.68523 | No | 50.54768 | 0.1 | 9.68523 |
| 8644 | GLOBAL | Cartesian | 50.54768 | 0.2 | 9.68523 | No | 50.54768 | 0.2 | 9.68523 |
| 8645 | GLOBAL | Cartesian | 50.73518 | 0.1 | 9.66675 | No | 50.73518 | 0.1 | 9.66675 |
| 8646 | GLOBAL | Cartesian | 50.73518 | 0.2 | 9.66675 | No | 50.73518 | 0.2 | 9.66675 |
| 8647 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.64826 | No | 50.92268 | 0.1 | 9.64826 |
| 8648 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.64826 | No | 50.92268 | 0.2 | 9.64826 |
| 8649 | GLOBAL | Cartesian | 51.11018 | 0.1 | 9.62978 | No | 51.11018 | 0.1 | 9.62978 |
| 8650 | GLOBAL | Cartesian | 51.11018 | 0.2 | 9.62978 | No | 51.11018 | 0.2 | 9.62978 |
| 8651 | GLOBAL | Cartesian | 51.29768 | 0.1 | 9.6113 | No | 51.29768 | 0.1 | 9.6113 |
| 8652 | GLOBAL | Cartesian | 51.29768 | 0.2 | 9.6113 | No | 51.29768 | 0.2 | 9.6113 |
| 8653 | GLOBAL | Cartesian | 51.48518 | 0.1 | 9.59281 | No | 51.48518 | 0.1 | 9.59281 |
| 8654 | GLOBAL | Cartesian | 51.48518 | 0.2 | 9.59281 | No | 51.48518 | 0.2 | 9.59281 |
| 8655 | GLOBAL | Cartesian | 51.67268 | 0.1 | 9.57433 | No | 51.67268 | 0.1 | 9.57433 |
| 8656 | GLOBAL | Cartesian | 51.67268 | 0.2 | 9.57433 | No | 51.67268 | 0.2 | 9.57433 |
| 8657 | GLOBAL | Cartesian | 51.86018 | 0.1 | 9.55584 | No | 51.86018 | 0.1 | 9.55584 |
| 8658 | GLOBAL | Cartesian | 51.86018 | 0.2 | 9.55584 | No | 51.86018 | 0.2 | 9.55584 |
| 8659 | GLOBAL | Cartesian | 52.04768 | 0.1 | 9.53736 | No | 52.04768 | 0.1 | 9.53736 |
| 8660 | GLOBAL | Cartesian | 52.04768 | 0.2 | 9.53736 | No | 52.04768 | 0.2 | 9.53736 |
| 8661 | GLOBAL | Cartesian | 52.23518 | 0.1 | 9.51888 | No | 52.23518 | 0.1 | 9.51888 |
| 8662 | GLOBAL | Cartesian | 52.23518 | 0.2 | 9.51888 | No | 52.23518 | 0.2 | 9.51888 |
| 8663 | GLOBAL | Cartesian | 52.42268 | 0.1 | 9.50039 | No | 52.42268 | 0.1 | 9.50039 |
| 8664 | GLOBAL | Cartesian | 52.42268 | 0.2 | 9.50039 | No | 52.42268 | 0.2 | 9.50039 |
| 8665 | GLOBAL | Cartesian | 52.61018 | 0.1 | 9.48191 | No | 52.61018 | 0.1 | 9.48191 |
| 8666 | GLOBAL | Cartesian | 52.61018 | 0.2 | 9.48191 | No | 52.61018 | 0.2 | 9.48191 |
| 8667 | GLOBAL | Cartesian | 52.79768 | 0.1 | 9.46342 | No | 52.79768 | 0.1 | 9.46342 |
| 8668 | GLOBAL | Cartesian | 52.79768 | 0.2 | 9.46342 | No | 52.79768 | 0.2 | 9.46342 |
| 8669 | GLOBAL | Cartesian | 52.98518 | 0.1 | 9.44494 | No | 52.98518 | 0.1 | 9.44494 |
| 8670 | GLOBAL | Cartesian | 52.98518 | 0.2 | 9.44494 | No | 52.98518 | 0.2 | 9.44494 |
| 8671 | GLOBAL | Cartesian | 53.17268 | 0.1 | 9.42645 | No | 53.17268 | 0.1 | 9.42645 |
| 8672 | GLOBAL | Cartesian | 53.17268 | 0.2 | 9.42645 | No | 53.17268 | 0.2 | 9.42645 |
| 8673 | GLOBAL | Cartesian | 53.36018 | 0.1 | 9.40797 | No | 53.36018 | 0.1 | 9.40797 |
| 8674 | GLOBAL | Cartesian | 53.36018 | 0.2 | 9.40797 | No | 53.36018 | 0.2 | 9.40797 |
| 8675 | GLOBAL | Cartesian | 53.54768 | 0.1 | 9.38949 | No | 53.54768 | 0.1 | 9.38949 |
| 8676 | GLOBAL | Cartesian | 53.54768 | 0.2 | 9.38949 | No | 53.54768 | 0.2 | 9.38949 |
| 8677 | GLOBAL | Cartesian | 53.73518 | 0.1 | 9.371 | No | 53.73518 | 0.1 | 9.371 |
| 8678 | GLOBAL | Cartesian | 53.73518 | 0.2 | 9.371 | No | 53.73518 | 0.2 | 9.371 |
| 8679 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.35252 | No | 53.92268 | 0.1 | 9.35252 |
| 8680 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.35252 | No | 53.92268 | 0.2 | 9.35252 |
| 10325 | GLOBAL | Cartesian | 31.60839 | -0.1 | 11.55231 | No | 31.60839 | -0.1 | 11.55231 |
| 10326 | GLOBAL | Cartesian | 31.42268 | -0.1 | 11.57062 | No | 31.42268 | -0.1 | 11.57062 |
| 10327 | GLOBAL | Cartesian | 31.60839 | -0.2 | 11.55231 | No | 31.60839 | -0.2 | 11.55231 |
| 10328 | GLOBAL | Cartesian | 31.42268 | -0.2 | 11.57062 | No | 31.42268 | -0.2 | 11.57062 |
| 10329 | GLOBAL | Cartesian | 31.79411 | -0.1 | 11.534 | No | 31.79411 | -0.1 | 11.534 |
| 10330 | GLOBAL | Cartesian | 31.79411 | -0.2 | 11.534 | No | 31.79411 | -0.2 | 11.534 |
| 10331 | GLOBAL | Cartesian | 31.97982 | -0.1 | 11.51569 | No | 31.97982 | -0.1 | 11.51569 |
| 10332 | GLOBAL | Cartesian | 31.97982 | -0.2 | 11.51569 | No | 31.97982 | -0.2 | 11.51569 |
| 10333 | GLOBAL | Cartesian | 32.16554 | -0.1 | 11.49738 | No | 32.16554 | -0.1 | 11.49738 |
| 10334 | GLOBAL | Cartesian | 32.16554 | -0.2 | 11.49738 | No | 32.16554 | -0.2 | 11.49738 |
| 10335 | GLOBAL | Cartesian | 32.35125 | -0.1 | 11.47908 | No | 32.35125 | -0.1 | 11.47908 |
| 10336 | GLOBAL | Cartesian | 32.35125 | -0.2 | 11.47908 | No | 32.35125 | -0.2 | 11.47908 |
| 10337 | GLOBAL | Cartesian | 32.53696 | -0.1 | 11.46077 | No | 32.53696 | -0.1 | 11.46077 |
| 10338 | GLOBAL | Cartesian | 32.53696 | -0.2 | 11.46077 | No | 32.53696 | -0.2 | 11.46077 |
| 10339 | GLOBAL | Cartesian | 32.62982 | -0.1 | 11.45161 | No | 32.62982 | -0.1 | 11.45161 |
| 10340 | GLOBAL | Cartesian | 32.62982 | -0.2 | 11.45161 | No | 32.62982 | -0.2 | 11.45161 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 10341 | GLOBAL | Cartesian | 32.67625 | -0.1 | 11.44704 | No | 32.67625 | -0.1 | 11.44704 |
| 10342 | GLOBAL | Cartesian | 32.67625 | -0.2 | 11.44704 | No | 32.67625 | -0.2 | 11.44704 |
| 10343 | GLOBAL | Cartesian | 32.72268 | -0.1 | 11.44246 | No | 32.72268 | -0.1 | 11.44246 |
| 10344 | GLOBAL | Cartesian | 32.72268 | -0.2 | 11.44246 | No | 32.72268 | -0.2 | 11.44246 |
| 10345 | GLOBAL | Cartesian | 32.82268 | -0.1 | 11.4326 | No | 32.82268 | -0.1 | 11.4326 |
| 10346 | GLOBAL | Cartesian | 32.82268 | -0.2 | 11.4326 | No | 32.82268 | -0.2 | 11.4326 |
| 10347 | GLOBAL | Cartesian | 32.92268 | -0.1 | 11.42274 | No | 32.92268 | -0.1 | 11.42274 |
| 10348 | GLOBAL | Cartesian | 32.92268 | -0.2 | 11.42274 | No | 32.92268 | -0.2 | 11.42274 |
| 10349 | GLOBAL | Cartesian | 33.02268 | -0.1 | 11.41288 | No | 33.02268 | -0.1 | 11.41288 |
| 10350 | GLOBAL | Cartesian | 33.02268 | -0.2 | 11.41288 | No | 33.02268 | -0.2 | 11.41288 |
| 10351 | GLOBAL | Cartesian | 33.12268 | -0.1 | 11.40303 | No | 33.12268 | -0.1 | 11.40303 |
| 10352 | GLOBAL | Cartesian | 33.12268 | -0.2 | 11.40303 | No | 33.12268 | -0.2 | 11.40303 |
| 10353 | GLOBAL | Cartesian | 33.30839 | -0.1 | 11.38472 | No | 33.30839 | -0.1 | 11.38472 |
| 10354 | GLOBAL | Cartesian | 33.30839 | -0.2 | 11.38472 | No | 33.30839 | -0.2 | 11.38472 |
| 10355 | GLOBAL | Cartesian | 33.49411 | -0.1 | 11.36641 | No | 33.49411 | -0.1 | 11.36641 |
| 10356 | GLOBAL | Cartesian | 33.49411 | -0.2 | 11.36641 | No | 33.49411 | -0.2 | 11.36641 |
| 10357 | GLOBAL | Cartesian | 33.67982 | -0.1 | 11.3481 | No | 33.67982 | -0.1 | 11.3481 |
| 10358 | GLOBAL | Cartesian | 33.67982 | -0.2 | 11.3481 | No | 33.67982 | -0.2 | 11.3481 |
| 10359 | GLOBAL | Cartesian | 33.86554 | -0.1 | 11.32979 | No | 33.86554 | -0.1 | 11.32979 |
| 10360 | GLOBAL | Cartesian | 33.86554 | -0.2 | 11.32979 | No | 33.86554 | -0.2 | 11.32979 |
| 10361 | GLOBAL | Cartesian | 34.05125 | -0.1 | 11.31149 | No | 34.05125 | -0.1 | 11.31149 |
| 10362 | GLOBAL | Cartesian | 34.05125 | -0.2 | 11.31149 | No | 34.05125 | -0.2 | 11.31149 |
| 10363 | GLOBAL | Cartesian | 34.23696 | -0.1 | 11.29318 | No | 34.23696 | -0.1 | 11.29318 |
| 10364 | GLOBAL | Cartesian | 34.23696 | -0.2 | 11.29318 | No | 34.23696 | -0.2 | 11.29318 |
| 10365 | GLOBAL | Cartesian | 34.42268 | -0.1 | 11.27487 | No | 34.42268 | -0.1 | 11.27487 |
| 10366 | GLOBAL | Cartesian | 34.42268 | -0.2 | 11.27487 | No | 34.42268 | -0.2 | 11.27487 |
| 10367 | GLOBAL | Cartesian | 34.60839 | -0.1 | 11.25656 | No | 34.60839 | -0.1 | 11.25656 |
| 10368 | GLOBAL | Cartesian | 34.60839 | -0.2 | 11.25656 | No | 34.60839 | -0.2 | 11.25656 |
| 10369 | GLOBAL | Cartesian | 34.79411 | -0.1 | 11.23825 | No | 34.79411 | -0.1 | 11.23825 |
| 10370 | GLOBAL | Cartesian | 34.79411 | -0.2 | 11.23825 | No | 34.79411 | -0.2 | 11.23825 |
| 10371 | GLOBAL | Cartesian | 34.97982 | -0.1 | 11.21995 | No | 34.97982 | -0.1 | 11.21995 |
| 10372 | GLOBAL | Cartesian | 34.97982 | -0.2 | 11.21995 | No | 34.97982 | -0.2 | 11.21995 |
| 10373 | GLOBAL | Cartesian | 35.16554 | -0.1 | 11.20164 | No | 35.16554 | -0.1 | 11.20164 |
| 10374 | GLOBAL | Cartesian | 35.16554 | -0.2 | 11.20164 | No | 35.16554 | -0.2 | 11.20164 |
| 10375 | GLOBAL | Cartesian | 35.35125 | -0.1 | 11.18333 | No | 35.35125 | -0.1 | 11.18333 |
| 10376 | GLOBAL | Cartesian | 35.35125 | -0.2 | 11.18333 | No | 35.35125 | -0.2 | 11.18333 |
| 10377 | GLOBAL | Cartesian | 35.53696 | -0.1 | 11.16502 | No | 35.53696 | -0.1 | 11.16502 |
| 10378 | GLOBAL | Cartesian | 35.53696 | -0.2 | 11.16502 | No | 35.53696 | -0.2 | 11.16502 |
| 10379 | GLOBAL | Cartesian | 35.62982 | -0.1 | 11.15587 | No | 35.62982 | -0.1 | 11.15587 |
| 10380 | GLOBAL | Cartesian | 35.62982 | -0.2 | 11.15587 | No | 35.62982 | -0.2 | 11.15587 |
| 10381 | GLOBAL | Cartesian | 35.72268 | -0.1 | 11.14671 | No | 35.72268 | -0.1 | 11.14671 |
| 10382 | GLOBAL | Cartesian | 35.72268 | -0.2 | 11.14671 | No | 35.72268 | -0.2 | 11.14671 |
| 10383 | GLOBAL | Cartesian | 35.82268 | -0.1 | 11.13685 | No | 35.82268 | -0.1 | 11.13685 |
| 10384 | GLOBAL | Cartesian | 35.82268 | -0.2 | 11.13685 | No | 35.82268 | -0.2 | 11.13685 |
| 10385 | GLOBAL | Cartesian | 35.92268 | -0.1 | 11.127 | No | 35.92268 | -0.1 | 11.127 |
| 10386 | GLOBAL | Cartesian | 35.92268 | -0.2 | 11.127 | No | 35.92268 | -0.2 | 11.127 |
| 10387 | GLOBAL | Cartesian | 36.02268 | -0.1 | 11.11714 | No | 36.02268 | -0.1 | 11.11714 |
| 10388 | GLOBAL | Cartesian | 36.02268 | -0.2 | 11.11714 | No | 36.02268 | -0.2 | 11.11714 |
| 10389 | GLOBAL | Cartesian | 36.12268 | -0.1 | 11.10728 | No | 36.12268 | -0.1 | 11.10728 |
| 10390 | GLOBAL | Cartesian | 36.12268 | -0.2 | 11.10728 | No | 36.12268 | -0.2 | 11.10728 |
| 10391 | GLOBAL | Cartesian | 36.30839 | -0.1 | 11.08897 | No | 36.30839 | -0.1 | 11.08897 |
| 10392 | GLOBAL | Cartesian | 36.30839 | -0.2 | 11.08897 | No | 36.30839 | -0.2 | 11.08897 |
| 10393 | GLOBAL | Cartesian | 36.49411 | -0.1 | 11.07066 | No | 36.49411 | -0.1 | 11.07066 |
| 10394 | GLOBAL | Cartesian | 36.49411 | -0.2 | 11.07066 | No | 36.49411 | -0.2 | 11.07066 |
| 10395 | GLOBAL | Cartesian | 36.67982 | -0.1 | 11.05236 | No | 36.67982 | -0.1 | 11.05236 |
| 10396 | GLOBAL | Cartesian | 36.67982 | -0.2 | 11.05236 | No | 36.67982 | -0.2 | 11.05236 |
| 10397 | GLOBAL | Cartesian | 36.86554 | -0.1 | 11.03405 | No | 36.86554 | -0.1 | 11.03405 |
| 10398 | GLOBAL | Cartesian | 36.86554 | -0.2 | 11.03405 | No | 36.86554 | -0.2 | 11.03405 |
| 10399 | GLOBAL | Cartesian | 37.05125 | -0.1 | 11.01574 | No | 37.05125 | -0.1 | 11.01574 |
| 10400 | GLOBAL | Cartesian | 37.05125 | -0.2 | 11.01574 | No | 37.05125 | -0.2 | 11.01574 |
| 10401 | GLOBAL | Cartesian | 37.23696 | -0.1 | 10.99743 | No | 37.23696 | -0.1 | 10.99743 |
| 10402 | GLOBAL | Cartesian | 37.23696 | -0.2 | 10.99743 | No | 37.23696 | -0.2 | 10.99743 |
| 10403 | GLOBAL | Cartesian | 37.42268 | -0.1 | 10.97912 | No | 37.42268 | -0.1 | 10.97912 |
| 10404 | GLOBAL | Cartesian | 37.42268 | -0.2 | 10.97912 | No | 37.42268 | -0.2 | 10.97912 |
| 10405 | GLOBAL | Cartesian | 37.60839 | -0.1 | 10.96082 | No | 37.60839 | -0.1 | 10.96082 |
| 10406 | GLOBAL | Cartesian | 37.60839 | -0.2 | 10.96082 | No | 37.60839 | -0.2 | 10.96082 |
| 10407 | GLOBAL | Cartesian | 37.79411 | -0.1 | 10.94251 | No | 37.79411 | -0.1 | 10.94251 |
| 10408 | GLOBAL | Cartesian | 37.79411 | -0.2 | 10.94251 | No | 37.79411 | -0.2 | 10.94251 |
| 10409 | GLOBAL | Cartesian | 37.97982 | -0.1 | 10.9242 | No | 37.97982 | -0.1 | 10.9242 |
| 10410 | GLOBAL | Cartesian | 37.97982 | -0.2 | 10.9242 | No | 37.97982 | -0.2 | 10.9242 |
| 10411 | GLOBAL | Cartesian | 38.16554 | -0.1 | 10.90589 | No | 38.16554 | -0.1 | 10.90589 |
| 10412 | GLOBAL | Cartesian | 38.16554 | -0.2 | 10.90589 | No | 38.16554 | -0.2 | 10.90589 |
| 10413 | GLOBAL | Cartesian | 38.35125 | -0.1 | 10.88758 | No | 38.35125 | -0.1 | 10.88758 |
| 10414 | GLOBAL | Cartesian | 38.35125 | -0.2 | 10.88758 | No | 38.35125 | -0.2 | 10.88758 |
| 10415 | GLOBAL | Cartesian | 38.53696 | -0.1 | 10.86927 | No | 38.53696 | -0.1 | 10.86927 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 10416 | GLOBAL | Cartesian | 38.53696 | -0.2 | 10.86927 | No | 38.53696 | -0.2 | 10.86927 |
| 10417 | GLOBAL | Cartesian | 38.62982 | -0.1 | 10.86012 | No | 38.62982 | -0.1 | 10.86012 |
| 10418 | GLOBAL | Cartesian | 38.62982 | -0.2 | 10.86012 | No | 38.62982 | -0.2 | 10.86012 |
| 10419 | GLOBAL | Cartesian | 38.72268 | -0.1 | 10.85097 | No | 38.72268 | -0.1 | 10.85097 |
| 10420 | GLOBAL | Cartesian | 38.72268 | -0.2 | 10.85097 | No | 38.72268 | -0.2 | 10.85097 |
| 10421 | GLOBAL | Cartesian | 38.82268 | -0.1 | 10.84111 | No | 38.82268 | -0.1 | 10.84111 |
| 10422 | GLOBAL | Cartesian | 38.82268 | -0.2 | 10.84111 | No | 38.82268 | -0.2 | 10.84111 |
| 10423 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.83125 | No | 38.92268 | -0.1 | 10.83125 |
| 10424 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.83125 | No | 38.92268 | -0.2 | 10.83125 |
| 10425 | GLOBAL | Cartesian | 39.02323 | -0.1 | 10.82134 | No | 39.02323 | -0.1 | 10.82134 |
| 10426 | GLOBAL | Cartesian | 39.02323 | -0.2 | 10.82134 | No | 39.02323 | -0.2 | 10.82134 |
| 10427 | GLOBAL | Cartesian | 39.12377 | -0.1 | 10.81143 | No | 39.12377 | -0.1 | 10.81143 |
| 10428 | GLOBAL | Cartesian | 39.12377 | -0.2 | 10.81143 | No | 39.12377 | -0.2 | 10.81143 |
| 10429 | GLOBAL | Cartesian | 39.30939 | -0.1 | 10.79313 | No | 39.30939 | -0.1 | 10.79313 |
| 10430 | GLOBAL | Cartesian | 39.30939 | -0.2 | 10.79313 | No | 39.30939 | -0.2 | 10.79313 |
| 10431 | GLOBAL | Cartesian | 39.49502 | -0.1 | 10.77483 | No | 39.49502 | -0.1 | 10.77483 |
| 10432 | GLOBAL | Cartesian | 39.49502 | -0.2 | 10.77483 | No | 39.49502 | -0.2 | 10.77483 |
| 10433 | GLOBAL | Cartesian | 39.68064 | -0.1 | 10.75653 | No | 39.68064 | -0.1 | 10.75653 |
| 10434 | GLOBAL | Cartesian | 39.68064 | -0.2 | 10.75653 | No | 39.68064 | -0.2 | 10.75653 |
| 10435 | GLOBAL | Cartesian | 39.86626 | -0.1 | 10.73823 | No | 39.86626 | -0.1 | 10.73823 |
| 10436 | GLOBAL | Cartesian | 39.86626 | -0.2 | 10.73823 | No | 39.86626 | -0.2 | 10.73823 |
| 10437 | GLOBAL | Cartesian | 40.05188 | -0.1 | 10.71993 | No | 40.05188 | -0.1 | 10.71993 |
| 10438 | GLOBAL | Cartesian | 40.05188 | -0.2 | 10.71993 | No | 40.05188 | -0.2 | 10.71993 |
| 10439 | GLOBAL | Cartesian | 40.2375 | -0.1 | 10.70163 | No | 40.2375 | -0.1 | 10.70163 |
| 10440 | GLOBAL | Cartesian | 40.2375 | -0.2 | 10.70163 | No | 40.2375 | -0.2 | 10.70163 |
| 10441 | GLOBAL | Cartesian | 40.42312 | -0.1 | 10.68333 | No | 40.42312 | -0.1 | 10.68333 |
| 10442 | GLOBAL | Cartesian | 40.42312 | -0.2 | 10.68333 | No | 40.42312 | -0.2 | 10.68333 |
| 10443 | GLOBAL | Cartesian | 40.60874 | -0.1 | 10.66503 | No | 40.60874 | -0.1 | 10.66503 |
| 10444 | GLOBAL | Cartesian | 40.60874 | -0.2 | 10.66503 | No | 40.60874 | -0.2 | 10.66503 |
| 10445 | GLOBAL | Cartesian | 40.79437 | -0.1 | 10.64674 | No | 40.79437 | -0.1 | 10.64674 |
| 10446 | GLOBAL | Cartesian | 40.79437 | -0.2 | 10.64674 | No | 40.79437 | -0.2 | 10.64674 |
| 10447 | GLOBAL | Cartesian | 40.97999 | -0.1 | 10.62844 | No | 40.97999 | -0.1 | 10.62844 |
| 10448 | GLOBAL | Cartesian | 40.97999 | -0.2 | 10.62844 | No | 40.97999 | -0.2 | 10.62844 |
| 10449 | GLOBAL | Cartesian | 41.16561 | -0.1 | 10.61014 | No | 41.16561 | -0.1 | 10.61014 |
| 10450 | GLOBAL | Cartesian | 41.16561 | -0.2 | 10.61014 | No | 41.16561 | -0.2 | 10.61014 |
| 10451 | GLOBAL | Cartesian | 41.35123 | -0.1 | 10.59184 | No | 41.35123 | -0.1 | 10.59184 |
| 10452 | GLOBAL | Cartesian | 41.35123 | -0.2 | 10.59184 | No | 41.35123 | -0.2 | 10.59184 |
| 10453 | GLOBAL | Cartesian | 41.53685 | -0.1 | 10.57354 | No | 41.53685 | -0.1 | 10.57354 |
| 10454 | GLOBAL | Cartesian | 41.53685 | -0.2 | 10.57354 | No | 41.53685 | -0.2 | 10.57354 |
| 10455 | GLOBAL | Cartesian | 41.72247 | -0.1 | 10.55524 | No | 41.72247 | -0.1 | 10.55524 |
| 10456 | GLOBAL | Cartesian | 41.72247 | -0.2 | 10.55524 | No | 41.72247 | -0.2 | 10.55524 |
| 10457 | GLOBAL | Cartesian | 41.82258 | -0.1 | 10.54537 | No | 41.82258 | -0.1 | 10.54537 |
| 10458 | GLOBAL | Cartesian | 41.82258 | -0.2 | 10.54537 | No | 41.82258 | -0.2 | 10.54537 |
| 10459 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.5355 | No | 41.92268 | -0.1 | 10.5355 |
| 10460 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.5355 | No | 41.92268 | -0.2 | 10.5355 |
| 10461 | GLOBAL | Cartesian | 42.02285 | -0.1 | 10.52563 | No | 42.02285 | -0.1 | 10.52563 |
| 10462 | GLOBAL | Cartesian | 42.02285 | -0.2 | 10.52563 | No | 42.02285 | -0.2 | 10.52563 |
| 10463 | GLOBAL | Cartesian | 42.12302 | -0.1 | 10.51575 | No | 42.12302 | -0.1 | 10.51575 |
| 10464 | GLOBAL | Cartesian | 42.12302 | -0.2 | 10.51575 | No | 42.12302 | -0.2 | 10.51575 |
| 10465 | GLOBAL | Cartesian | 42.30869 | -0.1 | 10.49745 | No | 42.30869 | -0.1 | 10.49745 |
| 10466 | GLOBAL | Cartesian | 42.30869 | -0.2 | 10.49745 | No | 42.30869 | -0.2 | 10.49745 |
| 10467 | GLOBAL | Cartesian | 42.49437 | -0.1 | 10.47915 | No | 42.49437 | -0.1 | 10.47915 |
| 10468 | GLOBAL | Cartesian | 42.49437 | -0.2 | 10.47915 | No | 42.49437 | -0.2 | 10.47915 |
| 10469 | GLOBAL | Cartesian | 42.68004 | -0.1 | 10.46084 | No | 42.68004 | -0.1 | 10.46084 |
| 10470 | GLOBAL | Cartesian | 42.68004 | -0.2 | 10.46084 | No | 42.68004 | -0.2 | 10.46084 |
| 10471 | GLOBAL | Cartesian | 42.86572 | -0.1 | 10.44254 | No | 42.86572 | -0.1 | 10.44254 |
| 10472 | GLOBAL | Cartesian | 42.86572 | -0.2 | 10.44254 | No | 42.86572 | -0.2 | 10.44254 |
| 10473 | GLOBAL | Cartesian | 43.0514 | -0.1 | 10.42423 | No | 43.0514 | -0.1 | 10.42423 |
| 10474 | GLOBAL | Cartesian | 43.0514 | -0.2 | 10.42423 | No | 43.0514 | -0.2 | 10.42423 |
| 10475 | GLOBAL | Cartesian | 43.23707 | -0.1 | 10.40593 | No | 43.23707 | -0.1 | 10.40593 |
| 10476 | GLOBAL | Cartesian | 43.23707 | -0.2 | 10.40593 | No | 43.23707 | -0.2 | 10.40593 |
| 10477 | GLOBAL | Cartesian | 43.42275 | -0.1 | 10.38762 | No | 43.42275 | -0.1 | 10.38762 |
| 10478 | GLOBAL | Cartesian | 43.42275 | -0.2 | 10.38762 | No | 43.42275 | -0.2 | 10.38762 |
| 10479 | GLOBAL | Cartesian | 43.60842 | -0.1 | 10.36932 | No | 43.60842 | -0.1 | 10.36932 |
| 10480 | GLOBAL | Cartesian | 43.60842 | -0.2 | 10.36932 | No | 43.60842 | -0.2 | 10.36932 |
| 10481 | GLOBAL | Cartesian | 43.7941 | -0.1 | 10.35102 | No | 43.7941 | -0.1 | 10.35102 |
| 10482 | GLOBAL | Cartesian | 43.7941 | -0.2 | 10.35102 | No | 43.7941 | -0.2 | 10.35102 |
| 10483 | GLOBAL | Cartesian | 43.97978 | -0.1 | 10.33271 | No | 43.97978 | -0.1 | 10.33271 |
| 10484 | GLOBAL | Cartesian | 43.97978 | -0.2 | 10.33271 | No | 43.97978 | -0.2 | 10.33271 |
| 10485 | GLOBAL | Cartesian | 44.16545 | -0.1 | 10.31441 | No | 44.16545 | -0.1 | 10.31441 |
| 10486 | GLOBAL | Cartesian | 44.16545 | -0.2 | 10.31441 | No | 44.16545 | -0.2 | 10.31441 |
| 10487 | GLOBAL | Cartesian | 44.35113 | -0.1 | 10.2961 | No | 44.35113 | -0.1 | 10.2961 |
| 10488 | GLOBAL | Cartesian | 44.35113 | -0.2 | 10.2961 | No | 44.35113 | -0.2 | 10.2961 |
| 10489 | GLOBAL | Cartesian | 44.44397 | -0.1 | 10.28695 | No | 44.44397 | -0.1 | 10.28695 |
| 10490 | GLOBAL | Cartesian | 44.44397 | -0.2 | 10.28695 | No | 44.44397 | -0.2 | 10.28695 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 10491 | GLOBAL | Cartesian | 44.5368 | -0.1 | 10.2778 | No | 44.5368 | -0.1 | 10.2778 |
| 10492 | GLOBAL | Cartesian | 44.5368 | -0.2 | 10.2778 | No | 44.5368 | -0.2 | 10.2778 |
| 10493 | GLOBAL | Cartesian | 44.72248 | -0.1 | 10.25949 | No | 44.72248 | -0.1 | 10.25949 |
| 10494 | GLOBAL | Cartesian | 44.72248 | -0.2 | 10.25949 | No | 44.72248 | -0.2 | 10.25949 |
| 10495 | GLOBAL | Cartesian | 44.82258 | -0.1 | 10.24963 | No | 44.82258 | -0.1 | 10.24963 |
| 10496 | GLOBAL | Cartesian | 44.82258 | -0.2 | 10.24963 | No | 44.82258 | -0.2 | 10.24963 |
| 10497 | GLOBAL | Cartesian | 44.92268 | -0.1 | 10.23976 | No | 44.92268 | -0.1 | 10.23976 |
| 10498 | GLOBAL | Cartesian | 44.92268 | -0.2 | 10.23976 | No | 44.92268 | -0.2 | 10.23976 |
| 10499 | GLOBAL | Cartesian | 45.02268 | -0.1 | 10.2299 | No | 45.02268 | -0.1 | 10.2299 |
| 10500 | GLOBAL | Cartesian | 45.02268 | -0.2 | 10.2299 | No | 45.02268 | -0.2 | 10.2299 |
| 10501 | GLOBAL | Cartesian | 45.12268 | -0.1 | 10.22004 | No | 45.12268 | -0.1 | 10.22004 |
| 10502 | GLOBAL | Cartesian | 45.12268 | -0.2 | 10.22004 | No | 45.12268 | -0.2 | 10.22004 |
| 10503 | GLOBAL | Cartesian | 45.30838 | -0.1 | 10.20173 | No | 45.30838 | -0.1 | 10.20173 |
| 10504 | GLOBAL | Cartesian | 45.30838 | -0.2 | 10.20173 | No | 45.30838 | -0.2 | 10.20173 |
| 10505 | GLOBAL | Cartesian | 45.49408 | -0.1 | 10.18343 | No | 45.49408 | -0.1 | 10.18343 |
| 10506 | GLOBAL | Cartesian | 45.49408 | -0.2 | 10.18343 | No | 45.49408 | -0.2 | 10.18343 |
| 10507 | GLOBAL | Cartesian | 45.67978 | -0.1 | 10.16512 | No | 45.67978 | -0.1 | 10.16512 |
| 10508 | GLOBAL | Cartesian | 45.67978 | -0.2 | 10.16512 | No | 45.67978 | -0.2 | 10.16512 |
| 10509 | GLOBAL | Cartesian | 45.86548 | -0.1 | 10.14681 | No | 45.86548 | -0.1 | 10.14681 |
| 10510 | GLOBAL | Cartesian | 45.86548 | -0.2 | 10.14681 | No | 45.86548 | -0.2 | 10.14681 |
| 10511 | GLOBAL | Cartesian | 46.05118 | -0.1 | 10.12851 | No | 46.05118 | -0.1 | 10.12851 |
| 10512 | GLOBAL | Cartesian | 46.05118 | -0.2 | 10.12851 | No | 46.05118 | -0.2 | 10.12851 |
| 10513 | GLOBAL | Cartesian | 46.23688 | -0.1 | 10.1102 | No | 46.23688 | -0.1 | 10.1102 |
| 10514 | GLOBAL | Cartesian | 46.23688 | -0.2 | 10.1102 | No | 46.23688 | -0.2 | 10.1102 |
| 10515 | GLOBAL | Cartesian | 46.42258 | -0.1 | 10.09189 | No | 46.42258 | -0.1 | 10.09189 |
| 10516 | GLOBAL | Cartesian | 46.42258 | -0.2 | 10.09189 | No | 46.42258 | -0.2 | 10.09189 |
| 10517 | GLOBAL | Cartesian | 46.60828 | -0.1 | 10.07359 | No | 46.60828 | -0.1 | 10.07359 |
| 10518 | GLOBAL | Cartesian | 46.60828 | -0.2 | 10.07359 | No | 46.60828 | -0.2 | 10.07359 |
| 10519 | GLOBAL | Cartesian | 46.79398 | -0.1 | 10.05528 | No | 46.79398 | -0.1 | 10.05528 |
| 10520 | GLOBAL | Cartesian | 46.79398 | -0.2 | 10.05528 | No | 46.79398 | -0.2 | 10.05528 |
| 10521 | GLOBAL | Cartesian | 46.97968 | -0.1 | 10.03697 | No | 46.97968 | -0.1 | 10.03697 |
| 10522 | GLOBAL | Cartesian | 46.97968 | -0.2 | 10.03697 | No | 46.97968 | -0.2 | 10.03697 |
| 10523 | GLOBAL | Cartesian | 47.16538 | -0.1 | 10.01867 | No | 47.16538 | -0.1 | 10.01867 |
| 10524 | GLOBAL | Cartesian | 47.16538 | -0.2 | 10.01867 | No | 47.16538 | -0.2 | 10.01867 |
| 10525 | GLOBAL | Cartesian | 47.35108 | -0.1 | 10.00036 | No | 47.35108 | -0.1 | 10.00036 |
| 10526 | GLOBAL | Cartesian | 47.35108 | -0.2 | 10.00036 | No | 47.35108 | -0.2 | 10.00036 |
| 10527 | GLOBAL | Cartesian | 47.53678 | -0.1 | 9.98205 | No | 47.53678 | -0.1 | 9.98205 |
| 10528 | GLOBAL | Cartesian | 47.53678 | -0.2 | 9.98205 | No | 47.53678 | -0.2 | 9.98205 |
| 10529 | GLOBAL | Cartesian | 47.72248 | -0.1 | 9.96375 | No | 47.72248 | -0.1 | 9.96375 |
| 10530 | GLOBAL | Cartesian | 47.72248 | -0.2 | 9.96375 | No | 47.72248 | -0.2 | 9.96375 |
| 10531 | GLOBAL | Cartesian | 47.82258 | -0.1 | 9.95388 | No | 47.82258 | -0.1 | 9.95388 |
| 10532 | GLOBAL | Cartesian | 47.82258 | -0.2 | 9.95388 | No | 47.82258 | -0.2 | 9.95388 |
| 10533 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.94401 | No | 47.92268 | -0.1 | 9.94401 |
| 10534 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.94401 | No | 47.92268 | -0.2 | 9.94401 |
| 10535 | GLOBAL | Cartesian | 48.11018 | -0.1 | 9.92553 | No | 48.11018 | -0.1 | 9.92553 |
| 10536 | GLOBAL | Cartesian | 48.11018 | -0.2 | 9.92553 | No | 48.11018 | -0.2 | 9.92553 |
| 10537 | GLOBAL | Cartesian | 48.29768 | -0.1 | 9.90704 | No | 48.29768 | -0.1 | 9.90704 |
| 10538 | GLOBAL | Cartesian | 48.29768 | -0.2 | 9.90704 | No | 48.29768 | -0.2 | 9.90704 |
| 10539 | GLOBAL | Cartesian | 48.48518 | -0.1 | 9.88856 | No | 48.48518 | -0.1 | 9.88856 |
| 10540 | GLOBAL | Cartesian | 48.48518 | -0.2 | 9.88856 | No | 48.48518 | -0.2 | 9.88856 |
| 10541 | GLOBAL | Cartesian | 48.67268 | -0.1 | 9.87007 | No | 48.67268 | -0.1 | 9.87007 |
| 10542 | GLOBAL | Cartesian | 48.67268 | -0.2 | 9.87007 | No | 48.67268 | -0.2 | 9.87007 |
| 10543 | GLOBAL | Cartesian | 48.86018 | -0.1 | 9.85159 | No | 48.86018 | -0.1 | 9.85159 |
| 10544 | GLOBAL | Cartesian | 48.86018 | -0.2 | 9.85159 | No | 48.86018 | -0.2 | 9.85159 |
| 10545 | GLOBAL | Cartesian | 49.04768 | -0.1 | 9.83311 | No | 49.04768 | -0.1 | 9.83311 |
| 10546 | GLOBAL | Cartesian | 49.04768 | -0.2 | 9.83311 | No | 49.04768 | -0.2 | 9.83311 |
| 10547 | GLOBAL | Cartesian | 49.23518 | -0.1 | 9.81462 | No | 49.23518 | -0.1 | 9.81462 |
| 10548 | GLOBAL | Cartesian | 49.23518 | -0.2 | 9.81462 | No | 49.23518 | -0.2 | 9.81462 |
| 10549 | GLOBAL | Cartesian | 49.42268 | -0.1 | 9.79614 | No | 49.42268 | -0.1 | 9.79614 |
| 10550 | GLOBAL | Cartesian | 49.42268 | -0.2 | 9.79614 | No | 49.42268 | -0.2 | 9.79614 |
| 10551 | GLOBAL | Cartesian | 49.61018 | -0.1 | 9.77765 | No | 49.61018 | -0.1 | 9.77765 |
| 10552 | GLOBAL | Cartesian | 49.61018 | -0.2 | 9.77765 | No | 49.61018 | -0.2 | 9.77765 |
| 10553 | GLOBAL | Cartesian | 49.79768 | -0.1 | 9.75917 | No | 49.79768 | -0.1 | 9.75917 |
| 10554 | GLOBAL | Cartesian | 49.79768 | -0.2 | 9.75917 | No | 49.79768 | -0.2 | 9.75917 |
| 10555 | GLOBAL | Cartesian | 49.98518 | -0.1 | 9.74069 | No | 49.98518 | -0.1 | 9.74069 |
| 10556 | GLOBAL | Cartesian | 49.98518 | -0.2 | 9.74069 | No | 49.98518 | -0.2 | 9.74069 |
| 10557 | GLOBAL | Cartesian | 50.17268 | -0.1 | 9.7222 | No | 50.17268 | -0.1 | 9.7222 |
| 10558 | GLOBAL | Cartesian | 50.17268 | -0.2 | 9.7222 | No | 50.17268 | -0.2 | 9.7222 |
| 10559 | GLOBAL | Cartesian | 50.36018 | -0.1 | 9.70372 | No | 50.36018 | -0.1 | 9.70372 |
| 10560 | GLOBAL | Cartesian | 50.36018 | -0.2 | 9.70372 | No | 50.36018 | -0.2 | 9.70372 |
| 10561 | GLOBAL | Cartesian | 50.54768 | -0.1 | 9.68523 | No | 50.54768 | -0.1 | 9.68523 |
| 10562 | GLOBAL | Cartesian | 50.54768 | -0.2 | 9.68523 | No | 50.54768 | -0.2 | 9.68523 |
| 10563 | GLOBAL | Cartesian | 50.73518 | -0.1 | 9.66675 | No | 50.73518 | -0.1 | 9.66675 |
| 10564 | GLOBAL | Cartesian | 50.73518 | -0.2 | 9.66675 | No | 50.73518 | -0.2 | 9.66675 |
| 10565 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.64826 | No | 50.92268 | -0.1 | 9.64826 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 10566 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.64826 | No | 50.92268 | -0.2 | 9.64826 |
| 10567 | GLOBAL | Cartesian | 51.11018 | -0.1 | 9.62978 | No | 51.11018 | -0.1 | 9.62978 |
| 10568 | GLOBAL | Cartesian | 51.11018 | -0.2 | 9.62978 | No | 51.11018 | -0.2 | 9.62978 |
| 10569 | GLOBAL | Cartesian | 51.29768 | -0.1 | 9.6113 | No | 51.29768 | -0.1 | 9.6113 |
| 10570 | GLOBAL | Cartesian | 51.29768 | -0.2 | 9.6113 | No | 51.29768 | -0.2 | 9.6113 |
| 10571 | GLOBAL | Cartesian | 51.48518 | -0.1 | 9.59281 | No | 51.48518 | -0.1 | 9.59281 |
| 10572 | GLOBAL | Cartesian | 51.48518 | -0.2 | 9.59281 | No | 51.48518 | -0.2 | 9.59281 |
| 10573 | GLOBAL | Cartesian | 51.67268 | -0.1 | 9.57433 | No | 51.67268 | -0.1 | 9.57433 |
| 10574 | GLOBAL | Cartesian | 51.67268 | -0.2 | 9.57433 | No | 51.67268 | -0.2 | 9.57433 |
| 10575 | GLOBAL | Cartesian | 51.86018 | -0.1 | 9.55584 | No | 51.86018 | -0.1 | 9.55584 |
| 10576 | GLOBAL | Cartesian | 51.86018 | -0.2 | 9.55584 | No | 51.86018 | -0.2 | 9.55584 |
| 10577 | GLOBAL | Cartesian | 52.04768 | -0.1 | 9.53736 | No | 52.04768 | -0.1 | 9.53736 |
| 10578 | GLOBAL | Cartesian | 52.04768 | -0.2 | 9.53736 | No | 52.04768 | -0.2 | 9.53736 |
| 10579 | GLOBAL | Cartesian | 52.23518 | -0.1 | 9.51888 | No | 52.23518 | -0.1 | 9.51888 |
| 10580 | GLOBAL | Cartesian | 52.23518 | -0.2 | 9.51888 | No | 52.23518 | -0.2 | 9.51888 |
| 10581 | GLOBAL | Cartesian | 52.42268 | -0.1 | 9.50039 | No | 52.42268 | -0.1 | 9.50039 |
| 10582 | GLOBAL | Cartesian | 52.42268 | -0.2 | 9.50039 | No | 52.42268 | -0.2 | 9.50039 |
| 10583 | GLOBAL | Cartesian | 52.61018 | -0.1 | 9.48191 | No | 52.61018 | -0.1 | 9.48191 |
| 10584 | GLOBAL | Cartesian | 52.61018 | -0.2 | 9.48191 | No | 52.61018 | -0.2 | 9.48191 |
| 10585 | GLOBAL | Cartesian | 52.79768 | -0.1 | 9.46342 | No | 52.79768 | -0.1 | 9.46342 |
| 10586 | GLOBAL | Cartesian | 52.79768 | -0.2 | 9.46342 | No | 52.79768 | -0.2 | 9.46342 |
| 10587 | GLOBAL | Cartesian | 52.98518 | -0.1 | 9.44494 | No | 52.98518 | -0.1 | 9.44494 |
| 10588 | GLOBAL | Cartesian | 52.98518 | -0.2 | 9.44494 | No | 52.98518 | -0.2 | 9.44494 |
| 10589 | GLOBAL | Cartesian | 53.17268 | -0.1 | 9.42645 | No | 53.17268 | -0.1 | 9.42645 |
| 10590 | GLOBAL | Cartesian | 53.17268 | -0.2 | 9.42645 | No | 53.17268 | -0.2 | 9.42645 |
| 10591 | GLOBAL | Cartesian | 53.36018 | -0.1 | 9.40797 | No | 53.36018 | -0.1 | 9.40797 |
| 10592 | GLOBAL | Cartesian | 53.36018 | -0.2 | 9.40797 | No | 53.36018 | -0.2 | 9.40797 |
| 10593 | GLOBAL | Cartesian | 53.54768 | -0.1 | 9.38949 | No | 53.54768 | -0.1 | 9.38949 |
| 10594 | GLOBAL | Cartesian | 53.54768 | -0.2 | 9.38949 | No | 53.54768 | -0.2 | 9.38949 |
| 10595 | GLOBAL | Cartesian | 53.73518 | -0.1 | 9.371 | No | 53.73518 | -0.1 | 9.371 |
| 10596 | GLOBAL | Cartesian | 53.73518 | -0.2 | 9.371 | No | 53.73518 | -0.2 | 9.371 |
| 10597 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.35252 | No | 53.92268 | -0.1 | 9.35252 |
| 10598 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.35252 | No | 53.92268 | -0.2 | 9.35252 |
| 11247 | GLOBAL | Cartesian | 31.60556 | -0.1 | 8.28784 | No | 31.60556 | -0.1 | 8.28784 |
| 11248 | GLOBAL | Cartesian | 31.42268 | -0.1 | 8.28784 | No | 31.42268 | -0.1 | 8.28784 |
| 11249 | GLOBAL | Cartesian | 31.60556 | -0.2 | 8.28784 | No | 31.60556 | -0.2 | 8.28784 |
| 11250 | GLOBAL | Cartesian | 31.42268 | -0.2 | 8.28784 | No | 31.42268 | -0.2 | 8.28784 |
| 11251 | GLOBAL | Cartesian | 31.78843 | -0.1 | 8.28784 | No | 31.78843 | -0.1 | 8.28784 |
| 11252 | GLOBAL | Cartesian | 31.78843 | -0.2 | 8.28784 | No | 31.78843 | -0.2 | 8.28784 |
| 11253 | GLOBAL | Cartesian | 31.97131 | -0.1 | 8.28784 | No | 31.97131 | -0.1 | 8.28784 |
| 11254 | GLOBAL | Cartesian | 31.97131 | -0.2 | 8.28784 | No | 31.97131 | -0.2 | 8.28784 |
| 11255 | GLOBAL | Cartesian | 32.15419 | -0.1 | 8.28784 | No | 32.15419 | -0.1 | 8.28784 |
| 11256 | GLOBAL | Cartesian | 32.15419 | -0.2 | 8.28784 | No | 32.15419 | -0.2 | 8.28784 |
| 11257 | GLOBAL | Cartesian | 32.34368 | -0.1 | 8.28784 | No | 32.34368 | -0.1 | 8.28784 |
| 11258 | GLOBAL | Cartesian | 32.34368 | -0.2 | 8.28784 | No | 32.34368 | -0.2 | 8.28784 |
| 11259 | GLOBAL | Cartesian | 32.53318 | -0.1 | 8.28784 | No | 32.53318 | -0.1 | 8.28784 |
| 11260 | GLOBAL | Cartesian | 32.53318 | -0.2 | 8.28784 | No | 32.53318 | -0.2 | 8.28784 |
| 11261 | GLOBAL | Cartesian | 32.72268 | -0.1 | 8.28784 | No | 32.72268 | -0.1 | 8.28784 |
| 11262 | GLOBAL | Cartesian | 32.72268 | -0.2 | 8.28784 | No | 32.72268 | -0.2 | 8.28784 |
| 11263 | GLOBAL | Cartesian | 32.82268 | -0.1 | 8.28784 | No | 32.82268 | -0.1 | 8.28784 |
| 11264 | GLOBAL | Cartesian | 32.82268 | -0.2 | 8.28784 | No | 32.82268 | -0.2 | 8.28784 |
| 11265 | GLOBAL | Cartesian | 32.92268 | -0.1 | 8.28784 | No | 32.92268 | -0.1 | 8.28784 |
| 11266 | GLOBAL | Cartesian | 32.92268 | -0.2 | 8.28784 | No | 32.92268 | -0.2 | 8.28784 |
| 11267 | GLOBAL | Cartesian | 33.02268 | -0.1 | 8.28697 | No | 33.02268 | -0.1 | 8.28697 |
| 11268 | GLOBAL | Cartesian | 33.02268 | -0.2 | 8.28697 | No | 33.02268 | -0.2 | 8.28697 |
| 11269 | GLOBAL | Cartesian | 33.12268 | -0.1 | 8.2861 | No | 33.12268 | -0.1 | 8.2861 |
| 11270 | GLOBAL | Cartesian | 33.12268 | -0.2 | 8.2861 | No | 33.12268 | -0.2 | 8.2861 |
| 11271 | GLOBAL | Cartesian | 33.27718 | -0.1 | 8.28464 | No | 33.27718 | -0.1 | 8.28464 |
| 11272 | GLOBAL | Cartesian | 33.27718 | -0.2 | 8.28464 | No | 33.27718 | -0.2 | 8.28464 |
| 11273 | GLOBAL | Cartesian | 33.43168 | -0.1 | 8.28317 | No | 33.43168 | -0.1 | 8.28317 |
| 11274 | GLOBAL | Cartesian | 33.43168 | -0.2 | 8.28317 | No | 33.43168 | -0.2 | 8.28317 |
| 11275 | GLOBAL | Cartesian | 33.58618 | -0.1 | 8.28171 | No | 33.58618 | -0.1 | 8.28171 |
| 11276 | GLOBAL | Cartesian | 33.58618 | -0.2 | 8.28171 | No | 33.58618 | -0.2 | 8.28171 |
| 11277 | GLOBAL | Cartesian | 33.74068 | -0.1 | 8.28025 | No | 33.74068 | -0.1 | 8.28025 |
| 11278 | GLOBAL | Cartesian | 33.74068 | -0.2 | 8.28025 | No | 33.74068 | -0.2 | 8.28025 |
| 11279 | GLOBAL | Cartesian | 33.93889 | -0.1 | 8.27837 | No | 33.93889 | -0.1 | 8.27837 |
| 11280 | GLOBAL | Cartesian | 33.93889 | -0.2 | 8.27837 | No | 33.93889 | -0.2 | 8.27837 |
| 11281 | GLOBAL | Cartesian | 34.13709 | -0.1 | 8.27649 | No | 34.13709 | -0.1 | 8.27649 |
| 11282 | GLOBAL | Cartesian | 34.13709 | -0.2 | 8.27649 | No | 34.13709 | -0.2 | 8.27649 |
| 11283 | GLOBAL | Cartesian | 34.33529 | -0.1 | 8.27462 | No | 34.33529 | -0.1 | 8.27462 |
| 11284 | GLOBAL | Cartesian | 34.33529 | -0.2 | 8.27462 | No | 34.33529 | -0.2 | 8.27462 |
| 11285 | GLOBAL | Cartesian | 34.53349 | -0.1 | 8.27274 | No | 34.53349 | -0.1 | 8.27274 |
| 11286 | GLOBAL | Cartesian | 34.53349 | -0.2 | 8.27274 | No | 34.53349 | -0.2 | 8.27274 |
| 11287 | GLOBAL | Cartesian | 34.73169 | -0.1 | 8.27086 | No | 34.73169 | -0.1 | 8.27086 |
| 11288 | GLOBAL | Cartesian | 34.73169 | -0.2 | 8.27086 | No | 34.73169 | -0.2 | 8.27086 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 11289 | GLOBAL | Cartesian | 34.92989 | -0.1 | 8.26898 | No | 34.92989 | -0.1 | 8.26898 |
| 11290 | GLOBAL | Cartesian | 34.92989 | -0.2 | 8.26898 | No | 34.92989 | -0.2 | 8.26898 |
| 11291 | GLOBAL | Cartesian | 35.12809 | -0.1 | 8.26711 | No | 35.12809 | -0.1 | 8.26711 |
| 11292 | GLOBAL | Cartesian | 35.12809 | -0.2 | 8.26711 | No | 35.12809 | -0.2 | 8.26711 |
| 11293 | GLOBAL | Cartesian | 35.32629 | -0.1 | 8.26523 | No | 35.32629 | -0.1 | 8.26523 |
| 11294 | GLOBAL | Cartesian | 35.32629 | -0.2 | 8.26523 | No | 35.32629 | -0.2 | 8.26523 |
| 11295 | GLOBAL | Cartesian | 35.5245 | -0.1 | 8.26335 | No | 35.5245 | -0.1 | 8.26335 |
| 11296 | GLOBAL | Cartesian | 35.5245 | -0.2 | 8.26335 | No | 35.5245 | -0.2 | 8.26335 |
| 11297 | GLOBAL | Cartesian | 35.7227 | -0.1 | 8.26147 | No | 35.7227 | -0.1 | 8.26147 |
| 11298 | GLOBAL | Cartesian | 35.7227 | -0.2 | 8.26147 | No | 35.7227 | -0.2 | 8.26147 |
| 11299 | GLOBAL | Cartesian | 35.82269 | -0.1 | 8.26053 | No | 35.82269 | -0.1 | 8.26053 |
| 11300 | GLOBAL | Cartesian | 35.82269 | -0.2 | 8.26053 | No | 35.82269 | -0.2 | 8.26053 |
| 11301 | GLOBAL | Cartesian | 35.92268 | -0.1 | 8.25958 | No | 35.92268 | -0.1 | 8.25958 |
| 11302 | GLOBAL | Cartesian | 35.92268 | -0.2 | 8.25958 | No | 35.92268 | -0.2 | 8.25958 |
| 11303 | GLOBAL | Cartesian | 36.02268 | -0.1 | 8.25778 | No | 36.02268 | -0.1 | 8.25778 |
| 11304 | GLOBAL | Cartesian | 36.02268 | -0.2 | 8.25778 | No | 36.02268 | -0.2 | 8.25778 |
| 11305 | GLOBAL | Cartesian | 36.12268 | -0.1 | 8.25599 | No | 36.12268 | -0.1 | 8.25599 |
| 11306 | GLOBAL | Cartesian | 36.12268 | -0.2 | 8.25599 | No | 36.12268 | -0.2 | 8.25599 |
| 11307 | GLOBAL | Cartesian | 36.29469 | -0.1 | 8.25279 | No | 36.29469 | -0.1 | 8.25279 |
| 11308 | GLOBAL | Cartesian | 36.29469 | -0.2 | 8.25279 | No | 36.29469 | -0.2 | 8.25279 |
| 11309 | GLOBAL | Cartesian | 36.4667 | -0.1 | 8.24959 | No | 36.4667 | -0.1 | 8.24959 |
| 11310 | GLOBAL | Cartesian | 36.4667 | -0.2 | 8.24959 | No | 36.4667 | -0.2 | 8.24959 |
| 11311 | GLOBAL | Cartesian | 36.63871 | -0.1 | 8.24639 | No | 36.63871 | -0.1 | 8.24639 |
| 11312 | GLOBAL | Cartesian | 36.63871 | -0.2 | 8.24639 | No | 36.63871 | -0.2 | 8.24639 |
| 11313 | GLOBAL | Cartesian | 36.81072 | -0.1 | 8.24319 | No | 36.81072 | -0.1 | 8.24319 |
| 11314 | GLOBAL | Cartesian | 36.81072 | -0.2 | 8.24319 | No | 36.81072 | -0.2 | 8.24319 |
| 11315 | GLOBAL | Cartesian | 37.00192 | -0.1 | 8.23963 | No | 37.00192 | -0.1 | 8.23963 |
| 11316 | GLOBAL | Cartesian | 37.00192 | -0.2 | 8.23963 | No | 37.00192 | -0.2 | 8.23963 |
| 11317 | GLOBAL | Cartesian | 37.19311 | -0.1 | 8.23607 | No | 37.19311 | -0.1 | 8.23607 |
| 11318 | GLOBAL | Cartesian | 37.19311 | -0.2 | 8.23607 | No | 37.19311 | -0.2 | 8.23607 |
| 11319 | GLOBAL | Cartesian | 37.38431 | -0.1 | 8.23252 | No | 37.38431 | -0.1 | 8.23252 |
| 11320 | GLOBAL | Cartesian | 37.38431 | -0.2 | 8.23252 | No | 37.38431 | -0.2 | 8.23252 |
| 11321 | GLOBAL | Cartesian | 37.5755 | -0.1 | 8.22896 | No | 37.5755 | -0.1 | 8.22896 |
| 11322 | GLOBAL | Cartesian | 37.5755 | -0.2 | 8.22896 | No | 37.5755 | -0.2 | 8.22896 |
| 11323 | GLOBAL | Cartesian | 37.7667 | -0.1 | 8.2254 | No | 37.7667 | -0.1 | 8.2254 |
| 11324 | GLOBAL | Cartesian | 37.7667 | -0.2 | 8.2254 | No | 37.7667 | -0.2 | 8.2254 |
| 11325 | GLOBAL | Cartesian | 37.9579 | -0.1 | 8.22184 | No | 37.9579 | -0.1 | 8.22184 |
| 11326 | GLOBAL | Cartesian | 37.9579 | -0.2 | 8.22184 | No | 37.9579 | -0.2 | 8.22184 |
| 11327 | GLOBAL | Cartesian | 38.14909 | -0.1 | 8.21829 | No | 38.14909 | -0.1 | 8.21829 |
| 11328 | GLOBAL | Cartesian | 38.14909 | -0.2 | 8.21829 | No | 38.14909 | -0.2 | 8.21829 |
| 11329 | GLOBAL | Cartesian | 38.34029 | -0.1 | 8.21473 | No | 38.34029 | -0.1 | 8.21473 |
| 11330 | GLOBAL | Cartesian | 38.34029 | -0.2 | 8.21473 | No | 38.34029 | -0.2 | 8.21473 |
| 11331 | GLOBAL | Cartesian | 38.53148 | -0.1 | 8.21117 | No | 38.53148 | -0.1 | 8.21117 |
| 11332 | GLOBAL | Cartesian | 38.53148 | -0.2 | 8.21117 | No | 38.53148 | -0.2 | 8.21117 |
| 11333 | GLOBAL | Cartesian | 38.72268 | -0.1 | 8.20761 | No | 38.72268 | -0.1 | 8.20761 |
| 11334 | GLOBAL | Cartesian | 38.72268 | -0.2 | 8.20761 | No | 38.72268 | -0.2 | 8.20761 |
| 11335 | GLOBAL | Cartesian | 38.82268 | -0.1 | 8.20575 | No | 38.82268 | -0.1 | 8.20575 |
| 11336 | GLOBAL | Cartesian | 38.82268 | -0.2 | 8.20575 | No | 38.82268 | -0.2 | 8.20575 |
| 11337 | GLOBAL | Cartesian | 38.92268 | -0.1 | 8.20389 | No | 38.92268 | -0.1 | 8.20389 |
| 11338 | GLOBAL | Cartesian | 38.92268 | -0.2 | 8.20389 | No | 38.92268 | -0.2 | 8.20389 |
| 11339 | GLOBAL | Cartesian | 39.02323 | -0.1 | 8.20116 | No | 39.02323 | -0.1 | 8.20116 |
| 11340 | GLOBAL | Cartesian | 39.02323 | -0.2 | 8.20116 | No | 39.02323 | -0.2 | 8.20116 |
| 11341 | GLOBAL | Cartesian | 39.12377 | -0.1 | 8.19843 | No | 39.12377 | -0.1 | 8.19843 |
| 11342 | GLOBAL | Cartesian | 39.12377 | -0.2 | 8.19843 | No | 39.12377 | -0.2 | 8.19843 |
| 11343 | GLOBAL | Cartesian | 39.31489 | -0.1 | 8.19313 | No | 39.31489 | -0.1 | 8.19313 |
| 11344 | GLOBAL | Cartesian | 39.31489 | -0.2 | 8.19313 | No | 39.31489 | -0.2 | 8.19313 |
| 11345 | GLOBAL | Cartesian | 39.50601 | -0.1 | 8.18782 | No | 39.50601 | -0.1 | 8.18782 |
| 11346 | GLOBAL | Cartesian | 39.50601 | -0.2 | 8.18782 | No | 39.50601 | -0.2 | 8.18782 |
| 11347 | GLOBAL | Cartesian | 39.69713 | -0.1 | 8.18252 | No | 39.69713 | -0.1 | 8.18252 |
| 11348 | GLOBAL | Cartesian | 39.69713 | -0.2 | 8.18252 | No | 39.69713 | -0.2 | 8.18252 |
| 11349 | GLOBAL | Cartesian | 39.88825 | -0.1 | 8.17722 | No | 39.88825 | -0.1 | 8.17722 |
| 11350 | GLOBAL | Cartesian | 39.88825 | -0.2 | 8.17722 | No | 39.88825 | -0.2 | 8.17722 |
| 11351 | GLOBAL | Cartesian | 40.07167 | -0.1 | 8.17213 | No | 40.07167 | -0.1 | 8.17213 |
| 11352 | GLOBAL | Cartesian | 40.07167 | -0.2 | 8.17213 | No | 40.07167 | -0.2 | 8.17213 |
| 11353 | GLOBAL | Cartesian | 40.25509 | -0.1 | 8.16704 | No | 40.25509 | -0.1 | 8.16704 |
| 11354 | GLOBAL | Cartesian | 40.25509 | -0.2 | 8.16704 | No | 40.25509 | -0.2 | 8.16704 |
| 11355 | GLOBAL | Cartesian | 40.43851 | -0.1 | 8.16195 | No | 40.43851 | -0.1 | 8.16195 |
| 11356 | GLOBAL | Cartesian | 40.43851 | -0.2 | 8.16195 | No | 40.43851 | -0.2 | 8.16195 |
| 11357 | GLOBAL | Cartesian | 40.62194 | -0.1 | 8.15687 | No | 40.62194 | -0.1 | 8.15687 |
| 11358 | GLOBAL | Cartesian | 40.62194 | -0.2 | 8.15687 | No | 40.62194 | -0.2 | 8.15687 |
| 11359 | GLOBAL | Cartesian | 40.80536 | -0.1 | 8.15178 | No | 40.80536 | -0.1 | 8.15178 |
| 11360 | GLOBAL | Cartesian | 40.80536 | -0.2 | 8.15178 | No | 40.80536 | -0.2 | 8.15178 |
| 11361 | GLOBAL | Cartesian | 40.98878 | -0.1 | 8.14669 | No | 40.98878 | -0.1 | 8.14669 |
| 11362 | GLOBAL | Cartesian | 40.98878 | -0.2 | 8.14669 | No | 40.98878 | -0.2 | 8.14669 |
| 11363 | GLOBAL | Cartesian | 41.1722 | -0.1 | 8.1416 | No | 41.1722 | -0.1 | 8.1416 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 11364 | GLOBAL | Cartesian | 41.1722 | -0.2 | 8.1416 | No | 41.1722 | -0.2 | 8.1416 |
| 11365 | GLOBAL | Cartesian | 41.35563 | -0.1 | 8.13651 | No | 41.35563 | -0.1 | 8.13651 |
| 11366 | GLOBAL | Cartesian | 41.35563 | -0.2 | 8.13651 | No | 41.35563 | -0.2 | 8.13651 |
| 11367 | GLOBAL | Cartesian | 41.53905 | -0.1 | 8.13142 | No | 41.53905 | -0.1 | 8.13142 |
| 11368 | GLOBAL | Cartesian | 41.53905 | -0.2 | 8.13142 | No | 41.53905 | -0.2 | 8.13142 |
| 11369 | GLOBAL | Cartesian | 41.72247 | -0.1 | 8.12633 | No | 41.72247 | -0.1 | 8.12633 |
| 11370 | GLOBAL | Cartesian | 41.72247 | -0.2 | 8.12633 | No | 41.72247 | -0.2 | 8.12633 |
| 11371 | GLOBAL | Cartesian | 41.82258 | -0.1 | 8.12356 | No | 41.82258 | -0.1 | 8.12356 |
| 11372 | GLOBAL | Cartesian | 41.82258 | -0.2 | 8.12356 | No | 41.82258 | -0.2 | 8.12356 |
| 11373 | GLOBAL | Cartesian | 41.92268 | -0.1 | 8.12078 | No | 41.92268 | -0.1 | 8.12078 |
| 11374 | GLOBAL | Cartesian | 41.92268 | -0.2 | 8.12078 | No | 41.92268 | -0.2 | 8.12078 |
| 11375 | GLOBAL | Cartesian | 42.02285 | -0.1 | 8.11713 | No | 42.02285 | -0.1 | 8.11713 |
| 11376 | GLOBAL | Cartesian | 42.02285 | -0.2 | 8.11713 | No | 42.02285 | -0.2 | 8.11713 |
| 11377 | GLOBAL | Cartesian | 42.12302 | -0.1 | 8.11348 | No | 42.12302 | -0.1 | 8.11348 |
| 11378 | GLOBAL | Cartesian | 42.12302 | -0.2 | 8.11348 | No | 42.12302 | -0.2 | 8.11348 |
| 11379 | GLOBAL | Cartesian | 42.29162 | -0.1 | 8.10726 | No | 42.29162 | -0.1 | 8.10726 |
| 11380 | GLOBAL | Cartesian | 42.29162 | -0.2 | 8.10726 | No | 42.29162 | -0.2 | 8.10726 |
| 11381 | GLOBAL | Cartesian | 42.46022 | -0.1 | 8.10104 | No | 42.46022 | -0.1 | 8.10104 |
| 11382 | GLOBAL | Cartesian | 42.46022 | -0.2 | 8.10104 | No | 42.46022 | -0.2 | 8.10104 |
| 11383 | GLOBAL | Cartesian | 42.62882 | -0.1 | 8.09482 | No | 42.62882 | -0.1 | 8.09482 |
| 11384 | GLOBAL | Cartesian | 42.62882 | -0.2 | 8.09482 | No | 42.62882 | -0.2 | 8.09482 |
| 11385 | GLOBAL | Cartesian | 42.79742 | -0.1 | 8.08861 | No | 42.79742 | -0.1 | 8.08861 |
| 11386 | GLOBAL | Cartesian | 42.79742 | -0.2 | 8.08861 | No | 42.79742 | -0.2 | 8.08861 |
| 11387 | GLOBAL | Cartesian | 42.96602 | -0.1 | 8.08239 | No | 42.96602 | -0.1 | 8.08239 |
| 11388 | GLOBAL | Cartesian | 42.96602 | -0.2 | 8.08239 | No | 42.96602 | -0.2 | 8.08239 |
| 11389 | GLOBAL | Cartesian | 43.16118 | -0.1 | 8.07519 | No | 43.16118 | -0.1 | 8.07519 |
| 11390 | GLOBAL | Cartesian | 43.16118 | -0.2 | 8.07519 | No | 43.16118 | -0.2 | 8.07519 |
| 11391 | GLOBAL | Cartesian | 43.35634 | -0.1 | 8.06799 | No | 43.35634 | -0.1 | 8.06799 |
| 11392 | GLOBAL | Cartesian | 43.35634 | -0.2 | 8.06799 | No | 43.35634 | -0.2 | 8.06799 |
| 11393 | GLOBAL | Cartesian | 43.5515 | -0.1 | 8.06079 | No | 43.5515 | -0.1 | 8.06079 |
| 11394 | GLOBAL | Cartesian | 43.5515 | -0.2 | 8.06079 | No | 43.5515 | -0.2 | 8.06079 |
| 11395 | GLOBAL | Cartesian | 43.74667 | -0.1 | 8.05359 | No | 43.74667 | -0.1 | 8.05359 |
| 11396 | GLOBAL | Cartesian | 43.74667 | -0.2 | 8.05359 | No | 43.74667 | -0.2 | 8.05359 |
| 11397 | GLOBAL | Cartesian | 43.94183 | -0.1 | 8.04639 | No | 43.94183 | -0.1 | 8.04639 |
| 11398 | GLOBAL | Cartesian | 43.94183 | -0.2 | 8.04639 | No | 43.94183 | -0.2 | 8.04639 |
| 11399 | GLOBAL | Cartesian | 44.13699 | -0.1 | 8.0392 | No | 44.13699 | -0.1 | 8.0392 |
| 11400 | GLOBAL | Cartesian | 44.13699 | -0.2 | 8.0392 | No | 44.13699 | -0.2 | 8.0392 |
| 11401 | GLOBAL | Cartesian | 44.33215 | -0.1 | 8.032 | No | 44.33215 | -0.1 | 8.032 |
| 11402 | GLOBAL | Cartesian | 44.33215 | -0.2 | 8.032 | No | 44.33215 | -0.2 | 8.032 |
| 11403 | GLOBAL | Cartesian | 44.52732 | -0.1 | 8.0248 | No | 44.52732 | -0.1 | 8.0248 |
| 11404 | GLOBAL | Cartesian | 44.52732 | -0.2 | 8.0248 | No | 44.52732 | -0.2 | 8.0248 |
| 11405 | GLOBAL | Cartesian | 44.72248 | -0.1 | 8.0176 | No | 44.72248 | -0.1 | 8.0176 |
| 11406 | GLOBAL | Cartesian | 44.72248 | -0.2 | 8.0176 | No | 44.72248 | -0.2 | 8.0176 |
| 11407 | GLOBAL | Cartesian | 44.82258 | -0.1 | 8.01391 | No | 44.82258 | -0.1 | 8.01391 |
| 11408 | GLOBAL | Cartesian | 44.82258 | -0.2 | 8.01391 | No | 44.82258 | -0.2 | 8.01391 |
| 11409 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.01022 | No | 44.92268 | -0.1 | 8.01022 |
| 11410 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.01022 | No | 44.92268 | -0.2 | 8.01022 |
| 11411 | GLOBAL | Cartesian | 45.02268 | -0.1 | 8.00564 | No | 45.02268 | -0.1 | 8.00564 |
| 11412 | GLOBAL | Cartesian | 45.02268 | -0.2 | 8.00564 | No | 45.02268 | -0.2 | 8.00564 |
| 11413 | GLOBAL | Cartesian | 45.12268 | -0.1 | 8.00107 | No | 45.12268 | -0.1 | 8.00107 |
| 11414 | GLOBAL | Cartesian | 45.12268 | -0.2 | 8.00107 | No | 45.12268 | -0.2 | 8.00107 |
| 11415 | GLOBAL | Cartesian | 45.30927 | -0.1 | 7.99248 | No | 45.30927 | -0.1 | 7.99248 |
| 11416 | GLOBAL | Cartesian | 45.30927 | -0.2 | 7.99248 | No | 45.30927 | -0.2 | 7.99248 |
| 11417 | GLOBAL | Cartesian | 45.49586 | -0.1 | 7.98389 | No | 45.49586 | -0.1 | 7.98389 |
| 11418 | GLOBAL | Cartesian | 45.49586 | -0.2 | 7.98389 | No | 45.49586 | -0.2 | 7.98389 |
| 11419 | GLOBAL | Cartesian | 45.68246 | -0.1 | 7.9753 | No | 45.68246 | -0.1 | 7.9753 |
| 11420 | GLOBAL | Cartesian | 45.68246 | -0.2 | 7.9753 | No | 45.68246 | -0.2 | 7.9753 |
| 11421 | GLOBAL | Cartesian | 45.86905 | -0.1 | 7.96671 | No | 45.86905 | -0.1 | 7.96671 |
| 11422 | GLOBAL | Cartesian | 45.86905 | -0.2 | 7.96671 | No | 45.86905 | -0.2 | 7.96671 |
| 11423 | GLOBAL | Cartesian | 46.05564 | -0.1 | 7.95812 | No | 46.05564 | -0.1 | 7.95812 |
| 11424 | GLOBAL | Cartesian | 46.05564 | -0.2 | 7.95812 | No | 46.05564 | -0.2 | 7.95812 |
| 11425 | GLOBAL | Cartesian | 46.24085 | -0.1 | 7.9496 | No | 46.24085 | -0.1 | 7.9496 |
| 11426 | GLOBAL | Cartesian | 46.24085 | -0.2 | 7.9496 | No | 46.24085 | -0.2 | 7.9496 |
| 11427 | GLOBAL | Cartesian | 46.42605 | -0.1 | 7.94107 | No | 46.42605 | -0.1 | 7.94107 |
| 11428 | GLOBAL | Cartesian | 46.42605 | -0.2 | 7.94107 | No | 46.42605 | -0.2 | 7.94107 |
| 11429 | GLOBAL | Cartesian | 46.61125 | -0.1 | 7.93255 | No | 46.61125 | -0.1 | 7.93255 |
| 11430 | GLOBAL | Cartesian | 46.61125 | -0.2 | 7.93255 | No | 46.61125 | -0.2 | 7.93255 |
| 11431 | GLOBAL | Cartesian | 46.79646 | -0.1 | 7.92402 | No | 46.79646 | -0.1 | 7.92402 |
| 11432 | GLOBAL | Cartesian | 46.79646 | -0.2 | 7.92402 | No | 46.79646 | -0.2 | 7.92402 |
| 11433 | GLOBAL | Cartesian | 46.98166 | -0.1 | 7.9155 | No | 46.98166 | -0.1 | 7.9155 |
| 11434 | GLOBAL | Cartesian | 46.98166 | -0.2 | 7.9155 | No | 46.98166 | -0.2 | 7.9155 |
| 11435 | GLOBAL | Cartesian | 47.16687 | -0.1 | 7.90697 | No | 47.16687 | -0.1 | 7.90697 |
| 11436 | GLOBAL | Cartesian | 47.16687 | -0.2 | 7.90697 | No | 47.16687 | -0.2 | 7.90697 |
| 11437 | GLOBAL | Cartesian | 47.35207 | -0.1 | 7.89845 | No | 47.35207 | -0.1 | 7.89845 |
| 11438 | GLOBAL | Cartesian | 47.35207 | -0.2 | 7.89845 | No | 47.35207 | -0.2 | 7.89845 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 11439 | GLOBAL | Cartesian | 47.53727 | -0.1 | 7.88992 | No | 47.53727 | -0.1 | 7.88992 |
| 11440 | GLOBAL | Cartesian | 47.53727 | -0.2 | 7.88992 | No | 47.53727 | -0.2 | 7.88992 |
| 11441 | GLOBAL | Cartesian | 47.72248 | -0.1 | 7.8814 | No | 47.72248 | -0.1 | 7.8814 |
| 11442 | GLOBAL | Cartesian | 47.72248 | -0.2 | 7.8814 | No | 47.72248 | -0.2 | 7.8814 |
| 11443 | GLOBAL | Cartesian | 47.82258 | -0.1 | 7.87679 | No | 47.82258 | -0.1 | 7.87679 |
| 11444 | GLOBAL | Cartesian | 47.82258 | -0.2 | 7.87679 | No | 47.82258 | -0.2 | 7.87679 |
| 11451 | GLOBAL | Cartesian | 31.60556 | 0.1 | 8.28784 | No | 31.60556 | 0.1 | 8.28784 |
| 11452 | GLOBAL | Cartesian | 31.42268 | 0.1 | 8.28784 | No | 31.42268 | 0.1 | 8.28784 |
| 11453 | GLOBAL | Cartesian | 31.60556 | 0.2 | 8.28784 | No | 31.60556 | 0.2 | 8.28784 |
| 11454 | GLOBAL | Cartesian | 31.42268 | 0.2 | 8.28784 | No | 31.42268 | 0.2 | 8.28784 |
| 11455 | GLOBAL | Cartesian | 31.78843 | 0.1 | 8.28784 | No | 31.78843 | 0.1 | 8.28784 |
| 11456 | GLOBAL | Cartesian | 31.78843 | 0.2 | 8.28784 | No | 31.78843 | 0.2 | 8.28784 |
| 11457 | GLOBAL | Cartesian | 31.97131 | 0.1 | 8.28784 | No | 31.97131 | 0.1 | 8.28784 |
| 11458 | GLOBAL | Cartesian | 31.97131 | 0.2 | 8.28784 | No | 31.97131 | 0.2 | 8.28784 |
| 11459 | GLOBAL | Cartesian | 32.15419 | 0.1 | 8.28784 | No | 32.15419 | 0.1 | 8.28784 |
| 11460 | GLOBAL | Cartesian | 32.15419 | 0.2 | 8.28784 | No | 32.15419 | 0.2 | 8.28784 |
| 11461 | GLOBAL | Cartesian | 32.34368 | 0.1 | 8.28784 | No | 32.34368 | 0.1 | 8.28784 |
| 11462 | GLOBAL | Cartesian | 32.34368 | 0.2 | 8.28784 | No | 32.34368 | 0.2 | 8.28784 |
| 11463 | GLOBAL | Cartesian | 32.53318 | 0.1 | 8.28784 | No | 32.53318 | 0.1 | 8.28784 |
| 11464 | GLOBAL | Cartesian | 32.53318 | 0.2 | 8.28784 | No | 32.53318 | 0.2 | 8.28784 |
| 11465 | GLOBAL | Cartesian | 32.72268 | 0.1 | 8.28784 | No | 32.72268 | 0.1 | 8.28784 |
| 11466 | GLOBAL | Cartesian | 32.72268 | 0.2 | 8.28784 | No | 32.72268 | 0.2 | 8.28784 |
| 11467 | GLOBAL | Cartesian | 32.82268 | 0.1 | 8.28784 | No | 32.82268 | 0.1 | 8.28784 |
| 11468 | GLOBAL | Cartesian | 32.82268 | 0.2 | 8.28784 | No | 32.82268 | 0.2 | 8.28784 |
| 11469 | GLOBAL | Cartesian | 32.92268 | 0.1 | 8.28784 | No | 32.92268 | 0.1 | 8.28784 |
| 11470 | GLOBAL | Cartesian | 32.92268 | 0.2 | 8.28784 | No | 32.92268 | 0.2 | 8.28784 |
| 11471 | GLOBAL | Cartesian | 33.02268 | 0.1 | 8.28697 | No | 33.02268 | 0.1 | 8.28697 |
| 11472 | GLOBAL | Cartesian | 33.02268 | 0.2 | 8.28697 | No | 33.02268 | 0.2 | 8.28697 |
| 11473 | GLOBAL | Cartesian | 33.12268 | 0.1 | 8.2861 | No | 33.12268 | 0.1 | 8.2861 |
| 11474 | GLOBAL | Cartesian | 33.12268 | 0.2 | 8.2861 | No | 33.12268 | 0.2 | 8.2861 |
| 11475 | GLOBAL | Cartesian | 33.27718 | 0.1 | 8.28464 | No | 33.27718 | 0.1 | 8.28464 |
| 11476 | GLOBAL | Cartesian | 33.27718 | 0.2 | 8.28464 | No | 33.27718 | 0.2 | 8.28464 |
| 11477 | GLOBAL | Cartesian | 33.43168 | 0.1 | 8.28317 | No | 33.43168 | 0.1 | 8.28317 |
| 11478 | GLOBAL | Cartesian | 33.43168 | 0.2 | 8.28317 | No | 33.43168 | 0.2 | 8.28317 |
| 11479 | GLOBAL | Cartesian | 33.58618 | 0.1 | 8.28171 | No | 33.58618 | 0.1 | 8.28171 |
| 11480 | GLOBAL | Cartesian | 33.58618 | 0.2 | 8.28171 | No | 33.58618 | 0.2 | 8.28171 |
| 11481 | GLOBAL | Cartesian | 33.74068 | 0.1 | 8.28025 | No | 33.74068 | 0.1 | 8.28025 |
| 11482 | GLOBAL | Cartesian | 33.74068 | 0.2 | 8.28025 | No | 33.74068 | 0.2 | 8.28025 |
| 11483 | GLOBAL | Cartesian | 33.93889 | 0.1 | 8.27837 | No | 33.93889 | 0.1 | 8.27837 |
| 11484 | GLOBAL | Cartesian | 33.93889 | 0.2 | 8.27837 | No | 33.93889 | 0.2 | 8.27837 |
| 11485 | GLOBAL | Cartesian | 34.13709 | 0.1 | 8.27649 | No | 34.13709 | 0.1 | 8.27649 |
| 11486 | GLOBAL | Cartesian | 34.13709 | 0.2 | 8.27649 | No | 34.13709 | 0.2 | 8.27649 |
| 11487 | GLOBAL | Cartesian | 34.33529 | 0.1 | 8.27462 | No | 34.33529 | 0.1 | 8.27462 |
| 11488 | GLOBAL | Cartesian | 34.33529 | 0.2 | 8.27462 | No | 34.33529 | 0.2 | 8.27462 |
| 11489 | GLOBAL | Cartesian | 34.53349 | 0.1 | 8.27274 | No | 34.53349 | 0.1 | 8.27274 |
| 11490 | GLOBAL | Cartesian | 34.53349 | 0.2 | 8.27274 | No | 34.53349 | 0.2 | 8.27274 |
| 11491 | GLOBAL | Cartesian | 34.73169 | 0.1 | 8.27086 | No | 34.73169 | 0.1 | 8.27086 |
| 11492 | GLOBAL | Cartesian | 34.73169 | 0.2 | 8.27086 | No | 34.73169 | 0.2 | 8.27086 |
| 11493 | GLOBAL | Cartesian | 34.92989 | 0.1 | 8.26898 | No | 34.92989 | 0.1 | 8.26898 |
| 11494 | GLOBAL | Cartesian | 34.92989 | 0.2 | 8.26898 | No | 34.92989 | 0.2 | 8.26898 |
| 11495 | GLOBAL | Cartesian | 35.12809 | 0.1 | 8.26711 | No | 35.12809 | 0.1 | 8.26711 |
| 11496 | GLOBAL | Cartesian | 35.12809 | 0.2 | 8.26711 | No | 35.12809 | 0.2 | 8.26711 |
| 11497 | GLOBAL | Cartesian | 35.32629 | 0.1 | 8.26523 | No | 35.32629 | 0.1 | 8.26523 |
| 11498 | GLOBAL | Cartesian | 35.32629 | 0.2 | 8.26523 | No | 35.32629 | 0.2 | 8.26523 |
| 11499 | GLOBAL | Cartesian | 35.5245 | 0.1 | 8.26335 | No | 35.5245 | 0.1 | 8.26335 |
| 11500 | GLOBAL | Cartesian | 35.5245 | 0.2 | 8.26335 | No | 35.5245 | 0.2 | 8.26335 |
| 11501 | GLOBAL | Cartesian | 35.7227 | 0.1 | 8.26147 | No | 35.7227 | 0.1 | 8.26147 |
| 11502 | GLOBAL | Cartesian | 35.7227 | 0.2 | 8.26147 | No | 35.7227 | 0.2 | 8.26147 |
| 11503 | GLOBAL | Cartesian | 35.82269 | 0.1 | 8.26053 | No | 35.82269 | 0.1 | 8.26053 |
| 11504 | GLOBAL | Cartesian | 35.82269 | 0.2 | 8.26053 | No | 35.82269 | 0.2 | 8.26053 |
| 11505 | GLOBAL | Cartesian | 35.92268 | 0.1 | 8.25958 | No | 35.92268 | 0.1 | 8.25958 |
| 11506 | GLOBAL | Cartesian | 35.92268 | 0.2 | 8.25958 | No | 35.92268 | 0.2 | 8.25958 |
| 11507 | GLOBAL | Cartesian | 36.02268 | 0.1 | 8.25778 | No | 36.02268 | 0.1 | 8.25778 |
| 11508 | GLOBAL | Cartesian | 36.02268 | 0.2 | 8.25778 | No | 36.02268 | 0.2 | 8.25778 |
| 11509 | GLOBAL | Cartesian | 36.12268 | 0.1 | 8.25599 | No | 36.12268 | 0.1 | 8.25599 |
| 11510 | GLOBAL | Cartesian | 36.12268 | 0.2 | 8.25599 | No | 36.12268 | 0.2 | 8.25599 |
| 11511 | GLOBAL | Cartesian | 36.29469 | 0.1 | 8.25279 | No | 36.29469 | 0.1 | 8.25279 |
| 11512 | GLOBAL | Cartesian | 36.29469 | 0.2 | 8.25279 | No | 36.29469 | 0.2 | 8.25279 |
| 11513 | GLOBAL | Cartesian | 36.4667 | 0.1 | 8.24959 | No | 36.4667 | 0.1 | 8.24959 |
| 11514 | GLOBAL | Cartesian | 36.4667 | 0.2 | 8.24959 | No | 36.4667 | 0.2 | 8.24959 |
| 11515 | GLOBAL | Cartesian | 36.63871 | 0.1 | 8.24639 | No | 36.63871 | 0.1 | 8.24639 |
| 11516 | GLOBAL | Cartesian | 36.63871 | 0.2 | 8.24639 | No | 36.63871 | 0.2 | 8.24639 |
| 11517 | GLOBAL | Cartesian | 36.81072 | 0.1 | 8.24319 | No | 36.81072 | 0.1 | 8.24319 |
| 11518 | GLOBAL | Cartesian | 36.81072 | 0.2 | 8.24319 | No | 36.81072 | 0.2 | 8.24319 |
| 11519 | GLOBAL | Cartesian | 37.00192 | 0.1 | 8.23963 | No | 37.00192 | 0.1 | 8.23963 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 11520 | GLOBAL | Cartesian | 37.00192 | 0.2 | 8.23963 | No | 37.00192 | 0.2 | 8.23963 |
| 11521 | GLOBAL | Cartesian | 37.19311 | 0.1 | 8.23607 | No | 37.19311 | 0.1 | 8.23607 |
| 11522 | GLOBAL | Cartesian | 37.19311 | 0.2 | 8.23607 | No | 37.19311 | 0.2 | 8.23607 |
| 11523 | GLOBAL | Cartesian | 37.38431 | 0.1 | 8.23252 | No | 37.38431 | 0.1 | 8.23252 |
| 11524 | GLOBAL | Cartesian | 37.38431 | 0.2 | 8.23252 | No | 37.38431 | 0.2 | 8.23252 |
| 11525 | GLOBAL | Cartesian | 37.5755 | 0.1 | 8.22896 | No | 37.5755 | 0.1 | 8.22896 |
| 11526 | GLOBAL | Cartesian | 37.5755 | 0.2 | 8.22896 | No | 37.5755 | 0.2 | 8.22896 |
| 11527 | GLOBAL | Cartesian | 37.7667 | 0.1 | 8.2254 | No | 37.7667 | 0.1 | 8.2254 |
| 11528 | GLOBAL | Cartesian | 37.7667 | 0.2 | 8.2254 | No | 37.7667 | 0.2 | 8.2254 |
| 11529 | GLOBAL | Cartesian | 37.9579 | 0.1 | 8.22184 | No | 37.9579 | 0.1 | 8.22184 |
| 11530 | GLOBAL | Cartesian | 37.9579 | 0.2 | 8.22184 | No | 37.9579 | 0.2 | 8.22184 |
| 11531 | GLOBAL | Cartesian | 38.14909 | 0.1 | 8.21829 | No | 38.14909 | 0.1 | 8.21829 |
| 11532 | GLOBAL | Cartesian | 38.14909 | 0.2 | 8.21829 | No | 38.14909 | 0.2 | 8.21829 |
| 11533 | GLOBAL | Cartesian | 38.34029 | 0.1 | 8.21473 | No | 38.34029 | 0.1 | 8.21473 |
| 11534 | GLOBAL | Cartesian | 38.34029 | 0.2 | 8.21473 | No | 38.34029 | 0.2 | 8.21473 |
| 11535 | GLOBAL | Cartesian | 38.53148 | 0.1 | 8.21117 | No | 38.53148 | 0.1 | 8.21117 |
| 11536 | GLOBAL | Cartesian | 38.53148 | 0.2 | 8.21117 | No | 38.53148 | 0.2 | 8.21117 |
| 11537 | GLOBAL | Cartesian | 38.72268 | 0.1 | 8.20761 | No | 38.72268 | 0.1 | 8.20761 |
| 11538 | GLOBAL | Cartesian | 38.72268 | 0.2 | 8.20761 | No | 38.72268 | 0.2 | 8.20761 |
| 11539 | GLOBAL | Cartesian | 38.82268 | 0.1 | 8.20575 | No | 38.82268 | 0.1 | 8.20575 |
| 11540 | GLOBAL | Cartesian | 38.82268 | 0.2 | 8.20575 | No | 38.82268 | 0.2 | 8.20575 |
| 11541 | GLOBAL | Cartesian | 38.92268 | 0.1 | 8.20389 | No | 38.92268 | 0.1 | 8.20389 |
| 11542 | GLOBAL | Cartesian | 38.92268 | 0.2 | 8.20389 | No | 38.92268 | 0.2 | 8.20389 |
| 11543 | GLOBAL | Cartesian | 39.02323 | 0.1 | 8.20116 | No | 39.02323 | 0.1 | 8.20116 |
| 11544 | GLOBAL | Cartesian | 39.02323 | 0.2 | 8.20116 | No | 39.02323 | 0.2 | 8.20116 |
| 11545 | GLOBAL | Cartesian | 39.12377 | 0.1 | 8.19843 | No | 39.12377 | 0.1 | 8.19843 |
| 11546 | GLOBAL | Cartesian | 39.12377 | 0.2 | 8.19843 | No | 39.12377 | 0.2 | 8.19843 |
| 11547 | GLOBAL | Cartesian | 39.31489 | 0.1 | 8.19313 | No | 39.31489 | 0.1 | 8.19313 |
| 11548 | GLOBAL | Cartesian | 39.31489 | 0.2 | 8.19313 | No | 39.31489 | 0.2 | 8.19313 |
| 11549 | GLOBAL | Cartesian | 39.50601 | 0.1 | 8.18782 | No | 39.50601 | 0.1 | 8.18782 |
| 11550 | GLOBAL | Cartesian | 39.50601 | 0.2 | 8.18782 | No | 39.50601 | 0.2 | 8.18782 |
| 11551 | GLOBAL | Cartesian | 39.69713 | 0.1 | 8.18252 | No | 39.69713 | 0.1 | 8.18252 |
| 11552 | GLOBAL | Cartesian | 39.69713 | 0.2 | 8.18252 | No | 39.69713 | 0.2 | 8.18252 |
| 11553 | GLOBAL | Cartesian | 39.88825 | 0.1 | 8.17722 | No | 39.88825 | 0.1 | 8.17722 |
| 11554 | GLOBAL | Cartesian | 39.88825 | 0.2 | 8.17722 | No | 39.88825 | 0.2 | 8.17722 |
| 11555 | GLOBAL | Cartesian | 40.07167 | 0.1 | 8.17213 | No | 40.07167 | 0.1 | 8.17213 |
| 11556 | GLOBAL | Cartesian | 40.07167 | 0.2 | 8.17213 | No | 40.07167 | 0.2 | 8.17213 |
| 11557 | GLOBAL | Cartesian | 40.25509 | 0.1 | 8.16704 | No | 40.25509 | 0.1 | 8.16704 |
| 11558 | GLOBAL | Cartesian | 40.25509 | 0.2 | 8.16704 | No | 40.25509 | 0.2 | 8.16704 |
| 11559 | GLOBAL | Cartesian | 40.43851 | 0.1 | 8.16195 | No | 40.43851 | 0.1 | 8.16195 |
| 11560 | GLOBAL | Cartesian | 40.43851 | 0.2 | 8.16195 | No | 40.43851 | 0.2 | 8.16195 |
| 11561 | GLOBAL | Cartesian | 40.62194 | 0.1 | 8.15687 | No | 40.62194 | 0.1 | 8.15687 |
| 11562 | GLOBAL | Cartesian | 40.62194 | 0.2 | 8.15687 | No | 40.62194 | 0.2 | 8.15687 |
| 11563 | GLOBAL | Cartesian | 40.80536 | 0.1 | 8.15178 | No | 40.80536 | 0.1 | 8.15178 |
| 11564 | GLOBAL | Cartesian | 40.80536 | 0.2 | 8.15178 | No | 40.80536 | 0.2 | 8.15178 |
| 11565 | GLOBAL | Cartesian | 40.98878 | 0.1 | 8.14669 | No | 40.98878 | 0.1 | 8.14669 |
| 11566 | GLOBAL | Cartesian | 40.98878 | 0.2 | 8.14669 | No | 40.98878 | 0.2 | 8.14669 |
| 11567 | GLOBAL | Cartesian | 41.1722 | 0.1 | 8.1416 | No | 41.1722 | 0.1 | 8.1416 |
| 11568 | GLOBAL | Cartesian | 41.1722 | 0.2 | 8.1416 | No | 41.1722 | 0.2 | 8.1416 |
| 11569 | GLOBAL | Cartesian | 41.35563 | 0.1 | 8.13651 | No | 41.35563 | 0.1 | 8.13651 |
| 11570 | GLOBAL | Cartesian | 41.35563 | 0.2 | 8.13651 | No | 41.35563 | 0.2 | 8.13651 |
| 11571 | GLOBAL | Cartesian | 41.53905 | 0.1 | 8.13142 | No | 41.53905 | 0.1 | 8.13142 |
| 11572 | GLOBAL | Cartesian | 41.53905 | 0.2 | 8.13142 | No | 41.53905 | 0.2 | 8.13142 |
| 11573 | GLOBAL | Cartesian | 41.72247 | 0.1 | 8.12633 | No | 41.72247 | 0.1 | 8.12633 |
| 11574 | GLOBAL | Cartesian | 41.72247 | 0.2 | 8.12633 | No | 41.72247 | 0.2 | 8.12633 |
| 11575 | GLOBAL | Cartesian | 41.82258 | 0.1 | 8.12356 | No | 41.82258 | 0.1 | 8.12356 |
| 11576 | GLOBAL | Cartesian | 41.82258 | 0.2 | 8.12356 | No | 41.82258 | 0.2 | 8.12356 |
| 11577 | GLOBAL | Cartesian | 41.92268 | 0.1 | 8.12078 | No | 41.92268 | 0.1 | 8.12078 |
| 11578 | GLOBAL | Cartesian | 41.92268 | 0.2 | 8.12078 | No | 41.92268 | 0.2 | 8.12078 |
| 11579 | GLOBAL | Cartesian | 42.02285 | 0.1 | 8.11713 | No | 42.02285 | 0.1 | 8.11713 |
| 11580 | GLOBAL | Cartesian | 42.02285 | 0.2 | 8.11713 | No | 42.02285 | 0.2 | 8.11713 |
| 11581 | GLOBAL | Cartesian | 42.12302 | 0.1 | 8.11348 | No | 42.12302 | 0.1 | 8.11348 |
| 11582 | GLOBAL | Cartesian | 42.12302 | 0.2 | 8.11348 | No | 42.12302 | 0.2 | 8.11348 |
| 11583 | GLOBAL | Cartesian | 42.29162 | 0.1 | 8.10726 | No | 42.29162 | 0.1 | 8.10726 |
| 11584 | GLOBAL | Cartesian | 42.29162 | 0.2 | 8.10726 | No | 42.29162 | 0.2 | 8.10726 |
| 11585 | GLOBAL | Cartesian | 42.46022 | 0.1 | 8.10104 | No | 42.46022 | 0.1 | 8.10104 |
| 11586 | GLOBAL | Cartesian | 42.46022 | 0.2 | 8.10104 | No | 42.46022 | 0.2 | 8.10104 |
| 11587 | GLOBAL | Cartesian | 42.62882 | 0.1 | 8.09482 | No | 42.62882 | 0.1 | 8.09482 |
| 11588 | GLOBAL | Cartesian | 42.62882 | 0.2 | 8.09482 | No | 42.62882 | 0.2 | 8.09482 |
| 11589 | GLOBAL | Cartesian | 42.79742 | 0.1 | 8.08861 | No | 42.79742 | 0.1 | 8.08861 |
| 11590 | GLOBAL | Cartesian | 42.79742 | 0.2 | 8.08861 | No | 42.79742 | 0.2 | 8.08861 |
| 11591 | GLOBAL | Cartesian | 42.96602 | 0.1 | 8.08239 | No | 42.96602 | 0.1 | 8.08239 |
| 11592 | GLOBAL | Cartesian | 42.96602 | 0.2 | 8.08239 | No | 42.96602 | 0.2 | 8.08239 |
| 11593 | GLOBAL | Cartesian | 43.16118 | 0.1 | 8.07519 | No | 43.16118 | 0.1 | 8.07519 |
| 11594 | GLOBAL | Cartesian | 43.16118 | 0.2 | 8.07519 | No | 43.16118 | 0.2 | 8.07519 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 11595 | GLOBAL | Cartesian | 43.35634 | 0.1 | 8.06799 | No | 43.35634 | 0.1 | 8.06799 |
| 11596 | GLOBAL | Cartesian | 43.35634 | 0.2 | 8.06799 | No | 43.35634 | 0.2 | 8.06799 |
| 11597 | GLOBAL | Cartesian | 43.5515 | 0.1 | 8.06079 | No | 43.5515 | 0.1 | 8.06079 |
| 11598 | GLOBAL | Cartesian | 43.5515 | 0.2 | 8.06079 | No | 43.5515 | 0.2 | 8.06079 |
| 11599 | GLOBAL | Cartesian | 43.74667 | 0.1 | 8.05359 | No | 43.74667 | 0.1 | 8.05359 |
| 11600 | GLOBAL | Cartesian | 43.74667 | 0.2 | 8.05359 | No | 43.74667 | 0.2 | 8.05359 |
| 11601 | GLOBAL | Cartesian | 43.94183 | 0.1 | 8.04639 | No | 43.94183 | 0.1 | 8.04639 |
| 11602 | GLOBAL | Cartesian | 43.94183 | 0.2 | 8.04639 | No | 43.94183 | 0.2 | 8.04639 |
| 11603 | GLOBAL | Cartesian | 44.13699 | 0.1 | 8.0392 | No | 44.13699 | 0.1 | 8.0392 |
| 11604 | GLOBAL | Cartesian | 44.13699 | 0.2 | 8.0392 | No | 44.13699 | 0.2 | 8.0392 |
| 11605 | GLOBAL | Cartesian | 44.33215 | 0.1 | 8.032 | No | 44.33215 | 0.1 | 8.032 |
| 11606 | GLOBAL | Cartesian | 44.33215 | 0.2 | 8.032 | No | 44.33215 | 0.2 | 8.032 |
| 11607 | GLOBAL | Cartesian | 44.52732 | 0.1 | 8.0248 | No | 44.52732 | 0.1 | 8.0248 |
| 11608 | GLOBAL | Cartesian | 44.52732 | 0.2 | 8.0248 | No | 44.52732 | 0.2 | 8.0248 |
| 11609 | GLOBAL | Cartesian | 44.72248 | 0.1 | 8.0176 | No | 44.72248 | 0.1 | 8.0176 |
| 11610 | GLOBAL | Cartesian | 44.72248 | 0.2 | 8.0176 | No | 44.72248 | 0.2 | 8.0176 |
| 11611 | GLOBAL | Cartesian | 44.82258 | 0.1 | 8.01391 | No | 44.82258 | 0.1 | 8.01391 |
| 11612 | GLOBAL | Cartesian | 44.82258 | 0.2 | 8.01391 | No | 44.82258 | 0.2 | 8.01391 |
| 11613 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.01022 | No | 44.92268 | 0.1 | 8.01022 |
| 11614 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.01022 | No | 44.92268 | 0.2 | 8.01022 |
| 11615 | GLOBAL | Cartesian | 45.02268 | 0.1 | 8.00564 | No | 45.02268 | 0.1 | 8.00564 |
| 11616 | GLOBAL | Cartesian | 45.02268 | 0.2 | 8.00564 | No | 45.02268 | 0.2 | 8.00564 |
| 11617 | GLOBAL | Cartesian | 45.12268 | 0.1 | 8.00107 | No | 45.12268 | 0.1 | 8.00107 |
| 11618 | GLOBAL | Cartesian | 45.12268 | 0.2 | 8.00107 | No | 45.12268 | 0.2 | 8.00107 |
| 11619 | GLOBAL | Cartesian | 45.30927 | 0.1 | 7.99248 | No | 45.30927 | 0.1 | 7.99248 |
| 11620 | GLOBAL | Cartesian | 45.30927 | 0.2 | 7.99248 | No | 45.30927 | 0.2 | 7.99248 |
| 11621 | GLOBAL | Cartesian | 45.49586 | 0.1 | 7.98389 | No | 45.49586 | 0.1 | 7.98389 |
| 11622 | GLOBAL | Cartesian | 45.49586 | 0.2 | 7.98389 | No | 45.49586 | 0.2 | 7.98389 |
| 11623 | GLOBAL | Cartesian | 45.68246 | 0.1 | 7.9753 | No | 45.68246 | 0.1 | 7.9753 |
| 11624 | GLOBAL | Cartesian | 45.68246 | 0.2 | 7.9753 | No | 45.68246 | 0.2 | 7.9753 |
| 11625 | GLOBAL | Cartesian | 45.86905 | 0.1 | 7.96671 | No | 45.86905 | 0.1 | 7.96671 |
| 11626 | GLOBAL | Cartesian | 45.86905 | 0.2 | 7.96671 | No | 45.86905 | 0.2 | 7.96671 |
| 11627 | GLOBAL | Cartesian | 46.05564 | 0.1 | 7.95812 | No | 46.05564 | 0.1 | 7.95812 |
| 11628 | GLOBAL | Cartesian | 46.05564 | 0.2 | 7.95812 | No | 46.05564 | 0.2 | 7.95812 |
| 11629 | GLOBAL | Cartesian | 46.24085 | 0.1 | 7.9496 | No | 46.24085 | 0.1 | 7.9496 |
| 11630 | GLOBAL | Cartesian | 46.24085 | 0.2 | 7.9496 | No | 46.24085 | 0.2 | 7.9496 |
| 11631 | GLOBAL | Cartesian | 46.42605 | 0.1 | 7.94107 | No | 46.42605 | 0.1 | 7.94107 |
| 11632 | GLOBAL | Cartesian | 46.42605 | 0.2 | 7.94107 | No | 46.42605 | 0.2 | 7.94107 |
| 11633 | GLOBAL | Cartesian | 46.61125 | 0.1 | 7.93255 | No | 46.61125 | 0.1 | 7.93255 |
| 11634 | GLOBAL | Cartesian | 46.61125 | 0.2 | 7.93255 | No | 46.61125 | 0.2 | 7.93255 |
| 11635 | GLOBAL | Cartesian | 46.79646 | 0.1 | 7.92402 | No | 46.79646 | 0.1 | 7.92402 |
| 11636 | GLOBAL | Cartesian | 46.79646 | 0.2 | 7.92402 | No | 46.79646 | 0.2 | 7.92402 |
| 11637 | GLOBAL | Cartesian | 46.98166 | 0.1 | 7.9155 | No | 46.98166 | 0.1 | 7.9155 |
| 11638 | GLOBAL | Cartesian | 46.98166 | 0.2 | 7.9155 | No | 46.98166 | 0.2 | 7.9155 |
| 11639 | GLOBAL | Cartesian | 47.16687 | 0.1 | 7.90697 | No | 47.16687 | 0.1 | 7.90697 |
| 11640 | GLOBAL | Cartesian | 47.16687 | 0.2 | 7.90697 | No | 47.16687 | 0.2 | 7.90697 |
| 11641 | GLOBAL | Cartesian | 47.35207 | 0.1 | 7.89845 | No | 47.35207 | 0.1 | 7.89845 |
| 11642 | GLOBAL | Cartesian | 47.35207 | 0.2 | 7.89845 | No | 47.35207 | 0.2 | 7.89845 |
| 11643 | GLOBAL | Cartesian | 47.53727 | 0.1 | 7.88992 | No | 47.53727 | 0.1 | 7.88992 |
| 11644 | GLOBAL | Cartesian | 47.53727 | 0.2 | 7.88992 | No | 47.53727 | 0.2 | 7.88992 |
| 11645 | GLOBAL | Cartesian | 47.72248 | 0.1 | 7.8814 | No | 47.72248 | 0.1 | 7.8814 |
| 11646 | GLOBAL | Cartesian | 47.72248 | 0.2 | 7.8814 | No | 47.72248 | 0.2 | 7.8814 |
| 11647 | GLOBAL | Cartesian | 47.82258 | 0.1 | 7.87679 | No | 47.82258 | 0.1 | 7.87679 |
| 11648 | GLOBAL | Cartesian | 47.82258 | 0.2 | 7.87679 | No | 47.82258 | 0.2 | 7.87679 |
| 21575 | GLOBAL | Cartesian | 47.92268 | 0.1 | 7.87218 | No | 47.92268 | 0.1 | 7.87218 |
| 21576 | GLOBAL | Cartesian | 47.92268 | 0.2 | 7.87218 | No | 47.92268 | 0.2 | 7.87218 |
| 21577 | GLOBAL | Cartesian | 48.11179 | 0.1 | 7.86176 | No | 48.11179 | 0.1 | 7.86176 |
| 21578 | GLOBAL | Cartesian | 48.11179 | 0.2 | 7.86176 | No | 48.11179 | 0.2 | 7.86176 |
| 21579 | GLOBAL | Cartesian | 48.29918 | 0.1 | 7.85142 | No | 48.29918 | 0.1 | 7.85142 |
| 21580 | GLOBAL | Cartesian | 48.29918 | 0.2 | 7.85142 | No | 48.29918 | 0.2 | 7.85142 |
| 21581 | GLOBAL | Cartesian | 48.48657 | 0.1 | 7.84107 | No | 48.48657 | 0.1 | 7.84107 |
| 21582 | GLOBAL | Cartesian | 48.48657 | 0.2 | 7.84107 | No | 48.48657 | 0.2 | 7.84107 |
| 21583 | GLOBAL | Cartesian | 48.67397 | 0.1 | 7.83073 | No | 48.67397 | 0.1 | 7.83073 |
| 21584 | GLOBAL | Cartesian | 48.67397 | 0.2 | 7.83073 | No | 48.67397 | 0.2 | 7.83073 |
| 21585 | GLOBAL | Cartesian | 48.86136 | 0.1 | 7.82039 | No | 48.86136 | 0.1 | 7.82039 |
| 21586 | GLOBAL | Cartesian | 48.86136 | 0.2 | 7.82039 | No | 48.86136 | 0.2 | 7.82039 |
| 21587 | GLOBAL | Cartesian | 49.04875 | 0.1 | 7.81004 | No | 49.04875 | 0.1 | 7.81004 |
| 21588 | GLOBAL | Cartesian | 49.04875 | 0.2 | 7.81004 | No | 49.04875 | 0.2 | 7.81004 |
| 21589 | GLOBAL | Cartesian | 49.23614 | 0.1 | 7.7997 | No | 49.23614 | 0.1 | 7.7997 |
| 21590 | GLOBAL | Cartesian | 49.23614 | 0.2 | 7.7997 | No | 49.23614 | 0.2 | 7.7997 |
| 21591 | GLOBAL | Cartesian | 49.42354 | 0.1 | 7.78936 | No | 49.42354 | 0.1 | 7.78936 |
| 21592 | GLOBAL | Cartesian | 49.42354 | 0.2 | 7.78936 | No | 49.42354 | 0.2 | 7.78936 |
| 21593 | GLOBAL | Cartesian | 49.61093 | 0.1 | 7.77902 | No | 49.61093 | 0.1 | 7.77902 |
| 21594 | GLOBAL | Cartesian | 49.61093 | 0.2 | 7.77902 | No | 49.61093 | 0.2 | 7.77902 |
| 21595 | GLOBAL | Cartesian | 49.79832 | 0.1 | 7.76867 | No | 49.79832 | 0.1 | 7.76867 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21596 | GLOBAL | Cartesian | 49.79832 | 0.2 | 7.76867 | No | 49.79832 | 0.2 | 7.76867 |
| 21597 | GLOBAL | Cartesian | 49.98572 | 0.1 | 7.75833 | No | 49.98572 | 0.1 | 7.75833 |
| 21598 | GLOBAL | Cartesian | 49.98572 | 0.2 | 7.75833 | No | 49.98572 | 0.2 | 7.75833 |
| 21599 | GLOBAL | Cartesian | 50.17311 | 0.1 | 7.74799 | No | 50.17311 | 0.1 | 7.74799 |
| 21600 | GLOBAL | Cartesian | 50.17311 | 0.2 | 7.74799 | No | 50.17311 | 0.2 | 7.74799 |
| 21601 | GLOBAL | Cartesian | 50.3605 | 0.1 | 7.73764 | No | 50.3605 | 0.1 | 7.73764 |
| 21602 | GLOBAL | Cartesian | 50.3605 | 0.2 | 7.73764 | No | 50.3605 | 0.2 | 7.73764 |
| 21603 | GLOBAL | Cartesian | 50.54789 | 0.1 | 7.7273 | No | 50.54789 | 0.1 | 7.7273 |
| 21604 | GLOBAL | Cartesian | 50.54789 | 0.2 | 7.7273 | No | 50.54789 | 0.2 | 7.7273 |
| 21605 | GLOBAL | Cartesian | 50.73529 | 0.1 | 7.71696 | No | 50.73529 | 0.1 | 7.71696 |
| 21606 | GLOBAL | Cartesian | 50.73529 | 0.2 | 7.71696 | No | 50.73529 | 0.2 | 7.71696 |
| 21607 | GLOBAL | Cartesian | 50.92268 | 0.1 | 7.70662 | No | 50.92268 | 0.1 | 7.70662 |
| 21608 | GLOBAL | Cartesian | 50.92268 | 0.2 | 7.70662 | No | 50.92268 | 0.2 | 7.70662 |
| 21609 | GLOBAL | Cartesian | 51.11018 | 0.1 | 7.69537 | No | 51.11018 | 0.1 | 7.69537 |
| 21610 | GLOBAL | Cartesian | 51.11018 | 0.2 | 7.69537 | No | 51.11018 | 0.2 | 7.69537 |
| 21611 | GLOBAL | Cartesian | 51.29768 | 0.1 | 7.68412 | No | 51.29768 | 0.1 | 7.68412 |
| 21612 | GLOBAL | Cartesian | 51.29768 | 0.2 | 7.68412 | No | 51.29768 | 0.2 | 7.68412 |
| 21613 | GLOBAL | Cartesian | 51.48518 | 0.1 | 7.67287 | No | 51.48518 | 0.1 | 7.67287 |
| 21614 | GLOBAL | Cartesian | 51.48518 | 0.2 | 7.67287 | No | 51.48518 | 0.2 | 7.67287 |
| 21615 | GLOBAL | Cartesian | 51.67268 | 0.1 | 7.66162 | No | 51.67268 | 0.1 | 7.66162 |
| 21616 | GLOBAL | Cartesian | 51.67268 | 0.2 | 7.66162 | No | 51.67268 | 0.2 | 7.66162 |
| 21617 | GLOBAL | Cartesian | 51.86018 | 0.1 | 7.65037 | No | 51.86018 | 0.1 | 7.65037 |
| 21618 | GLOBAL | Cartesian | 51.86018 | 0.2 | 7.65037 | No | 51.86018 | 0.2 | 7.65037 |
| 21619 | GLOBAL | Cartesian | 52.04768 | 0.1 | 7.63912 | No | 52.04768 | 0.1 | 7.63912 |
| 21620 | GLOBAL | Cartesian | 52.04768 | 0.2 | 7.63912 | No | 52.04768 | 0.2 | 7.63912 |
| 21621 | GLOBAL | Cartesian | 52.23518 | 0.1 | 7.62787 | No | 52.23518 | 0.1 | 7.62787 |
| 21622 | GLOBAL | Cartesian | 52.23518 | 0.2 | 7.62787 | No | 52.23518 | 0.2 | 7.62787 |
| 21623 | GLOBAL | Cartesian | 52.42268 | 0.1 | 7.61662 | No | 52.42268 | 0.1 | 7.61662 |
| 21624 | GLOBAL | Cartesian | 52.42268 | 0.2 | 7.61662 | No | 52.42268 | 0.2 | 7.61662 |
| 21625 | GLOBAL | Cartesian | 52.61018 | 0.1 | 7.60537 | No | 52.61018 | 0.1 | 7.60537 |
| 21626 | GLOBAL | Cartesian | 52.61018 | 0.2 | 7.60537 | No | 52.61018 | 0.2 | 7.60537 |
| 21627 | GLOBAL | Cartesian | 52.79768 | 0.1 | 7.59412 | No | 52.79768 | 0.1 | 7.59412 |
| 21628 | GLOBAL | Cartesian | 52.79768 | 0.2 | 7.59412 | No | 52.79768 | 0.2 | 7.59412 |
| 21629 | GLOBAL | Cartesian | 52.98518 | 0.1 | 7.58287 | No | 52.98518 | 0.1 | 7.58287 |
| 21630 | GLOBAL | Cartesian | 52.98518 | 0.2 | 7.58287 | No | 52.98518 | 0.2 | 7.58287 |
| 21631 | GLOBAL | Cartesian | 53.17268 | 0.1 | 7.57162 | No | 53.17268 | 0.1 | 7.57162 |
| 21632 | GLOBAL | Cartesian | 53.17268 | 0.2 | 7.57162 | No | 53.17268 | 0.2 | 7.57162 |
| 21633 | GLOBAL | Cartesian | 53.36018 | 0.1 | 7.56037 | No | 53.36018 | 0.1 | 7.56037 |
| 21634 | GLOBAL | Cartesian | 53.36018 | 0.2 | 7.56037 | No | 53.36018 | 0.2 | 7.56037 |
| 21635 | GLOBAL | Cartesian | 53.54768 | 0.1 | 7.54912 | No | 53.54768 | 0.1 | 7.54912 |
| 21636 | GLOBAL | Cartesian | 53.54768 | 0.2 | 7.54912 | No | 53.54768 | 0.2 | 7.54912 |
| 21637 | GLOBAL | Cartesian | 53.73518 | 0.1 | 7.53787 | No | 53.73518 | 0.1 | 7.53787 |
| 21638 | GLOBAL | Cartesian | 53.73518 | 0.2 | 7.53787 | No | 53.73518 | 0.2 | 7.53787 |
| 21639 | GLOBAL | Cartesian | 53.92268 | 0.1 | 7.52662 | No | 53.92268 | 0.1 | 7.52662 |
| 21640 | GLOBAL | Cartesian | 53.92268 | 0.2 | 7.52662 | No | 53.92268 | 0.2 | 7.52662 |
| 21641 | GLOBAL | Cartesian | 47.92268 | -0.1 | 7.87218 | No | 47.92268 | -0.1 | 7.87218 |
| 21642 | GLOBAL | Cartesian | 47.92268 | -0.2 | 7.87218 | No | 47.92268 | -0.2 | 7.87218 |
| 21643 | GLOBAL | Cartesian | 48.11179 | -0.1 | 7.86176 | No | 48.11179 | -0.1 | 7.86176 |
| 21644 | GLOBAL | Cartesian | 48.11179 | -0.2 | 7.86176 | No | 48.11179 | -0.2 | 7.86176 |
| 21645 | GLOBAL | Cartesian | 48.29918 | -0.1 | 7.85142 | No | 48.29918 | -0.1 | 7.85142 |
| 21646 | GLOBAL | Cartesian | 48.29918 | -0.2 | 7.85142 | No | 48.29918 | -0.2 | 7.85142 |
| 21647 | GLOBAL | Cartesian | 48.48657 | -0.1 | 7.84107 | No | 48.48657 | -0.1 | 7.84107 |
| 21648 | GLOBAL | Cartesian | 48.48657 | -0.2 | 7.84107 | No | 48.48657 | -0.2 | 7.84107 |
| 21649 | GLOBAL | Cartesian | 48.67397 | -0.1 | 7.83073 | No | 48.67397 | -0.1 | 7.83073 |
| 21650 | GLOBAL | Cartesian | 48.67397 | -0.2 | 7.83073 | No | 48.67397 | -0.2 | 7.83073 |
| 21651 | GLOBAL | Cartesian | 48.86136 | -0.1 | 7.82039 | No | 48.86136 | -0.1 | 7.82039 |
| 21652 | GLOBAL | Cartesian | 48.86136 | -0.2 | 7.82039 | No | 48.86136 | -0.2 | 7.82039 |
| 21653 | GLOBAL | Cartesian | 49.04875 | -0.1 | 7.81004 | No | 49.04875 | -0.1 | 7.81004 |
| 21654 | GLOBAL | Cartesian | 49.04875 | -0.2 | 7.81004 | No | 49.04875 | -0.2 | 7.81004 |
| 21655 | GLOBAL | Cartesian | 49.23614 | -0.1 | 7.7997 | No | 49.23614 | -0.1 | 7.7997 |
| 21656 | GLOBAL | Cartesian | 49.23614 | -0.2 | 7.7997 | No | 49.23614 | -0.2 | 7.7997 |
| 21657 | GLOBAL | Cartesian | 49.42354 | -0.1 | 7.78936 | No | 49.42354 | -0.1 | 7.78936 |
| 21658 | GLOBAL | Cartesian | 49.42354 | -0.2 | 7.78936 | No | 49.42354 | -0.2 | 7.78936 |
| 21659 | GLOBAL | Cartesian | 49.61093 | -0.1 | 7.77902 | No | 49.61093 | -0.1 | 7.77902 |
| 21660 | GLOBAL | Cartesian | 49.61093 | -0.2 | 7.77902 | No | 49.61093 | -0.2 | 7.77902 |
| 21661 | GLOBAL | Cartesian | 49.79832 | -0.1 | 7.76867 | No | 49.79832 | -0.1 | 7.76867 |
| 21662 | GLOBAL | Cartesian | 49.79832 | -0.2 | 7.76867 | No | 49.79832 | -0.2 | 7.76867 |
| 21663 | GLOBAL | Cartesian | 49.98572 | -0.1 | 7.75833 | No | 49.98572 | -0.1 | 7.75833 |
| 21664 | GLOBAL | Cartesian | 49.98572 | -0.2 | 7.75833 | No | 49.98572 | -0.2 | 7.75833 |
| 21665 | GLOBAL | Cartesian | 50.17311 | -0.1 | 7.74799 | No | 50.17311 | -0.1 | 7.74799 |
| 21666 | GLOBAL | Cartesian | 50.17311 | -0.2 | 7.74799 | No | 50.17311 | -0.2 | 7.74799 |
| 21667 | GLOBAL | Cartesian | 50.3605 | -0.1 | 7.73764 | No | 50.3605 | -0.1 | 7.73764 |
| 21668 | GLOBAL | Cartesian | 50.3605 | -0.2 | 7.73764 | No | 50.3605 | -0.2 | 7.73764 |
| 21669 | GLOBAL | Cartesian | 50.54789 | -0.1 | 7.7273 | No | 50.54789 | -0.1 | 7.7273 |
| 21670 | GLOBAL | Cartesian | 50.54789 | -0.2 | 7.7273 | No | 50.54789 | -0.2 | 7.7273 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21671 | GLOBAL | Cartesian | 50.73529 | -0.1 | 7.71696 | No | 50.73529 | -0.1 | 7.71696 |
| 21672 | GLOBAL | Cartesian | 50.73529 | -0.2 | 7.71696 | No | 50.73529 | -0.2 | 7.71696 |
| 21673 | GLOBAL | Cartesian | 50.92268 | -0.1 | 7.70662 | No | 50.92268 | -0.1 | 7.70662 |
| 21674 | GLOBAL | Cartesian | 50.92268 | -0.2 | 7.70662 | No | 50.92268 | -0.2 | 7.70662 |
| 21675 | GLOBAL | Cartesian | 51.11018 | -0.1 | 7.69537 | No | 51.11018 | -0.1 | 7.69537 |
| 21676 | GLOBAL | Cartesian | 51.11018 | -0.2 | 7.69537 | No | 51.11018 | -0.2 | 7.69537 |
| 21677 | GLOBAL | Cartesian | 51.29768 | -0.1 | 7.68412 | No | 51.29768 | -0.1 | 7.68412 |
| 21678 | GLOBAL | Cartesian | 51.29768 | -0.2 | 7.68412 | No | 51.29768 | -0.2 | 7.68412 |
| 21679 | GLOBAL | Cartesian | 51.48518 | -0.1 | 7.67287 | No | 51.48518 | -0.1 | 7.67287 |
| 21680 | GLOBAL | Cartesian | 51.48518 | -0.2 | 7.67287 | No | 51.48518 | -0.2 | 7.67287 |
| 21681 | GLOBAL | Cartesian | 51.67268 | -0.1 | 7.66162 | No | 51.67268 | -0.1 | 7.66162 |
| 21682 | GLOBAL | Cartesian | 51.67268 | -0.2 | 7.66162 | No | 51.67268 | -0.2 | 7.66162 |
| 21683 | GLOBAL | Cartesian | 51.86018 | -0.1 | 7.65037 | No | 51.86018 | -0.1 | 7.65037 |
| 21684 | GLOBAL | Cartesian | 51.86018 | -0.2 | 7.65037 | No | 51.86018 | -0.2 | 7.65037 |
| 21685 | GLOBAL | Cartesian | 52.04768 | -0.1 | 7.63912 | No | 52.04768 | -0.1 | 7.63912 |
| 21686 | GLOBAL | Cartesian | 52.04768 | -0.2 | 7.63912 | No | 52.04768 | -0.2 | 7.63912 |
| 21687 | GLOBAL | Cartesian | 52.23518 | -0.1 | 7.62787 | No | 52.23518 | -0.1 | 7.62787 |
| 21688 | GLOBAL | Cartesian | 52.23518 | -0.2 | 7.62787 | No | 52.23518 | -0.2 | 7.62787 |
| 21689 | GLOBAL | Cartesian | 52.42268 | -0.1 | 7.61662 | No | 52.42268 | -0.1 | 7.61662 |
| 21690 | GLOBAL | Cartesian | 52.42268 | -0.2 | 7.61662 | No | 52.42268 | -0.2 | 7.61662 |
| 21691 | GLOBAL | Cartesian | 52.61018 | -0.1 | 7.60537 | No | 52.61018 | -0.1 | 7.60537 |
| 21692 | GLOBAL | Cartesian | 52.61018 | -0.2 | 7.60537 | No | 52.61018 | -0.2 | 7.60537 |
| 21693 | GLOBAL | Cartesian | 52.79768 | -0.1 | 7.59412 | No | 52.79768 | -0.1 | 7.59412 |
| 21694 | GLOBAL | Cartesian | 52.79768 | -0.2 | 7.59412 | No | 52.79768 | -0.2 | 7.59412 |
| 21695 | GLOBAL | Cartesian | 52.98518 | -0.1 | 7.58287 | No | 52.98518 | -0.1 | 7.58287 |
| 21696 | GLOBAL | Cartesian | 52.98518 | -0.2 | 7.58287 | No | 52.98518 | -0.2 | 7.58287 |
| 21697 | GLOBAL | Cartesian | 53.17268 | -0.1 | 7.57162 | No | 53.17268 | -0.1 | 7.57162 |
| 21698 | GLOBAL | Cartesian | 53.17268 | -0.2 | 7.57162 | No | 53.17268 | -0.2 | 7.57162 |
| 21699 | GLOBAL | Cartesian | 53.36018 | -0.1 | 7.56037 | No | 53.36018 | -0.1 | 7.56037 |
| 21700 | GLOBAL | Cartesian | 53.36018 | -0.2 | 7.56037 | No | 53.36018 | -0.2 | 7.56037 |
| 21701 | GLOBAL | Cartesian | 53.54768 | -0.1 | 7.54912 | No | 53.54768 | -0.1 | 7.54912 |
| 21702 | GLOBAL | Cartesian | 53.54768 | -0.2 | 7.54912 | No | 53.54768 | -0.2 | 7.54912 |
| 21703 | GLOBAL | Cartesian | 53.73518 | -0.1 | 7.53787 | No | 53.73518 | -0.1 | 7.53787 |
| 21704 | GLOBAL | Cartesian | 53.73518 | -0.2 | 7.53787 | No | 53.73518 | -0.2 | 7.53787 |
| 21705 | GLOBAL | Cartesian | 53.92268 | -0.1 | 7.52662 | No | 53.92268 | -0.1 | 7.52662 |
| 21706 | GLOBAL | Cartesian | 53.92268 | -0.2 | 7.52662 | No | 53.92268 | -0.2 | 7.52662 |
| 21707 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 11.44246 | No | 30.12272 | 1.592E-16 | 11.44246 |
| 21708 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 11.24149 | No | 30.12272 | 1.592E-16 | 11.24149 |
| 21709 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 11.42274 | No | 29.92272 | 1.837E-16 | 11.42274 |
| 21710 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 11.22177 | No | 29.92272 | 1.837E-16 | 11.22177 |
| 21711 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 11.40303 | No | 29.72272 | 2.082E-16 | 11.40303 |
| 21712 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 11.20206 | No | 29.72272 | 2.082E-16 | 11.20206 |
| 21713 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.003 | No | 30.12272 | 1.592E-16 | 9.003 |
| 21714 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.00111 | No | 29.92272 | 1.837E-16 | 9.00111 |
| 21715 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 8.28784 | No | 29.92272 | 1.837E-16 | 8.28784 |
| 21716 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 8.28784 | No | 30.12272 | 1.592E-16 | 8.28784 |
| 21717 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 8.99921 | No | 29.72272 | 2.082E-16 | 8.99921 |
| 21718 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 8.2861 | No | 29.72272 | 2.082E-16 | 8.2861 |
| 21719 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 11.14671 | No | 27.12272 | 5.266E-16 | 11.14671 |
| 21720 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 10.94574 | No | 27.12272 | 5.266E-16 | 10.94574 |
| 21721 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 11.127 | No | 26.92272 | 5.511E-16 | 11.127 |
| 21722 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.92603 | No | 26.92272 | 5.511E-16 | 10.92603 |
| 21723 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 11.10728 | No | 26.72272 | 5.756E-16 | 11.10728 |
| 21724 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.90631 | No | 26.72272 | 5.756E-16 | 10.90631 |
| 21725 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.85097 | No | 24.12272 | 8.94E-16 | 10.85097 |
| 21726 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.65 | No | 24.12272 | 8.94E-16 | 10.65 |
| 21727 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.83125 | No | 23.92272 | 9.185E-16 | 10.83125 |
| 21728 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.63028 | No | 23.92272 | 9.185E-16 | 10.63028 |
| 21729 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.81143 | No | 23.72163 | 9.431E-16 | 10.81143 |
| 21730 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.61046 | No | 23.72163 | 9.431E-16 | 10.61046 |
| 21731 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.55524 | No | 21.12293 | 1.261E-15 | 10.55524 |
| 21732 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.35427 | No | 21.12293 | 1.261E-15 | 10.35427 |
| 21733 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.5355 | No | 20.92272 | 1.286E-15 | 10.5355 |
| 21734 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.33453 | No | 20.92272 | 1.286E-15 | 10.33453 |
| 21735 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.51575 | No | 20.72238 | 1.31E-15 | 10.51575 |
| 21736 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.31478 | No | 20.72238 | 1.31E-15 | 10.31478 |
| 21737 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 10.25949 | No | 18.12292 | 1.629E-15 | 10.25949 |
| 21738 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 10.05852 | No | 18.12292 | 1.629E-15 | 10.05852 |
| 21739 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 10.23976 | No | 17.92272 | 1.653E-15 | 10.23976 |
| 21740 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 10.03879 | No | 17.92272 | 1.653E-15 | 10.03879 |
| 21741 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 10.22004 | No | 17.72272 | 1.678E-15 | 10.22004 |
| 21742 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 10.01907 | No | 17.72272 | 1.678E-15 | 10.01907 |
| 21743 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.96375 | No | 15.12292 | 1.996E-15 | 9.96375 |
| 21744 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.76278 | No | 15.12292 | 1.996E-15 | 9.76278 |
| 21745 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.94401 | No | 14.92272 | 2.021E-15 | 9.94401 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21746 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.74304 | No | 14.92272 | 2.021E-15 | 9.74304 |
| 21747 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.64826 | No | 11.92272 | 2.388E-15 | 9.64826 |
| 21748 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.44729 | No | 11.92272 | 2.388E-15 | 9.44729 |
| 21749 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.35252 | No | 8.92272 | 2.755E-15 | 9.35252 |
| 21750 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.15155 | No | 8.92272 | 2.755E-15 | 9.15155 |
| 21751 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 8.9702 | No | 26.92272 | 5.511E-16 | 8.9702 |
| 21752 | GLOBAL | Cartesian | 27.12267 | 5.266E-16 | 8.97351 | No | 27.12267 | 5.266E-16 | 8.97351 |
| 21753 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 8.96688 | No | 26.72272 | 5.756E-16 | 8.96688 |
| 21754 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 8.91455 | No | 23.92272 | 9.185E-16 | 8.91455 |
| 21755 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 8.91971 | No | 24.12272 | 8.94E-16 | 8.91971 |
| 21756 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 8.90936 | No | 23.72163 | 9.431E-16 | 8.90936 |
| 21757 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 8.83154 | No | 20.92272 | 1.286E-15 | 8.83154 |
| 21758 | GLOBAL | Cartesian | 21.12268 | 1.261E-15 | 8.83854 | No | 21.12268 | 1.261E-15 | 8.83854 |
| 21759 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 8.82452 | No | 20.72238 | 1.31E-15 | 8.82452 |
| 21760 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.72113 | No | 17.92272 | 1.653E-15 | 8.72113 |
| 21761 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.73 | No | 18.12292 | 1.629E-15 | 8.73 |
| 21762 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.71228 | No | 17.72272 | 1.678E-15 | 8.71228 |
| 21763 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.58598 | No | 14.92272 | 2.021E-15 | 8.58598 |
| 21764 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.5952 | No | 15.12292 | 1.996E-15 | 8.5952 |
| 21765 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 8.25958 | No | 26.92272 | 5.511E-16 | 8.25958 |
| 21766 | GLOBAL | Cartesian | 27.1227 | 5.266E-16 | 8.26147 | No | 27.1227 | 5.266E-16 | 8.26147 |
| 21767 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 8.25599 | No | 26.72272 | 5.756E-16 | 8.25599 |
| 21768 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 8.20389 | No | 23.92272 | 9.185E-16 | 8.20389 |
| 21769 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 8.20761 | No | 24.12272 | 8.94E-16 | 8.20761 |
| 21770 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 8.19843 | No | 23.72163 | 9.431E-16 | 8.19843 |
| 21771 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 8.12078 | No | 20.92272 | 1.286E-15 | 8.12078 |
| 21772 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 8.12633 | No | 21.12293 | 1.261E-15 | 8.12633 |
| 21773 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 8.11348 | No | 20.72238 | 1.31E-15 | 8.11348 |
| 21774 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.00107 | No | 17.72272 | 1.678E-15 | 8.00107 |
| 21775 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.01022 | No | 17.92272 | 1.653E-15 | 8.01022 |
| 21776 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.0176 | No | 18.12292 | 1.629E-15 | 8.0176 |
| 21777 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 7.87218 | No | 14.92272 | 2.021E-15 | 7.87218 |
| 21778 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 7.8814 | No | 15.12292 | 1.996E-15 | 7.8814 |
| 21779 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.44789 | No | 11.92272 | 2.388E-15 | 8.44789 |
| 21780 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 7.70662 | No | 11.92272 | 2.388E-15 | 7.70662 |
| 21782 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.30979 | No | 8.92272 | 2.755E-15 | 8.30979 |
| 21783 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 7.52662 | No | 8.92272 | 2.755E-15 | 7.52662 |
| 21784 | GLOBAL | Cartesian | 29.10472 | 2.839E-16 | 8.99336 | No | 29.10472 | 2.839E-16 | 8.99336 |
| 21785 | GLOBAL | Cartesian | 29.10472 | 2.839E-16 | 8.28025 | No | 29.10472 | 2.839E-16 | 8.28025 |
| 21786 | GLOBAL | Cartesian | 26.03468 | 6.598E-16 | 8.95549 | No | 26.03468 | 6.598E-16 | 8.95549 |
| 21787 | GLOBAL | Cartesian | 26.03468 | 6.598E-16 | 8.24319 | No | 26.03468 | 6.598E-16 | 8.24319 |
| 21788 | GLOBAL | Cartesian | 22.95715 | 1.037E-15 | 8.88964 | No | 22.95715 | 1.037E-15 | 8.88964 |
| 21789 | GLOBAL | Cartesian | 22.95715 | 1.037E-15 | 8.17722 | No | 22.95715 | 1.037E-15 | 8.17722 |
| 21790 | GLOBAL | Cartesian | 19.87938 | 1.414E-15 | 8.79499 | No | 19.87938 | 1.414E-15 | 8.79499 |
| 21791 | GLOBAL | Cartesian | 19.87938 | 1.414E-15 | 8.08239 | No | 19.87938 | 1.414E-15 | 8.08239 |
| 21792 | GLOBAL | Cartesian | 16.78976 | 1.792E-15 | 8.67097 | No | 16.78976 | 1.792E-15 | 8.67097 |
| 21793 | GLOBAL | Cartesian | 16.78976 | 1.792E-15 | 7.95812 | No | 16.78976 | 1.792E-15 | 7.95812 |
| 21794 | GLOBAL | Cartesian | 27.36314 | 4.971E-16 | 10.96944 | No | 27.36314 | 4.971E-16 | 10.96944 |
| 21795 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 10.64909 | No | 27.12272 | 5.266E-16 | 10.64909 |
| 21796 | GLOBAL | Cartesian | 24.39653 | 8.604E-16 | 10.67699 | No | 24.39653 | 8.604E-16 | 10.67699 |
| 21797 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.38222 | No | 24.12272 | 8.94E-16 | 10.38222 |
| 21798 | GLOBAL | Cartesian | 21.43405 | 1.223E-15 | 10.38494 | No | 21.43405 | 1.223E-15 | 10.38494 |
| 21799 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.11163 | No | 21.12293 | 1.261E-15 | 10.11163 |
| 21800 | GLOBAL | Cartesian | 18.47634 | 1.585E-15 | 10.09336 | No | 18.47634 | 1.585E-15 | 10.09336 |
| 21801 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.83803 | No | 18.12292 | 1.629E-15 | 9.83803 |
| 21802 | GLOBAL | Cartesian | 15.51979 | 1.947E-15 | 9.8019 | No | 15.51979 | 1.947E-15 | 9.8019 |
| 21803 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.56027 | No | 15.12292 | 1.996E-15 | 9.56027 |
| 21804 | GLOBAL | Cartesian | 30.39575 | 1.258E-16 | 11.20438 | No | 30.39575 | 1.258E-16 | 11.20438 |
| 21805 | GLOBAL | Cartesian | 30.33374 | 1.334E-16 | 11.26229 | No | 30.33374 | 1.334E-16 | 11.26229 |
| 21806 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 10.91205 | No | 30.12272 | 1.592E-16 | 10.91205 |
| 21807 | GLOBAL | Cartesian | 31.12971 | 3.588E-17 | 9.97156 | No | 31.12971 | 3.588E-17 | 9.97156 |
| 21808 | GLOBAL | Cartesian | 30.68439 | 9.041E-17 | 9.00832 | No | 30.68439 | 9.041E-17 | 9.00832 |
| 21809 | GLOBAL | Cartesian | 30.69121 | 8.958E-17 | 8.28784 | No | 30.69121 | 8.958E-17 | 8.28784 |
| 21810 | GLOBAL | Cartesian | 31.23701 | 2.274E-17 | 11.55231 | No | 31.23701 | 2.274E-17 | 11.55231 |
| 21811 | GLOBAL | Cartesian | 31.23701 | 2.274E-17 | 11.45182 | No | 31.23701 | 2.274E-17 | 11.45182 |
| 21812 | GLOBAL | Cartesian | 31.23701 | 2.274E-17 | 11.35134 | No | 31.23701 | 2.274E-17 | 11.35134 |
| 21813 | GLOBAL | Cartesian | 31.05129 | 4.548E-17 | 11.534 | No | 31.05129 | 4.548E-17 | 11.534 |
| 21814 | GLOBAL | Cartesian | 31.05129 | 4.548E-17 | 11.43352 | No | 31.05129 | 4.548E-17 | 11.43352 |
| 21815 | GLOBAL | Cartesian | 31.05129 | 4.548E-17 | 11.33303 | No | 31.05129 | 4.548E-17 | 11.33303 |
| 21816 | GLOBAL | Cartesian | 30.86558 | 6.823E-17 | 11.51569 | No | 30.86558 | 6.823E-17 | 11.51569 |
| 21817 | GLOBAL | Cartesian | 30.86558 | 6.823E-17 | 11.41521 | No | 30.86558 | 6.823E-17 | 11.41521 |
| 21818 | GLOBAL | Cartesian | 30.86558 | 6.823E-17 | 11.31472 | No | 30.86558 | 6.823E-17 | 11.31472 |
| 21819 | GLOBAL | Cartesian | 30.67986 | 9.097E-17 | 11.49738 | No | 30.67986 | 9.097E-17 | 11.49738 |
| 21820 | GLOBAL | Cartesian | 30.67986 | 9.097E-17 | 11.3969 | No | 30.67986 | 9.097E-17 | 11.3969 |
| 21821 | GLOBAL | Cartesian | 30.67986 | 9.097E-17 | 11.29641 | No | 30.67986 | 9.097E-17 | 11.29641 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21822 | GLOBAL | Cartesian | 30.49415 | 1.137E-16 | 11.47908 | No | 30.49415 | 1.137E-16 | 11.47908 |
| 21823 | GLOBAL | Cartesian | 30.49415 | 1.137E-16 | 11.37859 | No | 30.49415 | 1.137E-16 | 11.37859 |
| 21824 | GLOBAL | Cartesian | 30.49415 | 1.137E-16 | 11.27811 | No | 30.49415 | 1.137E-16 | 11.27811 |
| 21825 | GLOBAL | Cartesian | 30.30844 | 1.365E-16 | 11.46077 | No | 30.30844 | 1.365E-16 | 11.46077 |
| 21826 | GLOBAL | Cartesian | 30.30844 | 1.365E-16 | 11.36028 | No | 30.30844 | 1.365E-16 | 11.36028 |
| 21827 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 11.34197 | No | 30.12272 | 1.592E-16 | 11.34197 |
| 21828 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 11.4326 | No | 30.02272 | 1.714E-16 | 11.4326 |
| 21829 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 11.33212 | No | 30.02272 | 1.714E-16 | 11.33212 |
| 21830 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 11.23163 | No | 30.02272 | 1.714E-16 | 11.23163 |
| 21831 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 11.32226 | No | 29.92272 | 1.837E-16 | 11.32226 |
| 21832 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 11.41288 | No | 29.82272 | 1.959E-16 | 11.41288 |
| 21833 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 11.3124 | No | 29.82272 | 1.959E-16 | 11.3124 |
| 21834 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 11.21192 | No | 29.82272 | 1.959E-16 | 11.21192 |
| 21835 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 11.30254 | No | 29.72272 | 2.082E-16 | 11.30254 |
| 21836 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 8.82279 | No | 29.92272 | 1.837E-16 | 8.82279 |
| 21837 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 8.82421 | No | 30.12272 | 1.592E-16 | 8.82421 |
| 21838 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 8.64447 | No | 29.92272 | 1.837E-16 | 8.64447 |
| 21839 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 8.64542 | No | 30.12272 | 1.592E-16 | 8.64542 |
| 21840 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 8.46616 | No | 29.92272 | 1.837E-16 | 8.46616 |
| 21841 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 8.46663 | No | 30.12272 | 1.592E-16 | 8.46663 |
| 21842 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 8.82093 | No | 29.72272 | 2.082E-16 | 8.82093 |
| 21843 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 8.64266 | No | 29.72272 | 2.082E-16 | 8.64266 |
| 21844 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 8.46438 | No | 29.72272 | 2.082E-16 | 8.46438 |
| 21845 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 11.03672 | No | 29.92272 | 1.837E-16 | 11.03672 |
| 21846 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 11.04583 | No | 30.02272 | 1.714E-16 | 11.04583 |
| 21847 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 10.85166 | No | 29.92272 | 1.837E-16 | 10.85166 |
| 21848 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 10.86004 | No | 30.02272 | 1.714E-16 | 10.86004 |
| 21849 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 10.66661 | No | 29.92272 | 1.837E-16 | 10.66661 |
| 21850 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 10.67424 | No | 30.02272 | 1.714E-16 | 10.67424 |
| 21851 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 10.68187 | No | 30.12272 | 1.592E-16 | 10.68187 |
| 21852 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 10.48155 | No | 29.92272 | 1.837E-16 | 10.48155 |
| 21853 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 10.48844 | No | 30.02272 | 1.714E-16 | 10.48844 |
| 21854 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 10.49533 | No | 30.12272 | 1.592E-16 | 10.49533 |
| 21855 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 10.2965 | No | 29.92272 | 1.837E-16 | 10.2965 |
| 21856 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 10.30264 | No | 30.02272 | 1.714E-16 | 10.30264 |
| 21857 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 10.30879 | No | 30.12272 | 1.592E-16 | 10.30879 |
| 21858 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 10.11144 | No | 29.92272 | 1.837E-16 | 10.11144 |
| 21859 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 10.11684 | No | 30.02272 | 1.714E-16 | 10.11684 |
| 21860 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 10.12225 | No | 30.12272 | 1.592E-16 | 10.12225 |
| 21861 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.92638 | No | 29.92272 | 1.837E-16 | 9.92638 |
| 21862 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.93104 | No | 30.02272 | 1.714E-16 | 9.93104 |
| 21863 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.9357 | No | 30.12272 | 1.592E-16 | 9.9357 |
| 21864 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.74133 | No | 29.92272 | 1.837E-16 | 9.74133 |
| 21865 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.74525 | No | 30.02272 | 1.714E-16 | 9.74525 |
| 21866 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.74916 | No | 30.12272 | 1.592E-16 | 9.74916 |
| 21867 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.55627 | No | 29.92272 | 1.837E-16 | 9.55627 |
| 21868 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.55945 | No | 30.02272 | 1.714E-16 | 9.55945 |
| 21869 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.56262 | No | 30.12272 | 1.592E-16 | 9.56262 |
| 21870 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.37122 | No | 29.92272 | 1.837E-16 | 9.37122 |
| 21871 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.37365 | No | 30.02272 | 1.714E-16 | 9.37365 |
| 21872 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.37608 | No | 30.12272 | 1.592E-16 | 9.37608 |
| 21873 | GLOBAL | Cartesian | 29.92272 | 1.837E-16 | 9.18616 | No | 29.92272 | 1.837E-16 | 9.18616 |
| 21874 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.18785 | No | 30.02272 | 1.714E-16 | 9.18785 |
| 21875 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 9.18954 | No | 30.12272 | 1.592E-16 | 9.18954 |
| 21876 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 9.00205 | No | 30.02272 | 1.714E-16 | 9.00205 |
| 21877 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 11.0276 | No | 29.82272 | 1.959E-16 | 11.0276 |
| 21878 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 10.84329 | No | 29.82272 | 1.959E-16 | 10.84329 |
| 21879 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 10.65898 | No | 29.82272 | 1.959E-16 | 10.65898 |
| 21880 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 10.47466 | No | 29.82272 | 1.959E-16 | 10.47466 |
| 21881 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 10.29035 | No | 29.82272 | 1.959E-16 | 10.29035 |
| 21882 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 10.10604 | No | 29.82272 | 1.959E-16 | 10.10604 |
| 21883 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.92172 | No | 29.82272 | 1.959E-16 | 9.92172 |
| 21884 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.73741 | No | 29.82272 | 1.959E-16 | 9.73741 |
| 21885 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.5531 | No | 29.82272 | 1.959E-16 | 9.5531 |
| 21886 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.36879 | No | 29.82272 | 1.959E-16 | 9.36879 |
| 21887 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.18447 | No | 29.82272 | 1.959E-16 | 9.18447 |
| 21888 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 9.00016 | No | 29.82272 | 1.959E-16 | 9.00016 |
| 21889 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 11.01849 | No | 29.72272 | 2.082E-16 | 11.01849 |
| 21890 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 10.83492 | No | 29.72272 | 2.082E-16 | 10.83492 |
| 21891 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 10.65135 | No | 29.72272 | 2.082E-16 | 10.65135 |
| 21892 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 10.46778 | No | 29.72272 | 2.082E-16 | 10.46778 |
| 21893 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 10.2842 | No | 29.72272 | 2.082E-16 | 10.2842 |
| 21894 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 10.10063 | No | 29.72272 | 2.082E-16 | 10.10063 |
| 21895 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 9.91706 | No | 29.72272 | 2.082E-16 | 9.91706 |
| 21896 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 9.73349 | No | 29.72272 | 2.082E-16 | 9.73349 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21897 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 9.54992 | No | 29.72272 | 2.082E-16 | 9.54992 |
| 21898 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 9.36635 | No | 29.72272 | 2.082E-16 | 9.36635 |
| 21899 | GLOBAL | Cartesian | 29.72272 | 2.082E-16 | 9.18278 | No | 29.72272 | 2.082E-16 | 9.18278 |
| 21900 | GLOBAL | Cartesian | 29.53701 | 2.309E-16 | 11.38472 | No | 29.53701 | 2.309E-16 | 11.38472 |
| 21901 | GLOBAL | Cartesian | 29.53701 | 2.309E-16 | 11.28423 | No | 29.53701 | 2.309E-16 | 11.28423 |
| 21902 | GLOBAL | Cartesian | 29.53701 | 2.309E-16 | 11.18375 | No | 29.53701 | 2.309E-16 | 11.18375 |
| 21903 | GLOBAL | Cartesian | 29.35129 | 2.537E-16 | 11.36641 | No | 29.35129 | 2.537E-16 | 11.36641 |
| 21904 | GLOBAL | Cartesian | 29.35129 | 2.537E-16 | 11.26593 | No | 29.35129 | 2.537E-16 | 11.26593 |
| 21905 | GLOBAL | Cartesian | 29.35129 | 2.537E-16 | 11.16544 | No | 29.35129 | 2.537E-16 | 11.16544 |
| 21906 | GLOBAL | Cartesian | 29.16558 | 2.764E-16 | 11.3481 | No | 29.16558 | 2.764E-16 | 11.3481 |
| 21907 | GLOBAL | Cartesian | 29.16558 | 2.764E-16 | 11.24762 | No | 29.16558 | 2.764E-16 | 11.24762 |
| 21908 | GLOBAL | Cartesian | 29.16558 | 2.764E-16 | 11.14713 | No | 29.16558 | 2.764E-16 | 11.14713 |
| 21909 | GLOBAL | Cartesian | 28.97986 | 2.992E-16 | 11.32979 | No | 28.97986 | 2.992E-16 | 11.32979 |
| 21910 | GLOBAL | Cartesian | 28.97986 | 2.992E-16 | 11.22931 | No | 28.97986 | 2.992E-16 | 11.22931 |
| 21911 | GLOBAL | Cartesian | 28.97986 | 2.992E-16 | 11.12882 | No | 28.97986 | 2.992E-16 | 11.12882 |
| 21912 | GLOBAL | Cartesian | 28.79415 | 3.219E-16 | 11.31149 | No | 28.79415 | 3.219E-16 | 11.31149 |
| 21913 | GLOBAL | Cartesian | 28.79415 | 3.219E-16 | 11.211 | No | 28.79415 | 3.219E-16 | 11.211 |
| 21914 | GLOBAL | Cartesian | 28.79415 | 3.219E-16 | 11.11052 | No | 28.79415 | 3.219E-16 | 11.11052 |
| 21915 | GLOBAL | Cartesian | 28.60844 | 3.446E-16 | 11.29318 | No | 28.60844 | 3.446E-16 | 11.29318 |
| 21916 | GLOBAL | Cartesian | 28.60844 | 3.446E-16 | 11.19269 | No | 28.60844 | 3.446E-16 | 11.19269 |
| 21917 | GLOBAL | Cartesian | 28.60844 | 3.446E-16 | 11.09221 | No | 28.60844 | 3.446E-16 | 11.09221 |
| 21918 | GLOBAL | Cartesian | 28.42272 | 3.674E-16 | 11.27487 | No | 28.42272 | 3.674E-16 | 11.27487 |
| 21919 | GLOBAL | Cartesian | 28.42272 | 3.674E-16 | 11.17439 | No | 28.42272 | 3.674E-16 | 11.17439 |
| 21920 | GLOBAL | Cartesian | 28.42272 | 3.674E-16 | 11.0739 | No | 28.42272 | 3.674E-16 | 11.0739 |
| 21921 | GLOBAL | Cartesian | 28.23701 | 3.901E-16 | 11.25656 | No | 28.23701 | 3.901E-16 | 11.25656 |
| 21922 | GLOBAL | Cartesian | 28.23701 | 3.901E-16 | 11.15608 | No | 28.23701 | 3.901E-16 | 11.15608 |
| 21923 | GLOBAL | Cartesian | 28.23701 | 3.901E-16 | 11.05559 | No | 28.23701 | 3.901E-16 | 11.05559 |
| 21924 | GLOBAL | Cartesian | 28.05129 | 4.129E-16 | 11.23825 | No | 28.05129 | 4.129E-16 | 11.23825 |
| 21925 | GLOBAL | Cartesian | 28.05129 | 4.129E-16 | 11.13777 | No | 28.05129 | 4.129E-16 | 11.13777 |
| 21926 | GLOBAL | Cartesian | 28.05129 | 4.129E-16 | 11.03728 | No | 28.05129 | 4.129E-16 | 11.03728 |
| 21927 | GLOBAL | Cartesian | 27.86558 | 4.356E-16 | 11.21995 | No | 27.86558 | 4.356E-16 | 11.21995 |
| 21928 | GLOBAL | Cartesian | 27.86558 | 4.356E-16 | 11.11946 | No | 27.86558 | 4.356E-16 | 11.11946 |
| 21929 | GLOBAL | Cartesian | 27.86558 | 4.356E-16 | 11.01898 | No | 27.86558 | 4.356E-16 | 11.01898 |
| 21930 | GLOBAL | Cartesian | 27.67986 | 4.584E-16 | 11.20164 | No | 27.67986 | 4.584E-16 | 11.20164 |
| 21931 | GLOBAL | Cartesian | 27.67986 | 4.584E-16 | 11.10115 | No | 27.67986 | 4.584E-16 | 11.10115 |
| 21932 | GLOBAL | Cartesian | 27.67986 | 4.584E-16 | 11.00067 | No | 27.67986 | 4.584E-16 | 11.00067 |
| 21933 | GLOBAL | Cartesian | 27.49415 | 4.811E-16 | 11.18333 | No | 27.49415 | 4.811E-16 | 11.18333 |
| 21934 | GLOBAL | Cartesian | 27.49415 | 4.811E-16 | 11.08284 | No | 27.49415 | 4.811E-16 | 11.08284 |
| 21935 | GLOBAL | Cartesian | 27.49415 | 4.811E-16 | 10.98236 | No | 27.49415 | 4.811E-16 | 10.98236 |
| 21936 | GLOBAL | Cartesian | 27.30844 | 5.038E-16 | 11.16502 | No | 27.30844 | 5.038E-16 | 11.16502 |
| 21937 | GLOBAL | Cartesian | 27.30844 | 5.038E-16 | 11.06454 | No | 27.30844 | 5.038E-16 | 11.06454 |
| 21938 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 11.04623 | No | 27.12272 | 5.266E-16 | 11.04623 |
| 21939 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 11.13685 | No | 27.02272 | 5.388E-16 | 11.13685 |
| 21940 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 11.03637 | No | 27.02272 | 5.388E-16 | 11.03637 |
| 21941 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 10.93589 | No | 27.02272 | 5.388E-16 | 10.93589 |
| 21942 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 11.02651 | No | 26.92272 | 5.511E-16 | 11.02651 |
| 21943 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 11.11714 | No | 26.82272 | 5.633E-16 | 11.11714 |
| 21944 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 11.01665 | No | 26.82272 | 5.633E-16 | 11.01665 |
| 21945 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.91617 | No | 26.82272 | 5.633E-16 | 10.91617 |
| 21946 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 11.0068 | No | 26.72272 | 5.756E-16 | 11.0068 |
| 21947 | GLOBAL | Cartesian | 26.53701 | 5.983E-16 | 11.08897 | No | 26.53701 | 5.983E-16 | 11.08897 |
| 21948 | GLOBAL | Cartesian | 26.53701 | 5.983E-16 | 10.98849 | No | 26.53701 | 5.983E-16 | 10.98849 |
| 21949 | GLOBAL | Cartesian | 26.53701 | 5.983E-16 | 10.888 | No | 26.53701 | 5.983E-16 | 10.888 |
| 21950 | GLOBAL | Cartesian | 26.35129 | 6.21E-16 | 11.07066 | No | 26.35129 | 6.21E-16 | 11.07066 |
| 21951 | GLOBAL | Cartesian | 26.35129 | 6.21E-16 | 10.97018 | No | 26.35129 | 6.21E-16 | 10.97018 |
| 21952 | GLOBAL | Cartesian | 26.35129 | 6.21E-16 | 10.86969 | No | 26.35129 | 6.21E-16 | 10.86969 |
| 21953 | GLOBAL | Cartesian | 26.16558 | 6.438E-16 | 11.05236 | No | 26.16558 | 6.438E-16 | 11.05236 |
| 21954 | GLOBAL | Cartesian | 26.16558 | 6.438E-16 | 10.95187 | No | 26.16558 | 6.438E-16 | 10.95187 |
| 21955 | GLOBAL | Cartesian | 26.16558 | 6.438E-16 | 10.85139 | No | 26.16558 | 6.438E-16 | 10.85139 |
| 21956 | GLOBAL | Cartesian | 25.97986 | 6.665E-16 | 11.03405 | No | 25.97986 | 6.665E-16 | 11.03405 |
| 21957 | GLOBAL | Cartesian | 25.97986 | 6.665E-16 | 10.93356 | No | 25.97986 | 6.665E-16 | 10.93356 |
| 21958 | GLOBAL | Cartesian | 25.97986 | 6.665E-16 | 10.83308 | No | 25.97986 | 6.665E-16 | 10.83308 |
| 21959 | GLOBAL | Cartesian | 25.79415 | 6.893E-16 | 11.01574 | No | 25.79415 | 6.893E-16 | 11.01574 |
| 21960 | GLOBAL | Cartesian | 25.79415 | 6.893E-16 | 10.91525 | No | 25.79415 | 6.893E-16 | 10.91525 |
| 21961 | GLOBAL | Cartesian | 25.79415 | 6.893E-16 | 10.81477 | No | 25.79415 | 6.893E-16 | 10.81477 |
| 21962 | GLOBAL | Cartesian | 25.60844 | 7.12E-16 | 10.99743 | No | 25.60844 | 7.12E-16 | 10.99743 |
| 21963 | GLOBAL | Cartesian | 25.60844 | 7.12E-16 | 10.89695 | No | 25.60844 | 7.12E-16 | 10.89695 |
| 21964 | GLOBAL | Cartesian | 25.60844 | 7.12E-16 | 10.79646 | No | 25.60844 | 7.12E-16 | 10.79646 |
| 21965 | GLOBAL | Cartesian | 25.42272 | 7.348E-16 | 10.97912 | No | 25.42272 | 7.348E-16 | 10.97912 |
| 21966 | GLOBAL | Cartesian | 25.42272 | 7.348E-16 | 10.87864 | No | 25.42272 | 7.348E-16 | 10.87864 |
| 21967 | GLOBAL | Cartesian | 25.42272 | 7.348E-16 | 10.77815 | No | 25.42272 | 7.348E-16 | 10.77815 |
| 21968 | GLOBAL | Cartesian | 25.23701 | 7.575E-16 | 10.96082 | No | 25.23701 | 7.575E-16 | 10.96082 |
| 21969 | GLOBAL | Cartesian | 25.23701 | 7.575E-16 | 10.86033 | No | 25.23701 | 7.575E-16 | 10.86033 |
| 21970 | GLOBAL | Cartesian | 25.23701 | 7.575E-16 | 10.75985 | No | 25.23701 | 7.575E-16 | 10.75985 |
| 21971 | GLOBAL | Cartesian | 25.05129 | 7.802E-16 | 10.94251 | No | 25.05129 | 7.802E-16 | 10.94251 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 21972 | GLOBAL | Cartesian | 25.05129 | 7.802E-16 | 10.84202 | No | 25.05129 | 7.802E-16 | 10.84202 |
| 21973 | GLOBAL | Cartesian | 25.05129 | 7.802E-16 | 10.74154 | No | 25.05129 | 7.802E-16 | 10.74154 |
| 21974 | GLOBAL | Cartesian | 24.86558 | 8.03E-16 | 10.9242 | No | 24.86558 | 8.03E-16 | 10.9242 |
| 21975 | GLOBAL | Cartesian | 24.86558 | 8.03E-16 | 10.82371 | No | 24.86558 | 8.03E-16 | 10.82371 |
| 21976 | GLOBAL | Cartesian | 24.86558 | 8.03E-16 | 10.72323 | No | 24.86558 | 8.03E-16 | 10.72323 |
| 21977 | GLOBAL | Cartesian | 24.67986 | 8.257E-16 | 10.90589 | No | 24.67986 | 8.257E-16 | 10.90589 |
| 21978 | GLOBAL | Cartesian | 24.67986 | 8.257E-16 | 10.80541 | No | 24.67986 | 8.257E-16 | 10.80541 |
| 21979 | GLOBAL | Cartesian | 24.67986 | 8.257E-16 | 10.70492 | No | 24.67986 | 8.257E-16 | 10.70492 |
| 21980 | GLOBAL | Cartesian | 24.49415 | 8.485E-16 | 10.88758 | No | 24.49415 | 8.485E-16 | 10.88758 |
| 21981 | GLOBAL | Cartesian | 24.49415 | 8.485E-16 | 10.7871 | No | 24.49415 | 8.485E-16 | 10.7871 |
| 21982 | GLOBAL | Cartesian | 24.49415 | 8.485E-16 | 10.68661 | No | 24.49415 | 8.485E-16 | 10.68661 |
| 21983 | GLOBAL | Cartesian | 24.30844 | 8.712E-16 | 10.86927 | No | 24.30844 | 8.712E-16 | 10.86927 |
| 21984 | GLOBAL | Cartesian | 24.30844 | 8.712E-16 | 10.76879 | No | 24.30844 | 8.712E-16 | 10.76879 |
| 21985 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.75048 | No | 24.12272 | 8.94E-16 | 10.75048 |
| 21986 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.84111 | No | 24.02272 | 9.062E-16 | 10.84111 |
| 21987 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.74062 | No | 24.02272 | 9.062E-16 | 10.74062 |
| 21988 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.64014 | No | 24.02272 | 9.062E-16 | 10.64014 |
| 21989 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.73077 | No | 23.92272 | 9.185E-16 | 10.73077 |
| 21990 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.82134 | No | 23.82217 | 9.308E-16 | 10.82134 |
| 21991 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.72085 | No | 23.82217 | 9.308E-16 | 10.72085 |
| 21992 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.62037 | No | 23.82217 | 9.308E-16 | 10.62037 |
| 21993 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.71094 | No | 23.72163 | 9.431E-16 | 10.71094 |
| 21994 | GLOBAL | Cartesian | 23.53601 | 9.658E-16 | 10.79313 | No | 23.53601 | 9.658E-16 | 10.79313 |
| 21995 | GLOBAL | Cartesian | 23.53601 | 9.658E-16 | 10.69264 | No | 23.53601 | 9.658E-16 | 10.69264 |
| 21996 | GLOBAL | Cartesian | 23.53601 | 9.658E-16 | 10.59216 | No | 23.53601 | 9.658E-16 | 10.59216 |
| 21997 | GLOBAL | Cartesian | 23.35038 | 9.885E-16 | 10.77483 | No | 23.35038 | 9.885E-16 | 10.77483 |
| 21998 | GLOBAL | Cartesian | 23.35038 | 9.885E-16 | 10.67434 | No | 23.35038 | 9.885E-16 | 10.67434 |
| 21999 | GLOBAL | Cartesian | 23.35038 | 9.885E-16 | 10.57386 | No | 23.35038 | 9.885E-16 | 10.57386 |
| 22000 | GLOBAL | Cartesian | 23.16476 | 1.011E-15 | 10.75653 | No | 23.16476 | 1.011E-15 | 10.75653 |
| 22001 | GLOBAL | Cartesian | 23.16476 | 1.011E-15 | 10.65604 | No | 23.16476 | 1.011E-15 | 10.65604 |
| 22002 | GLOBAL | Cartesian | 23.16476 | 1.011E-15 | 10.55556 | No | 23.16476 | 1.011E-15 | 10.55556 |
| 22003 | GLOBAL | Cartesian | 22.97914 | 1.034E-15 | 10.73823 | No | 22.97914 | 1.034E-15 | 10.73823 |
| 22004 | GLOBAL | Cartesian | 22.97914 | 1.034E-15 | 10.63775 | No | 22.97914 | 1.034E-15 | 10.63775 |
| 22005 | GLOBAL | Cartesian | 22.97914 | 1.034E-15 | 10.53726 | No | 22.97914 | 1.034E-15 | 10.53726 |
| 22006 | GLOBAL | Cartesian | 22.79352 | 1.057E-15 | 10.71993 | No | 22.79352 | 1.057E-15 | 10.71993 |
| 22007 | GLOBAL | Cartesian | 22.79352 | 1.057E-15 | 10.61945 | No | 22.79352 | 1.057E-15 | 10.61945 |
| 22008 | GLOBAL | Cartesian | 22.79352 | 1.057E-15 | 10.51896 | No | 22.79352 | 1.057E-15 | 10.51896 |
| 22009 | GLOBAL | Cartesian | 22.6079 | 1.079E-15 | 10.70163 | No | 22.6079 | 1.079E-15 | 10.70163 |
| 22010 | GLOBAL | Cartesian | 22.6079 | 1.079E-15 | 10.60115 | No | 22.6079 | 1.079E-15 | 10.60115 |
| 22011 | GLOBAL | Cartesian | 22.6079 | 1.079E-15 | 10.50066 | No | 22.6079 | 1.079E-15 | 10.50066 |
| 22012 | GLOBAL | Cartesian | 22.42228 | 1.102E-15 | 10.68333 | No | 22.42228 | 1.102E-15 | 10.68333 |
| 22013 | GLOBAL | Cartesian | 22.42228 | 1.102E-15 | 10.58285 | No | 22.42228 | 1.102E-15 | 10.58285 |
| 22014 | GLOBAL | Cartesian | 22.42228 | 1.102E-15 | 10.48236 | No | 22.42228 | 1.102E-15 | 10.48236 |
| 22015 | GLOBAL | Cartesian | 22.23666 | 1.125E-15 | 10.66503 | No | 22.23666 | 1.125E-15 | 10.66503 |
| 22016 | GLOBAL | Cartesian | 22.23666 | 1.125E-15 | 10.56455 | No | 22.23666 | 1.125E-15 | 10.56455 |
| 22017 | GLOBAL | Cartesian | 22.23666 | 1.125E-15 | 10.46406 | No | 22.23666 | 1.125E-15 | 10.46406 |
| 22018 | GLOBAL | Cartesian | 22.05103 | 1.148E-15 | 10.64674 | No | 22.05103 | 1.148E-15 | 10.64674 |
| 22019 | GLOBAL | Cartesian | 22.05103 | 1.148E-15 | 10.54625 | No | 22.05103 | 1.148E-15 | 10.54625 |
| 22020 | GLOBAL | Cartesian | 22.05103 | 1.148E-15 | 10.44577 | No | 22.05103 | 1.148E-15 | 10.44577 |
| 22021 | GLOBAL | Cartesian | 21.86541 | 1.17E-15 | 10.62844 | No | 21.86541 | 1.17E-15 | 10.62844 |
| 22022 | GLOBAL | Cartesian | 21.86541 | 1.17E-15 | 10.52795 | No | 21.86541 | 1.17E-15 | 10.52795 |
| 22023 | GLOBAL | Cartesian | 21.86541 | 1.17E-15 | 10.42747 | No | 21.86541 | 1.17E-15 | 10.42747 |
| 22024 | GLOBAL | Cartesian | 21.67979 | 1.193E-15 | 10.61014 | No | 21.67979 | 1.193E-15 | 10.61014 |
| 22025 | GLOBAL | Cartesian | 21.67979 | 1.193E-15 | 10.50965 | No | 21.67979 | 1.193E-15 | 10.50965 |
| 22026 | GLOBAL | Cartesian | 21.67979 | 1.193E-15 | 10.40917 | No | 21.67979 | 1.193E-15 | 10.40917 |
| 22027 | GLOBAL | Cartesian | 21.49417 | 1.216E-15 | 10.59184 | No | 21.49417 | 1.216E-15 | 10.59184 |
| 22028 | GLOBAL | Cartesian | 21.49417 | 1.216E-15 | 10.49135 | No | 21.49417 | 1.216E-15 | 10.49135 |
| 22029 | GLOBAL | Cartesian | 21.30855 | 1.239E-15 | 10.57354 | No | 21.30855 | 1.239E-15 | 10.57354 |
| 22030 | GLOBAL | Cartesian | 21.30855 | 1.239E-15 | 10.47305 | No | 21.30855 | 1.239E-15 | 10.47305 |
| 22031 | GLOBAL | Cartesian | 21.30855 | 1.239E-15 | 10.37257 | No | 21.30855 | 1.239E-15 | 10.37257 |
| 22032 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.45476 | No | 21.12293 | 1.261E-15 | 10.45476 |
| 22033 | GLOBAL | Cartesian | 21.02282 | 1.274E-15 | 10.54537 | No | 21.02282 | 1.274E-15 | 10.54537 |
| 22034 | GLOBAL | Cartesian | 21.02282 | 1.274E-15 | 10.44489 | No | 21.02282 | 1.274E-15 | 10.44489 |
| 22035 | GLOBAL | Cartesian | 21.02282 | 1.274E-15 | 10.3444 | No | 21.02282 | 1.274E-15 | 10.3444 |
| 22036 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.43502 | No | 20.92272 | 1.286E-15 | 10.43502 |
| 22037 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.52563 | No | 20.82255 | 1.298E-15 | 10.52563 |
| 22038 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.42514 | No | 20.82255 | 1.298E-15 | 10.42514 |
| 22039 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.32466 | No | 20.82255 | 1.298E-15 | 10.32466 |
| 22040 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.41527 | No | 20.72238 | 1.31E-15 | 10.41527 |
| 22041 | GLOBAL | Cartesian | 20.53671 | 1.333E-15 | 10.49745 | No | 20.53671 | 1.333E-15 | 10.49745 |
| 22042 | GLOBAL | Cartesian | 20.53671 | 1.333E-15 | 10.39697 | No | 20.53671 | 1.333E-15 | 10.39697 |
| 22043 | GLOBAL | Cartesian | 20.53671 | 1.333E-15 | 10.29648 | No | 20.53671 | 1.333E-15 | 10.29648 |
| 22044 | GLOBAL | Cartesian | 20.35103 | 1.356E-15 | 10.47915 | No | 20.35103 | 1.356E-15 | 10.47915 |
| 22045 | GLOBAL | Cartesian | 20.35103 | 1.356E-15 | 10.37866 | No | 20.35103 | 1.356E-15 | 10.37866 |
| 22046 | GLOBAL | Cartesian | 20.35103 | 1.356E-15 | 10.27818 | No | 20.35103 | 1.356E-15 | 10.27818 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22047 | GLOBAL | Cartesian | 20.16536 | 1.379E-15 | 10.46084 | No | 20.16536 | 1.379E-15 | 10.46084 |
| 22048 | GLOBAL | Cartesian | 20.16536 | 1.379E-15 | 10.36036 | No | 20.16536 | 1.379E-15 | 10.36036 |
| 22049 | GLOBAL | Cartesian | 20.16536 | 1.379E-15 | 10.25987 | No | 20.16536 | 1.379E-15 | 10.25987 |
| 22050 | GLOBAL | Cartesian | 19.97968 | 1.401E-15 | 10.44254 | No | 19.97968 | 1.401E-15 | 10.44254 |
| 22051 | GLOBAL | Cartesian | 19.97968 | 1.401E-15 | 10.34205 | No | 19.97968 | 1.401E-15 | 10.34205 |
| 22052 | GLOBAL | Cartesian | 19.97968 | 1.401E-15 | 10.24157 | No | 19.97968 | 1.401E-15 | 10.24157 |
| 22053 | GLOBAL | Cartesian | 19.794 | 1.424E-15 | 10.42423 | No | 19.794 | 1.424E-15 | 10.42423 |
| 22054 | GLOBAL | Cartesian | 19.794 | 1.424E-15 | 10.32375 | No | 19.794 | 1.424E-15 | 10.32375 |
| 22055 | GLOBAL | Cartesian | 19.794 | 1.424E-15 | 10.22326 | No | 19.794 | 1.424E-15 | 10.22326 |
| 22056 | GLOBAL | Cartesian | 19.60833 | 1.447E-15 | 10.40593 | No | 19.60833 | 1.447E-15 | 10.40593 |
| 22057 | GLOBAL | Cartesian | 19.60833 | 1.447E-15 | 10.30544 | No | 19.60833 | 1.447E-15 | 10.30544 |
| 22058 | GLOBAL | Cartesian | 19.60833 | 1.447E-15 | 10.20496 | No | 19.60833 | 1.447E-15 | 10.20496 |
| 22059 | GLOBAL | Cartesian | 19.42265 | 1.47E-15 | 10.38762 | No | 19.42265 | 1.47E-15 | 10.38762 |
| 22060 | GLOBAL | Cartesian | 19.42265 | 1.47E-15 | 10.28714 | No | 19.42265 | 1.47E-15 | 10.28714 |
| 22061 | GLOBAL | Cartesian | 19.42265 | 1.47E-15 | 10.18665 | No | 19.42265 | 1.47E-15 | 10.18665 |
| 22062 | GLOBAL | Cartesian | 19.23698 | 1.492E-15 | 10.36932 | No | 19.23698 | 1.492E-15 | 10.36932 |
| 22063 | GLOBAL | Cartesian | 19.23698 | 1.492E-15 | 10.26883 | No | 19.23698 | 1.492E-15 | 10.26883 |
| 22064 | GLOBAL | Cartesian | 19.23698 | 1.492E-15 | 10.16835 | No | 19.23698 | 1.492E-15 | 10.16835 |
| 22065 | GLOBAL | Cartesian | 19.0513 | 1.515E-15 | 10.35102 | No | 19.0513 | 1.515E-15 | 10.35102 |
| 22066 | GLOBAL | Cartesian | 19.0513 | 1.515E-15 | 10.25053 | No | 19.0513 | 1.515E-15 | 10.25053 |
| 22067 | GLOBAL | Cartesian | 19.0513 | 1.515E-15 | 10.15005 | No | 19.0513 | 1.515E-15 | 10.15005 |
| 22068 | GLOBAL | Cartesian | 18.86562 | 1.538E-15 | 10.33271 | No | 18.86562 | 1.538E-15 | 10.33271 |
| 22069 | GLOBAL | Cartesian | 18.86562 | 1.538E-15 | 10.23223 | No | 18.86562 | 1.538E-15 | 10.23223 |
| 22070 | GLOBAL | Cartesian | 18.86562 | 1.538E-15 | 10.13174 | No | 18.86562 | 1.538E-15 | 10.13174 |
| 22071 | GLOBAL | Cartesian | 18.67995 | 1.56E-15 | 10.31441 | No | 18.67995 | 1.56E-15 | 10.31441 |
| 22072 | GLOBAL | Cartesian | 18.67995 | 1.56E-15 | 10.21392 | No | 18.67995 | 1.56E-15 | 10.21392 |
| 22073 | GLOBAL | Cartesian | 18.67995 | 1.56E-15 | 10.11344 | No | 18.67995 | 1.56E-15 | 10.11344 |
| 22074 | GLOBAL | Cartesian | 18.49427 | 1.583E-15 | 10.2961 | No | 18.49427 | 1.583E-15 | 10.2961 |
| 22075 | GLOBAL | Cartesian | 18.49427 | 1.583E-15 | 10.19562 | No | 18.49427 | 1.583E-15 | 10.19562 |
| 22076 | GLOBAL | Cartesian | 18.3086 | 1.606E-15 | 10.2778 | No | 18.3086 | 1.606E-15 | 10.2778 |
| 22077 | GLOBAL | Cartesian | 18.3086 | 1.606E-15 | 10.17731 | No | 18.3086 | 1.606E-15 | 10.17731 |
| 22078 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 10.15901 | No | 18.12292 | 1.629E-15 | 10.15901 |
| 22079 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 10.24963 | No | 18.02282 | 1.641E-15 | 10.24963 |
| 22080 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 10.14914 | No | 18.02282 | 1.641E-15 | 10.14914 |
| 22081 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 10.04866 | No | 18.02282 | 1.641E-15 | 10.04866 |
| 22082 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 10.13927 | No | 17.92272 | 1.653E-15 | 10.13927 |
| 22083 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 10.2299 | No | 17.82272 | 1.665E-15 | 10.2299 |
| 22084 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 10.12941 | No | 17.82272 | 1.665E-15 | 10.12941 |
| 22085 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 10.02893 | No | 17.82272 | 1.665E-15 | 10.02893 |
| 22086 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 10.11956 | No | 17.72272 | 1.678E-15 | 10.11956 |
| 22087 | GLOBAL | Cartesian | 17.53702 | 1.7E-15 | 10.20173 | No | 17.53702 | 1.7E-15 | 10.20173 |
| 22088 | GLOBAL | Cartesian | 17.53702 | 1.7E-15 | 10.10125 | No | 17.53702 | 1.7E-15 | 10.10125 |
| 22089 | GLOBAL | Cartesian | 17.53702 | 1.7E-15 | 10.00076 | No | 17.53702 | 1.7E-15 | 10.00076 |
| 22090 | GLOBAL | Cartesian | 17.35132 | 1.723E-15 | 10.18343 | No | 17.35132 | 1.723E-15 | 10.18343 |
| 22091 | GLOBAL | Cartesian | 17.35132 | 1.723E-15 | 10.08294 | No | 17.35132 | 1.723E-15 | 10.08294 |
| 22092 | GLOBAL | Cartesian | 17.35132 | 1.723E-15 | 9.98246 | No | 17.35132 | 1.723E-15 | 9.98246 |
| 22093 | GLOBAL | Cartesian | 17.16562 | 1.746E-15 | 10.16512 | No | 17.16562 | 1.746E-15 | 10.16512 |
| 22094 | GLOBAL | Cartesian | 17.16562 | 1.746E-15 | 10.06464 | No | 17.16562 | 1.746E-15 | 10.06464 |
| 22095 | GLOBAL | Cartesian | 17.16562 | 1.746E-15 | 9.96415 | No | 17.16562 | 1.746E-15 | 9.96415 |
| 22096 | GLOBAL | Cartesian | 16.97992 | 1.769E-15 | 10.14681 | No | 16.97992 | 1.769E-15 | 10.14681 |
| 22097 | GLOBAL | Cartesian | 16.97992 | 1.769E-15 | 10.04633 | No | 16.97992 | 1.769E-15 | 10.04633 |
| 22098 | GLOBAL | Cartesian | 16.97992 | 1.769E-15 | 9.94584 | No | 16.97992 | 1.769E-15 | 9.94584 |
| 22099 | GLOBAL | Cartesian | 16.79422 | 1.791E-15 | 10.12851 | No | 16.79422 | 1.791E-15 | 10.12851 |
| 22100 | GLOBAL | Cartesian | 16.79422 | 1.791E-15 | 10.02802 | No | 16.79422 | 1.791E-15 | 10.02802 |
| 22101 | GLOBAL | Cartesian | 16.79422 | 1.791E-15 | 9.92754 | No | 16.79422 | 1.791E-15 | 9.92754 |
| 22102 | GLOBAL | Cartesian | 16.60852 | 1.814E-15 | 10.1102 | No | 16.60852 | 1.814E-15 | 10.1102 |
| 22103 | GLOBAL | Cartesian | 16.60852 | 1.814E-15 | 10.00972 | No | 16.60852 | 1.814E-15 | 10.00972 |
| 22104 | GLOBAL | Cartesian | 16.60852 | 1.814E-15 | 9.90923 | No | 16.60852 | 1.814E-15 | 9.90923 |
| 22105 | GLOBAL | Cartesian | 16.42282 | 1.837E-15 | 10.09189 | No | 16.42282 | 1.837E-15 | 10.09189 |
| 22106 | GLOBAL | Cartesian | 16.42282 | 1.837E-15 | 9.99141 | No | 16.42282 | 1.837E-15 | 9.99141 |
| 22107 | GLOBAL | Cartesian | 16.42282 | 1.837E-15 | 9.89092 | No | 16.42282 | 1.837E-15 | 9.89092 |
| 22108 | GLOBAL | Cartesian | 16.23712 | 1.86E-15 | 10.07359 | No | 16.23712 | 1.86E-15 | 10.07359 |
| 22109 | GLOBAL | Cartesian | 16.23712 | 1.86E-15 | 9.9731 | No | 16.23712 | 1.86E-15 | 9.9731 |
| 22110 | GLOBAL | Cartesian | 16.23712 | 1.86E-15 | 9.87262 | No | 16.23712 | 1.86E-15 | 9.87262 |
| 22111 | GLOBAL | Cartesian | 16.05142 | 1.882E-15 | 10.05528 | No | 16.05142 | 1.882E-15 | 10.05528 |
| 22112 | GLOBAL | Cartesian | 16.05142 | 1.882E-15 | 9.9548 | No | 16.05142 | 1.882E-15 | 9.9548 |
| 22113 | GLOBAL | Cartesian | 16.05142 | 1.882E-15 | 9.85431 | No | 16.05142 | 1.882E-15 | 9.85431 |
| 22114 | GLOBAL | Cartesian | 15.86572 | 1.905E-15 | 10.03697 | No | 15.86572 | 1.905E-15 | 10.03697 |
| 22115 | GLOBAL | Cartesian | 15.86572 | 1.905E-15 | 9.93649 | No | 15.86572 | 1.905E-15 | 9.93649 |
| 22116 | GLOBAL | Cartesian | 15.86572 | 1.905E-15 | 9.836 | No | 15.86572 | 1.905E-15 | 9.836 |
| 22117 | GLOBAL | Cartesian | 15.68002 | 1.928E-15 | 10.01867 | No | 15.68002 | 1.928E-15 | 10.01867 |
| 22118 | GLOBAL | Cartesian | 15.68002 | 1.928E-15 | 9.91818 | No | 15.68002 | 1.928E-15 | 9.91818 |
| 22119 | GLOBAL | Cartesian | 15.68002 | 1.928E-15 | 9.8177 | No | 15.68002 | 1.928E-15 | 9.8177 |
| 22120 | GLOBAL | Cartesian | 15.49432 | 1.951E-15 | 10.00036 | No | 15.49432 | 1.951E-15 | 10.00036 |
| 22121 | GLOBAL | Cartesian | 15.49432 | 1.951E-15 | 9.89988 | No | 15.49432 | 1.951E-15 | 9.89988 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22122 | GLOBAL | Cartesian | 15.30862 | 1.973E-15 | 9.98205 | No | 15.30862 | 1.973E-15 | 9.98205 |
| 22123 | GLOBAL | Cartesian | 15.30862 | 1.973E-15 | 9.88157 | No | 15.30862 | 1.973E-15 | 9.88157 |
| 22124 | GLOBAL | Cartesian | 15.30862 | 1.973E-15 | 9.78108 | No | 15.30862 | 1.973E-15 | 9.78108 |
| 22125 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.86326 | No | 15.12292 | 1.996E-15 | 9.86326 |
| 22126 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.95388 | No | 15.02282 | 2.008E-15 | 9.95388 |
| 22127 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.85339 | No | 15.02282 | 2.008E-15 | 9.85339 |
| 22128 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.75291 | No | 15.02282 | 2.008E-15 | 9.75291 |
| 22129 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.84353 | No | 14.92272 | 2.021E-15 | 9.84353 |
| 22130 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 10.73948 | No | 27.02272 | 5.388E-16 | 10.73948 |
| 22131 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 10.74852 | No | 27.12272 | 5.266E-16 | 10.74852 |
| 22132 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 10.54308 | No | 27.02272 | 5.388E-16 | 10.54308 |
| 22133 | GLOBAL | Cartesian | 27.02271 | 5.388E-16 | 10.34668 | No | 27.02271 | 5.388E-16 | 10.34668 |
| 22134 | GLOBAL | Cartesian | 27.1227 | 5.266E-16 | 10.35407 | No | 27.1227 | 5.266E-16 | 10.35407 |
| 22135 | GLOBAL | Cartesian | 27.02271 | 5.388E-16 | 10.15027 | No | 27.02271 | 5.388E-16 | 10.15027 |
| 22136 | GLOBAL | Cartesian | 27.1227 | 5.266E-16 | 10.15685 | No | 27.1227 | 5.266E-16 | 10.15685 |
| 22137 | GLOBAL | Cartesian | 27.02271 | 5.388E-16 | 9.95387 | No | 27.02271 | 5.388E-16 | 9.95387 |
| 22138 | GLOBAL | Cartesian | 27.12269 | 5.266E-16 | 9.95963 | No | 27.12269 | 5.266E-16 | 9.95963 |
| 22139 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 9.75747 | No | 27.0227 | 5.388E-16 | 9.75747 |
| 22140 | GLOBAL | Cartesian | 27.12269 | 5.266E-16 | 9.7624 | No | 27.12269 | 5.266E-16 | 9.7624 |
| 22141 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 9.56106 | No | 27.0227 | 5.388E-16 | 9.56106 |
| 22142 | GLOBAL | Cartesian | 27.12268 | 5.266E-16 | 9.56518 | No | 27.12268 | 5.266E-16 | 9.56518 |
| 22143 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 9.36466 | No | 27.0227 | 5.388E-16 | 9.36466 |
| 22144 | GLOBAL | Cartesian | 27.12268 | 5.266E-16 | 9.36796 | No | 27.12268 | 5.266E-16 | 9.36796 |
| 22145 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 9.16826 | No | 27.0227 | 5.388E-16 | 9.16826 |
| 22146 | GLOBAL | Cartesian | 27.12267 | 5.266E-16 | 9.17073 | No | 27.12267 | 5.266E-16 | 9.17073 |
| 22147 | GLOBAL | Cartesian | 27.02269 | 5.388E-16 | 8.97185 | No | 27.02269 | 5.388E-16 | 8.97185 |
| 22148 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.73044 | No | 26.92272 | 5.511E-16 | 10.73044 |
| 22149 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.53486 | No | 26.92272 | 5.511E-16 | 10.53486 |
| 22150 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.33928 | No | 26.92272 | 5.511E-16 | 10.33928 |
| 22151 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.1437 | No | 26.92272 | 5.511E-16 | 10.1437 |
| 22152 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 9.94811 | No | 26.92272 | 5.511E-16 | 9.94811 |
| 22153 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 9.75253 | No | 26.92272 | 5.511E-16 | 9.75253 |
| 22154 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 9.55695 | No | 26.92272 | 5.511E-16 | 9.55695 |
| 22155 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 9.36136 | No | 26.92272 | 5.511E-16 | 9.36136 |
| 22156 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 9.16578 | No | 26.92272 | 5.511E-16 | 9.16578 |
| 22157 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.72141 | No | 26.82272 | 5.633E-16 | 10.72141 |
| 22158 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.52664 | No | 26.82272 | 5.633E-16 | 10.52664 |
| 22159 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.33188 | No | 26.82272 | 5.633E-16 | 10.33188 |
| 22160 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.13712 | No | 26.82272 | 5.633E-16 | 10.13712 |
| 22161 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 9.94235 | No | 26.82272 | 5.633E-16 | 9.94235 |
| 22162 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 9.74759 | No | 26.82272 | 5.633E-16 | 9.74759 |
| 22163 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 9.55283 | No | 26.82272 | 5.633E-16 | 9.55283 |
| 22164 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 9.35807 | No | 26.82272 | 5.633E-16 | 9.35807 |
| 22165 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 9.1633 | No | 26.82272 | 5.633E-16 | 9.1633 |
| 22166 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 8.96854 | No | 26.82272 | 5.633E-16 | 8.96854 |
| 22167 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.71237 | No | 26.72272 | 5.756E-16 | 10.71237 |
| 22168 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.51843 | No | 26.72272 | 5.756E-16 | 10.51843 |
| 22169 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.32448 | No | 26.72272 | 5.756E-16 | 10.32448 |
| 22170 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.13054 | No | 26.72272 | 5.756E-16 | 10.13054 |
| 22171 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 9.9366 | No | 26.72272 | 5.756E-16 | 9.9366 |
| 22172 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 9.74265 | No | 26.72272 | 5.756E-16 | 9.74265 |
| 22173 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 9.54871 | No | 26.72272 | 5.756E-16 | 9.54871 |
| 22174 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 9.35477 | No | 26.72272 | 5.756E-16 | 9.35477 |
| 22175 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 9.16083 | No | 26.72272 | 5.756E-16 | 9.16083 |
| 22176 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.43964 | No | 23.92272 | 9.185E-16 | 10.43964 |
| 22177 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.44869 | No | 24.02272 | 9.062E-16 | 10.44869 |
| 22178 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.24901 | No | 23.92272 | 9.185E-16 | 10.24901 |
| 22179 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.25725 | No | 24.02272 | 9.062E-16 | 10.25725 |
| 22180 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.26549 | No | 24.12272 | 8.94E-16 | 10.26549 |
| 22181 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.05837 | No | 23.92272 | 9.185E-16 | 10.05837 |
| 22182 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.0658 | No | 24.02272 | 9.062E-16 | 10.0658 |
| 22183 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.07324 | No | 24.12272 | 8.94E-16 | 10.07324 |
| 22184 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 9.86773 | No | 23.92272 | 9.185E-16 | 9.86773 |
| 22185 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 9.87436 | No | 24.02272 | 9.062E-16 | 9.87436 |
| 22186 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 9.88098 | No | 24.12272 | 8.94E-16 | 9.88098 |
| 22187 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 9.6771 | No | 23.92272 | 9.185E-16 | 9.6771 |
| 22188 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 9.68291 | No | 24.02272 | 9.062E-16 | 9.68291 |
| 22189 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 9.68873 | No | 24.12272 | 8.94E-16 | 9.68873 |
| 22190 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 9.48646 | No | 23.92272 | 9.185E-16 | 9.48646 |
| 22191 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 9.49147 | No | 24.02272 | 9.062E-16 | 9.49147 |
| 22192 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 9.49647 | No | 24.12272 | 8.94E-16 | 9.49647 |
| 22193 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 9.29583 | No | 23.92272 | 9.185E-16 | 9.29583 |
| 22194 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 9.30002 | No | 24.02272 | 9.062E-16 | 9.30002 |
| 22195 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 9.30422 | No | 24.12272 | 8.94E-16 | 9.30422 |
| 22196 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 9.10519 | No | 23.92272 | 9.185E-16 | 9.10519 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22197 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 9.10858 | No | 24.02272 | 9.062E-16 | 9.10858 |
| 22198 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 9.11197 | No | 24.12272 | 8.94E-16 | 9.11197 |
| 22199 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 8.91713 | No | 24.02272 | 9.062E-16 | 8.91713 |
| 22200 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.42145 | No | 23.72163 | 9.431E-16 | 10.42145 |
| 22201 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.43055 | No | 23.82217 | 9.308E-16 | 10.43055 |
| 22202 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.23244 | No | 23.72163 | 9.431E-16 | 10.23244 |
| 22203 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.24072 | No | 23.82217 | 9.308E-16 | 10.24072 |
| 22204 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.04343 | No | 23.72163 | 9.431E-16 | 10.04343 |
| 22205 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.0509 | No | 23.82217 | 9.308E-16 | 10.0509 |
| 22206 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 9.85442 | No | 23.72163 | 9.431E-16 | 9.85442 |
| 22207 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 9.86108 | No | 23.82217 | 9.308E-16 | 9.86108 |
| 22208 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 9.66541 | No | 23.72163 | 9.431E-16 | 9.66541 |
| 22209 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 9.67125 | No | 23.82217 | 9.308E-16 | 9.67125 |
| 22210 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 9.4764 | No | 23.72163 | 9.431E-16 | 9.4764 |
| 22211 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 9.48143 | No | 23.82217 | 9.308E-16 | 9.48143 |
| 22212 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 9.28739 | No | 23.72163 | 9.431E-16 | 9.28739 |
| 22213 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 9.29161 | No | 23.82217 | 9.308E-16 | 9.29161 |
| 22214 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 9.09837 | No | 23.72163 | 9.431E-16 | 9.09837 |
| 22215 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 9.10178 | No | 23.82217 | 9.308E-16 | 9.10178 |
| 22216 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 8.91196 | No | 23.82217 | 9.308E-16 | 8.91196 |
| 22217 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.14666 | No | 20.92272 | 1.286E-15 | 10.14666 |
| 22218 | GLOBAL | Cartesian | 21.02281 | 1.274E-15 | 10.15573 | No | 21.02281 | 1.274E-15 | 10.15573 |
| 22219 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.95879 | No | 20.92272 | 1.286E-15 | 9.95879 |
| 22220 | GLOBAL | Cartesian | 21.02279 | 1.274E-15 | 9.96706 | No | 21.02279 | 1.274E-15 | 9.96706 |
| 22221 | GLOBAL | Cartesian | 21.12287 | 1.261E-15 | 9.97534 | No | 21.12287 | 1.261E-15 | 9.97534 |
| 22222 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.77091 | No | 20.92272 | 1.286E-15 | 9.77091 |
| 22223 | GLOBAL | Cartesian | 21.02278 | 1.274E-15 | 9.77839 | No | 21.02278 | 1.274E-15 | 9.77839 |
| 22224 | GLOBAL | Cartesian | 21.12283 | 1.261E-15 | 9.78587 | No | 21.12283 | 1.261E-15 | 9.78587 |
| 22225 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.58304 | No | 20.92272 | 1.286E-15 | 9.58304 |
| 22226 | GLOBAL | Cartesian | 21.02276 | 1.274E-15 | 9.58972 | No | 21.02276 | 1.274E-15 | 9.58972 |
| 22227 | GLOBAL | Cartesian | 21.1228 | 1.261E-15 | 9.59641 | No | 21.1228 | 1.261E-15 | 9.59641 |
| 22228 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.39516 | No | 20.92272 | 1.286E-15 | 9.39516 |
| 22229 | GLOBAL | Cartesian | 21.02275 | 1.274E-15 | 9.40105 | No | 21.02275 | 1.274E-15 | 9.40105 |
| 22230 | GLOBAL | Cartesian | 21.12277 | 1.261E-15 | 9.40694 | No | 21.12277 | 1.261E-15 | 9.40694 |
| 22231 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.20729 | No | 20.92272 | 1.286E-15 | 9.20729 |
| 22232 | GLOBAL | Cartesian | 21.02273 | 1.274E-15 | 9.21238 | No | 21.02273 | 1.274E-15 | 9.21238 |
| 22233 | GLOBAL | Cartesian | 21.12274 | 1.261E-15 | 9.21748 | No | 21.12274 | 1.261E-15 | 9.21748 |
| 22234 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 9.01941 | No | 20.92272 | 1.286E-15 | 9.01941 |
| 22235 | GLOBAL | Cartesian | 21.02272 | 1.274E-15 | 9.02371 | No | 21.02272 | 1.274E-15 | 9.02371 |
| 22236 | GLOBAL | Cartesian | 21.12271 | 1.261E-15 | 9.02801 | No | 21.12271 | 1.261E-15 | 9.02801 |
| 22237 | GLOBAL | Cartesian | 21.0227 | 1.274E-15 | 8.83504 | No | 21.0227 | 1.274E-15 | 8.83504 |
| 22238 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.1285 | No | 20.72238 | 1.31E-15 | 10.1285 |
| 22239 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.13758 | No | 20.82255 | 1.298E-15 | 10.13758 |
| 22240 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.94222 | No | 20.72238 | 1.31E-15 | 9.94222 |
| 22241 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.9505 | No | 20.82255 | 1.298E-15 | 9.9505 |
| 22242 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.75594 | No | 20.72238 | 1.31E-15 | 9.75594 |
| 22243 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.76342 | No | 20.82255 | 1.298E-15 | 9.76342 |
| 22244 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.56965 | No | 20.72238 | 1.31E-15 | 9.56965 |
| 22245 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.57634 | No | 20.82255 | 1.298E-15 | 9.57634 |
| 22246 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.38337 | No | 20.72238 | 1.31E-15 | 9.38337 |
| 22247 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.38927 | No | 20.82255 | 1.298E-15 | 9.38927 |
| 22248 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.19709 | No | 20.72238 | 1.31E-15 | 9.19709 |
| 22249 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.20219 | No | 20.82255 | 1.298E-15 | 9.20219 |
| 22250 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 9.0108 | No | 20.72238 | 1.31E-15 | 9.0108 |
| 22251 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 9.01511 | No | 20.82255 | 1.298E-15 | 9.01511 |
| 22252 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 8.82803 | No | 20.82255 | 1.298E-15 | 8.82803 |
| 22253 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.85055 | No | 17.92272 | 1.653E-15 | 9.85055 |
| 22254 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.85964 | No | 18.02282 | 1.641E-15 | 9.85964 |
| 22255 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.66231 | No | 17.92272 | 1.653E-15 | 9.66231 |
| 22256 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.67063 | No | 18.02282 | 1.641E-15 | 9.67063 |
| 22257 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.67894 | No | 18.12292 | 1.629E-15 | 9.67894 |
| 22258 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.47408 | No | 17.92272 | 1.653E-15 | 9.47408 |
| 22259 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.48162 | No | 18.02282 | 1.641E-15 | 9.48162 |
| 22260 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.48915 | No | 18.12292 | 1.629E-15 | 9.48915 |
| 22261 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.28584 | No | 17.92272 | 1.653E-15 | 9.28584 |
| 22262 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.2926 | No | 18.02282 | 1.641E-15 | 9.2926 |
| 22263 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.29937 | No | 18.12292 | 1.629E-15 | 9.29937 |
| 22264 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.0976 | No | 17.92272 | 1.653E-15 | 9.0976 |
| 22265 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.10359 | No | 18.02282 | 1.641E-15 | 9.10359 |
| 22266 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.10958 | No | 18.12292 | 1.629E-15 | 9.10958 |
| 22267 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.90937 | No | 17.92272 | 1.653E-15 | 8.90937 |
| 22268 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.91458 | No | 18.02282 | 1.641E-15 | 8.91458 |
| 22269 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.91979 | No | 18.12292 | 1.629E-15 | 8.91979 |
| 22270 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.72556 | No | 18.02282 | 1.641E-15 | 8.72556 |
| 22271 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.83239 | No | 17.72272 | 1.678E-15 | 9.83239 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22272 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.84147 | No | 17.82272 | 1.665E-15 | 9.84147 |
| 22273 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.6457 | No | 17.72272 | 1.678E-15 | 9.6457 |
| 22274 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.65401 | No | 17.82272 | 1.665E-15 | 9.65401 |
| 22275 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.45902 | No | 17.72272 | 1.678E-15 | 9.45902 |
| 22276 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.46655 | No | 17.82272 | 1.665E-15 | 9.46655 |
| 22277 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.27233 | No | 17.72272 | 1.678E-15 | 9.27233 |
| 22278 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.27909 | No | 17.82272 | 1.665E-15 | 9.27909 |
| 22279 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.08565 | No | 17.72272 | 1.678E-15 | 9.08565 |
| 22280 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.09163 | No | 17.82272 | 1.665E-15 | 9.09163 |
| 22281 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.89896 | No | 17.72272 | 1.678E-15 | 8.89896 |
| 22282 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.90416 | No | 17.82272 | 1.665E-15 | 8.90416 |
| 22283 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.7167 | No | 17.82272 | 1.665E-15 | 8.7167 |
| 22284 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.5502 | No | 14.92272 | 2.021E-15 | 9.5502 |
| 22285 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.55919 | No | 15.02282 | 2.008E-15 | 9.55919 |
| 22286 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.35736 | No | 14.92272 | 2.021E-15 | 9.35736 |
| 22287 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.36547 | No | 15.02282 | 2.008E-15 | 9.36547 |
| 22288 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.37358 | No | 15.12292 | 1.996E-15 | 9.37358 |
| 22289 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.16451 | No | 14.92272 | 2.021E-15 | 9.16451 |
| 22290 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.17175 | No | 15.02282 | 2.008E-15 | 9.17175 |
| 22291 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.17899 | No | 15.12292 | 1.996E-15 | 9.17899 |
| 22292 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.97167 | No | 14.92272 | 2.021E-15 | 8.97167 |
| 22293 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.97803 | No | 15.02282 | 2.008E-15 | 8.97803 |
| 22294 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.98439 | No | 15.12292 | 1.996E-15 | 8.98439 |
| 22295 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.77883 | No | 14.92272 | 2.021E-15 | 8.77883 |
| 22296 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.78431 | No | 15.02282 | 2.008E-15 | 8.78431 |
| 22297 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.78979 | No | 15.12292 | 1.996E-15 | 8.78979 |
| 22298 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.59059 | No | 15.02282 | 2.008E-15 | 8.59059 |
| 22299 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 8.79254 | No | 26.92272 | 5.511E-16 | 8.79254 |
| 22300 | GLOBAL | Cartesian | 27.12268 | 5.266E-16 | 8.7955 | No | 27.12268 | 5.266E-16 | 8.7955 |
| 22301 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 8.61489 | No | 26.92272 | 5.511E-16 | 8.61489 |
| 22302 | GLOBAL | Cartesian | 27.12268 | 5.266E-16 | 8.61749 | No | 27.12268 | 5.266E-16 | 8.61749 |
| 22303 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 8.43723 | No | 26.92272 | 5.511E-16 | 8.43723 |
| 22304 | GLOBAL | Cartesian | 27.12269 | 5.266E-16 | 8.43948 | No | 27.12269 | 5.266E-16 | 8.43948 |
| 22305 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 8.78916 | No | 26.72272 | 5.756E-16 | 8.78916 |
| 22306 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 8.79085 | No | 26.82272 | 5.633E-16 | 8.79085 |
| 22307 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 8.61144 | No | 26.72272 | 5.756E-16 | 8.61144 |
| 22308 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 8.61316 | No | 26.82272 | 5.633E-16 | 8.61316 |
| 22309 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 8.43371 | No | 26.72272 | 5.756E-16 | 8.43371 |
| 22310 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 8.43547 | No | 26.82272 | 5.633E-16 | 8.43547 |
| 22311 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 8.25778 | No | 26.82272 | 5.633E-16 | 8.25778 |
| 22312 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 8.73689 | No | 23.92272 | 9.185E-16 | 8.73689 |
| 22313 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 8.73929 | No | 24.02272 | 9.062E-16 | 8.73929 |
| 22314 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 8.74169 | No | 24.12272 | 8.94E-16 | 8.74169 |
| 22315 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 8.55922 | No | 23.92272 | 9.185E-16 | 8.55922 |
| 22316 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 8.56144 | No | 24.02272 | 9.062E-16 | 8.56144 |
| 22317 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 8.56366 | No | 24.12272 | 8.94E-16 | 8.56366 |
| 22318 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 8.38156 | No | 23.92272 | 9.185E-16 | 8.38156 |
| 22319 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 8.3836 | No | 24.02272 | 9.062E-16 | 8.3836 |
| 22320 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 8.38564 | No | 24.12272 | 8.94E-16 | 8.38564 |
| 22321 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 8.20575 | No | 24.02272 | 9.062E-16 | 8.20575 |
| 22322 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 8.73163 | No | 23.72163 | 9.431E-16 | 8.73163 |
| 22323 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 8.73426 | No | 23.82217 | 9.308E-16 | 8.73426 |
| 22324 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 8.5539 | No | 23.72163 | 9.431E-16 | 8.5539 |
| 22325 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 8.55656 | No | 23.82217 | 9.308E-16 | 8.55656 |
| 22326 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 8.37616 | No | 23.72163 | 9.431E-16 | 8.37616 |
| 22327 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 8.37886 | No | 23.82217 | 9.308E-16 | 8.37886 |
| 22328 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 8.20116 | No | 23.82217 | 9.308E-16 | 8.20116 |
| 22329 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 8.65385 | No | 20.92272 | 1.286E-15 | 8.65385 |
| 22330 | GLOBAL | Cartesian | 21.02273 | 1.274E-15 | 8.65717 | No | 21.02273 | 1.274E-15 | 8.65717 |
| 22331 | GLOBAL | Cartesian | 21.12274 | 1.261E-15 | 8.66049 | No | 21.12274 | 1.261E-15 | 8.66049 |
| 22332 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 8.47616 | No | 20.92272 | 1.286E-15 | 8.47616 |
| 22333 | GLOBAL | Cartesian | 21.02276 | 1.274E-15 | 8.4793 | No | 21.02276 | 1.274E-15 | 8.4793 |
| 22334 | GLOBAL | Cartesian | 21.1228 | 1.261E-15 | 8.48244 | No | 21.1228 | 1.261E-15 | 8.48244 |
| 22335 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 8.29847 | No | 20.92272 | 1.286E-15 | 8.29847 |
| 22336 | GLOBAL | Cartesian | 21.02279 | 1.274E-15 | 8.30143 | No | 21.02279 | 1.274E-15 | 8.30143 |
| 22337 | GLOBAL | Cartesian | 21.12287 | 1.261E-15 | 8.30439 | No | 21.12287 | 1.261E-15 | 8.30439 |
| 22338 | GLOBAL | Cartesian | 21.02282 | 1.274E-15 | 8.12356 | No | 21.02282 | 1.274E-15 | 8.12356 |
| 22339 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 8.64676 | No | 20.72238 | 1.31E-15 | 8.64676 |
| 22340 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 8.6503 | No | 20.82255 | 1.298E-15 | 8.6503 |
| 22341 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 8.469 | No | 20.72238 | 1.31E-15 | 8.469 |
| 22342 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 8.47258 | No | 20.82255 | 1.298E-15 | 8.47258 |
| 22343 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 8.29124 | No | 20.72238 | 1.31E-15 | 8.29124 |
| 22344 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 8.29485 | No | 20.82255 | 1.298E-15 | 8.29485 |
| 22345 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 8.11713 | No | 20.82255 | 1.298E-15 | 8.11713 |
| 22346 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.53447 | No | 17.72272 | 1.678E-15 | 8.53447 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22347 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.53894 | No | 17.82272 | 1.665E-15 | 8.53894 |
| 22348 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.5434 | No | 17.92272 | 1.653E-15 | 8.5434 |
| 22349 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.35667 | No | 17.72272 | 1.678E-15 | 8.35667 |
| 22350 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.36117 | No | 17.82272 | 1.665E-15 | 8.36117 |
| 22351 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.36567 | No | 17.92272 | 1.653E-15 | 8.36567 |
| 22352 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 8.17887 | No | 17.72272 | 1.678E-15 | 8.17887 |
| 22353 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.18341 | No | 17.82272 | 1.665E-15 | 8.18341 |
| 22354 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 8.18795 | No | 17.92272 | 1.653E-15 | 8.18795 |
| 22355 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 8.00564 | No | 17.82272 | 1.665E-15 | 8.00564 |
| 22356 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.54765 | No | 18.02282 | 1.641E-15 | 8.54765 |
| 22357 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.5519 | No | 18.12292 | 1.629E-15 | 8.5519 |
| 22358 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.36974 | No | 18.02282 | 1.641E-15 | 8.36974 |
| 22359 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.3738 | No | 18.12292 | 1.629E-15 | 8.3738 |
| 22360 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.19182 | No | 18.02282 | 1.641E-15 | 8.19182 |
| 22361 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 8.1957 | No | 18.12292 | 1.629E-15 | 8.1957 |
| 22362 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 8.01391 | No | 18.02282 | 1.641E-15 | 8.01391 |
| 22363 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.40753 | No | 14.92272 | 2.021E-15 | 8.40753 |
| 22364 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.41214 | No | 15.02282 | 2.008E-15 | 8.41214 |
| 22365 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.41675 | No | 15.12292 | 1.996E-15 | 8.41675 |
| 22366 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.22908 | No | 14.92272 | 2.021E-15 | 8.22908 |
| 22367 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.23369 | No | 15.02282 | 2.008E-15 | 8.23369 |
| 22368 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.2383 | No | 15.12292 | 1.996E-15 | 8.2383 |
| 22369 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 8.05063 | No | 14.92272 | 2.021E-15 | 8.05063 |
| 22370 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 8.05524 | No | 15.02282 | 2.008E-15 | 8.05524 |
| 22371 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 8.05985 | No | 15.12292 | 1.996E-15 | 8.05985 |
| 22372 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 7.87679 | No | 15.02282 | 2.008E-15 | 7.87679 |
| 22373 | GLOBAL | Cartesian | 29.56822 | 2.271E-16 | 8.99775 | No | 29.56822 | 2.271E-16 | 8.99775 |
| 22374 | GLOBAL | Cartesian | 29.56822 | 2.271E-16 | 8.81947 | No | 29.56822 | 2.271E-16 | 8.81947 |
| 22375 | GLOBAL | Cartesian | 29.56822 | 2.271E-16 | 8.64119 | No | 29.56822 | 2.271E-16 | 8.64119 |
| 22376 | GLOBAL | Cartesian | 29.56822 | 2.271E-16 | 8.46292 | No | 29.56822 | 2.271E-16 | 8.46292 |
| 22377 | GLOBAL | Cartesian | 29.56822 | 2.271E-16 | 8.28464 | No | 29.56822 | 2.271E-16 | 8.28464 |
| 22378 | GLOBAL | Cartesian | 29.41372 | 2.46E-16 | 8.99628 | No | 29.41372 | 2.46E-16 | 8.99628 |
| 22379 | GLOBAL | Cartesian | 29.41372 | 2.46E-16 | 8.81801 | No | 29.41372 | 2.46E-16 | 8.81801 |
| 22380 | GLOBAL | Cartesian | 29.41372 | 2.46E-16 | 8.63973 | No | 29.41372 | 2.46E-16 | 8.63973 |
| 22381 | GLOBAL | Cartesian | 29.41372 | 2.46E-16 | 8.46145 | No | 29.41372 | 2.46E-16 | 8.46145 |
| 22382 | GLOBAL | Cartesian | 29.41372 | 2.46E-16 | 8.28317 | No | 29.41372 | 2.46E-16 | 8.28317 |
| 22383 | GLOBAL | Cartesian | 29.25922 | 2.649E-16 | 8.99482 | No | 29.25922 | 2.649E-16 | 8.99482 |
| 22384 | GLOBAL | Cartesian | 29.25922 | 2.649E-16 | 8.81654 | No | 29.25922 | 2.649E-16 | 8.81654 |
| 22385 | GLOBAL | Cartesian | 29.25922 | 2.649E-16 | 8.63827 | No | 29.25922 | 2.649E-16 | 8.63827 |
| 22386 | GLOBAL | Cartesian | 29.25922 | 2.649E-16 | 8.45999 | No | 29.25922 | 2.649E-16 | 8.45999 |
| 22387 | GLOBAL | Cartesian | 29.25922 | 2.649E-16 | 8.28171 | No | 29.25922 | 2.649E-16 | 8.28171 |
| 22388 | GLOBAL | Cartesian | 29.10472 | 2.839E-16 | 8.81508 | No | 29.10472 | 2.839E-16 | 8.81508 |
| 22389 | GLOBAL | Cartesian | 29.10472 | 2.839E-16 | 8.6368 | No | 29.10472 | 2.839E-16 | 8.6368 |
| 22390 | GLOBAL | Cartesian | 29.10472 | 2.839E-16 | 8.45853 | No | 29.10472 | 2.839E-16 | 8.45853 |
| 22391 | GLOBAL | Cartesian | 28.90651 | 3.081E-16 | 8.99137 | No | 28.90651 | 3.081E-16 | 8.99137 |
| 22392 | GLOBAL | Cartesian | 28.90651 | 3.081E-16 | 8.81312 | No | 28.90651 | 3.081E-16 | 8.81312 |
| 22393 | GLOBAL | Cartesian | 28.90651 | 3.081E-16 | 8.63487 | No | 28.90651 | 3.081E-16 | 8.63487 |
| 22394 | GLOBAL | Cartesian | 28.90651 | 3.081E-16 | 8.45662 | No | 28.90651 | 3.081E-16 | 8.45662 |
| 22395 | GLOBAL | Cartesian | 28.90651 | 3.081E-16 | 8.27837 | No | 28.90651 | 3.081E-16 | 8.27837 |
| 22396 | GLOBAL | Cartesian | 28.70831 | 3.324E-16 | 8.98939 | No | 28.70831 | 3.324E-16 | 8.98939 |
| 22397 | GLOBAL | Cartesian | 28.70831 | 3.324E-16 | 8.81116 | No | 28.70831 | 3.324E-16 | 8.81116 |
| 22398 | GLOBAL | Cartesian | 28.70831 | 3.324E-16 | 8.63294 | No | 28.70831 | 3.324E-16 | 8.63294 |
| 22399 | GLOBAL | Cartesian | 28.70831 | 3.324E-16 | 8.45472 | No | 28.70831 | 3.324E-16 | 8.45472 |
| 22400 | GLOBAL | Cartesian | 28.70831 | 3.324E-16 | 8.27649 | No | 28.70831 | 3.324E-16 | 8.27649 |
| 22401 | GLOBAL | Cartesian | 28.5101 | 3.567E-16 | 8.9874 | No | 28.5101 | 3.567E-16 | 8.9874 |
| 22402 | GLOBAL | Cartesian | 28.5101 | 3.567E-16 | 8.80921 | No | 28.5101 | 3.567E-16 | 8.80921 |
| 22403 | GLOBAL | Cartesian | 28.51011 | 3.567E-16 | 8.63101 | No | 28.51011 | 3.567E-16 | 8.63101 |
| 22404 | GLOBAL | Cartesian | 28.51011 | 3.567E-16 | 8.45281 | No | 28.51011 | 3.567E-16 | 8.45281 |
| 22405 | GLOBAL | Cartesian | 28.51011 | 3.567E-16 | 8.27462 | No | 28.51011 | 3.567E-16 | 8.27462 |
| 22406 | GLOBAL | Cartesian | 28.3119 | 3.81E-16 | 8.98542 | No | 28.3119 | 3.81E-16 | 8.98542 |
| 22407 | GLOBAL | Cartesian | 28.3119 | 3.81E-16 | 8.80725 | No | 28.3119 | 3.81E-16 | 8.80725 |
| 22408 | GLOBAL | Cartesian | 28.3119 | 3.81E-16 | 8.62908 | No | 28.3119 | 3.81E-16 | 8.62908 |
| 22409 | GLOBAL | Cartesian | 28.31191 | 3.809E-16 | 8.45091 | No | 28.31191 | 3.809E-16 | 8.45091 |
| 22410 | GLOBAL | Cartesian | 28.31191 | 3.809E-16 | 8.27274 | No | 28.31191 | 3.809E-16 | 8.27274 |
| 22411 | GLOBAL | Cartesian | 28.11369 | 4.052E-16 | 8.98343 | No | 28.11369 | 4.052E-16 | 8.98343 |
| 22412 | GLOBAL | Cartesian | 28.1137 | 4.052E-16 | 8.80529 | No | 28.1137 | 4.052E-16 | 8.80529 |
| 22413 | GLOBAL | Cartesian | 28.1137 | 4.052E-16 | 8.62715 | No | 28.1137 | 4.052E-16 | 8.62715 |
| 22414 | GLOBAL | Cartesian | 28.1137 | 4.052E-16 | 8.449 | No | 28.1137 | 4.052E-16 | 8.449 |
| 22415 | GLOBAL | Cartesian | 28.11371 | 4.052E-16 | 8.27086 | No | 28.11371 | 4.052E-16 | 8.27086 |
| 22416 | GLOBAL | Cartesian | 27.91549 | 4.295E-16 | 8.98145 | No | 27.91549 | 4.295E-16 | 8.98145 |
| 22417 | GLOBAL | Cartesian | 27.91549 | 4.295E-16 | 8.80333 | No | 27.91549 | 4.295E-16 | 8.80333 |
| 22418 | GLOBAL | Cartesian | 27.9155 | 4.295E-16 | 8.62522 | No | 27.9155 | 4.295E-16 | 8.62522 |
| 22419 | GLOBAL | Cartesian | 27.9155 | 4.295E-16 | 8.4471 | No | 27.9155 | 4.295E-16 | 8.4471 |
| 22420 | GLOBAL | Cartesian | 27.91551 | 4.295E-16 | 8.26898 | No | 27.91551 | 4.295E-16 | 8.26898 |
| 22421 | GLOBAL | Cartesian | 27.71728 | 4.538E-16 | 8.97946 | No | 27.71728 | 4.538E-16 | 8.97946 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22422 | GLOBAL | Cartesian | 27.71729 | 4.538E-16 | 8.80137 | No | 27.71729 | 4.538E-16 | 8.80137 |
| 22423 | GLOBAL | Cartesian | 27.71729 | 4.538E-16 | 8.62328 | No | 27.71729 | 4.538E-16 | 8.62328 |
| 22424 | GLOBAL | Cartesian | 27.7173 | 4.538E-16 | 8.44519 | No | 27.7173 | 4.538E-16 | 8.44519 |
| 22425 | GLOBAL | Cartesian | 27.71731 | 4.538E-16 | 8.26711 | No | 27.71731 | 4.538E-16 | 8.26711 |
| 22426 | GLOBAL | Cartesian | 27.51908 | 4.78E-16 | 8.97748 | No | 27.51908 | 4.78E-16 | 8.97748 |
| 22427 | GLOBAL | Cartesian | 27.51908 | 4.78E-16 | 8.79942 | No | 27.51908 | 4.78E-16 | 8.79942 |
| 22428 | GLOBAL | Cartesian | 27.51909 | 4.78E-16 | 8.62135 | No | 27.51909 | 4.78E-16 | 8.62135 |
| 22429 | GLOBAL | Cartesian | 27.5191 | 4.78E-16 | 8.44329 | No | 27.5191 | 4.78E-16 | 8.44329 |
| 22430 | GLOBAL | Cartesian | 27.51911 | 4.78E-16 | 8.26523 | No | 27.51911 | 4.78E-16 | 8.26523 |
| 22431 | GLOBAL | Cartesian | 27.32087 | 5.023E-16 | 8.97549 | No | 27.32087 | 5.023E-16 | 8.97549 |
| 22432 | GLOBAL | Cartesian | 27.32088 | 5.023E-16 | 8.79746 | No | 27.32088 | 5.023E-16 | 8.79746 |
| 22433 | GLOBAL | Cartesian | 27.32089 | 5.023E-16 | 8.61942 | No | 27.32089 | 5.023E-16 | 8.61942 |
| 22434 | GLOBAL | Cartesian | 27.3209 | 5.023E-16 | 8.44139 | No | 27.3209 | 5.023E-16 | 8.44139 |
| 22435 | GLOBAL | Cartesian | 27.3209 | 5.023E-16 | 8.26335 | No | 27.3209 | 5.023E-16 | 8.26335 |
| 22436 | GLOBAL | Cartesian | 26.55071 | 5.966E-16 | 8.96404 | No | 26.55071 | 5.966E-16 | 8.96404 |
| 22437 | GLOBAL | Cartesian | 26.55071 | 5.966E-16 | 8.78622 | No | 26.55071 | 5.966E-16 | 8.78622 |
| 22438 | GLOBAL | Cartesian | 26.55071 | 5.966E-16 | 8.60841 | No | 26.55071 | 5.966E-16 | 8.60841 |
| 22439 | GLOBAL | Cartesian | 26.55071 | 5.966E-16 | 8.4306 | No | 26.55071 | 5.966E-16 | 8.4306 |
| 22440 | GLOBAL | Cartesian | 26.55071 | 5.966E-16 | 8.25279 | No | 26.55071 | 5.966E-16 | 8.25279 |
| 22441 | GLOBAL | Cartesian | 26.3787 | 6.177E-16 | 8.96119 | No | 26.3787 | 6.177E-16 | 8.96119 |
| 22442 | GLOBAL | Cartesian | 26.3787 | 6.177E-16 | 8.78329 | No | 26.3787 | 6.177E-16 | 8.78329 |
| 22443 | GLOBAL | Cartesian | 26.3787 | 6.177E-16 | 8.60539 | No | 26.3787 | 6.177E-16 | 8.60539 |
| 22444 | GLOBAL | Cartesian | 26.3787 | 6.177E-16 | 8.42749 | No | 26.3787 | 6.177E-16 | 8.42749 |
| 22445 | GLOBAL | Cartesian | 26.3787 | 6.177E-16 | 8.24959 | No | 26.3787 | 6.177E-16 | 8.24959 |
| 22446 | GLOBAL | Cartesian | 26.20669 | 6.388E-16 | 8.95834 | No | 26.20669 | 6.388E-16 | 8.95834 |
| 22447 | GLOBAL | Cartesian | 26.20669 | 6.388E-16 | 8.78035 | No | 26.20669 | 6.388E-16 | 8.78035 |
| 22448 | GLOBAL | Cartesian | 26.20669 | 6.388E-16 | 8.60236 | No | 26.20669 | 6.388E-16 | 8.60236 |
| 22449 | GLOBAL | Cartesian | 26.20669 | 6.388E-16 | 8.42438 | No | 26.20669 | 6.388E-16 | 8.42438 |
| 22450 | GLOBAL | Cartesian | 26.20669 | 6.388E-16 | 8.24639 | No | 26.20669 | 6.388E-16 | 8.24639 |
| 22451 | GLOBAL | Cartesian | 26.03468 | 6.598E-16 | 8.77741 | No | 26.03468 | 6.598E-16 | 8.77741 |
| 22452 | GLOBAL | Cartesian | 26.03468 | 6.598E-16 | 8.59934 | No | 26.03468 | 6.598E-16 | 8.59934 |
| 22453 | GLOBAL | Cartesian | 26.03468 | 6.598E-16 | 8.42126 | No | 26.03468 | 6.598E-16 | 8.42126 |
| 22454 | GLOBAL | Cartesian | 25.84348 | 6.832E-16 | 8.95191 | No | 25.84348 | 6.832E-16 | 8.95191 |
| 22455 | GLOBAL | Cartesian | 25.84348 | 6.832E-16 | 8.77384 | No | 25.84348 | 6.832E-16 | 8.77384 |
| 22456 | GLOBAL | Cartesian | 25.84348 | 6.832E-16 | 8.59577 | No | 25.84348 | 6.832E-16 | 8.59577 |
| 22457 | GLOBAL | Cartesian | 25.84348 | 6.832E-16 | 8.4177 | No | 25.84348 | 6.832E-16 | 8.4177 |
| 22458 | GLOBAL | Cartesian | 25.84348 | 6.832E-16 | 8.23963 | No | 25.84348 | 6.832E-16 | 8.23963 |
| 22459 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 8.94833 | No | 25.65229 | 7.066E-16 | 8.94833 |
| 22460 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 8.77027 | No | 25.65229 | 7.066E-16 | 8.77027 |
| 22461 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 8.5922 | No | 25.65229 | 7.066E-16 | 8.5922 |
| 22462 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 8.41414 | No | 25.65229 | 7.066E-16 | 8.41414 |
| 22463 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 8.23607 | No | 25.65229 | 7.066E-16 | 8.23607 |
| 22464 | GLOBAL | Cartesian | 25.46109 | 7.301E-16 | 8.94476 | No | 25.46109 | 7.301E-16 | 8.94476 |
| 22465 | GLOBAL | Cartesian | 25.46109 | 7.301E-16 | 8.7667 | No | 25.46109 | 7.301E-16 | 8.7667 |
| 22466 | GLOBAL | Cartesian | 25.46109 | 7.301E-16 | 8.58864 | No | 25.46109 | 7.301E-16 | 8.58864 |
| 22467 | GLOBAL | Cartesian | 25.46109 | 7.301E-16 | 8.41058 | No | 25.46109 | 7.301E-16 | 8.41058 |
| 22468 | GLOBAL | Cartesian | 25.46109 | 7.301E-16 | 8.23252 | No | 25.46109 | 7.301E-16 | 8.23252 |
| 22469 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 8.94118 | No | 25.2699 | 7.535E-16 | 8.94118 |
| 22470 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 8.76312 | No | 25.2699 | 7.535E-16 | 8.76312 |
| 22471 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 8.58507 | No | 25.2699 | 7.535E-16 | 8.58507 |
| 22472 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 8.40701 | No | 25.2699 | 7.535E-16 | 8.40701 |
| 22473 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 8.22896 | No | 25.2699 | 7.535E-16 | 8.22896 |
| 22474 | GLOBAL | Cartesian | 25.0787 | 7.769E-16 | 8.9376 | No | 25.0787 | 7.769E-16 | 8.9376 |
| 22475 | GLOBAL | Cartesian | 25.0787 | 7.769E-16 | 8.75955 | No | 25.0787 | 7.769E-16 | 8.75955 |
| 22476 | GLOBAL | Cartesian | 25.0787 | 7.769E-16 | 8.5815 | No | 25.0787 | 7.769E-16 | 8.5815 |
| 22477 | GLOBAL | Cartesian | 25.0787 | 7.769E-16 | 8.40345 | No | 25.0787 | 7.769E-16 | 8.40345 |
| 22478 | GLOBAL | Cartesian | 25.0787 | 7.769E-16 | 8.2254 | No | 25.0787 | 7.769E-16 | 8.2254 |
| 22479 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 8.93402 | No | 24.8875 | 8.003E-16 | 8.93402 |
| 22480 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 8.75598 | No | 24.8875 | 8.003E-16 | 8.75598 |
| 22481 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 8.57793 | No | 24.8875 | 8.003E-16 | 8.57793 |
| 22482 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 8.39989 | No | 24.8875 | 8.003E-16 | 8.39989 |
| 22483 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 8.22184 | No | 24.8875 | 8.003E-16 | 8.22184 |
| 22484 | GLOBAL | Cartesian | 24.69631 | 8.237E-16 | 8.93045 | No | 24.69631 | 8.237E-16 | 8.93045 |
| 22485 | GLOBAL | Cartesian | 24.69631 | 8.237E-16 | 8.75241 | No | 24.69631 | 8.237E-16 | 8.75241 |
| 22486 | GLOBAL | Cartesian | 24.69631 | 8.237E-16 | 8.57437 | No | 24.69631 | 8.237E-16 | 8.57437 |
| 22487 | GLOBAL | Cartesian | 24.69631 | 8.237E-16 | 8.39633 | No | 24.69631 | 8.237E-16 | 8.39633 |
| 22488 | GLOBAL | Cartesian | 24.69631 | 8.237E-16 | 8.21829 | No | 24.69631 | 8.237E-16 | 8.21829 |
| 22489 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 8.92687 | No | 24.50511 | 8.471E-16 | 8.92687 |
| 22490 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 8.74883 | No | 24.50511 | 8.471E-16 | 8.74883 |
| 22491 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 8.5708 | No | 24.50511 | 8.471E-16 | 8.5708 |
| 22492 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 8.39276 | No | 24.50511 | 8.471E-16 | 8.39276 |
| 22493 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 8.21473 | No | 24.50511 | 8.471E-16 | 8.21473 |
| 22494 | GLOBAL | Cartesian | 24.31392 | 8.705E-16 | 8.92329 | No | 24.31392 | 8.705E-16 | 8.92329 |
| 22495 | GLOBAL | Cartesian | 24.31392 | 8.705E-16 | 8.74526 | No | 24.31392 | 8.705E-16 | 8.74526 |
| 22496 | GLOBAL | Cartesian | 24.31392 | 8.705E-16 | 8.56723 | No | 24.31392 | 8.705E-16 | 8.56723 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22497 | GLOBAL | Cartesian | 24.31392 | 8.705E-16 | 8.3892 | No | 24.31392 | 8.705E-16 | 8.3892 |
| 22498 | GLOBAL | Cartesian | 24.31392 | 8.705E-16 | 8.21117 | No | 24.31392 | 8.705E-16 | 8.21117 |
| 22499 | GLOBAL | Cartesian | 23.53051 | 9.665E-16 | 8.90443 | No | 23.53051 | 9.665E-16 | 8.90443 |
| 22500 | GLOBAL | Cartesian | 23.53051 | 9.665E-16 | 8.72661 | No | 23.53051 | 9.665E-16 | 8.72661 |
| 22501 | GLOBAL | Cartesian | 23.53051 | 9.665E-16 | 8.54878 | No | 23.53051 | 9.665E-16 | 8.54878 |
| 22502 | GLOBAL | Cartesian | 23.53051 | 9.665E-16 | 8.37095 | No | 23.53051 | 9.665E-16 | 8.37095 |
| 22503 | GLOBAL | Cartesian | 23.53051 | 9.665E-16 | 8.19313 | No | 23.53051 | 9.665E-16 | 8.19313 |
| 22504 | GLOBAL | Cartesian | 23.33939 | 9.899E-16 | 8.8995 | No | 23.33939 | 9.899E-16 | 8.8995 |
| 22505 | GLOBAL | Cartesian | 23.33939 | 9.899E-16 | 8.72158 | No | 23.33939 | 9.899E-16 | 8.72158 |
| 22506 | GLOBAL | Cartesian | 23.33939 | 9.899E-16 | 8.54366 | No | 23.33939 | 9.899E-16 | 8.54366 |
| 22507 | GLOBAL | Cartesian | 23.33939 | 9.899E-16 | 8.36574 | No | 23.33939 | 9.899E-16 | 8.36574 |
| 22508 | GLOBAL | Cartesian | 23.33939 | 9.899E-16 | 8.18782 | No | 23.33939 | 9.899E-16 | 8.18782 |
| 22509 | GLOBAL | Cartesian | 23.14827 | 1.013E-15 | 8.89457 | No | 23.14827 | 1.013E-15 | 8.89457 |
| 22510 | GLOBAL | Cartesian | 23.14827 | 1.013E-15 | 8.71656 | No | 23.14827 | 1.013E-15 | 8.71656 |
| 22511 | GLOBAL | Cartesian | 23.14827 | 1.013E-15 | 8.53855 | No | 23.14827 | 1.013E-15 | 8.53855 |
| 22512 | GLOBAL | Cartesian | 23.14827 | 1.013E-15 | 8.36053 | No | 23.14827 | 1.013E-15 | 8.36053 |
| 22513 | GLOBAL | Cartesian | 23.14827 | 1.013E-15 | 8.18252 | No | 23.14827 | 1.013E-15 | 8.18252 |
| 22514 | GLOBAL | Cartesian | 22.95715 | 1.037E-15 | 8.71154 | No | 22.95715 | 1.037E-15 | 8.71154 |
| 22515 | GLOBAL | Cartesian | 22.95715 | 1.037E-15 | 8.53343 | No | 22.95715 | 1.037E-15 | 8.53343 |
| 22516 | GLOBAL | Cartesian | 22.95715 | 1.037E-15 | 8.35533 | No | 22.95715 | 1.037E-15 | 8.35533 |
| 22517 | GLOBAL | Cartesian | 22.77371 | 1.059E-15 | 8.88453 | No | 22.77371 | 1.059E-15 | 8.88453 |
| 22518 | GLOBAL | Cartesian | 22.77371 | 1.059E-15 | 8.70643 | No | 22.77371 | 1.059E-15 | 8.70643 |
| 22519 | GLOBAL | Cartesian | 22.77372 | 1.059E-15 | 8.52833 | No | 22.77372 | 1.059E-15 | 8.52833 |
| 22520 | GLOBAL | Cartesian | 22.77373 | 1.059E-15 | 8.35023 | No | 22.77373 | 1.059E-15 | 8.35023 |
| 22521 | GLOBAL | Cartesian | 22.77373 | 1.059E-15 | 8.17213 | No | 22.77373 | 1.059E-15 | 8.17213 |
| 22522 | GLOBAL | Cartesian | 22.59026 | 1.082E-15 | 8.87942 | No | 22.59026 | 1.082E-15 | 8.87942 |
| 22523 | GLOBAL | Cartesian | 22.59027 | 1.082E-15 | 8.70133 | No | 22.59027 | 1.082E-15 | 8.70133 |
| 22524 | GLOBAL | Cartesian | 22.59028 | 1.082E-15 | 8.52323 | No | 22.59028 | 1.082E-15 | 8.52323 |
| 22525 | GLOBAL | Cartesian | 22.5903 | 1.082E-15 | 8.34514 | No | 22.5903 | 1.082E-15 | 8.34514 |
| 22526 | GLOBAL | Cartesian | 22.59031 | 1.082E-15 | 8.16704 | No | 22.59031 | 1.082E-15 | 8.16704 |
| 22527 | GLOBAL | Cartesian | 22.40681 | 1.104E-15 | 8.87431 | No | 22.40681 | 1.104E-15 | 8.87431 |
| 22528 | GLOBAL | Cartesian | 22.40683 | 1.104E-15 | 8.69622 | No | 22.40683 | 1.104E-15 | 8.69622 |
| 22529 | GLOBAL | Cartesian | 22.40685 | 1.104E-15 | 8.51813 | No | 22.40685 | 1.104E-15 | 8.51813 |
| 22530 | GLOBAL | Cartesian | 22.40687 | 1.104E-15 | 8.34004 | No | 22.40687 | 1.104E-15 | 8.34004 |
| 22531 | GLOBAL | Cartesian | 22.40689 | 1.104E-15 | 8.16195 | No | 22.40689 | 1.104E-15 | 8.16195 |
| 22532 | GLOBAL | Cartesian | 22.22337 | 1.127E-15 | 8.8692 | No | 22.22337 | 1.127E-15 | 8.8692 |
| 22533 | GLOBAL | Cartesian | 22.22339 | 1.127E-15 | 8.69112 | No | 22.22339 | 1.127E-15 | 8.69112 |
| 22534 | GLOBAL | Cartesian | 22.22341 | 1.127E-15 | 8.51303 | No | 22.22341 | 1.127E-15 | 8.51303 |
| 22535 | GLOBAL | Cartesian | 22.22344 | 1.127E-15 | 8.33495 | No | 22.22344 | 1.127E-15 | 8.33495 |
| 22536 | GLOBAL | Cartesian | 22.22346 | 1.127E-15 | 8.15687 | No | 22.22346 | 1.127E-15 | 8.15687 |
| 22537 | GLOBAL | Cartesian | 22.03992 | 1.149E-15 | 8.86409 | No | 22.03992 | 1.149E-15 | 8.86409 |
| 22538 | GLOBAL | Cartesian | 22.03995 | 1.149E-15 | 8.68601 | No | 22.03995 | 1.149E-15 | 8.68601 |
| 22539 | GLOBAL | Cartesian | 22.03998 | 1.149E-15 | 8.50793 | No | 22.03998 | 1.149E-15 | 8.50793 |
| 22540 | GLOBAL | Cartesian | 22.04001 | 1.149E-15 | 8.32986 | No | 22.04001 | 1.149E-15 | 8.32986 |
| 22541 | GLOBAL | Cartesian | 22.04004 | 1.149E-15 | 8.15178 | No | 22.04004 | 1.149E-15 | 8.15178 |
| 22542 | GLOBAL | Cartesian | 21.85647 | 1.171E-15 | 8.85898 | No | 21.85647 | 1.171E-15 | 8.85898 |
| 22543 | GLOBAL | Cartesian | 21.85651 | 1.171E-15 | 8.68091 | No | 21.85651 | 1.171E-15 | 8.68091 |
| 22544 | GLOBAL | Cartesian | 21.85654 | 1.171E-15 | 8.50284 | No | 21.85654 | 1.171E-15 | 8.50284 |
| 22545 | GLOBAL | Cartesian | 21.85658 | 1.171E-15 | 8.32476 | No | 21.85658 | 1.171E-15 | 8.32476 |
| 22546 | GLOBAL | Cartesian | 21.85662 | 1.171E-15 | 8.14669 | No | 21.85662 | 1.171E-15 | 8.14669 |
| 22547 | GLOBAL | Cartesian | 21.67302 | 1.194E-15 | 8.85387 | No | 21.67302 | 1.194E-15 | 8.85387 |
| 22548 | GLOBAL | Cartesian | 21.67307 | 1.194E-15 | 8.6758 | No | 21.67307 | 1.194E-15 | 8.6758 |
| 22549 | GLOBAL | Cartesian | 21.67311 | 1.194E-15 | 8.49774 | No | 21.67311 | 1.194E-15 | 8.49774 |
| 22550 | GLOBAL | Cartesian | 21.67315 | 1.194E-15 | 8.31967 | No | 21.67315 | 1.194E-15 | 8.31967 |
| 22551 | GLOBAL | Cartesian | 21.6732 | 1.194E-15 | 8.1416 | No | 21.6732 | 1.194E-15 | 8.1416 |
| 22552 | GLOBAL | Cartesian | 21.48958 | 1.216E-15 | 8.84876 | No | 21.48958 | 1.216E-15 | 8.84876 |
| 22553 | GLOBAL | Cartesian | 21.48963 | 1.216E-15 | 8.6707 | No | 21.48963 | 1.216E-15 | 8.6707 |
| 22554 | GLOBAL | Cartesian | 21.48967 | 1.216E-15 | 8.49264 | No | 21.48967 | 1.216E-15 | 8.49264 |
| 22555 | GLOBAL | Cartesian | 21.48972 | 1.216E-15 | 8.31457 | No | 21.48972 | 1.216E-15 | 8.31457 |
| 22556 | GLOBAL | Cartesian | 21.48977 | 1.216E-15 | 8.13651 | No | 21.48977 | 1.216E-15 | 8.13651 |
| 22557 | GLOBAL | Cartesian | 21.30613 | 1.239E-15 | 8.84365 | No | 21.30613 | 1.239E-15 | 8.84365 |
| 22558 | GLOBAL | Cartesian | 21.30618 | 1.239E-15 | 8.6656 | No | 21.30618 | 1.239E-15 | 8.6656 |
| 22559 | GLOBAL | Cartesian | 21.30624 | 1.239E-15 | 8.48754 | No | 21.30624 | 1.239E-15 | 8.48754 |
| 22560 | GLOBAL | Cartesian | 21.30629 | 1.239E-15 | 8.30948 | No | 21.30629 | 1.239E-15 | 8.30948 |
| 22561 | GLOBAL | Cartesian | 21.30635 | 1.239E-15 | 8.13142 | No | 21.30635 | 1.239E-15 | 8.13142 |
| 22562 | GLOBAL | Cartesian | 20.55378 | 1.331E-15 | 8.81861 | No | 20.55378 | 1.331E-15 | 8.81861 |
| 22563 | GLOBAL | Cartesian | 20.55378 | 1.331E-15 | 8.64078 | No | 20.55378 | 1.331E-15 | 8.64078 |
| 22564 | GLOBAL | Cartesian | 20.55378 | 1.331E-15 | 8.46294 | No | 20.55378 | 1.331E-15 | 8.46294 |
| 22565 | GLOBAL | Cartesian | 20.55378 | 1.331E-15 | 8.2851 | No | 20.55378 | 1.331E-15 | 8.2851 |
| 22566 | GLOBAL | Cartesian | 20.55378 | 1.331E-15 | 8.10726 | No | 20.55378 | 1.331E-15 | 8.10726 |
| 22567 | GLOBAL | Cartesian | 20.38518 | 1.352E-15 | 8.81271 | No | 20.38518 | 1.352E-15 | 8.81271 |
| 22568 | GLOBAL | Cartesian | 20.38518 | 1.352E-15 | 8.63479 | No | 20.38518 | 1.352E-15 | 8.63479 |
| 22569 | GLOBAL | Cartesian | 20.38518 | 1.352E-15 | 8.45687 | No | 20.38518 | 1.352E-15 | 8.45687 |
| 22570 | GLOBAL | Cartesian | 20.38518 | 1.352E-15 | 8.27896 | No | 20.38518 | 1.352E-15 | 8.27896 |
| 22571 | GLOBAL | Cartesian | 20.38518 | 1.352E-15 | 8.10104 | No | 20.38518 | 1.352E-15 | 8.10104 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22572 | GLOBAL | Cartesian | 20.21658 | 1.372E-15 | 8.8068 | No | 20.21658 | 1.372E-15 | 8.8068 |
| 22573 | GLOBAL | Cartesian | 20.21658 | 1.372E-15 | 8.62881 | No | 20.21658 | 1.372E-15 | 8.62881 |
| 22574 | GLOBAL | Cartesian | 20.21658 | 1.372E-15 | 8.45081 | No | 20.21658 | 1.372E-15 | 8.45081 |
| 22575 | GLOBAL | Cartesian | 20.21658 | 1.372E-15 | 8.27282 | No | 20.21658 | 1.372E-15 | 8.27282 |
| 22576 | GLOBAL | Cartesian | 20.21658 | 1.372E-15 | 8.09482 | No | 20.21658 | 1.372E-15 | 8.09482 |
| 22577 | GLOBAL | Cartesian | 20.04798 | 1.393E-15 | 8.80089 | No | 20.04798 | 1.393E-15 | 8.80089 |
| 22578 | GLOBAL | Cartesian | 20.04798 | 1.393E-15 | 8.62282 | No | 20.04798 | 1.393E-15 | 8.62282 |
| 22579 | GLOBAL | Cartesian | 20.04798 | 1.393E-15 | 8.44475 | No | 20.04798 | 1.393E-15 | 8.44475 |
| 22580 | GLOBAL | Cartesian | 20.04798 | 1.393E-15 | 8.26668 | No | 20.04798 | 1.393E-15 | 8.26668 |
| 22581 | GLOBAL | Cartesian | 20.04798 | 1.393E-15 | 8.08861 | No | 20.04798 | 1.393E-15 | 8.08861 |
| 22582 | GLOBAL | Cartesian | 19.87938 | 1.414E-15 | 8.61684 | No | 19.87938 | 1.414E-15 | 8.61684 |
| 22583 | GLOBAL | Cartesian | 19.87938 | 1.414E-15 | 8.43869 | No | 19.87938 | 1.414E-15 | 8.43869 |
| 22584 | GLOBAL | Cartesian | 19.87938 | 1.414E-15 | 8.26054 | No | 19.87938 | 1.414E-15 | 8.26054 |
| 22585 | GLOBAL | Cartesian | 19.68422 | 1.438E-15 | 8.78776 | No | 19.68422 | 1.438E-15 | 8.78776 |
| 22586 | GLOBAL | Cartesian | 19.68422 | 1.438E-15 | 8.60962 | No | 19.68422 | 1.438E-15 | 8.60962 |
| 22587 | GLOBAL | Cartesian | 19.68422 | 1.438E-15 | 8.43148 | No | 19.68422 | 1.438E-15 | 8.43148 |
| 22588 | GLOBAL | Cartesian | 19.68422 | 1.438E-15 | 8.25333 | No | 19.68422 | 1.438E-15 | 8.25333 |
| 22589 | GLOBAL | Cartesian | 19.68422 | 1.438E-15 | 8.07519 | No | 19.68422 | 1.438E-15 | 8.07519 |
| 22590 | GLOBAL | Cartesian | 19.48906 | 1.461E-15 | 8.78054 | No | 19.48906 | 1.461E-15 | 8.78054 |
| 22591 | GLOBAL | Cartesian | 19.48906 | 1.461E-15 | 8.60241 | No | 19.48906 | 1.461E-15 | 8.60241 |
| 22592 | GLOBAL | Cartesian | 19.48906 | 1.461E-15 | 8.42427 | No | 19.48906 | 1.461E-15 | 8.42427 |
| 22593 | GLOBAL | Cartesian | 19.48906 | 1.461E-15 | 8.24613 | No | 19.48906 | 1.461E-15 | 8.24613 |
| 22594 | GLOBAL | Cartesian | 19.48906 | 1.461E-15 | 8.06799 | No | 19.48906 | 1.461E-15 | 8.06799 |
| 22595 | GLOBAL | Cartesian | 19.2939 | 1.485E-15 | 8.77332 | No | 19.2939 | 1.485E-15 | 8.77332 |
| 22596 | GLOBAL | Cartesian | 19.2939 | 1.485E-15 | 8.59519 | No | 19.2939 | 1.485E-15 | 8.59519 |
| 22597 | GLOBAL | Cartesian | 19.2939 | 1.485E-15 | 8.41706 | No | 19.2939 | 1.485E-15 | 8.41706 |
| 22598 | GLOBAL | Cartesian | 19.2939 | 1.485E-15 | 8.23892 | No | 19.2939 | 1.485E-15 | 8.23892 |
| 22599 | GLOBAL | Cartesian | 19.2939 | 1.485E-15 | 8.06079 | No | 19.2939 | 1.485E-15 | 8.06079 |
| 22600 | GLOBAL | Cartesian | 19.09873 | 1.509E-15 | 8.7661 | No | 19.09873 | 1.509E-15 | 8.7661 |
| 22601 | GLOBAL | Cartesian | 19.09873 | 1.509E-15 | 8.58797 | No | 19.09873 | 1.509E-15 | 8.58797 |
| 22602 | GLOBAL | Cartesian | 19.09873 | 1.509E-15 | 8.40985 | No | 19.09873 | 1.509E-15 | 8.40985 |
| 22603 | GLOBAL | Cartesian | 19.09873 | 1.509E-15 | 8.23172 | No | 19.09873 | 1.509E-15 | 8.23172 |
| 22604 | GLOBAL | Cartesian | 19.09873 | 1.509E-15 | 8.05359 | No | 19.09873 | 1.509E-15 | 8.05359 |
| 22605 | GLOBAL | Cartesian | 18.90357 | 1.533E-15 | 8.75888 | No | 18.90357 | 1.533E-15 | 8.75888 |
| 22606 | GLOBAL | Cartesian | 18.90357 | 1.533E-15 | 8.58076 | No | 18.90357 | 1.533E-15 | 8.58076 |
| 22607 | GLOBAL | Cartesian | 18.90357 | 1.533E-15 | 8.40264 | No | 18.90357 | 1.533E-15 | 8.40264 |
| 22608 | GLOBAL | Cartesian | 18.90357 | 1.533E-15 | 8.22452 | No | 18.90357 | 1.533E-15 | 8.22452 |
| 22609 | GLOBAL | Cartesian | 18.90357 | 1.533E-15 | 8.04639 | No | 18.90357 | 1.533E-15 | 8.04639 |
| 22610 | GLOBAL | Cartesian | 18.70841 | 1.557E-15 | 8.75166 | No | 18.70841 | 1.557E-15 | 8.75166 |
| 22611 | GLOBAL | Cartesian | 18.70841 | 1.557E-15 | 8.57354 | No | 18.70841 | 1.557E-15 | 8.57354 |
| 22612 | GLOBAL | Cartesian | 18.70841 | 1.557E-15 | 8.39543 | No | 18.70841 | 1.557E-15 | 8.39543 |
| 22613 | GLOBAL | Cartesian | 18.70841 | 1.557E-15 | 8.21731 | No | 18.70841 | 1.557E-15 | 8.21731 |
| 22614 | GLOBAL | Cartesian | 18.70841 | 1.557E-15 | 8.0392 | No | 18.70841 | 1.557E-15 | 8.0392 |
| 22615 | GLOBAL | Cartesian | 18.51325 | 1.581E-15 | 8.74444 | No | 18.51325 | 1.581E-15 | 8.74444 |
| 22616 | GLOBAL | Cartesian | 18.51325 | 1.581E-15 | 8.56633 | No | 18.51325 | 1.581E-15 | 8.56633 |
| 22617 | GLOBAL | Cartesian | 18.51325 | 1.581E-15 | 8.38822 | No | 18.51325 | 1.581E-15 | 8.38822 |
| 22618 | GLOBAL | Cartesian | 18.51325 | 1.581E-15 | 8.21011 | No | 18.51325 | 1.581E-15 | 8.21011 |
| 22619 | GLOBAL | Cartesian | 18.51325 | 1.581E-15 | 8.032 | No | 18.51325 | 1.581E-15 | 8.032 |
| 22620 | GLOBAL | Cartesian | 18.31808 | 1.605E-15 | 8.73722 | No | 18.31808 | 1.605E-15 | 8.73722 |
| 22621 | GLOBAL | Cartesian | 18.31808 | 1.605E-15 | 8.55911 | No | 18.31808 | 1.605E-15 | 8.55911 |
| 22622 | GLOBAL | Cartesian | 18.31808 | 1.605E-15 | 8.38101 | No | 18.31808 | 1.605E-15 | 8.38101 |
| 22623 | GLOBAL | Cartesian | 18.31808 | 1.605E-15 | 8.2029 | No | 18.31808 | 1.605E-15 | 8.2029 |
| 22624 | GLOBAL | Cartesian | 18.31808 | 1.605E-15 | 8.0248 | No | 18.31808 | 1.605E-15 | 8.0248 |
| 22625 | GLOBAL | Cartesian | 17.53613 | 1.701E-15 | 8.70401 | No | 17.53613 | 1.701E-15 | 8.70401 |
| 22626 | GLOBAL | Cartesian | 17.53613 | 1.701E-15 | 8.52613 | No | 17.53613 | 1.701E-15 | 8.52613 |
| 22627 | GLOBAL | Cartesian | 17.53613 | 1.701E-15 | 8.34825 | No | 17.53613 | 1.701E-15 | 8.34825 |
| 22628 | GLOBAL | Cartesian | 17.53613 | 1.701E-15 | 8.17036 | No | 17.53613 | 1.701E-15 | 8.17036 |
| 22629 | GLOBAL | Cartesian | 17.53613 | 1.701E-15 | 7.99248 | No | 17.53613 | 1.701E-15 | 7.99248 |
| 22630 | GLOBAL | Cartesian | 17.34954 | 1.723E-15 | 8.69575 | No | 17.34954 | 1.723E-15 | 8.69575 |
| 22631 | GLOBAL | Cartesian | 17.34954 | 1.723E-15 | 8.51779 | No | 17.34954 | 1.723E-15 | 8.51779 |
| 22632 | GLOBAL | Cartesian | 17.34954 | 1.723E-15 | 8.33982 | No | 17.34954 | 1.723E-15 | 8.33982 |
| 22633 | GLOBAL | Cartesian | 17.34954 | 1.723E-15 | 8.16186 | No | 17.34954 | 1.723E-15 | 8.16186 |
| 22634 | GLOBAL | Cartesian | 17.34954 | 1.723E-15 | 7.98389 | No | 17.34954 | 1.723E-15 | 7.98389 |
| 22635 | GLOBAL | Cartesian | 17.16294 | 1.746E-15 | 8.68749 | No | 17.16294 | 1.746E-15 | 8.68749 |
| 22636 | GLOBAL | Cartesian | 17.16294 | 1.746E-15 | 8.50944 | No | 17.16294 | 1.746E-15 | 8.50944 |
| 22637 | GLOBAL | Cartesian | 17.16294 | 1.746E-15 | 8.3314 | No | 17.16294 | 1.746E-15 | 8.3314 |
| 22638 | GLOBAL | Cartesian | 17.16294 | 1.746E-15 | 8.15335 | No | 17.16294 | 1.746E-15 | 8.15335 |
| 22639 | GLOBAL | Cartesian | 17.16294 | 1.746E-15 | 7.9753 | No | 17.16294 | 1.746E-15 | 7.9753 |
| 22640 | GLOBAL | Cartesian | 16.97635 | 1.769E-15 | 8.67923 | No | 16.97635 | 1.769E-15 | 8.67923 |
| 22641 | GLOBAL | Cartesian | 16.97635 | 1.769E-15 | 8.5011 | No | 16.97635 | 1.769E-15 | 8.5011 |
| 22642 | GLOBAL | Cartesian | 16.97635 | 1.769E-15 | 8.32297 | No | 16.97635 | 1.769E-15 | 8.32297 |
| 22643 | GLOBAL | Cartesian | 16.97635 | 1.769E-15 | 8.14484 | No | 16.97635 | 1.769E-15 | 8.14484 |
| 22644 | GLOBAL | Cartesian | 16.97635 | 1.769E-15 | 7.96671 | No | 16.97635 | 1.769E-15 | 7.96671 |
| 22645 | GLOBAL | Cartesian | 16.78976 | 1.792E-15 | 8.49276 | No | 16.78976 | 1.792E-15 | 8.49276 |
| 22646 | GLOBAL | Cartesian | 16.78976 | 1.792E-15 | 8.31454 | No | 16.78976 | 1.792E-15 | 8.31454 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22647 | GLOBAL | Cartesian | 16.78976 | 1.792E-15 | 8.13633 | No | 16.78976 | 1.792E-15 | 8.13633 |
| 22648 | GLOBAL | Cartesian | 16.60455 | 1.815E-15 | 8.66255 | No | 16.60455 | 1.815E-15 | 8.66255 |
| 22649 | GLOBAL | Cartesian | 16.60455 | 1.815E-15 | 8.48431 | No | 16.60455 | 1.815E-15 | 8.48431 |
| 22650 | GLOBAL | Cartesian | 16.60455 | 1.815E-15 | 8.30607 | No | 16.60455 | 1.815E-15 | 8.30607 |
| 22651 | GLOBAL | Cartesian | 16.60455 | 1.815E-15 | 8.12784 | No | 16.60455 | 1.815E-15 | 8.12784 |
| 22652 | GLOBAL | Cartesian | 16.60455 | 1.815E-15 | 7.9496 | No | 16.60455 | 1.815E-15 | 7.9496 |
| 22653 | GLOBAL | Cartesian | 16.41935 | 1.837E-15 | 8.65413 | No | 16.41935 | 1.837E-15 | 8.65413 |
| 22654 | GLOBAL | Cartesian | 16.41935 | 1.837E-15 | 8.47586 | No | 16.41935 | 1.837E-15 | 8.47586 |
| 22655 | GLOBAL | Cartesian | 16.41935 | 1.837E-15 | 8.2976 | No | 16.41935 | 1.837E-15 | 8.2976 |
| 22656 | GLOBAL | Cartesian | 16.41935 | 1.837E-15 | 8.11934 | No | 16.41935 | 1.837E-15 | 8.11934 |
| 22657 | GLOBAL | Cartesian | 16.41935 | 1.837E-15 | 7.94107 | No | 16.41935 | 1.837E-15 | 7.94107 |
| 22658 | GLOBAL | Cartesian | 16.23415 | 1.86E-15 | 8.64571 | No | 16.23415 | 1.86E-15 | 8.64571 |
| 22659 | GLOBAL | Cartesian | 16.23415 | 1.86E-15 | 8.46742 | No | 16.23415 | 1.86E-15 | 8.46742 |
| 22660 | GLOBAL | Cartesian | 16.23415 | 1.86E-15 | 8.28913 | No | 16.23415 | 1.86E-15 | 8.28913 |
| 22661 | GLOBAL | Cartesian | 16.23415 | 1.86E-15 | 8.11084 | No | 16.23415 | 1.86E-15 | 8.11084 |
| 22662 | GLOBAL | Cartesian | 16.23415 | 1.86E-15 | 7.93255 | No | 16.23415 | 1.86E-15 | 7.93255 |
| 22663 | GLOBAL | Cartesian | 16.04894 | 1.883E-15 | 8.63729 | No | 16.04894 | 1.883E-15 | 8.63729 |
| 22664 | GLOBAL | Cartesian | 16.04894 | 1.883E-15 | 8.45897 | No | 16.04894 | 1.883E-15 | 8.45897 |
| 22665 | GLOBAL | Cartesian | 16.04894 | 1.883E-15 | 8.28066 | No | 16.04894 | 1.883E-15 | 8.28066 |
| 22666 | GLOBAL | Cartesian | 16.04894 | 1.883E-15 | 8.10234 | No | 16.04894 | 1.883E-15 | 8.10234 |
| 22667 | GLOBAL | Cartesian | 16.04894 | 1.883E-15 | 7.92402 | No | 16.04894 | 1.883E-15 | 7.92402 |
| 22668 | GLOBAL | Cartesian | 15.86374 | 1.905E-15 | 8.62887 | No | 15.86374 | 1.905E-15 | 8.62887 |
| 22669 | GLOBAL | Cartesian | 15.86374 | 1.905E-15 | 8.45053 | No | 15.86374 | 1.905E-15 | 8.45053 |
| 22670 | GLOBAL | Cartesian | 15.86374 | 1.905E-15 | 8.27218 | No | 15.86374 | 1.905E-15 | 8.27218 |
| 22671 | GLOBAL | Cartesian | 15.86374 | 1.905E-15 | 8.09384 | No | 15.86374 | 1.905E-15 | 8.09384 |
| 22672 | GLOBAL | Cartesian | 15.86374 | 1.905E-15 | 7.9155 | No | 15.86374 | 1.905E-15 | 7.9155 |
| 22673 | GLOBAL | Cartesian | 15.67853 | 1.928E-15 | 8.62045 | No | 15.67853 | 1.928E-15 | 8.62045 |
| 22674 | GLOBAL | Cartesian | 15.67853 | 1.928E-15 | 8.44208 | No | 15.67853 | 1.928E-15 | 8.44208 |
| 22675 | GLOBAL | Cartesian | 15.67853 | 1.928E-15 | 8.26371 | No | 15.67853 | 1.928E-15 | 8.26371 |
| 22676 | GLOBAL | Cartesian | 15.67853 | 1.928E-15 | 8.08534 | No | 15.67853 | 1.928E-15 | 8.08534 |
| 22677 | GLOBAL | Cartesian | 15.67853 | 1.928E-15 | 7.90697 | No | 15.67853 | 1.928E-15 | 7.90697 |
| 22678 | GLOBAL | Cartesian | 15.49333 | 1.951E-15 | 8.61204 | No | 15.49333 | 1.951E-15 | 8.61204 |
| 22679 | GLOBAL | Cartesian | 15.49333 | 1.951E-15 | 8.43364 | No | 15.49333 | 1.951E-15 | 8.43364 |
| 22680 | GLOBAL | Cartesian | 15.49333 | 1.951E-15 | 8.25524 | No | 15.49333 | 1.951E-15 | 8.25524 |
| 22681 | GLOBAL | Cartesian | 15.49333 | 1.951E-15 | 8.07684 | No | 15.49333 | 1.951E-15 | 8.07684 |
| 22682 | GLOBAL | Cartesian | 15.49333 | 1.951E-15 | 7.89845 | No | 15.49333 | 1.951E-15 | 7.89845 |
| 22683 | GLOBAL | Cartesian | 15.30813 | 1.973E-15 | 8.60362 | No | 15.30813 | 1.973E-15 | 8.60362 |
| 22684 | GLOBAL | Cartesian | 15.30813 | 1.973E-15 | 8.42519 | No | 15.30813 | 1.973E-15 | 8.42519 |
| 22685 | GLOBAL | Cartesian | 15.30813 | 1.973E-15 | 8.24677 | No | 15.30813 | 1.973E-15 | 8.24677 |
| 22686 | GLOBAL | Cartesian | 15.30813 | 1.973E-15 | 8.06834 | No | 15.30813 | 1.973E-15 | 8.06834 |
| 22687 | GLOBAL | Cartesian | 15.30813 | 1.973E-15 | 7.88992 | No | 15.30813 | 1.973E-15 | 7.88992 |
| 22688 | GLOBAL | Cartesian | 29.57525 | 2.262E-16 | 9.12235 | No | 29.57525 | 2.262E-16 | 9.12235 |
| 22689 | GLOBAL | Cartesian | 29.42665 | 2.444E-16 | 9.11597 | No | 29.42665 | 2.444E-16 | 9.11597 |
| 22690 | GLOBAL | Cartesian | 29.27804 | 2.626E-16 | 9.1096 | No | 29.27804 | 2.626E-16 | 9.1096 |
| 22691 | GLOBAL | Cartesian | 29.12944 | 2.808E-16 | 9.10322 | No | 29.12944 | 2.808E-16 | 9.10322 |
| 22692 | GLOBAL | Cartesian | 28.98084 | 2.99E-16 | 9.09684 | No | 28.98084 | 2.99E-16 | 9.09684 |
| 22693 | GLOBAL | Cartesian | 29.42777 | 2.443E-16 | 9.24549 | No | 29.42777 | 2.443E-16 | 9.24549 |
| 22694 | GLOBAL | Cartesian | 29.28507 | 2.618E-16 | 9.2342 | No | 29.28507 | 2.618E-16 | 9.2342 |
| 22695 | GLOBAL | Cartesian | 29.14237 | 2.793E-16 | 9.22291 | No | 29.14237 | 2.793E-16 | 9.22291 |
| 22696 | GLOBAL | Cartesian | 28.99967 | 2.967E-16 | 9.21162 | No | 28.99967 | 2.967E-16 | 9.21162 |
| 22697 | GLOBAL | Cartesian | 28.85697 | 3.142E-16 | 9.20032 | No | 28.85697 | 3.142E-16 | 9.20032 |
| 22698 | GLOBAL | Cartesian | 29.2803 | 2.624E-16 | 9.36863 | No | 29.2803 | 2.624E-16 | 9.36863 |
| 22699 | GLOBAL | Cartesian | 29.1435 | 2.791E-16 | 9.35242 | No | 29.1435 | 2.791E-16 | 9.35242 |
| 22700 | GLOBAL | Cartesian | 29.0067 | 2.959E-16 | 9.33622 | No | 29.0067 | 2.959E-16 | 9.33622 |
| 22701 | GLOBAL | Cartesian | 28.86989 | 3.126E-16 | 9.32001 | No | 28.86989 | 3.126E-16 | 9.32001 |
| 22702 | GLOBAL | Cartesian | 28.73309 | 3.294E-16 | 9.30381 | No | 28.73309 | 3.294E-16 | 9.30381 |
| 22703 | GLOBAL | Cartesian | 29.13282 | 2.804E-16 | 9.49177 | No | 29.13282 | 2.804E-16 | 9.49177 |
| 22704 | GLOBAL | Cartesian | 29.00192 | 2.964E-16 | 9.47065 | No | 29.00192 | 2.964E-16 | 9.47065 |
| 22705 | GLOBAL | Cartesian | 28.87102 | 3.125E-16 | 9.44953 | No | 28.87102 | 3.125E-16 | 9.44953 |
| 22706 | GLOBAL | Cartesian | 28.74012 | 3.285E-16 | 9.42841 | No | 28.74012 | 3.285E-16 | 9.42841 |
| 22707 | GLOBAL | Cartesian | 28.60922 | 3.445E-16 | 9.40729 | No | 28.60922 | 3.445E-16 | 9.40729 |
| 22708 | GLOBAL | Cartesian | 28.98535 | 2.985E-16 | 9.61491 | No | 28.98535 | 2.985E-16 | 9.61491 |
| 22709 | GLOBAL | Cartesian | 28.86035 | 3.138E-16 | 9.58888 | No | 28.86035 | 3.138E-16 | 9.58888 |
| 22710 | GLOBAL | Cartesian | 28.73535 | 3.291E-16 | 9.56284 | No | 28.73535 | 3.291E-16 | 9.56284 |
| 22711 | GLOBAL | Cartesian | 28.61034 | 3.444E-16 | 9.53681 | No | 28.61034 | 3.444E-16 | 9.53681 |
| 22712 | GLOBAL | Cartesian | 28.48534 | 3.597E-16 | 9.51077 | No | 28.48534 | 3.597E-16 | 9.51077 |
| 22713 | GLOBAL | Cartesian | 28.83788 | 3.165E-16 | 9.73805 | No | 28.83788 | 3.165E-16 | 9.73805 |
| 22714 | GLOBAL | Cartesian | 28.71877 | 3.311E-16 | 9.7071 | No | 28.71877 | 3.311E-16 | 9.7071 |
| 22715 | GLOBAL | Cartesian | 28.59967 | 3.457E-16 | 9.67615 | No | 28.59967 | 3.457E-16 | 9.67615 |
| 22716 | GLOBAL | Cartesian | 28.48057 | 3.603E-16 | 9.64521 | No | 28.48057 | 3.603E-16 | 9.64521 |
| 22717 | GLOBAL | Cartesian | 28.36147 | 3.749E-16 | 9.61426 | No | 28.36147 | 3.749E-16 | 9.61426 |
| 22718 | GLOBAL | Cartesian | 28.6904 | 3.346E-16 | 9.86119 | No | 28.6904 | 3.346E-16 | 9.86119 |
| 22719 | GLOBAL | Cartesian | 28.5772 | 3.485E-16 | 9.82533 | No | 28.5772 | 3.485E-16 | 9.82533 |
| 22720 | GLOBAL | Cartesian | 28.464 | 3.623E-16 | 9.78947 | No | 28.464 | 3.623E-16 | 9.78947 |
| 22721 | GLOBAL | Cartesian | 28.3508 | 3.762E-16 | 9.7536 | No | 28.3508 | 3.762E-16 | 9.7536 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22722 | GLOBAL | Cartesian | 28.23759 | 3.901E-16 | 9.71774 | No | 28.23759 | 3.901E-16 | 9.71774 |
| 22723 | GLOBAL | Cartesian | 28.54293 | 3.527E-16 | 9.98433 | No | 28.54293 | 3.527E-16 | 9.98433 |
| 22724 | GLOBAL | Cartesian | 28.43563 | 3.658E-16 | 9.94355 | No | 28.43563 | 3.658E-16 | 9.94355 |
| 22725 | GLOBAL | Cartesian | 28.32832 | 3.789E-16 | 9.90278 | No | 28.32832 | 3.789E-16 | 9.90278 |
| 22726 | GLOBAL | Cartesian | 28.22102 | 3.921E-16 | 9.862 | No | 28.22102 | 3.921E-16 | 9.862 |
| 22727 | GLOBAL | Cartesian | 28.11372 | 4.052E-16 | 9.82123 | No | 28.11372 | 4.052E-16 | 9.82123 |
| 22728 | GLOBAL | Cartesian | 28.39545 | 3.707E-16 | 10.10747 | No | 28.39545 | 3.707E-16 | 10.10747 |
| 22729 | GLOBAL | Cartesian | 28.29405 | 3.831E-16 | 10.06178 | No | 28.29405 | 3.831E-16 | 10.06178 |
| 22730 | GLOBAL | Cartesian | 28.19265 | 3.956E-16 | 10.01609 | No | 28.19265 | 3.956E-16 | 10.01609 |
| 22731 | GLOBAL | Cartesian | 28.09125 | 4.08E-16 | 9.9704 | No | 28.09125 | 4.08E-16 | 9.9704 |
| 22732 | GLOBAL | Cartesian | 27.98984 | 4.204E-16 | 9.92471 | No | 27.98984 | 4.204E-16 | 9.92471 |
| 22733 | GLOBAL | Cartesian | 28.24798 | 3.888E-16 | 10.23061 | No | 28.24798 | 3.888E-16 | 10.23061 |
| 22734 | GLOBAL | Cartesian | 28.15248 | 4.005E-16 | 10.18 | No | 28.15248 | 4.005E-16 | 10.18 |
| 22735 | GLOBAL | Cartesian | 28.05697 | 4.122E-16 | 10.1294 | No | 28.05697 | 4.122E-16 | 10.1294 |
| 22736 | GLOBAL | Cartesian | 27.96147 | 4.239E-16 | 10.0788 | No | 27.96147 | 4.239E-16 | 10.0788 |
| 22737 | GLOBAL | Cartesian | 27.86597 | 4.356E-16 | 10.02819 | No | 27.86597 | 4.356E-16 | 10.02819 |
| 22738 | GLOBAL | Cartesian | 28.10051 | 4.068E-16 | 10.35375 | No | 28.10051 | 4.068E-16 | 10.35375 |
| 22739 | GLOBAL | Cartesian | 28.0109 | 4.178E-16 | 10.29823 | No | 28.0109 | 4.178E-16 | 10.29823 |
| 22740 | GLOBAL | Cartesian | 27.9213 | 4.288E-16 | 10.24271 | No | 27.9213 | 4.288E-16 | 10.24271 |
| 22741 | GLOBAL | Cartesian | 27.8317 | 4.398E-16 | 10.18719 | No | 27.8317 | 4.398E-16 | 10.18719 |
| 22742 | GLOBAL | Cartesian | 27.74209 | 4.507E-16 | 10.13168 | No | 27.74209 | 4.507E-16 | 10.13168 |
| 22743 | GLOBAL | Cartesian | 27.95303 | 4.249E-16 | 10.47689 | No | 27.95303 | 4.249E-16 | 10.47689 |
| 22744 | GLOBAL | Cartesian | 27.86933 | 4.351E-16 | 10.41645 | No | 27.86933 | 4.351E-16 | 10.41645 |
| 22745 | GLOBAL | Cartesian | 27.78563 | 4.454E-16 | 10.35602 | No | 27.78563 | 4.454E-16 | 10.35602 |
| 22746 | GLOBAL | Cartesian | 27.70192 | 4.556E-16 | 10.29559 | No | 27.70192 | 4.556E-16 | 10.29559 |
| 22747 | GLOBAL | Cartesian | 27.61822 | 4.659E-16 | 10.23516 | No | 27.61822 | 4.659E-16 | 10.23516 |
| 22748 | GLOBAL | Cartesian | 27.80556 | 4.43E-16 | 10.60003 | No | 27.80556 | 4.43E-16 | 10.60003 |
| 22749 | GLOBAL | Cartesian | 27.72776 | 4.525E-16 | 10.53468 | No | 27.72776 | 4.525E-16 | 10.53468 |
| 22750 | GLOBAL | Cartesian | 27.64995 | 4.62E-16 | 10.46933 | No | 27.64995 | 4.62E-16 | 10.46933 |
| 22751 | GLOBAL | Cartesian | 27.57215 | 4.715E-16 | 10.40399 | No | 27.57215 | 4.715E-16 | 10.40399 |
| 22752 | GLOBAL | Cartesian | 27.49435 | 4.811E-16 | 10.33864 | No | 27.49435 | 4.811E-16 | 10.33864 |
| 22753 | GLOBAL | Cartesian | 27.65808 | 4.61E-16 | 10.72317 | No | 27.65808 | 4.61E-16 | 10.72317 |
| 22754 | GLOBAL | Cartesian | 27.58618 | 4.698E-16 | 10.65291 | No | 27.58618 | 4.698E-16 | 10.65291 |
| 22755 | GLOBAL | Cartesian | 27.51428 | 4.786E-16 | 10.58265 | No | 27.51428 | 4.786E-16 | 10.58265 |
| 22756 | GLOBAL | Cartesian | 27.44237 | 4.874E-16 | 10.51239 | No | 27.44237 | 4.874E-16 | 10.51239 |
| 22757 | GLOBAL | Cartesian | 27.37047 | 4.962E-16 | 10.44213 | No | 27.37047 | 4.962E-16 | 10.44213 |
| 22758 | GLOBAL | Cartesian | 27.51061 | 4.791E-16 | 10.8463 | No | 27.51061 | 4.791E-16 | 10.8463 |
| 22759 | GLOBAL | Cartesian | 27.44461 | 4.872E-16 | 10.77113 | No | 27.44461 | 4.872E-16 | 10.77113 |
| 22760 | GLOBAL | Cartesian | 27.3786 | 4.952E-16 | 10.69596 | No | 27.3786 | 4.952E-16 | 10.69596 |
| 22761 | GLOBAL | Cartesian | 27.3126 | 5.033E-16 | 10.62078 | No | 27.3126 | 5.033E-16 | 10.62078 |
| 22762 | GLOBAL | Cartesian | 27.2466 | 5.114E-16 | 10.54561 | No | 27.2466 | 5.114E-16 | 10.54561 |
| 22763 | GLOBAL | Cartesian | 27.30303 | 5.045E-16 | 10.88936 | No | 27.30303 | 5.045E-16 | 10.88936 |
| 22764 | GLOBAL | Cartesian | 27.24293 | 5.119E-16 | 10.80927 | No | 27.24293 | 5.119E-16 | 10.80927 |
| 22765 | GLOBAL | Cartesian | 27.18282 | 5.192E-16 | 10.72918 | No | 27.18282 | 5.192E-16 | 10.72918 |
| 22766 | GLOBAL | Cartesian | 27.24293 | 5.119E-16 | 10.95759 | No | 27.24293 | 5.119E-16 | 10.95759 |
| 22767 | GLOBAL | Cartesian | 27.20286 | 5.168E-16 | 10.85476 | No | 27.20286 | 5.168E-16 | 10.85476 |
| 22768 | GLOBAL | Cartesian | 27.16279 | 5.217E-16 | 10.75193 | No | 27.16279 | 5.217E-16 | 10.75193 |
| 22769 | GLOBAL | Cartesian | 27.12272 | 5.266E-16 | 10.84686 | No | 27.12272 | 5.266E-16 | 10.84686 |
| 22770 | GLOBAL | Cartesian | 26.56764 | 5.946E-16 | 9.08089 | No | 26.56764 | 5.946E-16 | 9.08089 |
| 22771 | GLOBAL | Cartesian | 26.40254 | 6.148E-16 | 9.07332 | No | 26.40254 | 6.148E-16 | 9.07332 |
| 22772 | GLOBAL | Cartesian | 26.23743 | 6.35E-16 | 9.06575 | No | 26.23743 | 6.35E-16 | 9.06575 |
| 22773 | GLOBAL | Cartesian | 26.07232 | 6.552E-16 | 9.05818 | No | 26.07232 | 6.552E-16 | 9.05818 |
| 22774 | GLOBAL | Cartesian | 25.90721 | 6.754E-16 | 9.0506 | No | 25.90721 | 6.754E-16 | 9.0506 |
| 22775 | GLOBAL | Cartesian | 26.41256 | 6.135E-16 | 9.1949 | No | 26.41256 | 6.135E-16 | 9.1949 |
| 22776 | GLOBAL | Cartesian | 26.25436 | 6.329E-16 | 9.1826 | No | 26.25436 | 6.329E-16 | 9.1826 |
| 22777 | GLOBAL | Cartesian | 26.09616 | 6.523E-16 | 9.17031 | No | 26.09616 | 6.523E-16 | 9.17031 |
| 22778 | GLOBAL | Cartesian | 25.93795 | 6.717E-16 | 9.15801 | No | 25.93795 | 6.717E-16 | 9.15801 |
| 22779 | GLOBAL | Cartesian | 25.77975 | 6.91E-16 | 9.14572 | No | 25.77975 | 6.91E-16 | 9.14572 |
| 22780 | GLOBAL | Cartesian | 26.25748 | 6.325E-16 | 9.30891 | No | 26.25748 | 6.325E-16 | 9.30891 |
| 22781 | GLOBAL | Cartesian | 26.10618 | 6.511E-16 | 9.29189 | No | 26.10618 | 6.511E-16 | 9.29189 |
| 22782 | GLOBAL | Cartesian | 25.95489 | 6.696E-16 | 9.27487 | No | 25.95489 | 6.696E-16 | 9.27487 |
| 22783 | GLOBAL | Cartesian | 25.80359 | 6.881E-16 | 9.25785 | No | 25.80359 | 6.881E-16 | 9.25785 |
| 22784 | GLOBAL | Cartesian | 25.65229 | 7.066E-16 | 9.24083 | No | 25.65229 | 7.066E-16 | 9.24083 |
| 22785 | GLOBAL | Cartesian | 26.1024 | 6.515E-16 | 9.42291 | No | 26.1024 | 6.515E-16 | 9.42291 |
| 22786 | GLOBAL | Cartesian | 25.95801 | 6.692E-16 | 9.40117 | No | 25.95801 | 6.692E-16 | 9.40117 |
| 22787 | GLOBAL | Cartesian | 25.81361 | 6.869E-16 | 9.37943 | No | 25.81361 | 6.869E-16 | 9.37943 |
| 22788 | GLOBAL | Cartesian | 25.66922 | 7.046E-16 | 9.35769 | No | 25.66922 | 7.046E-16 | 9.35769 |
| 22789 | GLOBAL | Cartesian | 25.52482 | 7.223E-16 | 9.33595 | No | 25.52482 | 7.223E-16 | 9.33595 |
| 22790 | GLOBAL | Cartesian | 25.94732 | 6.705E-16 | 9.53692 | No | 25.94732 | 6.705E-16 | 9.53692 |
| 22791 | GLOBAL | Cartesian | 25.80983 | 6.874E-16 | 9.51046 | No | 25.80983 | 6.874E-16 | 9.51046 |
| 22792 | GLOBAL | Cartesian | 25.67234 | 7.042E-16 | 9.48399 | No | 25.67234 | 7.042E-16 | 9.48399 |
| 22793 | GLOBAL | Cartesian | 25.53485 | 7.21E-16 | 9.45753 | No | 25.53485 | 7.21E-16 | 9.45753 |
| 22794 | GLOBAL | Cartesian | 25.39736 | 7.379E-16 | 9.43106 | No | 25.39736 | 7.379E-16 | 9.43106 |
| 22795 | GLOBAL | Cartesian | 25.79225 | 6.895E-16 | 9.65093 | No | 25.79225 | 6.895E-16 | 9.65093 |
| 22796 | GLOBAL | Cartesian | 25.66166 | 7.055E-16 | 9.61974 | No | 25.66166 | 7.055E-16 | 9.61974 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22797 | GLOBAL | Cartesian | 25.53107 | 7.215E-16 | 9.58855 | No | 25.53107 | 7.215E-16 | 9.58855 |
| 22798 | GLOBAL | Cartesian | 25.40048 | 7.375E-16 | 9.55737 | No | 25.40048 | 7.375E-16 | 9.55737 |
| 22799 | GLOBAL | Cartesian | 25.2699 | 7.535E-16 | 9.52618 | No | 25.2699 | 7.535E-16 | 9.52618 |
| 22800 | GLOBAL | Cartesian | 25.63717 | 7.085E-16 | 9.76493 | No | 25.63717 | 7.085E-16 | 9.76493 |
| 22801 | GLOBAL | Cartesian | 25.51348 | 7.236E-16 | 9.72902 | No | 25.51348 | 7.236E-16 | 9.72902 |
| 22802 | GLOBAL | Cartesian | 25.3898 | 7.388E-16 | 9.69311 | No | 25.3898 | 7.388E-16 | 9.69311 |
| 22803 | GLOBAL | Cartesian | 25.26612 | 7.539E-16 | 9.65721 | No | 25.26612 | 7.539E-16 | 9.65721 |
| 22804 | GLOBAL | Cartesian | 25.14243 | 7.691E-16 | 9.6213 | No | 25.14243 | 7.691E-16 | 9.6213 |
| 22805 | GLOBAL | Cartesian | 25.48209 | 7.275E-16 | 9.87894 | No | 25.48209 | 7.275E-16 | 9.87894 |
| 22806 | GLOBAL | Cartesian | 25.36531 | 7.418E-16 | 9.83831 | No | 25.36531 | 7.418E-16 | 9.83831 |
| 22807 | GLOBAL | Cartesian | 25.24853 | 7.561E-16 | 9.79768 | No | 25.24853 | 7.561E-16 | 9.79768 |
| 22808 | GLOBAL | Cartesian | 25.13175 | 7.704E-16 | 9.75704 | No | 25.13175 | 7.704E-16 | 9.75704 |
| 22809 | GLOBAL | Cartesian | 25.01497 | 7.847E-16 | 9.71641 | No | 25.01497 | 7.847E-16 | 9.71641 |
| 22810 | GLOBAL | Cartesian | 25.32701 | 7.465E-16 | 9.99295 | No | 25.32701 | 7.465E-16 | 9.99295 |
| 22811 | GLOBAL | Cartesian | 25.21713 | 7.599E-16 | 9.94759 | No | 25.21713 | 7.599E-16 | 9.94759 |
| 22812 | GLOBAL | Cartesian | 25.10726 | 7.734E-16 | 9.90224 | No | 25.10726 | 7.734E-16 | 9.90224 |
| 22813 | GLOBAL | Cartesian | 24.99738 | 7.868E-16 | 9.85688 | No | 24.99738 | 7.868E-16 | 9.85688 |
| 22814 | GLOBAL | Cartesian | 24.8875 | 8.003E-16 | 9.81153 | No | 24.8875 | 8.003E-16 | 9.81153 |
| 22815 | GLOBAL | Cartesian | 25.17193 | 7.655E-16 | 10.10695 | No | 25.17193 | 7.655E-16 | 10.10695 |
| 22816 | GLOBAL | Cartesian | 25.06896 | 7.781E-16 | 10.05688 | No | 25.06896 | 7.781E-16 | 10.05688 |
| 22817 | GLOBAL | Cartesian | 24.96598 | 7.907E-16 | 10.0068 | No | 24.96598 | 7.907E-16 | 10.0068 |
| 22818 | GLOBAL | Cartesian | 24.86301 | 8.033E-16 | 9.95672 | No | 24.86301 | 8.033E-16 | 9.95672 |
| 22819 | GLOBAL | Cartesian | 24.76004 | 8.159E-16 | 9.90664 | No | 24.76004 | 8.159E-16 | 9.90664 |
| 22820 | GLOBAL | Cartesian | 25.01685 | 7.845E-16 | 10.22096 | No | 25.01685 | 7.845E-16 | 10.22096 |
| 22821 | GLOBAL | Cartesian | 24.92078 | 7.962E-16 | 10.16616 | No | 24.92078 | 7.962E-16 | 10.16616 |
| 22822 | GLOBAL | Cartesian | 24.82471 | 8.08E-16 | 10.11136 | No | 24.82471 | 8.08E-16 | 10.11136 |
| 22823 | GLOBAL | Cartesian | 24.72864 | 8.198E-16 | 10.05656 | No | 24.72864 | 8.198E-16 | 10.05656 |
| 22824 | GLOBAL | Cartesian | 24.63258 | 8.315E-16 | 10.00176 | No | 24.63258 | 8.315E-16 | 10.00176 |
| 22825 | GLOBAL | Cartesian | 24.86177 | 8.035E-16 | 10.33497 | No | 24.86177 | 8.035E-16 | 10.33497 |
| 22826 | GLOBAL | Cartesian | 24.77261 | 8.144E-16 | 10.27544 | No | 24.77261 | 8.144E-16 | 10.27544 |
| 22827 | GLOBAL | Cartesian | 24.68344 | 8.253E-16 | 10.21592 | No | 24.68344 | 8.253E-16 | 10.21592 |
| 22828 | GLOBAL | Cartesian | 24.59428 | 8.362E-16 | 10.1564 | No | 24.59428 | 8.362E-16 | 10.1564 |
| 22829 | GLOBAL | Cartesian | 24.50511 | 8.471E-16 | 10.09687 | No | 24.50511 | 8.471E-16 | 10.09687 |
| 22830 | GLOBAL | Cartesian | 24.70669 | 8.224E-16 | 10.44898 | No | 24.70669 | 8.224E-16 | 10.44898 |
| 22831 | GLOBAL | Cartesian | 24.62443 | 8.325E-16 | 10.38473 | No | 24.62443 | 8.325E-16 | 10.38473 |
| 22832 | GLOBAL | Cartesian | 24.54217 | 8.426E-16 | 10.32048 | No | 24.54217 | 8.426E-16 | 10.32048 |
| 22833 | GLOBAL | Cartesian | 24.45991 | 8.527E-16 | 10.25623 | No | 24.45991 | 8.527E-16 | 10.25623 |
| 22834 | GLOBAL | Cartesian | 24.37765 | 8.627E-16 | 10.19199 | No | 24.37765 | 8.627E-16 | 10.19199 |
| 22835 | GLOBAL | Cartesian | 24.55161 | 8.414E-16 | 10.56298 | No | 24.55161 | 8.414E-16 | 10.56298 |
| 22836 | GLOBAL | Cartesian | 24.47625 | 8.507E-16 | 10.49401 | No | 24.47625 | 8.507E-16 | 10.49401 |
| 22837 | GLOBAL | Cartesian | 24.4009 | 8.599E-16 | 10.42504 | No | 24.4009 | 8.599E-16 | 10.42504 |
| 22838 | GLOBAL | Cartesian | 24.32554 | 8.691E-16 | 10.35607 | No | 24.32554 | 8.691E-16 | 10.35607 |
| 22839 | GLOBAL | Cartesian | 24.25018 | 8.784E-16 | 10.2871 | No | 24.25018 | 8.784E-16 | 10.2871 |
| 22840 | GLOBAL | Cartesian | 24.32808 | 8.688E-16 | 10.6033 | No | 24.32808 | 8.688E-16 | 10.6033 |
| 22841 | GLOBAL | Cartesian | 24.25963 | 8.772E-16 | 10.5296 | No | 24.25963 | 8.772E-16 | 10.5296 |
| 22842 | GLOBAL | Cartesian | 24.19117 | 8.856E-16 | 10.45591 | No | 24.19117 | 8.856E-16 | 10.45591 |
| 22843 | GLOBAL | Cartesian | 23.55823 | 9.631E-16 | 9.01476 | No | 23.55823 | 9.631E-16 | 9.01476 |
| 22844 | GLOBAL | Cartesian | 23.37521 | 9.855E-16 | 9.0053 | No | 23.37521 | 9.855E-16 | 9.0053 |
| 22845 | GLOBAL | Cartesian | 23.19218 | 1.008E-15 | 8.99585 | No | 23.19218 | 1.008E-15 | 8.99585 |
| 22846 | GLOBAL | Cartesian | 23.00916 | 1.03E-15 | 8.98639 | No | 23.00916 | 1.03E-15 | 8.98639 |
| 22847 | GLOBAL | Cartesian | 22.82614 | 1.053E-15 | 8.97693 | No | 22.82614 | 1.053E-15 | 8.97693 |
| 22848 | GLOBAL | Cartesian | 23.39483 | 9.831E-16 | 9.12016 | No | 23.39483 | 9.831E-16 | 9.12016 |
| 22849 | GLOBAL | Cartesian | 23.2199 | 1.005E-15 | 9.10617 | No | 23.2199 | 1.005E-15 | 9.10617 |
| 22850 | GLOBAL | Cartesian | 23.04498 | 1.026E-15 | 9.09219 | No | 23.04498 | 1.026E-15 | 9.09219 |
| 22851 | GLOBAL | Cartesian | 22.87005 | 1.047E-15 | 9.0782 | No | 22.87005 | 1.047E-15 | 9.0782 |
| 22852 | GLOBAL | Cartesian | 22.69512 | 1.069E-15 | 9.06421 | No | 22.69512 | 1.069E-15 | 9.06421 |
| 22853 | GLOBAL | Cartesian | 23.23143 | 1.003E-15 | 9.22556 | No | 23.23143 | 1.003E-15 | 9.22556 |
| 22854 | GLOBAL | Cartesian | 23.0646 | 1.024E-15 | 9.20704 | No | 23.0646 | 1.024E-15 | 9.20704 |
| 22855 | GLOBAL | Cartesian | 22.89777 | 1.044E-15 | 9.18853 | No | 22.89777 | 1.044E-15 | 9.18853 |
| 22856 | GLOBAL | Cartesian | 22.73094 | 1.064E-15 | 9.17001 | No | 22.73094 | 1.064E-15 | 9.17001 |
| 22857 | GLOBAL | Cartesian | 22.56411 | 1.085E-15 | 9.1515 | No | 22.56411 | 1.085E-15 | 9.1515 |
| 22858 | GLOBAL | Cartesian | 23.06803 | 1.023E-15 | 9.33096 | No | 23.06803 | 1.023E-15 | 9.33096 |
| 22859 | GLOBAL | Cartesian | 22.9093 | 1.043E-15 | 9.30791 | No | 22.9093 | 1.043E-15 | 9.30791 |
| 22860 | GLOBAL | Cartesian | 22.75056 | 1.062E-15 | 9.28487 | No | 22.75056 | 1.062E-15 | 9.28487 |
| 22861 | GLOBAL | Cartesian | 22.59183 | 1.081E-15 | 9.26183 | No | 22.59183 | 1.081E-15 | 9.26183 |
| 22862 | GLOBAL | Cartesian | 22.43309 | 1.101E-15 | 9.23878 | No | 22.43309 | 1.101E-15 | 9.23878 |
| 22863 | GLOBAL | Cartesian | 22.90463 | 1.043E-15 | 9.43636 | No | 22.90463 | 1.043E-15 | 9.43636 |
| 22864 | GLOBAL | Cartesian | 22.75399 | 1.062E-15 | 9.40878 | No | 22.75399 | 1.062E-15 | 9.40878 |
| 22865 | GLOBAL | Cartesian | 22.60335 | 1.08E-15 | 9.38121 | No | 22.60335 | 1.08E-15 | 9.38121 |
| 22866 | GLOBAL | Cartesian | 22.45271 | 1.098E-15 | 9.35364 | No | 22.45271 | 1.098E-15 | 9.35364 |
| 22867 | GLOBAL | Cartesian | 22.30207 | 1.117E-15 | 9.32607 | No | 22.30207 | 1.117E-15 | 9.32607 |
| 22868 | GLOBAL | Cartesian | 22.74124 | 1.063E-15 | 9.54175 | No | 22.74124 | 1.063E-15 | 9.54175 |
| 22869 | GLOBAL | Cartesian | 22.59869 | 1.081E-15 | 9.50965 | No | 22.59869 | 1.081E-15 | 9.50965 |
| 22870 | GLOBAL | Cartesian | 22.45615 | 1.098E-15 | 9.47755 | No | 22.45615 | 1.098E-15 | 9.47755 |
| 22871 | GLOBAL | Cartesian | 22.3136 | 1.116E-15 | 9.44545 | No | 22.3136 | 1.116E-15 | 9.44545 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22872 | GLOBAL | Cartesian | 22.17106 | 1.133E-15 | 9.41335 | No | 22.17106 | 1.133E-15 | 9.41335 |
| 22873 | GLOBAL | Cartesian | 22.57784 | 1.083E-15 | 9.64715 | No | 22.57784 | 1.083E-15 | 9.64715 |
| 22874 | GLOBAL | Cartesian | 22.44339 | 1.1E-15 | 9.61052 | No | 22.44339 | 1.1E-15 | 9.61052 |
| 22875 | GLOBAL | Cartesian | 22.30894 | 1.116E-15 | 9.5739 | No | 22.30894 | 1.116E-15 | 9.5739 |
| 22876 | GLOBAL | Cartesian | 22.17449 | 1.133E-15 | 9.53727 | No | 22.17449 | 1.133E-15 | 9.53727 |
| 22877 | GLOBAL | Cartesian | 22.04004 | 1.149E-15 | 9.50064 | No | 22.04004 | 1.149E-15 | 9.50064 |
| 22878 | GLOBAL | Cartesian | 22.41444 | 1.103E-15 | 9.75255 | No | 22.41444 | 1.103E-15 | 9.75255 |
| 22879 | GLOBAL | Cartesian | 22.28808 | 1.119E-15 | 9.71139 | No | 22.28808 | 1.119E-15 | 9.71139 |
| 22880 | GLOBAL | Cartesian | 22.16173 | 1.134E-15 | 9.67024 | No | 22.16173 | 1.134E-15 | 9.67024 |
| 22881 | GLOBAL | Cartesian | 22.03538 | 1.15E-15 | 9.62908 | No | 22.03538 | 1.15E-15 | 9.62908 |
| 22882 | GLOBAL | Cartesian | 21.90902 | 1.165E-15 | 9.58792 | No | 21.90902 | 1.165E-15 | 9.58792 |
| 22883 | GLOBAL | Cartesian | 22.25104 | 1.123E-15 | 9.85795 | No | 22.25104 | 1.123E-15 | 9.85795 |
| 22884 | GLOBAL | Cartesian | 22.13278 | 1.138E-15 | 9.81226 | No | 22.13278 | 1.138E-15 | 9.81226 |
| 22885 | GLOBAL | Cartesian | 22.01452 | 1.152E-15 | 9.76658 | No | 22.01452 | 1.152E-15 | 9.76658 |
| 22886 | GLOBAL | Cartesian | 21.89627 | 1.167E-15 | 9.72089 | No | 21.89627 | 1.167E-15 | 9.72089 |
| 22887 | GLOBAL | Cartesian | 21.77801 | 1.181E-15 | 9.67521 | No | 21.77801 | 1.181E-15 | 9.67521 |
| 22888 | GLOBAL | Cartesian | 22.08764 | 1.143E-15 | 9.96335 | No | 22.08764 | 1.143E-15 | 9.96335 |
| 22889 | GLOBAL | Cartesian | 21.97748 | 1.157E-15 | 9.91313 | No | 21.97748 | 1.157E-15 | 9.91313 |
| 22890 | GLOBAL | Cartesian | 21.86732 | 1.17E-15 | 9.86292 | No | 21.86732 | 1.17E-15 | 9.86292 |
| 22891 | GLOBAL | Cartesian | 21.75715 | 1.184E-15 | 9.81271 | No | 21.75715 | 1.184E-15 | 9.81271 |
| 22892 | GLOBAL | Cartesian | 21.64699 | 1.197E-15 | 9.76249 | No | 21.64699 | 1.197E-15 | 9.76249 |
| 22893 | GLOBAL | Cartesian | 21.92424 | 1.163E-15 | 10.06875 | No | 21.92424 | 1.163E-15 | 10.06875 |
| 22894 | GLOBAL | Cartesian | 21.82218 | 1.176E-15 | 10.014 | No | 21.82218 | 1.176E-15 | 10.014 |
| 22895 | GLOBAL | Cartesian | 21.72011 | 1.188E-15 | 9.95926 | No | 21.72011 | 1.188E-15 | 9.95926 |
| 22896 | GLOBAL | Cartesian | 21.61804 | 1.201E-15 | 9.90452 | No | 21.61804 | 1.201E-15 | 9.90452 |
| 22897 | GLOBAL | Cartesian | 21.51598 | 1.213E-15 | 9.84978 | No | 21.51598 | 1.213E-15 | 9.84978 |
| 22898 | GLOBAL | Cartesian | 21.76084 | 1.183E-15 | 10.17415 | No | 21.76084 | 1.183E-15 | 10.17415 |
| 22899 | GLOBAL | Cartesian | 21.66687 | 1.195E-15 | 10.11487 | No | 21.66687 | 1.195E-15 | 10.11487 |
| 22900 | GLOBAL | Cartesian | 21.5729 | 1.206E-15 | 10.0556 | No | 21.5729 | 1.206E-15 | 10.0556 |
| 22901 | GLOBAL | Cartesian | 21.47893 | 1.218E-15 | 9.99633 | No | 21.47893 | 1.218E-15 | 9.99633 |
| 22902 | GLOBAL | Cartesian | 21.38496 | 1.229E-15 | 9.93706 | No | 21.38496 | 1.229E-15 | 9.93706 |
| 22903 | GLOBAL | Cartesian | 21.59745 | 1.203E-15 | 10.27954 | No | 21.59745 | 1.203E-15 | 10.27954 |
| 22904 | GLOBAL | Cartesian | 21.51157 | 1.214E-15 | 10.21574 | No | 21.51157 | 1.214E-15 | 10.21574 |
| 22905 | GLOBAL | Cartesian | 21.42569 | 1.224E-15 | 10.15195 | No | 21.42569 | 1.224E-15 | 10.15195 |
| 22906 | GLOBAL | Cartesian | 21.33982 | 1.235E-15 | 10.08815 | No | 21.33982 | 1.235E-15 | 10.08815 |
| 22907 | GLOBAL | Cartesian | 21.25394 | 1.245E-15 | 10.02435 | No | 21.25394 | 1.245E-15 | 10.02435 |
| 22908 | GLOBAL | Cartesian | 21.35627 | 1.233E-15 | 10.31661 | No | 21.35627 | 1.233E-15 | 10.31661 |
| 22909 | GLOBAL | Cartesian | 21.27849 | 1.242E-15 | 10.24829 | No | 21.27849 | 1.242E-15 | 10.24829 |
| 22910 | GLOBAL | Cartesian | 21.20071 | 1.252E-15 | 10.17996 | No | 21.20071 | 1.252E-15 | 10.17996 |
| 22911 | GLOBAL | Cartesian | 20.54961 | 1.332E-15 | 8.92212 | No | 20.54961 | 1.332E-15 | 8.92212 |
| 22912 | GLOBAL | Cartesian | 20.38854 | 1.351E-15 | 8.91274 | No | 20.38854 | 1.351E-15 | 8.91274 |
| 22913 | GLOBAL | Cartesian | 20.22748 | 1.371E-15 | 8.90336 | No | 20.22748 | 1.371E-15 | 8.90336 |
| 22914 | GLOBAL | Cartesian | 20.06641 | 1.391E-15 | 8.89398 | No | 20.06641 | 1.391E-15 | 8.89398 |
| 22915 | GLOBAL | Cartesian | 19.90534 | 1.41E-15 | 8.8846 | No | 19.90534 | 1.41E-15 | 8.8846 |
| 22916 | GLOBAL | Cartesian | 19.74427 | 1.43E-15 | 8.87522 | No | 19.74427 | 1.43E-15 | 8.87522 |
| 22917 | GLOBAL | Cartesian | 20.37684 | 1.353E-15 | 9.01973 | No | 20.37684 | 1.353E-15 | 9.01973 |
| 22918 | GLOBAL | Cartesian | 20.2233 | 1.371E-15 | 9.00687 | No | 20.2233 | 1.371E-15 | 9.00687 |
| 22919 | GLOBAL | Cartesian | 20.06977 | 1.39E-15 | 8.99402 | No | 20.06977 | 1.39E-15 | 8.99402 |
| 22920 | GLOBAL | Cartesian | 19.91623 | 1.409E-15 | 8.98116 | No | 19.91623 | 1.409E-15 | 8.98116 |
| 22921 | GLOBAL | Cartesian | 19.7627 | 1.428E-15 | 8.96831 | No | 19.7627 | 1.428E-15 | 8.96831 |
| 22922 | GLOBAL | Cartesian | 19.60916 | 1.447E-15 | 8.95545 | No | 19.60916 | 1.447E-15 | 8.95545 |
| 22923 | GLOBAL | Cartesian | 20.20407 | 1.374E-15 | 9.11733 | No | 20.20407 | 1.374E-15 | 9.11733 |
| 22924 | GLOBAL | Cartesian | 20.05806 | 1.392E-15 | 9.101 | No | 20.05806 | 1.392E-15 | 9.101 |
| 22925 | GLOBAL | Cartesian | 19.91206 | 1.41E-15 | 9.08467 | No | 19.91206 | 1.41E-15 | 9.08467 |
| 22926 | GLOBAL | Cartesian | 19.76605 | 1.427E-15 | 9.06834 | No | 19.76605 | 1.427E-15 | 9.06834 |
| 22927 | GLOBAL | Cartesian | 19.62005 | 1.445E-15 | 9.05202 | No | 19.62005 | 1.445E-15 | 9.05202 |
| 22928 | GLOBAL | Cartesian | 19.47405 | 1.463E-15 | 9.03569 | No | 19.47405 | 1.463E-15 | 9.03569 |
| 22929 | GLOBAL | Cartesian | 20.03129 | 1.395E-15 | 9.21493 | No | 20.03129 | 1.395E-15 | 9.21493 |
| 22930 | GLOBAL | Cartesian | 19.89282 | 1.412E-15 | 9.19513 | No | 19.89282 | 1.412E-15 | 9.19513 |
| 22931 | GLOBAL | Cartesian | 19.75435 | 1.429E-15 | 9.17533 | No | 19.75435 | 1.429E-15 | 9.17533 |
| 22932 | GLOBAL | Cartesian | 19.61588 | 1.446E-15 | 9.15553 | No | 19.61588 | 1.446E-15 | 9.15553 |
| 22933 | GLOBAL | Cartesian | 19.47741 | 1.463E-15 | 9.13572 | No | 19.47741 | 1.463E-15 | 9.13572 |
| 22934 | GLOBAL | Cartesian | 19.33893 | 1.48E-15 | 9.11592 | No | 19.33893 | 1.48E-15 | 9.11592 |
| 22935 | GLOBAL | Cartesian | 19.85852 | 1.416E-15 | 9.31254 | No | 19.85852 | 1.416E-15 | 9.31254 |
| 22936 | GLOBAL | Cartesian | 19.72758 | 1.432E-15 | 9.28926 | No | 19.72758 | 1.432E-15 | 9.28926 |
| 22937 | GLOBAL | Cartesian | 19.59664 | 1.448E-15 | 9.26598 | No | 19.59664 | 1.448E-15 | 9.26598 |
| 22938 | GLOBAL | Cartesian | 19.4657 | 1.464E-15 | 9.24271 | No | 19.4657 | 1.464E-15 | 9.24271 |
| 22939 | GLOBAL | Cartesian | 19.33476 | 1.48E-15 | 9.21943 | No | 19.33476 | 1.48E-15 | 9.21943 |
| 22940 | GLOBAL | Cartesian | 19.20382 | 1.496E-15 | 9.19616 | No | 19.20382 | 1.496E-15 | 9.19616 |
| 22941 | GLOBAL | Cartesian | 19.68575 | 1.437E-15 | 9.41014 | No | 19.68575 | 1.437E-15 | 9.41014 |
| 22942 | GLOBAL | Cartesian | 19.56234 | 1.452E-15 | 9.38339 | No | 19.56234 | 1.452E-15 | 9.38339 |
| 22943 | GLOBAL | Cartesian | 19.43893 | 1.468E-15 | 9.35664 | No | 19.43893 | 1.468E-15 | 9.35664 |
| 22944 | GLOBAL | Cartesian | 19.31552 | 1.483E-15 | 9.32989 | No | 19.31552 | 1.483E-15 | 9.32989 |
| 22945 | GLOBAL | Cartesian | 19.19212 | 1.498E-15 | 9.30314 | No | 19.19212 | 1.498E-15 | 9.30314 |
| 22946 | GLOBAL | Cartesian | 19.06871 | 1.513E-15 | 9.27639 | No | 19.06871 | 1.513E-15 | 9.27639 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 22947 | GLOBAL | Cartesian | 19.51298 | 1.458E-15 | 9.50774 | No | 19.51298 | 1.458E-15 | 9.50774 |
| 22948 | GLOBAL | Cartesian | 19.3971 | 1.473E-15 | 9.47752 | No | 19.3971 | 1.473E-15 | 9.47752 |
| 22949 | GLOBAL | Cartesian | 19.28122 | 1.487E-15 | 9.4473 | No | 19.28122 | 1.487E-15 | 9.4473 |
| 22950 | GLOBAL | Cartesian | 19.16535 | 1.501E-15 | 9.41707 | No | 19.16535 | 1.501E-15 | 9.41707 |
| 22951 | GLOBAL | Cartesian | 19.04947 | 1.515E-15 | 9.38685 | No | 19.04947 | 1.515E-15 | 9.38685 |
| 22952 | GLOBAL | Cartesian | 18.9336 | 1.529E-15 | 9.35662 | No | 18.9336 | 1.529E-15 | 9.35662 |
| 22953 | GLOBAL | Cartesian | 19.3402 | 1.48E-15 | 9.60535 | No | 19.3402 | 1.48E-15 | 9.60535 |
| 22954 | GLOBAL | Cartesian | 19.23186 | 1.493E-15 | 9.57165 | No | 19.23186 | 1.493E-15 | 9.57165 |
| 22955 | GLOBAL | Cartesian | 19.12352 | 1.506E-15 | 9.53795 | No | 19.12352 | 1.506E-15 | 9.53795 |
| 22956 | GLOBAL | Cartesian | 19.01517 | 1.519E-15 | 9.50425 | No | 19.01517 | 1.519E-15 | 9.50425 |
| 22957 | GLOBAL | Cartesian | 18.90683 | 1.533E-15 | 9.47055 | No | 18.90683 | 1.533E-15 | 9.47055 |
| 22958 | GLOBAL | Cartesian | 18.79848 | 1.546E-15 | 9.43686 | No | 18.79848 | 1.546E-15 | 9.43686 |
| 22959 | GLOBAL | Cartesian | 19.16743 | 1.501E-15 | 9.70295 | No | 19.16743 | 1.501E-15 | 9.70295 |
| 22960 | GLOBAL | Cartesian | 19.06662 | 1.513E-15 | 9.66578 | No | 19.06662 | 1.513E-15 | 9.66578 |
| 22961 | GLOBAL | Cartesian | 18.96581 | 1.525E-15 | 9.62861 | No | 18.96581 | 1.525E-15 | 9.62861 |
| 22962 | GLOBAL | Cartesian | 18.86499 | 1.538E-15 | 9.59143 | No | 18.86499 | 1.538E-15 | 9.59143 |
| 22963 | GLOBAL | Cartesian | 18.76418 | 1.55E-15 | 9.55426 | No | 18.76418 | 1.55E-15 | 9.55426 |
| 22964 | GLOBAL | Cartesian | 18.66337 | 1.563E-15 | 9.51709 | No | 18.66337 | 1.563E-15 | 9.51709 |
| 22965 | GLOBAL | Cartesian | 18.99466 | 1.522E-15 | 9.80055 | No | 18.99466 | 1.522E-15 | 9.80055 |
| 22966 | GLOBAL | Cartesian | 18.90138 | 1.533E-15 | 9.75991 | No | 18.90138 | 1.533E-15 | 9.75991 |
| 22967 | GLOBAL | Cartesian | 18.8081 | 1.545E-15 | 9.71926 | No | 18.8081 | 1.545E-15 | 9.71926 |
| 22968 | GLOBAL | Cartesian | 18.71482 | 1.556E-15 | 9.67862 | No | 18.71482 | 1.556E-15 | 9.67862 |
| 22969 | GLOBAL | Cartesian | 18.62154 | 1.568E-15 | 9.63797 | No | 18.62154 | 1.568E-15 | 9.63797 |
| 22970 | GLOBAL | Cartesian | 18.52826 | 1.579E-15 | 9.59732 | No | 18.52826 | 1.579E-15 | 9.59732 |
| 22971 | GLOBAL | Cartesian | 18.82189 | 1.543E-15 | 9.89816 | No | 18.82189 | 1.543E-15 | 9.89816 |
| 22972 | GLOBAL | Cartesian | 18.73614 | 1.554E-15 | 9.85404 | No | 18.73614 | 1.554E-15 | 9.85404 |
| 22973 | GLOBAL | Cartesian | 18.65039 | 1.564E-15 | 9.80992 | No | 18.65039 | 1.564E-15 | 9.80992 |
| 22974 | GLOBAL | Cartesian | 18.56464 | 1.575E-15 | 9.7658 | No | 18.56464 | 1.575E-15 | 9.7658 |
| 22975 | GLOBAL | Cartesian | 18.47889 | 1.585E-15 | 9.72168 | No | 18.47889 | 1.585E-15 | 9.72168 |
| 22976 | GLOBAL | Cartesian | 18.39314 | 1.596E-15 | 9.67756 | No | 18.39314 | 1.596E-15 | 9.67756 |
| 22977 | GLOBAL | Cartesian | 18.64911 | 1.564E-15 | 9.99576 | No | 18.64911 | 1.564E-15 | 9.99576 |
| 22978 | GLOBAL | Cartesian | 18.5709 | 1.574E-15 | 9.94817 | No | 18.5709 | 1.574E-15 | 9.94817 |
| 22979 | GLOBAL | Cartesian | 18.49268 | 1.583E-15 | 9.90057 | No | 18.49268 | 1.583E-15 | 9.90057 |
| 22980 | GLOBAL | Cartesian | 18.41446 | 1.593E-15 | 9.85298 | No | 18.41446 | 1.593E-15 | 9.85298 |
| 22981 | GLOBAL | Cartesian | 18.33625 | 1.603E-15 | 9.80539 | No | 18.33625 | 1.603E-15 | 9.80539 |
| 22982 | GLOBAL | Cartesian | 18.25803 | 1.612E-15 | 9.75779 | No | 18.25803 | 1.612E-15 | 9.75779 |
| 22983 | GLOBAL | Cartesian | 18.40566 | 1.594E-15 | 10.0423 | No | 18.40566 | 1.594E-15 | 10.0423 |
| 22984 | GLOBAL | Cartesian | 18.33497 | 1.603E-15 | 9.99123 | No | 18.33497 | 1.603E-15 | 9.99123 |
| 22985 | GLOBAL | Cartesian | 18.26429 | 1.611E-15 | 9.94016 | No | 18.26429 | 1.611E-15 | 9.94016 |
| 22986 | GLOBAL | Cartesian | 18.1936 | 1.62E-15 | 9.88909 | No | 18.1936 | 1.62E-15 | 9.88909 |
| 22987 | GLOBAL | Cartesian | 17.55326 | 1.698E-15 | 8.79609 | No | 17.55326 | 1.698E-15 | 8.79609 |
| 22988 | GLOBAL | Cartesian | 17.37492 | 1.72E-15 | 8.78475 | No | 17.37492 | 1.72E-15 | 8.78475 |
| 22989 | GLOBAL | Cartesian | 17.19657 | 1.742E-15 | 8.77341 | No | 17.19657 | 1.742E-15 | 8.77341 |
| 22990 | GLOBAL | Cartesian | 17.01823 | 1.764E-15 | 8.76206 | No | 17.01823 | 1.764E-15 | 8.76206 |
| 22991 | GLOBAL | Cartesian | 16.83988 | 1.786E-15 | 8.75072 | No | 16.83988 | 1.786E-15 | 8.75072 |
| 22992 | GLOBAL | Cartesian | 16.66154 | 1.808E-15 | 8.73937 | No | 16.66154 | 1.808E-15 | 8.73937 |
| 22993 | GLOBAL | Cartesian | 17.38381 | 1.719E-15 | 8.87991 | No | 17.38381 | 1.719E-15 | 8.87991 |
| 22994 | GLOBAL | Cartesian | 17.21371 | 1.74E-15 | 8.86548 | No | 17.21371 | 1.74E-15 | 8.86548 |
| 22995 | GLOBAL | Cartesian | 17.04361 | 1.761E-15 | 8.85106 | No | 17.04361 | 1.761E-15 | 8.85106 |
| 22996 | GLOBAL | Cartesian | 16.87352 | 1.782E-15 | 8.83663 | No | 16.87352 | 1.782E-15 | 8.83663 |
| 22997 | GLOBAL | Cartesian | 16.70342 | 1.803E-15 | 8.82221 | No | 16.70342 | 1.803E-15 | 8.82221 |
| 22998 | GLOBAL | Cartesian | 16.53332 | 1.823E-15 | 8.80778 | No | 16.53332 | 1.823E-15 | 8.80778 |
| 22999 | GLOBAL | Cartesian | 17.21435 | 1.74E-15 | 8.96373 | No | 17.21435 | 1.74E-15 | 8.96373 |
| 23000 | GLOBAL | Cartesian | 17.0525 | 1.76E-15 | 8.94622 | No | 17.0525 | 1.76E-15 | 8.94622 |
| 23001 | GLOBAL | Cartesian | 16.89065 | 1.78E-15 | 8.92871 | No | 16.89065 | 1.78E-15 | 8.92871 |
| 23002 | GLOBAL | Cartesian | 16.7288 | 1.799E-15 | 8.91121 | No | 16.7288 | 1.799E-15 | 8.91121 |
| 23003 | GLOBAL | Cartesian | 16.56695 | 1.819E-15 | 8.8937 | No | 16.56695 | 1.819E-15 | 8.8937 |
| 23004 | GLOBAL | Cartesian | 16.4051 | 1.839E-15 | 8.87619 | No | 16.4051 | 1.839E-15 | 8.87619 |
| 23005 | GLOBAL | Cartesian | 17.0449 | 1.761E-15 | 9.04755 | No | 17.0449 | 1.761E-15 | 9.04755 |
| 23006 | GLOBAL | Cartesian | 16.89129 | 1.78E-15 | 9.02696 | No | 16.89129 | 1.78E-15 | 9.02696 |
| 23007 | GLOBAL | Cartesian | 16.73769 | 1.798E-15 | 9.00637 | No | 16.73769 | 1.798E-15 | 9.00637 |
| 23008 | GLOBAL | Cartesian | 16.58409 | 1.817E-15 | 8.98578 | No | 16.58409 | 1.817E-15 | 8.98578 |
| 23009 | GLOBAL | Cartesian | 16.43049 | 1.836E-15 | 8.96519 | No | 16.43049 | 1.836E-15 | 8.96519 |
| 23010 | GLOBAL | Cartesian | 16.27689 | 1.855E-15 | 8.9446 | No | 16.27689 | 1.855E-15 | 8.9446 |
| 23011 | GLOBAL | Cartesian | 16.87544 | 1.781E-15 | 9.13136 | No | 16.87544 | 1.781E-15 | 9.13136 |
| 23012 | GLOBAL | Cartesian | 16.73008 | 1.799E-15 | 9.10769 | No | 16.73008 | 1.799E-15 | 9.10769 |
| 23013 | GLOBAL | Cartesian | 16.58473 | 1.817E-15 | 9.08402 | No | 16.58473 | 1.817E-15 | 9.08402 |
| 23014 | GLOBAL | Cartesian | 16.43938 | 1.835E-15 | 9.06035 | No | 16.43938 | 1.835E-15 | 9.06035 |
| 23015 | GLOBAL | Cartesian | 16.29402 | 1.853E-15 | 9.03668 | No | 16.29402 | 1.853E-15 | 9.03668 |
| 23016 | GLOBAL | Cartesian | 16.14867 | 1.87E-15 | 9.01301 | No | 16.14867 | 1.87E-15 | 9.01301 |
| 23017 | GLOBAL | Cartesian | 16.70598 | 1.802E-15 | 9.21518 | No | 16.70598 | 1.802E-15 | 9.21518 |
| 23018 | GLOBAL | Cartesian | 16.56888 | 1.819E-15 | 9.18843 | No | 16.56888 | 1.819E-15 | 9.18843 |
| 23019 | GLOBAL | Cartesian | 16.43177 | 1.836E-15 | 9.16167 | No | 16.43177 | 1.836E-15 | 9.16167 |
| 23020 | GLOBAL | Cartesian | 16.29466 | 1.853E-15 | 9.13492 | No | 16.29466 | 1.853E-15 | 9.13492 |
| 23021 | GLOBAL | Cartesian | 16.15756 | 1.869E-15 | 9.10817 | No | 16.15756 | 1.869E-15 | 9.10817 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23022 | GLOBAL | Cartesian | 16.02045 | 1.886E-15 | 9.08141 | No | 16.02045 | 1.886E-15 | 9.08141 |
| 23023 | GLOBAL | Cartesian | 16.53653 | 1.823E-15 | 9.299 | No | 16.53653 | 1.823E-15 | 9.299 |
| 23024 | GLOBAL | Cartesian | 16.40767 | 1.839E-15 | 9.26916 | No | 16.40767 | 1.839E-15 | 9.26916 |
| 23025 | GLOBAL | Cartesian | 16.27881 | 1.855E-15 | 9.23933 | No | 16.27881 | 1.855E-15 | 9.23933 |
| 23026 | GLOBAL | Cartesian | 16.14995 | 1.87E-15 | 9.20949 | No | 16.14995 | 1.87E-15 | 9.20949 |
| 23027 | GLOBAL | Cartesian | 16.02109 | 1.886E-15 | 9.17966 | No | 16.02109 | 1.886E-15 | 9.17966 |
| 23028 | GLOBAL | Cartesian | 15.89223 | 1.902E-15 | 9.14982 | No | 15.89223 | 1.902E-15 | 9.14982 |
| 23029 | GLOBAL | Cartesian | 16.36707 | 1.844E-15 | 9.38281 | No | 16.36707 | 1.844E-15 | 9.38281 |
| 23030 | GLOBAL | Cartesian | 16.24646 | 1.858E-15 | 9.3499 | No | 16.24646 | 1.858E-15 | 9.3499 |
| 23031 | GLOBAL | Cartesian | 16.12585 | 1.873E-15 | 9.31698 | No | 16.12585 | 1.873E-15 | 9.31698 |
| 23032 | GLOBAL | Cartesian | 16.00524 | 1.888E-15 | 9.28406 | No | 16.00524 | 1.888E-15 | 9.28406 |
| 23033 | GLOBAL | Cartesian | 15.88462 | 1.903E-15 | 9.25115 | No | 15.88462 | 1.903E-15 | 9.25115 |
| 23034 | GLOBAL | Cartesian | 15.76401 | 1.918E-15 | 9.21823 | No | 15.76401 | 1.918E-15 | 9.21823 |
| 23035 | GLOBAL | Cartesian | 16.19761 | 1.864E-15 | 9.46663 | No | 16.19761 | 1.864E-15 | 9.46663 |
| 23036 | GLOBAL | Cartesian | 16.08525 | 1.878E-15 | 9.43063 | No | 16.08525 | 1.878E-15 | 9.43063 |
| 23037 | GLOBAL | Cartesian | 15.97289 | 1.892E-15 | 9.39463 | No | 15.97289 | 1.892E-15 | 9.39463 |
| 23038 | GLOBAL | Cartesian | 15.86052 | 1.906E-15 | 9.35864 | No | 15.86052 | 1.906E-15 | 9.35864 |
| 23039 | GLOBAL | Cartesian | 15.74816 | 1.92E-15 | 9.32264 | No | 15.74816 | 1.92E-15 | 9.32264 |
| 23040 | GLOBAL | Cartesian | 15.63579 | 1.933E-15 | 9.28664 | No | 15.63579 | 1.933E-15 | 9.28664 |
| 23041 | GLOBAL | Cartesian | 16.02816 | 1.885E-15 | 9.55045 | No | 16.02816 | 1.885E-15 | 9.55045 |
| 23042 | GLOBAL | Cartesian | 15.92404 | 1.898E-15 | 9.51137 | No | 15.92404 | 1.898E-15 | 9.51137 |
| 23043 | GLOBAL | Cartesian | 15.81992 | 1.911E-15 | 9.47229 | No | 15.81992 | 1.911E-15 | 9.47229 |
| 23044 | GLOBAL | Cartesian | 15.71581 | 1.923E-15 | 9.43321 | No | 15.71581 | 1.923E-15 | 9.43321 |
| 23045 | GLOBAL | Cartesian | 15.61169 | 1.936E-15 | 9.39413 | No | 15.61169 | 1.936E-15 | 9.39413 |
| 23046 | GLOBAL | Cartesian | 15.50758 | 1.949E-15 | 9.35505 | No | 15.50758 | 1.949E-15 | 9.35505 |
| 23047 | GLOBAL | Cartesian | 15.8587 | 1.906E-15 | 9.63427 | No | 15.8587 | 1.906E-15 | 9.63427 |
| 23048 | GLOBAL | Cartesian | 15.76283 | 1.918E-15 | 9.5921 | No | 15.76283 | 1.918E-15 | 9.5921 |
| 23049 | GLOBAL | Cartesian | 15.66696 | 1.929E-15 | 9.54994 | No | 15.66696 | 1.929E-15 | 9.54994 |
| 23050 | GLOBAL | Cartesian | 15.57109 | 1.941E-15 | 9.50778 | No | 15.57109 | 1.941E-15 | 9.50778 |
| 23051 | GLOBAL | Cartesian | 15.47523 | 1.953E-15 | 9.46562 | No | 15.47523 | 1.953E-15 | 9.46562 |
| 23052 | GLOBAL | Cartesian | 15.37936 | 1.965E-15 | 9.42345 | No | 15.37936 | 1.965E-15 | 9.42345 |
| 23053 | GLOBAL | Cartesian | 15.68924 | 1.927E-15 | 9.71808 | No | 15.68924 | 1.927E-15 | 9.71808 |
| 23054 | GLOBAL | Cartesian | 15.60162 | 1.937E-15 | 9.67284 | No | 15.60162 | 1.937E-15 | 9.67284 |
| 23055 | GLOBAL | Cartesian | 15.514 | 1.948E-15 | 9.6276 | No | 15.514 | 1.948E-15 | 9.6276 |
| 23056 | GLOBAL | Cartesian | 15.42638 | 1.959E-15 | 9.58235 | No | 15.42638 | 1.959E-15 | 9.58235 |
| 23057 | GLOBAL | Cartesian | 15.33876 | 1.97E-15 | 9.53711 | No | 15.33876 | 1.97E-15 | 9.53711 |
| 23058 | GLOBAL | Cartesian | 15.25114 | 1.98E-15 | 9.49186 | No | 15.25114 | 1.98E-15 | 9.49186 |
| 23059 | GLOBAL | Cartesian | 15.44041 | 1.957E-15 | 9.75358 | No | 15.44041 | 1.957E-15 | 9.75358 |
| 23060 | GLOBAL | Cartesian | 15.36104 | 1.967E-15 | 9.70525 | No | 15.36104 | 1.967E-15 | 9.70525 |
| 23061 | GLOBAL | Cartesian | 15.28167 | 1.977E-15 | 9.65692 | No | 15.28167 | 1.977E-15 | 9.65692 |
| 23062 | GLOBAL | Cartesian | 15.20229 | 1.986E-15 | 9.6086 | No | 15.20229 | 1.986E-15 | 9.6086 |
| 23063 | GLOBAL | Cartesian | 15.25521 | 1.98E-15 | 9.70832 | No | 15.25521 | 1.98E-15 | 9.70832 |
| 23064 | GLOBAL | Cartesian | 15.18907 | 1.988E-15 | 9.63429 | No | 15.18907 | 1.988E-15 | 9.63429 |
| 23065 | GLOBAL | Cartesian | 15.25521 | 1.98E-15 | 9.64081 | No | 15.25521 | 1.98E-15 | 9.64081 |
| 23066 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.69528 | No | 15.12292 | 1.996E-15 | 9.69528 |
| 23067 | GLOBAL | Cartesian | 15.12292 | 1.996E-15 | 9.62777 | No | 15.12292 | 1.996E-15 | 9.62777 |
| 23068 | GLOBAL | Cartesian | 18.29963 | 1.607E-15 | 10.07594 | No | 18.29963 | 1.607E-15 | 10.07594 |
| 23069 | GLOBAL | Cartesian | 18.24073 | 1.614E-15 | 9.99664 | No | 18.24073 | 1.614E-15 | 9.99664 |
| 23070 | GLOBAL | Cartesian | 18.18182 | 1.621E-15 | 9.91733 | No | 18.18182 | 1.621E-15 | 9.91733 |
| 23071 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.98502 | No | 18.12292 | 1.629E-15 | 9.98502 |
| 23072 | GLOBAL | Cartesian | 18.12292 | 1.629E-15 | 9.91153 | No | 18.12292 | 1.629E-15 | 9.91153 |
| 23073 | GLOBAL | Cartesian | 21.22663 | 1.249E-15 | 10.28362 | No | 21.22663 | 1.249E-15 | 10.28362 |
| 23074 | GLOBAL | Cartesian | 21.17478 | 1.255E-15 | 10.19762 | No | 21.17478 | 1.255E-15 | 10.19762 |
| 23075 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.27339 | No | 21.12293 | 1.261E-15 | 10.27339 |
| 23076 | GLOBAL | Cartesian | 21.12293 | 1.261E-15 | 10.19251 | No | 21.12293 | 1.261E-15 | 10.19251 |
| 23077 | GLOBAL | Cartesian | 24.25963 | 8.772E-16 | 10.66349 | No | 24.25963 | 8.772E-16 | 10.66349 |
| 23078 | GLOBAL | Cartesian | 24.21399 | 8.828E-16 | 10.56974 | No | 24.21399 | 8.828E-16 | 10.56974 |
| 23079 | GLOBAL | Cartesian | 24.16836 | 8.884E-16 | 10.47598 | No | 24.16836 | 8.884E-16 | 10.47598 |
| 23080 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.56074 | No | 24.12272 | 8.94E-16 | 10.56074 |
| 23081 | GLOBAL | Cartesian | 24.12272 | 8.94E-16 | 10.47148 | No | 24.12272 | 8.94E-16 | 10.47148 |
| 23082 | GLOBAL | Cartesian | 30.36474 | 1.296E-16 | 11.23333 | No | 30.36474 | 1.296E-16 | 11.23333 |
| 23083 | GLOBAL | Cartesian | 30.24373 | 1.444E-16 | 11.15505 | No | 30.24373 | 1.444E-16 | 11.15505 |
| 23084 | GLOBAL | Cartesian | 30.12272 | 1.592E-16 | 11.07677 | No | 30.12272 | 1.592E-16 | 11.07677 |
| 23085 | GLOBAL | Cartesian | 30.22823 | 1.463E-16 | 11.25189 | No | 30.22823 | 1.463E-16 | 11.25189 |
| 23086 | GLOBAL | Cartesian | 31.29435 | 1.572E-17 | 10.36512 | No | 31.29435 | 1.572E-17 | 10.36512 |
| 23087 | GLOBAL | Cartesian | 31.19751 | 2.758E-17 | 10.27312 | No | 31.19751 | 2.758E-17 | 10.27312 |
| 23088 | GLOBAL | Cartesian | 31.32505 | 1.196E-17 | 10.154 | No | 31.32505 | 1.196E-17 | 10.154 |
| 23089 | GLOBAL | Cartesian | 31.10067 | 3.944E-17 | 10.18112 | No | 31.10067 | 3.944E-17 | 10.18112 |
| 23090 | GLOBAL | Cartesian | 31.22738 | 2.392E-17 | 10.06278 | No | 31.22738 | 2.392E-17 | 10.06278 |
| 23091 | GLOBAL | Cartesian | 31.00383 | 5.129E-17 | 10.08912 | No | 31.00383 | 5.129E-17 | 10.08912 |
| 23092 | GLOBAL | Cartesian | 31.16598 | 3.144E-17 | 10.48501 | No | 31.16598 | 3.144E-17 | 10.48501 |
| 23093 | GLOBAL | Cartesian | 31.06997 | 4.32E-17 | 10.39223 | No | 31.06997 | 4.32E-17 | 10.39223 |
| 23094 | GLOBAL | Cartesian | 30.97397 | 5.495E-17 | 10.29946 | No | 30.97397 | 5.495E-17 | 10.29946 |
| 23095 | GLOBAL | Cartesian | 30.87796 | 6.671E-17 | 10.20668 | No | 30.87796 | 6.671E-17 | 10.20668 |
| 23096 | GLOBAL | Cartesian | 31.03761 | 4.716E-17 | 10.6049 | No | 31.03761 | 4.716E-17 | 10.6049 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23097 | GLOBAL | Cartesian | 30.94243 | 5.881E-17 | 10.51135 | No | 30.94243 | 5.881E-17 | 10.51135 |
| 23098 | GLOBAL | Cartesian | 30.84726 | 7.047E-17 | 10.4178 | No | 30.84726 | 7.047E-17 | 10.4178 |
| 23099 | GLOBAL | Cartesian | 30.75209 | 8.212E-17 | 10.32424 | No | 30.75209 | 8.212E-17 | 10.32424 |
| 23100 | GLOBAL | Cartesian | 30.90923 | 6.288E-17 | 10.7248 | No | 30.90923 | 6.288E-17 | 10.7248 |
| 23101 | GLOBAL | Cartesian | 30.81489 | 7.443E-17 | 10.63047 | No | 30.81489 | 7.443E-17 | 10.63047 |
| 23102 | GLOBAL | Cartesian | 30.72055 | 8.599E-17 | 10.53613 | No | 30.72055 | 8.599E-17 | 10.53613 |
| 23103 | GLOBAL | Cartesian | 30.62621 | 9.754E-17 | 10.4418 | No | 30.62621 | 9.754E-17 | 10.4418 |
| 23104 | GLOBAL | Cartesian | 30.78086 | 7.86E-17 | 10.84469 | No | 30.78086 | 7.86E-17 | 10.84469 |
| 23105 | GLOBAL | Cartesian | 30.68736 | 9.005E-17 | 10.74958 | No | 30.68736 | 9.005E-17 | 10.74958 |
| 23106 | GLOBAL | Cartesian | 30.59385 | 1.015E-16 | 10.65447 | No | 30.59385 | 1.015E-16 | 10.65447 |
| 23107 | GLOBAL | Cartesian | 30.50034 | 1.13E-16 | 10.55936 | No | 30.50034 | 1.13E-16 | 10.55936 |
| 23108 | GLOBAL | Cartesian | 30.65249 | 9.432E-17 | 10.96459 | No | 30.65249 | 9.432E-17 | 10.96459 |
| 23109 | GLOBAL | Cartesian | 30.55982 | 1.057E-16 | 10.8687 | No | 30.55982 | 1.057E-16 | 10.8687 |
| 23110 | GLOBAL | Cartesian | 30.46714 | 1.17E-16 | 10.77281 | No | 30.46714 | 1.17E-16 | 10.77281 |
| 23111 | GLOBAL | Cartesian | 30.37447 | 1.284E-16 | 10.67692 | No | 30.37447 | 1.284E-16 | 10.67692 |
| 23112 | GLOBAL | Cartesian | 30.52412 | 1.1E-16 | 11.08448 | No | 30.52412 | 1.1E-16 | 11.08448 |
| 23113 | GLOBAL | Cartesian | 30.43228 | 1.213E-16 | 10.98782 | No | 30.43228 | 1.213E-16 | 10.98782 |
| 23114 | GLOBAL | Cartesian | 30.34044 | 1.325E-16 | 10.89115 | No | 30.34044 | 1.325E-16 | 10.89115 |
| 23115 | GLOBAL | Cartesian | 30.24859 | 1.438E-16 | 10.79448 | No | 30.24859 | 1.438E-16 | 10.79448 |
| 23116 | GLOBAL | Cartesian | 30.30474 | 1.369E-16 | 11.10693 | No | 30.30474 | 1.369E-16 | 11.10693 |
| 23117 | GLOBAL | Cartesian | 30.21373 | 1.481E-16 | 11.00949 | No | 30.21373 | 1.481E-16 | 11.00949 |
| 23118 | GLOBAL | Cartesian | 31.22738 | 2.392E-17 | 9.88034 | No | 31.22738 | 2.392E-17 | 9.88034 |
| 23119 | GLOBAL | Cartesian | 31.29249 | 1.595E-17 | 10.00197 | No | 31.29249 | 1.595E-17 | 10.00197 |
| 23120 | GLOBAL | Cartesian | 31.35761 | 7.971E-18 | 10.12359 | No | 31.35761 | 7.971E-18 | 10.12359 |
| 23121 | GLOBAL | Cartesian | 31.32505 | 1.196E-17 | 9.78912 | No | 31.32505 | 1.196E-17 | 9.78912 |
| 23122 | GLOBAL | Cartesian | 31.35761 | 7.971E-18 | 9.94115 | No | 31.35761 | 7.971E-18 | 9.94115 |
| 23123 | GLOBAL | Cartesian | 31.39016 | 3.984E-18 | 10.09319 | No | 31.39016 | 3.984E-18 | 10.09319 |
| 23124 | GLOBAL | Cartesian | 30.98585 | 5.35E-17 | 9.83319 | No | 30.98585 | 5.35E-17 | 9.83319 |
| 23125 | GLOBAL | Cartesian | 31.09632 | 3.997E-17 | 9.75526 | No | 31.09632 | 3.997E-17 | 9.75526 |
| 23126 | GLOBAL | Cartesian | 31.20678 | 2.644E-17 | 9.67732 | No | 31.20678 | 2.644E-17 | 9.67732 |
| 23127 | GLOBAL | Cartesian | 31.31724 | 1.291E-17 | 9.59939 | No | 31.31724 | 1.291E-17 | 9.59939 |
| 23128 | GLOBAL | Cartesian | 30.842 | 7.111E-17 | 9.69483 | No | 30.842 | 7.111E-17 | 9.69483 |
| 23129 | GLOBAL | Cartesian | 30.96525 | 5.602E-17 | 9.63018 | No | 30.96525 | 5.602E-17 | 9.63018 |
| 23130 | GLOBAL | Cartesian | 31.08851 | 4.092E-17 | 9.56553 | No | 31.08851 | 4.092E-17 | 9.56553 |
| 23131 | GLOBAL | Cartesian | 31.21177 | 2.583E-17 | 9.50087 | No | 31.21177 | 2.583E-17 | 9.50087 |
| 23132 | GLOBAL | Cartesian | 30.69814 | 8.873E-17 | 9.55646 | No | 30.69814 | 8.873E-17 | 9.55646 |
| 23133 | GLOBAL | Cartesian | 30.83419 | 7.207E-17 | 9.5051 | No | 30.83419 | 7.207E-17 | 9.5051 |
| 23134 | GLOBAL | Cartesian | 30.97024 | 5.541E-17 | 9.45373 | No | 30.97024 | 5.541E-17 | 9.45373 |
| 23135 | GLOBAL | Cartesian | 31.10629 | 3.875E-17 | 9.40236 | No | 31.10629 | 3.875E-17 | 9.40236 |
| 23136 | GLOBAL | Cartesian | 30.55429 | 1.063E-16 | 9.4181 | No | 30.55429 | 1.063E-16 | 9.4181 |
| 23137 | GLOBAL | Cartesian | 30.70313 | 8.812E-17 | 9.38002 | No | 30.70313 | 8.812E-17 | 9.38002 |
| 23138 | GLOBAL | Cartesian | 30.85197 | 6.989E-17 | 9.34193 | No | 30.85197 | 6.989E-17 | 9.34193 |
| 23139 | GLOBAL | Cartesian | 31.00082 | 5.166E-17 | 9.30385 | No | 31.00082 | 5.166E-17 | 9.30385 |
| 23140 | GLOBAL | Cartesian | 30.41043 | 1.24E-16 | 9.27973 | No | 30.41043 | 1.24E-16 | 9.27973 |
| 23141 | GLOBAL | Cartesian | 30.57207 | 1.042E-16 | 9.25494 | No | 30.57207 | 1.042E-16 | 9.25494 |
| 23142 | GLOBAL | Cartesian | 30.7337 | 8.437E-17 | 9.23014 | No | 30.7337 | 8.437E-17 | 9.23014 |
| 23143 | GLOBAL | Cartesian | 30.89534 | 6.458E-17 | 9.20534 | No | 30.89534 | 6.458E-17 | 9.20534 |
| 23144 | GLOBAL | Cartesian | 30.26658 | 1.416E-16 | 9.14137 | No | 30.26658 | 1.416E-16 | 9.14137 |
| 23145 | GLOBAL | Cartesian | 30.44101 | 1.202E-16 | 9.12985 | No | 30.44101 | 1.202E-16 | 9.12985 |
| 23146 | GLOBAL | Cartesian | 30.61543 | 9.886E-17 | 9.11834 | No | 30.61543 | 9.886E-17 | 9.11834 |
| 23147 | GLOBAL | Cartesian | 30.78986 | 7.75E-17 | 9.10683 | No | 30.78986 | 7.75E-17 | 9.10683 |
| 23148 | GLOBAL | Cartesian | 30.30994 | 1.363E-16 | 9.00477 | No | 30.30994 | 1.363E-16 | 9.00477 |
| 23149 | GLOBAL | Cartesian | 30.49717 | 1.133E-16 | 9.00655 | No | 30.49717 | 1.133E-16 | 9.00655 |
| 23150 | GLOBAL | Cartesian | 30.31051 | 1.362E-16 | 8.82554 | No | 30.31051 | 1.362E-16 | 8.82554 |
| 23151 | GLOBAL | Cartesian | 30.4983 | 1.132E-16 | 8.82687 | No | 30.4983 | 1.132E-16 | 8.82687 |
| 23152 | GLOBAL | Cartesian | 30.68609 | 9.021E-17 | 8.8282 | No | 30.68609 | 9.021E-17 | 8.8282 |
| 23153 | GLOBAL | Cartesian | 30.31108 | 1.361E-16 | 8.64631 | No | 30.31108 | 1.361E-16 | 8.64631 |
| 23154 | GLOBAL | Cartesian | 30.49944 | 1.131E-16 | 8.6472 | No | 30.49944 | 1.131E-16 | 8.6472 |
| 23155 | GLOBAL | Cartesian | 30.6878 | 9E-17 | 8.64808 | No | 30.6878 | 9E-17 | 8.64808 |
| 23156 | GLOBAL | Cartesian | 30.31165 | 1.361E-16 | 8.46708 | No | 30.31165 | 1.361E-16 | 8.46708 |
| 23157 | GLOBAL | Cartesian | 30.50058 | 1.129E-16 | 8.46752 | No | 30.50058 | 1.129E-16 | 8.46752 |
| 23158 | GLOBAL | Cartesian | 30.68951 | 8.979E-17 | 8.46796 | No | 30.68951 | 8.979E-17 | 8.46796 |
| 23159 | GLOBAL | Cartesian | 30.31222 | 1.36E-16 | 8.28784 | No | 30.31222 | 1.36E-16 | 8.28784 |
| 23160 | GLOBAL | Cartesian | 30.50172 | 1.128E-16 | 8.28784 | No | 30.50172 | 1.128E-16 | 8.28784 |
| 23161 | GLOBAL | Cartesian | 30.87025 | 6.765E-17 | 8.282 | No | 30.87025 | 6.765E-17 | 8.282 |
| 23162 | GLOBAL | Cartesian | 30.86897 | 6.781E-17 | 9.00832 | No | 30.86897 | 6.781E-17 | 9.00832 |
| 23163 | GLOBAL | Cartesian | 31.05441 | 4.51E-17 | 8.282 | No | 31.05441 | 4.51E-17 | 8.282 |
| 23164 | GLOBAL | Cartesian | 31.05355 | 4.521E-17 | 9.00832 | No | 31.05355 | 4.521E-17 | 9.00832 |
| 23165 | GLOBAL | Cartesian | 31.23856 | 2.255E-17 | 8.282 | No | 31.23856 | 2.255E-17 | 8.282 |
| 23166 | GLOBAL | Cartesian | 31.23814 | 2.26E-17 | 9.00832 | No | 31.23814 | 2.26E-17 | 9.00832 |
| 23167 | GLOBAL | Cartesian | 30.87153 | 6.75E-17 | 8.64808 | No | 30.87153 | 6.75E-17 | 8.64808 |
| 23168 | GLOBAL | Cartesian | 31.05526 | 4.5E-17 | 8.64808 | No | 31.05526 | 4.5E-17 | 8.64808 |
| 23169 | GLOBAL | Cartesian | 31.23899 | 2.25E-17 | 8.64808 | No | 31.23899 | 2.25E-17 | 8.64808 |
| 23170 | GLOBAL | Cartesian | 30.87281 | 6.734E-17 | 8.46796 | No | 30.87281 | 6.734E-17 | 8.46796 |
| 23171 | GLOBAL | Cartesian | 31.05611 | 4.489E-17 | 8.46796 | No | 31.05611 | 4.489E-17 | 8.46796 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23172 | GLOBAL | Cartesian | 31.23942 | 2.244E-17 | 8.46796 | No | 31.23942 | 2.244E-17 | 8.46796 |
| 23173 | GLOBAL | Cartesian | 30.87409 | 6.718E-17 | 8.28784 | No | 30.87409 | 6.718E-17 | 8.28784 |
| 23174 | GLOBAL | Cartesian | 31.05697 | 4.479E-17 | 8.28784 | No | 31.05697 | 4.479E-17 | 8.28784 |
| 23175 | GLOBAL | Cartesian | 31.23984 | 2.239E-17 | 8.28784 | No | 31.23984 | 2.239E-17 | 8.28784 |
| 23176 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 8.8235 | No | 30.02272 | 1.714E-16 | 8.8235 |
| 23177 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 8.82186 | No | 29.82272 | 1.959E-16 | 8.82186 |
| 23178 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 8.64495 | No | 30.02272 | 1.714E-16 | 8.64495 |
| 23179 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 8.64357 | No | 29.82272 | 1.959E-16 | 8.64357 |
| 23180 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 8.4664 | No | 30.02272 | 1.714E-16 | 8.4664 |
| 23181 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 8.46527 | No | 29.82272 | 1.959E-16 | 8.46527 |
| 23182 | GLOBAL | Cartesian | 30.02272 | 1.714E-16 | 8.28784 | No | 30.02272 | 1.714E-16 | 8.28784 |
| 23183 | GLOBAL | Cartesian | 29.82272 | 1.959E-16 | 8.28697 | No | 29.82272 | 1.959E-16 | 8.28697 |
| 23184 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 8.79402 | No | 27.0227 | 5.388E-16 | 8.79402 |
| 23185 | GLOBAL | Cartesian | 27.0227 | 5.388E-16 | 8.61619 | No | 27.0227 | 5.388E-16 | 8.61619 |
| 23186 | GLOBAL | Cartesian | 27.02271 | 5.388E-16 | 8.43836 | No | 27.02271 | 5.388E-16 | 8.43836 |
| 23187 | GLOBAL | Cartesian | 27.02271 | 5.388E-16 | 8.26053 | No | 27.02271 | 5.388E-16 | 8.26053 |
| 23188 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.54778 | No | 11.92272 | 2.388E-15 | 9.54778 |
| 23189 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.26259 | No | 11.92272 | 2.388E-15 | 8.26259 |
| 23190 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.0773 | No | 11.92272 | 2.388E-15 | 8.0773 |
| 23191 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.28073 | No | 11.92272 | 2.388E-15 | 9.28073 |
| 23192 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.11416 | No | 11.92272 | 2.388E-15 | 9.11416 |
| 23193 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.94759 | No | 11.92272 | 2.388E-15 | 8.94759 |
| 23194 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.78102 | No | 11.92272 | 2.388E-15 | 8.78102 |
| 23195 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 8.61446 | No | 11.92272 | 2.388E-15 | 8.61446 |
| 23196 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.11402 | No | 8.92272 | 2.755E-15 | 8.11402 |
| 23197 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 7.91825 | No | 8.92272 | 2.755E-15 | 7.91825 |
| 23198 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 7.892 | No | 11.92272 | 2.388E-15 | 7.892 |
| 23199 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.25203 | No | 8.92272 | 2.755E-15 | 9.25203 |
| 23200 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.01126 | No | 8.92272 | 2.755E-15 | 9.01126 |
| 23201 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.87096 | No | 8.92272 | 2.755E-15 | 8.87096 |
| 23202 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.73067 | No | 8.92272 | 2.755E-15 | 8.73067 |
| 23203 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.59038 | No | 8.92272 | 2.755E-15 | 8.59038 |
| 23204 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 8.45009 | No | 8.92272 | 2.755E-15 | 8.45009 |
| 23205 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 7.72248 | No | 8.92272 | 2.755E-15 | 7.72248 |
| 23206 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.92553 | No | 14.73522 | 2.044E-15 | 9.92553 |
| 23207 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.82504 | No | 14.73522 | 2.044E-15 | 9.82504 |
| 23208 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.90704 | No | 14.54772 | 2.067E-15 | 9.90704 |
| 23209 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.80656 | No | 14.54772 | 2.067E-15 | 9.80656 |
| 23210 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.88856 | No | 14.36022 | 2.089E-15 | 9.88856 |
| 23211 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.78807 | No | 14.36022 | 2.089E-15 | 9.78807 |
| 23212 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.87007 | No | 14.17272 | 2.112E-15 | 9.87007 |
| 23213 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.76959 | No | 14.17272 | 2.112E-15 | 9.76959 |
| 23214 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.85159 | No | 13.98522 | 2.135E-15 | 9.85159 |
| 23215 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.75111 | No | 13.98522 | 2.135E-15 | 9.75111 |
| 23216 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.83311 | No | 13.79772 | 2.158E-15 | 9.83311 |
| 23217 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.73262 | No | 13.79772 | 2.158E-15 | 9.73262 |
| 23218 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.81462 | No | 13.61022 | 2.181E-15 | 9.81462 |
| 23219 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.71414 | No | 13.61022 | 2.181E-15 | 9.71414 |
| 23220 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.79614 | No | 13.42272 | 2.204E-15 | 9.79614 |
| 23221 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.69565 | No | 13.42272 | 2.204E-15 | 9.69565 |
| 23222 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.77765 | No | 13.23522 | 2.227E-15 | 9.77765 |
| 23223 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.67717 | No | 13.23522 | 2.227E-15 | 9.67717 |
| 23224 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.75917 | No | 13.04772 | 2.25E-15 | 9.75917 |
| 23225 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.65868 | No | 13.04772 | 2.25E-15 | 9.65868 |
| 23226 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.74069 | No | 12.86022 | 2.273E-15 | 9.74069 |
| 23227 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.6402 | No | 12.86022 | 2.273E-15 | 9.6402 |
| 23228 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.7222 | No | 12.67272 | 2.296E-15 | 9.7222 |
| 23229 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.62172 | No | 12.67272 | 2.296E-15 | 9.62172 |
| 23230 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.70372 | No | 12.48522 | 2.319E-15 | 9.70372 |
| 23231 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.60323 | No | 12.48522 | 2.319E-15 | 9.60323 |
| 23232 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.68523 | No | 12.29772 | 2.342E-15 | 9.68523 |
| 23233 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.58475 | No | 12.29772 | 2.342E-15 | 9.58475 |
| 23234 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.66675 | No | 12.11022 | 2.365E-15 | 9.66675 |
| 23235 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.56626 | No | 12.11022 | 2.365E-15 | 9.56626 |
| 23236 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.72456 | No | 14.73522 | 2.044E-15 | 9.72456 |
| 23237 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.70607 | No | 14.54772 | 2.067E-15 | 9.70607 |
| 23238 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.68759 | No | 14.36022 | 2.089E-15 | 9.68759 |
| 23239 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.6691 | No | 14.17272 | 2.112E-15 | 9.6691 |
| 23240 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.65062 | No | 13.98522 | 2.135E-15 | 9.65062 |
| 23241 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.63214 | No | 13.79772 | 2.158E-15 | 9.63214 |
| 23242 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.61365 | No | 13.61022 | 2.181E-15 | 9.61365 |
| 23243 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.59517 | No | 13.42272 | 2.204E-15 | 9.59517 |
| 23244 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.57668 | No | 13.23522 | 2.227E-15 | 9.57668 |
| 23245 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.5582 | No | 13.04772 | 2.25E-15 | 9.5582 |
| 23246 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.53972 | No | 12.86022 | 2.273E-15 | 9.53972 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23247 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.52123 | No | 12.67272 | 2.296E-15 | 9.52123 |
| 23248 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.50275 | No | 12.48522 | 2.319E-15 | 9.50275 |
| 23249 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.48426 | No | 12.29772 | 2.342E-15 | 9.48426 |
| 23250 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.46578 | No | 12.11022 | 2.365E-15 | 9.46578 |
| 23251 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.57735 | No | 14.73522 | 2.044E-15 | 8.57735 |
| 23252 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.39847 | No | 14.73522 | 2.044E-15 | 8.39847 |
| 23253 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.56872 | No | 14.54772 | 2.067E-15 | 8.56872 |
| 23254 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.38941 | No | 14.54772 | 2.067E-15 | 8.38941 |
| 23255 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.56009 | No | 14.36022 | 2.089E-15 | 8.56009 |
| 23256 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.38036 | No | 14.36022 | 2.089E-15 | 8.38036 |
| 23257 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.55146 | No | 14.17272 | 2.112E-15 | 8.55146 |
| 23258 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.3713 | No | 14.17272 | 2.112E-15 | 8.3713 |
| 23259 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.54283 | No | 13.98522 | 2.135E-15 | 8.54283 |
| 23260 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.36224 | No | 13.98522 | 2.135E-15 | 8.36224 |
| 23261 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 8.5342 | No | 13.79772 | 2.158E-15 | 8.5342 |
| 23262 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 8.35318 | No | 13.79772 | 2.158E-15 | 8.35318 |
| 23263 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 8.52557 | No | 13.61022 | 2.181E-15 | 8.52557 |
| 23264 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 8.34412 | No | 13.61022 | 2.181E-15 | 8.34412 |
| 23265 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 8.51693 | No | 13.42272 | 2.204E-15 | 8.51693 |
| 23266 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 8.33506 | No | 13.42272 | 2.204E-15 | 8.33506 |
| 23267 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 8.5083 | No | 13.23522 | 2.227E-15 | 8.5083 |
| 23268 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 8.326 | No | 13.23522 | 2.227E-15 | 8.326 |
| 23269 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 8.49967 | No | 13.04772 | 2.25E-15 | 8.49967 |
| 23270 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 8.31694 | No | 13.04772 | 2.25E-15 | 8.31694 |
| 23271 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 8.49104 | No | 12.86022 | 2.273E-15 | 8.49104 |
| 23272 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 8.30789 | No | 12.86022 | 2.273E-15 | 8.30789 |
| 23273 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 8.48241 | No | 12.67272 | 2.296E-15 | 8.48241 |
| 23274 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 8.29883 | No | 12.67272 | 2.296E-15 | 8.29883 |
| 23275 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.47378 | No | 12.48522 | 2.319E-15 | 8.47378 |
| 23276 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.28977 | No | 12.48522 | 2.319E-15 | 8.28977 |
| 23277 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.46515 | No | 12.29772 | 2.342E-15 | 8.46515 |
| 23278 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.28071 | No | 12.29772 | 2.342E-15 | 8.28071 |
| 23279 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.45652 | No | 12.11022 | 2.365E-15 | 8.45652 |
| 23280 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.27165 | No | 12.11022 | 2.365E-15 | 8.27165 |
| 23281 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.21959 | No | 14.73522 | 2.044E-15 | 8.21959 |
| 23282 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.21011 | No | 14.54772 | 2.067E-15 | 8.21011 |
| 23283 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.20062 | No | 14.36022 | 2.089E-15 | 8.20062 |
| 23284 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.19113 | No | 14.17272 | 2.112E-15 | 8.19113 |
| 23285 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.18165 | No | 13.98522 | 2.135E-15 | 8.18165 |
| 23286 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 8.17216 | No | 13.79772 | 2.158E-15 | 8.17216 |
| 23287 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 8.16267 | No | 13.61022 | 2.181E-15 | 8.16267 |
| 23288 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 8.15319 | No | 13.42272 | 2.204E-15 | 8.15319 |
| 23289 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 8.1437 | No | 13.23522 | 2.227E-15 | 8.1437 |
| 23290 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 8.13421 | No | 13.04772 | 2.25E-15 | 8.13421 |
| 23291 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 8.12473 | No | 12.86022 | 2.273E-15 | 8.12473 |
| 23292 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 8.11524 | No | 12.67272 | 2.296E-15 | 8.11524 |
| 23293 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.10575 | No | 12.48522 | 2.319E-15 | 8.10575 |
| 23294 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.09627 | No | 12.29772 | 2.342E-15 | 8.09627 |
| 23295 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.08678 | No | 12.11022 | 2.365E-15 | 8.08678 |
| 23296 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.53336 | No | 14.73522 | 2.044E-15 | 9.53336 |
| 23297 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.51651 | No | 14.54772 | 2.067E-15 | 9.51651 |
| 23298 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.49967 | No | 14.36022 | 2.089E-15 | 9.49967 |
| 23299 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.48283 | No | 14.17272 | 2.112E-15 | 9.48283 |
| 23300 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.46599 | No | 13.98522 | 2.135E-15 | 9.46599 |
| 23301 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.44915 | No | 13.79772 | 2.158E-15 | 9.44915 |
| 23302 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.4323 | No | 13.61022 | 2.181E-15 | 9.4323 |
| 23303 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.41546 | No | 13.42272 | 2.204E-15 | 9.41546 |
| 23304 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.39862 | No | 13.23522 | 2.227E-15 | 9.39862 |
| 23305 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.38178 | No | 13.04772 | 2.25E-15 | 9.38178 |
| 23306 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.36494 | No | 12.86022 | 2.273E-15 | 9.36494 |
| 23307 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.34809 | No | 12.67272 | 2.296E-15 | 9.34809 |
| 23308 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.33125 | No | 12.48522 | 2.319E-15 | 9.33125 |
| 23309 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.31441 | No | 12.29772 | 2.342E-15 | 9.31441 |
| 23310 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.29757 | No | 12.11022 | 2.365E-15 | 9.29757 |
| 23311 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.34216 | No | 14.73522 | 2.044E-15 | 9.34216 |
| 23312 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.32696 | No | 14.54772 | 2.067E-15 | 9.32696 |
| 23313 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.31176 | No | 14.36022 | 2.089E-15 | 9.31176 |
| 23314 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.29656 | No | 14.17272 | 2.112E-15 | 9.29656 |
| 23315 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.28136 | No | 13.98522 | 2.135E-15 | 9.28136 |
| 23316 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.26616 | No | 13.79772 | 2.158E-15 | 9.26616 |
| 23317 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.25096 | No | 13.61022 | 2.181E-15 | 9.25096 |
| 23318 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.23576 | No | 13.42272 | 2.204E-15 | 9.23576 |
| 23319 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.22056 | No | 13.23522 | 2.227E-15 | 9.22056 |
| 23320 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.20536 | No | 13.04772 | 2.25E-15 | 9.20536 |
| 23321 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.19016 | No | 12.86022 | 2.273E-15 | 9.19016 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23322 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.17496 | No | 12.67272 | 2.296E-15 | 9.17496 |
| 23323 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.15976 | No | 12.48522 | 2.319E-15 | 9.15976 |
| 23324 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.14456 | No | 12.29772 | 2.342E-15 | 9.14456 |
| 23325 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.12936 | No | 12.11022 | 2.365E-15 | 9.12936 |
| 23326 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.15095 | No | 14.73522 | 2.044E-15 | 9.15095 |
| 23327 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.1374 | No | 14.54772 | 2.067E-15 | 9.1374 |
| 23328 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.12384 | No | 14.36022 | 2.089E-15 | 9.12384 |
| 23329 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.11028 | No | 14.17272 | 2.112E-15 | 9.11028 |
| 23330 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.09672 | No | 13.98522 | 2.135E-15 | 9.09672 |
| 23331 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.08317 | No | 13.79772 | 2.158E-15 | 9.08317 |
| 23332 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.06961 | No | 13.61022 | 2.181E-15 | 9.06961 |
| 23333 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.05605 | No | 13.42272 | 2.204E-15 | 9.05605 |
| 23334 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.04249 | No | 13.23522 | 2.227E-15 | 9.04249 |
| 23335 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.02894 | No | 13.04772 | 2.25E-15 | 9.02894 |
| 23336 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.01538 | No | 12.86022 | 2.273E-15 | 9.01538 |
| 23337 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.00182 | No | 12.67272 | 2.296E-15 | 9.00182 |
| 23338 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.98826 | No | 12.48522 | 2.319E-15 | 8.98826 |
| 23339 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.97471 | No | 12.29772 | 2.342E-15 | 8.97471 |
| 23340 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.96115 | No | 12.11022 | 2.365E-15 | 8.96115 |
| 23341 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.95975 | No | 14.73522 | 2.044E-15 | 8.95975 |
| 23342 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.94784 | No | 14.54772 | 2.067E-15 | 8.94784 |
| 23343 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.93592 | No | 14.36022 | 2.089E-15 | 8.93592 |
| 23344 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.92401 | No | 14.17272 | 2.112E-15 | 8.92401 |
| 23345 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.91209 | No | 13.98522 | 2.135E-15 | 8.91209 |
| 23346 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 8.90018 | No | 13.79772 | 2.158E-15 | 8.90018 |
| 23347 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 8.88826 | No | 13.61022 | 2.181E-15 | 8.88826 |
| 23348 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 8.87635 | No | 13.42272 | 2.204E-15 | 8.87635 |
| 23349 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 8.86443 | No | 13.23522 | 2.227E-15 | 8.86443 |
| 23350 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 8.85252 | No | 13.04772 | 2.25E-15 | 8.85252 |
| 23351 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 8.8406 | No | 12.86022 | 2.273E-15 | 8.8406 |
| 23352 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 8.82868 | No | 12.67272 | 2.296E-15 | 8.82868 |
| 23353 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.81677 | No | 12.48522 | 2.319E-15 | 8.81677 |
| 23354 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.80485 | No | 12.29772 | 2.342E-15 | 8.80485 |
| 23355 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.79294 | No | 12.11022 | 2.365E-15 | 8.79294 |
| 23356 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.76855 | No | 14.73522 | 2.044E-15 | 8.76855 |
| 23357 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.75828 | No | 14.54772 | 2.067E-15 | 8.75828 |
| 23358 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.74801 | No | 14.36022 | 2.089E-15 | 8.74801 |
| 23359 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.73773 | No | 14.17272 | 2.112E-15 | 8.73773 |
| 23360 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.72746 | No | 13.98522 | 2.135E-15 | 8.72746 |
| 23361 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 8.71719 | No | 13.79772 | 2.158E-15 | 8.71719 |
| 23362 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 8.70691 | No | 13.61022 | 2.181E-15 | 8.70691 |
| 23363 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 8.69664 | No | 13.42272 | 2.204E-15 | 8.69664 |
| 23364 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 8.68637 | No | 13.23522 | 2.227E-15 | 8.68637 |
| 23365 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 8.67609 | No | 13.04772 | 2.25E-15 | 8.67609 |
| 23366 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 8.66582 | No | 12.86022 | 2.273E-15 | 8.66582 |
| 23367 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 8.65555 | No | 12.67272 | 2.296E-15 | 8.65555 |
| 23368 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 8.64527 | No | 12.48522 | 2.319E-15 | 8.64527 |
| 23369 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 8.635 | No | 12.29772 | 2.342E-15 | 8.635 |
| 23370 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 8.62473 | No | 12.11022 | 2.365E-15 | 8.62473 |
| 23371 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 8.04072 | No | 14.73522 | 2.044E-15 | 8.04072 |
| 23372 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 8.0308 | No | 14.54772 | 2.067E-15 | 8.0308 |
| 23373 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 8.02089 | No | 14.36022 | 2.089E-15 | 8.02089 |
| 23374 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 8.01097 | No | 14.17272 | 2.112E-15 | 8.01097 |
| 23375 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 8.00106 | No | 13.98522 | 2.135E-15 | 8.00106 |
| 23376 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 7.99114 | No | 13.79772 | 2.158E-15 | 7.99114 |
| 23377 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 7.98123 | No | 13.61022 | 2.181E-15 | 7.98123 |
| 23378 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 7.97132 | No | 13.42272 | 2.204E-15 | 7.97132 |
| 23379 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 7.9614 | No | 13.23522 | 2.227E-15 | 7.9614 |
| 23380 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 7.95149 | No | 13.04772 | 2.25E-15 | 7.95149 |
| 23381 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 7.94157 | No | 12.86022 | 2.273E-15 | 7.94157 |
| 23382 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 7.93166 | No | 12.67272 | 2.296E-15 | 7.93166 |
| 23383 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 7.92174 | No | 12.48522 | 2.319E-15 | 7.92174 |
| 23384 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 7.91183 | No | 12.29772 | 2.342E-15 | 7.91183 |
| 23385 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 7.90192 | No | 12.11022 | 2.365E-15 | 7.90192 |
| 23386 | GLOBAL | Cartesian | 14.73361 | 2.044E-15 | 7.86176 | No | 14.73361 | 2.044E-15 | 7.86176 |
| 23387 | GLOBAL | Cartesian | 14.54622 | 2.067E-15 | 7.85142 | No | 14.54622 | 2.067E-15 | 7.85142 |
| 23388 | GLOBAL | Cartesian | 14.35883 | 2.09E-15 | 7.84107 | No | 14.35883 | 2.09E-15 | 7.84107 |
| 23389 | GLOBAL | Cartesian | 14.17143 | 2.113E-15 | 7.83073 | No | 14.17143 | 2.113E-15 | 7.83073 |
| 23390 | GLOBAL | Cartesian | 13.98404 | 2.136E-15 | 7.82039 | No | 13.98404 | 2.136E-15 | 7.82039 |
| 23391 | GLOBAL | Cartesian | 13.79665 | 2.158E-15 | 7.81004 | No | 13.79665 | 2.158E-15 | 7.81004 |
| 23392 | GLOBAL | Cartesian | 13.60926 | 2.181E-15 | 7.7997 | No | 13.60926 | 2.181E-15 | 7.7997 |
| 23393 | GLOBAL | Cartesian | 13.42186 | 2.204E-15 | 7.78936 | No | 13.42186 | 2.204E-15 | 7.78936 |
| 23394 | GLOBAL | Cartesian | 13.23447 | 2.227E-15 | 7.77902 | No | 13.23447 | 2.227E-15 | 7.77902 |
| 23395 | GLOBAL | Cartesian | 13.04708 | 2.25E-15 | 7.76867 | No | 13.04708 | 2.25E-15 | 7.76867 |
| 23396 | GLOBAL | Cartesian | 12.85968 | 2.273E-15 | 7.75833 | No | 12.85968 | 2.273E-15 | 7.75833 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23397 | GLOBAL | Cartesian | 12.67229 | 2.296E-15 | 7.74799 | No | 12.67229 | 2.296E-15 | 7.74799 |
| 23398 | GLOBAL | Cartesian | 12.4849 | 2.319E-15 | 7.73764 | No | 12.4849 | 2.319E-15 | 7.73764 |
| 23399 | GLOBAL | Cartesian | 12.29751 | 2.342E-15 | 7.7273 | No | 12.29751 | 2.342E-15 | 7.7273 |
| 23400 | GLOBAL | Cartesian | 12.11011 | 2.365E-15 | 7.71696 | No | 12.11011 | 2.365E-15 | 7.71696 |
| 23401 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.43926 | No | 11.73522 | 2.411E-15 | 8.43926 |
| 23402 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.25331 | No | 11.73522 | 2.411E-15 | 8.25331 |
| 23403 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.43063 | No | 11.54772 | 2.434E-15 | 8.43063 |
| 23404 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.24402 | No | 11.54772 | 2.434E-15 | 8.24402 |
| 23405 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.42199 | No | 11.36022 | 2.457E-15 | 8.42199 |
| 23406 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.23473 | No | 11.36022 | 2.457E-15 | 8.23473 |
| 23407 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.41336 | No | 11.17272 | 2.48E-15 | 8.41336 |
| 23408 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.22545 | No | 11.17272 | 2.48E-15 | 8.22545 |
| 23409 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.40473 | No | 10.98522 | 2.503E-15 | 8.40473 |
| 23410 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.21616 | No | 10.98522 | 2.503E-15 | 8.21616 |
| 23411 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.3961 | No | 10.79772 | 2.526E-15 | 8.3961 |
| 23412 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.20688 | No | 10.79772 | 2.526E-15 | 8.20688 |
| 23413 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.38747 | No | 10.61022 | 2.549E-15 | 8.38747 |
| 23414 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.19759 | No | 10.61022 | 2.549E-15 | 8.19759 |
| 23415 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.37884 | No | 10.42272 | 2.572E-15 | 8.37884 |
| 23416 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.18831 | No | 10.42272 | 2.572E-15 | 8.18831 |
| 23417 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.37021 | No | 10.23522 | 2.595E-15 | 8.37021 |
| 23418 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.17902 | No | 10.23522 | 2.595E-15 | 8.17902 |
| 23419 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.36158 | No | 10.04772 | 2.618E-15 | 8.36158 |
| 23420 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.16973 | No | 10.04772 | 2.618E-15 | 8.16973 |
| 23421 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.35295 | No | 9.86022 | 2.641E-15 | 8.35295 |
| 23422 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.16045 | No | 9.86022 | 2.641E-15 | 8.16045 |
| 23423 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.34432 | No | 9.67272 | 2.664E-15 | 8.34432 |
| 23424 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.15116 | No | 9.67272 | 2.664E-15 | 8.15116 |
| 23425 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.33569 | No | 9.48522 | 2.686E-15 | 8.33569 |
| 23426 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.14188 | No | 9.48522 | 2.686E-15 | 8.14188 |
| 23427 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.32705 | No | 9.29772 | 2.709E-15 | 8.32705 |
| 23428 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.13259 | No | 9.29772 | 2.709E-15 | 8.13259 |
| 23429 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.31842 | No | 9.11022 | 2.732E-15 | 8.31842 |
| 23430 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.12331 | No | 9.11022 | 2.732E-15 | 8.12331 |
| 23431 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.06735 | No | 11.73522 | 2.411E-15 | 8.06735 |
| 23432 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.05741 | No | 11.54772 | 2.434E-15 | 8.05741 |
| 23433 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.04747 | No | 11.36022 | 2.457E-15 | 8.04747 |
| 23434 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.03753 | No | 11.17272 | 2.48E-15 | 8.03753 |
| 23435 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.02759 | No | 10.98522 | 2.503E-15 | 8.02759 |
| 23436 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.01765 | No | 10.79772 | 2.526E-15 | 8.01765 |
| 23437 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.00771 | No | 10.61022 | 2.549E-15 | 8.00771 |
| 23438 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 7.99777 | No | 10.42272 | 2.572E-15 | 7.99777 |
| 23439 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 7.98783 | No | 10.23522 | 2.595E-15 | 7.98783 |
| 23440 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 7.97789 | No | 10.04772 | 2.618E-15 | 7.97789 |
| 23441 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 7.96795 | No | 9.86022 | 2.641E-15 | 7.96795 |
| 23442 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 7.95801 | No | 9.67272 | 2.664E-15 | 7.95801 |
| 23443 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 7.94807 | No | 9.48522 | 2.686E-15 | 7.94807 |
| 23444 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 7.93813 | No | 9.29772 | 2.709E-15 | 7.93813 |
| 23445 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 7.92819 | No | 9.11022 | 2.732E-15 | 7.92819 |
| 23446 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.62978 | No | 11.73522 | 2.411E-15 | 9.62978 |
| 23447 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.5293 | No | 11.73522 | 2.411E-15 | 9.5293 |
| 23448 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.6113 | No | 11.54772 | 2.434E-15 | 9.6113 |
| 23449 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.51081 | No | 11.54772 | 2.434E-15 | 9.51081 |
| 23450 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.59281 | No | 11.36022 | 2.457E-15 | 9.59281 |
| 23451 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.49233 | No | 11.36022 | 2.457E-15 | 9.49233 |
| 23452 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.57433 | No | 11.17272 | 2.48E-15 | 9.57433 |
| 23453 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.47384 | No | 11.17272 | 2.48E-15 | 9.47384 |
| 23454 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.55584 | No | 10.98522 | 2.503E-15 | 9.55584 |
| 23455 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.45536 | No | 10.98522 | 2.503E-15 | 9.45536 |
| 23456 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.53736 | No | 10.79772 | 2.526E-15 | 9.53736 |
| 23457 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.43687 | No | 10.79772 | 2.526E-15 | 9.43687 |
| 23458 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.51888 | No | 10.61022 | 2.549E-15 | 9.51888 |
| 23459 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.41839 | No | 10.61022 | 2.549E-15 | 9.41839 |
| 23460 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.50039 | No | 10.42272 | 2.572E-15 | 9.50039 |
| 23461 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.39991 | No | 10.42272 | 2.572E-15 | 9.39991 |
| 23462 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.48191 | No | 10.23522 | 2.595E-15 | 9.48191 |
| 23463 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.38142 | No | 10.23522 | 2.595E-15 | 9.38142 |
| 23464 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.46342 | No | 10.04772 | 2.618E-15 | 9.46342 |
| 23465 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.36294 | No | 10.04772 | 2.618E-15 | 9.36294 |
| 23466 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.44494 | No | 9.86022 | 2.641E-15 | 9.44494 |
| 23467 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.34445 | No | 9.86022 | 2.641E-15 | 9.34445 |
| 23468 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.42645 | No | 9.67272 | 2.664E-15 | 9.42645 |
| 23469 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.32597 | No | 9.67272 | 2.664E-15 | 9.32597 |
| 23470 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.40797 | No | 9.48522 | 2.686E-15 | 9.40797 |
| 23471 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.30749 | No | 9.48522 | 2.686E-15 | 9.30749 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23472 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.38949 | No | 9.29772 | 2.709E-15 | 9.38949 |
| 23473 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.289 | No | 9.29772 | 2.709E-15 | 9.289 |
| 23474 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.371 | No | 9.11022 | 2.732E-15 | 9.371 |
| 23475 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.27052 | No | 9.11022 | 2.732E-15 | 9.27052 |
| 23476 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.42881 | No | 11.73522 | 2.411E-15 | 9.42881 |
| 23477 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.41033 | No | 11.54772 | 2.434E-15 | 9.41033 |
| 23478 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.39184 | No | 11.36022 | 2.457E-15 | 9.39184 |
| 23479 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.37336 | No | 11.17272 | 2.48E-15 | 9.37336 |
| 23480 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.35487 | No | 10.98522 | 2.503E-15 | 9.35487 |
| 23481 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.33639 | No | 10.79772 | 2.526E-15 | 9.33639 |
| 23482 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.31791 | No | 10.61022 | 2.549E-15 | 9.31791 |
| 23483 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.29942 | No | 10.42272 | 2.572E-15 | 9.29942 |
| 23484 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.28094 | No | 10.23522 | 2.595E-15 | 9.28094 |
| 23485 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.26245 | No | 10.04772 | 2.618E-15 | 9.26245 |
| 23486 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.24397 | No | 9.86022 | 2.641E-15 | 9.24397 |
| 23487 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.22549 | No | 9.67272 | 2.664E-15 | 9.22549 |
| 23488 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.207 | No | 9.48522 | 2.686E-15 | 9.207 |
| 23489 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.18852 | No | 9.29772 | 2.709E-15 | 9.18852 |
| 23490 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.17003 | No | 9.11022 | 2.732E-15 | 9.17003 |
| 23491 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.26389 | No | 11.73522 | 2.411E-15 | 9.26389 |
| 23492 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.24704 | No | 11.54772 | 2.434E-15 | 9.24704 |
| 23493 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.2302 | No | 11.36022 | 2.457E-15 | 9.2302 |
| 23494 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.21336 | No | 11.17272 | 2.48E-15 | 9.21336 |
| 23495 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.19652 | No | 10.98522 | 2.503E-15 | 9.19652 |
| 23496 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.17968 | No | 10.79772 | 2.526E-15 | 9.17968 |
| 23497 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.16283 | No | 10.61022 | 2.549E-15 | 9.16283 |
| 23498 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.14599 | No | 10.42272 | 2.572E-15 | 9.14599 |
| 23499 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.12915 | No | 10.23522 | 2.595E-15 | 9.12915 |
| 23500 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.11231 | No | 10.04772 | 2.618E-15 | 9.11231 |
| 23501 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.09547 | No | 9.86022 | 2.641E-15 | 9.09547 |
| 23502 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.07862 | No | 9.67272 | 2.664E-15 | 9.07862 |
| 23503 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.06178 | No | 9.48522 | 2.686E-15 | 9.06178 |
| 23504 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.04494 | No | 9.29772 | 2.709E-15 | 9.04494 |
| 23505 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.0281 | No | 9.11022 | 2.732E-15 | 9.0281 |
| 23506 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.09896 | No | 11.73522 | 2.411E-15 | 9.09896 |
| 23507 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.08376 | No | 11.54772 | 2.434E-15 | 9.08376 |
| 23508 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.06856 | No | 11.36022 | 2.457E-15 | 9.06856 |
| 23509 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.05336 | No | 11.17272 | 2.48E-15 | 9.05336 |
| 23510 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.03816 | No | 10.98522 | 2.503E-15 | 9.03816 |
| 23511 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.02296 | No | 10.79772 | 2.526E-15 | 9.02296 |
| 23512 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.00776 | No | 10.61022 | 2.549E-15 | 9.00776 |
| 23513 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.99256 | No | 10.42272 | 2.572E-15 | 8.99256 |
| 23514 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.97736 | No | 10.23522 | 2.595E-15 | 8.97736 |
| 23515 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.96216 | No | 10.04772 | 2.618E-15 | 8.96216 |
| 23516 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.94696 | No | 9.86022 | 2.641E-15 | 8.94696 |
| 23517 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.93176 | No | 9.67272 | 2.664E-15 | 8.93176 |
| 23518 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.91656 | No | 9.48522 | 2.686E-15 | 8.91656 |
| 23519 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.90136 | No | 9.29772 | 2.709E-15 | 8.90136 |
| 23520 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.88616 | No | 9.11022 | 2.732E-15 | 8.88616 |
| 23521 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.93403 | No | 11.73522 | 2.411E-15 | 8.93403 |
| 23522 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.92048 | No | 11.54772 | 2.434E-15 | 8.92048 |
| 23523 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.90692 | No | 11.36022 | 2.457E-15 | 8.90692 |
| 23524 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.89336 | No | 11.17272 | 2.48E-15 | 8.89336 |
| 23525 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.8798 | No | 10.98522 | 2.503E-15 | 8.8798 |
| 23526 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.86625 | No | 10.79772 | 2.526E-15 | 8.86625 |
| 23527 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.85269 | No | 10.61022 | 2.549E-15 | 8.85269 |
| 23528 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.83913 | No | 10.42272 | 2.572E-15 | 8.83913 |
| 23529 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.82557 | No | 10.23522 | 2.595E-15 | 8.82557 |
| 23530 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.81202 | No | 10.04772 | 2.618E-15 | 8.81202 |
| 23531 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.79846 | No | 9.86022 | 2.641E-15 | 8.79846 |
| 23532 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.7849 | No | 9.67272 | 2.664E-15 | 8.7849 |
| 23533 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.77134 | No | 9.48522 | 2.686E-15 | 8.77134 |
| 23534 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.75779 | No | 9.29772 | 2.709E-15 | 8.75779 |
| 23535 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.74423 | No | 9.11022 | 2.732E-15 | 8.74423 |
| 23536 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.76911 | No | 11.73522 | 2.411E-15 | 8.76911 |
| 23537 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.75719 | No | 11.54772 | 2.434E-15 | 8.75719 |
| 23538 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.74528 | No | 11.36022 | 2.457E-15 | 8.74528 |
| 23539 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.73336 | No | 11.17272 | 2.48E-15 | 8.73336 |
| 23540 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.72145 | No | 10.98522 | 2.503E-15 | 8.72145 |
| 23541 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.70953 | No | 10.79772 | 2.526E-15 | 8.70953 |
| 23542 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.69762 | No | 10.61022 | 2.549E-15 | 8.69762 |
| 23543 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.6857 | No | 10.42272 | 2.572E-15 | 8.6857 |
| 23544 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.67379 | No | 10.23522 | 2.595E-15 | 8.67379 |
| 23545 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.66187 | No | 10.04772 | 2.618E-15 | 8.66187 |
| 23546 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.64995 | No | 9.86022 | 2.641E-15 | 8.64995 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23547 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.63804 | No | 9.67272 | 2.664E-15 | 8.63804 |
| 23548 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.62612 | No | 9.48522 | 2.686E-15 | 8.62612 |
| 23549 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.61421 | No | 9.29772 | 2.709E-15 | 8.61421 |
| 23550 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.60229 | No | 9.11022 | 2.732E-15 | 8.60229 |
| 23551 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 8.60418 | No | 11.73522 | 2.411E-15 | 8.60418 |
| 23552 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 8.59391 | No | 11.54772 | 2.434E-15 | 8.59391 |
| 23553 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 8.58364 | No | 11.36022 | 2.457E-15 | 8.58364 |
| 23554 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 8.57336 | No | 11.17272 | 2.48E-15 | 8.57336 |
| 23555 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 8.56309 | No | 10.98522 | 2.503E-15 | 8.56309 |
| 23556 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 8.55282 | No | 10.79772 | 2.526E-15 | 8.55282 |
| 23557 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 8.54254 | No | 10.61022 | 2.549E-15 | 8.54254 |
| 23558 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 8.53227 | No | 10.42272 | 2.572E-15 | 8.53227 |
| 23559 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 8.522 | No | 10.23522 | 2.595E-15 | 8.522 |
| 23560 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 8.51172 | No | 10.04772 | 2.618E-15 | 8.51172 |
| 23561 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 8.50145 | No | 9.86022 | 2.641E-15 | 8.50145 |
| 23562 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 8.49118 | No | 9.67272 | 2.664E-15 | 8.49118 |
| 23563 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 8.4809 | No | 9.48522 | 2.686E-15 | 8.4809 |
| 23564 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 8.47063 | No | 9.29772 | 2.709E-15 | 8.47063 |
| 23565 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 8.46036 | No | 9.11022 | 2.732E-15 | 8.46036 |
| 23566 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 7.88141 | No | 11.73522 | 2.411E-15 | 7.88141 |
| 23567 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 7.87081 | No | 11.54772 | 2.434E-15 | 7.87081 |
| 23568 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 7.86022 | No | 11.36022 | 2.457E-15 | 7.86022 |
| 23569 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 7.84962 | No | 11.17272 | 2.48E-15 | 7.84962 |
| 23570 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 7.83903 | No | 10.98522 | 2.503E-15 | 7.83903 |
| 23571 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 7.82843 | No | 10.79772 | 2.526E-15 | 7.82843 |
| 23572 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 7.81784 | No | 10.61022 | 2.549E-15 | 7.81784 |
| 23573 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 7.80724 | No | 10.42272 | 2.572E-15 | 7.80724 |
| 23574 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 7.79665 | No | 10.23522 | 2.595E-15 | 7.79665 |
| 23575 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 7.78605 | No | 10.04772 | 2.618E-15 | 7.78605 |
| 23576 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 7.77546 | No | 9.86022 | 2.641E-15 | 7.77546 |
| 23577 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 7.76486 | No | 9.67272 | 2.664E-15 | 7.76486 |
| 23578 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 7.75427 | No | 9.48522 | 2.686E-15 | 7.75427 |
| 23579 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 7.74367 | No | 9.29772 | 2.709E-15 | 7.74367 |
| 23580 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 7.73308 | No | 9.11022 | 2.732E-15 | 7.73308 |
| 23581 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 7.69537 | No | 11.73522 | 2.411E-15 | 7.69537 |
| 23582 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 7.68412 | No | 11.54772 | 2.434E-15 | 7.68412 |
| 23583 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 7.67287 | No | 11.36022 | 2.457E-15 | 7.67287 |
| 23584 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 7.66162 | No | 11.17272 | 2.48E-15 | 7.66162 |
| 23585 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 7.65037 | No | 10.98522 | 2.503E-15 | 7.65037 |
| 23586 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 7.63912 | No | 10.79772 | 2.526E-15 | 7.63912 |
| 23587 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 7.62787 | No | 10.61022 | 2.549E-15 | 7.62787 |
| 23588 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 7.61662 | No | 10.42272 | 2.572E-15 | 7.61662 |
| 23589 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 7.60537 | No | 10.23522 | 2.595E-15 | 7.60537 |
| 23590 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 7.59412 | No | 10.04772 | 2.618E-15 | 7.59412 |
| 23591 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 7.58287 | No | 9.86022 | 2.641E-15 | 7.58287 |
| 23592 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 7.57162 | No | 9.67272 | 2.664E-15 | 7.57162 |
| 23593 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 7.56037 | No | 9.48522 | 2.686E-15 | 7.56037 |
| 23594 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 7.54912 | No | 9.29772 | 2.709E-15 | 7.54912 |
| 23595 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 7.53787 | No | 9.11022 | 2.732E-15 | 7.53787 |
| 23596 | GLOBAL | Cartesian | 30.21558 | 1.478E-16 | 11.35113 | No | 30.21558 | 1.478E-16 | 11.35113 |
| 23597 | GLOBAL | Cartesian | 30.21558 | 1.478E-16 | 11.45161 | No | 30.21558 | 1.478E-16 | 11.45161 |
| 23598 | GLOBAL | Cartesian | 27.21558 | 5.152E-16 | 11.05538 | No | 27.21558 | 5.152E-16 | 11.05538 |
| 23599 | GLOBAL | Cartesian | 27.21558 | 5.152E-16 | 11.15587 | No | 27.21558 | 5.152E-16 | 11.15587 |
| 23600 | GLOBAL | Cartesian | 27.02272 | 5.388E-16 | 10.83741 | No | 27.02272 | 5.388E-16 | 10.83741 |
| 23601 | GLOBAL | Cartesian | 26.92272 | 5.511E-16 | 10.82797 | No | 26.92272 | 5.511E-16 | 10.82797 |
| 23602 | GLOBAL | Cartesian | 26.82272 | 5.633E-16 | 10.81852 | No | 26.82272 | 5.633E-16 | 10.81852 |
| 23603 | GLOBAL | Cartesian | 26.72272 | 5.756E-16 | 10.80907 | No | 26.72272 | 5.756E-16 | 10.80907 |
| 23604 | GLOBAL | Cartesian | 24.21558 | 8.826E-16 | 10.75964 | No | 24.21558 | 8.826E-16 | 10.75964 |
| 23605 | GLOBAL | Cartesian | 24.21558 | 8.826E-16 | 10.86012 | No | 24.21558 | 8.826E-16 | 10.86012 |
| 23606 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.57632 | No | 24.02272 | 9.062E-16 | 10.57632 |
| 23607 | GLOBAL | Cartesian | 24.02272 | 9.062E-16 | 10.51251 | No | 24.02272 | 9.062E-16 | 10.51251 |
| 23608 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.56674 | No | 23.92272 | 9.185E-16 | 10.56674 |
| 23609 | GLOBAL | Cartesian | 23.92272 | 9.185E-16 | 10.50319 | No | 23.92272 | 9.185E-16 | 10.50319 |
| 23610 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.55709 | No | 23.82217 | 9.308E-16 | 10.55709 |
| 23611 | GLOBAL | Cartesian | 23.82217 | 9.308E-16 | 10.49382 | No | 23.82217 | 9.308E-16 | 10.49382 |
| 23612 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.54745 | No | 23.72163 | 9.431E-16 | 10.54745 |
| 23613 | GLOBAL | Cartesian | 23.72163 | 9.431E-16 | 10.48445 | No | 23.72163 | 9.431E-16 | 10.48445 |
| 23614 | GLOBAL | Cartesian | 21.02282 | 1.274E-15 | 10.28151 | No | 21.02282 | 1.274E-15 | 10.28151 |
| 23615 | GLOBAL | Cartesian | 21.02281 | 1.274E-15 | 10.21862 | No | 21.02281 | 1.274E-15 | 10.21862 |
| 23616 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.27191 | No | 20.92272 | 1.286E-15 | 10.27191 |
| 23617 | GLOBAL | Cartesian | 20.92272 | 1.286E-15 | 10.20928 | No | 20.92272 | 1.286E-15 | 10.20928 |
| 23618 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.2623 | No | 20.82255 | 1.298E-15 | 10.2623 |
| 23619 | GLOBAL | Cartesian | 20.82255 | 1.298E-15 | 10.19994 | No | 20.82255 | 1.298E-15 | 10.19994 |
| 23620 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.25269 | No | 20.72238 | 1.31E-15 | 10.25269 |
| 23621 | GLOBAL | Cartesian | 20.72238 | 1.31E-15 | 10.1906 | No | 20.72238 | 1.31E-15 | 10.1906 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|---------|----------|----------|-----------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23622 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.98565 | No | 18.02282 | 1.641E-15 | 9.98565 |
| 23623 | GLOBAL | Cartesian | 18.02282 | 1.641E-15 | 9.92265 | No | 18.02282 | 1.641E-15 | 9.92265 |
| 23624 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.97604 | No | 17.92272 | 1.653E-15 | 9.97604 |
| 23625 | GLOBAL | Cartesian | 17.92272 | 1.653E-15 | 9.9133 | No | 17.92272 | 1.653E-15 | 9.9133 |
| 23626 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.96644 | No | 17.82272 | 1.665E-15 | 9.96644 |
| 23627 | GLOBAL | Cartesian | 17.82272 | 1.665E-15 | 9.90396 | No | 17.82272 | 1.665E-15 | 9.90396 |
| 23628 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.95684 | No | 17.72272 | 1.678E-15 | 9.95684 |
| 23629 | GLOBAL | Cartesian | 17.72272 | 1.678E-15 | 9.89461 | No | 17.72272 | 1.678E-15 | 9.89461 |
| 23630 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.68834 | No | 15.02282 | 2.008E-15 | 9.68834 |
| 23631 | GLOBAL | Cartesian | 15.02282 | 2.008E-15 | 9.62376 | No | 15.02282 | 2.008E-15 | 9.62376 |
| 23632 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.67876 | No | 14.92272 | 2.021E-15 | 9.67876 |
| 23633 | GLOBAL | Cartesian | 14.92272 | 2.021E-15 | 9.61448 | No | 14.92272 | 2.021E-15 | 9.61448 |
| 23634 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.66082 | No | 14.73522 | 2.044E-15 | 9.66082 |
| 23635 | GLOBAL | Cartesian | 14.73522 | 2.044E-15 | 9.59709 | No | 14.73522 | 2.044E-15 | 9.59709 |
| 23636 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.64289 | No | 14.54772 | 2.067E-15 | 9.64289 |
| 23637 | GLOBAL | Cartesian | 14.54772 | 2.067E-15 | 9.5797 | No | 14.54772 | 2.067E-15 | 9.5797 |
| 23638 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.62495 | No | 14.36022 | 2.089E-15 | 9.62495 |
| 23639 | GLOBAL | Cartesian | 14.36022 | 2.089E-15 | 9.56231 | No | 14.36022 | 2.089E-15 | 9.56231 |
| 23640 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.60701 | No | 14.17272 | 2.112E-15 | 9.60701 |
| 23641 | GLOBAL | Cartesian | 14.17272 | 2.112E-15 | 9.54492 | No | 14.17272 | 2.112E-15 | 9.54492 |
| 23642 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.58908 | No | 13.98522 | 2.135E-15 | 9.58908 |
| 23643 | GLOBAL | Cartesian | 13.98522 | 2.135E-15 | 9.52753 | No | 13.98522 | 2.135E-15 | 9.52753 |
| 23644 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.57114 | No | 13.79772 | 2.158E-15 | 9.57114 |
| 23645 | GLOBAL | Cartesian | 13.79772 | 2.158E-15 | 9.51014 | No | 13.79772 | 2.158E-15 | 9.51014 |
| 23646 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.5532 | No | 13.61022 | 2.181E-15 | 9.5532 |
| 23647 | GLOBAL | Cartesian | 13.61022 | 2.181E-15 | 9.49275 | No | 13.61022 | 2.181E-15 | 9.49275 |
| 23648 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.53527 | No | 13.42272 | 2.204E-15 | 9.53527 |
| 23649 | GLOBAL | Cartesian | 13.42272 | 2.204E-15 | 9.47536 | No | 13.42272 | 2.204E-15 | 9.47536 |
| 23650 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.51733 | No | 13.23522 | 2.227E-15 | 9.51733 |
| 23651 | GLOBAL | Cartesian | 13.23522 | 2.227E-15 | 9.45798 | No | 13.23522 | 2.227E-15 | 9.45798 |
| 23652 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.49939 | No | 13.04772 | 2.25E-15 | 9.49939 |
| 23653 | GLOBAL | Cartesian | 13.04772 | 2.25E-15 | 9.44059 | No | 13.04772 | 2.25E-15 | 9.44059 |
| 23654 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.48146 | No | 12.86022 | 2.273E-15 | 9.48146 |
| 23655 | GLOBAL | Cartesian | 12.86022 | 2.273E-15 | 9.4232 | No | 12.86022 | 2.273E-15 | 9.4232 |
| 23656 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.46352 | No | 12.67272 | 2.296E-15 | 9.46352 |
| 23657 | GLOBAL | Cartesian | 12.67272 | 2.296E-15 | 9.40581 | No | 12.67272 | 2.296E-15 | 9.40581 |
| 23658 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.44558 | No | 12.48522 | 2.319E-15 | 9.44558 |
| 23659 | GLOBAL | Cartesian | 12.48522 | 2.319E-15 | 9.38842 | No | 12.48522 | 2.319E-15 | 9.38842 |
| 23660 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.42765 | No | 12.29772 | 2.342E-15 | 9.42765 |
| 23661 | GLOBAL | Cartesian | 12.29772 | 2.342E-15 | 9.37103 | No | 12.29772 | 2.342E-15 | 9.37103 |
| 23662 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.40971 | No | 12.11022 | 2.365E-15 | 9.40971 |
| 23663 | GLOBAL | Cartesian | 12.11022 | 2.365E-15 | 9.35364 | No | 12.11022 | 2.365E-15 | 9.35364 |
| 23664 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.39177 | No | 11.92272 | 2.388E-15 | 9.39177 |
| 23665 | GLOBAL | Cartesian | 11.92272 | 2.388E-15 | 9.33625 | No | 11.92272 | 2.388E-15 | 9.33625 |
| 23666 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.37384 | No | 11.73522 | 2.411E-15 | 9.37384 |
| 23667 | GLOBAL | Cartesian | 11.73522 | 2.411E-15 | 9.31886 | No | 11.73522 | 2.411E-15 | 9.31886 |
| 23668 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.3559 | No | 11.54772 | 2.434E-15 | 9.3559 |
| 23669 | GLOBAL | Cartesian | 11.54772 | 2.434E-15 | 9.30147 | No | 11.54772 | 2.434E-15 | 9.30147 |
| 23670 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.33796 | No | 11.36022 | 2.457E-15 | 9.33796 |
| 23671 | GLOBAL | Cartesian | 11.36022 | 2.457E-15 | 9.28408 | No | 11.36022 | 2.457E-15 | 9.28408 |
| 23672 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.32003 | No | 11.17272 | 2.48E-15 | 9.32003 |
| 23673 | GLOBAL | Cartesian | 11.17272 | 2.48E-15 | 9.26669 | No | 11.17272 | 2.48E-15 | 9.26669 |
| 23674 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.30209 | No | 10.98522 | 2.503E-15 | 9.30209 |
| 23675 | GLOBAL | Cartesian | 10.98522 | 2.503E-15 | 9.2493 | No | 10.98522 | 2.503E-15 | 9.2493 |
| 23676 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.28415 | No | 10.79772 | 2.526E-15 | 9.28415 |
| 23677 | GLOBAL | Cartesian | 10.79772 | 2.526E-15 | 9.23191 | No | 10.79772 | 2.526E-15 | 9.23191 |
| 23678 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.26622 | No | 10.61022 | 2.549E-15 | 9.26622 |
| 23679 | GLOBAL | Cartesian | 10.61022 | 2.549E-15 | 9.21452 | No | 10.61022 | 2.549E-15 | 9.21452 |
| 23680 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.24828 | No | 10.42272 | 2.572E-15 | 9.24828 |
| 23681 | GLOBAL | Cartesian | 10.42272 | 2.572E-15 | 9.19713 | No | 10.42272 | 2.572E-15 | 9.19713 |
| 23682 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.23034 | No | 10.23522 | 2.595E-15 | 9.23034 |
| 23683 | GLOBAL | Cartesian | 10.23522 | 2.595E-15 | 9.17975 | No | 10.23522 | 2.595E-15 | 9.17975 |
| 23684 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.2124 | No | 10.04772 | 2.618E-15 | 9.2124 |
| 23685 | GLOBAL | Cartesian | 10.04772 | 2.618E-15 | 9.16236 | No | 10.04772 | 2.618E-15 | 9.16236 |
| 23686 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.19447 | No | 9.86022 | 2.641E-15 | 9.19447 |
| 23687 | GLOBAL | Cartesian | 9.86022 | 2.641E-15 | 9.14497 | No | 9.86022 | 2.641E-15 | 9.14497 |
| 23688 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.17653 | No | 9.67272 | 2.664E-15 | 9.17653 |
| 23689 | GLOBAL | Cartesian | 9.67272 | 2.664E-15 | 9.12758 | No | 9.67272 | 2.664E-15 | 9.12758 |
| 23690 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.15859 | No | 9.48522 | 2.686E-15 | 9.15859 |
| 23691 | GLOBAL | Cartesian | 9.48522 | 2.686E-15 | 9.11019 | No | 9.48522 | 2.686E-15 | 9.11019 |
| 23692 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.14066 | No | 9.29772 | 2.709E-15 | 9.14066 |
| 23693 | GLOBAL | Cartesian | 9.29772 | 2.709E-15 | 9.0928 | No | 9.29772 | 2.709E-15 | 9.0928 |
| 23694 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.12272 | No | 9.11022 | 2.732E-15 | 9.12272 |
| 23695 | GLOBAL | Cartesian | 9.11022 | 2.732E-15 | 9.07541 | No | 9.11022 | 2.732E-15 | 9.07541 |
| 23696 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.10478 | No | 8.92272 | 2.755E-15 | 9.10478 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23697 | GLOBAL | Cartesian | 8.92272 | 2.755E-15 | 9.05802 | No | 8.92272 | 2.755E-15 | 9.05802 |
| 23698 | GLOBAL | Cartesian | 18.40143 | 1.595E-15 | 10.18647 | No | 18.40143 | 1.595E-15 | 10.18647 |
| 23699 | GLOBAL | Cartesian | 18.38799 | 1.596E-15 | 10.08465 | No | 18.38799 | 1.596E-15 | 10.08465 |
| 23700 | GLOBAL | Cartesian | 18.40143 | 1.595E-15 | 10.28695 | No | 18.40143 | 1.595E-15 | 10.28695 |
| 23701 | GLOBAL | Cartesian | 30.17547 | 1.527E-16 | 11.24669 | No | 30.17547 | 1.527E-16 | 11.24669 |
| 23702 | GLOBAL | Cartesian | 30.18323 | 1.518E-16 | 11.11591 | No | 30.18323 | 1.518E-16 | 11.11591 |
| 23703 | GLOBAL | Cartesian | 30.16915 | 1.535E-16 | 11.34655 | No | 30.16915 | 1.535E-16 | 11.34655 |
| 23704 | GLOBAL | Cartesian | 30.16915 | 1.535E-16 | 11.44704 | No | 30.16915 | 1.535E-16 | 11.44704 |
| 23705 | GLOBAL | Cartesian | 31.23701 | -0.1 | 11.55231 | No | 31.23701 | -0.1 | 11.55231 |
| 23706 | GLOBAL | Cartesian | 31.23701 | -0.2 | 11.55231 | No | 31.23701 | -0.2 | 11.55231 |
| 23707 | GLOBAL | Cartesian | 31.05129 | -0.1 | 11.534 | No | 31.05129 | -0.1 | 11.534 |
| 23708 | GLOBAL | Cartesian | 31.05129 | -0.2 | 11.534 | No | 31.05129 | -0.2 | 11.534 |
| 23709 | GLOBAL | Cartesian | 30.86558 | -0.1 | 11.51569 | No | 30.86558 | -0.1 | 11.51569 |
| 23710 | GLOBAL | Cartesian | 30.86558 | -0.2 | 11.51569 | No | 30.86558 | -0.2 | 11.51569 |
| 23711 | GLOBAL | Cartesian | 30.67986 | -0.1 | 11.49738 | No | 30.67986 | -0.1 | 11.49738 |
| 23712 | GLOBAL | Cartesian | 30.67986 | -0.2 | 11.49738 | No | 30.67986 | -0.2 | 11.49738 |
| 23713 | GLOBAL | Cartesian | 30.49415 | -0.1 | 11.47908 | No | 30.49415 | -0.1 | 11.47908 |
| 23714 | GLOBAL | Cartesian | 30.49415 | -0.2 | 11.47908 | No | 30.49415 | -0.2 | 11.47908 |
| 23715 | GLOBAL | Cartesian | 30.30844 | -0.1 | 11.46077 | No | 30.30844 | -0.1 | 11.46077 |
| 23716 | GLOBAL | Cartesian | 30.30844 | -0.2 | 11.46077 | No | 30.30844 | -0.2 | 11.46077 |
| 23717 | GLOBAL | Cartesian | 30.21558 | -0.1 | 11.45161 | No | 30.21558 | -0.1 | 11.45161 |
| 23718 | GLOBAL | Cartesian | 30.21558 | -0.2 | 11.45161 | No | 30.21558 | -0.2 | 11.45161 |
| 23719 | GLOBAL | Cartesian | 30.16915 | -0.1 | 11.44704 | No | 30.16915 | -0.1 | 11.44704 |
| 23720 | GLOBAL | Cartesian | 30.16915 | -0.2 | 11.44704 | No | 30.16915 | -0.2 | 11.44704 |
| 23721 | GLOBAL | Cartesian | 30.12272 | -0.1 | 11.44246 | No | 30.12272 | -0.1 | 11.44246 |
| 23722 | GLOBAL | Cartesian | 30.12272 | -0.2 | 11.44246 | No | 30.12272 | -0.2 | 11.44246 |
| 23723 | GLOBAL | Cartesian | 30.02272 | -0.1 | 11.4326 | No | 30.02272 | -0.1 | 11.4326 |
| 23724 | GLOBAL | Cartesian | 30.02272 | -0.2 | 11.4326 | No | 30.02272 | -0.2 | 11.4326 |
| 23725 | GLOBAL | Cartesian | 29.92272 | -0.1 | 11.42274 | No | 29.92272 | -0.1 | 11.42274 |
| 23726 | GLOBAL | Cartesian | 29.92272 | -0.2 | 11.42274 | No | 29.92272 | -0.2 | 11.42274 |
| 23727 | GLOBAL | Cartesian | 29.82272 | -0.1 | 11.41288 | No | 29.82272 | -0.1 | 11.41288 |
| 23728 | GLOBAL | Cartesian | 29.82272 | -0.2 | 11.41288 | No | 29.82272 | -0.2 | 11.41288 |
| 23729 | GLOBAL | Cartesian | 29.72272 | -0.1 | 11.40303 | No | 29.72272 | -0.1 | 11.40303 |
| 23730 | GLOBAL | Cartesian | 29.72272 | -0.2 | 11.40303 | No | 29.72272 | -0.2 | 11.40303 |
| 23731 | GLOBAL | Cartesian | 29.53701 | -0.1 | 11.38472 | No | 29.53701 | -0.1 | 11.38472 |
| 23732 | GLOBAL | Cartesian | 29.53701 | -0.2 | 11.38472 | No | 29.53701 | -0.2 | 11.38472 |
| 23733 | GLOBAL | Cartesian | 29.35129 | -0.1 | 11.36641 | No | 29.35129 | -0.1 | 11.36641 |
| 23734 | GLOBAL | Cartesian | 29.35129 | -0.2 | 11.36641 | No | 29.35129 | -0.2 | 11.36641 |
| 23735 | GLOBAL | Cartesian | 29.16558 | -0.1 | 11.3481 | No | 29.16558 | -0.1 | 11.3481 |
| 23736 | GLOBAL | Cartesian | 29.16558 | -0.2 | 11.3481 | No | 29.16558 | -0.2 | 11.3481 |
| 23737 | GLOBAL | Cartesian | 28.97986 | -0.1 | 11.32979 | No | 28.97986 | -0.1 | 11.32979 |
| 23738 | GLOBAL | Cartesian | 28.97986 | -0.2 | 11.32979 | No | 28.97986 | -0.2 | 11.32979 |
| 23739 | GLOBAL | Cartesian | 28.79415 | -0.1 | 11.31149 | No | 28.79415 | -0.1 | 11.31149 |
| 23740 | GLOBAL | Cartesian | 28.79415 | -0.2 | 11.31149 | No | 28.79415 | -0.2 | 11.31149 |
| 23741 | GLOBAL | Cartesian | 28.60844 | -0.1 | 11.29318 | No | 28.60844 | -0.1 | 11.29318 |
| 23742 | GLOBAL | Cartesian | 28.60844 | -0.2 | 11.29318 | No | 28.60844 | -0.2 | 11.29318 |
| 23743 | GLOBAL | Cartesian | 28.42272 | -0.1 | 11.27487 | No | 28.42272 | -0.1 | 11.27487 |
| 23744 | GLOBAL | Cartesian | 28.42272 | -0.2 | 11.27487 | No | 28.42272 | -0.2 | 11.27487 |
| 23745 | GLOBAL | Cartesian | 28.23701 | -0.1 | 11.25656 | No | 28.23701 | -0.1 | 11.25656 |
| 23746 | GLOBAL | Cartesian | 28.23701 | -0.2 | 11.25656 | No | 28.23701 | -0.2 | 11.25656 |
| 23747 | GLOBAL | Cartesian | 28.05129 | -0.1 | 11.23825 | No | 28.05129 | -0.1 | 11.23825 |
| 23748 | GLOBAL | Cartesian | 28.05129 | -0.2 | 11.23825 | No | 28.05129 | -0.2 | 11.23825 |
| 23749 | GLOBAL | Cartesian | 27.86558 | -0.1 | 11.21995 | No | 27.86558 | -0.1 | 11.21995 |
| 23750 | GLOBAL | Cartesian | 27.86558 | -0.2 | 11.21995 | No | 27.86558 | -0.2 | 11.21995 |
| 23751 | GLOBAL | Cartesian | 27.67986 | -0.1 | 11.20164 | No | 27.67986 | -0.1 | 11.20164 |
| 23752 | GLOBAL | Cartesian | 27.67986 | -0.2 | 11.20164 | No | 27.67986 | -0.2 | 11.20164 |
| 23753 | GLOBAL | Cartesian | 27.49415 | -0.1 | 11.18333 | No | 27.49415 | -0.1 | 11.18333 |
| 23754 | GLOBAL | Cartesian | 27.49415 | -0.2 | 11.18333 | No | 27.49415 | -0.2 | 11.18333 |
| 23755 | GLOBAL | Cartesian | 27.30844 | -0.1 | 11.16502 | No | 27.30844 | -0.1 | 11.16502 |
| 23756 | GLOBAL | Cartesian | 27.30844 | -0.2 | 11.16502 | No | 27.30844 | -0.2 | 11.16502 |
| 23757 | GLOBAL | Cartesian | 27.21558 | -0.1 | 11.15587 | No | 27.21558 | -0.1 | 11.15587 |
| 23758 | GLOBAL | Cartesian | 27.21558 | -0.2 | 11.15587 | No | 27.21558 | -0.2 | 11.15587 |
| 23759 | GLOBAL | Cartesian | 27.12272 | -0.1 | 11.14671 | No | 27.12272 | -0.1 | 11.14671 |
| 23760 | GLOBAL | Cartesian | 27.12272 | -0.2 | 11.14671 | No | 27.12272 | -0.2 | 11.14671 |
| 23761 | GLOBAL | Cartesian | 27.02272 | -0.1 | 11.13685 | No | 27.02272 | -0.1 | 11.13685 |
| 23762 | GLOBAL | Cartesian | 27.02272 | -0.2 | 11.13685 | No | 27.02272 | -0.2 | 11.13685 |
| 23763 | GLOBAL | Cartesian | 26.92272 | -0.1 | 11.127 | No | 26.92272 | -0.1 | 11.127 |
| 23764 | GLOBAL | Cartesian | 26.92272 | -0.2 | 11.127 | No | 26.92272 | -0.2 | 11.127 |
| 23765 | GLOBAL | Cartesian | 26.82272 | -0.1 | 11.11714 | No | 26.82272 | -0.1 | 11.11714 |
| 23766 | GLOBAL | Cartesian | 26.82272 | -0.2 | 11.11714 | No | 26.82272 | -0.2 | 11.11714 |
| 23767 | GLOBAL | Cartesian | 26.72272 | -0.1 | 11.10728 | No | 26.72272 | -0.1 | 11.10728 |
| 23768 | GLOBAL | Cartesian | 26.72272 | -0.2 | 11.10728 | No | 26.72272 | -0.2 | 11.10728 |
| 23769 | GLOBAL | Cartesian | 26.53701 | -0.1 | 11.08897 | No | 26.53701 | -0.1 | 11.08897 |
| 23770 | GLOBAL | Cartesian | 26.53701 | -0.2 | 11.08897 | No | 26.53701 | -0.2 | 11.08897 |
| 23771 | GLOBAL | Cartesian | 26.35129 | -0.1 | 11.07066 | No | 26.35129 | -0.1 | 11.07066 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23772 | GLOBAL | Cartesian | 26.35129 | -0.2 | 11.07066 | No | 26.35129 | -0.2 | 11.07066 |
| 23773 | GLOBAL | Cartesian | 26.16558 | -0.1 | 11.05236 | No | 26.16558 | -0.1 | 11.05236 |
| 23774 | GLOBAL | Cartesian | 26.16558 | -0.2 | 11.05236 | No | 26.16558 | -0.2 | 11.05236 |
| 23775 | GLOBAL | Cartesian | 25.97986 | -0.1 | 11.03405 | No | 25.97986 | -0.1 | 11.03405 |
| 23776 | GLOBAL | Cartesian | 25.97986 | -0.2 | 11.03405 | No | 25.97986 | -0.2 | 11.03405 |
| 23777 | GLOBAL | Cartesian | 25.79415 | -0.1 | 11.01574 | No | 25.79415 | -0.1 | 11.01574 |
| 23778 | GLOBAL | Cartesian | 25.79415 | -0.2 | 11.01574 | No | 25.79415 | -0.2 | 11.01574 |
| 23779 | GLOBAL | Cartesian | 25.60844 | -0.1 | 10.99743 | No | 25.60844 | -0.1 | 10.99743 |
| 23780 | GLOBAL | Cartesian | 25.60844 | -0.2 | 10.99743 | No | 25.60844 | -0.2 | 10.99743 |
| 23781 | GLOBAL | Cartesian | 25.42272 | -0.1 | 10.97912 | No | 25.42272 | -0.1 | 10.97912 |
| 23782 | GLOBAL | Cartesian | 25.42272 | -0.2 | 10.97912 | No | 25.42272 | -0.2 | 10.97912 |
| 23783 | GLOBAL | Cartesian | 25.23701 | -0.1 | 10.96082 | No | 25.23701 | -0.1 | 10.96082 |
| 23784 | GLOBAL | Cartesian | 25.23701 | -0.2 | 10.96082 | No | 25.23701 | -0.2 | 10.96082 |
| 23785 | GLOBAL | Cartesian | 25.05129 | -0.1 | 10.94251 | No | 25.05129 | -0.1 | 10.94251 |
| 23786 | GLOBAL | Cartesian | 25.05129 | -0.2 | 10.94251 | No | 25.05129 | -0.2 | 10.94251 |
| 23787 | GLOBAL | Cartesian | 24.86558 | -0.1 | 10.9242 | No | 24.86558 | -0.1 | 10.9242 |
| 23788 | GLOBAL | Cartesian | 24.86558 | -0.2 | 10.9242 | No | 24.86558 | -0.2 | 10.9242 |
| 23789 | GLOBAL | Cartesian | 24.67986 | -0.1 | 10.90589 | No | 24.67986 | -0.1 | 10.90589 |
| 23790 | GLOBAL | Cartesian | 24.67986 | -0.2 | 10.90589 | No | 24.67986 | -0.2 | 10.90589 |
| 23791 | GLOBAL | Cartesian | 24.49415 | -0.1 | 10.88758 | No | 24.49415 | -0.1 | 10.88758 |
| 23792 | GLOBAL | Cartesian | 24.49415 | -0.2 | 10.88758 | No | 24.49415 | -0.2 | 10.88758 |
| 23793 | GLOBAL | Cartesian | 24.30844 | -0.1 | 10.86927 | No | 24.30844 | -0.1 | 10.86927 |
| 23794 | GLOBAL | Cartesian | 24.30844 | -0.2 | 10.86927 | No | 24.30844 | -0.2 | 10.86927 |
| 23795 | GLOBAL | Cartesian | 24.21558 | -0.1 | 10.86012 | No | 24.21558 | -0.1 | 10.86012 |
| 23796 | GLOBAL | Cartesian | 24.21558 | -0.2 | 10.86012 | No | 24.21558 | -0.2 | 10.86012 |
| 23797 | GLOBAL | Cartesian | 24.12272 | -0.1 | 10.85097 | No | 24.12272 | -0.1 | 10.85097 |
| 23798 | GLOBAL | Cartesian | 24.12272 | -0.2 | 10.85097 | No | 24.12272 | -0.2 | 10.85097 |
| 23799 | GLOBAL | Cartesian | 24.02272 | -0.1 | 10.84111 | No | 24.02272 | -0.1 | 10.84111 |
| 23800 | GLOBAL | Cartesian | 24.02272 | -0.2 | 10.84111 | No | 24.02272 | -0.2 | 10.84111 |
| 23801 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.83125 | No | 23.92272 | -0.1 | 10.83125 |
| 23802 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.83125 | No | 23.92272 | -0.2 | 10.83125 |
| 23803 | GLOBAL | Cartesian | 23.82217 | -0.1 | 10.82134 | No | 23.82217 | -0.1 | 10.82134 |
| 23804 | GLOBAL | Cartesian | 23.82217 | -0.2 | 10.82134 | No | 23.82217 | -0.2 | 10.82134 |
| 23805 | GLOBAL | Cartesian | 23.72163 | -0.1 | 10.81143 | No | 23.72163 | -0.1 | 10.81143 |
| 23806 | GLOBAL | Cartesian | 23.72163 | -0.2 | 10.81143 | No | 23.72163 | -0.2 | 10.81143 |
| 23807 | GLOBAL | Cartesian | 23.53601 | -0.1 | 10.79313 | No | 23.53601 | -0.1 | 10.79313 |
| 23808 | GLOBAL | Cartesian | 23.53601 | -0.2 | 10.79313 | No | 23.53601 | -0.2 | 10.79313 |
| 23809 | GLOBAL | Cartesian | 23.35038 | -0.1 | 10.77483 | No | 23.35038 | -0.1 | 10.77483 |
| 23810 | GLOBAL | Cartesian | 23.35038 | -0.2 | 10.77483 | No | 23.35038 | -0.2 | 10.77483 |
| 23811 | GLOBAL | Cartesian | 23.16476 | -0.1 | 10.75653 | No | 23.16476 | -0.1 | 10.75653 |
| 23812 | GLOBAL | Cartesian | 23.16476 | -0.2 | 10.75653 | No | 23.16476 | -0.2 | 10.75653 |
| 23813 | GLOBAL | Cartesian | 22.97914 | -0.1 | 10.73823 | No | 22.97914 | -0.1 | 10.73823 |
| 23814 | GLOBAL | Cartesian | 22.97914 | -0.2 | 10.73823 | No | 22.97914 | -0.2 | 10.73823 |
| 23815 | GLOBAL | Cartesian | 22.79352 | -0.1 | 10.71993 | No | 22.79352 | -0.1 | 10.71993 |
| 23816 | GLOBAL | Cartesian | 22.79352 | -0.2 | 10.71993 | No | 22.79352 | -0.2 | 10.71993 |
| 23817 | GLOBAL | Cartesian | 22.6079 | -0.1 | 10.70163 | No | 22.6079 | -0.1 | 10.70163 |
| 23818 | GLOBAL | Cartesian | 22.6079 | -0.2 | 10.70163 | No | 22.6079 | -0.2 | 10.70163 |
| 23819 | GLOBAL | Cartesian | 22.42228 | -0.1 | 10.68333 | No | 22.42228 | -0.1 | 10.68333 |
| 23820 | GLOBAL | Cartesian | 22.42228 | -0.2 | 10.68333 | No | 22.42228 | -0.2 | 10.68333 |
| 23821 | GLOBAL | Cartesian | 22.23666 | -0.1 | 10.66503 | No | 22.23666 | -0.1 | 10.66503 |
| 23822 | GLOBAL | Cartesian | 22.23666 | -0.2 | 10.66503 | No | 22.23666 | -0.2 | 10.66503 |
| 23823 | GLOBAL | Cartesian | 22.05103 | -0.1 | 10.64674 | No | 22.05103 | -0.1 | 10.64674 |
| 23824 | GLOBAL | Cartesian | 22.05103 | -0.2 | 10.64674 | No | 22.05103 | -0.2 | 10.64674 |
| 23825 | GLOBAL | Cartesian | 21.86541 | -0.1 | 10.62844 | No | 21.86541 | -0.1 | 10.62844 |
| 23826 | GLOBAL | Cartesian | 21.86541 | -0.2 | 10.62844 | No | 21.86541 | -0.2 | 10.62844 |
| 23827 | GLOBAL | Cartesian | 21.67979 | -0.1 | 10.61014 | No | 21.67979 | -0.1 | 10.61014 |
| 23828 | GLOBAL | Cartesian | 21.67979 | -0.2 | 10.61014 | No | 21.67979 | -0.2 | 10.61014 |
| 23829 | GLOBAL | Cartesian | 21.49417 | -0.1 | 10.59184 | No | 21.49417 | -0.1 | 10.59184 |
| 23830 | GLOBAL | Cartesian | 21.49417 | -0.2 | 10.59184 | No | 21.49417 | -0.2 | 10.59184 |
| 23831 | GLOBAL | Cartesian | 21.30855 | -0.1 | 10.57354 | No | 21.30855 | -0.1 | 10.57354 |
| 23832 | GLOBAL | Cartesian | 21.30855 | -0.2 | 10.57354 | No | 21.30855 | -0.2 | 10.57354 |
| 23833 | GLOBAL | Cartesian | 21.12293 | -0.1 | 10.55524 | No | 21.12293 | -0.1 | 10.55524 |
| 23834 | GLOBAL | Cartesian | 21.12293 | -0.2 | 10.55524 | No | 21.12293 | -0.2 | 10.55524 |
| 23835 | GLOBAL | Cartesian | 21.02282 | -0.1 | 10.54537 | No | 21.02282 | -0.1 | 10.54537 |
| 23836 | GLOBAL | Cartesian | 21.02282 | -0.2 | 10.54537 | No | 21.02282 | -0.2 | 10.54537 |
| 23837 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.5355 | No | 20.92272 | -0.1 | 10.5355 |
| 23838 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.5355 | No | 20.92272 | -0.2 | 10.5355 |
| 23839 | GLOBAL | Cartesian | 20.82255 | -0.1 | 10.52563 | No | 20.82255 | -0.1 | 10.52563 |
| 23840 | GLOBAL | Cartesian | 20.82255 | -0.2 | 10.52563 | No | 20.82255 | -0.2 | 10.52563 |
| 23841 | GLOBAL | Cartesian | 20.72238 | -0.1 | 10.51575 | No | 20.72238 | -0.1 | 10.51575 |
| 23842 | GLOBAL | Cartesian | 20.72238 | -0.2 | 10.51575 | No | 20.72238 | -0.2 | 10.51575 |
| 23843 | GLOBAL | Cartesian | 20.53671 | -0.1 | 10.49745 | No | 20.53671 | -0.1 | 10.49745 |
| 23844 | GLOBAL | Cartesian | 20.53671 | -0.2 | 10.49745 | No | 20.53671 | -0.2 | 10.49745 |
| 23845 | GLOBAL | Cartesian | 20.35103 | -0.1 | 10.47915 | No | 20.35103 | -0.1 | 10.47915 |
| 23846 | GLOBAL | Cartesian | 20.35103 | -0.2 | 10.47915 | No | 20.35103 | -0.2 | 10.47915 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23847 | GLOBAL | Cartesian | 20.16536 | -0.1 | 10.46084 | No | 20.16536 | -0.1 | 10.46084 |
| 23848 | GLOBAL | Cartesian | 20.16536 | -0.2 | 10.46084 | No | 20.16536 | -0.2 | 10.46084 |
| 23849 | GLOBAL | Cartesian | 19.97968 | -0.1 | 10.44254 | No | 19.97968 | -0.1 | 10.44254 |
| 23850 | GLOBAL | Cartesian | 19.97968 | -0.2 | 10.44254 | No | 19.97968 | -0.2 | 10.44254 |
| 23851 | GLOBAL | Cartesian | 19.794 | -0.1 | 10.42423 | No | 19.794 | -0.1 | 10.42423 |
| 23852 | GLOBAL | Cartesian | 19.794 | -0.2 | 10.42423 | No | 19.794 | -0.2 | 10.42423 |
| 23853 | GLOBAL | Cartesian | 19.60833 | -0.1 | 10.40593 | No | 19.60833 | -0.1 | 10.40593 |
| 23854 | GLOBAL | Cartesian | 19.60833 | -0.2 | 10.40593 | No | 19.60833 | -0.2 | 10.40593 |
| 23855 | GLOBAL | Cartesian | 19.42265 | -0.1 | 10.38762 | No | 19.42265 | -0.1 | 10.38762 |
| 23856 | GLOBAL | Cartesian | 19.42265 | -0.2 | 10.38762 | No | 19.42265 | -0.2 | 10.38762 |
| 23857 | GLOBAL | Cartesian | 19.23698 | -0.1 | 10.36932 | No | 19.23698 | -0.1 | 10.36932 |
| 23858 | GLOBAL | Cartesian | 19.23698 | -0.2 | 10.36932 | No | 19.23698 | -0.2 | 10.36932 |
| 23859 | GLOBAL | Cartesian | 19.0513 | -0.1 | 10.35102 | No | 19.0513 | -0.1 | 10.35102 |
| 23860 | GLOBAL | Cartesian | 19.0513 | -0.2 | 10.35102 | No | 19.0513 | -0.2 | 10.35102 |
| 23861 | GLOBAL | Cartesian | 18.86562 | -0.1 | 10.33271 | No | 18.86562 | -0.1 | 10.33271 |
| 23862 | GLOBAL | Cartesian | 18.86562 | -0.2 | 10.33271 | No | 18.86562 | -0.2 | 10.33271 |
| 23863 | GLOBAL | Cartesian | 18.67995 | -0.1 | 10.31441 | No | 18.67995 | -0.1 | 10.31441 |
| 23864 | GLOBAL | Cartesian | 18.67995 | -0.2 | 10.31441 | No | 18.67995 | -0.2 | 10.31441 |
| 23865 | GLOBAL | Cartesian | 18.49427 | -0.1 | 10.2961 | No | 18.49427 | -0.1 | 10.2961 |
| 23866 | GLOBAL | Cartesian | 18.49427 | -0.2 | 10.2961 | No | 18.49427 | -0.2 | 10.2961 |
| 23867 | GLOBAL | Cartesian | 18.40143 | -0.1 | 10.28695 | No | 18.40143 | -0.1 | 10.28695 |
| 23868 | GLOBAL | Cartesian | 18.40143 | -0.2 | 10.28695 | No | 18.40143 | -0.2 | 10.28695 |
| 23869 | GLOBAL | Cartesian | 18.3086 | -0.1 | 10.2778 | No | 18.3086 | -0.1 | 10.2778 |
| 23870 | GLOBAL | Cartesian | 18.3086 | -0.2 | 10.2778 | No | 18.3086 | -0.2 | 10.2778 |
| 23871 | GLOBAL | Cartesian | 18.12292 | -0.1 | 10.25949 | No | 18.12292 | -0.1 | 10.25949 |
| 23872 | GLOBAL | Cartesian | 18.12292 | -0.2 | 10.25949 | No | 18.12292 | -0.2 | 10.25949 |
| 23873 | GLOBAL | Cartesian | 18.02282 | -0.1 | 10.24963 | No | 18.02282 | -0.1 | 10.24963 |
| 23874 | GLOBAL | Cartesian | 18.02282 | -0.2 | 10.24963 | No | 18.02282 | -0.2 | 10.24963 |
| 23875 | GLOBAL | Cartesian | 17.92272 | -0.1 | 10.23976 | No | 17.92272 | -0.1 | 10.23976 |
| 23876 | GLOBAL | Cartesian | 17.92272 | -0.2 | 10.23976 | No | 17.92272 | -0.2 | 10.23976 |
| 23877 | GLOBAL | Cartesian | 17.82272 | -0.1 | 10.2299 | No | 17.82272 | -0.1 | 10.2299 |
| 23878 | GLOBAL | Cartesian | 17.82272 | -0.2 | 10.2299 | No | 17.82272 | -0.2 | 10.2299 |
| 23879 | GLOBAL | Cartesian | 17.72272 | -0.1 | 10.22004 | No | 17.72272 | -0.1 | 10.22004 |
| 23880 | GLOBAL | Cartesian | 17.72272 | -0.2 | 10.22004 | No | 17.72272 | -0.2 | 10.22004 |
| 23881 | GLOBAL | Cartesian | 17.53702 | -0.1 | 10.20173 | No | 17.53702 | -0.1 | 10.20173 |
| 23882 | GLOBAL | Cartesian | 17.53702 | -0.2 | 10.20173 | No | 17.53702 | -0.2 | 10.20173 |
| 23883 | GLOBAL | Cartesian | 17.35132 | -0.1 | 10.18343 | No | 17.35132 | -0.1 | 10.18343 |
| 23884 | GLOBAL | Cartesian | 17.35132 | -0.2 | 10.18343 | No | 17.35132 | -0.2 | 10.18343 |
| 23885 | GLOBAL | Cartesian | 17.16562 | -0.1 | 10.16512 | No | 17.16562 | -0.1 | 10.16512 |
| 23886 | GLOBAL | Cartesian | 17.16562 | -0.2 | 10.16512 | No | 17.16562 | -0.2 | 10.16512 |
| 23887 | GLOBAL | Cartesian | 16.97992 | -0.1 | 10.14681 | No | 16.97992 | -0.1 | 10.14681 |
| 23888 | GLOBAL | Cartesian | 16.97992 | -0.2 | 10.14681 | No | 16.97992 | -0.2 | 10.14681 |
| 23889 | GLOBAL | Cartesian | 16.79422 | -0.1 | 10.12851 | No | 16.79422 | -0.1 | 10.12851 |
| 23890 | GLOBAL | Cartesian | 16.79422 | -0.2 | 10.12851 | No | 16.79422 | -0.2 | 10.12851 |
| 23891 | GLOBAL | Cartesian | 16.60852 | -0.1 | 10.1102 | No | 16.60852 | -0.1 | 10.1102 |
| 23892 | GLOBAL | Cartesian | 16.60852 | -0.2 | 10.1102 | No | 16.60852 | -0.2 | 10.1102 |
| 23893 | GLOBAL | Cartesian | 16.42282 | -0.1 | 10.09189 | No | 16.42282 | -0.1 | 10.09189 |
| 23894 | GLOBAL | Cartesian | 16.42282 | -0.2 | 10.09189 | No | 16.42282 | -0.2 | 10.09189 |
| 23895 | GLOBAL | Cartesian | 16.23712 | -0.1 | 10.07359 | No | 16.23712 | -0.1 | 10.07359 |
| 23896 | GLOBAL | Cartesian | 16.23712 | -0.2 | 10.07359 | No | 16.23712 | -0.2 | 10.07359 |
| 23897 | GLOBAL | Cartesian | 16.05142 | -0.1 | 10.05528 | No | 16.05142 | -0.1 | 10.05528 |
| 23898 | GLOBAL | Cartesian | 16.05142 | -0.2 | 10.05528 | No | 16.05142 | -0.2 | 10.05528 |
| 23899 | GLOBAL | Cartesian | 15.86572 | -0.1 | 10.03697 | No | 15.86572 | -0.1 | 10.03697 |
| 23900 | GLOBAL | Cartesian | 15.86572 | -0.2 | 10.03697 | No | 15.86572 | -0.2 | 10.03697 |
| 23901 | GLOBAL | Cartesian | 15.68002 | -0.1 | 10.01867 | No | 15.68002 | -0.1 | 10.01867 |
| 23902 | GLOBAL | Cartesian | 15.68002 | -0.2 | 10.01867 | No | 15.68002 | -0.2 | 10.01867 |
| 23903 | GLOBAL | Cartesian | 15.49432 | -0.1 | 10.00036 | No | 15.49432 | -0.1 | 10.00036 |
| 23904 | GLOBAL | Cartesian | 15.49432 | -0.2 | 10.00036 | No | 15.49432 | -0.2 | 10.00036 |
| 23905 | GLOBAL | Cartesian | 15.30862 | -0.1 | 9.98205 | No | 15.30862 | -0.1 | 9.98205 |
| 23906 | GLOBAL | Cartesian | 15.30862 | -0.2 | 9.98205 | No | 15.30862 | -0.2 | 9.98205 |
| 23907 | GLOBAL | Cartesian | 15.12292 | -0.1 | 9.96375 | No | 15.12292 | -0.1 | 9.96375 |
| 23908 | GLOBAL | Cartesian | 15.12292 | -0.2 | 9.96375 | No | 15.12292 | -0.2 | 9.96375 |
| 23909 | GLOBAL | Cartesian | 15.02282 | -0.1 | 9.95388 | No | 15.02282 | -0.1 | 9.95388 |
| 23910 | GLOBAL | Cartesian | 15.02282 | -0.2 | 9.95388 | No | 15.02282 | -0.2 | 9.95388 |
| 23911 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.94401 | No | 14.92272 | -0.1 | 9.94401 |
| 23912 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.94401 | No | 14.92272 | -0.2 | 9.94401 |
| 23913 | GLOBAL | Cartesian | 14.73522 | -0.1 | 9.92553 | No | 14.73522 | -0.1 | 9.92553 |
| 23914 | GLOBAL | Cartesian | 14.73522 | -0.2 | 9.92553 | No | 14.73522 | -0.2 | 9.92553 |
| 23915 | GLOBAL | Cartesian | 14.54772 | -0.1 | 9.90704 | No | 14.54772 | -0.1 | 9.90704 |
| 23916 | GLOBAL | Cartesian | 14.54772 | -0.2 | 9.90704 | No | 14.54772 | -0.2 | 9.90704 |
| 23917 | GLOBAL | Cartesian | 14.36022 | -0.1 | 9.88856 | No | 14.36022 | -0.1 | 9.88856 |
| 23918 | GLOBAL | Cartesian | 14.36022 | -0.2 | 9.88856 | No | 14.36022 | -0.2 | 9.88856 |
| 23919 | GLOBAL | Cartesian | 14.17272 | -0.1 | 9.87007 | No | 14.17272 | -0.1 | 9.87007 |
| 23920 | GLOBAL | Cartesian | 14.17272 | -0.2 | 9.87007 | No | 14.17272 | -0.2 | 9.87007 |
| 23921 | GLOBAL | Cartesian | 13.98522 | -0.1 | 9.85159 | No | 13.98522 | -0.1 | 9.85159 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23922 | GLOBAL | Cartesian | 13.98522 | -0.2 | 9.85159 | No | 13.98522 | -0.2 | 9.85159 |
| 23923 | GLOBAL | Cartesian | 13.79772 | -0.1 | 9.83311 | No | 13.79772 | -0.1 | 9.83311 |
| 23924 | GLOBAL | Cartesian | 13.79772 | -0.2 | 9.83311 | No | 13.79772 | -0.2 | 9.83311 |
| 23925 | GLOBAL | Cartesian | 13.61022 | -0.1 | 9.81462 | No | 13.61022 | -0.1 | 9.81462 |
| 23926 | GLOBAL | Cartesian | 13.61022 | -0.2 | 9.81462 | No | 13.61022 | -0.2 | 9.81462 |
| 23927 | GLOBAL | Cartesian | 13.42272 | -0.1 | 9.79614 | No | 13.42272 | -0.1 | 9.79614 |
| 23928 | GLOBAL | Cartesian | 13.42272 | -0.2 | 9.79614 | No | 13.42272 | -0.2 | 9.79614 |
| 23929 | GLOBAL | Cartesian | 13.23522 | -0.1 | 9.77765 | No | 13.23522 | -0.1 | 9.77765 |
| 23930 | GLOBAL | Cartesian | 13.23522 | -0.2 | 9.77765 | No | 13.23522 | -0.2 | 9.77765 |
| 23931 | GLOBAL | Cartesian | 13.04772 | -0.1 | 9.75917 | No | 13.04772 | -0.1 | 9.75917 |
| 23932 | GLOBAL | Cartesian | 13.04772 | -0.2 | 9.75917 | No | 13.04772 | -0.2 | 9.75917 |
| 23933 | GLOBAL | Cartesian | 12.86022 | -0.1 | 9.74069 | No | 12.86022 | -0.1 | 9.74069 |
| 23934 | GLOBAL | Cartesian | 12.86022 | -0.2 | 9.74069 | No | 12.86022 | -0.2 | 9.74069 |
| 23935 | GLOBAL | Cartesian | 12.67272 | -0.1 | 9.7222 | No | 12.67272 | -0.1 | 9.7222 |
| 23936 | GLOBAL | Cartesian | 12.67272 | -0.2 | 9.7222 | No | 12.67272 | -0.2 | 9.7222 |
| 23937 | GLOBAL | Cartesian | 12.48522 | -0.1 | 9.70372 | No | 12.48522 | -0.1 | 9.70372 |
| 23938 | GLOBAL | Cartesian | 12.48522 | -0.2 | 9.70372 | No | 12.48522 | -0.2 | 9.70372 |
| 23939 | GLOBAL | Cartesian | 12.29772 | -0.1 | 9.68523 | No | 12.29772 | -0.1 | 9.68523 |
| 23940 | GLOBAL | Cartesian | 12.29772 | -0.2 | 9.68523 | No | 12.29772 | -0.2 | 9.68523 |
| 23941 | GLOBAL | Cartesian | 12.11022 | -0.1 | 9.66675 | No | 12.11022 | -0.1 | 9.66675 |
| 23942 | GLOBAL | Cartesian | 12.11022 | -0.2 | 9.66675 | No | 12.11022 | -0.2 | 9.66675 |
| 23943 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.64826 | No | 11.92272 | -0.1 | 9.64826 |
| 23944 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.64826 | No | 11.92272 | -0.2 | 9.64826 |
| 23945 | GLOBAL | Cartesian | 11.73522 | -0.1 | 9.62978 | No | 11.73522 | -0.1 | 9.62978 |
| 23946 | GLOBAL | Cartesian | 11.73522 | -0.2 | 9.62978 | No | 11.73522 | -0.2 | 9.62978 |
| 23947 | GLOBAL | Cartesian | 11.54772 | -0.1 | 9.6113 | No | 11.54772 | -0.1 | 9.6113 |
| 23948 | GLOBAL | Cartesian | 11.54772 | -0.2 | 9.6113 | No | 11.54772 | -0.2 | 9.6113 |
| 23949 | GLOBAL | Cartesian | 11.36022 | -0.1 | 9.59281 | No | 11.36022 | -0.1 | 9.59281 |
| 23950 | GLOBAL | Cartesian | 11.36022 | -0.2 | 9.59281 | No | 11.36022 | -0.2 | 9.59281 |
| 23951 | GLOBAL | Cartesian | 11.17272 | -0.1 | 9.57433 | No | 11.17272 | -0.1 | 9.57433 |
| 23952 | GLOBAL | Cartesian | 11.17272 | -0.2 | 9.57433 | No | 11.17272 | -0.2 | 9.57433 |
| 23953 | GLOBAL | Cartesian | 10.98522 | -0.1 | 9.55584 | No | 10.98522 | -0.1 | 9.55584 |
| 23954 | GLOBAL | Cartesian | 10.98522 | -0.2 | 9.55584 | No | 10.98522 | -0.2 | 9.55584 |
| 23955 | GLOBAL | Cartesian | 10.79772 | -0.1 | 9.53736 | No | 10.79772 | -0.1 | 9.53736 |
| 23956 | GLOBAL | Cartesian | 10.79772 | -0.2 | 9.53736 | No | 10.79772 | -0.2 | 9.53736 |
| 23957 | GLOBAL | Cartesian | 10.61022 | -0.1 | 9.51888 | No | 10.61022 | -0.1 | 9.51888 |
| 23958 | GLOBAL | Cartesian | 10.61022 | -0.2 | 9.51888 | No | 10.61022 | -0.2 | 9.51888 |
| 23959 | GLOBAL | Cartesian | 10.42272 | -0.1 | 9.50039 | No | 10.42272 | -0.1 | 9.50039 |
| 23960 | GLOBAL | Cartesian | 10.42272 | -0.2 | 9.50039 | No | 10.42272 | -0.2 | 9.50039 |
| 23961 | GLOBAL | Cartesian | 10.23522 | -0.1 | 9.48191 | No | 10.23522 | -0.1 | 9.48191 |
| 23962 | GLOBAL | Cartesian | 10.23522 | -0.2 | 9.48191 | No | 10.23522 | -0.2 | 9.48191 |
| 23963 | GLOBAL | Cartesian | 10.04772 | -0.1 | 9.46342 | No | 10.04772 | -0.1 | 9.46342 |
| 23964 | GLOBAL | Cartesian | 10.04772 | -0.2 | 9.46342 | No | 10.04772 | -0.2 | 9.46342 |
| 23965 | GLOBAL | Cartesian | 9.86022 | -0.1 | 9.44494 | No | 9.86022 | -0.1 | 9.44494 |
| 23966 | GLOBAL | Cartesian | 9.86022 | -0.2 | 9.44494 | No | 9.86022 | -0.2 | 9.44494 |
| 23967 | GLOBAL | Cartesian | 9.67272 | -0.1 | 9.42645 | No | 9.67272 | -0.1 | 9.42645 |
| 23968 | GLOBAL | Cartesian | 9.67272 | -0.2 | 9.42645 | No | 9.67272 | -0.2 | 9.42645 |
| 23969 | GLOBAL | Cartesian | 9.48522 | -0.1 | 9.40797 | No | 9.48522 | -0.1 | 9.40797 |
| 23970 | GLOBAL | Cartesian | 9.48522 | -0.2 | 9.40797 | No | 9.48522 | -0.2 | 9.40797 |
| 23971 | GLOBAL | Cartesian | 9.29772 | -0.1 | 9.38949 | No | 9.29772 | -0.1 | 9.38949 |
| 23972 | GLOBAL | Cartesian | 9.29772 | -0.2 | 9.38949 | No | 9.29772 | -0.2 | 9.38949 |
| 23973 | GLOBAL | Cartesian | 9.11022 | -0.1 | 9.371 | No | 9.11022 | -0.1 | 9.371 |
| 23974 | GLOBAL | Cartesian | 9.11022 | -0.2 | 9.371 | No | 9.11022 | -0.2 | 9.371 |
| 23975 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.35252 | No | 8.92272 | -0.1 | 9.35252 |
| 23976 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.35252 | No | 8.92272 | -0.2 | 9.35252 |
| 23977 | GLOBAL | Cartesian | 31.23701 | 0.1 | 11.55231 | No | 31.23701 | 0.1 | 11.55231 |
| 23978 | GLOBAL | Cartesian | 31.23701 | 0.2 | 11.55231 | No | 31.23701 | 0.2 | 11.55231 |
| 23979 | GLOBAL | Cartesian | 31.05129 | 0.1 | 11.534 | No | 31.05129 | 0.1 | 11.534 |
| 23980 | GLOBAL | Cartesian | 31.05129 | 0.2 | 11.534 | No | 31.05129 | 0.2 | 11.534 |
| 23981 | GLOBAL | Cartesian | 30.86558 | 0.1 | 11.51569 | No | 30.86558 | 0.1 | 11.51569 |
| 23982 | GLOBAL | Cartesian | 30.86558 | 0.2 | 11.51569 | No | 30.86558 | 0.2 | 11.51569 |
| 23983 | GLOBAL | Cartesian | 30.67986 | 0.1 | 11.49738 | No | 30.67986 | 0.1 | 11.49738 |
| 23984 | GLOBAL | Cartesian | 30.67986 | 0.2 | 11.49738 | No | 30.67986 | 0.2 | 11.49738 |
| 23985 | GLOBAL | Cartesian | 30.49415 | 0.1 | 11.47908 | No | 30.49415 | 0.1 | 11.47908 |
| 23986 | GLOBAL | Cartesian | 30.49415 | 0.2 | 11.47908 | No | 30.49415 | 0.2 | 11.47908 |
| 23987 | GLOBAL | Cartesian | 30.30844 | 0.1 | 11.46077 | No | 30.30844 | 0.1 | 11.46077 |
| 23988 | GLOBAL | Cartesian | 30.30844 | 0.2 | 11.46077 | No | 30.30844 | 0.2 | 11.46077 |
| 23989 | GLOBAL | Cartesian | 30.21558 | 0.1 | 11.45161 | No | 30.21558 | 0.1 | 11.45161 |
| 23990 | GLOBAL | Cartesian | 30.21558 | 0.2 | 11.45161 | No | 30.21558 | 0.2 | 11.45161 |
| 23991 | GLOBAL | Cartesian | 30.16915 | 0.1 | 11.44704 | No | 30.16915 | 0.1 | 11.44704 |
| 23992 | GLOBAL | Cartesian | 30.16915 | 0.2 | 11.44704 | No | 30.16915 | 0.2 | 11.44704 |
| 23993 | GLOBAL | Cartesian | 30.12272 | 0.1 | 11.44246 | No | 30.12272 | 0.1 | 11.44246 |
| 23994 | GLOBAL | Cartesian | 30.12272 | 0.2 | 11.44246 | No | 30.12272 | 0.2 | 11.44246 |
| 23995 | GLOBAL | Cartesian | 30.02272 | 0.1 | 11.4326 | No | 30.02272 | 0.1 | 11.4326 |
| 23996 | GLOBAL | Cartesian | 30.02272 | 0.2 | 11.4326 | No | 30.02272 | 0.2 | 11.4326 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 23997 | GLOBAL | Cartesian | 29.92272 | 0.1 | 11.42274 | No | 29.92272 | 0.1 | 11.42274 |
| 23998 | GLOBAL | Cartesian | 29.92272 | 0.2 | 11.42274 | No | 29.92272 | 0.2 | 11.42274 |
| 23999 | GLOBAL | Cartesian | 29.82272 | 0.1 | 11.41288 | No | 29.82272 | 0.1 | 11.41288 |
| 24000 | GLOBAL | Cartesian | 29.82272 | 0.2 | 11.41288 | No | 29.82272 | 0.2 | 11.41288 |
| 24001 | GLOBAL | Cartesian | 29.72272 | 0.1 | 11.40303 | No | 29.72272 | 0.1 | 11.40303 |
| 24002 | GLOBAL | Cartesian | 29.72272 | 0.2 | 11.40303 | No | 29.72272 | 0.2 | 11.40303 |
| 24003 | GLOBAL | Cartesian | 29.53701 | 0.1 | 11.38472 | No | 29.53701 | 0.1 | 11.38472 |
| 24004 | GLOBAL | Cartesian | 29.53701 | 0.2 | 11.38472 | No | 29.53701 | 0.2 | 11.38472 |
| 24005 | GLOBAL | Cartesian | 29.35129 | 0.1 | 11.36641 | No | 29.35129 | 0.1 | 11.36641 |
| 24006 | GLOBAL | Cartesian | 29.35129 | 0.2 | 11.36641 | No | 29.35129 | 0.2 | 11.36641 |
| 24007 | GLOBAL | Cartesian | 29.16558 | 0.1 | 11.3481 | No | 29.16558 | 0.1 | 11.3481 |
| 24008 | GLOBAL | Cartesian | 29.16558 | 0.2 | 11.3481 | No | 29.16558 | 0.2 | 11.3481 |
| 24009 | GLOBAL | Cartesian | 28.97986 | 0.1 | 11.32979 | No | 28.97986 | 0.1 | 11.32979 |
| 24010 | GLOBAL | Cartesian | 28.97986 | 0.2 | 11.32979 | No | 28.97986 | 0.2 | 11.32979 |
| 24011 | GLOBAL | Cartesian | 28.79415 | 0.1 | 11.31149 | No | 28.79415 | 0.1 | 11.31149 |
| 24012 | GLOBAL | Cartesian | 28.79415 | 0.2 | 11.31149 | No | 28.79415 | 0.2 | 11.31149 |
| 24013 | GLOBAL | Cartesian | 28.60844 | 0.1 | 11.29318 | No | 28.60844 | 0.1 | 11.29318 |
| 24014 | GLOBAL | Cartesian | 28.60844 | 0.2 | 11.29318 | No | 28.60844 | 0.2 | 11.29318 |
| 24015 | GLOBAL | Cartesian | 28.42272 | 0.1 | 11.27487 | No | 28.42272 | 0.1 | 11.27487 |
| 24016 | GLOBAL | Cartesian | 28.42272 | 0.2 | 11.27487 | No | 28.42272 | 0.2 | 11.27487 |
| 24017 | GLOBAL | Cartesian | 28.23701 | 0.1 | 11.25656 | No | 28.23701 | 0.1 | 11.25656 |
| 24018 | GLOBAL | Cartesian | 28.23701 | 0.2 | 11.25656 | No | 28.23701 | 0.2 | 11.25656 |
| 24019 | GLOBAL | Cartesian | 28.05129 | 0.1 | 11.23825 | No | 28.05129 | 0.1 | 11.23825 |
| 24020 | GLOBAL | Cartesian | 28.05129 | 0.2 | 11.23825 | No | 28.05129 | 0.2 | 11.23825 |
| 24021 | GLOBAL | Cartesian | 27.86558 | 0.1 | 11.21995 | No | 27.86558 | 0.1 | 11.21995 |
| 24022 | GLOBAL | Cartesian | 27.86558 | 0.2 | 11.21995 | No | 27.86558 | 0.2 | 11.21995 |
| 24023 | GLOBAL | Cartesian | 27.67986 | 0.1 | 11.20164 | No | 27.67986 | 0.1 | 11.20164 |
| 24024 | GLOBAL | Cartesian | 27.67986 | 0.2 | 11.20164 | No | 27.67986 | 0.2 | 11.20164 |
| 24025 | GLOBAL | Cartesian | 27.49415 | 0.1 | 11.18333 | No | 27.49415 | 0.1 | 11.18333 |
| 24026 | GLOBAL | Cartesian | 27.49415 | 0.2 | 11.18333 | No | 27.49415 | 0.2 | 11.18333 |
| 24027 | GLOBAL | Cartesian | 27.30844 | 0.1 | 11.16502 | No | 27.30844 | 0.1 | 11.16502 |
| 24028 | GLOBAL | Cartesian | 27.30844 | 0.2 | 11.16502 | No | 27.30844 | 0.2 | 11.16502 |
| 24029 | GLOBAL | Cartesian | 27.21558 | 0.1 | 11.15587 | No | 27.21558 | 0.1 | 11.15587 |
| 24030 | GLOBAL | Cartesian | 27.21558 | 0.2 | 11.15587 | No | 27.21558 | 0.2 | 11.15587 |
| 24031 | GLOBAL | Cartesian | 27.12272 | 0.1 | 11.14671 | No | 27.12272 | 0.1 | 11.14671 |
| 24032 | GLOBAL | Cartesian | 27.12272 | 0.2 | 11.14671 | No | 27.12272 | 0.2 | 11.14671 |
| 24033 | GLOBAL | Cartesian | 27.02272 | 0.1 | 11.13685 | No | 27.02272 | 0.1 | 11.13685 |
| 24034 | GLOBAL | Cartesian | 27.02272 | 0.2 | 11.13685 | No | 27.02272 | 0.2 | 11.13685 |
| 24035 | GLOBAL | Cartesian | 26.92272 | 0.1 | 11.127 | No | 26.92272 | 0.1 | 11.127 |
| 24036 | GLOBAL | Cartesian | 26.92272 | 0.2 | 11.127 | No | 26.92272 | 0.2 | 11.127 |
| 24037 | GLOBAL | Cartesian | 26.82272 | 0.1 | 11.11714 | No | 26.82272 | 0.1 | 11.11714 |
| 24038 | GLOBAL | Cartesian | 26.82272 | 0.2 | 11.11714 | No | 26.82272 | 0.2 | 11.11714 |
| 24039 | GLOBAL | Cartesian | 26.72272 | 0.1 | 11.10728 | No | 26.72272 | 0.1 | 11.10728 |
| 24040 | GLOBAL | Cartesian | 26.72272 | 0.2 | 11.10728 | No | 26.72272 | 0.2 | 11.10728 |
| 24041 | GLOBAL | Cartesian | 26.53701 | 0.1 | 11.08897 | No | 26.53701 | 0.1 | 11.08897 |
| 24042 | GLOBAL | Cartesian | 26.53701 | 0.2 | 11.08897 | No | 26.53701 | 0.2 | 11.08897 |
| 24043 | GLOBAL | Cartesian | 26.35129 | 0.1 | 11.07066 | No | 26.35129 | 0.1 | 11.07066 |
| 24044 | GLOBAL | Cartesian | 26.35129 | 0.2 | 11.07066 | No | 26.35129 | 0.2 | 11.07066 |
| 24045 | GLOBAL | Cartesian | 26.16558 | 0.1 | 11.05236 | No | 26.16558 | 0.1 | 11.05236 |
| 24046 | GLOBAL | Cartesian | 26.16558 | 0.2 | 11.05236 | No | 26.16558 | 0.2 | 11.05236 |
| 24047 | GLOBAL | Cartesian | 25.97986 | 0.1 | 11.03405 | No | 25.97986 | 0.1 | 11.03405 |
| 24048 | GLOBAL | Cartesian | 25.97986 | 0.2 | 11.03405 | No | 25.97986 | 0.2 | 11.03405 |
| 24049 | GLOBAL | Cartesian | 25.79415 | 0.1 | 11.01574 | No | 25.79415 | 0.1 | 11.01574 |
| 24050 | GLOBAL | Cartesian | 25.79415 | 0.2 | 11.01574 | No | 25.79415 | 0.2 | 11.01574 |
| 24051 | GLOBAL | Cartesian | 25.60844 | 0.1 | 10.99743 | No | 25.60844 | 0.1 | 10.99743 |
| 24052 | GLOBAL | Cartesian | 25.60844 | 0.2 | 10.99743 | No | 25.60844 | 0.2 | 10.99743 |
| 24053 | GLOBAL | Cartesian | 25.42272 | 0.1 | 10.97912 | No | 25.42272 | 0.1 | 10.97912 |
| 24054 | GLOBAL | Cartesian | 25.42272 | 0.2 | 10.97912 | No | 25.42272 | 0.2 | 10.97912 |
| 24055 | GLOBAL | Cartesian | 25.23701 | 0.1 | 10.96082 | No | 25.23701 | 0.1 | 10.96082 |
| 24056 | GLOBAL | Cartesian | 25.23701 | 0.2 | 10.96082 | No | 25.23701 | 0.2 | 10.96082 |
| 24057 | GLOBAL | Cartesian | 25.05129 | 0.1 | 10.94251 | No | 25.05129 | 0.1 | 10.94251 |
| 24058 | GLOBAL | Cartesian | 25.05129 | 0.2 | 10.94251 | No | 25.05129 | 0.2 | 10.94251 |
| 24059 | GLOBAL | Cartesian | 24.86558 | 0.1 | 10.9242 | No | 24.86558 | 0.1 | 10.9242 |
| 24060 | GLOBAL | Cartesian | 24.86558 | 0.2 | 10.9242 | No | 24.86558 | 0.2 | 10.9242 |
| 24061 | GLOBAL | Cartesian | 24.67986 | 0.1 | 10.90589 | No | 24.67986 | 0.1 | 10.90589 |
| 24062 | GLOBAL | Cartesian | 24.67986 | 0.2 | 10.90589 | No | 24.67986 | 0.2 | 10.90589 |
| 24063 | GLOBAL | Cartesian | 24.49415 | 0.1 | 10.88758 | No | 24.49415 | 0.1 | 10.88758 |
| 24064 | GLOBAL | Cartesian | 24.49415 | 0.2 | 10.88758 | No | 24.49415 | 0.2 | 10.88758 |
| 24065 | GLOBAL | Cartesian | 24.30844 | 0.1 | 10.86927 | No | 24.30844 | 0.1 | 10.86927 |
| 24066 | GLOBAL | Cartesian | 24.30844 | 0.2 | 10.86927 | No | 24.30844 | 0.2 | 10.86927 |
| 24067 | GLOBAL | Cartesian | 24.21558 | 0.1 | 10.86012 | No | 24.21558 | 0.1 | 10.86012 |
| 24068 | GLOBAL | Cartesian | 24.21558 | 0.2 | 10.86012 | No | 24.21558 | 0.2 | 10.86012 |
| 24069 | GLOBAL | Cartesian | 24.12272 | 0.1 | 10.85097 | No | 24.12272 | 0.1 | 10.85097 |
| 24070 | GLOBAL | Cartesian | 24.12272 | 0.2 | 10.85097 | No | 24.12272 | 0.2 | 10.85097 |
| 24071 | GLOBAL | Cartesian | 24.02272 | 0.1 | 10.84111 | No | 24.02272 | 0.1 | 10.84111 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24072 | GLOBAL | Cartesian | 24.02272 | 0.2 | 10.84111 | No | 24.02272 | 0.2 | 10.84111 |
| 24073 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.83125 | No | 23.92272 | 0.1 | 10.83125 |
| 24074 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.83125 | No | 23.92272 | 0.2 | 10.83125 |
| 24075 | GLOBAL | Cartesian | 23.82217 | 0.1 | 10.82134 | No | 23.82217 | 0.1 | 10.82134 |
| 24076 | GLOBAL | Cartesian | 23.82217 | 0.2 | 10.82134 | No | 23.82217 | 0.2 | 10.82134 |
| 24077 | GLOBAL | Cartesian | 23.72163 | 0.1 | 10.81143 | No | 23.72163 | 0.1 | 10.81143 |
| 24078 | GLOBAL | Cartesian | 23.72163 | 0.2 | 10.81143 | No | 23.72163 | 0.2 | 10.81143 |
| 24079 | GLOBAL | Cartesian | 23.53601 | 0.1 | 10.79313 | No | 23.53601 | 0.1 | 10.79313 |
| 24080 | GLOBAL | Cartesian | 23.53601 | 0.2 | 10.79313 | No | 23.53601 | 0.2 | 10.79313 |
| 24081 | GLOBAL | Cartesian | 23.35038 | 0.1 | 10.77483 | No | 23.35038 | 0.1 | 10.77483 |
| 24082 | GLOBAL | Cartesian | 23.35038 | 0.2 | 10.77483 | No | 23.35038 | 0.2 | 10.77483 |
| 24083 | GLOBAL | Cartesian | 23.16476 | 0.1 | 10.75653 | No | 23.16476 | 0.1 | 10.75653 |
| 24084 | GLOBAL | Cartesian | 23.16476 | 0.2 | 10.75653 | No | 23.16476 | 0.2 | 10.75653 |
| 24085 | GLOBAL | Cartesian | 22.97914 | 0.1 | 10.73823 | No | 22.97914 | 0.1 | 10.73823 |
| 24086 | GLOBAL | Cartesian | 22.97914 | 0.2 | 10.73823 | No | 22.97914 | 0.2 | 10.73823 |
| 24087 | GLOBAL | Cartesian | 22.79352 | 0.1 | 10.71993 | No | 22.79352 | 0.1 | 10.71993 |
| 24088 | GLOBAL | Cartesian | 22.79352 | 0.2 | 10.71993 | No | 22.79352 | 0.2 | 10.71993 |
| 24089 | GLOBAL | Cartesian | 22.6079 | 0.1 | 10.70163 | No | 22.6079 | 0.1 | 10.70163 |
| 24090 | GLOBAL | Cartesian | 22.6079 | 0.2 | 10.70163 | No | 22.6079 | 0.2 | 10.70163 |
| 24091 | GLOBAL | Cartesian | 22.42228 | 0.1 | 10.68333 | No | 22.42228 | 0.1 | 10.68333 |
| 24092 | GLOBAL | Cartesian | 22.42228 | 0.2 | 10.68333 | No | 22.42228 | 0.2 | 10.68333 |
| 24093 | GLOBAL | Cartesian | 22.23666 | 0.1 | 10.66503 | No | 22.23666 | 0.1 | 10.66503 |
| 24094 | GLOBAL | Cartesian | 22.23666 | 0.2 | 10.66503 | No | 22.23666 | 0.2 | 10.66503 |
| 24095 | GLOBAL | Cartesian | 22.05103 | 0.1 | 10.64674 | No | 22.05103 | 0.1 | 10.64674 |
| 24096 | GLOBAL | Cartesian | 22.05103 | 0.2 | 10.64674 | No | 22.05103 | 0.2 | 10.64674 |
| 24097 | GLOBAL | Cartesian | 21.86541 | 0.1 | 10.62844 | No | 21.86541 | 0.1 | 10.62844 |
| 24098 | GLOBAL | Cartesian | 21.86541 | 0.2 | 10.62844 | No | 21.86541 | 0.2 | 10.62844 |
| 24099 | GLOBAL | Cartesian | 21.67979 | 0.1 | 10.61014 | No | 21.67979 | 0.1 | 10.61014 |
| 24100 | GLOBAL | Cartesian | 21.67979 | 0.2 | 10.61014 | No | 21.67979 | 0.2 | 10.61014 |
| 24101 | GLOBAL | Cartesian | 21.49417 | 0.1 | 10.59184 | No | 21.49417 | 0.1 | 10.59184 |
| 24102 | GLOBAL | Cartesian | 21.49417 | 0.2 | 10.59184 | No | 21.49417 | 0.2 | 10.59184 |
| 24103 | GLOBAL | Cartesian | 21.30855 | 0.1 | 10.57354 | No | 21.30855 | 0.1 | 10.57354 |
| 24104 | GLOBAL | Cartesian | 21.30855 | 0.2 | 10.57354 | No | 21.30855 | 0.2 | 10.57354 |
| 24105 | GLOBAL | Cartesian | 21.12293 | 0.1 | 10.55524 | No | 21.12293 | 0.1 | 10.55524 |
| 24106 | GLOBAL | Cartesian | 21.12293 | 0.2 | 10.55524 | No | 21.12293 | 0.2 | 10.55524 |
| 24107 | GLOBAL | Cartesian | 21.02282 | 0.1 | 10.54537 | No | 21.02282 | 0.1 | 10.54537 |
| 24108 | GLOBAL | Cartesian | 21.02282 | 0.2 | 10.54537 | No | 21.02282 | 0.2 | 10.54537 |
| 24109 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.5355 | No | 20.92272 | 0.1 | 10.5355 |
| 24110 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.5355 | No | 20.92272 | 0.2 | 10.5355 |
| 24111 | GLOBAL | Cartesian | 20.82255 | 0.1 | 10.52563 | No | 20.82255 | 0.1 | 10.52563 |
| 24112 | GLOBAL | Cartesian | 20.82255 | 0.2 | 10.52563 | No | 20.82255 | 0.2 | 10.52563 |
| 24113 | GLOBAL | Cartesian | 20.72238 | 0.1 | 10.51575 | No | 20.72238 | 0.1 | 10.51575 |
| 24114 | GLOBAL | Cartesian | 20.72238 | 0.2 | 10.51575 | No | 20.72238 | 0.2 | 10.51575 |
| 24115 | GLOBAL | Cartesian | 20.53671 | 0.1 | 10.49745 | No | 20.53671 | 0.1 | 10.49745 |
| 24116 | GLOBAL | Cartesian | 20.53671 | 0.2 | 10.49745 | No | 20.53671 | 0.2 | 10.49745 |
| 24117 | GLOBAL | Cartesian | 20.35103 | 0.1 | 10.47915 | No | 20.35103 | 0.1 | 10.47915 |
| 24118 | GLOBAL | Cartesian | 20.35103 | 0.2 | 10.47915 | No | 20.35103 | 0.2 | 10.47915 |
| 24119 | GLOBAL | Cartesian | 20.16536 | 0.1 | 10.46084 | No | 20.16536 | 0.1 | 10.46084 |
| 24120 | GLOBAL | Cartesian | 20.16536 | 0.2 | 10.46084 | No | 20.16536 | 0.2 | 10.46084 |
| 24121 | GLOBAL | Cartesian | 19.97968 | 0.1 | 10.44254 | No | 19.97968 | 0.1 | 10.44254 |
| 24122 | GLOBAL | Cartesian | 19.97968 | 0.2 | 10.44254 | No | 19.97968 | 0.2 | 10.44254 |
| 24123 | GLOBAL | Cartesian | 19.794 | 0.1 | 10.42423 | No | 19.794 | 0.1 | 10.42423 |
| 24124 | GLOBAL | Cartesian | 19.794 | 0.2 | 10.42423 | No | 19.794 | 0.2 | 10.42423 |
| 24125 | GLOBAL | Cartesian | 19.60833 | 0.1 | 10.40593 | No | 19.60833 | 0.1 | 10.40593 |
| 24126 | GLOBAL | Cartesian | 19.60833 | 0.2 | 10.40593 | No | 19.60833 | 0.2 | 10.40593 |
| 24127 | GLOBAL | Cartesian | 19.42265 | 0.1 | 10.38762 | No | 19.42265 | 0.1 | 10.38762 |
| 24128 | GLOBAL | Cartesian | 19.42265 | 0.2 | 10.38762 | No | 19.42265 | 0.2 | 10.38762 |
| 24129 | GLOBAL | Cartesian | 19.23698 | 0.1 | 10.36932 | No | 19.23698 | 0.1 | 10.36932 |
| 24130 | GLOBAL | Cartesian | 19.23698 | 0.2 | 10.36932 | No | 19.23698 | 0.2 | 10.36932 |
| 24131 | GLOBAL | Cartesian | 19.0513 | 0.1 | 10.35102 | No | 19.0513 | 0.1 | 10.35102 |
| 24132 | GLOBAL | Cartesian | 19.0513 | 0.2 | 10.35102 | No | 19.0513 | 0.2 | 10.35102 |
| 24133 | GLOBAL | Cartesian | 18.86562 | 0.1 | 10.33271 | No | 18.86562 | 0.1 | 10.33271 |
| 24134 | GLOBAL | Cartesian | 18.86562 | 0.2 | 10.33271 | No | 18.86562 | 0.2 | 10.33271 |
| 24135 | GLOBAL | Cartesian | 18.67995 | 0.1 | 10.31441 | No | 18.67995 | 0.1 | 10.31441 |
| 24136 | GLOBAL | Cartesian | 18.67995 | 0.2 | 10.31441 | No | 18.67995 | 0.2 | 10.31441 |
| 24137 | GLOBAL | Cartesian | 18.49427 | 0.1 | 10.2961 | No | 18.49427 | 0.1 | 10.2961 |
| 24138 | GLOBAL | Cartesian | 18.49427 | 0.2 | 10.2961 | No | 18.49427 | 0.2 | 10.2961 |
| 24139 | GLOBAL | Cartesian | 18.40143 | 0.1 | 10.28695 | No | 18.40143 | 0.1 | 10.28695 |
| 24140 | GLOBAL | Cartesian | 18.40143 | 0.2 | 10.28695 | No | 18.40143 | 0.2 | 10.28695 |
| 24141 | GLOBAL | Cartesian | 18.3086 | 0.1 | 10.2778 | No | 18.3086 | 0.1 | 10.2778 |
| 24142 | GLOBAL | Cartesian | 18.3086 | 0.2 | 10.2778 | No | 18.3086 | 0.2 | 10.2778 |
| 24143 | GLOBAL | Cartesian | 18.12292 | 0.1 | 10.25949 | No | 18.12292 | 0.1 | 10.25949 |
| 24144 | GLOBAL | Cartesian | 18.12292 | 0.2 | 10.25949 | No | 18.12292 | 0.2 | 10.25949 |
| 24145 | GLOBAL | Cartesian | 18.02282 | 0.1 | 10.24963 | No | 18.02282 | 0.1 | 10.24963 |
| 24146 | GLOBAL | Cartesian | 18.02282 | 0.2 | 10.24963 | No | 18.02282 | 0.2 | 10.24963 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24147 | GLOBAL | Cartesian | 17.92272 | 0.1 | 10.23976 | No | 17.92272 | 0.1 | 10.23976 |
| 24148 | GLOBAL | Cartesian | 17.92272 | 0.2 | 10.23976 | No | 17.92272 | 0.2 | 10.23976 |
| 24149 | GLOBAL | Cartesian | 17.82272 | 0.1 | 10.2299 | No | 17.82272 | 0.1 | 10.2299 |
| 24150 | GLOBAL | Cartesian | 17.82272 | 0.2 | 10.2299 | No | 17.82272 | 0.2 | 10.2299 |
| 24151 | GLOBAL | Cartesian | 17.72272 | 0.1 | 10.22004 | No | 17.72272 | 0.1 | 10.22004 |
| 24152 | GLOBAL | Cartesian | 17.72272 | 0.2 | 10.22004 | No | 17.72272 | 0.2 | 10.22004 |
| 24153 | GLOBAL | Cartesian | 17.53702 | 0.1 | 10.20173 | No | 17.53702 | 0.1 | 10.20173 |
| 24154 | GLOBAL | Cartesian | 17.53702 | 0.2 | 10.20173 | No | 17.53702 | 0.2 | 10.20173 |
| 24155 | GLOBAL | Cartesian | 17.35132 | 0.1 | 10.18343 | No | 17.35132 | 0.1 | 10.18343 |
| 24156 | GLOBAL | Cartesian | 17.35132 | 0.2 | 10.18343 | No | 17.35132 | 0.2 | 10.18343 |
| 24157 | GLOBAL | Cartesian | 17.16562 | 0.1 | 10.16512 | No | 17.16562 | 0.1 | 10.16512 |
| 24158 | GLOBAL | Cartesian | 17.16562 | 0.2 | 10.16512 | No | 17.16562 | 0.2 | 10.16512 |
| 24159 | GLOBAL | Cartesian | 16.97992 | 0.1 | 10.14681 | No | 16.97992 | 0.1 | 10.14681 |
| 24160 | GLOBAL | Cartesian | 16.97992 | 0.2 | 10.14681 | No | 16.97992 | 0.2 | 10.14681 |
| 24161 | GLOBAL | Cartesian | 16.79422 | 0.1 | 10.12851 | No | 16.79422 | 0.1 | 10.12851 |
| 24162 | GLOBAL | Cartesian | 16.79422 | 0.2 | 10.12851 | No | 16.79422 | 0.2 | 10.12851 |
| 24163 | GLOBAL | Cartesian | 16.60852 | 0.1 | 10.1102 | No | 16.60852 | 0.1 | 10.1102 |
| 24164 | GLOBAL | Cartesian | 16.60852 | 0.2 | 10.1102 | No | 16.60852 | 0.2 | 10.1102 |
| 24165 | GLOBAL | Cartesian | 16.42282 | 0.1 | 10.09189 | No | 16.42282 | 0.1 | 10.09189 |
| 24166 | GLOBAL | Cartesian | 16.42282 | 0.2 | 10.09189 | No | 16.42282 | 0.2 | 10.09189 |
| 24167 | GLOBAL | Cartesian | 16.23712 | 0.1 | 10.07359 | No | 16.23712 | 0.1 | 10.07359 |
| 24168 | GLOBAL | Cartesian | 16.23712 | 0.2 | 10.07359 | No | 16.23712 | 0.2 | 10.07359 |
| 24169 | GLOBAL | Cartesian | 16.05142 | 0.1 | 10.05528 | No | 16.05142 | 0.1 | 10.05528 |
| 24170 | GLOBAL | Cartesian | 16.05142 | 0.2 | 10.05528 | No | 16.05142 | 0.2 | 10.05528 |
| 24171 | GLOBAL | Cartesian | 15.86572 | 0.1 | 10.03697 | No | 15.86572 | 0.1 | 10.03697 |
| 24172 | GLOBAL | Cartesian | 15.86572 | 0.2 | 10.03697 | No | 15.86572 | 0.2 | 10.03697 |
| 24173 | GLOBAL | Cartesian | 15.68002 | 0.1 | 10.01867 | No | 15.68002 | 0.1 | 10.01867 |
| 24174 | GLOBAL | Cartesian | 15.68002 | 0.2 | 10.01867 | No | 15.68002 | 0.2 | 10.01867 |
| 24175 | GLOBAL | Cartesian | 15.49432 | 0.1 | 10.00036 | No | 15.49432 | 0.1 | 10.00036 |
| 24176 | GLOBAL | Cartesian | 15.49432 | 0.2 | 10.00036 | No | 15.49432 | 0.2 | 10.00036 |
| 24177 | GLOBAL | Cartesian | 15.30862 | 0.1 | 9.98205 | No | 15.30862 | 0.1 | 9.98205 |
| 24178 | GLOBAL | Cartesian | 15.30862 | 0.2 | 9.98205 | No | 15.30862 | 0.2 | 9.98205 |
| 24179 | GLOBAL | Cartesian | 15.12292 | 0.1 | 9.96375 | No | 15.12292 | 0.1 | 9.96375 |
| 24180 | GLOBAL | Cartesian | 15.12292 | 0.2 | 9.96375 | No | 15.12292 | 0.2 | 9.96375 |
| 24181 | GLOBAL | Cartesian | 15.02282 | 0.1 | 9.95388 | No | 15.02282 | 0.1 | 9.95388 |
| 24182 | GLOBAL | Cartesian | 15.02282 | 0.2 | 9.95388 | No | 15.02282 | 0.2 | 9.95388 |
| 24183 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.94401 | No | 14.92272 | 0.1 | 9.94401 |
| 24184 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.94401 | No | 14.92272 | 0.2 | 9.94401 |
| 24185 | GLOBAL | Cartesian | 14.73522 | 0.1 | 9.92553 | No | 14.73522 | 0.1 | 9.92553 |
| 24186 | GLOBAL | Cartesian | 14.73522 | 0.2 | 9.92553 | No | 14.73522 | 0.2 | 9.92553 |
| 24187 | GLOBAL | Cartesian | 14.54772 | 0.1 | 9.90704 | No | 14.54772 | 0.1 | 9.90704 |
| 24188 | GLOBAL | Cartesian | 14.54772 | 0.2 | 9.90704 | No | 14.54772 | 0.2 | 9.90704 |
| 24189 | GLOBAL | Cartesian | 14.36022 | 0.1 | 9.88856 | No | 14.36022 | 0.1 | 9.88856 |
| 24190 | GLOBAL | Cartesian | 14.36022 | 0.2 | 9.88856 | No | 14.36022 | 0.2 | 9.88856 |
| 24191 | GLOBAL | Cartesian | 14.17272 | 0.1 | 9.87007 | No | 14.17272 | 0.1 | 9.87007 |
| 24192 | GLOBAL | Cartesian | 14.17272 | 0.2 | 9.87007 | No | 14.17272 | 0.2 | 9.87007 |
| 24193 | GLOBAL | Cartesian | 13.98522 | 0.1 | 9.85159 | No | 13.98522 | 0.1 | 9.85159 |
| 24194 | GLOBAL | Cartesian | 13.98522 | 0.2 | 9.85159 | No | 13.98522 | 0.2 | 9.85159 |
| 24195 | GLOBAL | Cartesian | 13.79772 | 0.1 | 9.83311 | No | 13.79772 | 0.1 | 9.83311 |
| 24196 | GLOBAL | Cartesian | 13.79772 | 0.2 | 9.83311 | No | 13.79772 | 0.2 | 9.83311 |
| 24197 | GLOBAL | Cartesian | 13.61022 | 0.1 | 9.81462 | No | 13.61022 | 0.1 | 9.81462 |
| 24198 | GLOBAL | Cartesian | 13.61022 | 0.2 | 9.81462 | No | 13.61022 | 0.2 | 9.81462 |
| 24199 | GLOBAL | Cartesian | 13.42272 | 0.1 | 9.79614 | No | 13.42272 | 0.1 | 9.79614 |
| 24200 | GLOBAL | Cartesian | 13.42272 | 0.2 | 9.79614 | No | 13.42272 | 0.2 | 9.79614 |
| 24201 | GLOBAL | Cartesian | 13.23522 | 0.1 | 9.77765 | No | 13.23522 | 0.1 | 9.77765 |
| 24202 | GLOBAL | Cartesian | 13.23522 | 0.2 | 9.77765 | No | 13.23522 | 0.2 | 9.77765 |
| 24203 | GLOBAL | Cartesian | 13.04772 | 0.1 | 9.75917 | No | 13.04772 | 0.1 | 9.75917 |
| 24204 | GLOBAL | Cartesian | 13.04772 | 0.2 | 9.75917 | No | 13.04772 | 0.2 | 9.75917 |
| 24205 | GLOBAL | Cartesian | 12.86022 | 0.1 | 9.74069 | No | 12.86022 | 0.1 | 9.74069 |
| 24206 | GLOBAL | Cartesian | 12.86022 | 0.2 | 9.74069 | No | 12.86022 | 0.2 | 9.74069 |
| 24207 | GLOBAL | Cartesian | 12.67272 | 0.1 | 9.7222 | No | 12.67272 | 0.1 | 9.7222 |
| 24208 | GLOBAL | Cartesian | 12.67272 | 0.2 | 9.7222 | No | 12.67272 | 0.2 | 9.7222 |
| 24209 | GLOBAL | Cartesian | 12.48522 | 0.1 | 9.70372 | No | 12.48522 | 0.1 | 9.70372 |
| 24210 | GLOBAL | Cartesian | 12.48522 | 0.2 | 9.70372 | No | 12.48522 | 0.2 | 9.70372 |
| 24211 | GLOBAL | Cartesian | 12.29772 | 0.1 | 9.68523 | No | 12.29772 | 0.1 | 9.68523 |
| 24212 | GLOBAL | Cartesian | 12.29772 | 0.2 | 9.68523 | No | 12.29772 | 0.2 | 9.68523 |
| 24213 | GLOBAL | Cartesian | 12.11022 | 0.1 | 9.66675 | No | 12.11022 | 0.1 | 9.66675 |
| 24214 | GLOBAL | Cartesian | 12.11022 | 0.2 | 9.66675 | No | 12.11022 | 0.2 | 9.66675 |
| 24215 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.64826 | No | 11.92272 | 0.1 | 9.64826 |
| 24216 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.64826 | No | 11.92272 | 0.2 | 9.64826 |
| 24217 | GLOBAL | Cartesian | 11.73522 | 0.1 | 9.62978 | No | 11.73522 | 0.1 | 9.62978 |
| 24218 | GLOBAL | Cartesian | 11.73522 | 0.2 | 9.62978 | No | 11.73522 | 0.2 | 9.62978 |
| 24219 | GLOBAL | Cartesian | 11.54772 | 0.1 | 9.6113 | No | 11.54772 | 0.1 | 9.6113 |
| 24220 | GLOBAL | Cartesian | 11.54772 | 0.2 | 9.6113 | No | 11.54772 | 0.2 | 9.6113 |
| 24221 | GLOBAL | Cartesian | 11.36022 | 0.1 | 9.59281 | No | 11.36022 | 0.1 | 9.59281 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24222 | GLOBAL | Cartesian | 11.36022 | 0.2 | 9.59281 | No | 11.36022 | 0.2 | 9.59281 |
| 24223 | GLOBAL | Cartesian | 11.17272 | 0.1 | 9.57433 | No | 11.17272 | 0.1 | 9.57433 |
| 24224 | GLOBAL | Cartesian | 11.17272 | 0.2 | 9.57433 | No | 11.17272 | 0.2 | 9.57433 |
| 24225 | GLOBAL | Cartesian | 10.98522 | 0.1 | 9.55584 | No | 10.98522 | 0.1 | 9.55584 |
| 24226 | GLOBAL | Cartesian | 10.98522 | 0.2 | 9.55584 | No | 10.98522 | 0.2 | 9.55584 |
| 24227 | GLOBAL | Cartesian | 10.79772 | 0.1 | 9.53736 | No | 10.79772 | 0.1 | 9.53736 |
| 24228 | GLOBAL | Cartesian | 10.79772 | 0.2 | 9.53736 | No | 10.79772 | 0.2 | 9.53736 |
| 24229 | GLOBAL | Cartesian | 10.61022 | 0.1 | 9.51888 | No | 10.61022 | 0.1 | 9.51888 |
| 24230 | GLOBAL | Cartesian | 10.61022 | 0.2 | 9.51888 | No | 10.61022 | 0.2 | 9.51888 |
| 24231 | GLOBAL | Cartesian | 10.42272 | 0.1 | 9.50039 | No | 10.42272 | 0.1 | 9.50039 |
| 24232 | GLOBAL | Cartesian | 10.42272 | 0.2 | 9.50039 | No | 10.42272 | 0.2 | 9.50039 |
| 24233 | GLOBAL | Cartesian | 10.23522 | 0.1 | 9.48191 | No | 10.23522 | 0.1 | 9.48191 |
| 24234 | GLOBAL | Cartesian | 10.23522 | 0.2 | 9.48191 | No | 10.23522 | 0.2 | 9.48191 |
| 24235 | GLOBAL | Cartesian | 10.04772 | 0.1 | 9.46342 | No | 10.04772 | 0.1 | 9.46342 |
| 24236 | GLOBAL | Cartesian | 10.04772 | 0.2 | 9.46342 | No | 10.04772 | 0.2 | 9.46342 |
| 24237 | GLOBAL | Cartesian | 9.86022 | 0.1 | 9.44494 | No | 9.86022 | 0.1 | 9.44494 |
| 24238 | GLOBAL | Cartesian | 9.86022 | 0.2 | 9.44494 | No | 9.86022 | 0.2 | 9.44494 |
| 24239 | GLOBAL | Cartesian | 9.67272 | 0.1 | 9.42645 | No | 9.67272 | 0.1 | 9.42645 |
| 24240 | GLOBAL | Cartesian | 9.67272 | 0.2 | 9.42645 | No | 9.67272 | 0.2 | 9.42645 |
| 24241 | GLOBAL | Cartesian | 9.48522 | 0.1 | 9.40797 | No | 9.48522 | 0.1 | 9.40797 |
| 24242 | GLOBAL | Cartesian | 9.48522 | 0.2 | 9.40797 | No | 9.48522 | 0.2 | 9.40797 |
| 24243 | GLOBAL | Cartesian | 9.29772 | 0.1 | 9.38949 | No | 9.29772 | 0.1 | 9.38949 |
| 24244 | GLOBAL | Cartesian | 9.29772 | 0.2 | 9.38949 | No | 9.29772 | 0.2 | 9.38949 |
| 24245 | GLOBAL | Cartesian | 9.11022 | 0.1 | 9.371 | No | 9.11022 | 0.1 | 9.371 |
| 24246 | GLOBAL | Cartesian | 9.11022 | 0.2 | 9.371 | No | 9.11022 | 0.2 | 9.371 |
| 24247 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.35252 | No | 8.92272 | 0.1 | 9.35252 |
| 24248 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.35252 | No | 8.92272 | 0.2 | 9.35252 |
| 24249 | GLOBAL | Cartesian | 31.23984 | 0.1 | 8.28784 | No | 31.23984 | 0.1 | 8.28784 |
| 24250 | GLOBAL | Cartesian | 31.23984 | 0.2 | 8.28784 | No | 31.23984 | 0.2 | 8.28784 |
| 24251 | GLOBAL | Cartesian | 31.05697 | 0.1 | 8.28784 | No | 31.05697 | 0.1 | 8.28784 |
| 24252 | GLOBAL | Cartesian | 31.05697 | 0.2 | 8.28784 | No | 31.05697 | 0.2 | 8.28784 |
| 24253 | GLOBAL | Cartesian | 30.87409 | 0.1 | 8.28784 | No | 30.87409 | 0.1 | 8.28784 |
| 24254 | GLOBAL | Cartesian | 30.87409 | 0.2 | 8.28784 | No | 30.87409 | 0.2 | 8.28784 |
| 24255 | GLOBAL | Cartesian | 30.69121 | 0.1 | 8.28784 | No | 30.69121 | 0.1 | 8.28784 |
| 24256 | GLOBAL | Cartesian | 30.69121 | 0.2 | 8.28784 | No | 30.69121 | 0.2 | 8.28784 |
| 24257 | GLOBAL | Cartesian | 30.50172 | 0.1 | 8.28784 | No | 30.50172 | 0.1 | 8.28784 |
| 24258 | GLOBAL | Cartesian | 30.50172 | 0.2 | 8.28784 | No | 30.50172 | 0.2 | 8.28784 |
| 24259 | GLOBAL | Cartesian | 30.31222 | 0.1 | 8.28784 | No | 30.31222 | 0.1 | 8.28784 |
| 24260 | GLOBAL | Cartesian | 30.31222 | 0.2 | 8.28784 | No | 30.31222 | 0.2 | 8.28784 |
| 24261 | GLOBAL | Cartesian | 30.12272 | 0.1 | 8.28784 | No | 30.12272 | 0.1 | 8.28784 |
| 24262 | GLOBAL | Cartesian | 30.12272 | 0.2 | 8.28784 | No | 30.12272 | 0.2 | 8.28784 |
| 24263 | GLOBAL | Cartesian | 30.02272 | 0.1 | 8.28784 | No | 30.02272 | 0.1 | 8.28784 |
| 24264 | GLOBAL | Cartesian | 30.02272 | 0.2 | 8.28784 | No | 30.02272 | 0.2 | 8.28784 |
| 24265 | GLOBAL | Cartesian | 29.92272 | 0.1 | 8.28784 | No | 29.92272 | 0.1 | 8.28784 |
| 24266 | GLOBAL | Cartesian | 29.92272 | 0.2 | 8.28784 | No | 29.92272 | 0.2 | 8.28784 |
| 24267 | GLOBAL | Cartesian | 29.82272 | 0.1 | 8.28697 | No | 29.82272 | 0.1 | 8.28697 |
| 24268 | GLOBAL | Cartesian | 29.82272 | 0.2 | 8.28697 | No | 29.82272 | 0.2 | 8.28697 |
| 24269 | GLOBAL | Cartesian | 29.72272 | 0.1 | 8.2861 | No | 29.72272 | 0.1 | 8.2861 |
| 24270 | GLOBAL | Cartesian | 29.72272 | 0.2 | 8.2861 | No | 29.72272 | 0.2 | 8.2861 |
| 24271 | GLOBAL | Cartesian | 29.56822 | 0.1 | 8.28464 | No | 29.56822 | 0.1 | 8.28464 |
| 24272 | GLOBAL | Cartesian | 29.56822 | 0.2 | 8.28464 | No | 29.56822 | 0.2 | 8.28464 |
| 24273 | GLOBAL | Cartesian | 29.41372 | 0.1 | 8.28317 | No | 29.41372 | 0.1 | 8.28317 |
| 24274 | GLOBAL | Cartesian | 29.41372 | 0.2 | 8.28317 | No | 29.41372 | 0.2 | 8.28317 |
| 24275 | GLOBAL | Cartesian | 29.25922 | 0.1 | 8.28171 | No | 29.25922 | 0.1 | 8.28171 |
| 24276 | GLOBAL | Cartesian | 29.25922 | 0.2 | 8.28171 | No | 29.25922 | 0.2 | 8.28171 |
| 24277 | GLOBAL | Cartesian | 29.10472 | 0.1 | 8.28025 | No | 29.10472 | 0.1 | 8.28025 |
| 24278 | GLOBAL | Cartesian | 29.10472 | 0.2 | 8.28025 | No | 29.10472 | 0.2 | 8.28025 |
| 24279 | GLOBAL | Cartesian | 28.90651 | 0.1 | 8.27837 | No | 28.90651 | 0.1 | 8.27837 |
| 24280 | GLOBAL | Cartesian | 28.90651 | 0.2 | 8.27837 | No | 28.90651 | 0.2 | 8.27837 |
| 24281 | GLOBAL | Cartesian | 28.70831 | 0.1 | 8.27649 | No | 28.70831 | 0.1 | 8.27649 |
| 24282 | GLOBAL | Cartesian | 28.70831 | 0.2 | 8.27649 | No | 28.70831 | 0.2 | 8.27649 |
| 24283 | GLOBAL | Cartesian | 28.51011 | 0.1 | 8.27462 | No | 28.51011 | 0.1 | 8.27462 |
| 24284 | GLOBAL | Cartesian | 28.51011 | 0.2 | 8.27462 | No | 28.51011 | 0.2 | 8.27462 |
| 24285 | GLOBAL | Cartesian | 28.31191 | 0.1 | 8.27274 | No | 28.31191 | 0.1 | 8.27274 |
| 24286 | GLOBAL | Cartesian | 28.31191 | 0.2 | 8.27274 | No | 28.31191 | 0.2 | 8.27274 |
| 24287 | GLOBAL | Cartesian | 28.11371 | 0.1 | 8.27086 | No | 28.11371 | 0.1 | 8.27086 |
| 24288 | GLOBAL | Cartesian | 28.11371 | 0.2 | 8.27086 | No | 28.11371 | 0.2 | 8.27086 |
| 24289 | GLOBAL | Cartesian | 27.91551 | 0.1 | 8.26898 | No | 27.91551 | 0.1 | 8.26898 |
| 24290 | GLOBAL | Cartesian | 27.91551 | 0.2 | 8.26898 | No | 27.91551 | 0.2 | 8.26898 |
| 24291 | GLOBAL | Cartesian | 27.71731 | 0.1 | 8.26711 | No | 27.71731 | 0.1 | 8.26711 |
| 24292 | GLOBAL | Cartesian | 27.71731 | 0.2 | 8.26711 | No | 27.71731 | 0.2 | 8.26711 |
| 24293 | GLOBAL | Cartesian | 27.51911 | 0.1 | 8.26523 | No | 27.51911 | 0.1 | 8.26523 |
| 24294 | GLOBAL | Cartesian | 27.51911 | 0.2 | 8.26523 | No | 27.51911 | 0.2 | 8.26523 |
| 24295 | GLOBAL | Cartesian | 27.3209 | 0.1 | 8.26335 | No | 27.3209 | 0.1 | 8.26335 |
| 24296 | GLOBAL | Cartesian | 27.3209 | 0.2 | 8.26335 | No | 27.3209 | 0.2 | 8.26335 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|-----|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24297 | GLOBAL | Cartesian | 27.1227 | 0.1 | 8.26147 | No | 27.1227 | 0.1 | 8.26147 |
| 24298 | GLOBAL | Cartesian | 27.1227 | 0.2 | 8.26147 | No | 27.1227 | 0.2 | 8.26147 |
| 24299 | GLOBAL | Cartesian | 27.02271 | 0.1 | 8.26053 | No | 27.02271 | 0.1 | 8.26053 |
| 24300 | GLOBAL | Cartesian | 27.02271 | 0.2 | 8.26053 | No | 27.02271 | 0.2 | 8.26053 |
| 24301 | GLOBAL | Cartesian | 26.92272 | 0.1 | 8.25958 | No | 26.92272 | 0.1 | 8.25958 |
| 24302 | GLOBAL | Cartesian | 26.92272 | 0.2 | 8.25958 | No | 26.92272 | 0.2 | 8.25958 |
| 24303 | GLOBAL | Cartesian | 26.82272 | 0.1 | 8.25778 | No | 26.82272 | 0.1 | 8.25778 |
| 24304 | GLOBAL | Cartesian | 26.82272 | 0.2 | 8.25778 | No | 26.82272 | 0.2 | 8.25778 |
| 24305 | GLOBAL | Cartesian | 26.72272 | 0.1 | 8.25599 | No | 26.72272 | 0.1 | 8.25599 |
| 24306 | GLOBAL | Cartesian | 26.72272 | 0.2 | 8.25599 | No | 26.72272 | 0.2 | 8.25599 |
| 24307 | GLOBAL | Cartesian | 26.55071 | 0.1 | 8.25279 | No | 26.55071 | 0.1 | 8.25279 |
| 24308 | GLOBAL | Cartesian | 26.55071 | 0.2 | 8.25279 | No | 26.55071 | 0.2 | 8.25279 |
| 24309 | GLOBAL | Cartesian | 26.3787 | 0.1 | 8.24959 | No | 26.3787 | 0.1 | 8.24959 |
| 24310 | GLOBAL | Cartesian | 26.3787 | 0.2 | 8.24959 | No | 26.3787 | 0.2 | 8.24959 |
| 24311 | GLOBAL | Cartesian | 26.20669 | 0.1 | 8.24639 | No | 26.20669 | 0.1 | 8.24639 |
| 24312 | GLOBAL | Cartesian | 26.20669 | 0.2 | 8.24639 | No | 26.20669 | 0.2 | 8.24639 |
| 24313 | GLOBAL | Cartesian | 26.03468 | 0.1 | 8.24319 | No | 26.03468 | 0.1 | 8.24319 |
| 24314 | GLOBAL | Cartesian | 26.03468 | 0.2 | 8.24319 | No | 26.03468 | 0.2 | 8.24319 |
| 24315 | GLOBAL | Cartesian | 25.84348 | 0.1 | 8.23963 | No | 25.84348 | 0.1 | 8.23963 |
| 24316 | GLOBAL | Cartesian | 25.84348 | 0.2 | 8.23963 | No | 25.84348 | 0.2 | 8.23963 |
| 24317 | GLOBAL | Cartesian | 25.65229 | 0.1 | 8.23607 | No | 25.65229 | 0.1 | 8.23607 |
| 24318 | GLOBAL | Cartesian | 25.65229 | 0.2 | 8.23607 | No | 25.65229 | 0.2 | 8.23607 |
| 24319 | GLOBAL | Cartesian | 25.46109 | 0.1 | 8.23252 | No | 25.46109 | 0.1 | 8.23252 |
| 24320 | GLOBAL | Cartesian | 25.46109 | 0.2 | 8.23252 | No | 25.46109 | 0.2 | 8.23252 |
| 24321 | GLOBAL | Cartesian | 25.2699 | 0.1 | 8.22896 | No | 25.2699 | 0.1 | 8.22896 |
| 24322 | GLOBAL | Cartesian | 25.2699 | 0.2 | 8.22896 | No | 25.2699 | 0.2 | 8.22896 |
| 24323 | GLOBAL | Cartesian | 25.0787 | 0.1 | 8.2254 | No | 25.0787 | 0.1 | 8.2254 |
| 24324 | GLOBAL | Cartesian | 25.0787 | 0.2 | 8.2254 | No | 25.0787 | 0.2 | 8.2254 |
| 24325 | GLOBAL | Cartesian | 24.8875 | 0.1 | 8.22184 | No | 24.8875 | 0.1 | 8.22184 |
| 24326 | GLOBAL | Cartesian | 24.8875 | 0.2 | 8.22184 | No | 24.8875 | 0.2 | 8.22184 |
| 24327 | GLOBAL | Cartesian | 24.69631 | 0.1 | 8.21829 | No | 24.69631 | 0.1 | 8.21829 |
| 24328 | GLOBAL | Cartesian | 24.69631 | 0.2 | 8.21829 | No | 24.69631 | 0.2 | 8.21829 |
| 24329 | GLOBAL | Cartesian | 24.50511 | 0.1 | 8.21473 | No | 24.50511 | 0.1 | 8.21473 |
| 24330 | GLOBAL | Cartesian | 24.50511 | 0.2 | 8.21473 | No | 24.50511 | 0.2 | 8.21473 |
| 24331 | GLOBAL | Cartesian | 24.31392 | 0.1 | 8.21117 | No | 24.31392 | 0.1 | 8.21117 |
| 24332 | GLOBAL | Cartesian | 24.31392 | 0.2 | 8.21117 | No | 24.31392 | 0.2 | 8.21117 |
| 24333 | GLOBAL | Cartesian | 24.12272 | 0.1 | 8.20761 | No | 24.12272 | 0.1 | 8.20761 |
| 24334 | GLOBAL | Cartesian | 24.12272 | 0.2 | 8.20761 | No | 24.12272 | 0.2 | 8.20761 |
| 24335 | GLOBAL | Cartesian | 24.02272 | 0.1 | 8.20575 | No | 24.02272 | 0.1 | 8.20575 |
| 24336 | GLOBAL | Cartesian | 24.02272 | 0.2 | 8.20575 | No | 24.02272 | 0.2 | 8.20575 |
| 24337 | GLOBAL | Cartesian | 23.92272 | 0.1 | 8.20389 | No | 23.92272 | 0.1 | 8.20389 |
| 24338 | GLOBAL | Cartesian | 23.92272 | 0.2 | 8.20389 | No | 23.92272 | 0.2 | 8.20389 |
| 24339 | GLOBAL | Cartesian | 23.82217 | 0.1 | 8.20116 | No | 23.82217 | 0.1 | 8.20116 |
| 24340 | GLOBAL | Cartesian | 23.82217 | 0.2 | 8.20116 | No | 23.82217 | 0.2 | 8.20116 |
| 24341 | GLOBAL | Cartesian | 23.72163 | 0.1 | 8.19843 | No | 23.72163 | 0.1 | 8.19843 |
| 24342 | GLOBAL | Cartesian | 23.72163 | 0.2 | 8.19843 | No | 23.72163 | 0.2 | 8.19843 |
| 24343 | GLOBAL | Cartesian | 23.53051 | 0.1 | 8.19313 | No | 23.53051 | 0.1 | 8.19313 |
| 24344 | GLOBAL | Cartesian | 23.53051 | 0.2 | 8.19313 | No | 23.53051 | 0.2 | 8.19313 |
| 24345 | GLOBAL | Cartesian | 23.33939 | 0.1 | 8.18782 | No | 23.33939 | 0.1 | 8.18782 |
| 24346 | GLOBAL | Cartesian | 23.33939 | 0.2 | 8.18782 | No | 23.33939 | 0.2 | 8.18782 |
| 24347 | GLOBAL | Cartesian | 23.14827 | 0.1 | 8.18252 | No | 23.14827 | 0.1 | 8.18252 |
| 24348 | GLOBAL | Cartesian | 23.14827 | 0.2 | 8.18252 | No | 23.14827 | 0.2 | 8.18252 |
| 24349 | GLOBAL | Cartesian | 22.95715 | 0.1 | 8.17722 | No | 22.95715 | 0.1 | 8.17722 |
| 24350 | GLOBAL | Cartesian | 22.95715 | 0.2 | 8.17722 | No | 22.95715 | 0.2 | 8.17722 |
| 24351 | GLOBAL | Cartesian | 22.77373 | 0.1 | 8.17213 | No | 22.77373 | 0.1 | 8.17213 |
| 24352 | GLOBAL | Cartesian | 22.77373 | 0.2 | 8.17213 | No | 22.77373 | 0.2 | 8.17213 |
| 24353 | GLOBAL | Cartesian | 22.59031 | 0.1 | 8.16704 | No | 22.59031 | 0.1 | 8.16704 |
| 24354 | GLOBAL | Cartesian | 22.59031 | 0.2 | 8.16704 | No | 22.59031 | 0.2 | 8.16704 |
| 24355 | GLOBAL | Cartesian | 22.40689 | 0.1 | 8.16195 | No | 22.40689 | 0.1 | 8.16195 |
| 24356 | GLOBAL | Cartesian | 22.40689 | 0.2 | 8.16195 | No | 22.40689 | 0.2 | 8.16195 |
| 24357 | GLOBAL | Cartesian | 22.22346 | 0.1 | 8.15687 | No | 22.22346 | 0.1 | 8.15687 |
| 24358 | GLOBAL | Cartesian | 22.22346 | 0.2 | 8.15687 | No | 22.22346 | 0.2 | 8.15687 |
| 24359 | GLOBAL | Cartesian | 22.04004 | 0.1 | 8.15178 | No | 22.04004 | 0.1 | 8.15178 |
| 24360 | GLOBAL | Cartesian | 22.04004 | 0.2 | 8.15178 | No | 22.04004 | 0.2 | 8.15178 |
| 24361 | GLOBAL | Cartesian | 21.85662 | 0.1 | 8.14669 | No | 21.85662 | 0.1 | 8.14669 |
| 24362 | GLOBAL | Cartesian | 21.85662 | 0.2 | 8.14669 | No | 21.85662 | 0.2 | 8.14669 |
| 24363 | GLOBAL | Cartesian | 21.6732 | 0.1 | 8.1416 | No | 21.6732 | 0.1 | 8.1416 |
| 24364 | GLOBAL | Cartesian | 21.6732 | 0.2 | 8.1416 | No | 21.6732 | 0.2 | 8.1416 |
| 24365 | GLOBAL | Cartesian | 21.48977 | 0.1 | 8.13651 | No | 21.48977 | 0.1 | 8.13651 |
| 24366 | GLOBAL | Cartesian | 21.48977 | 0.2 | 8.13651 | No | 21.48977 | 0.2 | 8.13651 |
| 24367 | GLOBAL | Cartesian | 21.30635 | 0.1 | 8.13142 | No | 21.30635 | 0.1 | 8.13142 |
| 24368 | GLOBAL | Cartesian | 21.30635 | 0.2 | 8.13142 | No | 21.30635 | 0.2 | 8.13142 |
| 24369 | GLOBAL | Cartesian | 21.12293 | 0.1 | 8.12633 | No | 21.12293 | 0.1 | 8.12633 |
| 24370 | GLOBAL | Cartesian | 21.12293 | 0.2 | 8.12633 | No | 21.12293 | 0.2 | 8.12633 |
| 24371 | GLOBAL | Cartesian | 21.02282 | 0.1 | 8.12356 | No | 21.02282 | 0.1 | 8.12356 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24372 | GLOBAL | Cartesian | 21.02282 | 0.2 | 8.12356 | No | 21.02282 | 0.2 | 8.12356 |
| 24373 | GLOBAL | Cartesian | 20.92272 | 0.1 | 8.12078 | No | 20.92272 | 0.1 | 8.12078 |
| 24374 | GLOBAL | Cartesian | 20.92272 | 0.2 | 8.12078 | No | 20.92272 | 0.2 | 8.12078 |
| 24375 | GLOBAL | Cartesian | 20.82255 | 0.1 | 8.11713 | No | 20.82255 | 0.1 | 8.11713 |
| 24376 | GLOBAL | Cartesian | 20.82255 | 0.2 | 8.11713 | No | 20.82255 | 0.2 | 8.11713 |
| 24377 | GLOBAL | Cartesian | 20.72238 | 0.1 | 8.11348 | No | 20.72238 | 0.1 | 8.11348 |
| 24378 | GLOBAL | Cartesian | 20.72238 | 0.2 | 8.11348 | No | 20.72238 | 0.2 | 8.11348 |
| 24379 | GLOBAL | Cartesian | 20.55378 | 0.1 | 8.10726 | No | 20.55378 | 0.1 | 8.10726 |
| 24380 | GLOBAL | Cartesian | 20.55378 | 0.2 | 8.10726 | No | 20.55378 | 0.2 | 8.10726 |
| 24381 | GLOBAL | Cartesian | 20.38518 | 0.1 | 8.10104 | No | 20.38518 | 0.1 | 8.10104 |
| 24382 | GLOBAL | Cartesian | 20.38518 | 0.2 | 8.10104 | No | 20.38518 | 0.2 | 8.10104 |
| 24383 | GLOBAL | Cartesian | 20.21658 | 0.1 | 8.09482 | No | 20.21658 | 0.1 | 8.09482 |
| 24384 | GLOBAL | Cartesian | 20.21658 | 0.2 | 8.09482 | No | 20.21658 | 0.2 | 8.09482 |
| 24385 | GLOBAL | Cartesian | 20.04798 | 0.1 | 8.08861 | No | 20.04798 | 0.1 | 8.08861 |
| 24386 | GLOBAL | Cartesian | 20.04798 | 0.2 | 8.08861 | No | 20.04798 | 0.2 | 8.08861 |
| 24387 | GLOBAL | Cartesian | 19.87938 | 0.1 | 8.08239 | No | 19.87938 | 0.1 | 8.08239 |
| 24388 | GLOBAL | Cartesian | 19.87938 | 0.2 | 8.08239 | No | 19.87938 | 0.2 | 8.08239 |
| 24389 | GLOBAL | Cartesian | 19.68422 | 0.1 | 8.07519 | No | 19.68422 | 0.1 | 8.07519 |
| 24390 | GLOBAL | Cartesian | 19.68422 | 0.2 | 8.07519 | No | 19.68422 | 0.2 | 8.07519 |
| 24391 | GLOBAL | Cartesian | 19.48906 | 0.1 | 8.06799 | No | 19.48906 | 0.1 | 8.06799 |
| 24392 | GLOBAL | Cartesian | 19.48906 | 0.2 | 8.06799 | No | 19.48906 | 0.2 | 8.06799 |
| 24393 | GLOBAL | Cartesian | 19.2939 | 0.1 | 8.06079 | No | 19.2939 | 0.1 | 8.06079 |
| 24394 | GLOBAL | Cartesian | 19.2939 | 0.2 | 8.06079 | No | 19.2939 | 0.2 | 8.06079 |
| 24395 | GLOBAL | Cartesian | 19.09873 | 0.1 | 8.05359 | No | 19.09873 | 0.1 | 8.05359 |
| 24396 | GLOBAL | Cartesian | 19.09873 | 0.2 | 8.05359 | No | 19.09873 | 0.2 | 8.05359 |
| 24397 | GLOBAL | Cartesian | 18.90357 | 0.1 | 8.04639 | No | 18.90357 | 0.1 | 8.04639 |
| 24398 | GLOBAL | Cartesian | 18.90357 | 0.2 | 8.04639 | No | 18.90357 | 0.2 | 8.04639 |
| 24399 | GLOBAL | Cartesian | 18.70841 | 0.1 | 8.0392 | No | 18.70841 | 0.1 | 8.0392 |
| 24400 | GLOBAL | Cartesian | 18.70841 | 0.2 | 8.0392 | No | 18.70841 | 0.2 | 8.0392 |
| 24401 | GLOBAL | Cartesian | 18.51325 | 0.1 | 8.032 | No | 18.51325 | 0.1 | 8.032 |
| 24402 | GLOBAL | Cartesian | 18.51325 | 0.2 | 8.032 | No | 18.51325 | 0.2 | 8.032 |
| 24403 | GLOBAL | Cartesian | 18.31808 | 0.1 | 8.0248 | No | 18.31808 | 0.1 | 8.0248 |
| 24404 | GLOBAL | Cartesian | 18.31808 | 0.2 | 8.0248 | No | 18.31808 | 0.2 | 8.0248 |
| 24405 | GLOBAL | Cartesian | 18.12292 | 0.1 | 8.0176 | No | 18.12292 | 0.1 | 8.0176 |
| 24406 | GLOBAL | Cartesian | 18.12292 | 0.2 | 8.0176 | No | 18.12292 | 0.2 | 8.0176 |
| 24407 | GLOBAL | Cartesian | 18.02282 | 0.1 | 8.01391 | No | 18.02282 | 0.1 | 8.01391 |
| 24408 | GLOBAL | Cartesian | 18.02282 | 0.2 | 8.01391 | No | 18.02282 | 0.2 | 8.01391 |
| 24409 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.01022 | No | 17.92272 | 0.1 | 8.01022 |
| 24410 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.01022 | No | 17.92272 | 0.2 | 8.01022 |
| 24411 | GLOBAL | Cartesian | 17.82272 | 0.1 | 8.00564 | No | 17.82272 | 0.1 | 8.00564 |
| 24412 | GLOBAL | Cartesian | 17.82272 | 0.2 | 8.00564 | No | 17.82272 | 0.2 | 8.00564 |
| 24413 | GLOBAL | Cartesian | 17.72272 | 0.1 | 8.00107 | No | 17.72272 | 0.1 | 8.00107 |
| 24414 | GLOBAL | Cartesian | 17.72272 | 0.2 | 8.00107 | No | 17.72272 | 0.2 | 8.00107 |
| 24415 | GLOBAL | Cartesian | 17.53613 | 0.1 | 7.99248 | No | 17.53613 | 0.1 | 7.99248 |
| 24416 | GLOBAL | Cartesian | 17.53613 | 0.2 | 7.99248 | No | 17.53613 | 0.2 | 7.99248 |
| 24417 | GLOBAL | Cartesian | 17.34954 | 0.1 | 7.98389 | No | 17.34954 | 0.1 | 7.98389 |
| 24418 | GLOBAL | Cartesian | 17.34954 | 0.2 | 7.98389 | No | 17.34954 | 0.2 | 7.98389 |
| 24419 | GLOBAL | Cartesian | 17.16294 | 0.1 | 7.9753 | No | 17.16294 | 0.1 | 7.9753 |
| 24420 | GLOBAL | Cartesian | 17.16294 | 0.2 | 7.9753 | No | 17.16294 | 0.2 | 7.9753 |
| 24421 | GLOBAL | Cartesian | 16.97635 | 0.1 | 7.96671 | No | 16.97635 | 0.1 | 7.96671 |
| 24422 | GLOBAL | Cartesian | 16.97635 | 0.2 | 7.96671 | No | 16.97635 | 0.2 | 7.96671 |
| 24423 | GLOBAL | Cartesian | 16.78976 | 0.1 | 7.95812 | No | 16.78976 | 0.1 | 7.95812 |
| 24424 | GLOBAL | Cartesian | 16.78976 | 0.2 | 7.95812 | No | 16.78976 | 0.2 | 7.95812 |
| 24425 | GLOBAL | Cartesian | 16.60455 | 0.1 | 7.9496 | No | 16.60455 | 0.1 | 7.9496 |
| 24426 | GLOBAL | Cartesian | 16.60455 | 0.2 | 7.9496 | No | 16.60455 | 0.2 | 7.9496 |
| 24427 | GLOBAL | Cartesian | 16.41935 | 0.1 | 7.94107 | No | 16.41935 | 0.1 | 7.94107 |
| 24428 | GLOBAL | Cartesian | 16.41935 | 0.2 | 7.94107 | No | 16.41935 | 0.2 | 7.94107 |
| 24429 | GLOBAL | Cartesian | 16.23415 | 0.1 | 7.93255 | No | 16.23415 | 0.1 | 7.93255 |
| 24430 | GLOBAL | Cartesian | 16.23415 | 0.2 | 7.93255 | No | 16.23415 | 0.2 | 7.93255 |
| 24431 | GLOBAL | Cartesian | 16.04894 | 0.1 | 7.92402 | No | 16.04894 | 0.1 | 7.92402 |
| 24432 | GLOBAL | Cartesian | 16.04894 | 0.2 | 7.92402 | No | 16.04894 | 0.2 | 7.92402 |
| 24433 | GLOBAL | Cartesian | 15.86374 | 0.1 | 7.9155 | No | 15.86374 | 0.1 | 7.9155 |
| 24434 | GLOBAL | Cartesian | 15.86374 | 0.2 | 7.9155 | No | 15.86374 | 0.2 | 7.9155 |
| 24435 | GLOBAL | Cartesian | 15.67853 | 0.1 | 7.90697 | No | 15.67853 | 0.1 | 7.90697 |
| 24436 | GLOBAL | Cartesian | 15.67853 | 0.2 | 7.90697 | No | 15.67853 | 0.2 | 7.90697 |
| 24437 | GLOBAL | Cartesian | 15.49333 | 0.1 | 7.89845 | No | 15.49333 | 0.1 | 7.89845 |
| 24438 | GLOBAL | Cartesian | 15.49333 | 0.2 | 7.89845 | No | 15.49333 | 0.2 | 7.89845 |
| 24439 | GLOBAL | Cartesian | 15.30813 | 0.1 | 7.88992 | No | 15.30813 | 0.1 | 7.88992 |
| 24440 | GLOBAL | Cartesian | 15.30813 | 0.2 | 7.88992 | No | 15.30813 | 0.2 | 7.88992 |
| 24441 | GLOBAL | Cartesian | 15.12292 | 0.1 | 7.8814 | No | 15.12292 | 0.1 | 7.8814 |
| 24442 | GLOBAL | Cartesian | 15.12292 | 0.2 | 7.8814 | No | 15.12292 | 0.2 | 7.8814 |
| 24443 | GLOBAL | Cartesian | 15.02282 | 0.1 | 7.87679 | No | 15.02282 | 0.1 | 7.87679 |
| 24444 | GLOBAL | Cartesian | 15.02282 | 0.2 | 7.87679 | No | 15.02282 | 0.2 | 7.87679 |
| 24445 | GLOBAL | Cartesian | 31.23984 | -0.1 | 8.28784 | No | 31.23984 | -0.1 | 8.28784 |
| 24446 | GLOBAL | Cartesian | 31.23984 | -0.2 | 8.28784 | No | 31.23984 | -0.2 | 8.28784 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24447 | GLOBAL | Cartesian | 31.05697 | -0.1 | 8.28784 | No | 31.05697 | -0.1 | 8.28784 |
| 24448 | GLOBAL | Cartesian | 31.05697 | -0.2 | 8.28784 | No | 31.05697 | -0.2 | 8.28784 |
| 24449 | GLOBAL | Cartesian | 30.87409 | -0.1 | 8.28784 | No | 30.87409 | -0.1 | 8.28784 |
| 24450 | GLOBAL | Cartesian | 30.87409 | -0.2 | 8.28784 | No | 30.87409 | -0.2 | 8.28784 |
| 24451 | GLOBAL | Cartesian | 30.69121 | -0.1 | 8.28784 | No | 30.69121 | -0.1 | 8.28784 |
| 24452 | GLOBAL | Cartesian | 30.69121 | -0.2 | 8.28784 | No | 30.69121 | -0.2 | 8.28784 |
| 24453 | GLOBAL | Cartesian | 30.50172 | -0.1 | 8.28784 | No | 30.50172 | -0.1 | 8.28784 |
| 24454 | GLOBAL | Cartesian | 30.50172 | -0.2 | 8.28784 | No | 30.50172 | -0.2 | 8.28784 |
| 24455 | GLOBAL | Cartesian | 30.31222 | -0.1 | 8.28784 | No | 30.31222 | -0.1 | 8.28784 |
| 24456 | GLOBAL | Cartesian | 30.31222 | -0.2 | 8.28784 | No | 30.31222 | -0.2 | 8.28784 |
| 24457 | GLOBAL | Cartesian | 30.12272 | -0.1 | 8.28784 | No | 30.12272 | -0.1 | 8.28784 |
| 24458 | GLOBAL | Cartesian | 30.12272 | -0.2 | 8.28784 | No | 30.12272 | -0.2 | 8.28784 |
| 24459 | GLOBAL | Cartesian | 30.02272 | -0.1 | 8.28784 | No | 30.02272 | -0.1 | 8.28784 |
| 24460 | GLOBAL | Cartesian | 30.02272 | -0.2 | 8.28784 | No | 30.02272 | -0.2 | 8.28784 |
| 24461 | GLOBAL | Cartesian | 29.92272 | -0.1 | 8.28784 | No | 29.92272 | -0.1 | 8.28784 |
| 24462 | GLOBAL | Cartesian | 29.92272 | -0.2 | 8.28784 | No | 29.92272 | -0.2 | 8.28784 |
| 24463 | GLOBAL | Cartesian | 29.82272 | -0.1 | 8.28697 | No | 29.82272 | -0.1 | 8.28697 |
| 24464 | GLOBAL | Cartesian | 29.82272 | -0.2 | 8.28697 | No | 29.82272 | -0.2 | 8.28697 |
| 24465 | GLOBAL | Cartesian | 29.72272 | -0.1 | 8.2861 | No | 29.72272 | -0.1 | 8.2861 |
| 24466 | GLOBAL | Cartesian | 29.72272 | -0.2 | 8.2861 | No | 29.72272 | -0.2 | 8.2861 |
| 24467 | GLOBAL | Cartesian | 29.56822 | -0.1 | 8.28464 | No | 29.56822 | -0.1 | 8.28464 |
| 24468 | GLOBAL | Cartesian | 29.56822 | -0.2 | 8.28464 | No | 29.56822 | -0.2 | 8.28464 |
| 24469 | GLOBAL | Cartesian | 29.41372 | -0.1 | 8.28317 | No | 29.41372 | -0.1 | 8.28317 |
| 24470 | GLOBAL | Cartesian | 29.41372 | -0.2 | 8.28317 | No | 29.41372 | -0.2 | 8.28317 |
| 24471 | GLOBAL | Cartesian | 29.25922 | -0.1 | 8.28171 | No | 29.25922 | -0.1 | 8.28171 |
| 24472 | GLOBAL | Cartesian | 29.25922 | -0.2 | 8.28171 | No | 29.25922 | -0.2 | 8.28171 |
| 24473 | GLOBAL | Cartesian | 29.10472 | -0.1 | 8.28025 | No | 29.10472 | -0.1 | 8.28025 |
| 24474 | GLOBAL | Cartesian | 29.10472 | -0.2 | 8.28025 | No | 29.10472 | -0.2 | 8.28025 |
| 24475 | GLOBAL | Cartesian | 28.90651 | -0.1 | 8.27837 | No | 28.90651 | -0.1 | 8.27837 |
| 24476 | GLOBAL | Cartesian | 28.90651 | -0.2 | 8.27837 | No | 28.90651 | -0.2 | 8.27837 |
| 24477 | GLOBAL | Cartesian | 28.70831 | -0.1 | 8.27649 | No | 28.70831 | -0.1 | 8.27649 |
| 24478 | GLOBAL | Cartesian | 28.70831 | -0.2 | 8.27649 | No | 28.70831 | -0.2 | 8.27649 |
| 24479 | GLOBAL | Cartesian | 28.51011 | -0.1 | 8.27462 | No | 28.51011 | -0.1 | 8.27462 |
| 24480 | GLOBAL | Cartesian | 28.51011 | -0.2 | 8.27462 | No | 28.51011 | -0.2 | 8.27462 |
| 24481 | GLOBAL | Cartesian | 28.31191 | -0.1 | 8.27274 | No | 28.31191 | -0.1 | 8.27274 |
| 24482 | GLOBAL | Cartesian | 28.31191 | -0.2 | 8.27274 | No | 28.31191 | -0.2 | 8.27274 |
| 24483 | GLOBAL | Cartesian | 28.11371 | -0.1 | 8.27086 | No | 28.11371 | -0.1 | 8.27086 |
| 24484 | GLOBAL | Cartesian | 28.11371 | -0.2 | 8.27086 | No | 28.11371 | -0.2 | 8.27086 |
| 24485 | GLOBAL | Cartesian | 27.91551 | -0.1 | 8.26898 | No | 27.91551 | -0.1 | 8.26898 |
| 24486 | GLOBAL | Cartesian | 27.91551 | -0.2 | 8.26898 | No | 27.91551 | -0.2 | 8.26898 |
| 24487 | GLOBAL | Cartesian | 27.71731 | -0.1 | 8.26711 | No | 27.71731 | -0.1 | 8.26711 |
| 24488 | GLOBAL | Cartesian | 27.71731 | -0.2 | 8.26711 | No | 27.71731 | -0.2 | 8.26711 |
| 24489 | GLOBAL | Cartesian | 27.51911 | -0.1 | 8.26523 | No | 27.51911 | -0.1 | 8.26523 |
| 24490 | GLOBAL | Cartesian | 27.51911 | -0.2 | 8.26523 | No | 27.51911 | -0.2 | 8.26523 |
| 24491 | GLOBAL | Cartesian | 27.3209 | -0.1 | 8.26335 | No | 27.3209 | -0.1 | 8.26335 |
| 24492 | GLOBAL | Cartesian | 27.3209 | -0.2 | 8.26335 | No | 27.3209 | -0.2 | 8.26335 |
| 24493 | GLOBAL | Cartesian | 27.1227 | -0.1 | 8.26147 | No | 27.1227 | -0.1 | 8.26147 |
| 24494 | GLOBAL | Cartesian | 27.1227 | -0.2 | 8.26147 | No | 27.1227 | -0.2 | 8.26147 |
| 24495 | GLOBAL | Cartesian | 27.02271 | -0.1 | 8.26053 | No | 27.02271 | -0.1 | 8.26053 |
| 24496 | GLOBAL | Cartesian | 27.02271 | -0.2 | 8.26053 | No | 27.02271 | -0.2 | 8.26053 |
| 24497 | GLOBAL | Cartesian | 26.92272 | -0.1 | 8.25958 | No | 26.92272 | -0.1 | 8.25958 |
| 24498 | GLOBAL | Cartesian | 26.92272 | -0.2 | 8.25958 | No | 26.92272 | -0.2 | 8.25958 |
| 24499 | GLOBAL | Cartesian | 26.82272 | -0.1 | 8.25778 | No | 26.82272 | -0.1 | 8.25778 |
| 24500 | GLOBAL | Cartesian | 26.82272 | -0.2 | 8.25778 | No | 26.82272 | -0.2 | 8.25778 |
| 24501 | GLOBAL | Cartesian | 26.72272 | -0.1 | 8.25599 | No | 26.72272 | -0.1 | 8.25599 |
| 24502 | GLOBAL | Cartesian | 26.72272 | -0.2 | 8.25599 | No | 26.72272 | -0.2 | 8.25599 |
| 24503 | GLOBAL | Cartesian | 26.55071 | -0.1 | 8.25279 | No | 26.55071 | -0.1 | 8.25279 |
| 24504 | GLOBAL | Cartesian | 26.55071 | -0.2 | 8.25279 | No | 26.55071 | -0.2 | 8.25279 |
| 24505 | GLOBAL | Cartesian | 26.3787 | -0.1 | 8.24959 | No | 26.3787 | -0.1 | 8.24959 |
| 24506 | GLOBAL | Cartesian | 26.3787 | -0.2 | 8.24959 | No | 26.3787 | -0.2 | 8.24959 |
| 24507 | GLOBAL | Cartesian | 26.20669 | -0.1 | 8.24639 | No | 26.20669 | -0.1 | 8.24639 |
| 24508 | GLOBAL | Cartesian | 26.20669 | -0.2 | 8.24639 | No | 26.20669 | -0.2 | 8.24639 |
| 24509 | GLOBAL | Cartesian | 26.03468 | -0.1 | 8.24319 | No | 26.03468 | -0.1 | 8.24319 |
| 24510 | GLOBAL | Cartesian | 26.03468 | -0.2 | 8.24319 | No | 26.03468 | -0.2 | 8.24319 |
| 24511 | GLOBAL | Cartesian | 25.84348 | -0.1 | 8.23963 | No | 25.84348 | -0.1 | 8.23963 |
| 24512 | GLOBAL | Cartesian | 25.84348 | -0.2 | 8.23963 | No | 25.84348 | -0.2 | 8.23963 |
| 24513 | GLOBAL | Cartesian | 25.65229 | -0.1 | 8.23607 | No | 25.65229 | -0.1 | 8.23607 |
| 24514 | GLOBAL | Cartesian | 25.65229 | -0.2 | 8.23607 | No | 25.65229 | -0.2 | 8.23607 |
| 24515 | GLOBAL | Cartesian | 25.46109 | -0.1 | 8.23252 | No | 25.46109 | -0.1 | 8.23252 |
| 24516 | GLOBAL | Cartesian | 25.46109 | -0.2 | 8.23252 | No | 25.46109 | -0.2 | 8.23252 |
| 24517 | GLOBAL | Cartesian | 25.2699 | -0.1 | 8.22896 | No | 25.2699 | -0.1 | 8.22896 |
| 24518 | GLOBAL | Cartesian | 25.2699 | -0.2 | 8.22896 | No | 25.2699 | -0.2 | 8.22896 |
| 24519 | GLOBAL | Cartesian | 25.0787 | -0.1 | 8.2254 | No | 25.0787 | -0.1 | 8.2254 |
| 24520 | GLOBAL | Cartesian | 25.0787 | -0.2 | 8.2254 | No | 25.0787 | -0.2 | 8.2254 |
| 24521 | GLOBAL | Cartesian | 24.8875 | -0.1 | 8.22184 | No | 24.8875 | -0.1 | 8.22184 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24522 | GLOBAL | Cartesian | 24.8875 | -0.2 | 8.22184 | No | 24.8875 | -0.2 | 8.22184 |
| 24523 | GLOBAL | Cartesian | 24.69631 | -0.1 | 8.21829 | No | 24.69631 | -0.1 | 8.21829 |
| 24524 | GLOBAL | Cartesian | 24.69631 | -0.2 | 8.21829 | No | 24.69631 | -0.2 | 8.21829 |
| 24525 | GLOBAL | Cartesian | 24.50511 | -0.1 | 8.21473 | No | 24.50511 | -0.1 | 8.21473 |
| 24526 | GLOBAL | Cartesian | 24.50511 | -0.2 | 8.21473 | No | 24.50511 | -0.2 | 8.21473 |
| 24527 | GLOBAL | Cartesian | 24.31392 | -0.1 | 8.21117 | No | 24.31392 | -0.1 | 8.21117 |
| 24528 | GLOBAL | Cartesian | 24.31392 | -0.2 | 8.21117 | No | 24.31392 | -0.2 | 8.21117 |
| 24529 | GLOBAL | Cartesian | 24.12272 | -0.1 | 8.20761 | No | 24.12272 | -0.1 | 8.20761 |
| 24530 | GLOBAL | Cartesian | 24.12272 | -0.2 | 8.20761 | No | 24.12272 | -0.2 | 8.20761 |
| 24531 | GLOBAL | Cartesian | 24.02272 | -0.1 | 8.20575 | No | 24.02272 | -0.1 | 8.20575 |
| 24532 | GLOBAL | Cartesian | 24.02272 | -0.2 | 8.20575 | No | 24.02272 | -0.2 | 8.20575 |
| 24533 | GLOBAL | Cartesian | 23.92272 | -0.1 | 8.20389 | No | 23.92272 | -0.1 | 8.20389 |
| 24534 | GLOBAL | Cartesian | 23.92272 | -0.2 | 8.20389 | No | 23.92272 | -0.2 | 8.20389 |
| 24535 | GLOBAL | Cartesian | 23.82217 | -0.1 | 8.20116 | No | 23.82217 | -0.1 | 8.20116 |
| 24536 | GLOBAL | Cartesian | 23.82217 | -0.2 | 8.20116 | No | 23.82217 | -0.2 | 8.20116 |
| 24537 | GLOBAL | Cartesian | 23.72163 | -0.1 | 8.19843 | No | 23.72163 | -0.1 | 8.19843 |
| 24538 | GLOBAL | Cartesian | 23.72163 | -0.2 | 8.19843 | No | 23.72163 | -0.2 | 8.19843 |
| 24539 | GLOBAL | Cartesian | 23.53051 | -0.1 | 8.19313 | No | 23.53051 | -0.1 | 8.19313 |
| 24540 | GLOBAL | Cartesian | 23.53051 | -0.2 | 8.19313 | No | 23.53051 | -0.2 | 8.19313 |
| 24541 | GLOBAL | Cartesian | 23.33939 | -0.1 | 8.18782 | No | 23.33939 | -0.1 | 8.18782 |
| 24542 | GLOBAL | Cartesian | 23.33939 | -0.2 | 8.18782 | No | 23.33939 | -0.2 | 8.18782 |
| 24543 | GLOBAL | Cartesian | 23.14827 | -0.1 | 8.18252 | No | 23.14827 | -0.1 | 8.18252 |
| 24544 | GLOBAL | Cartesian | 23.14827 | -0.2 | 8.18252 | No | 23.14827 | -0.2 | 8.18252 |
| 24545 | GLOBAL | Cartesian | 22.95715 | -0.1 | 8.17722 | No | 22.95715 | -0.1 | 8.17722 |
| 24546 | GLOBAL | Cartesian | 22.95715 | -0.2 | 8.17722 | No | 22.95715 | -0.2 | 8.17722 |
| 24547 | GLOBAL | Cartesian | 22.77373 | -0.1 | 8.17213 | No | 22.77373 | -0.1 | 8.17213 |
| 24548 | GLOBAL | Cartesian | 22.77373 | -0.2 | 8.17213 | No | 22.77373 | -0.2 | 8.17213 |
| 24549 | GLOBAL | Cartesian | 22.59031 | -0.1 | 8.16704 | No | 22.59031 | -0.1 | 8.16704 |
| 24550 | GLOBAL | Cartesian | 22.59031 | -0.2 | 8.16704 | No | 22.59031 | -0.2 | 8.16704 |
| 24551 | GLOBAL | Cartesian | 22.40689 | -0.1 | 8.16195 | No | 22.40689 | -0.1 | 8.16195 |
| 24552 | GLOBAL | Cartesian | 22.40689 | -0.2 | 8.16195 | No | 22.40689 | -0.2 | 8.16195 |
| 24553 | GLOBAL | Cartesian | 22.22346 | -0.1 | 8.15687 | No | 22.22346 | -0.1 | 8.15687 |
| 24554 | GLOBAL | Cartesian | 22.22346 | -0.2 | 8.15687 | No | 22.22346 | -0.2 | 8.15687 |
| 24555 | GLOBAL | Cartesian | 22.04004 | -0.1 | 8.15178 | No | 22.04004 | -0.1 | 8.15178 |
| 24556 | GLOBAL | Cartesian | 22.04004 | -0.2 | 8.15178 | No | 22.04004 | -0.2 | 8.15178 |
| 24557 | GLOBAL | Cartesian | 21.85662 | -0.1 | 8.14669 | No | 21.85662 | -0.1 | 8.14669 |
| 24558 | GLOBAL | Cartesian | 21.85662 | -0.2 | 8.14669 | No | 21.85662 | -0.2 | 8.14669 |
| 24559 | GLOBAL | Cartesian | 21.6732 | -0.1 | 8.1416 | No | 21.6732 | -0.1 | 8.1416 |
| 24560 | GLOBAL | Cartesian | 21.6732 | -0.2 | 8.1416 | No | 21.6732 | -0.2 | 8.1416 |
| 24561 | GLOBAL | Cartesian | 21.48977 | -0.1 | 8.13651 | No | 21.48977 | -0.1 | 8.13651 |
| 24562 | GLOBAL | Cartesian | 21.48977 | -0.2 | 8.13651 | No | 21.48977 | -0.2 | 8.13651 |
| 24563 | GLOBAL | Cartesian | 21.30635 | -0.1 | 8.13142 | No | 21.30635 | -0.1 | 8.13142 |
| 24564 | GLOBAL | Cartesian | 21.30635 | -0.2 | 8.13142 | No | 21.30635 | -0.2 | 8.13142 |
| 24565 | GLOBAL | Cartesian | 21.12293 | -0.1 | 8.12633 | No | 21.12293 | -0.1 | 8.12633 |
| 24566 | GLOBAL | Cartesian | 21.12293 | -0.2 | 8.12633 | No | 21.12293 | -0.2 | 8.12633 |
| 24567 | GLOBAL | Cartesian | 21.02282 | -0.1 | 8.12356 | No | 21.02282 | -0.1 | 8.12356 |
| 24568 | GLOBAL | Cartesian | 21.02282 | -0.2 | 8.12356 | No | 21.02282 | -0.2 | 8.12356 |
| 24569 | GLOBAL | Cartesian | 20.92272 | -0.1 | 8.12078 | No | 20.92272 | -0.1 | 8.12078 |
| 24570 | GLOBAL | Cartesian | 20.92272 | -0.2 | 8.12078 | No | 20.92272 | -0.2 | 8.12078 |
| 24571 | GLOBAL | Cartesian | 20.82255 | -0.1 | 8.11713 | No | 20.82255 | -0.1 | 8.11713 |
| 24572 | GLOBAL | Cartesian | 20.82255 | -0.2 | 8.11713 | No | 20.82255 | -0.2 | 8.11713 |
| 24573 | GLOBAL | Cartesian | 20.72238 | -0.1 | 8.11348 | No | 20.72238 | -0.1 | 8.11348 |
| 24574 | GLOBAL | Cartesian | 20.72238 | -0.2 | 8.11348 | No | 20.72238 | -0.2 | 8.11348 |
| 24575 | GLOBAL | Cartesian | 20.55378 | -0.1 | 8.10726 | No | 20.55378 | -0.1 | 8.10726 |
| 24576 | GLOBAL | Cartesian | 20.55378 | -0.2 | 8.10726 | No | 20.55378 | -0.2 | 8.10726 |
| 24577 | GLOBAL | Cartesian | 20.38518 | -0.1 | 8.10104 | No | 20.38518 | -0.1 | 8.10104 |
| 24578 | GLOBAL | Cartesian | 20.38518 | -0.2 | 8.10104 | No | 20.38518 | -0.2 | 8.10104 |
| 24579 | GLOBAL | Cartesian | 20.21658 | -0.1 | 8.09482 | No | 20.21658 | -0.1 | 8.09482 |
| 24580 | GLOBAL | Cartesian | 20.21658 | -0.2 | 8.09482 | No | 20.21658 | -0.2 | 8.09482 |
| 24581 | GLOBAL | Cartesian | 20.04798 | -0.1 | 8.08861 | No | 20.04798 | -0.1 | 8.08861 |
| 24582 | GLOBAL | Cartesian | 20.04798 | -0.2 | 8.08861 | No | 20.04798 | -0.2 | 8.08861 |
| 24583 | GLOBAL | Cartesian | 19.87938 | -0.1 | 8.08239 | No | 19.87938 | -0.1 | 8.08239 |
| 24584 | GLOBAL | Cartesian | 19.87938 | -0.2 | 8.08239 | No | 19.87938 | -0.2 | 8.08239 |
| 24585 | GLOBAL | Cartesian | 19.68422 | -0.1 | 8.07519 | No | 19.68422 | -0.1 | 8.07519 |
| 24586 | GLOBAL | Cartesian | 19.68422 | -0.2 | 8.07519 | No | 19.68422 | -0.2 | 8.07519 |
| 24587 | GLOBAL | Cartesian | 19.48906 | -0.1 | 8.06799 | No | 19.48906 | -0.1 | 8.06799 |
| 24588 | GLOBAL | Cartesian | 19.48906 | -0.2 | 8.06799 | No | 19.48906 | -0.2 | 8.06799 |
| 24589 | GLOBAL | Cartesian | 19.2939 | -0.1 | 8.06079 | No | 19.2939 | -0.1 | 8.06079 |
| 24590 | GLOBAL | Cartesian | 19.2939 | -0.2 | 8.06079 | No | 19.2939 | -0.2 | 8.06079 |
| 24591 | GLOBAL | Cartesian | 19.09873 | -0.1 | 8.05359 | No | 19.09873 | -0.1 | 8.05359 |
| 24592 | GLOBAL | Cartesian | 19.09873 | -0.2 | 8.05359 | No | 19.09873 | -0.2 | 8.05359 |
| 24593 | GLOBAL | Cartesian | 18.90357 | -0.1 | 8.04639 | No | 18.90357 | -0.1 | 8.04639 |
| 24594 | GLOBAL | Cartesian | 18.90357 | -0.2 | 8.04639 | No | 18.90357 | -0.2 | 8.04639 |
| 24595 | GLOBAL | Cartesian | 18.70841 | -0.1 | 8.0392 | No | 18.70841 | -0.1 | 8.0392 |
| 24596 | GLOBAL | Cartesian | 18.70841 | -0.2 | 8.0392 | No | 18.70841 | -0.2 | 8.0392 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24597 | GLOBAL | Cartesian | 18.51325 | -0.1 | 8.032 | No | 18.51325 | -0.1 | 8.032 |
| 24598 | GLOBAL | Cartesian | 18.51325 | -0.2 | 8.032 | No | 18.51325 | -0.2 | 8.032 |
| 24599 | GLOBAL | Cartesian | 18.31808 | -0.1 | 8.0248 | No | 18.31808 | -0.1 | 8.0248 |
| 24600 | GLOBAL | Cartesian | 18.31808 | -0.2 | 8.0248 | No | 18.31808 | -0.2 | 8.0248 |
| 24601 | GLOBAL | Cartesian | 18.12292 | -0.1 | 8.0176 | No | 18.12292 | -0.1 | 8.0176 |
| 24602 | GLOBAL | Cartesian | 18.12292 | -0.2 | 8.0176 | No | 18.12292 | -0.2 | 8.0176 |
| 24603 | GLOBAL | Cartesian | 18.02282 | -0.1 | 8.01391 | No | 18.02282 | -0.1 | 8.01391 |
| 24604 | GLOBAL | Cartesian | 18.02282 | -0.2 | 8.01391 | No | 18.02282 | -0.2 | 8.01391 |
| 24605 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.01022 | No | 17.92272 | -0.1 | 8.01022 |
| 24606 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.01022 | No | 17.92272 | -0.2 | 8.01022 |
| 24607 | GLOBAL | Cartesian | 17.82272 | -0.1 | 8.00564 | No | 17.82272 | -0.1 | 8.00564 |
| 24608 | GLOBAL | Cartesian | 17.82272 | -0.2 | 8.00564 | No | 17.82272 | -0.2 | 8.00564 |
| 24609 | GLOBAL | Cartesian | 17.72272 | -0.1 | 8.00107 | No | 17.72272 | -0.1 | 8.00107 |
| 24610 | GLOBAL | Cartesian | 17.72272 | -0.2 | 8.00107 | No | 17.72272 | -0.2 | 8.00107 |
| 24611 | GLOBAL | Cartesian | 17.53613 | -0.1 | 7.99248 | No | 17.53613 | -0.1 | 7.99248 |
| 24612 | GLOBAL | Cartesian | 17.53613 | -0.2 | 7.99248 | No | 17.53613 | -0.2 | 7.99248 |
| 24613 | GLOBAL | Cartesian | 17.34954 | -0.1 | 7.98389 | No | 17.34954 | -0.1 | 7.98389 |
| 24614 | GLOBAL | Cartesian | 17.34954 | -0.2 | 7.98389 | No | 17.34954 | -0.2 | 7.98389 |
| 24615 | GLOBAL | Cartesian | 17.16294 | -0.1 | 7.9753 | No | 17.16294 | -0.1 | 7.9753 |
| 24616 | GLOBAL | Cartesian | 17.16294 | -0.2 | 7.9753 | No | 17.16294 | -0.2 | 7.9753 |
| 24617 | GLOBAL | Cartesian | 16.97635 | -0.1 | 7.96671 | No | 16.97635 | -0.1 | 7.96671 |
| 24618 | GLOBAL | Cartesian | 16.97635 | -0.2 | 7.96671 | No | 16.97635 | -0.2 | 7.96671 |
| 24619 | GLOBAL | Cartesian | 16.78976 | -0.1 | 7.95812 | No | 16.78976 | -0.1 | 7.95812 |
| 24620 | GLOBAL | Cartesian | 16.78976 | -0.2 | 7.95812 | No | 16.78976 | -0.2 | 7.95812 |
| 24621 | GLOBAL | Cartesian | 16.60455 | -0.1 | 7.9496 | No | 16.60455 | -0.1 | 7.9496 |
| 24622 | GLOBAL | Cartesian | 16.60455 | -0.2 | 7.9496 | No | 16.60455 | -0.2 | 7.9496 |
| 24623 | GLOBAL | Cartesian | 16.41935 | -0.1 | 7.94107 | No | 16.41935 | -0.1 | 7.94107 |
| 24624 | GLOBAL | Cartesian | 16.41935 | -0.2 | 7.94107 | No | 16.41935 | -0.2 | 7.94107 |
| 24625 | GLOBAL | Cartesian | 16.23415 | -0.1 | 7.93255 | No | 16.23415 | -0.1 | 7.93255 |
| 24626 | GLOBAL | Cartesian | 16.23415 | -0.2 | 7.93255 | No | 16.23415 | -0.2 | 7.93255 |
| 24627 | GLOBAL | Cartesian | 16.04894 | -0.1 | 7.92402 | No | 16.04894 | -0.1 | 7.92402 |
| 24628 | GLOBAL | Cartesian | 16.04894 | -0.2 | 7.92402 | No | 16.04894 | -0.2 | 7.92402 |
| 24629 | GLOBAL | Cartesian | 15.86374 | -0.1 | 7.9155 | No | 15.86374 | -0.1 | 7.9155 |
| 24630 | GLOBAL | Cartesian | 15.86374 | -0.2 | 7.9155 | No | 15.86374 | -0.2 | 7.9155 |
| 24631 | GLOBAL | Cartesian | 15.67853 | -0.1 | 7.90697 | No | 15.67853 | -0.1 | 7.90697 |
| 24632 | GLOBAL | Cartesian | 15.67853 | -0.2 | 7.90697 | No | 15.67853 | -0.2 | 7.90697 |
| 24633 | GLOBAL | Cartesian | 15.49333 | -0.1 | 7.89845 | No | 15.49333 | -0.1 | 7.89845 |
| 24634 | GLOBAL | Cartesian | 15.49333 | -0.2 | 7.89845 | No | 15.49333 | -0.2 | 7.89845 |
| 24635 | GLOBAL | Cartesian | 15.30813 | -0.1 | 7.88992 | No | 15.30813 | -0.1 | 7.88992 |
| 24636 | GLOBAL | Cartesian | 15.30813 | -0.2 | 7.88992 | No | 15.30813 | -0.2 | 7.88992 |
| 24637 | GLOBAL | Cartesian | 15.12292 | -0.1 | 7.8814 | No | 15.12292 | -0.1 | 7.8814 |
| 24638 | GLOBAL | Cartesian | 15.12292 | -0.2 | 7.8814 | No | 15.12292 | -0.2 | 7.8814 |
| 24639 | GLOBAL | Cartesian | 15.02282 | -0.1 | 7.87679 | No | 15.02282 | -0.1 | 7.87679 |
| 24640 | GLOBAL | Cartesian | 15.02282 | -0.2 | 7.87679 | No | 15.02282 | -0.2 | 7.87679 |
| 24641 | GLOBAL | Cartesian | 14.92272 | -0.1 | 7.87218 | No | 14.92272 | -0.1 | 7.87218 |
| 24642 | GLOBAL | Cartesian | 14.92272 | -0.2 | 7.87218 | No | 14.92272 | -0.2 | 7.87218 |
| 24643 | GLOBAL | Cartesian | 14.73361 | -0.1 | 7.86176 | No | 14.73361 | -0.1 | 7.86176 |
| 24644 | GLOBAL | Cartesian | 14.73361 | -0.2 | 7.86176 | No | 14.73361 | -0.2 | 7.86176 |
| 24645 | GLOBAL | Cartesian | 14.54622 | -0.1 | 7.85142 | No | 14.54622 | -0.1 | 7.85142 |
| 24646 | GLOBAL | Cartesian | 14.54622 | -0.2 | 7.85142 | No | 14.54622 | -0.2 | 7.85142 |
| 24647 | GLOBAL | Cartesian | 14.35883 | -0.1 | 7.84107 | No | 14.35883 | -0.1 | 7.84107 |
| 24648 | GLOBAL | Cartesian | 14.35883 | -0.2 | 7.84107 | No | 14.35883 | -0.2 | 7.84107 |
| 24649 | GLOBAL | Cartesian | 14.17143 | -0.1 | 7.83073 | No | 14.17143 | -0.1 | 7.83073 |
| 24650 | GLOBAL | Cartesian | 14.17143 | -0.2 | 7.83073 | No | 14.17143 | -0.2 | 7.83073 |
| 24651 | GLOBAL | Cartesian | 13.98404 | -0.1 | 7.82039 | No | 13.98404 | -0.1 | 7.82039 |
| 24652 | GLOBAL | Cartesian | 13.98404 | -0.2 | 7.82039 | No | 13.98404 | -0.2 | 7.82039 |
| 24653 | GLOBAL | Cartesian | 13.79665 | -0.1 | 7.81004 | No | 13.79665 | -0.1 | 7.81004 |
| 24654 | GLOBAL | Cartesian | 13.79665 | -0.2 | 7.81004 | No | 13.79665 | -0.2 | 7.81004 |
| 24655 | GLOBAL | Cartesian | 13.60926 | -0.1 | 7.7997 | No | 13.60926 | -0.1 | 7.7997 |
| 24656 | GLOBAL | Cartesian | 13.60926 | -0.2 | 7.7997 | No | 13.60926 | -0.2 | 7.7997 |
| 24657 | GLOBAL | Cartesian | 13.42186 | -0.1 | 7.78936 | No | 13.42186 | -0.1 | 7.78936 |
| 24658 | GLOBAL | Cartesian | 13.42186 | -0.2 | 7.78936 | No | 13.42186 | -0.2 | 7.78936 |
| 24659 | GLOBAL | Cartesian | 13.23447 | -0.1 | 7.77902 | No | 13.23447 | -0.1 | 7.77902 |
| 24660 | GLOBAL | Cartesian | 13.23447 | -0.2 | 7.77902 | No | 13.23447 | -0.2 | 7.77902 |
| 24661 | GLOBAL | Cartesian | 13.04708 | -0.1 | 7.76867 | No | 13.04708 | -0.1 | 7.76867 |
| 24662 | GLOBAL | Cartesian | 13.04708 | -0.2 | 7.76867 | No | 13.04708 | -0.2 | 7.76867 |
| 24663 | GLOBAL | Cartesian | 12.85968 | -0.1 | 7.75833 | No | 12.85968 | -0.1 | 7.75833 |
| 24664 | GLOBAL | Cartesian | 12.85968 | -0.2 | 7.75833 | No | 12.85968 | -0.2 | 7.75833 |
| 24665 | GLOBAL | Cartesian | 12.67229 | -0.1 | 7.74799 | No | 12.67229 | -0.1 | 7.74799 |
| 24666 | GLOBAL | Cartesian | 12.67229 | -0.2 | 7.74799 | No | 12.67229 | -0.2 | 7.74799 |
| 24667 | GLOBAL | Cartesian | 12.4849 | -0.1 | 7.73764 | No | 12.4849 | -0.1 | 7.73764 |
| 24668 | GLOBAL | Cartesian | 12.4849 | -0.2 | 7.73764 | No | 12.4849 | -0.2 | 7.73764 |
| 24669 | GLOBAL | Cartesian | 12.29751 | -0.1 | 7.7273 | No | 12.29751 | -0.1 | 7.7273 |
| 24670 | GLOBAL | Cartesian | 12.29751 | -0.2 | 7.7273 | No | 12.29751 | -0.2 | 7.7273 |
| 24671 | GLOBAL | Cartesian | 12.11011 | -0.1 | 7.71696 | No | 12.11011 | -0.1 | 7.71696 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24672 | GLOBAL | Cartesian | 12.11011 | -0.2 | 7.71696 | No | 12.11011 | -0.2 | 7.71696 |
| 24673 | GLOBAL | Cartesian | 11.92272 | -0.1 | 7.70662 | No | 11.92272 | -0.1 | 7.70662 |
| 24674 | GLOBAL | Cartesian | 11.92272 | -0.2 | 7.70662 | No | 11.92272 | -0.2 | 7.70662 |
| 24675 | GLOBAL | Cartesian | 11.73522 | -0.1 | 7.69537 | No | 11.73522 | -0.1 | 7.69537 |
| 24676 | GLOBAL | Cartesian | 11.73522 | -0.2 | 7.69537 | No | 11.73522 | -0.2 | 7.69537 |
| 24677 | GLOBAL | Cartesian | 11.54772 | -0.1 | 7.68412 | No | 11.54772 | -0.1 | 7.68412 |
| 24678 | GLOBAL | Cartesian | 11.54772 | -0.2 | 7.68412 | No | 11.54772 | -0.2 | 7.68412 |
| 24679 | GLOBAL | Cartesian | 11.36022 | -0.1 | 7.67287 | No | 11.36022 | -0.1 | 7.67287 |
| 24680 | GLOBAL | Cartesian | 11.36022 | -0.2 | 7.67287 | No | 11.36022 | -0.2 | 7.67287 |
| 24681 | GLOBAL | Cartesian | 11.17272 | -0.1 | 7.66162 | No | 11.17272 | -0.1 | 7.66162 |
| 24682 | GLOBAL | Cartesian | 11.17272 | -0.2 | 7.66162 | No | 11.17272 | -0.2 | 7.66162 |
| 24683 | GLOBAL | Cartesian | 10.98522 | -0.1 | 7.65037 | No | 10.98522 | -0.1 | 7.65037 |
| 24684 | GLOBAL | Cartesian | 10.98522 | -0.2 | 7.65037 | No | 10.98522 | -0.2 | 7.65037 |
| 24685 | GLOBAL | Cartesian | 10.79772 | -0.1 | 7.63912 | No | 10.79772 | -0.1 | 7.63912 |
| 24686 | GLOBAL | Cartesian | 10.79772 | -0.2 | 7.63912 | No | 10.79772 | -0.2 | 7.63912 |
| 24687 | GLOBAL | Cartesian | 10.61022 | -0.1 | 7.62787 | No | 10.61022 | -0.1 | 7.62787 |
| 24688 | GLOBAL | Cartesian | 10.61022 | -0.2 | 7.62787 | No | 10.61022 | -0.2 | 7.62787 |
| 24689 | GLOBAL | Cartesian | 10.42272 | -0.1 | 7.61662 | No | 10.42272 | -0.1 | 7.61662 |
| 24690 | GLOBAL | Cartesian | 10.42272 | -0.2 | 7.61662 | No | 10.42272 | -0.2 | 7.61662 |
| 24691 | GLOBAL | Cartesian | 10.23522 | -0.1 | 7.60537 | No | 10.23522 | -0.1 | 7.60537 |
| 24692 | GLOBAL | Cartesian | 10.23522 | -0.2 | 7.60537 | No | 10.23522 | -0.2 | 7.60537 |
| 24693 | GLOBAL | Cartesian | 10.04772 | -0.1 | 7.59412 | No | 10.04772 | -0.1 | 7.59412 |
| 24694 | GLOBAL | Cartesian | 10.04772 | -0.2 | 7.59412 | No | 10.04772 | -0.2 | 7.59412 |
| 24695 | GLOBAL | Cartesian | 9.86022 | -0.1 | 7.58287 | No | 9.86022 | -0.1 | 7.58287 |
| 24696 | GLOBAL | Cartesian | 9.86022 | -0.2 | 7.58287 | No | 9.86022 | -0.2 | 7.58287 |
| 24697 | GLOBAL | Cartesian | 9.67272 | -0.1 | 7.57162 | No | 9.67272 | -0.1 | 7.57162 |
| 24698 | GLOBAL | Cartesian | 9.67272 | -0.2 | 7.57162 | No | 9.67272 | -0.2 | 7.57162 |
| 24699 | GLOBAL | Cartesian | 9.48522 | -0.1 | 7.56037 | No | 9.48522 | -0.1 | 7.56037 |
| 24700 | GLOBAL | Cartesian | 9.48522 | -0.2 | 7.56037 | No | 9.48522 | -0.2 | 7.56037 |
| 24701 | GLOBAL | Cartesian | 9.29772 | -0.1 | 7.54912 | No | 9.29772 | -0.1 | 7.54912 |
| 24702 | GLOBAL | Cartesian | 9.29772 | -0.2 | 7.54912 | No | 9.29772 | -0.2 | 7.54912 |
| 24703 | GLOBAL | Cartesian | 9.11022 | -0.1 | 7.53787 | No | 9.11022 | -0.1 | 7.53787 |
| 24704 | GLOBAL | Cartesian | 9.11022 | -0.2 | 7.53787 | No | 9.11022 | -0.2 | 7.53787 |
| 24705 | GLOBAL | Cartesian | 8.92272 | -0.1 | 7.52662 | No | 8.92272 | -0.1 | 7.52662 |
| 24706 | GLOBAL | Cartesian | 8.92272 | -0.2 | 7.52662 | No | 8.92272 | -0.2 | 7.52662 |
| 24707 | GLOBAL | Cartesian | 14.92272 | 0.1 | 7.87218 | No | 14.92272 | 0.1 | 7.87218 |
| 24708 | GLOBAL | Cartesian | 14.92272 | 0.2 | 7.87218 | No | 14.92272 | 0.2 | 7.87218 |
| 24709 | GLOBAL | Cartesian | 14.73361 | 0.1 | 7.86176 | No | 14.73361 | 0.1 | 7.86176 |
| 24710 | GLOBAL | Cartesian | 14.73361 | 0.2 | 7.86176 | No | 14.73361 | 0.2 | 7.86176 |
| 24711 | GLOBAL | Cartesian | 14.54622 | 0.1 | 7.85142 | No | 14.54622 | 0.1 | 7.85142 |
| 24712 | GLOBAL | Cartesian | 14.54622 | 0.2 | 7.85142 | No | 14.54622 | 0.2 | 7.85142 |
| 24713 | GLOBAL | Cartesian | 14.35883 | 0.1 | 7.84107 | No | 14.35883 | 0.1 | 7.84107 |
| 24714 | GLOBAL | Cartesian | 14.35883 | 0.2 | 7.84107 | No | 14.35883 | 0.2 | 7.84107 |
| 24715 | GLOBAL | Cartesian | 14.17143 | 0.1 | 7.83073 | No | 14.17143 | 0.1 | 7.83073 |
| 24716 | GLOBAL | Cartesian | 14.17143 | 0.2 | 7.83073 | No | 14.17143 | 0.2 | 7.83073 |
| 24717 | GLOBAL | Cartesian | 13.98404 | 0.1 | 7.82039 | No | 13.98404 | 0.1 | 7.82039 |
| 24718 | GLOBAL | Cartesian | 13.98404 | 0.2 | 7.82039 | No | 13.98404 | 0.2 | 7.82039 |
| 24719 | GLOBAL | Cartesian | 13.79665 | 0.1 | 7.81004 | No | 13.79665 | 0.1 | 7.81004 |
| 24720 | GLOBAL | Cartesian | 13.79665 | 0.2 | 7.81004 | No | 13.79665 | 0.2 | 7.81004 |
| 24721 | GLOBAL | Cartesian | 13.60926 | 0.1 | 7.7997 | No | 13.60926 | 0.1 | 7.7997 |
| 24722 | GLOBAL | Cartesian | 13.60926 | 0.2 | 7.7997 | No | 13.60926 | 0.2 | 7.7997 |
| 24723 | GLOBAL | Cartesian | 13.42186 | 0.1 | 7.78936 | No | 13.42186 | 0.1 | 7.78936 |
| 24724 | GLOBAL | Cartesian | 13.42186 | 0.2 | 7.78936 | No | 13.42186 | 0.2 | 7.78936 |
| 24725 | GLOBAL | Cartesian | 13.23447 | 0.1 | 7.77902 | No | 13.23447 | 0.1 | 7.77902 |
| 24726 | GLOBAL | Cartesian | 13.23447 | 0.2 | 7.77902 | No | 13.23447 | 0.2 | 7.77902 |
| 24727 | GLOBAL | Cartesian | 13.04708 | 0.1 | 7.76867 | No | 13.04708 | 0.1 | 7.76867 |
| 24728 | GLOBAL | Cartesian | 13.04708 | 0.2 | 7.76867 | No | 13.04708 | 0.2 | 7.76867 |
| 24729 | GLOBAL | Cartesian | 12.85968 | 0.1 | 7.75833 | No | 12.85968 | 0.1 | 7.75833 |
| 24730 | GLOBAL | Cartesian | 12.85968 | 0.2 | 7.75833 | No | 12.85968 | 0.2 | 7.75833 |
| 24731 | GLOBAL | Cartesian | 12.67229 | 0.1 | 7.74799 | No | 12.67229 | 0.1 | 7.74799 |
| 24732 | GLOBAL | Cartesian | 12.67229 | 0.2 | 7.74799 | No | 12.67229 | 0.2 | 7.74799 |
| 24733 | GLOBAL | Cartesian | 12.4849 | 0.1 | 7.73764 | No | 12.4849 | 0.1 | 7.73764 |
| 24734 | GLOBAL | Cartesian | 12.4849 | 0.2 | 7.73764 | No | 12.4849 | 0.2 | 7.73764 |
| 24735 | GLOBAL | Cartesian | 12.29751 | 0.1 | 7.7273 | No | 12.29751 | 0.1 | 7.7273 |
| 24736 | GLOBAL | Cartesian | 12.29751 | 0.2 | 7.7273 | No | 12.29751 | 0.2 | 7.7273 |
| 24737 | GLOBAL | Cartesian | 12.11011 | 0.1 | 7.71696 | No | 12.11011 | 0.1 | 7.71696 |
| 24738 | GLOBAL | Cartesian | 12.11011 | 0.2 | 7.71696 | No | 12.11011 | 0.2 | 7.71696 |
| 24739 | GLOBAL | Cartesian | 11.92272 | 0.1 | 7.70662 | No | 11.92272 | 0.1 | 7.70662 |
| 24740 | GLOBAL | Cartesian | 11.92272 | 0.2 | 7.70662 | No | 11.92272 | 0.2 | 7.70662 |
| 24741 | GLOBAL | Cartesian | 11.73522 | 0.1 | 7.69537 | No | 11.73522 | 0.1 | 7.69537 |
| 24742 | GLOBAL | Cartesian | 11.73522 | 0.2 | 7.69537 | No | 11.73522 | 0.2 | 7.69537 |
| 24743 | GLOBAL | Cartesian | 11.54772 | 0.1 | 7.68412 | No | 11.54772 | 0.1 | 7.68412 |
| 24744 | GLOBAL | Cartesian | 11.54772 | 0.2 | 7.68412 | No | 11.54772 | 0.2 | 7.68412 |
| 24745 | GLOBAL | Cartesian | 11.36022 | 0.1 | 7.67287 | No | 11.36022 | 0.1 | 7.67287 |
| 24746 | GLOBAL | Cartesian | 11.36022 | 0.2 | 7.67287 | No | 11.36022 | 0.2 | 7.67287 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 24747 | GLOBAL | Cartesian | 11.17272 | 0.1 | 7.66162 | No | 11.17272 | 0.1 | 7.66162 |
| 24748 | GLOBAL | Cartesian | 11.17272 | 0.2 | 7.66162 | No | 11.17272 | 0.2 | 7.66162 |
| 24749 | GLOBAL | Cartesian | 10.98522 | 0.1 | 7.65037 | No | 10.98522 | 0.1 | 7.65037 |
| 24750 | GLOBAL | Cartesian | 10.98522 | 0.2 | 7.65037 | No | 10.98522 | 0.2 | 7.65037 |
| 24751 | GLOBAL | Cartesian | 10.79772 | 0.1 | 7.63912 | No | 10.79772 | 0.1 | 7.63912 |
| 24752 | GLOBAL | Cartesian | 10.79772 | 0.2 | 7.63912 | No | 10.79772 | 0.2 | 7.63912 |
| 24753 | GLOBAL | Cartesian | 10.61022 | 0.1 | 7.62787 | No | 10.61022 | 0.1 | 7.62787 |
| 24754 | GLOBAL | Cartesian | 10.61022 | 0.2 | 7.62787 | No | 10.61022 | 0.2 | 7.62787 |
| 24755 | GLOBAL | Cartesian | 10.42272 | 0.1 | 7.61662 | No | 10.42272 | 0.1 | 7.61662 |
| 24756 | GLOBAL | Cartesian | 10.42272 | 0.2 | 7.61662 | No | 10.42272 | 0.2 | 7.61662 |
| 24757 | GLOBAL | Cartesian | 10.23522 | 0.1 | 7.60537 | No | 10.23522 | 0.1 | 7.60537 |
| 24758 | GLOBAL | Cartesian | 10.23522 | 0.2 | 7.60537 | No | 10.23522 | 0.2 | 7.60537 |
| 24759 | GLOBAL | Cartesian | 10.04772 | 0.1 | 7.59412 | No | 10.04772 | 0.1 | 7.59412 |
| 24760 | GLOBAL | Cartesian | 10.04772 | 0.2 | 7.59412 | No | 10.04772 | 0.2 | 7.59412 |
| 24761 | GLOBAL | Cartesian | 9.86022 | 0.1 | 7.58287 | No | 9.86022 | 0.1 | 7.58287 |
| 24762 | GLOBAL | Cartesian | 9.86022 | 0.2 | 7.58287 | No | 9.86022 | 0.2 | 7.58287 |
| 24763 | GLOBAL | Cartesian | 9.67272 | 0.1 | 7.57162 | No | 9.67272 | 0.1 | 7.57162 |
| 24764 | GLOBAL | Cartesian | 9.67272 | 0.2 | 7.57162 | No | 9.67272 | 0.2 | 7.57162 |
| 24765 | GLOBAL | Cartesian | 9.48522 | 0.1 | 7.56037 | No | 9.48522 | 0.1 | 7.56037 |
| 24766 | GLOBAL | Cartesian | 9.48522 | 0.2 | 7.56037 | No | 9.48522 | 0.2 | 7.56037 |
| 24767 | GLOBAL | Cartesian | 9.29772 | 0.1 | 7.54912 | No | 9.29772 | 0.1 | 7.54912 |
| 24768 | GLOBAL | Cartesian | 9.29772 | 0.2 | 7.54912 | No | 9.29772 | 0.2 | 7.54912 |
| 24769 | GLOBAL | Cartesian | 9.11022 | 0.1 | 7.53787 | No | 9.11022 | 0.1 | 7.53787 |
| 24770 | GLOBAL | Cartesian | 9.11022 | 0.2 | 7.53787 | No | 9.11022 | 0.2 | 7.53787 |
| 24771 | GLOBAL | Cartesian | 8.92272 | 0.1 | 7.52662 | No | 8.92272 | 0.1 | 7.52662 |
| 24772 | GLOBAL | Cartesian | 8.92272 | 0.2 | 7.52662 | No | 8.92272 | 0.2 | 7.52662 |
| 31005 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.25203 | No | 8.92272 | 0.1 | 9.25203 |
| 31006 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.15155 | No | 8.92272 | 0.1 | 9.15155 |
| 31007 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.10478 | No | 8.92272 | 0.1 | 9.10478 |
| 31008 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.05802 | No | 8.92272 | 0.1 | 9.05802 |
| 31009 | GLOBAL | Cartesian | 8.92272 | 0.1 | 9.01126 | No | 8.92272 | 0.1 | 9.01126 |
| 31010 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.87096 | No | 8.92272 | 0.1 | 8.87096 |
| 31011 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.73067 | No | 8.92272 | 0.1 | 8.73067 |
| 31012 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.59038 | No | 8.92272 | 0.1 | 8.59038 |
| 31013 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.45009 | No | 8.92272 | 0.1 | 8.45009 |
| 31014 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.30979 | No | 8.92272 | 0.1 | 8.30979 |
| 31015 | GLOBAL | Cartesian | 8.92272 | 0.1 | 8.11402 | No | 8.92272 | 0.1 | 8.11402 |
| 31016 | GLOBAL | Cartesian | 8.92272 | 0.1 | 7.91825 | No | 8.92272 | 0.1 | 7.91825 |
| 31017 | GLOBAL | Cartesian | 8.92272 | 0.1 | 7.72248 | No | 8.92272 | 0.1 | 7.72248 |
| 31018 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.25203 | No | 8.92272 | -0.1 | 9.25203 |
| 31019 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.15155 | No | 8.92272 | -0.1 | 9.15155 |
| 31020 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.10478 | No | 8.92272 | -0.1 | 9.10478 |
| 31021 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.05802 | No | 8.92272 | -0.1 | 9.05802 |
| 31022 | GLOBAL | Cartesian | 8.92272 | -0.1 | 9.01126 | No | 8.92272 | -0.1 | 9.01126 |
| 31023 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.87096 | No | 8.92272 | -0.1 | 8.87096 |
| 31024 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.73067 | No | 8.92272 | -0.1 | 8.73067 |
| 31025 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.59038 | No | 8.92272 | -0.1 | 8.59038 |
| 31026 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.45009 | No | 8.92272 | -0.1 | 8.45009 |
| 31027 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.30979 | No | 8.92272 | -0.1 | 8.30979 |
| 31028 | GLOBAL | Cartesian | 8.92272 | -0.1 | 8.11402 | No | 8.92272 | -0.1 | 8.11402 |
| 31029 | GLOBAL | Cartesian | 8.92272 | -0.1 | 7.91825 | No | 8.92272 | -0.1 | 7.91825 |
| 31030 | GLOBAL | Cartesian | 8.92272 | -0.1 | 7.72248 | No | 8.92272 | -0.1 | 7.72248 |
| 31031 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.25203 | No | 8.92272 | 0.2 | 9.25203 |
| 31032 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.15155 | No | 8.92272 | 0.2 | 9.15155 |
| 31033 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.10478 | No | 8.92272 | 0.2 | 9.10478 |
| 31034 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.05802 | No | 8.92272 | 0.2 | 9.05802 |
| 31035 | GLOBAL | Cartesian | 8.92272 | 0.2 | 9.01126 | No | 8.92272 | 0.2 | 9.01126 |
| 31036 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.87096 | No | 8.92272 | 0.2 | 8.87096 |
| 31037 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.73067 | No | 8.92272 | 0.2 | 8.73067 |
| 31038 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.59038 | No | 8.92272 | 0.2 | 8.59038 |
| 31039 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.45009 | No | 8.92272 | 0.2 | 8.45009 |
| 31040 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.30979 | No | 8.92272 | 0.2 | 8.30979 |
| 31041 | GLOBAL | Cartesian | 8.92272 | 0.2 | 8.11402 | No | 8.92272 | 0.2 | 8.11402 |
| 31042 | GLOBAL | Cartesian | 8.92272 | 0.2 | 7.91825 | No | 8.92272 | 0.2 | 7.91825 |
| 31043 | GLOBAL | Cartesian | 8.92272 | 0.2 | 7.72248 | No | 8.92272 | 0.2 | 7.72248 |
| 31044 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.25203 | No | 8.92272 | -0.2 | 9.25203 |
| 31045 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.15155 | No | 8.92272 | -0.2 | 9.15155 |
| 31046 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.10478 | No | 8.92272 | -0.2 | 9.10478 |
| 31047 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.05802 | No | 8.92272 | -0.2 | 9.05802 |
| 31048 | GLOBAL | Cartesian | 8.92272 | -0.2 | 9.01126 | No | 8.92272 | -0.2 | 9.01126 |
| 31049 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.87096 | No | 8.92272 | -0.2 | 8.87096 |
| 31050 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.73067 | No | 8.92272 | -0.2 | 8.73067 |
| 31051 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.59038 | No | 8.92272 | -0.2 | 8.59038 |
| 31052 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.45009 | No | 8.92272 | -0.2 | 8.45009 |
| 31053 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.30979 | No | 8.92272 | -0.2 | 8.30979 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31054 | GLOBAL | Cartesian | 8.92272 | -0.2 | 8.11402 | No | 8.92272 | -0.2 | 8.11402 |
| 31055 | GLOBAL | Cartesian | 8.92272 | -0.2 | 7.91825 | No | 8.92272 | -0.2 | 7.91825 |
| 31056 | GLOBAL | Cartesian | 8.92272 | -0.2 | 7.72248 | No | 8.92272 | -0.2 | 7.72248 |
| 31059 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.84353 | No | 14.92272 | -0.1 | 9.84353 |
| 31060 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.74304 | No | 14.92272 | -0.1 | 9.74304 |
| 31061 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.67876 | No | 14.92272 | -0.1 | 9.67876 |
| 31062 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.61448 | No | 14.92272 | -0.1 | 9.61448 |
| 31063 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.5502 | No | 14.92272 | -0.1 | 9.5502 |
| 31064 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.35736 | No | 14.92272 | -0.1 | 9.35736 |
| 31065 | GLOBAL | Cartesian | 14.92272 | -0.1 | 9.16451 | No | 14.92272 | -0.1 | 9.16451 |
| 31066 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.97167 | No | 14.92272 | -0.1 | 8.97167 |
| 31067 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.77883 | No | 14.92272 | -0.1 | 8.77883 |
| 31068 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.58598 | No | 14.92272 | -0.1 | 8.58598 |
| 31069 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.40753 | No | 14.92272 | -0.1 | 8.40753 |
| 31070 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.22908 | No | 14.92272 | -0.1 | 8.22908 |
| 31071 | GLOBAL | Cartesian | 14.92272 | -0.1 | 8.05063 | No | 14.92272 | -0.1 | 8.05063 |
| 31072 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.84353 | No | 14.92272 | 0.1 | 9.84353 |
| 31073 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.74304 | No | 14.92272 | 0.1 | 9.74304 |
| 31074 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.67876 | No | 14.92272 | 0.1 | 9.67876 |
| 31075 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.61448 | No | 14.92272 | 0.1 | 9.61448 |
| 31076 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.5502 | No | 14.92272 | 0.1 | 9.5502 |
| 31077 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.35736 | No | 14.92272 | 0.1 | 9.35736 |
| 31078 | GLOBAL | Cartesian | 14.92272 | 0.1 | 9.16451 | No | 14.92272 | 0.1 | 9.16451 |
| 31079 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.97167 | No | 14.92272 | 0.1 | 8.97167 |
| 31080 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.77883 | No | 14.92272 | 0.1 | 8.77883 |
| 31081 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.58598 | No | 14.92272 | 0.1 | 8.58598 |
| 31082 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.40753 | No | 14.92272 | 0.1 | 8.40753 |
| 31083 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.22908 | No | 14.92272 | 0.1 | 8.22908 |
| 31084 | GLOBAL | Cartesian | 14.92272 | 0.1 | 8.05063 | No | 14.92272 | 0.1 | 8.05063 |
| 31087 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.84353 | No | 14.92272 | -0.2 | 9.84353 |
| 31088 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.74304 | No | 14.92272 | -0.2 | 9.74304 |
| 31089 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.67876 | No | 14.92272 | -0.2 | 9.67876 |
| 31090 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.61448 | No | 14.92272 | -0.2 | 9.61448 |
| 31091 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.5502 | No | 14.92272 | -0.2 | 9.5502 |
| 31092 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.35736 | No | 14.92272 | -0.2 | 9.35736 |
| 31093 | GLOBAL | Cartesian | 14.92272 | -0.2 | 9.16451 | No | 14.92272 | -0.2 | 9.16451 |
| 31094 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.97167 | No | 14.92272 | -0.2 | 8.97167 |
| 31095 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.77883 | No | 14.92272 | -0.2 | 8.77883 |
| 31096 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.58598 | No | 14.92272 | -0.2 | 8.58598 |
| 31097 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.40753 | No | 14.92272 | -0.2 | 8.40753 |
| 31098 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.22908 | No | 14.92272 | -0.2 | 8.22908 |
| 31099 | GLOBAL | Cartesian | 14.92272 | -0.2 | 8.05063 | No | 14.92272 | -0.2 | 8.05063 |
| 31100 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.84353 | No | 14.92272 | 0.2 | 9.84353 |
| 31101 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.74304 | No | 14.92272 | 0.2 | 9.74304 |
| 31102 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.67876 | No | 14.92272 | 0.2 | 9.67876 |
| 31103 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.61448 | No | 14.92272 | 0.2 | 9.61448 |
| 31104 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.5502 | No | 14.92272 | 0.2 | 9.5502 |
| 31105 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.35736 | No | 14.92272 | 0.2 | 9.35736 |
| 31106 | GLOBAL | Cartesian | 14.92272 | 0.2 | 9.16451 | No | 14.92272 | 0.2 | 9.16451 |
| 31107 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.97167 | No | 14.92272 | 0.2 | 8.97167 |
| 31108 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.77883 | No | 14.92272 | 0.2 | 8.77883 |
| 31109 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.58598 | No | 14.92272 | 0.2 | 8.58598 |
| 31110 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.40753 | No | 14.92272 | 0.2 | 8.40753 |
| 31111 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.22908 | No | 14.92272 | 0.2 | 8.22908 |
| 31112 | GLOBAL | Cartesian | 14.92272 | 0.2 | 8.05063 | No | 14.92272 | 0.2 | 8.05063 |
| 31113 | GLOBAL | Cartesian | 17.92272 | -0.1 | 10.13927 | No | 17.92272 | -0.1 | 10.13927 |
| 31114 | GLOBAL | Cartesian | 17.92272 | -0.1 | 10.03879 | No | 17.92272 | -0.1 | 10.03879 |
| 31115 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.97604 | No | 17.92272 | -0.1 | 9.97604 |
| 31116 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.9133 | No | 17.92272 | -0.1 | 9.9133 |
| 31117 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.85055 | No | 17.92272 | -0.1 | 9.85055 |
| 31118 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.66231 | No | 17.92272 | -0.1 | 9.66231 |
| 31119 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.47408 | No | 17.92272 | -0.1 | 9.47408 |
| 31120 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.28584 | No | 17.92272 | -0.1 | 9.28584 |
| 31121 | GLOBAL | Cartesian | 17.92272 | -0.1 | 9.0976 | No | 17.92272 | -0.1 | 9.0976 |
| 31122 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.90937 | No | 17.92272 | -0.1 | 8.90937 |
| 31123 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.72113 | No | 17.92272 | -0.1 | 8.72113 |
| 31124 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.5434 | No | 17.92272 | -0.1 | 8.5434 |
| 31125 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.36567 | No | 17.92272 | -0.1 | 8.36567 |
| 31126 | GLOBAL | Cartesian | 17.92272 | -0.1 | 8.18795 | No | 17.92272 | -0.1 | 8.18795 |
| 31127 | GLOBAL | Cartesian | 17.92272 | 0.1 | 10.13927 | No | 17.92272 | 0.1 | 10.13927 |
| 31128 | GLOBAL | Cartesian | 17.92272 | 0.1 | 10.03879 | No | 17.92272 | 0.1 | 10.03879 |
| 31129 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.97604 | No | 17.92272 | 0.1 | 9.97604 |
| 31130 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.9133 | No | 17.92272 | 0.1 | 9.9133 |
| 31131 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.85055 | No | 17.92272 | 0.1 | 9.85055 |
| 31132 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.66231 | No | 17.92272 | 0.1 | 9.66231 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31133 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.47408 | No | 17.92272 | 0.1 | 9.47408 |
| 31134 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.28584 | No | 17.92272 | 0.1 | 9.28584 |
| 31135 | GLOBAL | Cartesian | 17.92272 | 0.1 | 9.0976 | No | 17.92272 | 0.1 | 9.0976 |
| 31136 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.90937 | No | 17.92272 | 0.1 | 8.90937 |
| 31137 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.72113 | No | 17.92272 | 0.1 | 8.72113 |
| 31138 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.5434 | No | 17.92272 | 0.1 | 8.5434 |
| 31139 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.36567 | No | 17.92272 | 0.1 | 8.36567 |
| 31140 | GLOBAL | Cartesian | 17.92272 | 0.1 | 8.18795 | No | 17.92272 | 0.1 | 8.18795 |
| 31141 | GLOBAL | Cartesian | 17.92272 | -0.2 | 10.13927 | No | 17.92272 | -0.2 | 10.13927 |
| 31142 | GLOBAL | Cartesian | 17.92272 | -0.2 | 10.03879 | No | 17.92272 | -0.2 | 10.03879 |
| 31143 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.97604 | No | 17.92272 | -0.2 | 9.97604 |
| 31144 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.9133 | No | 17.92272 | -0.2 | 9.9133 |
| 31145 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.85055 | No | 17.92272 | -0.2 | 9.85055 |
| 31146 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.66231 | No | 17.92272 | -0.2 | 9.66231 |
| 31147 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.47408 | No | 17.92272 | -0.2 | 9.47408 |
| 31148 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.28584 | No | 17.92272 | -0.2 | 9.28584 |
| 31149 | GLOBAL | Cartesian | 17.92272 | -0.2 | 9.0976 | No | 17.92272 | -0.2 | 9.0976 |
| 31150 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.90937 | No | 17.92272 | -0.2 | 8.90937 |
| 31151 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.72113 | No | 17.92272 | -0.2 | 8.72113 |
| 31152 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.5434 | No | 17.92272 | -0.2 | 8.5434 |
| 31153 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.36567 | No | 17.92272 | -0.2 | 8.36567 |
| 31154 | GLOBAL | Cartesian | 17.92272 | -0.2 | 8.18795 | No | 17.92272 | -0.2 | 8.18795 |
| 31155 | GLOBAL | Cartesian | 17.92272 | 0.2 | 10.13927 | No | 17.92272 | 0.2 | 10.13927 |
| 31156 | GLOBAL | Cartesian | 17.92272 | 0.2 | 10.03879 | No | 17.92272 | 0.2 | 10.03879 |
| 31157 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.97604 | No | 17.92272 | 0.2 | 9.97604 |
| 31158 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.9133 | No | 17.92272 | 0.2 | 9.9133 |
| 31159 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.85055 | No | 17.92272 | 0.2 | 9.85055 |
| 31160 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.66231 | No | 17.92272 | 0.2 | 9.66231 |
| 31161 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.47408 | No | 17.92272 | 0.2 | 9.47408 |
| 31162 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.28584 | No | 17.92272 | 0.2 | 9.28584 |
| 31163 | GLOBAL | Cartesian | 17.92272 | 0.2 | 9.0976 | No | 17.92272 | 0.2 | 9.0976 |
| 31164 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.90937 | No | 17.92272 | 0.2 | 8.90937 |
| 31165 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.72113 | No | 17.92272 | 0.2 | 8.72113 |
| 31166 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.5434 | No | 17.92272 | 0.2 | 8.5434 |
| 31167 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.36567 | No | 17.92272 | 0.2 | 8.36567 |
| 31168 | GLOBAL | Cartesian | 17.92272 | 0.2 | 8.18795 | No | 17.92272 | 0.2 | 8.18795 |
| 31169 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.43502 | No | 20.92272 | -0.1 | 10.43502 |
| 31170 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.33453 | No | 20.92272 | -0.1 | 10.33453 |
| 31171 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.27191 | No | 20.92272 | -0.1 | 10.27191 |
| 31172 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.20928 | No | 20.92272 | -0.1 | 10.20928 |
| 31173 | GLOBAL | Cartesian | 20.92272 | -0.1 | 10.14666 | No | 20.92272 | -0.1 | 10.14666 |
| 31174 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.95879 | No | 20.92272 | -0.1 | 9.95879 |
| 31175 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.77091 | No | 20.92272 | -0.1 | 9.77091 |
| 31176 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.58304 | No | 20.92272 | -0.1 | 9.58304 |
| 31177 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.39516 | No | 20.92272 | -0.1 | 9.39516 |
| 31178 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.20729 | No | 20.92272 | -0.1 | 9.20729 |
| 31179 | GLOBAL | Cartesian | 20.92272 | -0.1 | 9.01941 | No | 20.92272 | -0.1 | 9.01941 |
| 31180 | GLOBAL | Cartesian | 20.92272 | -0.1 | 8.83154 | No | 20.92272 | -0.1 | 8.83154 |
| 31181 | GLOBAL | Cartesian | 20.92272 | -0.1 | 8.65385 | No | 20.92272 | -0.1 | 8.65385 |
| 31182 | GLOBAL | Cartesian | 20.92272 | -0.1 | 8.47616 | No | 20.92272 | -0.1 | 8.47616 |
| 31183 | GLOBAL | Cartesian | 20.92272 | -0.1 | 8.29847 | No | 20.92272 | -0.1 | 8.29847 |
| 31184 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.43502 | No | 20.92272 | 0.1 | 10.43502 |
| 31185 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.33453 | No | 20.92272 | 0.1 | 10.33453 |
| 31186 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.27191 | No | 20.92272 | 0.1 | 10.27191 |
| 31187 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.20928 | No | 20.92272 | 0.1 | 10.20928 |
| 31188 | GLOBAL | Cartesian | 20.92272 | 0.1 | 10.14666 | No | 20.92272 | 0.1 | 10.14666 |
| 31189 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.95879 | No | 20.92272 | 0.1 | 9.95879 |
| 31190 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.77091 | No | 20.92272 | 0.1 | 9.77091 |
| 31191 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.58304 | No | 20.92272 | 0.1 | 9.58304 |
| 31192 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.39516 | No | 20.92272 | 0.1 | 9.39516 |
| 31193 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.20729 | No | 20.92272 | 0.1 | 9.20729 |
| 31194 | GLOBAL | Cartesian | 20.92272 | 0.1 | 9.01941 | No | 20.92272 | 0.1 | 9.01941 |
| 31195 | GLOBAL | Cartesian | 20.92272 | 0.1 | 8.83154 | No | 20.92272 | 0.1 | 8.83154 |
| 31196 | GLOBAL | Cartesian | 20.92272 | 0.1 | 8.65385 | No | 20.92272 | 0.1 | 8.65385 |
| 31197 | GLOBAL | Cartesian | 20.92272 | 0.1 | 8.47616 | No | 20.92272 | 0.1 | 8.47616 |
| 31198 | GLOBAL | Cartesian | 20.92272 | 0.1 | 8.29847 | No | 20.92272 | 0.1 | 8.29847 |
| 31199 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.43502 | No | 20.92272 | -0.2 | 10.43502 |
| 31200 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.33453 | No | 20.92272 | -0.2 | 10.33453 |
| 31201 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.27191 | No | 20.92272 | -0.2 | 10.27191 |
| 31202 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.20928 | No | 20.92272 | -0.2 | 10.20928 |
| 31203 | GLOBAL | Cartesian | 20.92272 | -0.2 | 10.14666 | No | 20.92272 | -0.2 | 10.14666 |
| 31204 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.95879 | No | 20.92272 | -0.2 | 9.95879 |
| 31205 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.77091 | No | 20.92272 | -0.2 | 9.77091 |
| 31206 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.58304 | No | 20.92272 | -0.2 | 9.58304 |
| 31207 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.39516 | No | 20.92272 | -0.2 | 9.39516 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31208 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.20729 | No | 20.92272 | -0.2 | 9.20729 |
| 31209 | GLOBAL | Cartesian | 20.92272 | -0.2 | 9.01941 | No | 20.92272 | -0.2 | 9.01941 |
| 31210 | GLOBAL | Cartesian | 20.92272 | -0.2 | 8.83154 | No | 20.92272 | -0.2 | 8.83154 |
| 31211 | GLOBAL | Cartesian | 20.92272 | -0.2 | 8.65385 | No | 20.92272 | -0.2 | 8.65385 |
| 31212 | GLOBAL | Cartesian | 20.92272 | -0.2 | 8.47616 | No | 20.92272 | -0.2 | 8.47616 |
| 31213 | GLOBAL | Cartesian | 20.92272 | -0.2 | 8.29847 | No | 20.92272 | -0.2 | 8.29847 |
| 31214 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.43502 | No | 20.92272 | 0.2 | 10.43502 |
| 31215 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.33453 | No | 20.92272 | 0.2 | 10.33453 |
| 31216 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.27191 | No | 20.92272 | 0.2 | 10.27191 |
| 31217 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.20928 | No | 20.92272 | 0.2 | 10.20928 |
| 31218 | GLOBAL | Cartesian | 20.92272 | 0.2 | 10.14666 | No | 20.92272 | 0.2 | 10.14666 |
| 31219 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.95879 | No | 20.92272 | 0.2 | 9.95879 |
| 31220 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.77091 | No | 20.92272 | 0.2 | 9.77091 |
| 31221 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.58304 | No | 20.92272 | 0.2 | 9.58304 |
| 31222 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.39516 | No | 20.92272 | 0.2 | 9.39516 |
| 31223 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.20729 | No | 20.92272 | 0.2 | 9.20729 |
| 31224 | GLOBAL | Cartesian | 20.92272 | 0.2 | 9.01941 | No | 20.92272 | 0.2 | 9.01941 |
| 31225 | GLOBAL | Cartesian | 20.92272 | 0.2 | 8.83154 | No | 20.92272 | 0.2 | 8.83154 |
| 31226 | GLOBAL | Cartesian | 20.92272 | 0.2 | 8.65385 | No | 20.92272 | 0.2 | 8.65385 |
| 31227 | GLOBAL | Cartesian | 20.92272 | 0.2 | 8.47616 | No | 20.92272 | 0.2 | 8.47616 |
| 31228 | GLOBAL | Cartesian | 20.92272 | 0.2 | 8.29847 | No | 20.92272 | 0.2 | 8.29847 |
| 31229 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.73077 | No | 23.92272 | -0.1 | 10.73077 |
| 31230 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.63028 | No | 23.92272 | -0.1 | 10.63028 |
| 31231 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.56674 | No | 23.92272 | -0.1 | 10.56674 |
| 31232 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.50319 | No | 23.92272 | -0.1 | 10.50319 |
| 31233 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.43964 | No | 23.92272 | -0.1 | 10.43964 |
| 31234 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.24901 | No | 23.92272 | -0.1 | 10.24901 |
| 31235 | GLOBAL | Cartesian | 23.92272 | -0.1 | 10.05837 | No | 23.92272 | -0.1 | 10.05837 |
| 31236 | GLOBAL | Cartesian | 23.92272 | -0.1 | 9.86773 | No | 23.92272 | -0.1 | 9.86773 |
| 31237 | GLOBAL | Cartesian | 23.92272 | -0.1 | 9.6771 | No | 23.92272 | -0.1 | 9.6771 |
| 31238 | GLOBAL | Cartesian | 23.92272 | -0.1 | 9.48646 | No | 23.92272 | -0.1 | 9.48646 |
| 31239 | GLOBAL | Cartesian | 23.92272 | -0.1 | 9.29583 | No | 23.92272 | -0.1 | 9.29583 |
| 31240 | GLOBAL | Cartesian | 23.92272 | -0.1 | 9.10519 | No | 23.92272 | -0.1 | 9.10519 |
| 31241 | GLOBAL | Cartesian | 23.92272 | -0.1 | 8.91455 | No | 23.92272 | -0.1 | 8.91455 |
| 31242 | GLOBAL | Cartesian | 23.92272 | -0.1 | 8.73689 | No | 23.92272 | -0.1 | 8.73689 |
| 31243 | GLOBAL | Cartesian | 23.92272 | -0.1 | 8.55922 | No | 23.92272 | -0.1 | 8.55922 |
| 31244 | GLOBAL | Cartesian | 23.92272 | -0.1 | 8.38156 | No | 23.92272 | -0.1 | 8.38156 |
| 31245 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.73077 | No | 23.92272 | 0.1 | 10.73077 |
| 31246 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.63028 | No | 23.92272 | 0.1 | 10.63028 |
| 31247 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.56674 | No | 23.92272 | 0.1 | 10.56674 |
| 31248 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.50319 | No | 23.92272 | 0.1 | 10.50319 |
| 31249 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.43964 | No | 23.92272 | 0.1 | 10.43964 |
| 31250 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.24901 | No | 23.92272 | 0.1 | 10.24901 |
| 31251 | GLOBAL | Cartesian | 23.92272 | 0.1 | 10.05837 | No | 23.92272 | 0.1 | 10.05837 |
| 31252 | GLOBAL | Cartesian | 23.92272 | 0.1 | 9.86773 | No | 23.92272 | 0.1 | 9.86773 |
| 31253 | GLOBAL | Cartesian | 23.92272 | 0.1 | 9.6771 | No | 23.92272 | 0.1 | 9.6771 |
| 31254 | GLOBAL | Cartesian | 23.92272 | 0.1 | 9.48646 | No | 23.92272 | 0.1 | 9.48646 |
| 31255 | GLOBAL | Cartesian | 23.92272 | 0.1 | 9.29583 | No | 23.92272 | 0.1 | 9.29583 |
| 31256 | GLOBAL | Cartesian | 23.92272 | 0.1 | 9.10519 | No | 23.92272 | 0.1 | 9.10519 |
| 31257 | GLOBAL | Cartesian | 23.92272 | 0.1 | 8.91455 | No | 23.92272 | 0.1 | 8.91455 |
| 31258 | GLOBAL | Cartesian | 23.92272 | 0.1 | 8.73689 | No | 23.92272 | 0.1 | 8.73689 |
| 31259 | GLOBAL | Cartesian | 23.92272 | 0.1 | 8.55922 | No | 23.92272 | 0.1 | 8.55922 |
| 31260 | GLOBAL | Cartesian | 23.92272 | 0.1 | 8.38156 | No | 23.92272 | 0.1 | 8.38156 |
| 31261 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.73077 | No | 23.92272 | -0.2 | 10.73077 |
| 31262 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.63028 | No | 23.92272 | -0.2 | 10.63028 |
| 31263 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.56674 | No | 23.92272 | -0.2 | 10.56674 |
| 31264 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.50319 | No | 23.92272 | -0.2 | 10.50319 |
| 31265 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.43964 | No | 23.92272 | -0.2 | 10.43964 |
| 31266 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.24901 | No | 23.92272 | -0.2 | 10.24901 |
| 31267 | GLOBAL | Cartesian | 23.92272 | -0.2 | 10.05837 | No | 23.92272 | -0.2 | 10.05837 |
| 31268 | GLOBAL | Cartesian | 23.92272 | -0.2 | 9.86773 | No | 23.92272 | -0.2 | 9.86773 |
| 31269 | GLOBAL | Cartesian | 23.92272 | -0.2 | 9.6771 | No | 23.92272 | -0.2 | 9.6771 |
| 31270 | GLOBAL | Cartesian | 23.92272 | -0.2 | 9.48646 | No | 23.92272 | -0.2 | 9.48646 |
| 31271 | GLOBAL | Cartesian | 23.92272 | -0.2 | 9.29583 | No | 23.92272 | -0.2 | 9.29583 |
| 31272 | GLOBAL | Cartesian | 23.92272 | -0.2 | 9.10519 | No | 23.92272 | -0.2 | 9.10519 |
| 31273 | GLOBAL | Cartesian | 23.92272 | -0.2 | 8.91455 | No | 23.92272 | -0.2 | 8.91455 |
| 31274 | GLOBAL | Cartesian | 23.92272 | -0.2 | 8.73689 | No | 23.92272 | -0.2 | 8.73689 |
| 31275 | GLOBAL | Cartesian | 23.92272 | -0.2 | 8.55922 | No | 23.92272 | -0.2 | 8.55922 |
| 31276 | GLOBAL | Cartesian | 23.92272 | -0.2 | 8.38156 | No | 23.92272 | -0.2 | 8.38156 |
| 31277 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.73077 | No | 23.92272 | 0.2 | 10.73077 |
| 31278 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.63028 | No | 23.92272 | 0.2 | 10.63028 |
| 31279 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.56674 | No | 23.92272 | 0.2 | 10.56674 |
| 31280 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.50319 | No | 23.92272 | 0.2 | 10.50319 |
| 31281 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.43964 | No | 23.92272 | 0.2 | 10.43964 |
| 31282 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.24901 | No | 23.92272 | 0.2 | 10.24901 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31283 | GLOBAL | Cartesian | 23.92272 | 0.2 | 10.05837 | No | 23.92272 | 0.2 | 10.05837 |
| 31284 | GLOBAL | Cartesian | 23.92272 | 0.2 | 9.86773 | No | 23.92272 | 0.2 | 9.86773 |
| 31285 | GLOBAL | Cartesian | 23.92272 | 0.2 | 9.6771 | No | 23.92272 | 0.2 | 9.6771 |
| 31286 | GLOBAL | Cartesian | 23.92272 | 0.2 | 9.48646 | No | 23.92272 | 0.2 | 9.48646 |
| 31287 | GLOBAL | Cartesian | 23.92272 | 0.2 | 9.29583 | No | 23.92272 | 0.2 | 9.29583 |
| 31288 | GLOBAL | Cartesian | 23.92272 | 0.2 | 9.10519 | No | 23.92272 | 0.2 | 9.10519 |
| 31289 | GLOBAL | Cartesian | 23.92272 | 0.2 | 8.91455 | No | 23.92272 | 0.2 | 8.91455 |
| 31290 | GLOBAL | Cartesian | 23.92272 | 0.2 | 8.73689 | No | 23.92272 | 0.2 | 8.73689 |
| 31291 | GLOBAL | Cartesian | 23.92272 | 0.2 | 8.55922 | No | 23.92272 | 0.2 | 8.55922 |
| 31292 | GLOBAL | Cartesian | 23.92272 | 0.2 | 8.38156 | No | 23.92272 | 0.2 | 8.38156 |
| 31293 | GLOBAL | Cartesian | 26.92272 | -0.1 | 11.02651 | No | 26.92272 | -0.1 | 11.02651 |
| 31294 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.92603 | No | 26.92272 | -0.1 | 10.92603 |
| 31295 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.82797 | No | 26.92272 | -0.1 | 10.82797 |
| 31296 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.73044 | No | 26.92272 | -0.1 | 10.73044 |
| 31297 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.53486 | No | 26.92272 | -0.1 | 10.53486 |
| 31298 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.33928 | No | 26.92272 | -0.1 | 10.33928 |
| 31299 | GLOBAL | Cartesian | 26.92272 | -0.1 | 10.1437 | No | 26.92272 | -0.1 | 10.1437 |
| 31300 | GLOBAL | Cartesian | 26.92272 | -0.1 | 9.94811 | No | 26.92272 | -0.1 | 9.94811 |
| 31301 | GLOBAL | Cartesian | 26.92272 | -0.1 | 9.75253 | No | 26.92272 | -0.1 | 9.75253 |
| 31302 | GLOBAL | Cartesian | 26.92272 | -0.1 | 9.55695 | No | 26.92272 | -0.1 | 9.55695 |
| 31303 | GLOBAL | Cartesian | 26.92272 | -0.1 | 9.36136 | No | 26.92272 | -0.1 | 9.36136 |
| 31304 | GLOBAL | Cartesian | 26.92272 | -0.1 | 9.16578 | No | 26.92272 | -0.1 | 9.16578 |
| 31305 | GLOBAL | Cartesian | 26.92272 | -0.1 | 8.9702 | No | 26.92272 | -0.1 | 8.9702 |
| 31306 | GLOBAL | Cartesian | 26.92272 | -0.1 | 8.79254 | No | 26.92272 | -0.1 | 8.79254 |
| 31307 | GLOBAL | Cartesian | 26.92272 | -0.1 | 8.61489 | No | 26.92272 | -0.1 | 8.61489 |
| 31308 | GLOBAL | Cartesian | 26.92272 | -0.1 | 8.43723 | No | 26.92272 | -0.1 | 8.43723 |
| 31309 | GLOBAL | Cartesian | 26.92272 | 0.1 | 11.02651 | No | 26.92272 | 0.1 | 11.02651 |
| 31310 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.92603 | No | 26.92272 | 0.1 | 10.92603 |
| 31311 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.82797 | No | 26.92272 | 0.1 | 10.82797 |
| 31312 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.73044 | No | 26.92272 | 0.1 | 10.73044 |
| 31313 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.53486 | No | 26.92272 | 0.1 | 10.53486 |
| 31314 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.33928 | No | 26.92272 | 0.1 | 10.33928 |
| 31315 | GLOBAL | Cartesian | 26.92272 | 0.1 | 10.1437 | No | 26.92272 | 0.1 | 10.1437 |
| 31316 | GLOBAL | Cartesian | 26.92272 | 0.1 | 9.94811 | No | 26.92272 | 0.1 | 9.94811 |
| 31317 | GLOBAL | Cartesian | 26.92272 | 0.1 | 9.75253 | No | 26.92272 | 0.1 | 9.75253 |
| 31318 | GLOBAL | Cartesian | 26.92272 | 0.1 | 9.55695 | No | 26.92272 | 0.1 | 9.55695 |
| 31319 | GLOBAL | Cartesian | 26.92272 | 0.1 | 9.36136 | No | 26.92272 | 0.1 | 9.36136 |
| 31320 | GLOBAL | Cartesian | 26.92272 | 0.1 | 9.16578 | No | 26.92272 | 0.1 | 9.16578 |
| 31321 | GLOBAL | Cartesian | 26.92272 | 0.1 | 8.9702 | No | 26.92272 | 0.1 | 8.9702 |
| 31322 | GLOBAL | Cartesian | 26.92272 | 0.1 | 8.79254 | No | 26.92272 | 0.1 | 8.79254 |
| 31323 | GLOBAL | Cartesian | 26.92272 | 0.1 | 8.61489 | No | 26.92272 | 0.1 | 8.61489 |
| 31324 | GLOBAL | Cartesian | 26.92272 | 0.1 | 8.43723 | No | 26.92272 | 0.1 | 8.43723 |
| 31325 | GLOBAL | Cartesian | 26.92272 | -0.2 | 11.02651 | No | 26.92272 | -0.2 | 11.02651 |
| 31326 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.92603 | No | 26.92272 | -0.2 | 10.92603 |
| 31327 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.82797 | No | 26.92272 | -0.2 | 10.82797 |
| 31328 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.73044 | No | 26.92272 | -0.2 | 10.73044 |
| 31329 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.53486 | No | 26.92272 | -0.2 | 10.53486 |
| 31330 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.33928 | No | 26.92272 | -0.2 | 10.33928 |
| 31331 | GLOBAL | Cartesian | 26.92272 | -0.2 | 10.1437 | No | 26.92272 | -0.2 | 10.1437 |
| 31332 | GLOBAL | Cartesian | 26.92272 | -0.2 | 9.94811 | No | 26.92272 | -0.2 | 9.94811 |
| 31333 | GLOBAL | Cartesian | 26.92272 | -0.2 | 9.75253 | No | 26.92272 | -0.2 | 9.75253 |
| 31334 | GLOBAL | Cartesian | 26.92272 | -0.2 | 9.55695 | No | 26.92272 | -0.2 | 9.55695 |
| 31335 | GLOBAL | Cartesian | 26.92272 | -0.2 | 9.36136 | No | 26.92272 | -0.2 | 9.36136 |
| 31336 | GLOBAL | Cartesian | 26.92272 | -0.2 | 9.16578 | No | 26.92272 | -0.2 | 9.16578 |
| 31337 | GLOBAL | Cartesian | 26.92272 | -0.2 | 8.9702 | No | 26.92272 | -0.2 | 8.9702 |
| 31338 | GLOBAL | Cartesian | 26.92272 | -0.2 | 8.79254 | No | 26.92272 | -0.2 | 8.79254 |
| 31339 | GLOBAL | Cartesian | 26.92272 | -0.2 | 8.61489 | No | 26.92272 | -0.2 | 8.61489 |
| 31340 | GLOBAL | Cartesian | 26.92272 | -0.2 | 8.43723 | No | 26.92272 | -0.2 | 8.43723 |
| 31341 | GLOBAL | Cartesian | 26.92272 | 0.2 | 11.02651 | No | 26.92272 | 0.2 | 11.02651 |
| 31342 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.92603 | No | 26.92272 | 0.2 | 10.92603 |
| 31343 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.82797 | No | 26.92272 | 0.2 | 10.82797 |
| 31344 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.73044 | No | 26.92272 | 0.2 | 10.73044 |
| 31345 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.53486 | No | 26.92272 | 0.2 | 10.53486 |
| 31346 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.33928 | No | 26.92272 | 0.2 | 10.33928 |
| 31347 | GLOBAL | Cartesian | 26.92272 | 0.2 | 10.1437 | No | 26.92272 | 0.2 | 10.1437 |
| 31348 | GLOBAL | Cartesian | 26.92272 | 0.2 | 9.94811 | No | 26.92272 | 0.2 | 9.94811 |
| 31349 | GLOBAL | Cartesian | 26.92272 | 0.2 | 9.75253 | No | 26.92272 | 0.2 | 9.75253 |
| 31350 | GLOBAL | Cartesian | 26.92272 | 0.2 | 9.55695 | No | 26.92272 | 0.2 | 9.55695 |
| 31351 | GLOBAL | Cartesian | 26.92272 | 0.2 | 9.36136 | No | 26.92272 | 0.2 | 9.36136 |
| 31352 | GLOBAL | Cartesian | 26.92272 | 0.2 | 9.16578 | No | 26.92272 | 0.2 | 9.16578 |
| 31353 | GLOBAL | Cartesian | 26.92272 | 0.2 | 8.9702 | No | 26.92272 | 0.2 | 8.9702 |
| 31354 | GLOBAL | Cartesian | 26.92272 | 0.2 | 8.79254 | No | 26.92272 | 0.2 | 8.79254 |
| 31355 | GLOBAL | Cartesian | 26.92272 | 0.2 | 8.61489 | No | 26.92272 | 0.2 | 8.61489 |
| 31356 | GLOBAL | Cartesian | 26.92272 | 0.2 | 8.43723 | No | 26.92272 | 0.2 | 8.43723 |
| 31357 | GLOBAL | Cartesian | 29.92272 | -0.1 | 11.32226 | No | 29.92272 | -0.1 | 11.32226 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31358 | GLOBAL | Cartesian | 29.92272 | -0.1 | 11.22177 | No | 29.92272 | -0.1 | 11.22177 |
| 31359 | GLOBAL | Cartesian | 29.92272 | -0.1 | 11.03672 | No | 29.92272 | -0.1 | 11.03672 |
| 31360 | GLOBAL | Cartesian | 29.92272 | -0.1 | 10.85166 | No | 29.92272 | -0.1 | 10.85166 |
| 31361 | GLOBAL | Cartesian | 29.92272 | -0.1 | 10.66661 | No | 29.92272 | -0.1 | 10.66661 |
| 31362 | GLOBAL | Cartesian | 29.92272 | -0.1 | 10.48155 | No | 29.92272 | -0.1 | 10.48155 |
| 31363 | GLOBAL | Cartesian | 29.92272 | -0.1 | 10.2965 | No | 29.92272 | -0.1 | 10.2965 |
| 31364 | GLOBAL | Cartesian | 29.92272 | -0.1 | 10.11144 | No | 29.92272 | -0.1 | 10.11144 |
| 31365 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.92638 | No | 29.92272 | -0.1 | 9.92638 |
| 31366 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.74133 | No | 29.92272 | -0.1 | 9.74133 |
| 31367 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.55627 | No | 29.92272 | -0.1 | 9.55627 |
| 31368 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.37122 | No | 29.92272 | -0.1 | 9.37122 |
| 31369 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.18616 | No | 29.92272 | -0.1 | 9.18616 |
| 31370 | GLOBAL | Cartesian | 29.92272 | -0.1 | 9.00111 | No | 29.92272 | -0.1 | 9.00111 |
| 31371 | GLOBAL | Cartesian | 29.92272 | -0.1 | 8.82279 | No | 29.92272 | -0.1 | 8.82279 |
| 31372 | GLOBAL | Cartesian | 29.92272 | -0.1 | 8.64447 | No | 29.92272 | -0.1 | 8.64447 |
| 31373 | GLOBAL | Cartesian | 29.92272 | -0.1 | 8.46616 | No | 29.92272 | -0.1 | 8.46616 |
| 31374 | GLOBAL | Cartesian | 29.92272 | 0.1 | 11.32226 | No | 29.92272 | 0.1 | 11.32226 |
| 31375 | GLOBAL | Cartesian | 29.92272 | 0.1 | 11.22177 | No | 29.92272 | 0.1 | 11.22177 |
| 31376 | GLOBAL | Cartesian | 29.92272 | 0.1 | 11.03672 | No | 29.92272 | 0.1 | 11.03672 |
| 31377 | GLOBAL | Cartesian | 29.92272 | 0.1 | 10.85166 | No | 29.92272 | 0.1 | 10.85166 |
| 31378 | GLOBAL | Cartesian | 29.92272 | 0.1 | 10.66661 | No | 29.92272 | 0.1 | 10.66661 |
| 31379 | GLOBAL | Cartesian | 29.92272 | 0.1 | 10.48155 | No | 29.92272 | 0.1 | 10.48155 |
| 31380 | GLOBAL | Cartesian | 29.92272 | 0.1 | 10.2965 | No | 29.92272 | 0.1 | 10.2965 |
| 31381 | GLOBAL | Cartesian | 29.92272 | 0.1 | 10.11144 | No | 29.92272 | 0.1 | 10.11144 |
| 31382 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.92638 | No | 29.92272 | 0.1 | 9.92638 |
| 31383 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.74133 | No | 29.92272 | 0.1 | 9.74133 |
| 31384 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.55627 | No | 29.92272 | 0.1 | 9.55627 |
| 31385 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.37122 | No | 29.92272 | 0.1 | 9.37122 |
| 31386 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.18616 | No | 29.92272 | 0.1 | 9.18616 |
| 31387 | GLOBAL | Cartesian | 29.92272 | 0.1 | 9.00111 | No | 29.92272 | 0.1 | 9.00111 |
| 31388 | GLOBAL | Cartesian | 29.92272 | 0.1 | 8.82279 | No | 29.92272 | 0.1 | 8.82279 |
| 31389 | GLOBAL | Cartesian | 29.92272 | 0.1 | 8.64447 | No | 29.92272 | 0.1 | 8.64447 |
| 31390 | GLOBAL | Cartesian | 29.92272 | 0.1 | 8.46616 | No | 29.92272 | 0.1 | 8.46616 |
| 31391 | GLOBAL | Cartesian | 29.92272 | -0.2 | 11.32226 | No | 29.92272 | -0.2 | 11.32226 |
| 31392 | GLOBAL | Cartesian | 29.92272 | -0.2 | 11.22177 | No | 29.92272 | -0.2 | 11.22177 |
| 31393 | GLOBAL | Cartesian | 29.92272 | -0.2 | 11.03672 | No | 29.92272 | -0.2 | 11.03672 |
| 31394 | GLOBAL | Cartesian | 29.92272 | -0.2 | 10.85166 | No | 29.92272 | -0.2 | 10.85166 |
| 31395 | GLOBAL | Cartesian | 29.92272 | -0.2 | 10.66661 | No | 29.92272 | -0.2 | 10.66661 |
| 31396 | GLOBAL | Cartesian | 29.92272 | -0.2 | 10.48155 | No | 29.92272 | -0.2 | 10.48155 |
| 31397 | GLOBAL | Cartesian | 29.92272 | -0.2 | 10.2965 | No | 29.92272 | -0.2 | 10.2965 |
| 31398 | GLOBAL | Cartesian | 29.92272 | -0.2 | 10.11144 | No | 29.92272 | -0.2 | 10.11144 |
| 31399 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.92638 | No | 29.92272 | -0.2 | 9.92638 |
| 31400 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.74133 | No | 29.92272 | -0.2 | 9.74133 |
| 31401 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.55627 | No | 29.92272 | -0.2 | 9.55627 |
| 31402 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.37122 | No | 29.92272 | -0.2 | 9.37122 |
| 31403 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.18616 | No | 29.92272 | -0.2 | 9.18616 |
| 31404 | GLOBAL | Cartesian | 29.92272 | -0.2 | 9.00111 | No | 29.92272 | -0.2 | 9.00111 |
| 31405 | GLOBAL | Cartesian | 29.92272 | -0.2 | 8.82279 | No | 29.92272 | -0.2 | 8.82279 |
| 31406 | GLOBAL | Cartesian | 29.92272 | -0.2 | 8.64447 | No | 29.92272 | -0.2 | 8.64447 |
| 31407 | GLOBAL | Cartesian | 29.92272 | -0.2 | 8.46616 | No | 29.92272 | -0.2 | 8.46616 |
| 31408 | GLOBAL | Cartesian | 29.92272 | 0.2 | 11.32226 | No | 29.92272 | 0.2 | 11.32226 |
| 31409 | GLOBAL | Cartesian | 29.92272 | 0.2 | 11.22177 | No | 29.92272 | 0.2 | 11.22177 |
| 31410 | GLOBAL | Cartesian | 29.92272 | 0.2 | 11.03672 | No | 29.92272 | 0.2 | 11.03672 |
| 31411 | GLOBAL | Cartesian | 29.92272 | 0.2 | 10.85166 | No | 29.92272 | 0.2 | 10.85166 |
| 31412 | GLOBAL | Cartesian | 29.92272 | 0.2 | 10.66661 | No | 29.92272 | 0.2 | 10.66661 |
| 31413 | GLOBAL | Cartesian | 29.92272 | 0.2 | 10.48155 | No | 29.92272 | 0.2 | 10.48155 |
| 31414 | GLOBAL | Cartesian | 29.92272 | 0.2 | 10.2965 | No | 29.92272 | 0.2 | 10.2965 |
| 31415 | GLOBAL | Cartesian | 29.92272 | 0.2 | 10.11144 | No | 29.92272 | 0.2 | 10.11144 |
| 31416 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.92638 | No | 29.92272 | 0.2 | 9.92638 |
| 31417 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.74133 | No | 29.92272 | 0.2 | 9.74133 |
| 31418 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.55627 | No | 29.92272 | 0.2 | 9.55627 |
| 31419 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.37122 | No | 29.92272 | 0.2 | 9.37122 |
| 31420 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.18616 | No | 29.92272 | 0.2 | 9.18616 |
| 31421 | GLOBAL | Cartesian | 29.92272 | 0.2 | 9.00111 | No | 29.92272 | 0.2 | 9.00111 |
| 31422 | GLOBAL | Cartesian | 29.92272 | 0.2 | 8.82279 | No | 29.92272 | 0.2 | 8.82279 |
| 31423 | GLOBAL | Cartesian | 29.92272 | 0.2 | 8.64447 | No | 29.92272 | 0.2 | 8.64447 |
| 31424 | GLOBAL | Cartesian | 29.92272 | 0.2 | 8.46616 | No | 29.92272 | 0.2 | 8.46616 |
| 31425 | GLOBAL | Cartesian | 32.92268 | -0.1 | 11.32226 | No | 32.92268 | -0.1 | 11.32226 |
| 31426 | GLOBAL | Cartesian | 32.92268 | -0.1 | 11.22177 | No | 32.92268 | -0.1 | 11.22177 |
| 31427 | GLOBAL | Cartesian | 32.92268 | -0.1 | 11.03672 | No | 32.92268 | -0.1 | 11.03672 |
| 31428 | GLOBAL | Cartesian | 32.92268 | -0.1 | 10.85166 | No | 32.92268 | -0.1 | 10.85166 |
| 31429 | GLOBAL | Cartesian | 32.92268 | -0.1 | 10.66661 | No | 32.92268 | -0.1 | 10.66661 |
| 31430 | GLOBAL | Cartesian | 32.92268 | -0.1 | 10.48155 | No | 32.92268 | -0.1 | 10.48155 |
| 31431 | GLOBAL | Cartesian | 32.92268 | -0.1 | 10.2965 | No | 32.92268 | -0.1 | 10.2965 |
| 31432 | GLOBAL | Cartesian | 32.92268 | -0.1 | 10.11144 | No | 32.92268 | -0.1 | 10.11144 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31433 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.92638 | No | 32.92268 | -0.1 | 9.92638 |
| 31434 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.74133 | No | 32.92268 | -0.1 | 9.74133 |
| 31435 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.55627 | No | 32.92268 | -0.1 | 9.55627 |
| 31436 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.37122 | No | 32.92268 | -0.1 | 9.37122 |
| 31437 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.18616 | No | 32.92268 | -0.1 | 9.18616 |
| 31438 | GLOBAL | Cartesian | 32.92268 | -0.1 | 9.00111 | No | 32.92268 | -0.1 | 9.00111 |
| 31439 | GLOBAL | Cartesian | 32.92268 | -0.1 | 8.82279 | No | 32.92268 | -0.1 | 8.82279 |
| 31440 | GLOBAL | Cartesian | 32.92268 | -0.1 | 8.64447 | No | 32.92268 | -0.1 | 8.64447 |
| 31441 | GLOBAL | Cartesian | 32.92268 | -0.1 | 8.46616 | No | 32.92268 | -0.1 | 8.46616 |
| 31442 | GLOBAL | Cartesian | 32.92268 | 0.1 | 11.32226 | No | 32.92268 | 0.1 | 11.32226 |
| 31443 | GLOBAL | Cartesian | 32.92268 | 0.1 | 11.22177 | No | 32.92268 | 0.1 | 11.22177 |
| 31444 | GLOBAL | Cartesian | 32.92268 | 0.1 | 11.03672 | No | 32.92268 | 0.1 | 11.03672 |
| 31445 | GLOBAL | Cartesian | 32.92268 | 0.1 | 10.85166 | No | 32.92268 | 0.1 | 10.85166 |
| 31446 | GLOBAL | Cartesian | 32.92268 | 0.1 | 10.66661 | No | 32.92268 | 0.1 | 10.66661 |
| 31447 | GLOBAL | Cartesian | 32.92268 | 0.1 | 10.48155 | No | 32.92268 | 0.1 | 10.48155 |
| 31448 | GLOBAL | Cartesian | 32.92268 | 0.1 | 10.2965 | No | 32.92268 | 0.1 | 10.2965 |
| 31449 | GLOBAL | Cartesian | 32.92268 | 0.1 | 10.11144 | No | 32.92268 | 0.1 | 10.11144 |
| 31450 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.92638 | No | 32.92268 | 0.1 | 9.92638 |
| 31451 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.74133 | No | 32.92268 | 0.1 | 9.74133 |
| 31452 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.55627 | No | 32.92268 | 0.1 | 9.55627 |
| 31453 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.37122 | No | 32.92268 | 0.1 | 9.37122 |
| 31454 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.18616 | No | 32.92268 | 0.1 | 9.18616 |
| 31455 | GLOBAL | Cartesian | 32.92268 | 0.1 | 9.00111 | No | 32.92268 | 0.1 | 9.00111 |
| 31456 | GLOBAL | Cartesian | 32.92268 | 0.1 | 8.82279 | No | 32.92268 | 0.1 | 8.82279 |
| 31457 | GLOBAL | Cartesian | 32.92268 | 0.1 | 8.64447 | No | 32.92268 | 0.1 | 8.64447 |
| 31458 | GLOBAL | Cartesian | 32.92268 | 0.1 | 8.46616 | No | 32.92268 | 0.1 | 8.46616 |
| 31459 | GLOBAL | Cartesian | 32.92268 | -0.2 | 11.32226 | No | 32.92268 | -0.2 | 11.32226 |
| 31460 | GLOBAL | Cartesian | 32.92268 | -0.2 | 11.22177 | No | 32.92268 | -0.2 | 11.22177 |
| 31461 | GLOBAL | Cartesian | 32.92268 | -0.2 | 11.03672 | No | 32.92268 | -0.2 | 11.03672 |
| 31462 | GLOBAL | Cartesian | 32.92268 | -0.2 | 10.85166 | No | 32.92268 | -0.2 | 10.85166 |
| 31463 | GLOBAL | Cartesian | 32.92268 | -0.2 | 10.66661 | No | 32.92268 | -0.2 | 10.66661 |
| 31464 | GLOBAL | Cartesian | 32.92268 | -0.2 | 10.48155 | No | 32.92268 | -0.2 | 10.48155 |
| 31465 | GLOBAL | Cartesian | 32.92268 | -0.2 | 10.2965 | No | 32.92268 | -0.2 | 10.2965 |
| 31466 | GLOBAL | Cartesian | 32.92268 | -0.2 | 10.11144 | No | 32.92268 | -0.2 | 10.11144 |
| 31467 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.92638 | No | 32.92268 | -0.2 | 9.92638 |
| 31468 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.74133 | No | 32.92268 | -0.2 | 9.74133 |
| 31469 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.55627 | No | 32.92268 | -0.2 | 9.55627 |
| 31470 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.37122 | No | 32.92268 | -0.2 | 9.37122 |
| 31471 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.18616 | No | 32.92268 | -0.2 | 9.18616 |
| 31472 | GLOBAL | Cartesian | 32.92268 | -0.2 | 9.00111 | No | 32.92268 | -0.2 | 9.00111 |
| 31473 | GLOBAL | Cartesian | 32.92268 | -0.2 | 8.82279 | No | 32.92268 | -0.2 | 8.82279 |
| 31474 | GLOBAL | Cartesian | 32.92268 | -0.2 | 8.64447 | No | 32.92268 | -0.2 | 8.64447 |
| 31475 | GLOBAL | Cartesian | 32.92268 | -0.2 | 8.46616 | No | 32.92268 | -0.2 | 8.46616 |
| 31476 | GLOBAL | Cartesian | 32.92268 | 0.2 | 11.32226 | No | 32.92268 | 0.2 | 11.32226 |
| 31477 | GLOBAL | Cartesian | 32.92268 | 0.2 | 11.22177 | No | 32.92268 | 0.2 | 11.22177 |
| 31478 | GLOBAL | Cartesian | 32.92268 | 0.2 | 11.03672 | No | 32.92268 | 0.2 | 11.03672 |
| 31479 | GLOBAL | Cartesian | 32.92268 | 0.2 | 10.85166 | No | 32.92268 | 0.2 | 10.85166 |
| 31480 | GLOBAL | Cartesian | 32.92268 | 0.2 | 10.66661 | No | 32.92268 | 0.2 | 10.66661 |
| 31481 | GLOBAL | Cartesian | 32.92268 | 0.2 | 10.48155 | No | 32.92268 | 0.2 | 10.48155 |
| 31482 | GLOBAL | Cartesian | 32.92268 | 0.2 | 10.2965 | No | 32.92268 | 0.2 | 10.2965 |
| 31483 | GLOBAL | Cartesian | 32.92268 | 0.2 | 10.11144 | No | 32.92268 | 0.2 | 10.11144 |
| 31484 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.92638 | No | 32.92268 | 0.2 | 9.92638 |
| 31485 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.74133 | No | 32.92268 | 0.2 | 9.74133 |
| 31486 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.55627 | No | 32.92268 | 0.2 | 9.55627 |
| 31487 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.37122 | No | 32.92268 | 0.2 | 9.37122 |
| 31488 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.18616 | No | 32.92268 | 0.2 | 9.18616 |
| 31489 | GLOBAL | Cartesian | 32.92268 | 0.2 | 9.00111 | No | 32.92268 | 0.2 | 9.00111 |
| 31490 | GLOBAL | Cartesian | 32.92268 | 0.2 | 8.82279 | No | 32.92268 | 0.2 | 8.82279 |
| 31491 | GLOBAL | Cartesian | 32.92268 | 0.2 | 8.64447 | No | 32.92268 | 0.2 | 8.64447 |
| 31492 | GLOBAL | Cartesian | 32.92268 | 0.2 | 8.46616 | No | 32.92268 | 0.2 | 8.46616 |
| 31493 | GLOBAL | Cartesian | 35.92268 | -0.1 | 11.02651 | No | 35.92268 | -0.1 | 11.02651 |
| 31494 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.92603 | No | 35.92268 | -0.1 | 10.92603 |
| 31495 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.82797 | No | 35.92268 | -0.1 | 10.82797 |
| 31496 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.73044 | No | 35.92268 | -0.1 | 10.73044 |
| 31497 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.53486 | No | 35.92268 | -0.1 | 10.53486 |
| 31498 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.33928 | No | 35.92268 | -0.1 | 10.33928 |
| 31499 | GLOBAL | Cartesian | 35.92268 | -0.1 | 10.1437 | No | 35.92268 | -0.1 | 10.1437 |
| 31500 | GLOBAL | Cartesian | 35.92268 | -0.1 | 9.94811 | No | 35.92268 | -0.1 | 9.94811 |
| 31501 | GLOBAL | Cartesian | 35.92268 | -0.1 | 9.75253 | No | 35.92268 | -0.1 | 9.75253 |
| 31502 | GLOBAL | Cartesian | 35.92268 | -0.1 | 9.55695 | No | 35.92268 | -0.1 | 9.55695 |
| 31503 | GLOBAL | Cartesian | 35.92268 | -0.1 | 9.36136 | No | 35.92268 | -0.1 | 9.36136 |
| 31504 | GLOBAL | Cartesian | 35.92268 | -0.1 | 9.16578 | No | 35.92268 | -0.1 | 9.16578 |
| 31505 | GLOBAL | Cartesian | 35.92268 | -0.1 | 8.9702 | No | 35.92268 | -0.1 | 8.9702 |
| 31506 | GLOBAL | Cartesian | 35.92268 | -0.1 | 8.79254 | No | 35.92268 | -0.1 | 8.79254 |
| 31507 | GLOBAL | Cartesian | 35.92268 | -0.1 | 8.61489 | No | 35.92268 | -0.1 | 8.61489 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31508 | GLOBAL | Cartesian | 35.92268 | -0.1 | 8.43723 | No | 35.92268 | -0.1 | 8.43723 |
| 31509 | GLOBAL | Cartesian | 35.92268 | 0.1 | 11.02651 | No | 35.92268 | 0.1 | 11.02651 |
| 31510 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.92603 | No | 35.92268 | 0.1 | 10.92603 |
| 31511 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.82797 | No | 35.92268 | 0.1 | 10.82797 |
| 31512 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.73044 | No | 35.92268 | 0.1 | 10.73044 |
| 31513 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.53486 | No | 35.92268 | 0.1 | 10.53486 |
| 31514 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.33928 | No | 35.92268 | 0.1 | 10.33928 |
| 31515 | GLOBAL | Cartesian | 35.92268 | 0.1 | 10.1437 | No | 35.92268 | 0.1 | 10.1437 |
| 31516 | GLOBAL | Cartesian | 35.92268 | 0.1 | 9.94811 | No | 35.92268 | 0.1 | 9.94811 |
| 31517 | GLOBAL | Cartesian | 35.92268 | 0.1 | 9.75253 | No | 35.92268 | 0.1 | 9.75253 |
| 31518 | GLOBAL | Cartesian | 35.92268 | 0.1 | 9.55695 | No | 35.92268 | 0.1 | 9.55695 |
| 31519 | GLOBAL | Cartesian | 35.92268 | 0.1 | 9.36136 | No | 35.92268 | 0.1 | 9.36136 |
| 31520 | GLOBAL | Cartesian | 35.92268 | 0.1 | 9.16578 | No | 35.92268 | 0.1 | 9.16578 |
| 31521 | GLOBAL | Cartesian | 35.92268 | 0.1 | 8.9702 | No | 35.92268 | 0.1 | 8.9702 |
| 31522 | GLOBAL | Cartesian | 35.92268 | 0.1 | 8.79254 | No | 35.92268 | 0.1 | 8.79254 |
| 31523 | GLOBAL | Cartesian | 35.92268 | 0.1 | 8.61489 | No | 35.92268 | 0.1 | 8.61489 |
| 31524 | GLOBAL | Cartesian | 35.92268 | 0.1 | 8.43723 | No | 35.92268 | 0.1 | 8.43723 |
| 31525 | GLOBAL | Cartesian | 35.92268 | -0.2 | 11.02651 | No | 35.92268 | -0.2 | 11.02651 |
| 31526 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.92603 | No | 35.92268 | -0.2 | 10.92603 |
| 31527 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.82797 | No | 35.92268 | -0.2 | 10.82797 |
| 31528 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.73044 | No | 35.92268 | -0.2 | 10.73044 |
| 31529 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.53486 | No | 35.92268 | -0.2 | 10.53486 |
| 31530 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.33928 | No | 35.92268 | -0.2 | 10.33928 |
| 31531 | GLOBAL | Cartesian | 35.92268 | -0.2 | 10.1437 | No | 35.92268 | -0.2 | 10.1437 |
| 31532 | GLOBAL | Cartesian | 35.92268 | -0.2 | 9.94811 | No | 35.92268 | -0.2 | 9.94811 |
| 31533 | GLOBAL | Cartesian | 35.92268 | -0.2 | 9.75253 | No | 35.92268 | -0.2 | 9.75253 |
| 31534 | GLOBAL | Cartesian | 35.92268 | -0.2 | 9.55695 | No | 35.92268 | -0.2 | 9.55695 |
| 31535 | GLOBAL | Cartesian | 35.92268 | -0.2 | 9.36136 | No | 35.92268 | -0.2 | 9.36136 |
| 31536 | GLOBAL | Cartesian | 35.92268 | -0.2 | 9.16578 | No | 35.92268 | -0.2 | 9.16578 |
| 31537 | GLOBAL | Cartesian | 35.92268 | -0.2 | 8.9702 | No | 35.92268 | -0.2 | 8.9702 |
| 31538 | GLOBAL | Cartesian | 35.92268 | -0.2 | 8.79254 | No | 35.92268 | -0.2 | 8.79254 |
| 31539 | GLOBAL | Cartesian | 35.92268 | -0.2 | 8.61489 | No | 35.92268 | -0.2 | 8.61489 |
| 31540 | GLOBAL | Cartesian | 35.92268 | -0.2 | 8.43723 | No | 35.92268 | -0.2 | 8.43723 |
| 31541 | GLOBAL | Cartesian | 35.92268 | 0.2 | 11.02651 | No | 35.92268 | 0.2 | 11.02651 |
| 31542 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.92603 | No | 35.92268 | 0.2 | 10.92603 |
| 31543 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.82797 | No | 35.92268 | 0.2 | 10.82797 |
| 31544 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.73044 | No | 35.92268 | 0.2 | 10.73044 |
| 31545 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.53486 | No | 35.92268 | 0.2 | 10.53486 |
| 31546 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.33928 | No | 35.92268 | 0.2 | 10.33928 |
| 31547 | GLOBAL | Cartesian | 35.92268 | 0.2 | 10.1437 | No | 35.92268 | 0.2 | 10.1437 |
| 31548 | GLOBAL | Cartesian | 35.92268 | 0.2 | 9.94811 | No | 35.92268 | 0.2 | 9.94811 |
| 31549 | GLOBAL | Cartesian | 35.92268 | 0.2 | 9.75253 | No | 35.92268 | 0.2 | 9.75253 |
| 31550 | GLOBAL | Cartesian | 35.92268 | 0.2 | 9.55695 | No | 35.92268 | 0.2 | 9.55695 |
| 31551 | GLOBAL | Cartesian | 35.92268 | 0.2 | 9.36136 | No | 35.92268 | 0.2 | 9.36136 |
| 31552 | GLOBAL | Cartesian | 35.92268 | 0.2 | 9.16578 | No | 35.92268 | 0.2 | 9.16578 |
| 31553 | GLOBAL | Cartesian | 35.92268 | 0.2 | 8.9702 | No | 35.92268 | 0.2 | 8.9702 |
| 31554 | GLOBAL | Cartesian | 35.92268 | 0.2 | 8.79254 | No | 35.92268 | 0.2 | 8.79254 |
| 31555 | GLOBAL | Cartesian | 35.92268 | 0.2 | 8.61489 | No | 35.92268 | 0.2 | 8.61489 |
| 31556 | GLOBAL | Cartesian | 35.92268 | 0.2 | 8.43723 | No | 35.92268 | 0.2 | 8.43723 |
| 31557 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.73077 | No | 38.92268 | -0.1 | 10.73077 |
| 31558 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.63028 | No | 38.92268 | -0.1 | 10.63028 |
| 31559 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.56674 | No | 38.92268 | -0.1 | 10.56674 |
| 31560 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.50319 | No | 38.92268 | -0.1 | 10.50319 |
| 31561 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.43964 | No | 38.92268 | -0.1 | 10.43964 |
| 31562 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.24901 | No | 38.92268 | -0.1 | 10.24901 |
| 31563 | GLOBAL | Cartesian | 38.92268 | -0.1 | 10.05837 | No | 38.92268 | -0.1 | 10.05837 |
| 31564 | GLOBAL | Cartesian | 38.92268 | -0.1 | 9.86773 | No | 38.92268 | -0.1 | 9.86773 |
| 31565 | GLOBAL | Cartesian | 38.92268 | -0.1 | 9.6771 | No | 38.92268 | -0.1 | 9.6771 |
| 31566 | GLOBAL | Cartesian | 38.92268 | -0.1 | 9.48646 | No | 38.92268 | -0.1 | 9.48646 |
| 31567 | GLOBAL | Cartesian | 38.92268 | -0.1 | 9.29583 | No | 38.92268 | -0.1 | 9.29583 |
| 31568 | GLOBAL | Cartesian | 38.92268 | -0.1 | 9.10519 | No | 38.92268 | -0.1 | 9.10519 |
| 31569 | GLOBAL | Cartesian | 38.92268 | -0.1 | 8.91455 | No | 38.92268 | -0.1 | 8.91455 |
| 31570 | GLOBAL | Cartesian | 38.92268 | -0.1 | 8.73689 | No | 38.92268 | -0.1 | 8.73689 |
| 31571 | GLOBAL | Cartesian | 38.92268 | -0.1 | 8.55922 | No | 38.92268 | -0.1 | 8.55922 |
| 31572 | GLOBAL | Cartesian | 38.92268 | -0.1 | 8.38156 | No | 38.92268 | -0.1 | 8.38156 |
| 31573 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.73077 | No | 38.92268 | 0.1 | 10.73077 |
| 31574 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.63028 | No | 38.92268 | 0.1 | 10.63028 |
| 31575 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.56674 | No | 38.92268 | 0.1 | 10.56674 |
| 31576 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.50319 | No | 38.92268 | 0.1 | 10.50319 |
| 31577 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.43964 | No | 38.92268 | 0.1 | 10.43964 |
| 31578 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.24901 | No | 38.92268 | 0.1 | 10.24901 |
| 31579 | GLOBAL | Cartesian | 38.92268 | 0.1 | 10.05837 | No | 38.92268 | 0.1 | 10.05837 |
| 31580 | GLOBAL | Cartesian | 38.92268 | 0.1 | 9.86773 | No | 38.92268 | 0.1 | 9.86773 |
| 31581 | GLOBAL | Cartesian | 38.92268 | 0.1 | 9.6771 | No | 38.92268 | 0.1 | 9.6771 |
| 31582 | GLOBAL | Cartesian | 38.92268 | 0.1 | 9.48646 | No | 38.92268 | 0.1 | 9.48646 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31583 | GLOBAL | Cartesian | 38.92268 | 0.1 | 9.29583 | No | 38.92268 | 0.1 | 9.29583 |
| 31584 | GLOBAL | Cartesian | 38.92268 | 0.1 | 9.10519 | No | 38.92268 | 0.1 | 9.10519 |
| 31585 | GLOBAL | Cartesian | 38.92268 | 0.1 | 8.91455 | No | 38.92268 | 0.1 | 8.91455 |
| 31586 | GLOBAL | Cartesian | 38.92268 | 0.1 | 8.73689 | No | 38.92268 | 0.1 | 8.73689 |
| 31587 | GLOBAL | Cartesian | 38.92268 | 0.1 | 8.55922 | No | 38.92268 | 0.1 | 8.55922 |
| 31588 | GLOBAL | Cartesian | 38.92268 | 0.1 | 8.38156 | No | 38.92268 | 0.1 | 8.38156 |
| 31589 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.73077 | No | 38.92268 | -0.2 | 10.73077 |
| 31590 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.63028 | No | 38.92268 | -0.2 | 10.63028 |
| 31591 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.56674 | No | 38.92268 | -0.2 | 10.56674 |
| 31592 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.50319 | No | 38.92268 | -0.2 | 10.50319 |
| 31593 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.43964 | No | 38.92268 | -0.2 | 10.43964 |
| 31594 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.24901 | No | 38.92268 | -0.2 | 10.24901 |
| 31595 | GLOBAL | Cartesian | 38.92268 | -0.2 | 10.05837 | No | 38.92268 | -0.2 | 10.05837 |
| 31596 | GLOBAL | Cartesian | 38.92268 | -0.2 | 9.86773 | No | 38.92268 | -0.2 | 9.86773 |
| 31597 | GLOBAL | Cartesian | 38.92268 | -0.2 | 9.6771 | No | 38.92268 | -0.2 | 9.6771 |
| 31598 | GLOBAL | Cartesian | 38.92268 | -0.2 | 9.48646 | No | 38.92268 | -0.2 | 9.48646 |
| 31599 | GLOBAL | Cartesian | 38.92268 | -0.2 | 9.29583 | No | 38.92268 | -0.2 | 9.29583 |
| 31600 | GLOBAL | Cartesian | 38.92268 | -0.2 | 9.10519 | No | 38.92268 | -0.2 | 9.10519 |
| 31601 | GLOBAL | Cartesian | 38.92268 | -0.2 | 8.91455 | No | 38.92268 | -0.2 | 8.91455 |
| 31602 | GLOBAL | Cartesian | 38.92268 | -0.2 | 8.73689 | No | 38.92268 | -0.2 | 8.73689 |
| 31603 | GLOBAL | Cartesian | 38.92268 | -0.2 | 8.55922 | No | 38.92268 | -0.2 | 8.55922 |
| 31604 | GLOBAL | Cartesian | 38.92268 | -0.2 | 8.38156 | No | 38.92268 | -0.2 | 8.38156 |
| 31605 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.73077 | No | 38.92268 | 0.2 | 10.73077 |
| 31606 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.63028 | No | 38.92268 | 0.2 | 10.63028 |
| 31607 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.56674 | No | 38.92268 | 0.2 | 10.56674 |
| 31608 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.50319 | No | 38.92268 | 0.2 | 10.50319 |
| 31609 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.43964 | No | 38.92268 | 0.2 | 10.43964 |
| 31610 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.24901 | No | 38.92268 | 0.2 | 10.24901 |
| 31611 | GLOBAL | Cartesian | 38.92268 | 0.2 | 10.05837 | No | 38.92268 | 0.2 | 10.05837 |
| 31612 | GLOBAL | Cartesian | 38.92268 | 0.2 | 9.86773 | No | 38.92268 | 0.2 | 9.86773 |
| 31613 | GLOBAL | Cartesian | 38.92268 | 0.2 | 9.6771 | No | 38.92268 | 0.2 | 9.6771 |
| 31614 | GLOBAL | Cartesian | 38.92268 | 0.2 | 9.48646 | No | 38.92268 | 0.2 | 9.48646 |
| 31615 | GLOBAL | Cartesian | 38.92268 | 0.2 | 9.29583 | No | 38.92268 | 0.2 | 9.29583 |
| 31616 | GLOBAL | Cartesian | 38.92268 | 0.2 | 9.10519 | No | 38.92268 | 0.2 | 9.10519 |
| 31617 | GLOBAL | Cartesian | 38.92268 | 0.2 | 8.91455 | No | 38.92268 | 0.2 | 8.91455 |
| 31618 | GLOBAL | Cartesian | 38.92268 | 0.2 | 8.73689 | No | 38.92268 | 0.2 | 8.73689 |
| 31619 | GLOBAL | Cartesian | 38.92268 | 0.2 | 8.55922 | No | 38.92268 | 0.2 | 8.55922 |
| 31620 | GLOBAL | Cartesian | 38.92268 | 0.2 | 8.38156 | No | 38.92268 | 0.2 | 8.38156 |
| 31621 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.43502 | No | 41.92268 | -0.1 | 10.43502 |
| 31622 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.33453 | No | 41.92268 | -0.1 | 10.33453 |
| 31623 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.27191 | No | 41.92268 | -0.1 | 10.27191 |
| 31624 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.20928 | No | 41.92268 | -0.1 | 10.20928 |
| 31625 | GLOBAL | Cartesian | 41.92268 | -0.1 | 10.14666 | No | 41.92268 | -0.1 | 10.14666 |
| 31626 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.95879 | No | 41.92268 | -0.1 | 9.95879 |
| 31627 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.77091 | No | 41.92268 | -0.1 | 9.77091 |
| 31628 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.58304 | No | 41.92268 | -0.1 | 9.58304 |
| 31629 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.39516 | No | 41.92268 | -0.1 | 9.39516 |
| 31630 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.20729 | No | 41.92268 | -0.1 | 9.20729 |
| 31631 | GLOBAL | Cartesian | 41.92268 | -0.1 | 9.01941 | No | 41.92268 | -0.1 | 9.01941 |
| 31632 | GLOBAL | Cartesian | 41.92268 | -0.1 | 8.83154 | No | 41.92268 | -0.1 | 8.83154 |
| 31633 | GLOBAL | Cartesian | 41.92268 | -0.1 | 8.65385 | No | 41.92268 | -0.1 | 8.65385 |
| 31634 | GLOBAL | Cartesian | 41.92268 | -0.1 | 8.47616 | No | 41.92268 | -0.1 | 8.47616 |
| 31635 | GLOBAL | Cartesian | 41.92268 | -0.1 | 8.29847 | No | 41.92268 | -0.1 | 8.29847 |
| 31636 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.43502 | No | 41.92268 | 0.1 | 10.43502 |
| 31637 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.33453 | No | 41.92268 | 0.1 | 10.33453 |
| 31638 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.27191 | No | 41.92268 | 0.1 | 10.27191 |
| 31639 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.20928 | No | 41.92268 | 0.1 | 10.20928 |
| 31640 | GLOBAL | Cartesian | 41.92268 | 0.1 | 10.14666 | No | 41.92268 | 0.1 | 10.14666 |
| 31641 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.95879 | No | 41.92268 | 0.1 | 9.95879 |
| 31642 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.77091 | No | 41.92268 | 0.1 | 9.77091 |
| 31643 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.58304 | No | 41.92268 | 0.1 | 9.58304 |
| 31644 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.39516 | No | 41.92268 | 0.1 | 9.39516 |
| 31645 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.20729 | No | 41.92268 | 0.1 | 9.20729 |
| 31646 | GLOBAL | Cartesian | 41.92268 | 0.1 | 9.01941 | No | 41.92268 | 0.1 | 9.01941 |
| 31647 | GLOBAL | Cartesian | 41.92268 | 0.1 | 8.83154 | No | 41.92268 | 0.1 | 8.83154 |
| 31648 | GLOBAL | Cartesian | 41.92268 | 0.1 | 8.65385 | No | 41.92268 | 0.1 | 8.65385 |
| 31649 | GLOBAL | Cartesian | 41.92268 | 0.1 | 8.47616 | No | 41.92268 | 0.1 | 8.47616 |
| 31650 | GLOBAL | Cartesian | 41.92268 | 0.1 | 8.29847 | No | 41.92268 | 0.1 | 8.29847 |
| 31651 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.43502 | No | 41.92268 | -0.2 | 10.43502 |
| 31652 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.33453 | No | 41.92268 | -0.2 | 10.33453 |
| 31653 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.27191 | No | 41.92268 | -0.2 | 10.27191 |
| 31654 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.20928 | No | 41.92268 | -0.2 | 10.20928 |
| 31655 | GLOBAL | Cartesian | 41.92268 | -0.2 | 10.14666 | No | 41.92268 | -0.2 | 10.14666 |
| 31656 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.95879 | No | 41.92268 | -0.2 | 9.95879 |
| 31657 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.77091 | No | 41.92268 | -0.2 | 9.77091 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31658 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.58304 | No | 41.92268 | -0.2 | 9.58304 |
| 31659 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.39516 | No | 41.92268 | -0.2 | 9.39516 |
| 31660 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.20729 | No | 41.92268 | -0.2 | 9.20729 |
| 31661 | GLOBAL | Cartesian | 41.92268 | -0.2 | 9.01941 | No | 41.92268 | -0.2 | 9.01941 |
| 31662 | GLOBAL | Cartesian | 41.92268 | -0.2 | 8.83154 | No | 41.92268 | -0.2 | 8.83154 |
| 31663 | GLOBAL | Cartesian | 41.92268 | -0.2 | 8.65385 | No | 41.92268 | -0.2 | 8.65385 |
| 31664 | GLOBAL | Cartesian | 41.92268 | -0.2 | 8.47616 | No | 41.92268 | -0.2 | 8.47616 |
| 31665 | GLOBAL | Cartesian | 41.92268 | -0.2 | 8.29847 | No | 41.92268 | -0.2 | 8.29847 |
| 31666 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.43502 | No | 41.92268 | 0.2 | 10.43502 |
| 31667 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.33453 | No | 41.92268 | 0.2 | 10.33453 |
| 31668 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.27191 | No | 41.92268 | 0.2 | 10.27191 |
| 31669 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.20928 | No | 41.92268 | 0.2 | 10.20928 |
| 31670 | GLOBAL | Cartesian | 41.92268 | 0.2 | 10.14666 | No | 41.92268 | 0.2 | 10.14666 |
| 31671 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.95879 | No | 41.92268 | 0.2 | 9.95879 |
| 31672 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.77091 | No | 41.92268 | 0.2 | 9.77091 |
| 31673 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.58304 | No | 41.92268 | 0.2 | 9.58304 |
| 31674 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.39516 | No | 41.92268 | 0.2 | 9.39516 |
| 31675 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.20729 | No | 41.92268 | 0.2 | 9.20729 |
| 31676 | GLOBAL | Cartesian | 41.92268 | 0.2 | 9.01941 | No | 41.92268 | 0.2 | 9.01941 |
| 31677 | GLOBAL | Cartesian | 41.92268 | 0.2 | 8.83154 | No | 41.92268 | 0.2 | 8.83154 |
| 31678 | GLOBAL | Cartesian | 41.92268 | 0.2 | 8.65385 | No | 41.92268 | 0.2 | 8.65385 |
| 31679 | GLOBAL | Cartesian | 41.92268 | 0.2 | 8.47616 | No | 41.92268 | 0.2 | 8.47616 |
| 31680 | GLOBAL | Cartesian | 41.92268 | 0.2 | 8.29847 | No | 41.92268 | 0.2 | 8.29847 |
| 31681 | GLOBAL | Cartesian | 44.92268 | -0.1 | 10.13927 | No | 44.92268 | -0.1 | 10.13927 |
| 31682 | GLOBAL | Cartesian | 44.92268 | -0.1 | 10.03879 | No | 44.92268 | -0.1 | 10.03879 |
| 31683 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.97604 | No | 44.92268 | -0.1 | 9.97604 |
| 31684 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.9133 | No | 44.92268 | -0.1 | 9.9133 |
| 31685 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.85055 | No | 44.92268 | -0.1 | 9.85055 |
| 31686 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.66231 | No | 44.92268 | -0.1 | 9.66231 |
| 31687 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.47408 | No | 44.92268 | -0.1 | 9.47408 |
| 31688 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.28584 | No | 44.92268 | -0.1 | 9.28584 |
| 31689 | GLOBAL | Cartesian | 44.92268 | -0.1 | 9.0976 | No | 44.92268 | -0.1 | 9.0976 |
| 31690 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.90937 | No | 44.92268 | -0.1 | 8.90937 |
| 31691 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.72113 | No | 44.92268 | -0.1 | 8.72113 |
| 31692 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.5434 | No | 44.92268 | -0.1 | 8.5434 |
| 31693 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.36567 | No | 44.92268 | -0.1 | 8.36567 |
| 31694 | GLOBAL | Cartesian | 44.92268 | -0.1 | 8.18795 | No | 44.92268 | -0.1 | 8.18795 |
| 31695 | GLOBAL | Cartesian | 44.92268 | 0.1 | 10.13927 | No | 44.92268 | 0.1 | 10.13927 |
| 31696 | GLOBAL | Cartesian | 44.92268 | 0.1 | 10.03879 | No | 44.92268 | 0.1 | 10.03879 |
| 31697 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.97604 | No | 44.92268 | 0.1 | 9.97604 |
| 31698 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.9133 | No | 44.92268 | 0.1 | 9.9133 |
| 31699 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.85055 | No | 44.92268 | 0.1 | 9.85055 |
| 31700 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.66231 | No | 44.92268 | 0.1 | 9.66231 |
| 31701 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.47408 | No | 44.92268 | 0.1 | 9.47408 |
| 31702 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.28584 | No | 44.92268 | 0.1 | 9.28584 |
| 31703 | GLOBAL | Cartesian | 44.92268 | 0.1 | 9.0976 | No | 44.92268 | 0.1 | 9.0976 |
| 31704 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.90937 | No | 44.92268 | 0.1 | 8.90937 |
| 31705 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.72113 | No | 44.92268 | 0.1 | 8.72113 |
| 31706 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.5434 | No | 44.92268 | 0.1 | 8.5434 |
| 31707 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.36567 | No | 44.92268 | 0.1 | 8.36567 |
| 31708 | GLOBAL | Cartesian | 44.92268 | 0.1 | 8.18795 | No | 44.92268 | 0.1 | 8.18795 |
| 31709 | GLOBAL | Cartesian | 44.92268 | -0.2 | 10.13927 | No | 44.92268 | -0.2 | 10.13927 |
| 31710 | GLOBAL | Cartesian | 44.92268 | -0.2 | 10.03879 | No | 44.92268 | -0.2 | 10.03879 |
| 31711 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.97604 | No | 44.92268 | -0.2 | 9.97604 |
| 31712 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.9133 | No | 44.92268 | -0.2 | 9.9133 |
| 31713 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.85055 | No | 44.92268 | -0.2 | 9.85055 |
| 31714 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.66231 | No | 44.92268 | -0.2 | 9.66231 |
| 31715 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.47408 | No | 44.92268 | -0.2 | 9.47408 |
| 31716 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.28584 | No | 44.92268 | -0.2 | 9.28584 |
| 31717 | GLOBAL | Cartesian | 44.92268 | -0.2 | 9.0976 | No | 44.92268 | -0.2 | 9.0976 |
| 31718 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.90937 | No | 44.92268 | -0.2 | 8.90937 |
| 31719 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.72113 | No | 44.92268 | -0.2 | 8.72113 |
| 31720 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.5434 | No | 44.92268 | -0.2 | 8.5434 |
| 31721 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.36567 | No | 44.92268 | -0.2 | 8.36567 |
| 31722 | GLOBAL | Cartesian | 44.92268 | -0.2 | 8.18795 | No | 44.92268 | -0.2 | 8.18795 |
| 31723 | GLOBAL | Cartesian | 44.92268 | 0.2 | 10.13927 | No | 44.92268 | 0.2 | 10.13927 |
| 31724 | GLOBAL | Cartesian | 44.92268 | 0.2 | 10.03879 | No | 44.92268 | 0.2 | 10.03879 |
| 31725 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.97604 | No | 44.92268 | 0.2 | 9.97604 |
| 31726 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.9133 | No | 44.92268 | 0.2 | 9.9133 |
| 31727 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.85055 | No | 44.92268 | 0.2 | 9.85055 |
| 31728 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.66231 | No | 44.92268 | 0.2 | 9.66231 |
| 31729 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.47408 | No | 44.92268 | 0.2 | 9.47408 |
| 31730 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.28584 | No | 44.92268 | 0.2 | 9.28584 |
| 31731 | GLOBAL | Cartesian | 44.92268 | 0.2 | 9.0976 | No | 44.92268 | 0.2 | 9.0976 |
| 31732 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.90937 | No | 44.92268 | 0.2 | 8.90937 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31733 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.72113 | No | 44.92268 | 0.2 | 8.72113 |
| 31734 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.5434 | No | 44.92268 | 0.2 | 8.5434 |
| 31735 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.36567 | No | 44.92268 | 0.2 | 8.36567 |
| 31736 | GLOBAL | Cartesian | 44.92268 | 0.2 | 8.18795 | No | 44.92268 | 0.2 | 8.18795 |
| 31737 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.84353 | No | 47.92268 | -0.1 | 9.84353 |
| 31738 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.74304 | No | 47.92268 | -0.1 | 9.74304 |
| 31739 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.67876 | No | 47.92268 | -0.1 | 9.67876 |
| 31740 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.61448 | No | 47.92268 | -0.1 | 9.61448 |
| 31741 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.5502 | No | 47.92268 | -0.1 | 9.5502 |
| 31742 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.35736 | No | 47.92268 | -0.1 | 9.35736 |
| 31743 | GLOBAL | Cartesian | 47.92268 | -0.1 | 9.16451 | No | 47.92268 | -0.1 | 9.16451 |
| 31744 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.97167 | No | 47.92268 | -0.1 | 8.97167 |
| 31745 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.77883 | No | 47.92268 | -0.1 | 8.77883 |
| 31746 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.58598 | No | 47.92268 | -0.1 | 8.58598 |
| 31747 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.40753 | No | 47.92268 | -0.1 | 8.40753 |
| 31748 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.22908 | No | 47.92268 | -0.1 | 8.22908 |
| 31749 | GLOBAL | Cartesian | 47.92268 | -0.1 | 8.05063 | No | 47.92268 | -0.1 | 8.05063 |
| 31750 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.84353 | No | 47.92268 | 0.1 | 9.84353 |
| 31751 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.74304 | No | 47.92268 | 0.1 | 9.74304 |
| 31752 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.67876 | No | 47.92268 | 0.1 | 9.67876 |
| 31753 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.61448 | No | 47.92268 | 0.1 | 9.61448 |
| 31754 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.5502 | No | 47.92268 | 0.1 | 9.5502 |
| 31755 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.35736 | No | 47.92268 | 0.1 | 9.35736 |
| 31756 | GLOBAL | Cartesian | 47.92268 | 0.1 | 9.16451 | No | 47.92268 | 0.1 | 9.16451 |
| 31757 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.97167 | No | 47.92268 | 0.1 | 8.97167 |
| 31758 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.77883 | No | 47.92268 | 0.1 | 8.77883 |
| 31759 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.58598 | No | 47.92268 | 0.1 | 8.58598 |
| 31760 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.40753 | No | 47.92268 | 0.1 | 8.40753 |
| 31761 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.22908 | No | 47.92268 | 0.1 | 8.22908 |
| 31762 | GLOBAL | Cartesian | 47.92268 | 0.1 | 8.05063 | No | 47.92268 | 0.1 | 8.05063 |
| 31765 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.84353 | No | 47.92268 | -0.2 | 9.84353 |
| 31766 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.74304 | No | 47.92268 | -0.2 | 9.74304 |
| 31767 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.67876 | No | 47.92268 | -0.2 | 9.67876 |
| 31768 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.61448 | No | 47.92268 | -0.2 | 9.61448 |
| 31769 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.5502 | No | 47.92268 | -0.2 | 9.5502 |
| 31770 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.35736 | No | 47.92268 | -0.2 | 9.35736 |
| 31771 | GLOBAL | Cartesian | 47.92268 | -0.2 | 9.16451 | No | 47.92268 | -0.2 | 9.16451 |
| 31772 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.97167 | No | 47.92268 | -0.2 | 8.97167 |
| 31773 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.77883 | No | 47.92268 | -0.2 | 8.77883 |
| 31774 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.58598 | No | 47.92268 | -0.2 | 8.58598 |
| 31775 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.40753 | No | 47.92268 | -0.2 | 8.40753 |
| 31776 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.22908 | No | 47.92268 | -0.2 | 8.22908 |
| 31777 | GLOBAL | Cartesian | 47.92268 | -0.2 | 8.05063 | No | 47.92268 | -0.2 | 8.05063 |
| 31778 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.84353 | No | 47.92268 | 0.2 | 9.84353 |
| 31779 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.74304 | No | 47.92268 | 0.2 | 9.74304 |
| 31780 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.67876 | No | 47.92268 | 0.2 | 9.67876 |
| 31781 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.61448 | No | 47.92268 | 0.2 | 9.61448 |
| 31782 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.5502 | No | 47.92268 | 0.2 | 9.5502 |
| 31783 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.35736 | No | 47.92268 | 0.2 | 9.35736 |
| 31784 | GLOBAL | Cartesian | 47.92268 | 0.2 | 9.16451 | No | 47.92268 | 0.2 | 9.16451 |
| 31785 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.97167 | No | 47.92268 | 0.2 | 8.97167 |
| 31786 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.77883 | No | 47.92268 | 0.2 | 8.77883 |
| 31787 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.58598 | No | 47.92268 | 0.2 | 8.58598 |
| 31788 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.40753 | No | 47.92268 | 0.2 | 8.40753 |
| 31789 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.22908 | No | 47.92268 | 0.2 | 8.22908 |
| 31790 | GLOBAL | Cartesian | 47.92268 | 0.2 | 8.05063 | No | 47.92268 | 0.2 | 8.05063 |
| 31791 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.54778 | No | 50.92268 | -0.1 | 9.54778 |
| 31792 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.44729 | No | 50.92268 | -0.1 | 9.44729 |
| 31793 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.39177 | No | 50.92268 | -0.1 | 9.39177 |
| 31794 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.33625 | No | 50.92268 | -0.1 | 9.33625 |
| 31795 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.28073 | No | 50.92268 | -0.1 | 9.28073 |
| 31796 | GLOBAL | Cartesian | 50.92268 | -0.1 | 9.11416 | No | 50.92268 | -0.1 | 9.11416 |
| 31797 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.94759 | No | 50.92268 | -0.1 | 8.94759 |
| 31798 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.78102 | No | 50.92268 | -0.1 | 8.78102 |
| 31799 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.61446 | No | 50.92268 | -0.1 | 8.61446 |
| 31800 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.44789 | No | 50.92268 | -0.1 | 8.44789 |
| 31801 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.26259 | No | 50.92268 | -0.1 | 8.26259 |
| 31802 | GLOBAL | Cartesian | 50.92268 | -0.1 | 8.0773 | No | 50.92268 | -0.1 | 8.0773 |
| 31803 | GLOBAL | Cartesian | 50.92268 | -0.1 | 7.892 | No | 50.92268 | -0.1 | 7.892 |
| 31804 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.54778 | No | 50.92268 | 0.1 | 9.54778 |
| 31805 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.44729 | No | 50.92268 | 0.1 | 9.44729 |
| 31806 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.39177 | No | 50.92268 | 0.1 | 9.39177 |
| 31807 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.33625 | No | 50.92268 | 0.1 | 9.33625 |
| 31808 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.28073 | No | 50.92268 | 0.1 | 9.28073 |
| 31809 | GLOBAL | Cartesian | 50.92268 | 0.1 | 9.11416 | No | 50.92268 | 0.1 | 9.11416 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31810 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.94759 | No | 50.92268 | 0.1 | 8.94759 |
| 31811 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.78102 | No | 50.92268 | 0.1 | 8.78102 |
| 31812 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.61446 | No | 50.92268 | 0.1 | 8.61446 |
| 31813 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.44789 | No | 50.92268 | 0.1 | 8.44789 |
| 31814 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.26259 | No | 50.92268 | 0.1 | 8.26259 |
| 31815 | GLOBAL | Cartesian | 50.92268 | 0.1 | 8.0773 | No | 50.92268 | 0.1 | 8.0773 |
| 31816 | GLOBAL | Cartesian | 50.92268 | 0.1 | 7.892 | No | 50.92268 | 0.1 | 7.892 |
| 31817 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.54778 | No | 50.92268 | -0.2 | 9.54778 |
| 31818 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.44729 | No | 50.92268 | -0.2 | 9.44729 |
| 31819 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.39177 | No | 50.92268 | -0.2 | 9.39177 |
| 31820 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.33625 | No | 50.92268 | -0.2 | 9.33625 |
| 31821 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.28073 | No | 50.92268 | -0.2 | 9.28073 |
| 31822 | GLOBAL | Cartesian | 50.92268 | -0.2 | 9.11416 | No | 50.92268 | -0.2 | 9.11416 |
| 31823 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.94759 | No | 50.92268 | -0.2 | 8.94759 |
| 31824 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.78102 | No | 50.92268 | -0.2 | 8.78102 |
| 31825 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.61446 | No | 50.92268 | -0.2 | 8.61446 |
| 31826 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.44789 | No | 50.92268 | -0.2 | 8.44789 |
| 31827 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.26259 | No | 50.92268 | -0.2 | 8.26259 |
| 31828 | GLOBAL | Cartesian | 50.92268 | -0.2 | 8.0773 | No | 50.92268 | -0.2 | 8.0773 |
| 31829 | GLOBAL | Cartesian | 50.92268 | -0.2 | 7.892 | No | 50.92268 | -0.2 | 7.892 |
| 31830 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.54778 | No | 50.92268 | 0.2 | 9.54778 |
| 31831 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.44729 | No | 50.92268 | 0.2 | 9.44729 |
| 31832 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.39177 | No | 50.92268 | 0.2 | 9.39177 |
| 31833 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.33625 | No | 50.92268 | 0.2 | 9.33625 |
| 31834 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.28073 | No | 50.92268 | 0.2 | 9.28073 |
| 31835 | GLOBAL | Cartesian | 50.92268 | 0.2 | 9.11416 | No | 50.92268 | 0.2 | 9.11416 |
| 31836 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.94759 | No | 50.92268 | 0.2 | 8.94759 |
| 31837 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.78102 | No | 50.92268 | 0.2 | 8.78102 |
| 31838 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.61446 | No | 50.92268 | 0.2 | 8.61446 |
| 31839 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.44789 | No | 50.92268 | 0.2 | 8.44789 |
| 31840 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.26259 | No | 50.92268 | 0.2 | 8.26259 |
| 31841 | GLOBAL | Cartesian | 50.92268 | 0.2 | 8.0773 | No | 50.92268 | 0.2 | 8.0773 |
| 31842 | GLOBAL | Cartesian | 50.92268 | 0.2 | 7.892 | No | 50.92268 | 0.2 | 7.892 |
| 31843 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.25203 | No | 53.92268 | -0.1 | 9.25203 |
| 31844 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.15155 | No | 53.92268 | -0.1 | 9.15155 |
| 31845 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.10478 | No | 53.92268 | -0.1 | 9.10478 |
| 31846 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.05802 | No | 53.92268 | -0.1 | 9.05802 |
| 31847 | GLOBAL | Cartesian | 53.92268 | -0.1 | 9.01126 | No | 53.92268 | -0.1 | 9.01126 |
| 31848 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.87096 | No | 53.92268 | -0.1 | 8.87096 |
| 31849 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.73067 | No | 53.92268 | -0.1 | 8.73067 |
| 31850 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.59038 | No | 53.92268 | -0.1 | 8.59038 |
| 31851 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.45009 | No | 53.92268 | -0.1 | 8.45009 |
| 31852 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.30979 | No | 53.92268 | -0.1 | 8.30979 |
| 31853 | GLOBAL | Cartesian | 53.92268 | -0.1 | 8.11402 | No | 53.92268 | -0.1 | 8.11402 |
| 31854 | GLOBAL | Cartesian | 53.92268 | -0.1 | 7.91825 | No | 53.92268 | -0.1 | 7.91825 |
| 31855 | GLOBAL | Cartesian | 53.92268 | -0.1 | 7.72248 | No | 53.92268 | -0.1 | 7.72248 |
| 31856 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.25203 | No | 53.92268 | 0.1 | 9.25203 |
| 31857 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.15155 | No | 53.92268 | 0.1 | 9.15155 |
| 31858 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.10478 | No | 53.92268 | 0.1 | 9.10478 |
| 31859 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.05802 | No | 53.92268 | 0.1 | 9.05802 |
| 31860 | GLOBAL | Cartesian | 53.92268 | 0.1 | 9.01126 | No | 53.92268 | 0.1 | 9.01126 |
| 31861 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.87096 | No | 53.92268 | 0.1 | 8.87096 |
| 31862 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.73067 | No | 53.92268 | 0.1 | 8.73067 |
| 31863 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.59038 | No | 53.92268 | 0.1 | 8.59038 |
| 31864 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.45009 | No | 53.92268 | 0.1 | 8.45009 |
| 31865 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.30979 | No | 53.92268 | 0.1 | 8.30979 |
| 31866 | GLOBAL | Cartesian | 53.92268 | 0.1 | 8.11402 | No | 53.92268 | 0.1 | 8.11402 |
| 31867 | GLOBAL | Cartesian | 53.92268 | 0.1 | 7.91825 | No | 53.92268 | 0.1 | 7.91825 |
| 31868 | GLOBAL | Cartesian | 53.92268 | 0.1 | 7.72248 | No | 53.92268 | 0.1 | 7.72248 |
| 31869 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.25203 | No | 53.92268 | -0.2 | 9.25203 |
| 31870 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.15155 | No | 53.92268 | -0.2 | 9.15155 |
| 31871 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.10478 | No | 53.92268 | -0.2 | 9.10478 |
| 31872 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.05802 | No | 53.92268 | -0.2 | 9.05802 |
| 31873 | GLOBAL | Cartesian | 53.92268 | -0.2 | 9.01126 | No | 53.92268 | -0.2 | 9.01126 |
| 31874 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.87096 | No | 53.92268 | -0.2 | 8.87096 |
| 31875 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.73067 | No | 53.92268 | -0.2 | 8.73067 |
| 31876 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.59038 | No | 53.92268 | -0.2 | 8.59038 |
| 31877 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.45009 | No | 53.92268 | -0.2 | 8.45009 |
| 31878 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.30979 | No | 53.92268 | -0.2 | 8.30979 |
| 31879 | GLOBAL | Cartesian | 53.92268 | -0.2 | 8.11402 | No | 53.92268 | -0.2 | 8.11402 |
| 31880 | GLOBAL | Cartesian | 53.92268 | -0.2 | 7.91825 | No | 53.92268 | -0.2 | 7.91825 |
| 31881 | GLOBAL | Cartesian | 53.92268 | -0.2 | 7.72248 | No | 53.92268 | -0.2 | 7.72248 |
| 31882 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.25203 | No | 53.92268 | 0.2 | 9.25203 |
| 31883 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.15155 | No | 53.92268 | 0.2 | 9.15155 |
| 31884 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.10478 | No | 53.92268 | 0.2 | 9.10478 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31885 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.05802 | No | 53.92268 | 0.2 | 9.05802 |
| 31886 | GLOBAL | Cartesian | 53.92268 | 0.2 | 9.01126 | No | 53.92268 | 0.2 | 9.01126 |
| 31887 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.87096 | No | 53.92268 | 0.2 | 8.87096 |
| 31888 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.73067 | No | 53.92268 | 0.2 | 8.73067 |
| 31889 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.59038 | No | 53.92268 | 0.2 | 8.59038 |
| 31890 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.45009 | No | 53.92268 | 0.2 | 8.45009 |
| 31891 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.30979 | No | 53.92268 | 0.2 | 8.30979 |
| 31892 | GLOBAL | Cartesian | 53.92268 | 0.2 | 8.11402 | No | 53.92268 | 0.2 | 8.11402 |
| 31893 | GLOBAL | Cartesian | 53.92268 | 0.2 | 7.91825 | No | 53.92268 | 0.2 | 7.91825 |
| 31894 | GLOBAL | Cartesian | 53.92268 | 0.2 | 7.72248 | No | 53.92268 | 0.2 | 7.72248 |
| 31895 | GLOBAL | Cartesian | 31.42268 | 3.65 | 11.57062 | Yes | 31.42268 | 3.65 | 11.57062 |
| 31896 | GLOBAL | Cartesian | 32.72268 | 3.65 | 11.44246 | No | 32.72268 | 3.65 | 11.44246 |
| 31897 | GLOBAL | Cartesian | 32.72268 | 3.65 | 11.24149 | No | 32.72268 | 3.65 | 11.24149 |
| 31898 | GLOBAL | Cartesian | 31.42268 | 3.65 | 11.36965 | Yes | 31.42268 | 3.65 | 11.36965 |
| 31899 | GLOBAL | Cartesian | 32.92268 | 3.65 | 11.42274 | No | 32.92268 | 3.65 | 11.42274 |
| 31900 | GLOBAL | Cartesian | 32.92268 | 3.65 | 11.22177 | No | 32.92268 | 3.65 | 11.22177 |
| 31901 | GLOBAL | Cartesian | 33.12268 | 3.65 | 11.40303 | No | 33.12268 | 3.65 | 11.40303 |
| 31902 | GLOBAL | Cartesian | 33.12268 | 3.65 | 11.20206 | No | 33.12268 | 3.65 | 11.20206 |
| 31903 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.003 | No | 32.72268 | 3.65 | 9.003 |
| 31904 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.00111 | No | 32.92268 | 3.65 | 9.00111 |
| 31905 | GLOBAL | Cartesian | 32.92268 | 3.65 | 8.28784 | No | 32.92268 | 3.65 | 8.28784 |
| 31906 | GLOBAL | Cartesian | 32.72268 | 3.65 | 8.28784 | No | 32.72268 | 3.65 | 8.28784 |
| 31907 | GLOBAL | Cartesian | 33.12268 | 3.65 | 8.99921 | No | 33.12268 | 3.65 | 8.99921 |
| 31908 | GLOBAL | Cartesian | 33.12268 | 3.65 | 8.2861 | No | 33.12268 | 3.65 | 8.2861 |
| 31909 | GLOBAL | Cartesian | 35.72268 | 3.65 | 11.14671 | No | 35.72268 | 3.65 | 11.14671 |
| 31910 | GLOBAL | Cartesian | 35.72268 | 3.65 | 10.94574 | No | 35.72268 | 3.65 | 10.94574 |
| 31911 | GLOBAL | Cartesian | 35.92268 | 3.65 | 11.127 | No | 35.92268 | 3.65 | 11.127 |
| 31912 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.92603 | No | 35.92268 | 3.65 | 10.92603 |
| 31913 | GLOBAL | Cartesian | 36.12268 | 3.65 | 11.10728 | No | 36.12268 | 3.65 | 11.10728 |
| 31914 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.90631 | No | 36.12268 | 3.65 | 10.90631 |
| 31915 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.85097 | No | 38.72268 | 3.65 | 10.85097 |
| 31916 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.65 | No | 38.72268 | 3.65 | 10.65 |
| 31917 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.83125 | No | 38.92268 | 3.65 | 10.83125 |
| 31918 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.63028 | No | 38.92268 | 3.65 | 10.63028 |
| 31919 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.81143 | No | 39.12377 | 3.65 | 10.81143 |
| 31920 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.61046 | No | 39.12377 | 3.65 | 10.61046 |
| 31921 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.55524 | No | 41.72247 | 3.65 | 10.55524 |
| 31922 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.35427 | No | 41.72247 | 3.65 | 10.35427 |
| 31923 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.5355 | No | 41.92268 | 3.65 | 10.5355 |
| 31924 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.33453 | No | 41.92268 | 3.65 | 10.33453 |
| 31925 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.51575 | No | 42.12302 | 3.65 | 10.51575 |
| 31926 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.31478 | No | 42.12302 | 3.65 | 10.31478 |
| 31927 | GLOBAL | Cartesian | 44.72248 | 3.65 | 10.25949 | No | 44.72248 | 3.65 | 10.25949 |
| 31928 | GLOBAL | Cartesian | 44.72248 | 3.65 | 10.05852 | No | 44.72248 | 3.65 | 10.05852 |
| 31929 | GLOBAL | Cartesian | 44.92268 | 3.65 | 10.23976 | No | 44.92268 | 3.65 | 10.23976 |
| 31930 | GLOBAL | Cartesian | 44.92268 | 3.65 | 10.03879 | No | 44.92268 | 3.65 | 10.03879 |
| 31931 | GLOBAL | Cartesian | 45.12268 | 3.65 | 10.22004 | No | 45.12268 | 3.65 | 10.22004 |
| 31932 | GLOBAL | Cartesian | 45.12268 | 3.65 | 10.01907 | No | 45.12268 | 3.65 | 10.01907 |
| 31933 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.96375 | No | 47.72248 | 3.65 | 9.96375 |
| 31934 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.76278 | No | 47.72248 | 3.65 | 9.76278 |
| 31935 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.94401 | No | 47.92268 | 3.65 | 9.94401 |
| 31936 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.74304 | No | 47.92268 | 3.65 | 9.74304 |
| 31937 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.64826 | No | 50.92268 | 3.65 | 9.64826 |
| 31938 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.44729 | No | 50.92268 | 3.65 | 9.44729 |
| 31939 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.35252 | No | 53.92268 | 3.65 | 9.35252 |
| 31940 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.15155 | No | 53.92268 | 3.65 | 9.15155 |
| 31941 | GLOBAL | Cartesian | 35.92268 | 3.65 | 8.9702 | No | 35.92268 | 3.65 | 8.9702 |
| 31942 | GLOBAL | Cartesian | 35.72273 | 3.65 | 8.97351 | No | 35.72273 | 3.65 | 8.97351 |
| 31943 | GLOBAL | Cartesian | 36.12268 | 3.65 | 8.96688 | No | 36.12268 | 3.65 | 8.96688 |
| 31944 | GLOBAL | Cartesian | 38.92268 | 3.65 | 8.91455 | No | 38.92268 | 3.65 | 8.91455 |
| 31945 | GLOBAL | Cartesian | 38.72268 | 3.65 | 8.91971 | No | 38.72268 | 3.65 | 8.91971 |
| 31946 | GLOBAL | Cartesian | 39.12377 | 3.65 | 8.90936 | No | 39.12377 | 3.65 | 8.90936 |
| 31947 | GLOBAL | Cartesian | 41.92268 | 3.65 | 8.83154 | No | 41.92268 | 3.65 | 8.83154 |
| 31948 | GLOBAL | Cartesian | 41.72272 | 3.65 | 8.83854 | No | 41.72272 | 3.65 | 8.83854 |
| 31949 | GLOBAL | Cartesian | 42.12302 | 3.65 | 8.82452 | No | 42.12302 | 3.65 | 8.82452 |
| 31950 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.72113 | No | 44.92268 | 3.65 | 8.72113 |
| 31951 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.73 | No | 44.72248 | 3.65 | 8.73 |
| 31952 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.71228 | No | 45.12268 | 3.65 | 8.71228 |
| 31953 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.58598 | No | 47.92268 | 3.65 | 8.58598 |
| 31954 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.5952 | No | 47.72248 | 3.65 | 8.5952 |
| 31955 | GLOBAL | Cartesian | 35.92268 | 3.65 | 8.25958 | No | 35.92268 | 3.65 | 8.25958 |
| 31956 | GLOBAL | Cartesian | 35.7227 | 3.65 | 8.26147 | No | 35.7227 | 3.65 | 8.26147 |
| 31957 | GLOBAL | Cartesian | 36.12268 | 3.65 | 8.25599 | No | 36.12268 | 3.65 | 8.25599 |
| 31958 | GLOBAL | Cartesian | 38.92268 | 3.65 | 8.20389 | No | 38.92268 | 3.65 | 8.20389 |
| 31959 | GLOBAL | Cartesian | 38.72268 | 3.65 | 8.20761 | No | 38.72268 | 3.65 | 8.20761 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 31960 | GLOBAL | Cartesian | 39.12377 | 3.65 | 8.19843 | No | 39.12377 | 3.65 | 8.19843 |
| 31961 | GLOBAL | Cartesian | 41.92268 | 3.65 | 8.12078 | No | 41.92268 | 3.65 | 8.12078 |
| 31962 | GLOBAL | Cartesian | 41.72247 | 3.65 | 8.12633 | No | 41.72247 | 3.65 | 8.12633 |
| 31963 | GLOBAL | Cartesian | 42.12302 | 3.65 | 8.11348 | No | 42.12302 | 3.65 | 8.11348 |
| 31964 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.00107 | No | 45.12268 | 3.65 | 8.00107 |
| 31965 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.01022 | No | 44.92268 | 3.65 | 8.01022 |
| 31966 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.0176 | No | 44.72248 | 3.65 | 8.0176 |
| 31967 | GLOBAL | Cartesian | 47.92268 | 3.65 | 7.87218 | No | 47.92268 | 3.65 | 7.87218 |
| 31968 | GLOBAL | Cartesian | 47.72248 | 3.65 | 7.8814 | No | 47.72248 | 3.65 | 7.8814 |
| 31969 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.44789 | No | 50.92268 | 3.65 | 8.44789 |
| 31970 | GLOBAL | Cartesian | 50.92268 | 3.65 | 7.70662 | No | 50.92268 | 3.65 | 7.70662 |
| 31972 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.30979 | No | 53.92268 | 3.65 | 8.30979 |
| 31973 | GLOBAL | Cartesian | 53.92268 | 3.65 | 7.52662 | No | 53.92268 | 3.65 | 7.52662 |
| 31974 | GLOBAL | Cartesian | 33.74068 | 3.65 | 8.99336 | No | 33.74068 | 3.65 | 8.99336 |
| 31975 | GLOBAL | Cartesian | 33.74068 | 3.65 | 8.28025 | No | 33.74068 | 3.65 | 8.28025 |
| 31976 | GLOBAL | Cartesian | 36.81072 | 3.65 | 8.95549 | No | 36.81072 | 3.65 | 8.95549 |
| 31977 | GLOBAL | Cartesian | 36.81072 | 3.65 | 8.24319 | No | 36.81072 | 3.65 | 8.24319 |
| 31978 | GLOBAL | Cartesian | 39.88825 | 3.65 | 8.88964 | No | 39.88825 | 3.65 | 8.88964 |
| 31979 | GLOBAL | Cartesian | 39.88825 | 3.65 | 8.17722 | No | 39.88825 | 3.65 | 8.17722 |
| 31980 | GLOBAL | Cartesian | 42.96602 | 3.65 | 8.79499 | No | 42.96602 | 3.65 | 8.79499 |
| 31981 | GLOBAL | Cartesian | 42.96602 | 3.65 | 8.08239 | No | 42.96602 | 3.65 | 8.08239 |
| 31982 | GLOBAL | Cartesian | 46.05564 | 3.65 | 8.67097 | No | 46.05564 | 3.65 | 8.67097 |
| 31983 | GLOBAL | Cartesian | 46.05564 | 3.65 | 7.95812 | No | 46.05564 | 3.65 | 7.95812 |
| 31984 | GLOBAL | Cartesian | 35.48226 | 3.65 | 10.96944 | No | 35.48226 | 3.65 | 10.96944 |
| 31985 | GLOBAL | Cartesian | 35.72268 | 3.65 | 10.64909 | No | 35.72268 | 3.65 | 10.64909 |
| 31986 | GLOBAL | Cartesian | 38.44887 | 3.65 | 10.67699 | No | 38.44887 | 3.65 | 10.67699 |
| 31987 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.38222 | No | 38.72268 | 3.65 | 10.38222 |
| 31988 | GLOBAL | Cartesian | 41.41135 | 3.65 | 10.38494 | No | 41.41135 | 3.65 | 10.38494 |
| 31989 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.11163 | No | 41.72247 | 3.65 | 10.11163 |
| 31990 | GLOBAL | Cartesian | 44.36906 | 3.65 | 10.09336 | No | 44.36906 | 3.65 | 10.09336 |
| 31991 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.83803 | No | 44.72248 | 3.65 | 9.83803 |
| 31992 | GLOBAL | Cartesian | 47.32561 | 3.65 | 9.8019 | No | 47.32561 | 3.65 | 9.8019 |
| 31993 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.56027 | No | 47.72248 | 3.65 | 9.56027 |
| 31994 | GLOBAL | Cartesian | 32.44965 | 3.65 | 11.20438 | No | 32.44965 | 3.65 | 11.20438 |
| 31995 | GLOBAL | Cartesian | 32.51166 | 3.65 | 11.26229 | No | 32.51166 | 3.65 | 11.26229 |
| 31996 | GLOBAL | Cartesian | 32.72268 | 3.65 | 10.91205 | No | 32.72268 | 3.65 | 10.91205 |
| 31997 | GLOBAL | Cartesian | 31.42268 | 3.65 | 10.24522 | Yes | 31.42268 | 3.65 | 10.24522 |
| 31998 | GLOBAL | Cartesian | 31.71569 | 3.65 | 9.97156 | No | 31.71569 | 3.65 | 9.97156 |
| 31999 | GLOBAL | Cartesian | 31.42268 | 3.65 | 9.6979 | Yes | 31.42268 | 3.65 | 9.6979 |
| 32000 | GLOBAL | Cartesian | 32.16101 | 3.65 | 9.00832 | No | 32.16101 | 3.65 | 9.00832 |
| 32001 | GLOBAL | Cartesian | 32.15419 | 3.65 | 8.28784 | No | 32.15419 | 3.65 | 8.28784 |
| 32002 | GLOBAL | Cartesian | 31.42268 | 3.65 | 9.00832 | Yes | 31.42268 | 3.65 | 9.00832 |
| 32003 | GLOBAL | Cartesian | 31.42268 | 3.65 | 8.28784 | Yes | 31.42268 | 3.65 | 8.28784 |
| 32004 | GLOBAL | Cartesian | 31.60839 | 3.65 | 11.55231 | No | 31.60839 | 3.65 | 11.55231 |
| 32005 | GLOBAL | Cartesian | 31.60839 | 3.65 | 11.45182 | No | 31.60839 | 3.65 | 11.45182 |
| 32006 | GLOBAL | Cartesian | 31.42268 | 3.65 | 11.47013 | Yes | 31.42268 | 3.65 | 11.47013 |
| 32007 | GLOBAL | Cartesian | 31.60839 | 3.65 | 11.35134 | No | 31.60839 | 3.65 | 11.35134 |
| 32008 | GLOBAL | Cartesian | 31.79411 | 3.65 | 11.534 | No | 31.79411 | 3.65 | 11.534 |
| 32009 | GLOBAL | Cartesian | 31.79411 | 3.65 | 11.43352 | No | 31.79411 | 3.65 | 11.43352 |
| 32010 | GLOBAL | Cartesian | 31.79411 | 3.65 | 11.33303 | No | 31.79411 | 3.65 | 11.33303 |
| 32011 | GLOBAL | Cartesian | 31.97982 | 3.65 | 11.51569 | No | 31.97982 | 3.65 | 11.51569 |
| 32012 | GLOBAL | Cartesian | 31.97982 | 3.65 | 11.41521 | No | 31.97982 | 3.65 | 11.41521 |
| 32013 | GLOBAL | Cartesian | 31.97982 | 3.65 | 11.31472 | No | 31.97982 | 3.65 | 11.31472 |
| 32014 | GLOBAL | Cartesian | 32.16554 | 3.65 | 11.49738 | No | 32.16554 | 3.65 | 11.49738 |
| 32015 | GLOBAL | Cartesian | 32.16554 | 3.65 | 11.3969 | No | 32.16554 | 3.65 | 11.3969 |
| 32016 | GLOBAL | Cartesian | 32.16554 | 3.65 | 11.29641 | No | 32.16554 | 3.65 | 11.29641 |
| 32017 | GLOBAL | Cartesian | 32.35125 | 3.65 | 11.47908 | No | 32.35125 | 3.65 | 11.47908 |
| 32018 | GLOBAL | Cartesian | 32.35125 | 3.65 | 11.37859 | No | 32.35125 | 3.65 | 11.37859 |
| 32019 | GLOBAL | Cartesian | 32.35125 | 3.65 | 11.27811 | No | 32.35125 | 3.65 | 11.27811 |
| 32020 | GLOBAL | Cartesian | 32.53696 | 3.65 | 11.46077 | No | 32.53696 | 3.65 | 11.46077 |
| 32021 | GLOBAL | Cartesian | 32.53696 | 3.65 | 11.36028 | No | 32.53696 | 3.65 | 11.36028 |
| 32022 | GLOBAL | Cartesian | 32.72268 | 3.65 | 11.34197 | No | 32.72268 | 3.65 | 11.34197 |
| 32023 | GLOBAL | Cartesian | 32.82268 | 3.65 | 11.4326 | No | 32.82268 | 3.65 | 11.4326 |
| 32024 | GLOBAL | Cartesian | 32.82268 | 3.65 | 11.33212 | No | 32.82268 | 3.65 | 11.33212 |
| 32025 | GLOBAL | Cartesian | 32.82268 | 3.65 | 11.23163 | No | 32.82268 | 3.65 | 11.23163 |
| 32026 | GLOBAL | Cartesian | 32.92268 | 3.65 | 11.32226 | No | 32.92268 | 3.65 | 11.32226 |
| 32027 | GLOBAL | Cartesian | 33.02268 | 3.65 | 11.41288 | No | 33.02268 | 3.65 | 11.41288 |
| 32028 | GLOBAL | Cartesian | 33.02268 | 3.65 | 11.3124 | No | 33.02268 | 3.65 | 11.3124 |
| 32029 | GLOBAL | Cartesian | 33.02268 | 3.65 | 11.21192 | No | 33.02268 | 3.65 | 11.21192 |
| 32030 | GLOBAL | Cartesian | 33.12268 | 3.65 | 11.30254 | No | 33.12268 | 3.65 | 11.30254 |
| 32031 | GLOBAL | Cartesian | 32.92268 | 3.65 | 8.82279 | No | 32.92268 | 3.65 | 8.82279 |
| 32032 | GLOBAL | Cartesian | 32.72268 | 3.65 | 8.82421 | No | 32.72268 | 3.65 | 8.82421 |
| 32033 | GLOBAL | Cartesian | 32.92268 | 3.65 | 8.64447 | No | 32.92268 | 3.65 | 8.64447 |
| 32034 | GLOBAL | Cartesian | 32.72268 | 3.65 | 8.64542 | No | 32.72268 | 3.65 | 8.64542 |
| 32035 | GLOBAL | Cartesian | 32.92268 | 3.65 | 8.46616 | No | 32.92268 | 3.65 | 8.46616 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32036 | GLOBAL | Cartesian | 32.72268 | 3.65 | 8.46663 | No | 32.72268 | 3.65 | 8.46663 |
| 32037 | GLOBAL | Cartesian | 33.12268 | 3.65 | 8.82093 | No | 33.12268 | 3.65 | 8.82093 |
| 32038 | GLOBAL | Cartesian | 33.12268 | 3.65 | 8.64266 | No | 33.12268 | 3.65 | 8.64266 |
| 32039 | GLOBAL | Cartesian | 33.12268 | 3.65 | 8.46438 | No | 33.12268 | 3.65 | 8.46438 |
| 32040 | GLOBAL | Cartesian | 32.92268 | 3.65 | 11.03672 | No | 32.92268 | 3.65 | 11.03672 |
| 32041 | GLOBAL | Cartesian | 32.82268 | 3.65 | 11.04583 | No | 32.82268 | 3.65 | 11.04583 |
| 32042 | GLOBAL | Cartesian | 32.92268 | 3.65 | 10.85166 | No | 32.92268 | 3.65 | 10.85166 |
| 32043 | GLOBAL | Cartesian | 32.82268 | 3.65 | 10.86004 | No | 32.82268 | 3.65 | 10.86004 |
| 32044 | GLOBAL | Cartesian | 32.92268 | 3.65 | 10.66661 | No | 32.92268 | 3.65 | 10.66661 |
| 32045 | GLOBAL | Cartesian | 32.82268 | 3.65 | 10.67424 | No | 32.82268 | 3.65 | 10.67424 |
| 32046 | GLOBAL | Cartesian | 32.72268 | 3.65 | 10.68187 | No | 32.72268 | 3.65 | 10.68187 |
| 32047 | GLOBAL | Cartesian | 32.92268 | 3.65 | 10.48155 | No | 32.92268 | 3.65 | 10.48155 |
| 32048 | GLOBAL | Cartesian | 32.82268 | 3.65 | 10.48844 | No | 32.82268 | 3.65 | 10.48844 |
| 32049 | GLOBAL | Cartesian | 32.72268 | 3.65 | 10.49533 | No | 32.72268 | 3.65 | 10.49533 |
| 32050 | GLOBAL | Cartesian | 32.92268 | 3.65 | 10.2965 | No | 32.92268 | 3.65 | 10.2965 |
| 32051 | GLOBAL | Cartesian | 32.82268 | 3.65 | 10.30264 | No | 32.82268 | 3.65 | 10.30264 |
| 32052 | GLOBAL | Cartesian | 32.72268 | 3.65 | 10.30879 | No | 32.72268 | 3.65 | 10.30879 |
| 32053 | GLOBAL | Cartesian | 32.92268 | 3.65 | 10.11144 | No | 32.92268 | 3.65 | 10.11144 |
| 32054 | GLOBAL | Cartesian | 32.82268 | 3.65 | 10.11684 | No | 32.82268 | 3.65 | 10.11684 |
| 32055 | GLOBAL | Cartesian | 32.72268 | 3.65 | 10.12225 | No | 32.72268 | 3.65 | 10.12225 |
| 32056 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.92638 | No | 32.92268 | 3.65 | 9.92638 |
| 32057 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.93104 | No | 32.82268 | 3.65 | 9.93104 |
| 32058 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.9357 | No | 32.72268 | 3.65 | 9.9357 |
| 32059 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.74133 | No | 32.92268 | 3.65 | 9.74133 |
| 32060 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.74525 | No | 32.82268 | 3.65 | 9.74525 |
| 32061 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.74916 | No | 32.72268 | 3.65 | 9.74916 |
| 32062 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.55627 | No | 32.92268 | 3.65 | 9.55627 |
| 32063 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.55945 | No | 32.82268 | 3.65 | 9.55945 |
| 32064 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.56262 | No | 32.72268 | 3.65 | 9.56262 |
| 32065 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.37122 | No | 32.92268 | 3.65 | 9.37122 |
| 32066 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.37365 | No | 32.82268 | 3.65 | 9.37365 |
| 32067 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.37608 | No | 32.72268 | 3.65 | 9.37608 |
| 32068 | GLOBAL | Cartesian | 32.92268 | 3.65 | 9.18616 | No | 32.92268 | 3.65 | 9.18616 |
| 32069 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.18785 | No | 32.82268 | 3.65 | 9.18785 |
| 32070 | GLOBAL | Cartesian | 32.72268 | 3.65 | 9.18954 | No | 32.72268 | 3.65 | 9.18954 |
| 32071 | GLOBAL | Cartesian | 32.82268 | 3.65 | 9.00205 | No | 32.82268 | 3.65 | 9.00205 |
| 32072 | GLOBAL | Cartesian | 33.02268 | 3.65 | 11.0276 | No | 33.02268 | 3.65 | 11.0276 |
| 32073 | GLOBAL | Cartesian | 33.02268 | 3.65 | 10.84329 | No | 33.02268 | 3.65 | 10.84329 |
| 32074 | GLOBAL | Cartesian | 33.02268 | 3.65 | 10.65898 | No | 33.02268 | 3.65 | 10.65898 |
| 32075 | GLOBAL | Cartesian | 33.02268 | 3.65 | 10.47466 | No | 33.02268 | 3.65 | 10.47466 |
| 32076 | GLOBAL | Cartesian | 33.02268 | 3.65 | 10.29035 | No | 33.02268 | 3.65 | 10.29035 |
| 32077 | GLOBAL | Cartesian | 33.02268 | 3.65 | 10.10604 | No | 33.02268 | 3.65 | 10.10604 |
| 32078 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.92172 | No | 33.02268 | 3.65 | 9.92172 |
| 32079 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.73741 | No | 33.02268 | 3.65 | 9.73741 |
| 32080 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.5531 | No | 33.02268 | 3.65 | 9.5531 |
| 32081 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.36879 | No | 33.02268 | 3.65 | 9.36879 |
| 32082 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.18447 | No | 33.02268 | 3.65 | 9.18447 |
| 32083 | GLOBAL | Cartesian | 33.02268 | 3.65 | 9.00016 | No | 33.02268 | 3.65 | 9.00016 |
| 32084 | GLOBAL | Cartesian | 33.12268 | 3.65 | 11.01849 | No | 33.12268 | 3.65 | 11.01849 |
| 32085 | GLOBAL | Cartesian | 33.12268 | 3.65 | 10.83492 | No | 33.12268 | 3.65 | 10.83492 |
| 32086 | GLOBAL | Cartesian | 33.12268 | 3.65 | 10.65135 | No | 33.12268 | 3.65 | 10.65135 |
| 32087 | GLOBAL | Cartesian | 33.12268 | 3.65 | 10.46778 | No | 33.12268 | 3.65 | 10.46778 |
| 32088 | GLOBAL | Cartesian | 33.12268 | 3.65 | 10.2842 | No | 33.12268 | 3.65 | 10.2842 |
| 32089 | GLOBAL | Cartesian | 33.12268 | 3.65 | 10.10063 | No | 33.12268 | 3.65 | 10.10063 |
| 32090 | GLOBAL | Cartesian | 33.12268 | 3.65 | 9.91706 | No | 33.12268 | 3.65 | 9.91706 |
| 32091 | GLOBAL | Cartesian | 33.12268 | 3.65 | 9.73349 | No | 33.12268 | 3.65 | 9.73349 |
| 32092 | GLOBAL | Cartesian | 33.12268 | 3.65 | 9.54992 | No | 33.12268 | 3.65 | 9.54992 |
| 32093 | GLOBAL | Cartesian | 33.12268 | 3.65 | 9.36635 | No | 33.12268 | 3.65 | 9.36635 |
| 32094 | GLOBAL | Cartesian | 33.12268 | 3.65 | 9.18278 | No | 33.12268 | 3.65 | 9.18278 |
| 32095 | GLOBAL | Cartesian | 33.30839 | 3.65 | 11.38472 | No | 33.30839 | 3.65 | 11.38472 |
| 32096 | GLOBAL | Cartesian | 33.30839 | 3.65 | 11.28423 | No | 33.30839 | 3.65 | 11.28423 |
| 32097 | GLOBAL | Cartesian | 33.30839 | 3.65 | 11.18375 | No | 33.30839 | 3.65 | 11.18375 |
| 32098 | GLOBAL | Cartesian | 33.49411 | 3.65 | 11.36641 | No | 33.49411 | 3.65 | 11.36641 |
| 32099 | GLOBAL | Cartesian | 33.49411 | 3.65 | 11.26593 | No | 33.49411 | 3.65 | 11.26593 |
| 32100 | GLOBAL | Cartesian | 33.49411 | 3.65 | 11.16544 | No | 33.49411 | 3.65 | 11.16544 |
| 32101 | GLOBAL | Cartesian | 33.67982 | 3.65 | 11.3481 | No | 33.67982 | 3.65 | 11.3481 |
| 32102 | GLOBAL | Cartesian | 33.67982 | 3.65 | 11.24762 | No | 33.67982 | 3.65 | 11.24762 |
| 32103 | GLOBAL | Cartesian | 33.67982 | 3.65 | 11.14713 | No | 33.67982 | 3.65 | 11.14713 |
| 32104 | GLOBAL | Cartesian | 33.86554 | 3.65 | 11.32979 | No | 33.86554 | 3.65 | 11.32979 |
| 32105 | GLOBAL | Cartesian | 33.86554 | 3.65 | 11.22931 | No | 33.86554 | 3.65 | 11.22931 |
| 32106 | GLOBAL | Cartesian | 33.86554 | 3.65 | 11.12882 | No | 33.86554 | 3.65 | 11.12882 |
| 32107 | GLOBAL | Cartesian | 34.05125 | 3.65 | 11.31149 | No | 34.05125 | 3.65 | 11.31149 |
| 32108 | GLOBAL | Cartesian | 34.05125 | 3.65 | 11.211 | No | 34.05125 | 3.65 | 11.211 |
| 32109 | GLOBAL | Cartesian | 34.05125 | 3.65 | 11.11052 | No | 34.05125 | 3.65 | 11.11052 |
| 32110 | GLOBAL | Cartesian | 34.23696 | 3.65 | 11.29318 | No | 34.23696 | 3.65 | 11.29318 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32111 | GLOBAL | Cartesian | 34.23696 | 3.65 | 11.19269 | No | 34.23696 | 3.65 | 11.19269 |
| 32112 | GLOBAL | Cartesian | 34.23696 | 3.65 | 11.09221 | No | 34.23696 | 3.65 | 11.09221 |
| 32113 | GLOBAL | Cartesian | 34.42268 | 3.65 | 11.27487 | No | 34.42268 | 3.65 | 11.27487 |
| 32114 | GLOBAL | Cartesian | 34.42268 | 3.65 | 11.17439 | No | 34.42268 | 3.65 | 11.17439 |
| 32115 | GLOBAL | Cartesian | 34.42268 | 3.65 | 11.0739 | No | 34.42268 | 3.65 | 11.0739 |
| 32116 | GLOBAL | Cartesian | 34.60839 | 3.65 | 11.25656 | No | 34.60839 | 3.65 | 11.25656 |
| 32117 | GLOBAL | Cartesian | 34.60839 | 3.65 | 11.15608 | No | 34.60839 | 3.65 | 11.15608 |
| 32118 | GLOBAL | Cartesian | 34.60839 | 3.65 | 11.05559 | No | 34.60839 | 3.65 | 11.05559 |
| 32119 | GLOBAL | Cartesian | 34.79411 | 3.65 | 11.23825 | No | 34.79411 | 3.65 | 11.23825 |
| 32120 | GLOBAL | Cartesian | 34.79411 | 3.65 | 11.13777 | No | 34.79411 | 3.65 | 11.13777 |
| 32121 | GLOBAL | Cartesian | 34.79411 | 3.65 | 11.03728 | No | 34.79411 | 3.65 | 11.03728 |
| 32122 | GLOBAL | Cartesian | 34.97982 | 3.65 | 11.21995 | No | 34.97982 | 3.65 | 11.21995 |
| 32123 | GLOBAL | Cartesian | 34.97982 | 3.65 | 11.11946 | No | 34.97982 | 3.65 | 11.11946 |
| 32124 | GLOBAL | Cartesian | 34.97982 | 3.65 | 11.01898 | No | 34.97982 | 3.65 | 11.01898 |
| 32125 | GLOBAL | Cartesian | 35.16554 | 3.65 | 11.20164 | No | 35.16554 | 3.65 | 11.20164 |
| 32126 | GLOBAL | Cartesian | 35.16554 | 3.65 | 11.10115 | No | 35.16554 | 3.65 | 11.10115 |
| 32127 | GLOBAL | Cartesian | 35.16554 | 3.65 | 11.00067 | No | 35.16554 | 3.65 | 11.00067 |
| 32128 | GLOBAL | Cartesian | 35.35125 | 3.65 | 11.18333 | No | 35.35125 | 3.65 | 11.18333 |
| 32129 | GLOBAL | Cartesian | 35.35125 | 3.65 | 11.08284 | No | 35.35125 | 3.65 | 11.08284 |
| 32130 | GLOBAL | Cartesian | 35.35125 | 3.65 | 10.98236 | No | 35.35125 | 3.65 | 10.98236 |
| 32131 | GLOBAL | Cartesian | 35.53696 | 3.65 | 11.16502 | No | 35.53696 | 3.65 | 11.16502 |
| 32132 | GLOBAL | Cartesian | 35.53696 | 3.65 | 11.06454 | No | 35.53696 | 3.65 | 11.06454 |
| 32133 | GLOBAL | Cartesian | 35.72268 | 3.65 | 11.04623 | No | 35.72268 | 3.65 | 11.04623 |
| 32134 | GLOBAL | Cartesian | 35.82268 | 3.65 | 11.13685 | No | 35.82268 | 3.65 | 11.13685 |
| 32135 | GLOBAL | Cartesian | 35.82268 | 3.65 | 11.03637 | No | 35.82268 | 3.65 | 11.03637 |
| 32136 | GLOBAL | Cartesian | 35.82268 | 3.65 | 10.93589 | No | 35.82268 | 3.65 | 10.93589 |
| 32137 | GLOBAL | Cartesian | 35.92268 | 3.65 | 11.02651 | No | 35.92268 | 3.65 | 11.02651 |
| 32138 | GLOBAL | Cartesian | 36.02268 | 3.65 | 11.11714 | No | 36.02268 | 3.65 | 11.11714 |
| 32139 | GLOBAL | Cartesian | 36.02268 | 3.65 | 11.01665 | No | 36.02268 | 3.65 | 11.01665 |
| 32140 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.91617 | No | 36.02268 | 3.65 | 10.91617 |
| 32141 | GLOBAL | Cartesian | 36.12268 | 3.65 | 11.0068 | No | 36.12268 | 3.65 | 11.0068 |
| 32142 | GLOBAL | Cartesian | 36.30839 | 3.65 | 11.08897 | No | 36.30839 | 3.65 | 11.08897 |
| 32143 | GLOBAL | Cartesian | 36.30839 | 3.65 | 10.98849 | No | 36.30839 | 3.65 | 10.98849 |
| 32144 | GLOBAL | Cartesian | 36.30839 | 3.65 | 10.888 | No | 36.30839 | 3.65 | 10.888 |
| 32145 | GLOBAL | Cartesian | 36.49411 | 3.65 | 11.07066 | No | 36.49411 | 3.65 | 11.07066 |
| 32146 | GLOBAL | Cartesian | 36.49411 | 3.65 | 10.97018 | No | 36.49411 | 3.65 | 10.97018 |
| 32147 | GLOBAL | Cartesian | 36.49411 | 3.65 | 10.86969 | No | 36.49411 | 3.65 | 10.86969 |
| 32148 | GLOBAL | Cartesian | 36.67982 | 3.65 | 11.05236 | No | 36.67982 | 3.65 | 11.05236 |
| 32149 | GLOBAL | Cartesian | 36.67982 | 3.65 | 10.95187 | No | 36.67982 | 3.65 | 10.95187 |
| 32150 | GLOBAL | Cartesian | 36.67982 | 3.65 | 10.85139 | No | 36.67982 | 3.65 | 10.85139 |
| 32151 | GLOBAL | Cartesian | 36.86554 | 3.65 | 11.03405 | No | 36.86554 | 3.65 | 11.03405 |
| 32152 | GLOBAL | Cartesian | 36.86554 | 3.65 | 10.93356 | No | 36.86554 | 3.65 | 10.93356 |
| 32153 | GLOBAL | Cartesian | 36.86554 | 3.65 | 10.83308 | No | 36.86554 | 3.65 | 10.83308 |
| 32154 | GLOBAL | Cartesian | 37.05125 | 3.65 | 11.01574 | No | 37.05125 | 3.65 | 11.01574 |
| 32155 | GLOBAL | Cartesian | 37.05125 | 3.65 | 10.91525 | No | 37.05125 | 3.65 | 10.91525 |
| 32156 | GLOBAL | Cartesian | 37.05125 | 3.65 | 10.81477 | No | 37.05125 | 3.65 | 10.81477 |
| 32157 | GLOBAL | Cartesian | 37.23696 | 3.65 | 10.99743 | No | 37.23696 | 3.65 | 10.99743 |
| 32158 | GLOBAL | Cartesian | 37.23696 | 3.65 | 10.89695 | No | 37.23696 | 3.65 | 10.89695 |
| 32159 | GLOBAL | Cartesian | 37.23696 | 3.65 | 10.79646 | No | 37.23696 | 3.65 | 10.79646 |
| 32160 | GLOBAL | Cartesian | 37.42268 | 3.65 | 10.97912 | No | 37.42268 | 3.65 | 10.97912 |
| 32161 | GLOBAL | Cartesian | 37.42268 | 3.65 | 10.87864 | No | 37.42268 | 3.65 | 10.87864 |
| 32162 | GLOBAL | Cartesian | 37.42268 | 3.65 | 10.77815 | No | 37.42268 | 3.65 | 10.77815 |
| 32163 | GLOBAL | Cartesian | 37.60839 | 3.65 | 10.96082 | No | 37.60839 | 3.65 | 10.96082 |
| 32164 | GLOBAL | Cartesian | 37.60839 | 3.65 | 10.86033 | No | 37.60839 | 3.65 | 10.86033 |
| 32165 | GLOBAL | Cartesian | 37.60839 | 3.65 | 10.75985 | No | 37.60839 | 3.65 | 10.75985 |
| 32166 | GLOBAL | Cartesian | 37.79411 | 3.65 | 10.94251 | No | 37.79411 | 3.65 | 10.94251 |
| 32167 | GLOBAL | Cartesian | 37.79411 | 3.65 | 10.84202 | No | 37.79411 | 3.65 | 10.84202 |
| 32168 | GLOBAL | Cartesian | 37.79411 | 3.65 | 10.74154 | No | 37.79411 | 3.65 | 10.74154 |
| 32169 | GLOBAL | Cartesian | 37.97982 | 3.65 | 10.9242 | No | 37.97982 | 3.65 | 10.9242 |
| 32170 | GLOBAL | Cartesian | 37.97982 | 3.65 | 10.82371 | No | 37.97982 | 3.65 | 10.82371 |
| 32171 | GLOBAL | Cartesian | 37.97982 | 3.65 | 10.72323 | No | 37.97982 | 3.65 | 10.72323 |
| 32172 | GLOBAL | Cartesian | 38.16554 | 3.65 | 10.90589 | No | 38.16554 | 3.65 | 10.90589 |
| 32173 | GLOBAL | Cartesian | 38.16554 | 3.65 | 10.80541 | No | 38.16554 | 3.65 | 10.80541 |
| 32174 | GLOBAL | Cartesian | 38.16554 | 3.65 | 10.70492 | No | 38.16554 | 3.65 | 10.70492 |
| 32175 | GLOBAL | Cartesian | 38.35125 | 3.65 | 10.88758 | No | 38.35125 | 3.65 | 10.88758 |
| 32176 | GLOBAL | Cartesian | 38.35125 | 3.65 | 10.7871 | No | 38.35125 | 3.65 | 10.7871 |
| 32177 | GLOBAL | Cartesian | 38.35125 | 3.65 | 10.68661 | No | 38.35125 | 3.65 | 10.68661 |
| 32178 | GLOBAL | Cartesian | 38.53696 | 3.65 | 10.86927 | No | 38.53696 | 3.65 | 10.86927 |
| 32179 | GLOBAL | Cartesian | 38.53696 | 3.65 | 10.76879 | No | 38.53696 | 3.65 | 10.76879 |
| 32180 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.75048 | No | 38.72268 | 3.65 | 10.75048 |
| 32181 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.84111 | No | 38.82268 | 3.65 | 10.84111 |
| 32182 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.74062 | No | 38.82268 | 3.65 | 10.74062 |
| 32183 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.64014 | No | 38.82268 | 3.65 | 10.64014 |
| 32184 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.73077 | No | 38.92268 | 3.65 | 10.73077 |
| 32185 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.82134 | No | 39.02323 | 3.65 | 10.82134 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32186 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.72085 | No | 39.02323 | 3.65 | 10.72085 |
| 32187 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.62037 | No | 39.02323 | 3.65 | 10.62037 |
| 32188 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.71094 | No | 39.12377 | 3.65 | 10.71094 |
| 32189 | GLOBAL | Cartesian | 39.30939 | 3.65 | 10.79313 | No | 39.30939 | 3.65 | 10.79313 |
| 32190 | GLOBAL | Cartesian | 39.30939 | 3.65 | 10.69264 | No | 39.30939 | 3.65 | 10.69264 |
| 32191 | GLOBAL | Cartesian | 39.30939 | 3.65 | 10.59216 | No | 39.30939 | 3.65 | 10.59216 |
| 32192 | GLOBAL | Cartesian | 39.49502 | 3.65 | 10.77483 | No | 39.49502 | 3.65 | 10.77483 |
| 32193 | GLOBAL | Cartesian | 39.49502 | 3.65 | 10.67434 | No | 39.49502 | 3.65 | 10.67434 |
| 32194 | GLOBAL | Cartesian | 39.49502 | 3.65 | 10.57386 | No | 39.49502 | 3.65 | 10.57386 |
| 32195 | GLOBAL | Cartesian | 39.68064 | 3.65 | 10.75653 | No | 39.68064 | 3.65 | 10.75653 |
| 32196 | GLOBAL | Cartesian | 39.68064 | 3.65 | 10.65604 | No | 39.68064 | 3.65 | 10.65604 |
| 32197 | GLOBAL | Cartesian | 39.68064 | 3.65 | 10.55556 | No | 39.68064 | 3.65 | 10.55556 |
| 32198 | GLOBAL | Cartesian | 39.86626 | 3.65 | 10.73823 | No | 39.86626 | 3.65 | 10.73823 |
| 32199 | GLOBAL | Cartesian | 39.86626 | 3.65 | 10.63775 | No | 39.86626 | 3.65 | 10.63775 |
| 32200 | GLOBAL | Cartesian | 39.86626 | 3.65 | 10.53726 | No | 39.86626 | 3.65 | 10.53726 |
| 32201 | GLOBAL | Cartesian | 40.05188 | 3.65 | 10.71993 | No | 40.05188 | 3.65 | 10.71993 |
| 32202 | GLOBAL | Cartesian | 40.05188 | 3.65 | 10.61945 | No | 40.05188 | 3.65 | 10.61945 |
| 32203 | GLOBAL | Cartesian | 40.05188 | 3.65 | 10.51896 | No | 40.05188 | 3.65 | 10.51896 |
| 32204 | GLOBAL | Cartesian | 40.2375 | 3.65 | 10.70163 | No | 40.2375 | 3.65 | 10.70163 |
| 32205 | GLOBAL | Cartesian | 40.2375 | 3.65 | 10.60115 | No | 40.2375 | 3.65 | 10.60115 |
| 32206 | GLOBAL | Cartesian | 40.2375 | 3.65 | 10.50066 | No | 40.2375 | 3.65 | 10.50066 |
| 32207 | GLOBAL | Cartesian | 40.42312 | 3.65 | 10.68333 | No | 40.42312 | 3.65 | 10.68333 |
| 32208 | GLOBAL | Cartesian | 40.42312 | 3.65 | 10.58285 | No | 40.42312 | 3.65 | 10.58285 |
| 32209 | GLOBAL | Cartesian | 40.42312 | 3.65 | 10.48236 | No | 40.42312 | 3.65 | 10.48236 |
| 32210 | GLOBAL | Cartesian | 40.60874 | 3.65 | 10.66503 | No | 40.60874 | 3.65 | 10.66503 |
| 32211 | GLOBAL | Cartesian | 40.60874 | 3.65 | 10.56455 | No | 40.60874 | 3.65 | 10.56455 |
| 32212 | GLOBAL | Cartesian | 40.60874 | 3.65 | 10.46406 | No | 40.60874 | 3.65 | 10.46406 |
| 32213 | GLOBAL | Cartesian | 40.79437 | 3.65 | 10.64674 | No | 40.79437 | 3.65 | 10.64674 |
| 32214 | GLOBAL | Cartesian | 40.79437 | 3.65 | 10.54625 | No | 40.79437 | 3.65 | 10.54625 |
| 32215 | GLOBAL | Cartesian | 40.79437 | 3.65 | 10.44577 | No | 40.79437 | 3.65 | 10.44577 |
| 32216 | GLOBAL | Cartesian | 40.97999 | 3.65 | 10.62844 | No | 40.97999 | 3.65 | 10.62844 |
| 32217 | GLOBAL | Cartesian | 40.97999 | 3.65 | 10.52795 | No | 40.97999 | 3.65 | 10.52795 |
| 32218 | GLOBAL | Cartesian | 40.97999 | 3.65 | 10.42747 | No | 40.97999 | 3.65 | 10.42747 |
| 32219 | GLOBAL | Cartesian | 41.16561 | 3.65 | 10.61014 | No | 41.16561 | 3.65 | 10.61014 |
| 32220 | GLOBAL | Cartesian | 41.16561 | 3.65 | 10.50965 | No | 41.16561 | 3.65 | 10.50965 |
| 32221 | GLOBAL | Cartesian | 41.16561 | 3.65 | 10.40917 | No | 41.16561 | 3.65 | 10.40917 |
| 32222 | GLOBAL | Cartesian | 41.35123 | 3.65 | 10.59184 | No | 41.35123 | 3.65 | 10.59184 |
| 32223 | GLOBAL | Cartesian | 41.35123 | 3.65 | 10.49135 | No | 41.35123 | 3.65 | 10.49135 |
| 32224 | GLOBAL | Cartesian | 41.53685 | 3.65 | 10.57354 | No | 41.53685 | 3.65 | 10.57354 |
| 32225 | GLOBAL | Cartesian | 41.53685 | 3.65 | 10.47305 | No | 41.53685 | 3.65 | 10.47305 |
| 32226 | GLOBAL | Cartesian | 41.53685 | 3.65 | 10.37257 | No | 41.53685 | 3.65 | 10.37257 |
| 32227 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.45476 | No | 41.72247 | 3.65 | 10.45476 |
| 32228 | GLOBAL | Cartesian | 41.82258 | 3.65 | 10.54537 | No | 41.82258 | 3.65 | 10.54537 |
| 32229 | GLOBAL | Cartesian | 41.82258 | 3.65 | 10.44489 | No | 41.82258 | 3.65 | 10.44489 |
| 32230 | GLOBAL | Cartesian | 41.82258 | 3.65 | 10.3444 | No | 41.82258 | 3.65 | 10.3444 |
| 32231 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.43502 | No | 41.92268 | 3.65 | 10.43502 |
| 32232 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.52563 | No | 42.02285 | 3.65 | 10.52563 |
| 32233 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.42514 | No | 42.02285 | 3.65 | 10.42514 |
| 32234 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.32466 | No | 42.02285 | 3.65 | 10.32466 |
| 32235 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.41527 | No | 42.12302 | 3.65 | 10.41527 |
| 32236 | GLOBAL | Cartesian | 42.30869 | 3.65 | 10.49745 | No | 42.30869 | 3.65 | 10.49745 |
| 32237 | GLOBAL | Cartesian | 42.30869 | 3.65 | 10.39697 | No | 42.30869 | 3.65 | 10.39697 |
| 32238 | GLOBAL | Cartesian | 42.30869 | 3.65 | 10.29648 | No | 42.30869 | 3.65 | 10.29648 |
| 32239 | GLOBAL | Cartesian | 42.49437 | 3.65 | 10.47915 | No | 42.49437 | 3.65 | 10.47915 |
| 32240 | GLOBAL | Cartesian | 42.49437 | 3.65 | 10.37866 | No | 42.49437 | 3.65 | 10.37866 |
| 32241 | GLOBAL | Cartesian | 42.49437 | 3.65 | 10.27818 | No | 42.49437 | 3.65 | 10.27818 |
| 32242 | GLOBAL | Cartesian | 42.68004 | 3.65 | 10.46084 | No | 42.68004 | 3.65 | 10.46084 |
| 32243 | GLOBAL | Cartesian | 42.68004 | 3.65 | 10.36036 | No | 42.68004 | 3.65 | 10.36036 |
| 32244 | GLOBAL | Cartesian | 42.68004 | 3.65 | 10.25987 | No | 42.68004 | 3.65 | 10.25987 |
| 32245 | GLOBAL | Cartesian | 42.86572 | 3.65 | 10.44254 | No | 42.86572 | 3.65 | 10.44254 |
| 32246 | GLOBAL | Cartesian | 42.86572 | 3.65 | 10.34205 | No | 42.86572 | 3.65 | 10.34205 |
| 32247 | GLOBAL | Cartesian | 42.86572 | 3.65 | 10.24157 | No | 42.86572 | 3.65 | 10.24157 |
| 32248 | GLOBAL | Cartesian | 43.0514 | 3.65 | 10.42423 | No | 43.0514 | 3.65 | 10.42423 |
| 32249 | GLOBAL | Cartesian | 43.0514 | 3.65 | 10.32375 | No | 43.0514 | 3.65 | 10.32375 |
| 32250 | GLOBAL | Cartesian | 43.0514 | 3.65 | 10.22326 | No | 43.0514 | 3.65 | 10.22326 |
| 32251 | GLOBAL | Cartesian | 43.23707 | 3.65 | 10.40593 | No | 43.23707 | 3.65 | 10.40593 |
| 32252 | GLOBAL | Cartesian | 43.23707 | 3.65 | 10.30544 | No | 43.23707 | 3.65 | 10.30544 |
| 32253 | GLOBAL | Cartesian | 43.23707 | 3.65 | 10.20496 | No | 43.23707 | 3.65 | 10.20496 |
| 32254 | GLOBAL | Cartesian | 43.42275 | 3.65 | 10.38762 | No | 43.42275 | 3.65 | 10.38762 |
| 32255 | GLOBAL | Cartesian | 43.42275 | 3.65 | 10.28714 | No | 43.42275 | 3.65 | 10.28714 |
| 32256 | GLOBAL | Cartesian | 43.42275 | 3.65 | 10.18665 | No | 43.42275 | 3.65 | 10.18665 |
| 32257 | GLOBAL | Cartesian | 43.60842 | 3.65 | 10.36932 | No | 43.60842 | 3.65 | 10.36932 |
| 32258 | GLOBAL | Cartesian | 43.60842 | 3.65 | 10.26883 | No | 43.60842 | 3.65 | 10.26883 |
| 32259 | GLOBAL | Cartesian | 43.60842 | 3.65 | 10.16835 | No | 43.60842 | 3.65 | 10.16835 |
| 32260 | GLOBAL | Cartesian | 43.7941 | 3.65 | 10.35102 | No | 43.7941 | 3.65 | 10.35102 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32261 | GLOBAL | Cartesian | 43.7941 | 3.65 | 10.25053 | No | 43.7941 | 3.65 | 10.25053 |
| 32262 | GLOBAL | Cartesian | 43.7941 | 3.65 | 10.15005 | No | 43.7941 | 3.65 | 10.15005 |
| 32263 | GLOBAL | Cartesian | 43.97978 | 3.65 | 10.33271 | No | 43.97978 | 3.65 | 10.33271 |
| 32264 | GLOBAL | Cartesian | 43.97978 | 3.65 | 10.23223 | No | 43.97978 | 3.65 | 10.23223 |
| 32265 | GLOBAL | Cartesian | 43.97978 | 3.65 | 10.13174 | No | 43.97978 | 3.65 | 10.13174 |
| 32266 | GLOBAL | Cartesian | 44.16545 | 3.65 | 10.31441 | No | 44.16545 | 3.65 | 10.31441 |
| 32267 | GLOBAL | Cartesian | 44.16545 | 3.65 | 10.21392 | No | 44.16545 | 3.65 | 10.21392 |
| 32268 | GLOBAL | Cartesian | 44.16545 | 3.65 | 10.11344 | No | 44.16545 | 3.65 | 10.11344 |
| 32269 | GLOBAL | Cartesian | 44.35113 | 3.65 | 10.2961 | No | 44.35113 | 3.65 | 10.2961 |
| 32270 | GLOBAL | Cartesian | 44.35113 | 3.65 | 10.19562 | No | 44.35113 | 3.65 | 10.19562 |
| 32271 | GLOBAL | Cartesian | 44.5368 | 3.65 | 10.2778 | No | 44.5368 | 3.65 | 10.2778 |
| 32272 | GLOBAL | Cartesian | 44.5368 | 3.65 | 10.17731 | No | 44.5368 | 3.65 | 10.17731 |
| 32273 | GLOBAL | Cartesian | 44.72248 | 3.65 | 10.15901 | No | 44.72248 | 3.65 | 10.15901 |
| 32274 | GLOBAL | Cartesian | 44.82258 | 3.65 | 10.24963 | No | 44.82258 | 3.65 | 10.24963 |
| 32275 | GLOBAL | Cartesian | 44.82258 | 3.65 | 10.14914 | No | 44.82258 | 3.65 | 10.14914 |
| 32276 | GLOBAL | Cartesian | 44.82258 | 3.65 | 10.04866 | No | 44.82258 | 3.65 | 10.04866 |
| 32277 | GLOBAL | Cartesian | 44.92268 | 3.65 | 10.13927 | No | 44.92268 | 3.65 | 10.13927 |
| 32278 | GLOBAL | Cartesian | 45.02268 | 3.65 | 10.2299 | No | 45.02268 | 3.65 | 10.2299 |
| 32279 | GLOBAL | Cartesian | 45.02268 | 3.65 | 10.12941 | No | 45.02268 | 3.65 | 10.12941 |
| 32280 | GLOBAL | Cartesian | 45.02268 | 3.65 | 10.02893 | No | 45.02268 | 3.65 | 10.02893 |
| 32281 | GLOBAL | Cartesian | 45.12268 | 3.65 | 10.11956 | No | 45.12268 | 3.65 | 10.11956 |
| 32282 | GLOBAL | Cartesian | 45.30838 | 3.65 | 10.20173 | No | 45.30838 | 3.65 | 10.20173 |
| 32283 | GLOBAL | Cartesian | 45.30838 | 3.65 | 10.10125 | No | 45.30838 | 3.65 | 10.10125 |
| 32284 | GLOBAL | Cartesian | 45.30838 | 3.65 | 10.00076 | No | 45.30838 | 3.65 | 10.00076 |
| 32285 | GLOBAL | Cartesian | 45.49408 | 3.65 | 10.18343 | No | 45.49408 | 3.65 | 10.18343 |
| 32286 | GLOBAL | Cartesian | 45.49408 | 3.65 | 10.08294 | No | 45.49408 | 3.65 | 10.08294 |
| 32287 | GLOBAL | Cartesian | 45.49408 | 3.65 | 9.98246 | No | 45.49408 | 3.65 | 9.98246 |
| 32288 | GLOBAL | Cartesian | 45.67978 | 3.65 | 10.16512 | No | 45.67978 | 3.65 | 10.16512 |
| 32289 | GLOBAL | Cartesian | 45.67978 | 3.65 | 10.06464 | No | 45.67978 | 3.65 | 10.06464 |
| 32290 | GLOBAL | Cartesian | 45.67978 | 3.65 | 9.96415 | No | 45.67978 | 3.65 | 9.96415 |
| 32291 | GLOBAL | Cartesian | 45.86548 | 3.65 | 10.14681 | No | 45.86548 | 3.65 | 10.14681 |
| 32292 | GLOBAL | Cartesian | 45.86548 | 3.65 | 10.04633 | No | 45.86548 | 3.65 | 10.04633 |
| 32293 | GLOBAL | Cartesian | 45.86548 | 3.65 | 9.94584 | No | 45.86548 | 3.65 | 9.94584 |
| 32294 | GLOBAL | Cartesian | 46.05118 | 3.65 | 10.12851 | No | 46.05118 | 3.65 | 10.12851 |
| 32295 | GLOBAL | Cartesian | 46.05118 | 3.65 | 10.02802 | No | 46.05118 | 3.65 | 10.02802 |
| 32296 | GLOBAL | Cartesian | 46.05118 | 3.65 | 9.92754 | No | 46.05118 | 3.65 | 9.92754 |
| 32297 | GLOBAL | Cartesian | 46.23688 | 3.65 | 10.1102 | No | 46.23688 | 3.65 | 10.1102 |
| 32298 | GLOBAL | Cartesian | 46.23688 | 3.65 | 10.00972 | No | 46.23688 | 3.65 | 10.00972 |
| 32299 | GLOBAL | Cartesian | 46.23688 | 3.65 | 9.90923 | No | 46.23688 | 3.65 | 9.90923 |
| 32300 | GLOBAL | Cartesian | 46.42258 | 3.65 | 10.09189 | No | 46.42258 | 3.65 | 10.09189 |
| 32301 | GLOBAL | Cartesian | 46.42258 | 3.65 | 9.99141 | No | 46.42258 | 3.65 | 9.99141 |
| 32302 | GLOBAL | Cartesian | 46.42258 | 3.65 | 9.89092 | No | 46.42258 | 3.65 | 9.89092 |
| 32303 | GLOBAL | Cartesian | 46.60828 | 3.65 | 10.07359 | No | 46.60828 | 3.65 | 10.07359 |
| 32304 | GLOBAL | Cartesian | 46.60828 | 3.65 | 9.9731 | No | 46.60828 | 3.65 | 9.9731 |
| 32305 | GLOBAL | Cartesian | 46.60828 | 3.65 | 9.87262 | No | 46.60828 | 3.65 | 9.87262 |
| 32306 | GLOBAL | Cartesian | 46.79398 | 3.65 | 10.05528 | No | 46.79398 | 3.65 | 10.05528 |
| 32307 | GLOBAL | Cartesian | 46.79398 | 3.65 | 9.9548 | No | 46.79398 | 3.65 | 9.9548 |
| 32308 | GLOBAL | Cartesian | 46.79398 | 3.65 | 9.85431 | No | 46.79398 | 3.65 | 9.85431 |
| 32309 | GLOBAL | Cartesian | 46.97968 | 3.65 | 10.03697 | No | 46.97968 | 3.65 | 10.03697 |
| 32310 | GLOBAL | Cartesian | 46.97968 | 3.65 | 9.93649 | No | 46.97968 | 3.65 | 9.93649 |
| 32311 | GLOBAL | Cartesian | 46.97968 | 3.65 | 9.836 | No | 46.97968 | 3.65 | 9.836 |
| 32312 | GLOBAL | Cartesian | 47.16538 | 3.65 | 10.01867 | No | 47.16538 | 3.65 | 10.01867 |
| 32313 | GLOBAL | Cartesian | 47.16538 | 3.65 | 9.91818 | No | 47.16538 | 3.65 | 9.91818 |
| 32314 | GLOBAL | Cartesian | 47.16538 | 3.65 | 9.8177 | No | 47.16538 | 3.65 | 9.8177 |
| 32315 | GLOBAL | Cartesian | 47.35108 | 3.65 | 10.00036 | No | 47.35108 | 3.65 | 10.00036 |
| 32316 | GLOBAL | Cartesian | 47.35108 | 3.65 | 9.89988 | No | 47.35108 | 3.65 | 9.89988 |
| 32317 | GLOBAL | Cartesian | 47.53678 | 3.65 | 9.98205 | No | 47.53678 | 3.65 | 9.98205 |
| 32318 | GLOBAL | Cartesian | 47.53678 | 3.65 | 9.88157 | No | 47.53678 | 3.65 | 9.88157 |
| 32319 | GLOBAL | Cartesian | 47.53678 | 3.65 | 9.78108 | No | 47.53678 | 3.65 | 9.78108 |
| 32320 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.86326 | No | 47.72248 | 3.65 | 9.86326 |
| 32321 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.95388 | No | 47.82258 | 3.65 | 9.95388 |
| 32322 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.85339 | No | 47.82258 | 3.65 | 9.85339 |
| 32323 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.75291 | No | 47.82258 | 3.65 | 9.75291 |
| 32324 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.84353 | No | 47.92268 | 3.65 | 9.84353 |
| 32325 | GLOBAL | Cartesian | 35.82268 | 3.65 | 10.73948 | No | 35.82268 | 3.65 | 10.73948 |
| 32326 | GLOBAL | Cartesian | 35.72268 | 3.65 | 10.74852 | No | 35.72268 | 3.65 | 10.74852 |
| 32327 | GLOBAL | Cartesian | 35.82268 | 3.65 | 10.54308 | No | 35.82268 | 3.65 | 10.54308 |
| 32328 | GLOBAL | Cartesian | 35.82269 | 3.65 | 10.34668 | No | 35.82269 | 3.65 | 10.34668 |
| 32329 | GLOBAL | Cartesian | 35.7227 | 3.65 | 10.35407 | No | 35.7227 | 3.65 | 10.35407 |
| 32330 | GLOBAL | Cartesian | 35.82269 | 3.65 | 10.15027 | No | 35.82269 | 3.65 | 10.15027 |
| 32331 | GLOBAL | Cartesian | 35.7227 | 3.65 | 10.15685 | No | 35.7227 | 3.65 | 10.15685 |
| 32332 | GLOBAL | Cartesian | 35.82269 | 3.65 | 9.95387 | No | 35.82269 | 3.65 | 9.95387 |
| 32333 | GLOBAL | Cartesian | 35.72271 | 3.65 | 9.95963 | No | 35.72271 | 3.65 | 9.95963 |
| 32334 | GLOBAL | Cartesian | 35.8227 | 3.65 | 9.75747 | No | 35.8227 | 3.65 | 9.75747 |
| 32335 | GLOBAL | Cartesian | 35.72271 | 3.65 | 9.7624 | No | 35.72271 | 3.65 | 9.7624 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32336 | GLOBAL | Cartesian | 35.8227 | 3.65 | 9.56106 | No | 35.8227 | 3.65 | 9.56106 |
| 32337 | GLOBAL | Cartesian | 35.72272 | 3.65 | 9.56518 | No | 35.72272 | 3.65 | 9.56518 |
| 32338 | GLOBAL | Cartesian | 35.8227 | 3.65 | 9.36466 | No | 35.8227 | 3.65 | 9.36466 |
| 32339 | GLOBAL | Cartesian | 35.72272 | 3.65 | 9.36796 | No | 35.72272 | 3.65 | 9.36796 |
| 32340 | GLOBAL | Cartesian | 35.8227 | 3.65 | 9.16826 | No | 35.8227 | 3.65 | 9.16826 |
| 32341 | GLOBAL | Cartesian | 35.72273 | 3.65 | 9.17073 | No | 35.72273 | 3.65 | 9.17073 |
| 32342 | GLOBAL | Cartesian | 35.82271 | 3.65 | 8.97185 | No | 35.82271 | 3.65 | 8.97185 |
| 32343 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.73044 | No | 35.92268 | 3.65 | 10.73044 |
| 32344 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.53486 | No | 35.92268 | 3.65 | 10.53486 |
| 32345 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.33928 | No | 35.92268 | 3.65 | 10.33928 |
| 32346 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.1437 | No | 35.92268 | 3.65 | 10.1437 |
| 32347 | GLOBAL | Cartesian | 35.92268 | 3.65 | 9.94811 | No | 35.92268 | 3.65 | 9.94811 |
| 32348 | GLOBAL | Cartesian | 35.92268 | 3.65 | 9.75253 | No | 35.92268 | 3.65 | 9.75253 |
| 32349 | GLOBAL | Cartesian | 35.92268 | 3.65 | 9.55695 | No | 35.92268 | 3.65 | 9.55695 |
| 32350 | GLOBAL | Cartesian | 35.92268 | 3.65 | 9.36136 | No | 35.92268 | 3.65 | 9.36136 |
| 32351 | GLOBAL | Cartesian | 35.92268 | 3.65 | 9.16578 | No | 35.92268 | 3.65 | 9.16578 |
| 32352 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.72141 | No | 36.02268 | 3.65 | 10.72141 |
| 32353 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.52664 | No | 36.02268 | 3.65 | 10.52664 |
| 32354 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.33188 | No | 36.02268 | 3.65 | 10.33188 |
| 32355 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.13712 | No | 36.02268 | 3.65 | 10.13712 |
| 32356 | GLOBAL | Cartesian | 36.02268 | 3.65 | 9.94235 | No | 36.02268 | 3.65 | 9.94235 |
| 32357 | GLOBAL | Cartesian | 36.02268 | 3.65 | 9.74759 | No | 36.02268 | 3.65 | 9.74759 |
| 32358 | GLOBAL | Cartesian | 36.02268 | 3.65 | 9.55283 | No | 36.02268 | 3.65 | 9.55283 |
| 32359 | GLOBAL | Cartesian | 36.02268 | 3.65 | 9.35807 | No | 36.02268 | 3.65 | 9.35807 |
| 32360 | GLOBAL | Cartesian | 36.02268 | 3.65 | 9.1633 | No | 36.02268 | 3.65 | 9.1633 |
| 32361 | GLOBAL | Cartesian | 36.02268 | 3.65 | 8.96854 | No | 36.02268 | 3.65 | 8.96854 |
| 32362 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.71237 | No | 36.12268 | 3.65 | 10.71237 |
| 32363 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.51843 | No | 36.12268 | 3.65 | 10.51843 |
| 32364 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.32448 | No | 36.12268 | 3.65 | 10.32448 |
| 32365 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.13054 | No | 36.12268 | 3.65 | 10.13054 |
| 32366 | GLOBAL | Cartesian | 36.12268 | 3.65 | 9.9366 | No | 36.12268 | 3.65 | 9.9366 |
| 32367 | GLOBAL | Cartesian | 36.12268 | 3.65 | 9.74265 | No | 36.12268 | 3.65 | 9.74265 |
| 32368 | GLOBAL | Cartesian | 36.12268 | 3.65 | 9.54871 | No | 36.12268 | 3.65 | 9.54871 |
| 32369 | GLOBAL | Cartesian | 36.12268 | 3.65 | 9.35477 | No | 36.12268 | 3.65 | 9.35477 |
| 32370 | GLOBAL | Cartesian | 36.12268 | 3.65 | 9.16083 | No | 36.12268 | 3.65 | 9.16083 |
| 32371 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.43964 | No | 38.92268 | 3.65 | 10.43964 |
| 32372 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.44869 | No | 38.82268 | 3.65 | 10.44869 |
| 32373 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.24901 | No | 38.92268 | 3.65 | 10.24901 |
| 32374 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.25725 | No | 38.82268 | 3.65 | 10.25725 |
| 32375 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.26549 | No | 38.72268 | 3.65 | 10.26549 |
| 32376 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.05837 | No | 38.92268 | 3.65 | 10.05837 |
| 32377 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.0658 | No | 38.82268 | 3.65 | 10.0658 |
| 32378 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.07324 | No | 38.72268 | 3.65 | 10.07324 |
| 32379 | GLOBAL | Cartesian | 38.92268 | 3.65 | 9.86773 | No | 38.92268 | 3.65 | 9.86773 |
| 32380 | GLOBAL | Cartesian | 38.82268 | 3.65 | 9.87436 | No | 38.82268 | 3.65 | 9.87436 |
| 32381 | GLOBAL | Cartesian | 38.72268 | 3.65 | 9.88098 | No | 38.72268 | 3.65 | 9.88098 |
| 32382 | GLOBAL | Cartesian | 38.92268 | 3.65 | 9.6771 | No | 38.92268 | 3.65 | 9.6771 |
| 32383 | GLOBAL | Cartesian | 38.82268 | 3.65 | 9.68291 | No | 38.82268 | 3.65 | 9.68291 |
| 32384 | GLOBAL | Cartesian | 38.72268 | 3.65 | 9.68873 | No | 38.72268 | 3.65 | 9.68873 |
| 32385 | GLOBAL | Cartesian | 38.92268 | 3.65 | 9.48646 | No | 38.92268 | 3.65 | 9.48646 |
| 32386 | GLOBAL | Cartesian | 38.82268 | 3.65 | 9.49147 | No | 38.82268 | 3.65 | 9.49147 |
| 32387 | GLOBAL | Cartesian | 38.72268 | 3.65 | 9.49647 | No | 38.72268 | 3.65 | 9.49647 |
| 32388 | GLOBAL | Cartesian | 38.92268 | 3.65 | 9.29583 | No | 38.92268 | 3.65 | 9.29583 |
| 32389 | GLOBAL | Cartesian | 38.82268 | 3.65 | 9.30002 | No | 38.82268 | 3.65 | 9.30002 |
| 32390 | GLOBAL | Cartesian | 38.72268 | 3.65 | 9.30422 | No | 38.72268 | 3.65 | 9.30422 |
| 32391 | GLOBAL | Cartesian | 38.92268 | 3.65 | 9.10519 | No | 38.92268 | 3.65 | 9.10519 |
| 32392 | GLOBAL | Cartesian | 38.82268 | 3.65 | 9.10858 | No | 38.82268 | 3.65 | 9.10858 |
| 32393 | GLOBAL | Cartesian | 38.72268 | 3.65 | 9.11197 | No | 38.72268 | 3.65 | 9.11197 |
| 32394 | GLOBAL | Cartesian | 38.82268 | 3.65 | 8.91713 | No | 38.82268 | 3.65 | 8.91713 |
| 32395 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.42145 | No | 39.12377 | 3.65 | 10.42145 |
| 32396 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.43055 | No | 39.02323 | 3.65 | 10.43055 |
| 32397 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.23244 | No | 39.12377 | 3.65 | 10.23244 |
| 32398 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.24072 | No | 39.02323 | 3.65 | 10.24072 |
| 32399 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.04343 | No | 39.12377 | 3.65 | 10.04343 |
| 32400 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.0509 | No | 39.02323 | 3.65 | 10.0509 |
| 32401 | GLOBAL | Cartesian | 39.12377 | 3.65 | 9.85442 | No | 39.12377 | 3.65 | 9.85442 |
| 32402 | GLOBAL | Cartesian | 39.02323 | 3.65 | 9.86108 | No | 39.02323 | 3.65 | 9.86108 |
| 32403 | GLOBAL | Cartesian | 39.12377 | 3.65 | 9.66541 | No | 39.12377 | 3.65 | 9.66541 |
| 32404 | GLOBAL | Cartesian | 39.02323 | 3.65 | 9.67125 | No | 39.02323 | 3.65 | 9.67125 |
| 32405 | GLOBAL | Cartesian | 39.12377 | 3.65 | 9.4764 | No | 39.12377 | 3.65 | 9.4764 |
| 32406 | GLOBAL | Cartesian | 39.02323 | 3.65 | 9.48143 | No | 39.02323 | 3.65 | 9.48143 |
| 32407 | GLOBAL | Cartesian | 39.12377 | 3.65 | 9.28739 | No | 39.12377 | 3.65 | 9.28739 |
| 32408 | GLOBAL | Cartesian | 39.02323 | 3.65 | 9.29161 | No | 39.02323 | 3.65 | 9.29161 |
| 32409 | GLOBAL | Cartesian | 39.12377 | 3.65 | 9.09837 | No | 39.12377 | 3.65 | 9.09837 |
| 32410 | GLOBAL | Cartesian | 39.02323 | 3.65 | 9.10178 | No | 39.02323 | 3.65 | 9.10178 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32411 | GLOBAL | Cartesian | 39.02323 | 3.65 | 8.91196 | No | 39.02323 | 3.65 | 8.91196 |
| 32412 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.14666 | No | 41.92268 | 3.65 | 10.14666 |
| 32413 | GLOBAL | Cartesian | 41.82259 | 3.65 | 10.15573 | No | 41.82259 | 3.65 | 10.15573 |
| 32414 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.95879 | No | 41.92268 | 3.65 | 9.95879 |
| 32415 | GLOBAL | Cartesian | 41.82261 | 3.65 | 9.96706 | No | 41.82261 | 3.65 | 9.96706 |
| 32416 | GLOBAL | Cartesian | 41.72253 | 3.65 | 9.97534 | No | 41.72253 | 3.65 | 9.97534 |
| 32417 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.77091 | No | 41.92268 | 3.65 | 9.77091 |
| 32418 | GLOBAL | Cartesian | 41.82262 | 3.65 | 9.77839 | No | 41.82262 | 3.65 | 9.77839 |
| 32419 | GLOBAL | Cartesian | 41.72257 | 3.65 | 9.78587 | No | 41.72257 | 3.65 | 9.78587 |
| 32420 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.58304 | No | 41.92268 | 3.65 | 9.58304 |
| 32421 | GLOBAL | Cartesian | 41.82264 | 3.65 | 9.58972 | No | 41.82264 | 3.65 | 9.58972 |
| 32422 | GLOBAL | Cartesian | 41.7226 | 3.65 | 9.59641 | No | 41.7226 | 3.65 | 9.59641 |
| 32423 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.39516 | No | 41.92268 | 3.65 | 9.39516 |
| 32424 | GLOBAL | Cartesian | 41.82265 | 3.65 | 9.40105 | No | 41.82265 | 3.65 | 9.40105 |
| 32425 | GLOBAL | Cartesian | 41.72263 | 3.65 | 9.40694 | No | 41.72263 | 3.65 | 9.40694 |
| 32426 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.20729 | No | 41.92268 | 3.65 | 9.20729 |
| 32427 | GLOBAL | Cartesian | 41.82267 | 3.65 | 9.21238 | No | 41.82267 | 3.65 | 9.21238 |
| 32428 | GLOBAL | Cartesian | 41.72266 | 3.65 | 9.21748 | No | 41.72266 | 3.65 | 9.21748 |
| 32429 | GLOBAL | Cartesian | 41.92268 | 3.65 | 9.01941 | No | 41.92268 | 3.65 | 9.01941 |
| 32430 | GLOBAL | Cartesian | 41.82268 | 3.65 | 9.02371 | No | 41.82268 | 3.65 | 9.02371 |
| 32431 | GLOBAL | Cartesian | 41.72269 | 3.65 | 9.02801 | No | 41.72269 | 3.65 | 9.02801 |
| 32432 | GLOBAL | Cartesian | 41.8227 | 3.65 | 8.83504 | No | 41.8227 | 3.65 | 8.83504 |
| 32433 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.1285 | No | 42.12302 | 3.65 | 10.1285 |
| 32434 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.13758 | No | 42.02285 | 3.65 | 10.13758 |
| 32435 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.94222 | No | 42.12302 | 3.65 | 9.94222 |
| 32436 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.9505 | No | 42.02285 | 3.65 | 9.9505 |
| 32437 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.75594 | No | 42.12302 | 3.65 | 9.75594 |
| 32438 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.76342 | No | 42.02285 | 3.65 | 9.76342 |
| 32439 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.56965 | No | 42.12302 | 3.65 | 9.56965 |
| 32440 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.57634 | No | 42.02285 | 3.65 | 9.57634 |
| 32441 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.38337 | No | 42.12302 | 3.65 | 9.38337 |
| 32442 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.38927 | No | 42.02285 | 3.65 | 9.38927 |
| 32443 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.19709 | No | 42.12302 | 3.65 | 9.19709 |
| 32444 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.20219 | No | 42.02285 | 3.65 | 9.20219 |
| 32445 | GLOBAL | Cartesian | 42.12302 | 3.65 | 9.0108 | No | 42.12302 | 3.65 | 9.0108 |
| 32446 | GLOBAL | Cartesian | 42.02285 | 3.65 | 9.01511 | No | 42.02285 | 3.65 | 9.01511 |
| 32447 | GLOBAL | Cartesian | 42.02285 | 3.65 | 8.82803 | No | 42.02285 | 3.65 | 8.82803 |
| 32448 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.85055 | No | 44.92268 | 3.65 | 9.85055 |
| 32449 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.85964 | No | 44.82258 | 3.65 | 9.85964 |
| 32450 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.66231 | No | 44.92268 | 3.65 | 9.66231 |
| 32451 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.67063 | No | 44.82258 | 3.65 | 9.67063 |
| 32452 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.67894 | No | 44.72248 | 3.65 | 9.67894 |
| 32453 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.47408 | No | 44.92268 | 3.65 | 9.47408 |
| 32454 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.48162 | No | 44.82258 | 3.65 | 9.48162 |
| 32455 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.48915 | No | 44.72248 | 3.65 | 9.48915 |
| 32456 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.28584 | No | 44.92268 | 3.65 | 9.28584 |
| 32457 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.2926 | No | 44.82258 | 3.65 | 9.2926 |
| 32458 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.29937 | No | 44.72248 | 3.65 | 9.29937 |
| 32459 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.0976 | No | 44.92268 | 3.65 | 9.0976 |
| 32460 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.10359 | No | 44.82258 | 3.65 | 9.10359 |
| 32461 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.10958 | No | 44.72248 | 3.65 | 9.10958 |
| 32462 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.90937 | No | 44.92268 | 3.65 | 8.90937 |
| 32463 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.91458 | No | 44.82258 | 3.65 | 8.91458 |
| 32464 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.91979 | No | 44.72248 | 3.65 | 8.91979 |
| 32465 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.72556 | No | 44.82258 | 3.65 | 8.72556 |
| 32466 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.83239 | No | 45.12268 | 3.65 | 9.83239 |
| 32467 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.84147 | No | 45.02268 | 3.65 | 9.84147 |
| 32468 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.6457 | No | 45.12268 | 3.65 | 9.6457 |
| 32469 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.65401 | No | 45.02268 | 3.65 | 9.65401 |
| 32470 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.45902 | No | 45.12268 | 3.65 | 9.45902 |
| 32471 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.46655 | No | 45.02268 | 3.65 | 9.46655 |
| 32472 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.27233 | No | 45.12268 | 3.65 | 9.27233 |
| 32473 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.27909 | No | 45.02268 | 3.65 | 9.27909 |
| 32474 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.08565 | No | 45.12268 | 3.65 | 9.08565 |
| 32475 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.09163 | No | 45.02268 | 3.65 | 9.09163 |
| 32476 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.89896 | No | 45.12268 | 3.65 | 8.89896 |
| 32477 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.90416 | No | 45.02268 | 3.65 | 8.90416 |
| 32478 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.7167 | No | 45.02268 | 3.65 | 8.7167 |
| 32479 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.5502 | No | 47.92268 | 3.65 | 9.5502 |
| 32480 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.55919 | No | 47.82258 | 3.65 | 9.55919 |
| 32481 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.35736 | No | 47.92268 | 3.65 | 9.35736 |
| 32482 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.36547 | No | 47.82258 | 3.65 | 9.36547 |
| 32483 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.37358 | No | 47.72248 | 3.65 | 9.37358 |
| 32484 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.16451 | No | 47.92268 | 3.65 | 9.16451 |
| 32485 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.17175 | No | 47.82258 | 3.65 | 9.17175 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32486 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.17899 | No | 47.72248 | 3.65 | 9.17899 |
| 32487 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.97167 | No | 47.92268 | 3.65 | 8.97167 |
| 32488 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.97803 | No | 47.82258 | 3.65 | 8.97803 |
| 32489 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.98439 | No | 47.72248 | 3.65 | 8.98439 |
| 32490 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.77883 | No | 47.92268 | 3.65 | 8.77883 |
| 32491 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.78431 | No | 47.82258 | 3.65 | 8.78431 |
| 32492 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.78979 | No | 47.72248 | 3.65 | 8.78979 |
| 32493 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.59059 | No | 47.82258 | 3.65 | 8.59059 |
| 32494 | GLOBAL | Cartesian | 35.92268 | 3.65 | 8.79254 | No | 35.92268 | 3.65 | 8.79254 |
| 32495 | GLOBAL | Cartesian | 35.72272 | 3.65 | 8.7955 | No | 35.72272 | 3.65 | 8.7955 |
| 32496 | GLOBAL | Cartesian | 35.92268 | 3.65 | 8.61489 | No | 35.92268 | 3.65 | 8.61489 |
| 32497 | GLOBAL | Cartesian | 35.72272 | 3.65 | 8.61749 | No | 35.72272 | 3.65 | 8.61749 |
| 32498 | GLOBAL | Cartesian | 35.92268 | 3.65 | 8.43723 | No | 35.92268 | 3.65 | 8.43723 |
| 32499 | GLOBAL | Cartesian | 35.72271 | 3.65 | 8.43948 | No | 35.72271 | 3.65 | 8.43948 |
| 32500 | GLOBAL | Cartesian | 36.12268 | 3.65 | 8.78916 | No | 36.12268 | 3.65 | 8.78916 |
| 32501 | GLOBAL | Cartesian | 36.02268 | 3.65 | 8.79085 | No | 36.02268 | 3.65 | 8.79085 |
| 32502 | GLOBAL | Cartesian | 36.12268 | 3.65 | 8.61144 | No | 36.12268 | 3.65 | 8.61144 |
| 32503 | GLOBAL | Cartesian | 36.02268 | 3.65 | 8.61316 | No | 36.02268 | 3.65 | 8.61316 |
| 32504 | GLOBAL | Cartesian | 36.12268 | 3.65 | 8.43371 | No | 36.12268 | 3.65 | 8.43371 |
| 32505 | GLOBAL | Cartesian | 36.02268 | 3.65 | 8.43547 | No | 36.02268 | 3.65 | 8.43547 |
| 32506 | GLOBAL | Cartesian | 36.02268 | 3.65 | 8.25778 | No | 36.02268 | 3.65 | 8.25778 |
| 32507 | GLOBAL | Cartesian | 38.92268 | 3.65 | 8.73689 | No | 38.92268 | 3.65 | 8.73689 |
| 32508 | GLOBAL | Cartesian | 38.82268 | 3.65 | 8.73929 | No | 38.82268 | 3.65 | 8.73929 |
| 32509 | GLOBAL | Cartesian | 38.72268 | 3.65 | 8.74169 | No | 38.72268 | 3.65 | 8.74169 |
| 32510 | GLOBAL | Cartesian | 38.92268 | 3.65 | 8.55922 | No | 38.92268 | 3.65 | 8.55922 |
| 32511 | GLOBAL | Cartesian | 38.82268 | 3.65 | 8.56144 | No | 38.82268 | 3.65 | 8.56144 |
| 32512 | GLOBAL | Cartesian | 38.72268 | 3.65 | 8.56366 | No | 38.72268 | 3.65 | 8.56366 |
| 32513 | GLOBAL | Cartesian | 38.92268 | 3.65 | 8.38156 | No | 38.92268 | 3.65 | 8.38156 |
| 32514 | GLOBAL | Cartesian | 38.82268 | 3.65 | 8.3836 | No | 38.82268 | 3.65 | 8.3836 |
| 32515 | GLOBAL | Cartesian | 38.72268 | 3.65 | 8.38564 | No | 38.72268 | 3.65 | 8.38564 |
| 32516 | GLOBAL | Cartesian | 38.82268 | 3.65 | 8.20575 | No | 38.82268 | 3.65 | 8.20575 |
| 32517 | GLOBAL | Cartesian | 39.12377 | 3.65 | 8.73163 | No | 39.12377 | 3.65 | 8.73163 |
| 32518 | GLOBAL | Cartesian | 39.02323 | 3.65 | 8.73426 | No | 39.02323 | 3.65 | 8.73426 |
| 32519 | GLOBAL | Cartesian | 39.12377 | 3.65 | 8.5539 | No | 39.12377 | 3.65 | 8.5539 |
| 32520 | GLOBAL | Cartesian | 39.02323 | 3.65 | 8.55656 | No | 39.02323 | 3.65 | 8.55656 |
| 32521 | GLOBAL | Cartesian | 39.12377 | 3.65 | 8.37616 | No | 39.12377 | 3.65 | 8.37616 |
| 32522 | GLOBAL | Cartesian | 39.02323 | 3.65 | 8.37886 | No | 39.02323 | 3.65 | 8.37886 |
| 32523 | GLOBAL | Cartesian | 39.02323 | 3.65 | 8.20116 | No | 39.02323 | 3.65 | 8.20116 |
| 32524 | GLOBAL | Cartesian | 41.92268 | 3.65 | 8.65385 | No | 41.92268 | 3.65 | 8.65385 |
| 32525 | GLOBAL | Cartesian | 41.82267 | 3.65 | 8.65717 | No | 41.82267 | 3.65 | 8.65717 |
| 32526 | GLOBAL | Cartesian | 41.72266 | 3.65 | 8.66049 | No | 41.72266 | 3.65 | 8.66049 |
| 32527 | GLOBAL | Cartesian | 41.92268 | 3.65 | 8.47616 | No | 41.92268 | 3.65 | 8.47616 |
| 32528 | GLOBAL | Cartesian | 41.82264 | 3.65 | 8.4793 | No | 41.82264 | 3.65 | 8.4793 |
| 32529 | GLOBAL | Cartesian | 41.7226 | 3.65 | 8.48244 | No | 41.7226 | 3.65 | 8.48244 |
| 32530 | GLOBAL | Cartesian | 41.92268 | 3.65 | 8.29847 | No | 41.92268 | 3.65 | 8.29847 |
| 32531 | GLOBAL | Cartesian | 41.82261 | 3.65 | 8.30143 | No | 41.82261 | 3.65 | 8.30143 |
| 32532 | GLOBAL | Cartesian | 41.72253 | 3.65 | 8.30439 | No | 41.72253 | 3.65 | 8.30439 |
| 32533 | GLOBAL | Cartesian | 41.82258 | 3.65 | 8.12356 | No | 41.82258 | 3.65 | 8.12356 |
| 32534 | GLOBAL | Cartesian | 42.12302 | 3.65 | 8.64676 | No | 42.12302 | 3.65 | 8.64676 |
| 32535 | GLOBAL | Cartesian | 42.02285 | 3.65 | 8.6503 | No | 42.02285 | 3.65 | 8.6503 |
| 32536 | GLOBAL | Cartesian | 42.12302 | 3.65 | 8.469 | No | 42.12302 | 3.65 | 8.469 |
| 32537 | GLOBAL | Cartesian | 42.02285 | 3.65 | 8.47258 | No | 42.02285 | 3.65 | 8.47258 |
| 32538 | GLOBAL | Cartesian | 42.12302 | 3.65 | 8.29124 | No | 42.12302 | 3.65 | 8.29124 |
| 32539 | GLOBAL | Cartesian | 42.02285 | 3.65 | 8.29485 | No | 42.02285 | 3.65 | 8.29485 |
| 32540 | GLOBAL | Cartesian | 42.02285 | 3.65 | 8.11713 | No | 42.02285 | 3.65 | 8.11713 |
| 32541 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.53447 | No | 45.12268 | 3.65 | 8.53447 |
| 32542 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.53894 | No | 45.02268 | 3.65 | 8.53894 |
| 32543 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.5434 | No | 44.92268 | 3.65 | 8.5434 |
| 32544 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.35667 | No | 45.12268 | 3.65 | 8.35667 |
| 32545 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.36117 | No | 45.02268 | 3.65 | 8.36117 |
| 32546 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.36567 | No | 44.92268 | 3.65 | 8.36567 |
| 32547 | GLOBAL | Cartesian | 45.12268 | 3.65 | 8.17887 | No | 45.12268 | 3.65 | 8.17887 |
| 32548 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.18341 | No | 45.02268 | 3.65 | 8.18341 |
| 32549 | GLOBAL | Cartesian | 44.92268 | 3.65 | 8.18795 | No | 44.92268 | 3.65 | 8.18795 |
| 32550 | GLOBAL | Cartesian | 45.02268 | 3.65 | 8.00564 | No | 45.02268 | 3.65 | 8.00564 |
| 32551 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.54765 | No | 44.82258 | 3.65 | 8.54765 |
| 32552 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.5519 | No | 44.72248 | 3.65 | 8.5519 |
| 32553 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.36974 | No | 44.82258 | 3.65 | 8.36974 |
| 32554 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.3738 | No | 44.72248 | 3.65 | 8.3738 |
| 32555 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.19182 | No | 44.82258 | 3.65 | 8.19182 |
| 32556 | GLOBAL | Cartesian | 44.72248 | 3.65 | 8.1957 | No | 44.72248 | 3.65 | 8.1957 |
| 32557 | GLOBAL | Cartesian | 44.82258 | 3.65 | 8.01391 | No | 44.82258 | 3.65 | 8.01391 |
| 32558 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.40753 | No | 47.92268 | 3.65 | 8.40753 |
| 32559 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.41214 | No | 47.82258 | 3.65 | 8.41214 |
| 32560 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.41675 | No | 47.72248 | 3.65 | 8.41675 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32561 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.22908 | No | 47.92268 | 3.65 | 8.22908 |
| 32562 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.23369 | No | 47.82258 | 3.65 | 8.23369 |
| 32563 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.2383 | No | 47.72248 | 3.65 | 8.2383 |
| 32564 | GLOBAL | Cartesian | 47.92268 | 3.65 | 8.05063 | No | 47.92268 | 3.65 | 8.05063 |
| 32565 | GLOBAL | Cartesian | 47.82258 | 3.65 | 8.05524 | No | 47.82258 | 3.65 | 8.05524 |
| 32566 | GLOBAL | Cartesian | 47.72248 | 3.65 | 8.05985 | No | 47.72248 | 3.65 | 8.05985 |
| 32567 | GLOBAL | Cartesian | 47.82258 | 3.65 | 7.87679 | No | 47.82258 | 3.65 | 7.87679 |
| 32568 | GLOBAL | Cartesian | 33.27718 | 3.65 | 8.99775 | No | 33.27718 | 3.65 | 8.99775 |
| 32569 | GLOBAL | Cartesian | 33.27718 | 3.65 | 8.81947 | No | 33.27718 | 3.65 | 8.81947 |
| 32570 | GLOBAL | Cartesian | 33.27718 | 3.65 | 8.64119 | No | 33.27718 | 3.65 | 8.64119 |
| 32571 | GLOBAL | Cartesian | 33.27718 | 3.65 | 8.46292 | No | 33.27718 | 3.65 | 8.46292 |
| 32572 | GLOBAL | Cartesian | 33.27718 | 3.65 | 8.28464 | No | 33.27718 | 3.65 | 8.28464 |
| 32573 | GLOBAL | Cartesian | 33.43168 | 3.65 | 8.99628 | No | 33.43168 | 3.65 | 8.99628 |
| 32574 | GLOBAL | Cartesian | 33.43168 | 3.65 | 8.81801 | No | 33.43168 | 3.65 | 8.81801 |
| 32575 | GLOBAL | Cartesian | 33.43168 | 3.65 | 8.63973 | No | 33.43168 | 3.65 | 8.63973 |
| 32576 | GLOBAL | Cartesian | 33.43168 | 3.65 | 8.46145 | No | 33.43168 | 3.65 | 8.46145 |
| 32577 | GLOBAL | Cartesian | 33.43168 | 3.65 | 8.28317 | No | 33.43168 | 3.65 | 8.28317 |
| 32578 | GLOBAL | Cartesian | 33.58618 | 3.65 | 8.99482 | No | 33.58618 | 3.65 | 8.99482 |
| 32579 | GLOBAL | Cartesian | 33.58618 | 3.65 | 8.81654 | No | 33.58618 | 3.65 | 8.81654 |
| 32580 | GLOBAL | Cartesian | 33.58618 | 3.65 | 8.63827 | No | 33.58618 | 3.65 | 8.63827 |
| 32581 | GLOBAL | Cartesian | 33.58618 | 3.65 | 8.45999 | No | 33.58618 | 3.65 | 8.45999 |
| 32582 | GLOBAL | Cartesian | 33.58618 | 3.65 | 8.28171 | No | 33.58618 | 3.65 | 8.28171 |
| 32583 | GLOBAL | Cartesian | 33.74068 | 3.65 | 8.81508 | No | 33.74068 | 3.65 | 8.81508 |
| 32584 | GLOBAL | Cartesian | 33.74068 | 3.65 | 8.6368 | No | 33.74068 | 3.65 | 8.6368 |
| 32585 | GLOBAL | Cartesian | 33.74068 | 3.65 | 8.45853 | No | 33.74068 | 3.65 | 8.45853 |
| 32586 | GLOBAL | Cartesian | 33.93889 | 3.65 | 8.99137 | No | 33.93889 | 3.65 | 8.99137 |
| 32587 | GLOBAL | Cartesian | 33.93889 | 3.65 | 8.81312 | No | 33.93889 | 3.65 | 8.81312 |
| 32588 | GLOBAL | Cartesian | 33.93889 | 3.65 | 8.63487 | No | 33.93889 | 3.65 | 8.63487 |
| 32589 | GLOBAL | Cartesian | 33.93889 | 3.65 | 8.45662 | No | 33.93889 | 3.65 | 8.45662 |
| 32590 | GLOBAL | Cartesian | 33.93889 | 3.65 | 8.27837 | No | 33.93889 | 3.65 | 8.27837 |
| 32591 | GLOBAL | Cartesian | 34.13709 | 3.65 | 8.98939 | No | 34.13709 | 3.65 | 8.98939 |
| 32592 | GLOBAL | Cartesian | 34.13709 | 3.65 | 8.81116 | No | 34.13709 | 3.65 | 8.81116 |
| 32593 | GLOBAL | Cartesian | 34.13709 | 3.65 | 8.63294 | No | 34.13709 | 3.65 | 8.63294 |
| 32594 | GLOBAL | Cartesian | 34.13709 | 3.65 | 8.45472 | No | 34.13709 | 3.65 | 8.45472 |
| 32595 | GLOBAL | Cartesian | 34.13709 | 3.65 | 8.27649 | No | 34.13709 | 3.65 | 8.27649 |
| 32596 | GLOBAL | Cartesian | 34.3353 | 3.65 | 8.9874 | No | 34.3353 | 3.65 | 8.9874 |
| 32597 | GLOBAL | Cartesian | 34.3353 | 3.65 | 8.80921 | No | 34.3353 | 3.65 | 8.80921 |
| 32598 | GLOBAL | Cartesian | 34.33529 | 3.65 | 8.63101 | No | 34.33529 | 3.65 | 8.63101 |
| 32599 | GLOBAL | Cartesian | 34.33529 | 3.65 | 8.45281 | No | 34.33529 | 3.65 | 8.45281 |
| 32600 | GLOBAL | Cartesian | 34.33529 | 3.65 | 8.27462 | No | 34.33529 | 3.65 | 8.27462 |
| 32601 | GLOBAL | Cartesian | 34.5335 | 3.65 | 8.98542 | No | 34.5335 | 3.65 | 8.98542 |
| 32602 | GLOBAL | Cartesian | 34.5335 | 3.65 | 8.80725 | No | 34.5335 | 3.65 | 8.80725 |
| 32603 | GLOBAL | Cartesian | 34.5335 | 3.65 | 8.62908 | No | 34.5335 | 3.65 | 8.62908 |
| 32604 | GLOBAL | Cartesian | 34.53349 | 3.65 | 8.45091 | No | 34.53349 | 3.65 | 8.45091 |
| 32605 | GLOBAL | Cartesian | 34.53349 | 3.65 | 8.27274 | No | 34.53349 | 3.65 | 8.27274 |
| 32606 | GLOBAL | Cartesian | 34.73171 | 3.65 | 8.98343 | No | 34.73171 | 3.65 | 8.98343 |
| 32607 | GLOBAL | Cartesian | 34.7317 | 3.65 | 8.80529 | No | 34.7317 | 3.65 | 8.80529 |
| 32608 | GLOBAL | Cartesian | 34.7317 | 3.65 | 8.62715 | No | 34.7317 | 3.65 | 8.62715 |
| 32609 | GLOBAL | Cartesian | 34.7317 | 3.65 | 8.449 | No | 34.7317 | 3.65 | 8.449 |
| 32610 | GLOBAL | Cartesian | 34.73169 | 3.65 | 8.27086 | No | 34.73169 | 3.65 | 8.27086 |
| 32611 | GLOBAL | Cartesian | 34.92991 | 3.65 | 8.98145 | No | 34.92991 | 3.65 | 8.98145 |
| 32612 | GLOBAL | Cartesian | 34.92991 | 3.65 | 8.80333 | No | 34.92991 | 3.65 | 8.80333 |
| 32613 | GLOBAL | Cartesian | 34.9299 | 3.65 | 8.62522 | No | 34.9299 | 3.65 | 8.62522 |
| 32614 | GLOBAL | Cartesian | 34.9299 | 3.65 | 8.4471 | No | 34.9299 | 3.65 | 8.4471 |
| 32615 | GLOBAL | Cartesian | 34.92989 | 3.65 | 8.26898 | No | 34.92989 | 3.65 | 8.26898 |
| 32616 | GLOBAL | Cartesian | 35.12812 | 3.65 | 8.97946 | No | 35.12812 | 3.65 | 8.97946 |
| 32617 | GLOBAL | Cartesian | 35.12811 | 3.65 | 8.80137 | No | 35.12811 | 3.65 | 8.80137 |
| 32618 | GLOBAL | Cartesian | 35.12811 | 3.65 | 8.62328 | No | 35.12811 | 3.65 | 8.62328 |
| 32619 | GLOBAL | Cartesian | 35.1281 | 3.65 | 8.44519 | No | 35.1281 | 3.65 | 8.44519 |
| 32620 | GLOBAL | Cartesian | 35.12809 | 3.65 | 8.26711 | No | 35.12809 | 3.65 | 8.26711 |
| 32621 | GLOBAL | Cartesian | 35.32632 | 3.65 | 8.97748 | No | 35.32632 | 3.65 | 8.97748 |
| 32622 | GLOBAL | Cartesian | 35.32632 | 3.65 | 8.79942 | No | 35.32632 | 3.65 | 8.79942 |
| 32623 | GLOBAL | Cartesian | 35.32631 | 3.65 | 8.62135 | No | 35.32631 | 3.65 | 8.62135 |
| 32624 | GLOBAL | Cartesian | 35.3263 | 3.65 | 8.44329 | No | 35.3263 | 3.65 | 8.44329 |
| 32625 | GLOBAL | Cartesian | 35.32629 | 3.65 | 8.26523 | No | 35.32629 | 3.65 | 8.26523 |
| 32626 | GLOBAL | Cartesian | 35.52453 | 3.65 | 8.97549 | No | 35.52453 | 3.65 | 8.97549 |
| 32627 | GLOBAL | Cartesian | 35.52452 | 3.65 | 8.79746 | No | 35.52452 | 3.65 | 8.79746 |
| 32628 | GLOBAL | Cartesian | 35.52451 | 3.65 | 8.61942 | No | 35.52451 | 3.65 | 8.61942 |
| 32629 | GLOBAL | Cartesian | 35.5245 | 3.65 | 8.44139 | No | 35.5245 | 3.65 | 8.44139 |
| 32630 | GLOBAL | Cartesian | 35.5245 | 3.65 | 8.26335 | No | 35.5245 | 3.65 | 8.26335 |
| 32631 | GLOBAL | Cartesian | 36.29469 | 3.65 | 8.96404 | No | 36.29469 | 3.65 | 8.96404 |
| 32632 | GLOBAL | Cartesian | 36.29469 | 3.65 | 8.78622 | No | 36.29469 | 3.65 | 8.78622 |
| 32633 | GLOBAL | Cartesian | 36.29469 | 3.65 | 8.60841 | No | 36.29469 | 3.65 | 8.60841 |
| 32634 | GLOBAL | Cartesian | 36.29469 | 3.65 | 8.4306 | No | 36.29469 | 3.65 | 8.4306 |
| 32635 | GLOBAL | Cartesian | 36.29469 | 3.65 | 8.25279 | No | 36.29469 | 3.65 | 8.25279 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32636 | GLOBAL | Cartesian | 36.4667 | 3.65 | 8.96119 | No | 36.4667 | 3.65 | 8.96119 |
| 32637 | GLOBAL | Cartesian | 36.4667 | 3.65 | 8.78329 | No | 36.4667 | 3.65 | 8.78329 |
| 32638 | GLOBAL | Cartesian | 36.4667 | 3.65 | 8.60539 | No | 36.4667 | 3.65 | 8.60539 |
| 32639 | GLOBAL | Cartesian | 36.4667 | 3.65 | 8.42749 | No | 36.4667 | 3.65 | 8.42749 |
| 32640 | GLOBAL | Cartesian | 36.4667 | 3.65 | 8.24959 | No | 36.4667 | 3.65 | 8.24959 |
| 32641 | GLOBAL | Cartesian | 36.63871 | 3.65 | 8.95834 | No | 36.63871 | 3.65 | 8.95834 |
| 32642 | GLOBAL | Cartesian | 36.63871 | 3.65 | 8.78035 | No | 36.63871 | 3.65 | 8.78035 |
| 32643 | GLOBAL | Cartesian | 36.63871 | 3.65 | 8.60236 | No | 36.63871 | 3.65 | 8.60236 |
| 32644 | GLOBAL | Cartesian | 36.63871 | 3.65 | 8.42438 | No | 36.63871 | 3.65 | 8.42438 |
| 32645 | GLOBAL | Cartesian | 36.63871 | 3.65 | 8.24639 | No | 36.63871 | 3.65 | 8.24639 |
| 32646 | GLOBAL | Cartesian | 36.81072 | 3.65 | 8.77741 | No | 36.81072 | 3.65 | 8.77741 |
| 32647 | GLOBAL | Cartesian | 36.81072 | 3.65 | 8.59934 | No | 36.81072 | 3.65 | 8.59934 |
| 32648 | GLOBAL | Cartesian | 36.81072 | 3.65 | 8.42126 | No | 36.81072 | 3.65 | 8.42126 |
| 32649 | GLOBAL | Cartesian | 37.00192 | 3.65 | 8.95191 | No | 37.00192 | 3.65 | 8.95191 |
| 32650 | GLOBAL | Cartesian | 37.00192 | 3.65 | 8.77384 | No | 37.00192 | 3.65 | 8.77384 |
| 32651 | GLOBAL | Cartesian | 37.00192 | 3.65 | 8.59577 | No | 37.00192 | 3.65 | 8.59577 |
| 32652 | GLOBAL | Cartesian | 37.00192 | 3.65 | 8.4177 | No | 37.00192 | 3.65 | 8.4177 |
| 32653 | GLOBAL | Cartesian | 37.00192 | 3.65 | 8.23963 | No | 37.00192 | 3.65 | 8.23963 |
| 32654 | GLOBAL | Cartesian | 37.19311 | 3.65 | 8.94833 | No | 37.19311 | 3.65 | 8.94833 |
| 32655 | GLOBAL | Cartesian | 37.19311 | 3.65 | 8.77027 | No | 37.19311 | 3.65 | 8.77027 |
| 32656 | GLOBAL | Cartesian | 37.19311 | 3.65 | 8.5922 | No | 37.19311 | 3.65 | 8.5922 |
| 32657 | GLOBAL | Cartesian | 37.19311 | 3.65 | 8.41414 | No | 37.19311 | 3.65 | 8.41414 |
| 32658 | GLOBAL | Cartesian | 37.19311 | 3.65 | 8.23607 | No | 37.19311 | 3.65 | 8.23607 |
| 32659 | GLOBAL | Cartesian | 37.38431 | 3.65 | 8.94476 | No | 37.38431 | 3.65 | 8.94476 |
| 32660 | GLOBAL | Cartesian | 37.38431 | 3.65 | 8.7667 | No | 37.38431 | 3.65 | 8.7667 |
| 32661 | GLOBAL | Cartesian | 37.38431 | 3.65 | 8.58864 | No | 37.38431 | 3.65 | 8.58864 |
| 32662 | GLOBAL | Cartesian | 37.38431 | 3.65 | 8.41058 | No | 37.38431 | 3.65 | 8.41058 |
| 32663 | GLOBAL | Cartesian | 37.38431 | 3.65 | 8.23252 | No | 37.38431 | 3.65 | 8.23252 |
| 32664 | GLOBAL | Cartesian | 37.5755 | 3.65 | 8.94118 | No | 37.5755 | 3.65 | 8.94118 |
| 32665 | GLOBAL | Cartesian | 37.5755 | 3.65 | 8.76312 | No | 37.5755 | 3.65 | 8.76312 |
| 32666 | GLOBAL | Cartesian | 37.5755 | 3.65 | 8.58507 | No | 37.5755 | 3.65 | 8.58507 |
| 32667 | GLOBAL | Cartesian | 37.5755 | 3.65 | 8.40701 | No | 37.5755 | 3.65 | 8.40701 |
| 32668 | GLOBAL | Cartesian | 37.5755 | 3.65 | 8.22896 | No | 37.5755 | 3.65 | 8.22896 |
| 32669 | GLOBAL | Cartesian | 37.7667 | 3.65 | 8.9376 | No | 37.7667 | 3.65 | 8.9376 |
| 32670 | GLOBAL | Cartesian | 37.7667 | 3.65 | 8.75955 | No | 37.7667 | 3.65 | 8.75955 |
| 32671 | GLOBAL | Cartesian | 37.7667 | 3.65 | 8.5815 | No | 37.7667 | 3.65 | 8.5815 |
| 32672 | GLOBAL | Cartesian | 37.7667 | 3.65 | 8.40345 | No | 37.7667 | 3.65 | 8.40345 |
| 32673 | GLOBAL | Cartesian | 37.7667 | 3.65 | 8.2254 | No | 37.7667 | 3.65 | 8.2254 |
| 32674 | GLOBAL | Cartesian | 37.9579 | 3.65 | 8.93402 | No | 37.9579 | 3.65 | 8.93402 |
| 32675 | GLOBAL | Cartesian | 37.9579 | 3.65 | 8.75598 | No | 37.9579 | 3.65 | 8.75598 |
| 32676 | GLOBAL | Cartesian | 37.9579 | 3.65 | 8.57793 | No | 37.9579 | 3.65 | 8.57793 |
| 32677 | GLOBAL | Cartesian | 37.9579 | 3.65 | 8.39989 | No | 37.9579 | 3.65 | 8.39989 |
| 32678 | GLOBAL | Cartesian | 37.9579 | 3.65 | 8.22184 | No | 37.9579 | 3.65 | 8.22184 |
| 32679 | GLOBAL | Cartesian | 38.14909 | 3.65 | 8.93045 | No | 38.14909 | 3.65 | 8.93045 |
| 32680 | GLOBAL | Cartesian | 38.14909 | 3.65 | 8.75241 | No | 38.14909 | 3.65 | 8.75241 |
| 32681 | GLOBAL | Cartesian | 38.14909 | 3.65 | 8.57437 | No | 38.14909 | 3.65 | 8.57437 |
| 32682 | GLOBAL | Cartesian | 38.14909 | 3.65 | 8.39633 | No | 38.14909 | 3.65 | 8.39633 |
| 32683 | GLOBAL | Cartesian | 38.14909 | 3.65 | 8.21829 | No | 38.14909 | 3.65 | 8.21829 |
| 32684 | GLOBAL | Cartesian | 38.34029 | 3.65 | 8.92687 | No | 38.34029 | 3.65 | 8.92687 |
| 32685 | GLOBAL | Cartesian | 38.34029 | 3.65 | 8.74883 | No | 38.34029 | 3.65 | 8.74883 |
| 32686 | GLOBAL | Cartesian | 38.34029 | 3.65 | 8.5708 | No | 38.34029 | 3.65 | 8.5708 |
| 32687 | GLOBAL | Cartesian | 38.34029 | 3.65 | 8.39276 | No | 38.34029 | 3.65 | 8.39276 |
| 32688 | GLOBAL | Cartesian | 38.34029 | 3.65 | 8.21473 | No | 38.34029 | 3.65 | 8.21473 |
| 32689 | GLOBAL | Cartesian | 38.53148 | 3.65 | 8.92329 | No | 38.53148 | 3.65 | 8.92329 |
| 32690 | GLOBAL | Cartesian | 38.53148 | 3.65 | 8.74526 | No | 38.53148 | 3.65 | 8.74526 |
| 32691 | GLOBAL | Cartesian | 38.53148 | 3.65 | 8.56723 | No | 38.53148 | 3.65 | 8.56723 |
| 32692 | GLOBAL | Cartesian | 38.53148 | 3.65 | 8.3892 | No | 38.53148 | 3.65 | 8.3892 |
| 32693 | GLOBAL | Cartesian | 38.53148 | 3.65 | 8.21117 | No | 38.53148 | 3.65 | 8.21117 |
| 32694 | GLOBAL | Cartesian | 39.31489 | 3.65 | 8.90443 | No | 39.31489 | 3.65 | 8.90443 |
| 32695 | GLOBAL | Cartesian | 39.31489 | 3.65 | 8.72661 | No | 39.31489 | 3.65 | 8.72661 |
| 32696 | GLOBAL | Cartesian | 39.31489 | 3.65 | 8.54878 | No | 39.31489 | 3.65 | 8.54878 |
| 32697 | GLOBAL | Cartesian | 39.31489 | 3.65 | 8.37095 | No | 39.31489 | 3.65 | 8.37095 |
| 32698 | GLOBAL | Cartesian | 39.31489 | 3.65 | 8.19313 | No | 39.31489 | 3.65 | 8.19313 |
| 32699 | GLOBAL | Cartesian | 39.50601 | 3.65 | 8.8995 | No | 39.50601 | 3.65 | 8.8995 |
| 32700 | GLOBAL | Cartesian | 39.50601 | 3.65 | 8.72158 | No | 39.50601 | 3.65 | 8.72158 |
| 32701 | GLOBAL | Cartesian | 39.50601 | 3.65 | 8.54366 | No | 39.50601 | 3.65 | 8.54366 |
| 32702 | GLOBAL | Cartesian | 39.50601 | 3.65 | 8.36574 | No | 39.50601 | 3.65 | 8.36574 |
| 32703 | GLOBAL | Cartesian | 39.50601 | 3.65 | 8.18782 | No | 39.50601 | 3.65 | 8.18782 |
| 32704 | GLOBAL | Cartesian | 39.69713 | 3.65 | 8.89457 | No | 39.69713 | 3.65 | 8.89457 |
| 32705 | GLOBAL | Cartesian | 39.69713 | 3.65 | 8.71656 | No | 39.69713 | 3.65 | 8.71656 |
| 32706 | GLOBAL | Cartesian | 39.69713 | 3.65 | 8.53855 | No | 39.69713 | 3.65 | 8.53855 |
| 32707 | GLOBAL | Cartesian | 39.69713 | 3.65 | 8.36053 | No | 39.69713 | 3.65 | 8.36053 |
| 32708 | GLOBAL | Cartesian | 39.69713 | 3.65 | 8.18252 | No | 39.69713 | 3.65 | 8.18252 |
| 32709 | GLOBAL | Cartesian | 39.88825 | 3.65 | 8.71154 | No | 39.88825 | 3.65 | 8.71154 |
| 32710 | GLOBAL | Cartesian | 39.88825 | 3.65 | 8.53343 | No | 39.88825 | 3.65 | 8.53343 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32711 | GLOBAL | Cartesian | 39.88825 | 3.65 | 8.35533 | No | 39.88825 | 3.65 | 8.35533 |
| 32712 | GLOBAL | Cartesian | 40.07169 | 3.65 | 8.88453 | No | 40.07169 | 3.65 | 8.88453 |
| 32713 | GLOBAL | Cartesian | 40.07169 | 3.65 | 8.70643 | No | 40.07169 | 3.65 | 8.70643 |
| 32714 | GLOBAL | Cartesian | 40.07168 | 3.65 | 8.52833 | No | 40.07168 | 3.65 | 8.52833 |
| 32715 | GLOBAL | Cartesian | 40.07167 | 3.65 | 8.35023 | No | 40.07167 | 3.65 | 8.35023 |
| 32716 | GLOBAL | Cartesian | 40.07167 | 3.65 | 8.17213 | No | 40.07167 | 3.65 | 8.17213 |
| 32717 | GLOBAL | Cartesian | 40.25514 | 3.65 | 8.87942 | No | 40.25514 | 3.65 | 8.87942 |
| 32718 | GLOBAL | Cartesian | 40.25513 | 3.65 | 8.70133 | No | 40.25513 | 3.65 | 8.70133 |
| 32719 | GLOBAL | Cartesian | 40.25512 | 3.65 | 8.52323 | No | 40.25512 | 3.65 | 8.52323 |
| 32720 | GLOBAL | Cartesian | 40.2551 | 3.65 | 8.34514 | No | 40.2551 | 3.65 | 8.34514 |
| 32721 | GLOBAL | Cartesian | 40.25509 | 3.65 | 8.16704 | No | 40.25509 | 3.65 | 8.16704 |
| 32722 | GLOBAL | Cartesian | 40.43859 | 3.65 | 8.87431 | No | 40.43859 | 3.65 | 8.87431 |
| 32723 | GLOBAL | Cartesian | 40.43857 | 3.65 | 8.69622 | No | 40.43857 | 3.65 | 8.69622 |
| 32724 | GLOBAL | Cartesian | 40.43855 | 3.65 | 8.51813 | No | 40.43855 | 3.65 | 8.51813 |
| 32725 | GLOBAL | Cartesian | 40.43853 | 3.65 | 8.34004 | No | 40.43853 | 3.65 | 8.34004 |
| 32726 | GLOBAL | Cartesian | 40.43851 | 3.65 | 8.16195 | No | 40.43851 | 3.65 | 8.16195 |
| 32727 | GLOBAL | Cartesian | 40.62203 | 3.65 | 8.8692 | No | 40.62203 | 3.65 | 8.8692 |
| 32728 | GLOBAL | Cartesian | 40.62201 | 3.65 | 8.69112 | No | 40.62201 | 3.65 | 8.69112 |
| 32729 | GLOBAL | Cartesian | 40.62199 | 3.65 | 8.51303 | No | 40.62199 | 3.65 | 8.51303 |
| 32730 | GLOBAL | Cartesian | 40.62196 | 3.65 | 8.33495 | No | 40.62196 | 3.65 | 8.33495 |
| 32731 | GLOBAL | Cartesian | 40.62194 | 3.65 | 8.15687 | No | 40.62194 | 3.65 | 8.15687 |
| 32732 | GLOBAL | Cartesian | 40.80548 | 3.65 | 8.86409 | No | 40.80548 | 3.65 | 8.86409 |
| 32733 | GLOBAL | Cartesian | 40.80545 | 3.65 | 8.68601 | No | 40.80545 | 3.65 | 8.68601 |
| 32734 | GLOBAL | Cartesian | 40.80542 | 3.65 | 8.50793 | No | 40.80542 | 3.65 | 8.50793 |
| 32735 | GLOBAL | Cartesian | 40.80539 | 3.65 | 8.32986 | No | 40.80539 | 3.65 | 8.32986 |
| 32736 | GLOBAL | Cartesian | 40.80536 | 3.65 | 8.15178 | No | 40.80536 | 3.65 | 8.15178 |
| 32737 | GLOBAL | Cartesian | 40.98893 | 3.65 | 8.85898 | No | 40.98893 | 3.65 | 8.85898 |
| 32738 | GLOBAL | Cartesian | 40.98889 | 3.65 | 8.68091 | No | 40.98889 | 3.65 | 8.68091 |
| 32739 | GLOBAL | Cartesian | 40.98886 | 3.65 | 8.50284 | No | 40.98886 | 3.65 | 8.50284 |
| 32740 | GLOBAL | Cartesian | 40.98882 | 3.65 | 8.32476 | No | 40.98882 | 3.65 | 8.32476 |
| 32741 | GLOBAL | Cartesian | 40.98878 | 3.65 | 8.14669 | No | 40.98878 | 3.65 | 8.14669 |
| 32742 | GLOBAL | Cartesian | 41.17238 | 3.65 | 8.85387 | No | 41.17238 | 3.65 | 8.85387 |
| 32743 | GLOBAL | Cartesian | 41.17233 | 3.65 | 8.6758 | No | 41.17233 | 3.65 | 8.6758 |
| 32744 | GLOBAL | Cartesian | 41.17229 | 3.65 | 8.49774 | No | 41.17229 | 3.65 | 8.49774 |
| 32745 | GLOBAL | Cartesian | 41.17225 | 3.65 | 8.31967 | No | 41.17225 | 3.65 | 8.31967 |
| 32746 | GLOBAL | Cartesian | 41.1722 | 3.65 | 8.1416 | No | 41.1722 | 3.65 | 8.1416 |
| 32747 | GLOBAL | Cartesian | 41.35582 | 3.65 | 8.84876 | No | 41.35582 | 3.65 | 8.84876 |
| 32748 | GLOBAL | Cartesian | 41.35577 | 3.65 | 8.6707 | No | 41.35577 | 3.65 | 8.6707 |
| 32749 | GLOBAL | Cartesian | 41.35573 | 3.65 | 8.49264 | No | 41.35573 | 3.65 | 8.49264 |
| 32750 | GLOBAL | Cartesian | 41.35568 | 3.65 | 8.31457 | No | 41.35568 | 3.65 | 8.31457 |
| 32751 | GLOBAL | Cartesian | 41.35563 | 3.65 | 8.13651 | No | 41.35563 | 3.65 | 8.13651 |
| 32752 | GLOBAL | Cartesian | 41.53927 | 3.65 | 8.84365 | No | 41.53927 | 3.65 | 8.84365 |
| 32753 | GLOBAL | Cartesian | 41.53922 | 3.65 | 8.6656 | No | 41.53922 | 3.65 | 8.6656 |
| 32754 | GLOBAL | Cartesian | 41.53916 | 3.65 | 8.48754 | No | 41.53916 | 3.65 | 8.48754 |
| 32755 | GLOBAL | Cartesian | 41.53911 | 3.65 | 8.30948 | No | 41.53911 | 3.65 | 8.30948 |
| 32756 | GLOBAL | Cartesian | 41.53905 | 3.65 | 8.13142 | No | 41.53905 | 3.65 | 8.13142 |
| 32757 | GLOBAL | Cartesian | 42.29162 | 3.65 | 8.81861 | No | 42.29162 | 3.65 | 8.81861 |
| 32758 | GLOBAL | Cartesian | 42.29162 | 3.65 | 8.64078 | No | 42.29162 | 3.65 | 8.64078 |
| 32759 | GLOBAL | Cartesian | 42.29162 | 3.65 | 8.46294 | No | 42.29162 | 3.65 | 8.46294 |
| 32760 | GLOBAL | Cartesian | 42.29162 | 3.65 | 8.2851 | No | 42.29162 | 3.65 | 8.2851 |
| 32761 | GLOBAL | Cartesian | 42.29162 | 3.65 | 8.10726 | No | 42.29162 | 3.65 | 8.10726 |
| 32762 | GLOBAL | Cartesian | 42.46022 | 3.65 | 8.81271 | No | 42.46022 | 3.65 | 8.81271 |
| 32763 | GLOBAL | Cartesian | 42.46022 | 3.65 | 8.63479 | No | 42.46022 | 3.65 | 8.63479 |
| 32764 | GLOBAL | Cartesian | 42.46022 | 3.65 | 8.45687 | No | 42.46022 | 3.65 | 8.45687 |
| 32765 | GLOBAL | Cartesian | 42.46022 | 3.65 | 8.27896 | No | 42.46022 | 3.65 | 8.27896 |
| 32766 | GLOBAL | Cartesian | 42.46022 | 3.65 | 8.10104 | No | 42.46022 | 3.65 | 8.10104 |
| 32767 | GLOBAL | Cartesian | 42.62882 | 3.65 | 8.8068 | No | 42.62882 | 3.65 | 8.8068 |
| 32768 | GLOBAL | Cartesian | 42.62882 | 3.65 | 8.62881 | No | 42.62882 | 3.65 | 8.62881 |
| 32769 | GLOBAL | Cartesian | 42.62882 | 3.65 | 8.45081 | No | 42.62882 | 3.65 | 8.45081 |
| 32770 | GLOBAL | Cartesian | 42.62882 | 3.65 | 8.27282 | No | 42.62882 | 3.65 | 8.27282 |
| 32771 | GLOBAL | Cartesian | 42.62882 | 3.65 | 8.09482 | No | 42.62882 | 3.65 | 8.09482 |
| 32772 | GLOBAL | Cartesian | 42.79742 | 3.65 | 8.80089 | No | 42.79742 | 3.65 | 8.80089 |
| 32773 | GLOBAL | Cartesian | 42.79742 | 3.65 | 8.62282 | No | 42.79742 | 3.65 | 8.62282 |
| 32774 | GLOBAL | Cartesian | 42.79742 | 3.65 | 8.44475 | No | 42.79742 | 3.65 | 8.44475 |
| 32775 | GLOBAL | Cartesian | 42.79742 | 3.65 | 8.26668 | No | 42.79742 | 3.65 | 8.26668 |
| 32776 | GLOBAL | Cartesian | 42.79742 | 3.65 | 8.08861 | No | 42.79742 | 3.65 | 8.08861 |
| 32777 | GLOBAL | Cartesian | 42.96602 | 3.65 | 8.61684 | No | 42.96602 | 3.65 | 8.61684 |
| 32778 | GLOBAL | Cartesian | 42.96602 | 3.65 | 8.43869 | No | 42.96602 | 3.65 | 8.43869 |
| 32779 | GLOBAL | Cartesian | 42.96602 | 3.65 | 8.26054 | No | 42.96602 | 3.65 | 8.26054 |
| 32780 | GLOBAL | Cartesian | 43.16118 | 3.65 | 8.78776 | No | 43.16118 | 3.65 | 8.78776 |
| 32781 | GLOBAL | Cartesian | 43.16118 | 3.65 | 8.60962 | No | 43.16118 | 3.65 | 8.60962 |
| 32782 | GLOBAL | Cartesian | 43.16118 | 3.65 | 8.43148 | No | 43.16118 | 3.65 | 8.43148 |
| 32783 | GLOBAL | Cartesian | 43.16118 | 3.65 | 8.25333 | No | 43.16118 | 3.65 | 8.25333 |
| 32784 | GLOBAL | Cartesian | 43.16118 | 3.65 | 8.07519 | No | 43.16118 | 3.65 | 8.07519 |
| 32785 | GLOBAL | Cartesian | 43.35634 | 3.65 | 8.78054 | No | 43.35634 | 3.65 | 8.78054 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32786 | GLOBAL | Cartesian | 43.35634 | 3.65 | 8.60241 | No | 43.35634 | 3.65 | 8.60241 |
| 32787 | GLOBAL | Cartesian | 43.35634 | 3.65 | 8.42427 | No | 43.35634 | 3.65 | 8.42427 |
| 32788 | GLOBAL | Cartesian | 43.35634 | 3.65 | 8.24613 | No | 43.35634 | 3.65 | 8.24613 |
| 32789 | GLOBAL | Cartesian | 43.35634 | 3.65 | 8.06799 | No | 43.35634 | 3.65 | 8.06799 |
| 32790 | GLOBAL | Cartesian | 43.5515 | 3.65 | 8.77332 | No | 43.5515 | 3.65 | 8.77332 |
| 32791 | GLOBAL | Cartesian | 43.5515 | 3.65 | 8.59519 | No | 43.5515 | 3.65 | 8.59519 |
| 32792 | GLOBAL | Cartesian | 43.5515 | 3.65 | 8.41706 | No | 43.5515 | 3.65 | 8.41706 |
| 32793 | GLOBAL | Cartesian | 43.5515 | 3.65 | 8.23892 | No | 43.5515 | 3.65 | 8.23892 |
| 32794 | GLOBAL | Cartesian | 43.5515 | 3.65 | 8.06079 | No | 43.5515 | 3.65 | 8.06079 |
| 32795 | GLOBAL | Cartesian | 43.74667 | 3.65 | 8.7661 | No | 43.74667 | 3.65 | 8.7661 |
| 32796 | GLOBAL | Cartesian | 43.74667 | 3.65 | 8.58797 | No | 43.74667 | 3.65 | 8.58797 |
| 32797 | GLOBAL | Cartesian | 43.74667 | 3.65 | 8.40985 | No | 43.74667 | 3.65 | 8.40985 |
| 32798 | GLOBAL | Cartesian | 43.74667 | 3.65 | 8.23172 | No | 43.74667 | 3.65 | 8.23172 |
| 32799 | GLOBAL | Cartesian | 43.74667 | 3.65 | 8.05359 | No | 43.74667 | 3.65 | 8.05359 |
| 32800 | GLOBAL | Cartesian | 43.94183 | 3.65 | 8.75888 | No | 43.94183 | 3.65 | 8.75888 |
| 32801 | GLOBAL | Cartesian | 43.94183 | 3.65 | 8.58076 | No | 43.94183 | 3.65 | 8.58076 |
| 32802 | GLOBAL | Cartesian | 43.94183 | 3.65 | 8.40264 | No | 43.94183 | 3.65 | 8.40264 |
| 32803 | GLOBAL | Cartesian | 43.94183 | 3.65 | 8.22452 | No | 43.94183 | 3.65 | 8.22452 |
| 32804 | GLOBAL | Cartesian | 43.94183 | 3.65 | 8.04639 | No | 43.94183 | 3.65 | 8.04639 |
| 32805 | GLOBAL | Cartesian | 44.13699 | 3.65 | 8.75166 | No | 44.13699 | 3.65 | 8.75166 |
| 32806 | GLOBAL | Cartesian | 44.13699 | 3.65 | 8.57354 | No | 44.13699 | 3.65 | 8.57354 |
| 32807 | GLOBAL | Cartesian | 44.13699 | 3.65 | 8.39543 | No | 44.13699 | 3.65 | 8.39543 |
| 32808 | GLOBAL | Cartesian | 44.13699 | 3.65 | 8.21731 | No | 44.13699 | 3.65 | 8.21731 |
| 32809 | GLOBAL | Cartesian | 44.13699 | 3.65 | 8.0392 | No | 44.13699 | 3.65 | 8.0392 |
| 32810 | GLOBAL | Cartesian | 44.33215 | 3.65 | 8.74444 | No | 44.33215 | 3.65 | 8.74444 |
| 32811 | GLOBAL | Cartesian | 44.33215 | 3.65 | 8.56633 | No | 44.33215 | 3.65 | 8.56633 |
| 32812 | GLOBAL | Cartesian | 44.33215 | 3.65 | 8.38822 | No | 44.33215 | 3.65 | 8.38822 |
| 32813 | GLOBAL | Cartesian | 44.33215 | 3.65 | 8.21011 | No | 44.33215 | 3.65 | 8.21011 |
| 32814 | GLOBAL | Cartesian | 44.33215 | 3.65 | 8.032 | No | 44.33215 | 3.65 | 8.032 |
| 32815 | GLOBAL | Cartesian | 44.52732 | 3.65 | 8.73722 | No | 44.52732 | 3.65 | 8.73722 |
| 32816 | GLOBAL | Cartesian | 44.52732 | 3.65 | 8.55911 | No | 44.52732 | 3.65 | 8.55911 |
| 32817 | GLOBAL | Cartesian | 44.52732 | 3.65 | 8.38101 | No | 44.52732 | 3.65 | 8.38101 |
| 32818 | GLOBAL | Cartesian | 44.52732 | 3.65 | 8.2029 | No | 44.52732 | 3.65 | 8.2029 |
| 32819 | GLOBAL | Cartesian | 44.52732 | 3.65 | 8.0248 | No | 44.52732 | 3.65 | 8.0248 |
| 32820 | GLOBAL | Cartesian | 45.30927 | 3.65 | 8.70401 | No | 45.30927 | 3.65 | 8.70401 |
| 32821 | GLOBAL | Cartesian | 45.30927 | 3.65 | 8.52613 | No | 45.30927 | 3.65 | 8.52613 |
| 32822 | GLOBAL | Cartesian | 45.30927 | 3.65 | 8.34825 | No | 45.30927 | 3.65 | 8.34825 |
| 32823 | GLOBAL | Cartesian | 45.30927 | 3.65 | 8.17036 | No | 45.30927 | 3.65 | 8.17036 |
| 32824 | GLOBAL | Cartesian | 45.30927 | 3.65 | 7.99248 | No | 45.30927 | 3.65 | 7.99248 |
| 32825 | GLOBAL | Cartesian | 45.49586 | 3.65 | 8.69575 | No | 45.49586 | 3.65 | 8.69575 |
| 32826 | GLOBAL | Cartesian | 45.49586 | 3.65 | 8.51779 | No | 45.49586 | 3.65 | 8.51779 |
| 32827 | GLOBAL | Cartesian | 45.49586 | 3.65 | 8.33982 | No | 45.49586 | 3.65 | 8.33982 |
| 32828 | GLOBAL | Cartesian | 45.49586 | 3.65 | 8.16186 | No | 45.49586 | 3.65 | 8.16186 |
| 32829 | GLOBAL | Cartesian | 45.49586 | 3.65 | 7.98389 | No | 45.49586 | 3.65 | 7.98389 |
| 32830 | GLOBAL | Cartesian | 45.68246 | 3.65 | 8.68749 | No | 45.68246 | 3.65 | 8.68749 |
| 32831 | GLOBAL | Cartesian | 45.68246 | 3.65 | 8.50944 | No | 45.68246 | 3.65 | 8.50944 |
| 32832 | GLOBAL | Cartesian | 45.68246 | 3.65 | 8.3314 | No | 45.68246 | 3.65 | 8.3314 |
| 32833 | GLOBAL | Cartesian | 45.68246 | 3.65 | 8.15335 | No | 45.68246 | 3.65 | 8.15335 |
| 32834 | GLOBAL | Cartesian | 45.68246 | 3.65 | 7.9753 | No | 45.68246 | 3.65 | 7.9753 |
| 32835 | GLOBAL | Cartesian | 45.86905 | 3.65 | 8.67923 | No | 45.86905 | 3.65 | 8.67923 |
| 32836 | GLOBAL | Cartesian | 45.86905 | 3.65 | 8.5011 | No | 45.86905 | 3.65 | 8.5011 |
| 32837 | GLOBAL | Cartesian | 45.86905 | 3.65 | 8.32297 | No | 45.86905 | 3.65 | 8.32297 |
| 32838 | GLOBAL | Cartesian | 45.86905 | 3.65 | 8.14484 | No | 45.86905 | 3.65 | 8.14484 |
| 32839 | GLOBAL | Cartesian | 45.86905 | 3.65 | 7.96671 | No | 45.86905 | 3.65 | 7.96671 |
| 32840 | GLOBAL | Cartesian | 46.05564 | 3.65 | 8.49276 | No | 46.05564 | 3.65 | 8.49276 |
| 32841 | GLOBAL | Cartesian | 46.05564 | 3.65 | 8.31454 | No | 46.05564 | 3.65 | 8.31454 |
| 32842 | GLOBAL | Cartesian | 46.05564 | 3.65 | 8.13633 | No | 46.05564 | 3.65 | 8.13633 |
| 32843 | GLOBAL | Cartesian | 46.24085 | 3.65 | 8.66255 | No | 46.24085 | 3.65 | 8.66255 |
| 32844 | GLOBAL | Cartesian | 46.24085 | 3.65 | 8.48431 | No | 46.24085 | 3.65 | 8.48431 |
| 32845 | GLOBAL | Cartesian | 46.24085 | 3.65 | 8.30607 | No | 46.24085 | 3.65 | 8.30607 |
| 32846 | GLOBAL | Cartesian | 46.24085 | 3.65 | 8.12784 | No | 46.24085 | 3.65 | 8.12784 |
| 32847 | GLOBAL | Cartesian | 46.24085 | 3.65 | 7.9496 | No | 46.24085 | 3.65 | 7.9496 |
| 32848 | GLOBAL | Cartesian | 46.42605 | 3.65 | 8.65413 | No | 46.42605 | 3.65 | 8.65413 |
| 32849 | GLOBAL | Cartesian | 46.42605 | 3.65 | 8.47586 | No | 46.42605 | 3.65 | 8.47586 |
| 32850 | GLOBAL | Cartesian | 46.42605 | 3.65 | 8.2976 | No | 46.42605 | 3.65 | 8.2976 |
| 32851 | GLOBAL | Cartesian | 46.42605 | 3.65 | 8.11934 | No | 46.42605 | 3.65 | 8.11934 |
| 32852 | GLOBAL | Cartesian | 46.42605 | 3.65 | 7.94107 | No | 46.42605 | 3.65 | 7.94107 |
| 32853 | GLOBAL | Cartesian | 46.61125 | 3.65 | 8.64571 | No | 46.61125 | 3.65 | 8.64571 |
| 32854 | GLOBAL | Cartesian | 46.61125 | 3.65 | 8.46742 | No | 46.61125 | 3.65 | 8.46742 |
| 32855 | GLOBAL | Cartesian | 46.61125 | 3.65 | 8.28913 | No | 46.61125 | 3.65 | 8.28913 |
| 32856 | GLOBAL | Cartesian | 46.61125 | 3.65 | 8.11084 | No | 46.61125 | 3.65 | 8.11084 |
| 32857 | GLOBAL | Cartesian | 46.61125 | 3.65 | 7.93255 | No | 46.61125 | 3.65 | 7.93255 |
| 32858 | GLOBAL | Cartesian | 46.79646 | 3.65 | 8.63729 | No | 46.79646 | 3.65 | 8.63729 |
| 32859 | GLOBAL | Cartesian | 46.79646 | 3.65 | 8.45897 | No | 46.79646 | 3.65 | 8.45897 |
| 32860 | GLOBAL | Cartesian | 46.79646 | 3.65 | 8.28066 | No | 46.79646 | 3.65 | 8.28066 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32861 | GLOBAL | Cartesian | 46.79646 | 3.65 | 8.10234 | No | 46.79646 | 3.65 | 8.10234 |
| 32862 | GLOBAL | Cartesian | 46.79646 | 3.65 | 7.92402 | No | 46.79646 | 3.65 | 7.92402 |
| 32863 | GLOBAL | Cartesian | 46.98166 | 3.65 | 8.62887 | No | 46.98166 | 3.65 | 8.62887 |
| 32864 | GLOBAL | Cartesian | 46.98166 | 3.65 | 8.45053 | No | 46.98166 | 3.65 | 8.45053 |
| 32865 | GLOBAL | Cartesian | 46.98166 | 3.65 | 8.27218 | No | 46.98166 | 3.65 | 8.27218 |
| 32866 | GLOBAL | Cartesian | 46.98166 | 3.65 | 8.09384 | No | 46.98166 | 3.65 | 8.09384 |
| 32867 | GLOBAL | Cartesian | 46.98166 | 3.65 | 7.9155 | No | 46.98166 | 3.65 | 7.9155 |
| 32868 | GLOBAL | Cartesian | 47.16687 | 3.65 | 8.62045 | No | 47.16687 | 3.65 | 8.62045 |
| 32869 | GLOBAL | Cartesian | 47.16687 | 3.65 | 8.44208 | No | 47.16687 | 3.65 | 8.44208 |
| 32870 | GLOBAL | Cartesian | 47.16687 | 3.65 | 8.26371 | No | 47.16687 | 3.65 | 8.26371 |
| 32871 | GLOBAL | Cartesian | 47.16687 | 3.65 | 8.08534 | No | 47.16687 | 3.65 | 8.08534 |
| 32872 | GLOBAL | Cartesian | 47.16687 | 3.65 | 7.90697 | No | 47.16687 | 3.65 | 7.90697 |
| 32873 | GLOBAL | Cartesian | 47.35207 | 3.65 | 8.61204 | No | 47.35207 | 3.65 | 8.61204 |
| 32874 | GLOBAL | Cartesian | 47.35207 | 3.65 | 8.43364 | No | 47.35207 | 3.65 | 8.43364 |
| 32875 | GLOBAL | Cartesian | 47.35207 | 3.65 | 8.25524 | No | 47.35207 | 3.65 | 8.25524 |
| 32876 | GLOBAL | Cartesian | 47.35207 | 3.65 | 8.07684 | No | 47.35207 | 3.65 | 8.07684 |
| 32877 | GLOBAL | Cartesian | 47.35207 | 3.65 | 7.89845 | No | 47.35207 | 3.65 | 7.89845 |
| 32878 | GLOBAL | Cartesian | 47.53727 | 3.65 | 8.60362 | No | 47.53727 | 3.65 | 8.60362 |
| 32879 | GLOBAL | Cartesian | 47.53727 | 3.65 | 8.42519 | No | 47.53727 | 3.65 | 8.42519 |
| 32880 | GLOBAL | Cartesian | 47.53727 | 3.65 | 8.24677 | No | 47.53727 | 3.65 | 8.24677 |
| 32881 | GLOBAL | Cartesian | 47.53727 | 3.65 | 8.06834 | No | 47.53727 | 3.65 | 8.06834 |
| 32882 | GLOBAL | Cartesian | 47.53727 | 3.65 | 7.88992 | No | 47.53727 | 3.65 | 7.88992 |
| 32883 | GLOBAL | Cartesian | 33.27015 | 3.65 | 9.12235 | No | 33.27015 | 3.65 | 9.12235 |
| 32884 | GLOBAL | Cartesian | 33.41875 | 3.65 | 9.11597 | No | 33.41875 | 3.65 | 9.11597 |
| 32885 | GLOBAL | Cartesian | 33.56736 | 3.65 | 9.1096 | No | 33.56736 | 3.65 | 9.1096 |
| 32886 | GLOBAL | Cartesian | 33.71596 | 3.65 | 9.10322 | No | 33.71596 | 3.65 | 9.10322 |
| 32887 | GLOBAL | Cartesian | 33.86456 | 3.65 | 9.09684 | No | 33.86456 | 3.65 | 9.09684 |
| 32888 | GLOBAL | Cartesian | 33.41763 | 3.65 | 9.24549 | No | 33.41763 | 3.65 | 9.24549 |
| 32889 | GLOBAL | Cartesian | 33.56033 | 3.65 | 9.2342 | No | 33.56033 | 3.65 | 9.2342 |
| 32890 | GLOBAL | Cartesian | 33.70303 | 3.65 | 9.22291 | No | 33.70303 | 3.65 | 9.22291 |
| 32891 | GLOBAL | Cartesian | 33.84573 | 3.65 | 9.21162 | No | 33.84573 | 3.65 | 9.21162 |
| 32892 | GLOBAL | Cartesian | 33.98843 | 3.65 | 9.20032 | No | 33.98843 | 3.65 | 9.20032 |
| 32893 | GLOBAL | Cartesian | 33.5651 | 3.65 | 9.36863 | No | 33.5651 | 3.65 | 9.36863 |
| 32894 | GLOBAL | Cartesian | 33.7019 | 3.65 | 9.35242 | No | 33.7019 | 3.65 | 9.35242 |
| 32895 | GLOBAL | Cartesian | 33.8387 | 3.65 | 9.33622 | No | 33.8387 | 3.65 | 9.33622 |
| 32896 | GLOBAL | Cartesian | 33.97551 | 3.65 | 9.32001 | No | 33.97551 | 3.65 | 9.32001 |
| 32897 | GLOBAL | Cartesian | 34.11231 | 3.65 | 9.30381 | No | 34.11231 | 3.65 | 9.30381 |
| 32898 | GLOBAL | Cartesian | 33.71258 | 3.65 | 9.49177 | No | 33.71258 | 3.65 | 9.49177 |
| 32899 | GLOBAL | Cartesian | 33.84348 | 3.65 | 9.47065 | No | 33.84348 | 3.65 | 9.47065 |
| 32900 | GLOBAL | Cartesian | 33.97438 | 3.65 | 9.44953 | No | 33.97438 | 3.65 | 9.44953 |
| 32901 | GLOBAL | Cartesian | 34.10528 | 3.65 | 9.42841 | No | 34.10528 | 3.65 | 9.42841 |
| 32902 | GLOBAL | Cartesian | 34.23618 | 3.65 | 9.40729 | No | 34.23618 | 3.65 | 9.40729 |
| 32903 | GLOBAL | Cartesian | 33.86005 | 3.65 | 9.61491 | No | 33.86005 | 3.65 | 9.61491 |
| 32904 | GLOBAL | Cartesian | 33.98505 | 3.65 | 9.58888 | No | 33.98505 | 3.65 | 9.58888 |
| 32905 | GLOBAL | Cartesian | 34.11005 | 3.65 | 9.56284 | No | 34.11005 | 3.65 | 9.56284 |
| 32906 | GLOBAL | Cartesian | 34.23506 | 3.65 | 9.53681 | No | 34.23506 | 3.65 | 9.53681 |
| 32907 | GLOBAL | Cartesian | 34.36006 | 3.65 | 9.51077 | No | 34.36006 | 3.65 | 9.51077 |
| 32908 | GLOBAL | Cartesian | 34.00752 | 3.65 | 9.73805 | No | 34.00752 | 3.65 | 9.73805 |
| 32909 | GLOBAL | Cartesian | 34.12663 | 3.65 | 9.7071 | No | 34.12663 | 3.65 | 9.7071 |
| 32910 | GLOBAL | Cartesian | 34.24573 | 3.65 | 9.67615 | No | 34.24573 | 3.65 | 9.67615 |
| 32911 | GLOBAL | Cartesian | 34.36483 | 3.65 | 9.64521 | No | 34.36483 | 3.65 | 9.64521 |
| 32912 | GLOBAL | Cartesian | 34.48393 | 3.65 | 9.61426 | No | 34.48393 | 3.65 | 9.61426 |
| 32913 | GLOBAL | Cartesian | 34.155 | 3.65 | 9.86119 | No | 34.155 | 3.65 | 9.86119 |
| 32914 | GLOBAL | Cartesian | 34.2682 | 3.65 | 9.82533 | No | 34.2682 | 3.65 | 9.82533 |
| 32915 | GLOBAL | Cartesian | 34.3814 | 3.65 | 9.78947 | No | 34.3814 | 3.65 | 9.78947 |
| 32916 | GLOBAL | Cartesian | 34.4946 | 3.65 | 9.7536 | No | 34.4946 | 3.65 | 9.7536 |
| 32917 | GLOBAL | Cartesian | 34.60781 | 3.65 | 9.71774 | No | 34.60781 | 3.65 | 9.71774 |
| 32918 | GLOBAL | Cartesian | 34.30247 | 3.65 | 9.98433 | No | 34.30247 | 3.65 | 9.98433 |
| 32919 | GLOBAL | Cartesian | 34.40977 | 3.65 | 9.94355 | No | 34.40977 | 3.65 | 9.94355 |
| 32920 | GLOBAL | Cartesian | 34.51708 | 3.65 | 9.90278 | No | 34.51708 | 3.65 | 9.90278 |
| 32921 | GLOBAL | Cartesian | 34.62438 | 3.65 | 9.862 | No | 34.62438 | 3.65 | 9.862 |
| 32922 | GLOBAL | Cartesian | 34.73168 | 3.65 | 9.82123 | No | 34.73168 | 3.65 | 9.82123 |
| 32923 | GLOBAL | Cartesian | 34.44995 | 3.65 | 10.10747 | No | 34.44995 | 3.65 | 10.10747 |
| 32924 | GLOBAL | Cartesian | 34.55135 | 3.65 | 10.06178 | No | 34.55135 | 3.65 | 10.06178 |
| 32925 | GLOBAL | Cartesian | 34.65275 | 3.65 | 10.01609 | No | 34.65275 | 3.65 | 10.01609 |
| 32926 | GLOBAL | Cartesian | 34.75415 | 3.65 | 9.9704 | No | 34.75415 | 3.65 | 9.9704 |
| 32927 | GLOBAL | Cartesian | 34.85556 | 3.65 | 9.92471 | No | 34.85556 | 3.65 | 9.92471 |
| 32928 | GLOBAL | Cartesian | 34.59742 | 3.65 | 10.23061 | No | 34.59742 | 3.65 | 10.23061 |
| 32929 | GLOBAL | Cartesian | 34.69292 | 3.65 | 10.18 | No | 34.69292 | 3.65 | 10.18 |
| 32930 | GLOBAL | Cartesian | 34.78843 | 3.65 | 10.1294 | No | 34.78843 | 3.65 | 10.1294 |
| 32931 | GLOBAL | Cartesian | 34.88393 | 3.65 | 10.0788 | No | 34.88393 | 3.65 | 10.0788 |
| 32932 | GLOBAL | Cartesian | 34.97943 | 3.65 | 10.02819 | No | 34.97943 | 3.65 | 10.02819 |
| 32933 | GLOBAL | Cartesian | 34.74489 | 3.65 | 10.35375 | No | 34.74489 | 3.65 | 10.35375 |
| 32934 | GLOBAL | Cartesian | 34.8345 | 3.65 | 10.29823 | No | 34.8345 | 3.65 | 10.29823 |
| 32935 | GLOBAL | Cartesian | 34.9241 | 3.65 | 10.24271 | No | 34.9241 | 3.65 | 10.24271 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 32936 | GLOBAL | Cartesian | 35.0137 | 3.65 | 10.18719 | No | 35.0137 | 3.65 | 10.18719 |
| 32937 | GLOBAL | Cartesian | 35.10331 | 3.65 | 10.13168 | No | 35.10331 | 3.65 | 10.13168 |
| 32938 | GLOBAL | Cartesian | 34.89237 | 3.65 | 10.47689 | No | 34.89237 | 3.65 | 10.47689 |
| 32939 | GLOBAL | Cartesian | 34.97607 | 3.65 | 10.41645 | No | 34.97607 | 3.65 | 10.41645 |
| 32940 | GLOBAL | Cartesian | 35.05977 | 3.65 | 10.35602 | No | 35.05977 | 3.65 | 10.35602 |
| 32941 | GLOBAL | Cartesian | 35.14348 | 3.65 | 10.29559 | No | 35.14348 | 3.65 | 10.29559 |
| 32942 | GLOBAL | Cartesian | 35.22718 | 3.65 | 10.23516 | No | 35.22718 | 3.65 | 10.23516 |
| 32943 | GLOBAL | Cartesian | 35.03984 | 3.65 | 10.60003 | No | 35.03984 | 3.65 | 10.60003 |
| 32944 | GLOBAL | Cartesian | 35.11764 | 3.65 | 10.53468 | No | 35.11764 | 3.65 | 10.53468 |
| 32945 | GLOBAL | Cartesian | 35.19545 | 3.65 | 10.46933 | No | 35.19545 | 3.65 | 10.46933 |
| 32946 | GLOBAL | Cartesian | 35.27325 | 3.65 | 10.40399 | No | 35.27325 | 3.65 | 10.40399 |
| 32947 | GLOBAL | Cartesian | 35.35105 | 3.65 | 10.33864 | No | 35.35105 | 3.65 | 10.33864 |
| 32948 | GLOBAL | Cartesian | 35.18732 | 3.65 | 10.72317 | No | 35.18732 | 3.65 | 10.72317 |
| 32949 | GLOBAL | Cartesian | 35.25922 | 3.65 | 10.65291 | No | 35.25922 | 3.65 | 10.65291 |
| 32950 | GLOBAL | Cartesian | 35.33112 | 3.65 | 10.58265 | No | 35.33112 | 3.65 | 10.58265 |
| 32951 | GLOBAL | Cartesian | 35.40303 | 3.65 | 10.51239 | No | 35.40303 | 3.65 | 10.51239 |
| 32952 | GLOBAL | Cartesian | 35.47493 | 3.65 | 10.44213 | No | 35.47493 | 3.65 | 10.44213 |
| 32953 | GLOBAL | Cartesian | 35.33479 | 3.65 | 10.8463 | No | 35.33479 | 3.65 | 10.8463 |
| 32954 | GLOBAL | Cartesian | 35.40079 | 3.65 | 10.77113 | No | 35.40079 | 3.65 | 10.77113 |
| 32955 | GLOBAL | Cartesian | 35.4668 | 3.65 | 10.69596 | No | 35.4668 | 3.65 | 10.69596 |
| 32956 | GLOBAL | Cartesian | 35.5328 | 3.65 | 10.62078 | No | 35.5328 | 3.65 | 10.62078 |
| 32957 | GLOBAL | Cartesian | 35.5988 | 3.65 | 10.54561 | No | 35.5988 | 3.65 | 10.54561 |
| 32958 | GLOBAL | Cartesian | 35.54237 | 3.65 | 10.88936 | No | 35.54237 | 3.65 | 10.88936 |
| 32959 | GLOBAL | Cartesian | 35.60247 | 3.65 | 10.80927 | No | 35.60247 | 3.65 | 10.80927 |
| 32960 | GLOBAL | Cartesian | 35.66258 | 3.65 | 10.72918 | No | 35.66258 | 3.65 | 10.72918 |
| 32961 | GLOBAL | Cartesian | 35.60247 | 3.65 | 10.95759 | No | 35.60247 | 3.65 | 10.95759 |
| 32962 | GLOBAL | Cartesian | 35.64254 | 3.65 | 10.85476 | No | 35.64254 | 3.65 | 10.85476 |
| 32963 | GLOBAL | Cartesian | 35.68261 | 3.65 | 10.75193 | No | 35.68261 | 3.65 | 10.75193 |
| 32964 | GLOBAL | Cartesian | 35.72268 | 3.65 | 10.84686 | No | 35.72268 | 3.65 | 10.84686 |
| 32965 | GLOBAL | Cartesian | 36.27776 | 3.65 | 9.08089 | No | 36.27776 | 3.65 | 9.08089 |
| 32966 | GLOBAL | Cartesian | 36.44286 | 3.65 | 9.07332 | No | 36.44286 | 3.65 | 9.07332 |
| 32967 | GLOBAL | Cartesian | 36.60797 | 3.65 | 9.06575 | No | 36.60797 | 3.65 | 9.06575 |
| 32968 | GLOBAL | Cartesian | 36.77308 | 3.65 | 9.05818 | No | 36.77308 | 3.65 | 9.05818 |
| 32969 | GLOBAL | Cartesian | 36.93819 | 3.65 | 9.0506 | No | 36.93819 | 3.65 | 9.0506 |
| 32970 | GLOBAL | Cartesian | 36.43284 | 3.65 | 9.1949 | No | 36.43284 | 3.65 | 9.1949 |
| 32971 | GLOBAL | Cartesian | 36.59104 | 3.65 | 9.1826 | No | 36.59104 | 3.65 | 9.1826 |
| 32972 | GLOBAL | Cartesian | 36.74924 | 3.65 | 9.17031 | No | 36.74924 | 3.65 | 9.17031 |
| 32973 | GLOBAL | Cartesian | 36.90745 | 3.65 | 9.15801 | No | 36.90745 | 3.65 | 9.15801 |
| 32974 | GLOBAL | Cartesian | 37.06565 | 3.65 | 9.14572 | No | 37.06565 | 3.65 | 9.14572 |
| 32975 | GLOBAL | Cartesian | 36.58792 | 3.65 | 9.30891 | No | 36.58792 | 3.65 | 9.30891 |
| 32976 | GLOBAL | Cartesian | 36.73922 | 3.65 | 9.29189 | No | 36.73922 | 3.65 | 9.29189 |
| 32977 | GLOBAL | Cartesian | 36.89051 | 3.65 | 9.27487 | No | 36.89051 | 3.65 | 9.27487 |
| 32978 | GLOBAL | Cartesian | 37.04181 | 3.65 | 9.25785 | No | 37.04181 | 3.65 | 9.25785 |
| 32979 | GLOBAL | Cartesian | 37.19311 | 3.65 | 9.24083 | No | 37.19311 | 3.65 | 9.24083 |
| 32980 | GLOBAL | Cartesian | 36.743 | 3.65 | 9.42291 | No | 36.743 | 3.65 | 9.42291 |
| 32981 | GLOBAL | Cartesian | 36.88739 | 3.65 | 9.40117 | No | 36.88739 | 3.65 | 9.40117 |
| 32982 | GLOBAL | Cartesian | 37.03179 | 3.65 | 9.37943 | No | 37.03179 | 3.65 | 9.37943 |
| 32983 | GLOBAL | Cartesian | 37.17618 | 3.65 | 9.35769 | No | 37.17618 | 3.65 | 9.35769 |
| 32984 | GLOBAL | Cartesian | 37.32058 | 3.65 | 9.33595 | No | 37.32058 | 3.65 | 9.33595 |
| 32985 | GLOBAL | Cartesian | 36.89808 | 3.65 | 9.53692 | No | 36.89808 | 3.65 | 9.53692 |
| 32986 | GLOBAL | Cartesian | 37.03557 | 3.65 | 9.51046 | No | 37.03557 | 3.65 | 9.51046 |
| 32987 | GLOBAL | Cartesian | 37.17306 | 3.65 | 9.48399 | No | 37.17306 | 3.65 | 9.48399 |
| 32988 | GLOBAL | Cartesian | 37.31055 | 3.65 | 9.45753 | No | 37.31055 | 3.65 | 9.45753 |
| 32989 | GLOBAL | Cartesian | 37.44804 | 3.65 | 9.43106 | No | 37.44804 | 3.65 | 9.43106 |
| 32990 | GLOBAL | Cartesian | 37.05315 | 3.65 | 9.65093 | No | 37.05315 | 3.65 | 9.65093 |
| 32991 | GLOBAL | Cartesian | 37.18374 | 3.65 | 9.61974 | No | 37.18374 | 3.65 | 9.61974 |
| 32992 | GLOBAL | Cartesian | 37.31433 | 3.65 | 9.58855 | No | 37.31433 | 3.65 | 9.58855 |
| 32993 | GLOBAL | Cartesian | 37.44492 | 3.65 | 9.55737 | No | 37.44492 | 3.65 | 9.55737 |
| 32994 | GLOBAL | Cartesian | 37.5755 | 3.65 | 9.52618 | No | 37.5755 | 3.65 | 9.52618 |
| 32995 | GLOBAL | Cartesian | 37.20823 | 3.65 | 9.76493 | No | 37.20823 | 3.65 | 9.76493 |
| 32996 | GLOBAL | Cartesian | 37.33192 | 3.65 | 9.72902 | No | 37.33192 | 3.65 | 9.72902 |
| 32997 | GLOBAL | Cartesian | 37.4556 | 3.65 | 9.69311 | No | 37.4556 | 3.65 | 9.69311 |
| 32998 | GLOBAL | Cartesian | 37.57928 | 3.65 | 9.65721 | No | 37.57928 | 3.65 | 9.65721 |
| 32999 | GLOBAL | Cartesian | 37.70297 | 3.65 | 9.6213 | No | 37.70297 | 3.65 | 9.6213 |
| 33000 | GLOBAL | Cartesian | 37.36331 | 3.65 | 9.87894 | No | 37.36331 | 3.65 | 9.87894 |
| 33001 | GLOBAL | Cartesian | 37.48009 | 3.65 | 9.83831 | No | 37.48009 | 3.65 | 9.83831 |
| 33002 | GLOBAL | Cartesian | 37.59687 | 3.65 | 9.79768 | No | 37.59687 | 3.65 | 9.79768 |
| 33003 | GLOBAL | Cartesian | 37.71365 | 3.65 | 9.75704 | No | 37.71365 | 3.65 | 9.75704 |
| 33004 | GLOBAL | Cartesian | 37.83043 | 3.65 | 9.71641 | No | 37.83043 | 3.65 | 9.71641 |
| 33005 | GLOBAL | Cartesian | 37.51839 | 3.65 | 9.99295 | No | 37.51839 | 3.65 | 9.99295 |
| 33006 | GLOBAL | Cartesian | 37.62827 | 3.65 | 9.94759 | No | 37.62827 | 3.65 | 9.94759 |
| 33007 | GLOBAL | Cartesian | 37.73814 | 3.65 | 9.90224 | No | 37.73814 | 3.65 | 9.90224 |
| 33008 | GLOBAL | Cartesian | 37.84802 | 3.65 | 9.85688 | No | 37.84802 | 3.65 | 9.85688 |
| 33009 | GLOBAL | Cartesian | 37.9579 | 3.65 | 9.81153 | No | 37.9579 | 3.65 | 9.81153 |
| 33010 | GLOBAL | Cartesian | 37.67347 | 3.65 | 10.10695 | No | 37.67347 | 3.65 | 10.10695 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33011 | GLOBAL | Cartesian | 37.77644 | 3.65 | 10.05688 | No | 37.77644 | 3.65 | 10.05688 |
| 33012 | GLOBAL | Cartesian | 37.87942 | 3.65 | 10.0068 | No | 37.87942 | 3.65 | 10.0068 |
| 33013 | GLOBAL | Cartesian | 37.98239 | 3.65 | 9.95672 | No | 37.98239 | 3.65 | 9.95672 |
| 33014 | GLOBAL | Cartesian | 38.08536 | 3.65 | 9.90664 | No | 38.08536 | 3.65 | 9.90664 |
| 33015 | GLOBAL | Cartesian | 37.82855 | 3.65 | 10.22096 | No | 37.82855 | 3.65 | 10.22096 |
| 33016 | GLOBAL | Cartesian | 37.92462 | 3.65 | 10.16616 | No | 37.92462 | 3.65 | 10.16616 |
| 33017 | GLOBAL | Cartesian | 38.02069 | 3.65 | 10.11136 | No | 38.02069 | 3.65 | 10.11136 |
| 33018 | GLOBAL | Cartesian | 38.11676 | 3.65 | 10.05656 | No | 38.11676 | 3.65 | 10.05656 |
| 33019 | GLOBAL | Cartesian | 38.21282 | 3.65 | 10.00176 | No | 38.21282 | 3.65 | 10.00176 |
| 33020 | GLOBAL | Cartesian | 37.98363 | 3.65 | 10.33497 | No | 37.98363 | 3.65 | 10.33497 |
| 33021 | GLOBAL | Cartesian | 38.07279 | 3.65 | 10.27544 | No | 38.07279 | 3.65 | 10.27544 |
| 33022 | GLOBAL | Cartesian | 38.16196 | 3.65 | 10.21592 | No | 38.16196 | 3.65 | 10.21592 |
| 33023 | GLOBAL | Cartesian | 38.25112 | 3.65 | 10.1564 | No | 38.25112 | 3.65 | 10.1564 |
| 33024 | GLOBAL | Cartesian | 38.34029 | 3.65 | 10.09687 | No | 38.34029 | 3.65 | 10.09687 |
| 33025 | GLOBAL | Cartesian | 38.13871 | 3.65 | 10.44898 | No | 38.13871 | 3.65 | 10.44898 |
| 33026 | GLOBAL | Cartesian | 38.22097 | 3.65 | 10.38473 | No | 38.22097 | 3.65 | 10.38473 |
| 33027 | GLOBAL | Cartesian | 38.30323 | 3.65 | 10.32048 | No | 38.30323 | 3.65 | 10.32048 |
| 33028 | GLOBAL | Cartesian | 38.38549 | 3.65 | 10.25623 | No | 38.38549 | 3.65 | 10.25623 |
| 33029 | GLOBAL | Cartesian | 38.46775 | 3.65 | 10.19199 | No | 38.46775 | 3.65 | 10.19199 |
| 33030 | GLOBAL | Cartesian | 38.29379 | 3.65 | 10.56298 | No | 38.29379 | 3.65 | 10.56298 |
| 33031 | GLOBAL | Cartesian | 38.36915 | 3.65 | 10.49401 | No | 38.36915 | 3.65 | 10.49401 |
| 33032 | GLOBAL | Cartesian | 38.4445 | 3.65 | 10.42504 | No | 38.4445 | 3.65 | 10.42504 |
| 33033 | GLOBAL | Cartesian | 38.51986 | 3.65 | 10.35607 | No | 38.51986 | 3.65 | 10.35607 |
| 33034 | GLOBAL | Cartesian | 38.59522 | 3.65 | 10.2871 | No | 38.59522 | 3.65 | 10.2871 |
| 33035 | GLOBAL | Cartesian | 38.51732 | 3.65 | 10.6033 | No | 38.51732 | 3.65 | 10.6033 |
| 33036 | GLOBAL | Cartesian | 38.58577 | 3.65 | 10.5296 | No | 38.58577 | 3.65 | 10.5296 |
| 33037 | GLOBAL | Cartesian | 38.65423 | 3.65 | 10.45591 | No | 38.65423 | 3.65 | 10.45591 |
| 33038 | GLOBAL | Cartesian | 39.28717 | 3.65 | 9.01476 | No | 39.28717 | 3.65 | 9.01476 |
| 33039 | GLOBAL | Cartesian | 39.47019 | 3.65 | 9.0053 | No | 39.47019 | 3.65 | 9.0053 |
| 33040 | GLOBAL | Cartesian | 39.65322 | 3.65 | 8.99585 | No | 39.65322 | 3.65 | 8.99585 |
| 33041 | GLOBAL | Cartesian | 39.83624 | 3.65 | 8.98639 | No | 39.83624 | 3.65 | 8.98639 |
| 33042 | GLOBAL | Cartesian | 40.01926 | 3.65 | 8.97693 | No | 40.01926 | 3.65 | 8.97693 |
| 33043 | GLOBAL | Cartesian | 39.45057 | 3.65 | 9.12016 | No | 39.45057 | 3.65 | 9.12016 |
| 33044 | GLOBAL | Cartesian | 39.6255 | 3.65 | 9.10617 | No | 39.6255 | 3.65 | 9.10617 |
| 33045 | GLOBAL | Cartesian | 39.80042 | 3.65 | 9.09219 | No | 39.80042 | 3.65 | 9.09219 |
| 33046 | GLOBAL | Cartesian | 39.97535 | 3.65 | 9.0782 | No | 39.97535 | 3.65 | 9.0782 |
| 33047 | GLOBAL | Cartesian | 40.15028 | 3.65 | 9.06421 | No | 40.15028 | 3.65 | 9.06421 |
| 33048 | GLOBAL | Cartesian | 39.61397 | 3.65 | 9.22556 | No | 39.61397 | 3.65 | 9.22556 |
| 33049 | GLOBAL | Cartesian | 39.7808 | 3.65 | 9.20704 | No | 39.7808 | 3.65 | 9.20704 |
| 33050 | GLOBAL | Cartesian | 39.94763 | 3.65 | 9.18853 | No | 39.94763 | 3.65 | 9.18853 |
| 33051 | GLOBAL | Cartesian | 40.11446 | 3.65 | 9.17001 | No | 40.11446 | 3.65 | 9.17001 |
| 33052 | GLOBAL | Cartesian | 40.28129 | 3.65 | 9.1515 | No | 40.28129 | 3.65 | 9.1515 |
| 33053 | GLOBAL | Cartesian | 39.77737 | 3.65 | 9.33096 | No | 39.77737 | 3.65 | 9.33096 |
| 33054 | GLOBAL | Cartesian | 39.9361 | 3.65 | 9.30791 | No | 39.9361 | 3.65 | 9.30791 |
| 33055 | GLOBAL | Cartesian | 40.09484 | 3.65 | 9.28487 | No | 40.09484 | 3.65 | 9.28487 |
| 33056 | GLOBAL | Cartesian | 40.25357 | 3.65 | 9.26183 | No | 40.25357 | 3.65 | 9.26183 |
| 33057 | GLOBAL | Cartesian | 40.41231 | 3.65 | 9.23878 | No | 40.41231 | 3.65 | 9.23878 |
| 33058 | GLOBAL | Cartesian | 39.94077 | 3.65 | 9.43636 | No | 39.94077 | 3.65 | 9.43636 |
| 33059 | GLOBAL | Cartesian | 40.09141 | 3.65 | 9.40878 | No | 40.09141 | 3.65 | 9.40878 |
| 33060 | GLOBAL | Cartesian | 40.24205 | 3.65 | 9.38121 | No | 40.24205 | 3.65 | 9.38121 |
| 33061 | GLOBAL | Cartesian | 40.39269 | 3.65 | 9.35364 | No | 40.39269 | 3.65 | 9.35364 |
| 33062 | GLOBAL | Cartesian | 40.54333 | 3.65 | 9.32607 | No | 40.54333 | 3.65 | 9.32607 |
| 33063 | GLOBAL | Cartesian | 40.10416 | 3.65 | 9.54175 | No | 40.10416 | 3.65 | 9.54175 |
| 33064 | GLOBAL | Cartesian | 40.24671 | 3.65 | 9.50965 | No | 40.24671 | 3.65 | 9.50965 |
| 33065 | GLOBAL | Cartesian | 40.38925 | 3.65 | 9.47755 | No | 40.38925 | 3.65 | 9.47755 |
| 33066 | GLOBAL | Cartesian | 40.5318 | 3.65 | 9.44545 | No | 40.5318 | 3.65 | 9.44545 |
| 33067 | GLOBAL | Cartesian | 40.67434 | 3.65 | 9.41335 | No | 40.67434 | 3.65 | 9.41335 |
| 33068 | GLOBAL | Cartesian | 40.26756 | 3.65 | 9.64715 | No | 40.26756 | 3.65 | 9.64715 |
| 33069 | GLOBAL | Cartesian | 40.40201 | 3.65 | 9.61052 | No | 40.40201 | 3.65 | 9.61052 |
| 33070 | GLOBAL | Cartesian | 40.53646 | 3.65 | 9.5739 | No | 40.53646 | 3.65 | 9.5739 |
| 33071 | GLOBAL | Cartesian | 40.67091 | 3.65 | 9.53727 | No | 40.67091 | 3.65 | 9.53727 |
| 33072 | GLOBAL | Cartesian | 40.80536 | 3.65 | 9.50064 | No | 40.80536 | 3.65 | 9.50064 |
| 33073 | GLOBAL | Cartesian | 40.43096 | 3.65 | 9.75255 | No | 40.43096 | 3.65 | 9.75255 |
| 33074 | GLOBAL | Cartesian | 40.55732 | 3.65 | 9.71139 | No | 40.55732 | 3.65 | 9.71139 |
| 33075 | GLOBAL | Cartesian | 40.68367 | 3.65 | 9.67024 | No | 40.68367 | 3.65 | 9.67024 |
| 33076 | GLOBAL | Cartesian | 40.81002 | 3.65 | 9.62908 | No | 40.81002 | 3.65 | 9.62908 |
| 33077 | GLOBAL | Cartesian | 40.93638 | 3.65 | 9.58792 | No | 40.93638 | 3.65 | 9.58792 |
| 33078 | GLOBAL | Cartesian | 40.59436 | 3.65 | 9.85795 | No | 40.59436 | 3.65 | 9.85795 |
| 33079 | GLOBAL | Cartesian | 40.71262 | 3.65 | 9.81226 | No | 40.71262 | 3.65 | 9.81226 |
| 33080 | GLOBAL | Cartesian | 40.83088 | 3.65 | 9.76658 | No | 40.83088 | 3.65 | 9.76658 |
| 33081 | GLOBAL | Cartesian | 40.94913 | 3.65 | 9.72089 | No | 40.94913 | 3.65 | 9.72089 |
| 33082 | GLOBAL | Cartesian | 41.06739 | 3.65 | 9.67521 | No | 41.06739 | 3.65 | 9.67521 |
| 33083 | GLOBAL | Cartesian | 40.75776 | 3.65 | 9.96335 | No | 40.75776 | 3.65 | 9.96335 |
| 33084 | GLOBAL | Cartesian | 40.86792 | 3.65 | 9.91313 | No | 40.86792 | 3.65 | 9.91313 |
| 33085 | GLOBAL | Cartesian | 40.97808 | 3.65 | 9.86292 | No | 40.97808 | 3.65 | 9.86292 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33086 | GLOBAL | Cartesian | 41.08825 | 3.65 | 9.81271 | No | 41.08825 | 3.65 | 9.81271 |
| 33087 | GLOBAL | Cartesian | 41.19841 | 3.65 | 9.76249 | No | 41.19841 | 3.65 | 9.76249 |
| 33088 | GLOBAL | Cartesian | 40.92116 | 3.65 | 10.06875 | No | 40.92116 | 3.65 | 10.06875 |
| 33089 | GLOBAL | Cartesian | 41.02322 | 3.65 | 10.014 | No | 41.02322 | 3.65 | 10.014 |
| 33090 | GLOBAL | Cartesian | 41.12529 | 3.65 | 9.95926 | No | 41.12529 | 3.65 | 9.95926 |
| 33091 | GLOBAL | Cartesian | 41.22736 | 3.65 | 9.90452 | No | 41.22736 | 3.65 | 9.90452 |
| 33092 | GLOBAL | Cartesian | 41.32942 | 3.65 | 9.84978 | No | 41.32942 | 3.65 | 9.84978 |
| 33093 | GLOBAL | Cartesian | 41.08456 | 3.65 | 10.17415 | No | 41.08456 | 3.65 | 10.17415 |
| 33094 | GLOBAL | Cartesian | 41.17853 | 3.65 | 10.11487 | No | 41.17853 | 3.65 | 10.11487 |
| 33095 | GLOBAL | Cartesian | 41.2725 | 3.65 | 10.0556 | No | 41.2725 | 3.65 | 10.0556 |
| 33096 | GLOBAL | Cartesian | 41.36647 | 3.65 | 9.99633 | No | 41.36647 | 3.65 | 9.99633 |
| 33097 | GLOBAL | Cartesian | 41.46044 | 3.65 | 9.93706 | No | 41.46044 | 3.65 | 9.93706 |
| 33098 | GLOBAL | Cartesian | 41.24795 | 3.65 | 10.27954 | No | 41.24795 | 3.65 | 10.27954 |
| 33099 | GLOBAL | Cartesian | 41.33383 | 3.65 | 10.21574 | No | 41.33383 | 3.65 | 10.21574 |
| 33100 | GLOBAL | Cartesian | 41.41971 | 3.65 | 10.15195 | No | 41.41971 | 3.65 | 10.15195 |
| 33101 | GLOBAL | Cartesian | 41.50558 | 3.65 | 10.08815 | No | 41.50558 | 3.65 | 10.08815 |
| 33102 | GLOBAL | Cartesian | 41.59146 | 3.65 | 10.02435 | No | 41.59146 | 3.65 | 10.02435 |
| 33103 | GLOBAL | Cartesian | 41.48913 | 3.65 | 10.31661 | No | 41.48913 | 3.65 | 10.31661 |
| 33104 | GLOBAL | Cartesian | 41.56691 | 3.65 | 10.24829 | No | 41.56691 | 3.65 | 10.24829 |
| 33105 | GLOBAL | Cartesian | 41.64469 | 3.65 | 10.17996 | No | 41.64469 | 3.65 | 10.17996 |
| 33106 | GLOBAL | Cartesian | 42.29579 | 3.65 | 8.92212 | No | 42.29579 | 3.65 | 8.92212 |
| 33107 | GLOBAL | Cartesian | 42.45686 | 3.65 | 8.91274 | No | 42.45686 | 3.65 | 8.91274 |
| 33108 | GLOBAL | Cartesian | 42.61792 | 3.65 | 8.90336 | No | 42.61792 | 3.65 | 8.90336 |
| 33109 | GLOBAL | Cartesian | 42.77899 | 3.65 | 8.89398 | No | 42.77899 | 3.65 | 8.89398 |
| 33110 | GLOBAL | Cartesian | 42.94006 | 3.65 | 8.8846 | No | 42.94006 | 3.65 | 8.8846 |
| 33111 | GLOBAL | Cartesian | 43.10113 | 3.65 | 8.87522 | No | 43.10113 | 3.65 | 8.87522 |
| 33112 | GLOBAL | Cartesian | 42.46856 | 3.65 | 9.01973 | No | 42.46856 | 3.65 | 9.01973 |
| 33113 | GLOBAL | Cartesian | 42.6221 | 3.65 | 9.00687 | No | 42.6221 | 3.65 | 9.00687 |
| 33114 | GLOBAL | Cartesian | 42.77563 | 3.65 | 8.99402 | No | 42.77563 | 3.65 | 8.99402 |
| 33115 | GLOBAL | Cartesian | 42.92917 | 3.65 | 8.98116 | No | 42.92917 | 3.65 | 8.98116 |
| 33116 | GLOBAL | Cartesian | 43.0827 | 3.65 | 8.96831 | No | 43.0827 | 3.65 | 8.96831 |
| 33117 | GLOBAL | Cartesian | 43.23624 | 3.65 | 8.95545 | No | 43.23624 | 3.65 | 8.95545 |
| 33118 | GLOBAL | Cartesian | 42.64133 | 3.65 | 9.11733 | No | 42.64133 | 3.65 | 9.11733 |
| 33119 | GLOBAL | Cartesian | 42.78734 | 3.65 | 9.101 | No | 42.78734 | 3.65 | 9.101 |
| 33120 | GLOBAL | Cartesian | 42.93334 | 3.65 | 9.08467 | No | 42.93334 | 3.65 | 9.08467 |
| 33121 | GLOBAL | Cartesian | 43.07935 | 3.65 | 9.06834 | No | 43.07935 | 3.65 | 9.06834 |
| 33122 | GLOBAL | Cartesian | 43.22535 | 3.65 | 9.05202 | No | 43.22535 | 3.65 | 9.05202 |
| 33123 | GLOBAL | Cartesian | 43.37135 | 3.65 | 9.03569 | No | 43.37135 | 3.65 | 9.03569 |
| 33124 | GLOBAL | Cartesian | 42.81411 | 3.65 | 9.21493 | No | 42.81411 | 3.65 | 9.21493 |
| 33125 | GLOBAL | Cartesian | 42.95258 | 3.65 | 9.19513 | No | 42.95258 | 3.65 | 9.19513 |
| 33126 | GLOBAL | Cartesian | 43.09105 | 3.65 | 9.17533 | No | 43.09105 | 3.65 | 9.17533 |
| 33127 | GLOBAL | Cartesian | 43.22952 | 3.65 | 9.15553 | No | 43.22952 | 3.65 | 9.15553 |
| 33128 | GLOBAL | Cartesian | 43.36799 | 3.65 | 9.13572 | No | 43.36799 | 3.65 | 9.13572 |
| 33129 | GLOBAL | Cartesian | 43.50647 | 3.65 | 9.11592 | No | 43.50647 | 3.65 | 9.11592 |
| 33130 | GLOBAL | Cartesian | 42.98688 | 3.65 | 9.31254 | No | 42.98688 | 3.65 | 9.31254 |
| 33131 | GLOBAL | Cartesian | 43.11782 | 3.65 | 9.28926 | No | 43.11782 | 3.65 | 9.28926 |
| 33132 | GLOBAL | Cartesian | 43.24876 | 3.65 | 9.26598 | No | 43.24876 | 3.65 | 9.26598 |
| 33133 | GLOBAL | Cartesian | 43.3797 | 3.65 | 9.24271 | No | 43.3797 | 3.65 | 9.24271 |
| 33134 | GLOBAL | Cartesian | 43.51064 | 3.65 | 9.21943 | No | 43.51064 | 3.65 | 9.21943 |
| 33135 | GLOBAL | Cartesian | 43.64158 | 3.65 | 9.19616 | No | 43.64158 | 3.65 | 9.19616 |
| 33136 | GLOBAL | Cartesian | 43.15965 | 3.65 | 9.41014 | No | 43.15965 | 3.65 | 9.41014 |
| 33137 | GLOBAL | Cartesian | 43.28306 | 3.65 | 9.38339 | No | 43.28306 | 3.65 | 9.38339 |
| 33138 | GLOBAL | Cartesian | 43.40647 | 3.65 | 9.35664 | No | 43.40647 | 3.65 | 9.35664 |
| 33139 | GLOBAL | Cartesian | 43.52988 | 3.65 | 9.32989 | No | 43.52988 | 3.65 | 9.32989 |
| 33140 | GLOBAL | Cartesian | 43.65328 | 3.65 | 9.30314 | No | 43.65328 | 3.65 | 9.30314 |
| 33141 | GLOBAL | Cartesian | 43.77669 | 3.65 | 9.27639 | No | 43.77669 | 3.65 | 9.27639 |
| 33142 | GLOBAL | Cartesian | 43.33242 | 3.65 | 9.50774 | No | 43.33242 | 3.65 | 9.50774 |
| 33143 | GLOBAL | Cartesian | 43.4483 | 3.65 | 9.47752 | No | 43.4483 | 3.65 | 9.47752 |
| 33144 | GLOBAL | Cartesian | 43.56418 | 3.65 | 9.4473 | No | 43.56418 | 3.65 | 9.4473 |
| 33145 | GLOBAL | Cartesian | 43.68005 | 3.65 | 9.41707 | No | 43.68005 | 3.65 | 9.41707 |
| 33146 | GLOBAL | Cartesian | 43.79593 | 3.65 | 9.38685 | No | 43.79593 | 3.65 | 9.38685 |
| 33147 | GLOBAL | Cartesian | 43.9118 | 3.65 | 9.35662 | No | 43.9118 | 3.65 | 9.35662 |
| 33148 | GLOBAL | Cartesian | 43.5052 | 3.65 | 9.60535 | No | 43.5052 | 3.65 | 9.60535 |
| 33149 | GLOBAL | Cartesian | 43.61354 | 3.65 | 9.57165 | No | 43.61354 | 3.65 | 9.57165 |
| 33150 | GLOBAL | Cartesian | 43.72188 | 3.65 | 9.53795 | No | 43.72188 | 3.65 | 9.53795 |
| 33151 | GLOBAL | Cartesian | 43.83023 | 3.65 | 9.50425 | No | 43.83023 | 3.65 | 9.50425 |
| 33152 | GLOBAL | Cartesian | 43.93857 | 3.65 | 9.47055 | No | 43.93857 | 3.65 | 9.47055 |
| 33153 | GLOBAL | Cartesian | 44.04692 | 3.65 | 9.43686 | No | 44.04692 | 3.65 | 9.43686 |
| 33154 | GLOBAL | Cartesian | 43.67797 | 3.65 | 9.70295 | No | 43.67797 | 3.65 | 9.70295 |
| 33155 | GLOBAL | Cartesian | 43.77878 | 3.65 | 9.66578 | No | 43.77878 | 3.65 | 9.66578 |
| 33156 | GLOBAL | Cartesian | 43.87959 | 3.65 | 9.62861 | No | 43.87959 | 3.65 | 9.62861 |
| 33157 | GLOBAL | Cartesian | 43.98041 | 3.65 | 9.59143 | No | 43.98041 | 3.65 | 9.59143 |
| 33158 | GLOBAL | Cartesian | 44.08122 | 3.65 | 9.55426 | No | 44.08122 | 3.65 | 9.55426 |
| 33159 | GLOBAL | Cartesian | 44.18203 | 3.65 | 9.51709 | No | 44.18203 | 3.65 | 9.51709 |
| 33160 | GLOBAL | Cartesian | 43.85074 | 3.65 | 9.80055 | No | 43.85074 | 3.65 | 9.80055 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33161 | GLOBAL | Cartesian | 43.94402 | 3.65 | 9.75991 | No | 43.94402 | 3.65 | 9.75991 |
| 33162 | GLOBAL | Cartesian | 44.0373 | 3.65 | 9.71926 | No | 44.0373 | 3.65 | 9.71926 |
| 33163 | GLOBAL | Cartesian | 44.13058 | 3.65 | 9.67862 | No | 44.13058 | 3.65 | 9.67862 |
| 33164 | GLOBAL | Cartesian | 44.22386 | 3.65 | 9.63797 | No | 44.22386 | 3.65 | 9.63797 |
| 33165 | GLOBAL | Cartesian | 44.31714 | 3.65 | 9.59732 | No | 44.31714 | 3.65 | 9.59732 |
| 33166 | GLOBAL | Cartesian | 44.02351 | 3.65 | 9.89816 | No | 44.02351 | 3.65 | 9.89816 |
| 33167 | GLOBAL | Cartesian | 44.10926 | 3.65 | 9.85404 | No | 44.10926 | 3.65 | 9.85404 |
| 33168 | GLOBAL | Cartesian | 44.19501 | 3.65 | 9.80992 | No | 44.19501 | 3.65 | 9.80992 |
| 33169 | GLOBAL | Cartesian | 44.28076 | 3.65 | 9.7658 | No | 44.28076 | 3.65 | 9.7658 |
| 33170 | GLOBAL | Cartesian | 44.36651 | 3.65 | 9.72168 | No | 44.36651 | 3.65 | 9.72168 |
| 33171 | GLOBAL | Cartesian | 44.45226 | 3.65 | 9.67756 | No | 44.45226 | 3.65 | 9.67756 |
| 33172 | GLOBAL | Cartesian | 44.19629 | 3.65 | 9.99576 | No | 44.19629 | 3.65 | 9.99576 |
| 33173 | GLOBAL | Cartesian | 44.2745 | 3.65 | 9.94817 | No | 44.2745 | 3.65 | 9.94817 |
| 33174 | GLOBAL | Cartesian | 44.35272 | 3.65 | 9.90057 | No | 44.35272 | 3.65 | 9.90057 |
| 33175 | GLOBAL | Cartesian | 44.43094 | 3.65 | 9.85298 | No | 44.43094 | 3.65 | 9.85298 |
| 33176 | GLOBAL | Cartesian | 44.50915 | 3.65 | 9.80539 | No | 44.50915 | 3.65 | 9.80539 |
| 33177 | GLOBAL | Cartesian | 44.58737 | 3.65 | 9.75779 | No | 44.58737 | 3.65 | 9.75779 |
| 33178 | GLOBAL | Cartesian | 44.43974 | 3.65 | 10.0423 | No | 44.43974 | 3.65 | 10.0423 |
| 33179 | GLOBAL | Cartesian | 44.51043 | 3.65 | 9.99123 | No | 44.51043 | 3.65 | 9.99123 |
| 33180 | GLOBAL | Cartesian | 44.58111 | 3.65 | 9.94016 | No | 44.58111 | 3.65 | 9.94016 |
| 33181 | GLOBAL | Cartesian | 44.6518 | 3.65 | 9.88909 | No | 44.6518 | 3.65 | 9.88909 |
| 33182 | GLOBAL | Cartesian | 45.29214 | 3.65 | 8.79609 | No | 45.29214 | 3.65 | 8.79609 |
| 33183 | GLOBAL | Cartesian | 45.47048 | 3.65 | 8.78475 | No | 45.47048 | 3.65 | 8.78475 |
| 33184 | GLOBAL | Cartesian | 45.64883 | 3.65 | 8.77341 | No | 45.64883 | 3.65 | 8.77341 |
| 33185 | GLOBAL | Cartesian | 45.82717 | 3.65 | 8.76206 | No | 45.82717 | 3.65 | 8.76206 |
| 33186 | GLOBAL | Cartesian | 46.00552 | 3.65 | 8.75072 | No | 46.00552 | 3.65 | 8.75072 |
| 33187 | GLOBAL | Cartesian | 46.18386 | 3.65 | 8.73937 | No | 46.18386 | 3.65 | 8.73937 |
| 33188 | GLOBAL | Cartesian | 45.46159 | 3.65 | 8.87991 | No | 45.46159 | 3.65 | 8.87991 |
| 33189 | GLOBAL | Cartesian | 45.63169 | 3.65 | 8.86548 | No | 45.63169 | 3.65 | 8.86548 |
| 33190 | GLOBAL | Cartesian | 45.80179 | 3.65 | 8.85106 | No | 45.80179 | 3.65 | 8.85106 |
| 33191 | GLOBAL | Cartesian | 45.97188 | 3.65 | 8.83663 | No | 45.97188 | 3.65 | 8.83663 |
| 33192 | GLOBAL | Cartesian | 46.14198 | 3.65 | 8.82221 | No | 46.14198 | 3.65 | 8.82221 |
| 33193 | GLOBAL | Cartesian | 46.31208 | 3.65 | 8.80778 | No | 46.31208 | 3.65 | 8.80778 |
| 33194 | GLOBAL | Cartesian | 45.63105 | 3.65 | 8.96373 | No | 45.63105 | 3.65 | 8.96373 |
| 33195 | GLOBAL | Cartesian | 45.7929 | 3.65 | 8.94622 | No | 45.7929 | 3.65 | 8.94622 |
| 33196 | GLOBAL | Cartesian | 45.95475 | 3.65 | 8.92871 | No | 45.95475 | 3.65 | 8.92871 |
| 33197 | GLOBAL | Cartesian | 46.1166 | 3.65 | 8.91121 | No | 46.1166 | 3.65 | 8.91121 |
| 33198 | GLOBAL | Cartesian | 46.27845 | 3.65 | 8.8937 | No | 46.27845 | 3.65 | 8.8937 |
| 33199 | GLOBAL | Cartesian | 46.4403 | 3.65 | 8.87619 | No | 46.4403 | 3.65 | 8.87619 |
| 33200 | GLOBAL | Cartesian | 45.8005 | 3.65 | 9.04755 | No | 45.8005 | 3.65 | 9.04755 |
| 33201 | GLOBAL | Cartesian | 45.95411 | 3.65 | 9.02696 | No | 45.95411 | 3.65 | 9.02696 |
| 33202 | GLOBAL | Cartesian | 46.10771 | 3.65 | 9.00637 | No | 46.10771 | 3.65 | 9.00637 |
| 33203 | GLOBAL | Cartesian | 46.26131 | 3.65 | 8.98578 | No | 46.26131 | 3.65 | 8.98578 |
| 33204 | GLOBAL | Cartesian | 46.41491 | 3.65 | 8.96519 | No | 46.41491 | 3.65 | 8.96519 |
| 33205 | GLOBAL | Cartesian | 46.56851 | 3.65 | 8.9446 | No | 46.56851 | 3.65 | 8.9446 |
| 33206 | GLOBAL | Cartesian | 45.96996 | 3.65 | 9.13136 | No | 45.96996 | 3.65 | 9.13136 |
| 33207 | GLOBAL | Cartesian | 46.11532 | 3.65 | 9.10769 | No | 46.11532 | 3.65 | 9.10769 |
| 33208 | GLOBAL | Cartesian | 46.26067 | 3.65 | 9.08402 | No | 46.26067 | 3.65 | 9.08402 |
| 33209 | GLOBAL | Cartesian | 46.40602 | 3.65 | 9.06035 | No | 46.40602 | 3.65 | 9.06035 |
| 33210 | GLOBAL | Cartesian | 46.55138 | 3.65 | 9.03668 | No | 46.55138 | 3.65 | 9.03668 |
| 33211 | GLOBAL | Cartesian | 46.69673 | 3.65 | 9.01301 | No | 46.69673 | 3.65 | 9.01301 |
| 33212 | GLOBAL | Cartesian | 46.13942 | 3.65 | 9.21518 | No | 46.13942 | 3.65 | 9.21518 |
| 33213 | GLOBAL | Cartesian | 46.27652 | 3.65 | 9.18843 | No | 46.27652 | 3.65 | 9.18843 |
| 33214 | GLOBAL | Cartesian | 46.41363 | 3.65 | 9.16167 | No | 46.41363 | 3.65 | 9.16167 |
| 33215 | GLOBAL | Cartesian | 46.55074 | 3.65 | 9.13492 | No | 46.55074 | 3.65 | 9.13492 |
| 33216 | GLOBAL | Cartesian | 46.68784 | 3.65 | 9.10817 | No | 46.68784 | 3.65 | 9.10817 |
| 33217 | GLOBAL | Cartesian | 46.82495 | 3.65 | 9.08141 | No | 46.82495 | 3.65 | 9.08141 |
| 33218 | GLOBAL | Cartesian | 46.30887 | 3.65 | 9.299 | No | 46.30887 | 3.65 | 9.299 |
| 33219 | GLOBAL | Cartesian | 46.43773 | 3.65 | 9.26916 | No | 46.43773 | 3.65 | 9.26916 |
| 33220 | GLOBAL | Cartesian | 46.56659 | 3.65 | 9.23933 | No | 46.56659 | 3.65 | 9.23933 |
| 33221 | GLOBAL | Cartesian | 46.69545 | 3.65 | 9.20949 | No | 46.69545 | 3.65 | 9.20949 |
| 33222 | GLOBAL | Cartesian | 46.82431 | 3.65 | 9.17966 | No | 46.82431 | 3.65 | 9.17966 |
| 33223 | GLOBAL | Cartesian | 46.95317 | 3.65 | 9.14982 | No | 46.95317 | 3.65 | 9.14982 |
| 33224 | GLOBAL | Cartesian | 46.47833 | 3.65 | 9.38281 | No | 46.47833 | 3.65 | 9.38281 |
| 33225 | GLOBAL | Cartesian | 46.59894 | 3.65 | 9.3499 | No | 46.59894 | 3.65 | 9.3499 |
| 33226 | GLOBAL | Cartesian | 46.71955 | 3.65 | 9.31698 | No | 46.71955 | 3.65 | 9.31698 |
| 33227 | GLOBAL | Cartesian | 46.84016 | 3.65 | 9.28406 | No | 46.84016 | 3.65 | 9.28406 |
| 33228 | GLOBAL | Cartesian | 46.96078 | 3.65 | 9.25115 | No | 46.96078 | 3.65 | 9.25115 |
| 33229 | GLOBAL | Cartesian | 47.08139 | 3.65 | 9.21823 | No | 47.08139 | 3.65 | 9.21823 |
| 33230 | GLOBAL | Cartesian | 46.64779 | 3.65 | 9.46663 | No | 46.64779 | 3.65 | 9.46663 |
| 33231 | GLOBAL | Cartesian | 46.76015 | 3.65 | 9.43063 | No | 46.76015 | 3.65 | 9.43063 |
| 33232 | GLOBAL | Cartesian | 46.87251 | 3.65 | 9.39463 | No | 46.87251 | 3.65 | 9.39463 |
| 33233 | GLOBAL | Cartesian | 46.98488 | 3.65 | 9.35864 | No | 46.98488 | 3.65 | 9.35864 |
| 33234 | GLOBAL | Cartesian | 47.09724 | 3.65 | 9.32264 | No | 47.09724 | 3.65 | 9.32264 |
| 33235 | GLOBAL | Cartesian | 47.20961 | 3.65 | 9.28664 | No | 47.20961 | 3.65 | 9.28664 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33236 | GLOBAL | Cartesian | 46.81724 | 3.65 | 9.55045 | No | 46.81724 | 3.65 | 9.55045 |
| 33237 | GLOBAL | Cartesian | 46.92136 | 3.65 | 9.51137 | No | 46.92136 | 3.65 | 9.51137 |
| 33238 | GLOBAL | Cartesian | 47.02548 | 3.65 | 9.47229 | No | 47.02548 | 3.65 | 9.47229 |
| 33239 | GLOBAL | Cartesian | 47.12959 | 3.65 | 9.43321 | No | 47.12959 | 3.65 | 9.43321 |
| 33240 | GLOBAL | Cartesian | 47.23371 | 3.65 | 9.39413 | No | 47.23371 | 3.65 | 9.39413 |
| 33241 | GLOBAL | Cartesian | 47.33782 | 3.65 | 9.35505 | No | 47.33782 | 3.65 | 9.35505 |
| 33242 | GLOBAL | Cartesian | 46.9867 | 3.65 | 9.63427 | No | 46.9867 | 3.65 | 9.63427 |
| 33243 | GLOBAL | Cartesian | 47.08257 | 3.65 | 9.5921 | No | 47.08257 | 3.65 | 9.5921 |
| 33244 | GLOBAL | Cartesian | 47.17844 | 3.65 | 9.54994 | No | 47.17844 | 3.65 | 9.54994 |
| 33245 | GLOBAL | Cartesian | 47.27431 | 3.65 | 9.50778 | No | 47.27431 | 3.65 | 9.50778 |
| 33246 | GLOBAL | Cartesian | 47.37017 | 3.65 | 9.46562 | No | 47.37017 | 3.65 | 9.46562 |
| 33247 | GLOBAL | Cartesian | 47.46604 | 3.65 | 9.42345 | No | 47.46604 | 3.65 | 9.42345 |
| 33248 | GLOBAL | Cartesian | 47.15616 | 3.65 | 9.71808 | No | 47.15616 | 3.65 | 9.71808 |
| 33249 | GLOBAL | Cartesian | 47.24378 | 3.65 | 9.67284 | No | 47.24378 | 3.65 | 9.67284 |
| 33250 | GLOBAL | Cartesian | 47.3314 | 3.65 | 9.6276 | No | 47.3314 | 3.65 | 9.6276 |
| 33251 | GLOBAL | Cartesian | 47.41902 | 3.65 | 9.58235 | No | 47.41902 | 3.65 | 9.58235 |
| 33252 | GLOBAL | Cartesian | 47.50664 | 3.65 | 9.53711 | No | 47.50664 | 3.65 | 9.53711 |
| 33253 | GLOBAL | Cartesian | 47.59426 | 3.65 | 9.49186 | No | 47.59426 | 3.65 | 9.49186 |
| 33254 | GLOBAL | Cartesian | 47.40499 | 3.65 | 9.75358 | No | 47.40499 | 3.65 | 9.75358 |
| 33255 | GLOBAL | Cartesian | 47.48436 | 3.65 | 9.70525 | No | 47.48436 | 3.65 | 9.70525 |
| 33256 | GLOBAL | Cartesian | 47.56373 | 3.65 | 9.65692 | No | 47.56373 | 3.65 | 9.65692 |
| 33257 | GLOBAL | Cartesian | 47.64311 | 3.65 | 9.6086 | No | 47.64311 | 3.65 | 9.6086 |
| 33258 | GLOBAL | Cartesian | 47.59019 | 3.65 | 9.70832 | No | 47.59019 | 3.65 | 9.70832 |
| 33259 | GLOBAL | Cartesian | 47.65633 | 3.65 | 9.63429 | No | 47.65633 | 3.65 | 9.63429 |
| 33260 | GLOBAL | Cartesian | 47.59019 | 3.65 | 9.64081 | No | 47.59019 | 3.65 | 9.64081 |
| 33261 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.69528 | No | 47.72248 | 3.65 | 9.69528 |
| 33262 | GLOBAL | Cartesian | 47.72248 | 3.65 | 9.62777 | No | 47.72248 | 3.65 | 9.62777 |
| 33263 | GLOBAL | Cartesian | 44.54577 | 3.65 | 10.07594 | No | 44.54577 | 3.65 | 10.07594 |
| 33264 | GLOBAL | Cartesian | 44.60467 | 3.65 | 9.99664 | No | 44.60467 | 3.65 | 9.99664 |
| 33265 | GLOBAL | Cartesian | 44.66358 | 3.65 | 9.91733 | No | 44.66358 | 3.65 | 9.91733 |
| 33266 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.98502 | No | 44.72248 | 3.65 | 9.98502 |
| 33267 | GLOBAL | Cartesian | 44.72248 | 3.65 | 9.91153 | No | 44.72248 | 3.65 | 9.91153 |
| 33268 | GLOBAL | Cartesian | 41.61877 | 3.65 | 10.28362 | No | 41.61877 | 3.65 | 10.28362 |
| 33269 | GLOBAL | Cartesian | 41.67062 | 3.65 | 10.19762 | No | 41.67062 | 3.65 | 10.19762 |
| 33270 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.27339 | No | 41.72247 | 3.65 | 10.27339 |
| 33271 | GLOBAL | Cartesian | 41.72247 | 3.65 | 10.19251 | No | 41.72247 | 3.65 | 10.19251 |
| 33272 | GLOBAL | Cartesian | 38.58577 | 3.65 | 10.66349 | No | 38.58577 | 3.65 | 10.66349 |
| 33273 | GLOBAL | Cartesian | 38.63141 | 3.65 | 10.56974 | No | 38.63141 | 3.65 | 10.56974 |
| 33274 | GLOBAL | Cartesian | 38.67704 | 3.65 | 10.47598 | No | 38.67704 | 3.65 | 10.47598 |
| 33275 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.56074 | No | 38.72268 | 3.65 | 10.56074 |
| 33276 | GLOBAL | Cartesian | 38.72268 | 3.65 | 10.47148 | No | 38.72268 | 3.65 | 10.47148 |
| 33277 | GLOBAL | Cartesian | 32.48066 | 3.65 | 11.23333 | No | 32.48066 | 3.65 | 11.23333 |
| 33278 | GLOBAL | Cartesian | 32.60167 | 3.65 | 11.15505 | No | 32.60167 | 3.65 | 11.15505 |
| 33279 | GLOBAL | Cartesian | 32.72268 | 3.65 | 11.07677 | No | 32.72268 | 3.65 | 11.07677 |
| 33280 | GLOBAL | Cartesian | 32.61717 | 3.65 | 11.25189 | No | 32.61717 | 3.65 | 11.25189 |
| 33281 | GLOBAL | Cartesian | 31.55105 | 3.65 | 10.36512 | No | 31.55105 | 3.65 | 10.36512 |
| 33282 | GLOBAL | Cartesian | 31.64789 | 3.65 | 10.27312 | No | 31.64789 | 3.65 | 10.27312 |
| 33283 | GLOBAL | Cartesian | 31.52035 | 3.65 | 10.154 | No | 31.52035 | 3.65 | 10.154 |
| 33284 | GLOBAL | Cartesian | 31.74473 | 3.65 | 10.18112 | No | 31.74473 | 3.65 | 10.18112 |
| 33285 | GLOBAL | Cartesian | 31.61802 | 3.65 | 10.06278 | No | 31.61802 | 3.65 | 10.06278 |
| 33286 | GLOBAL | Cartesian | 31.84157 | 3.65 | 10.08912 | No | 31.84157 | 3.65 | 10.08912 |
| 33287 | GLOBAL | Cartesian | 31.67942 | 3.65 | 10.48501 | No | 31.67942 | 3.65 | 10.48501 |
| 33288 | GLOBAL | Cartesian | 31.77543 | 3.65 | 10.39223 | No | 31.77543 | 3.65 | 10.39223 |
| 33289 | GLOBAL | Cartesian | 31.87143 | 3.65 | 10.29946 | No | 31.87143 | 3.65 | 10.29946 |
| 33290 | GLOBAL | Cartesian | 31.96744 | 3.65 | 10.20668 | No | 31.96744 | 3.65 | 10.20668 |
| 33291 | GLOBAL | Cartesian | 31.80779 | 3.65 | 10.6049 | No | 31.80779 | 3.65 | 10.6049 |
| 33292 | GLOBAL | Cartesian | 31.90297 | 3.65 | 10.51135 | No | 31.90297 | 3.65 | 10.51135 |
| 33293 | GLOBAL | Cartesian | 31.99814 | 3.65 | 10.4178 | No | 31.99814 | 3.65 | 10.4178 |
| 33294 | GLOBAL | Cartesian | 32.09331 | 3.65 | 10.32424 | No | 32.09331 | 3.65 | 10.32424 |
| 33295 | GLOBAL | Cartesian | 31.93617 | 3.65 | 10.7248 | No | 31.93617 | 3.65 | 10.7248 |
| 33296 | GLOBAL | Cartesian | 32.03051 | 3.65 | 10.63047 | No | 32.03051 | 3.65 | 10.63047 |
| 33297 | GLOBAL | Cartesian | 32.12485 | 3.65 | 10.53613 | No | 32.12485 | 3.65 | 10.53613 |
| 33298 | GLOBAL | Cartesian | 32.21919 | 3.65 | 10.4418 | No | 32.21919 | 3.65 | 10.4418 |
| 33299 | GLOBAL | Cartesian | 32.06454 | 3.65 | 10.84469 | No | 32.06454 | 3.65 | 10.84469 |
| 33300 | GLOBAL | Cartesian | 32.15804 | 3.65 | 10.74958 | No | 32.15804 | 3.65 | 10.74958 |
| 33301 | GLOBAL | Cartesian | 32.25155 | 3.65 | 10.65447 | No | 32.25155 | 3.65 | 10.65447 |
| 33302 | GLOBAL | Cartesian | 32.34506 | 3.65 | 10.55936 | No | 32.34506 | 3.65 | 10.55936 |
| 33303 | GLOBAL | Cartesian | 32.19291 | 3.65 | 10.96459 | No | 32.19291 | 3.65 | 10.96459 |
| 33304 | GLOBAL | Cartesian | 32.28558 | 3.65 | 10.8687 | No | 32.28558 | 3.65 | 10.8687 |
| 33305 | GLOBAL | Cartesian | 32.37826 | 3.65 | 10.77281 | No | 32.37826 | 3.65 | 10.77281 |
| 33306 | GLOBAL | Cartesian | 32.47093 | 3.65 | 10.67692 | No | 32.47093 | 3.65 | 10.67692 |
| 33307 | GLOBAL | Cartesian | 32.32128 | 3.65 | 11.08448 | No | 32.32128 | 3.65 | 11.08448 |
| 33308 | GLOBAL | Cartesian | 32.41312 | 3.65 | 10.98782 | No | 32.41312 | 3.65 | 10.98782 |
| 33309 | GLOBAL | Cartesian | 32.50496 | 3.65 | 10.89115 | No | 32.50496 | 3.65 | 10.89115 |
| 33310 | GLOBAL | Cartesian | 32.59681 | 3.65 | 10.79448 | No | 32.59681 | 3.65 | 10.79448 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33311 | GLOBAL | Cartesian | 32.54066 | 3.65 | 11.10693 | No | 32.54066 | 3.65 | 11.10693 |
| 33312 | GLOBAL | Cartesian | 32.63167 | 3.65 | 11.00949 | No | 32.63167 | 3.65 | 11.00949 |
| 33313 | GLOBAL | Cartesian | 31.61802 | 3.65 | 9.88034 | No | 31.61802 | 3.65 | 9.88034 |
| 33314 | GLOBAL | Cartesian | 31.55291 | 3.65 | 10.00197 | No | 31.55291 | 3.65 | 10.00197 |
| 33315 | GLOBAL | Cartesian | 31.48779 | 3.65 | 10.12359 | No | 31.48779 | 3.65 | 10.12359 |
| 33316 | GLOBAL | Cartesian | 31.52035 | 3.65 | 9.78912 | No | 31.52035 | 3.65 | 9.78912 |
| 33317 | GLOBAL | Cartesian | 31.48779 | 3.65 | 9.94115 | No | 31.48779 | 3.65 | 9.94115 |
| 33318 | GLOBAL | Cartesian | 31.45524 | 3.65 | 10.09319 | No | 31.45524 | 3.65 | 10.09319 |
| 33319 | GLOBAL | Cartesian | 31.42268 | 3.65 | 9.88034 | Yes | 31.42268 | 3.65 | 9.88034 |
| 33320 | GLOBAL | Cartesian | 31.42268 | 3.65 | 10.06278 | Yes | 31.42268 | 3.65 | 10.06278 |
| 33321 | GLOBAL | Cartesian | 31.85955 | 3.65 | 9.83319 | No | 31.85955 | 3.65 | 9.83319 |
| 33322 | GLOBAL | Cartesian | 31.74908 | 3.65 | 9.75526 | No | 31.74908 | 3.65 | 9.75526 |
| 33323 | GLOBAL | Cartesian | 31.63862 | 3.65 | 9.67732 | No | 31.63862 | 3.65 | 9.67732 |
| 33324 | GLOBAL | Cartesian | 31.52816 | 3.65 | 9.59939 | No | 31.52816 | 3.65 | 9.59939 |
| 33325 | GLOBAL | Cartesian | 32.0034 | 3.65 | 9.69483 | No | 32.0034 | 3.65 | 9.69483 |
| 33326 | GLOBAL | Cartesian | 31.88015 | 3.65 | 9.63018 | No | 31.88015 | 3.65 | 9.63018 |
| 33327 | GLOBAL | Cartesian | 31.75689 | 3.65 | 9.56553 | No | 31.75689 | 3.65 | 9.56553 |
| 33328 | GLOBAL | Cartesian | 31.63363 | 3.65 | 9.50087 | No | 31.63363 | 3.65 | 9.50087 |
| 33329 | GLOBAL | Cartesian | 32.14726 | 3.65 | 9.55646 | No | 32.14726 | 3.65 | 9.55646 |
| 33330 | GLOBAL | Cartesian | 32.01121 | 3.65 | 9.5051 | No | 32.01121 | 3.65 | 9.5051 |
| 33331 | GLOBAL | Cartesian | 31.87516 | 3.65 | 9.45373 | No | 31.87516 | 3.65 | 9.45373 |
| 33332 | GLOBAL | Cartesian | 31.73911 | 3.65 | 9.40236 | No | 31.73911 | 3.65 | 9.40236 |
| 33333 | GLOBAL | Cartesian | 32.29111 | 3.65 | 9.4181 | No | 32.29111 | 3.65 | 9.4181 |
| 33334 | GLOBAL | Cartesian | 32.14227 | 3.65 | 9.38002 | No | 32.14227 | 3.65 | 9.38002 |
| 33335 | GLOBAL | Cartesian | 31.99343 | 3.65 | 9.34193 | No | 31.99343 | 3.65 | 9.34193 |
| 33336 | GLOBAL | Cartesian | 31.84458 | 3.65 | 9.30385 | No | 31.84458 | 3.65 | 9.30385 |
| 33337 | GLOBAL | Cartesian | 32.43497 | 3.65 | 9.27973 | No | 32.43497 | 3.65 | 9.27973 |
| 33338 | GLOBAL | Cartesian | 32.27333 | 3.65 | 9.25494 | No | 32.27333 | 3.65 | 9.25494 |
| 33339 | GLOBAL | Cartesian | 32.1117 | 3.65 | 9.23014 | No | 32.1117 | 3.65 | 9.23014 |
| 33340 | GLOBAL | Cartesian | 31.95006 | 3.65 | 9.20534 | No | 31.95006 | 3.65 | 9.20534 |
| 33341 | GLOBAL | Cartesian | 32.57882 | 3.65 | 9.14137 | No | 32.57882 | 3.65 | 9.14137 |
| 33342 | GLOBAL | Cartesian | 32.40439 | 3.65 | 9.12985 | No | 32.40439 | 3.65 | 9.12985 |
| 33343 | GLOBAL | Cartesian | 32.22997 | 3.65 | 9.11834 | No | 32.22997 | 3.65 | 9.11834 |
| 33344 | GLOBAL | Cartesian | 32.05554 | 3.65 | 9.10683 | No | 32.05554 | 3.65 | 9.10683 |
| 33345 | GLOBAL | Cartesian | 32.53546 | 3.65 | 9.00477 | No | 32.53546 | 3.65 | 9.00477 |
| 33346 | GLOBAL | Cartesian | 32.34823 | 3.65 | 9.00655 | No | 32.34823 | 3.65 | 9.00655 |
| 33347 | GLOBAL | Cartesian | 32.53489 | 3.65 | 8.82554 | No | 32.53489 | 3.65 | 8.82554 |
| 33348 | GLOBAL | Cartesian | 32.3471 | 3.65 | 8.82687 | No | 32.3471 | 3.65 | 8.82687 |
| 33349 | GLOBAL | Cartesian | 32.15931 | 3.65 | 8.8282 | No | 32.15931 | 3.65 | 8.8282 |
| 33350 | GLOBAL | Cartesian | 32.53432 | 3.65 | 8.64631 | No | 32.53432 | 3.65 | 8.64631 |
| 33351 | GLOBAL | Cartesian | 32.34596 | 3.65 | 8.6472 | No | 32.34596 | 3.65 | 8.6472 |
| 33352 | GLOBAL | Cartesian | 32.1576 | 3.65 | 8.64808 | No | 32.1576 | 3.65 | 8.64808 |
| 33353 | GLOBAL | Cartesian | 32.53375 | 3.65 | 8.46708 | No | 32.53375 | 3.65 | 8.46708 |
| 33354 | GLOBAL | Cartesian | 32.34482 | 3.65 | 8.46752 | No | 32.34482 | 3.65 | 8.46752 |
| 33355 | GLOBAL | Cartesian | 32.15589 | 3.65 | 8.46796 | No | 32.15589 | 3.65 | 8.46796 |
| 33356 | GLOBAL | Cartesian | 32.53318 | 3.65 | 8.28784 | No | 32.53318 | 3.65 | 8.28784 |
| 33357 | GLOBAL | Cartesian | 32.34368 | 3.65 | 8.28784 | No | 32.34368 | 3.65 | 8.28784 |
| 33358 | GLOBAL | Cartesian | 31.97515 | 3.65 | 8.8282 | No | 31.97515 | 3.65 | 8.8282 |
| 33359 | GLOBAL | Cartesian | 31.97643 | 3.65 | 9.00832 | No | 31.97643 | 3.65 | 9.00832 |
| 33360 | GLOBAL | Cartesian | 31.79099 | 3.65 | 8.8282 | No | 31.79099 | 3.65 | 8.8282 |
| 33361 | GLOBAL | Cartesian | 31.79185 | 3.65 | 9.00832 | No | 31.79185 | 3.65 | 9.00832 |
| 33362 | GLOBAL | Cartesian | 31.60684 | 3.65 | 8.8282 | No | 31.60684 | 3.65 | 8.8282 |
| 33363 | GLOBAL | Cartesian | 31.60726 | 3.65 | 9.00832 | No | 31.60726 | 3.65 | 9.00832 |
| 33364 | GLOBAL | Cartesian | 31.42268 | 3.65 | 8.8282 | Yes | 31.42268 | 3.65 | 8.8282 |
| 33365 | GLOBAL | Cartesian | 31.97387 | 3.65 | 8.64808 | No | 31.97387 | 3.65 | 8.64808 |
| 33366 | GLOBAL | Cartesian | 31.79014 | 3.65 | 8.64808 | No | 31.79014 | 3.65 | 8.64808 |
| 33367 | GLOBAL | Cartesian | 31.60641 | 3.65 | 8.64808 | No | 31.60641 | 3.65 | 8.64808 |
| 33368 | GLOBAL | Cartesian | 31.42268 | 3.65 | 8.64808 | Yes | 31.42268 | 3.65 | 8.64808 |
| 33369 | GLOBAL | Cartesian | 31.97259 | 3.65 | 8.46796 | No | 31.97259 | 3.65 | 8.46796 |
| 33370 | GLOBAL | Cartesian | 31.78929 | 3.65 | 8.46796 | No | 31.78929 | 3.65 | 8.46796 |
| 33371 | GLOBAL | Cartesian | 31.60598 | 3.65 | 8.46796 | No | 31.60598 | 3.65 | 8.46796 |
| 33372 | GLOBAL | Cartesian | 31.42268 | 3.65 | 8.46796 | Yes | 31.42268 | 3.65 | 8.46796 |
| 33373 | GLOBAL | Cartesian | 31.97131 | 3.65 | 8.28784 | No | 31.97131 | 3.65 | 8.28784 |
| 33374 | GLOBAL | Cartesian | 31.78843 | 3.65 | 8.28784 | No | 31.78843 | 3.65 | 8.28784 |
| 33375 | GLOBAL | Cartesian | 31.60556 | 3.65 | 8.28784 | No | 31.60556 | 3.65 | 8.28784 |
| 33376 | GLOBAL | Cartesian | 32.82268 | 3.65 | 8.8235 | No | 32.82268 | 3.65 | 8.8235 |
| 33377 | GLOBAL | Cartesian | 33.02268 | 3.65 | 8.82186 | No | 33.02268 | 3.65 | 8.82186 |
| 33378 | GLOBAL | Cartesian | 32.82268 | 3.65 | 8.64495 | No | 32.82268 | 3.65 | 8.64495 |
| 33379 | GLOBAL | Cartesian | 33.02268 | 3.65 | 8.64357 | No | 33.02268 | 3.65 | 8.64357 |
| 33380 | GLOBAL | Cartesian | 32.82268 | 3.65 | 8.4664 | No | 32.82268 | 3.65 | 8.4664 |
| 33381 | GLOBAL | Cartesian | 33.02268 | 3.65 | 8.46527 | No | 33.02268 | 3.65 | 8.46527 |
| 33382 | GLOBAL | Cartesian | 32.82268 | 3.65 | 8.28784 | No | 32.82268 | 3.65 | 8.28784 |
| 33383 | GLOBAL | Cartesian | 33.02268 | 3.65 | 8.28697 | No | 33.02268 | 3.65 | 8.28697 |
| 33384 | GLOBAL | Cartesian | 35.8227 | 3.65 | 8.79402 | No | 35.8227 | 3.65 | 8.79402 |
| 33385 | GLOBAL | Cartesian | 35.8227 | 3.65 | 8.61619 | No | 35.8227 | 3.65 | 8.61619 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33386 | GLOBAL | Cartesian | 35.82269 | 3.65 | 8.43836 | No | 35.82269 | 3.65 | 8.43836 |
| 33387 | GLOBAL | Cartesian | 35.82269 | 3.65 | 8.26053 | No | 35.82269 | 3.65 | 8.26053 |
| 33388 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.54778 | No | 50.92268 | 3.65 | 9.54778 |
| 33389 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.26259 | No | 50.92268 | 3.65 | 8.26259 |
| 33390 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.0773 | No | 50.92268 | 3.65 | 8.0773 |
| 33391 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.28073 | No | 50.92268 | 3.65 | 9.28073 |
| 33392 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.11416 | No | 50.92268 | 3.65 | 9.11416 |
| 33393 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.94759 | No | 50.92268 | 3.65 | 8.94759 |
| 33394 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.78102 | No | 50.92268 | 3.65 | 8.78102 |
| 33395 | GLOBAL | Cartesian | 50.92268 | 3.65 | 8.61446 | No | 50.92268 | 3.65 | 8.61446 |
| 33396 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.11402 | No | 53.92268 | 3.65 | 8.11402 |
| 33397 | GLOBAL | Cartesian | 53.92268 | 3.65 | 7.91825 | No | 53.92268 | 3.65 | 7.91825 |
| 33398 | GLOBAL | Cartesian | 50.92268 | 3.65 | 7.892 | No | 50.92268 | 3.65 | 7.892 |
| 33399 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.25203 | No | 53.92268 | 3.65 | 9.25203 |
| 33400 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.01126 | No | 53.92268 | 3.65 | 9.01126 |
| 33401 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.87096 | No | 53.92268 | 3.65 | 8.87096 |
| 33402 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.73067 | No | 53.92268 | 3.65 | 8.73067 |
| 33403 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.59038 | No | 53.92268 | 3.65 | 8.59038 |
| 33404 | GLOBAL | Cartesian | 53.92268 | 3.65 | 8.45009 | No | 53.92268 | 3.65 | 8.45009 |
| 33405 | GLOBAL | Cartesian | 53.92268 | 3.65 | 7.72248 | No | 53.92268 | 3.65 | 7.72248 |
| 33406 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.92553 | No | 48.11018 | 3.65 | 9.92553 |
| 33407 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.82504 | No | 48.11018 | 3.65 | 9.82504 |
| 33408 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.90704 | No | 48.29768 | 3.65 | 9.90704 |
| 33409 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.80656 | No | 48.29768 | 3.65 | 9.80656 |
| 33410 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.88856 | No | 48.48518 | 3.65 | 9.88856 |
| 33411 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.78807 | No | 48.48518 | 3.65 | 9.78807 |
| 33412 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.87007 | No | 48.67268 | 3.65 | 9.87007 |
| 33413 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.76959 | No | 48.67268 | 3.65 | 9.76959 |
| 33414 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.85159 | No | 48.86018 | 3.65 | 9.85159 |
| 33415 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.75111 | No | 48.86018 | 3.65 | 9.75111 |
| 33416 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.83311 | No | 49.04768 | 3.65 | 9.83311 |
| 33417 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.73262 | No | 49.04768 | 3.65 | 9.73262 |
| 33418 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.81462 | No | 49.23518 | 3.65 | 9.81462 |
| 33419 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.71414 | No | 49.23518 | 3.65 | 9.71414 |
| 33420 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.79614 | No | 49.42268 | 3.65 | 9.79614 |
| 33421 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.69565 | No | 49.42268 | 3.65 | 9.69565 |
| 33422 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.77765 | No | 49.61018 | 3.65 | 9.77765 |
| 33423 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.67717 | No | 49.61018 | 3.65 | 9.67717 |
| 33424 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.75917 | No | 49.79768 | 3.65 | 9.75917 |
| 33425 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.65868 | No | 49.79768 | 3.65 | 9.65868 |
| 33426 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.74069 | No | 49.98518 | 3.65 | 9.74069 |
| 33427 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.6402 | No | 49.98518 | 3.65 | 9.6402 |
| 33428 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.7222 | No | 50.17268 | 3.65 | 9.7222 |
| 33429 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.62172 | No | 50.17268 | 3.65 | 9.62172 |
| 33430 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.70372 | No | 50.36018 | 3.65 | 9.70372 |
| 33431 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.60323 | No | 50.36018 | 3.65 | 9.60323 |
| 33432 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.68523 | No | 50.54768 | 3.65 | 9.68523 |
| 33433 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.58475 | No | 50.54768 | 3.65 | 9.58475 |
| 33434 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.66675 | No | 50.73518 | 3.65 | 9.66675 |
| 33435 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.56626 | No | 50.73518 | 3.65 | 9.56626 |
| 33436 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.72456 | No | 48.11018 | 3.65 | 9.72456 |
| 33437 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.70607 | No | 48.29768 | 3.65 | 9.70607 |
| 33438 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.68759 | No | 48.48518 | 3.65 | 9.68759 |
| 33439 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.6691 | No | 48.67268 | 3.65 | 9.6691 |
| 33440 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.65062 | No | 48.86018 | 3.65 | 9.65062 |
| 33441 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.63214 | No | 49.04768 | 3.65 | 9.63214 |
| 33442 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.61365 | No | 49.23518 | 3.65 | 9.61365 |
| 33443 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.59517 | No | 49.42268 | 3.65 | 9.59517 |
| 33444 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.57668 | No | 49.61018 | 3.65 | 9.57668 |
| 33445 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.5582 | No | 49.79768 | 3.65 | 9.5582 |
| 33446 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.53972 | No | 49.98518 | 3.65 | 9.53972 |
| 33447 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.52123 | No | 50.17268 | 3.65 | 9.52123 |
| 33448 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.50275 | No | 50.36018 | 3.65 | 9.50275 |
| 33449 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.48426 | No | 50.54768 | 3.65 | 9.48426 |
| 33450 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.46578 | No | 50.73518 | 3.65 | 9.46578 |
| 33451 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.57735 | No | 48.11018 | 3.65 | 8.57735 |
| 33452 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.39847 | No | 48.11018 | 3.65 | 8.39847 |
| 33453 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.56872 | No | 48.29768 | 3.65 | 8.56872 |
| 33454 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.38941 | No | 48.29768 | 3.65 | 8.38941 |
| 33455 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.56009 | No | 48.48518 | 3.65 | 8.56009 |
| 33456 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.38036 | No | 48.48518 | 3.65 | 8.38036 |
| 33457 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.55146 | No | 48.67268 | 3.65 | 8.55146 |
| 33458 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.3713 | No | 48.67268 | 3.65 | 8.3713 |
| 33459 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.54283 | No | 48.86018 | 3.65 | 8.54283 |
| 33460 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.36224 | No | 48.86018 | 3.65 | 8.36224 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33461 | GLOBAL | Cartesian | 49.04768 | 3.65 | 8.5342 | No | 49.04768 | 3.65 | 8.5342 |
| 33462 | GLOBAL | Cartesian | 49.04768 | 3.65 | 8.35318 | No | 49.04768 | 3.65 | 8.35318 |
| 33463 | GLOBAL | Cartesian | 49.23518 | 3.65 | 8.52557 | No | 49.23518 | 3.65 | 8.52557 |
| 33464 | GLOBAL | Cartesian | 49.23518 | 3.65 | 8.34412 | No | 49.23518 | 3.65 | 8.34412 |
| 33465 | GLOBAL | Cartesian | 49.42268 | 3.65 | 8.51693 | No | 49.42268 | 3.65 | 8.51693 |
| 33466 | GLOBAL | Cartesian | 49.42268 | 3.65 | 8.33506 | No | 49.42268 | 3.65 | 8.33506 |
| 33467 | GLOBAL | Cartesian | 49.61018 | 3.65 | 8.5083 | No | 49.61018 | 3.65 | 8.5083 |
| 33468 | GLOBAL | Cartesian | 49.61018 | 3.65 | 8.326 | No | 49.61018 | 3.65 | 8.326 |
| 33469 | GLOBAL | Cartesian | 49.79768 | 3.65 | 8.49967 | No | 49.79768 | 3.65 | 8.49967 |
| 33470 | GLOBAL | Cartesian | 49.79768 | 3.65 | 8.31694 | No | 49.79768 | 3.65 | 8.31694 |
| 33471 | GLOBAL | Cartesian | 49.98518 | 3.65 | 8.49104 | No | 49.98518 | 3.65 | 8.49104 |
| 33472 | GLOBAL | Cartesian | 49.98518 | 3.65 | 8.30789 | No | 49.98518 | 3.65 | 8.30789 |
| 33473 | GLOBAL | Cartesian | 50.17268 | 3.65 | 8.48241 | No | 50.17268 | 3.65 | 8.48241 |
| 33474 | GLOBAL | Cartesian | 50.17268 | 3.65 | 8.29883 | No | 50.17268 | 3.65 | 8.29883 |
| 33475 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.47378 | No | 50.36018 | 3.65 | 8.47378 |
| 33476 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.28977 | No | 50.36018 | 3.65 | 8.28977 |
| 33477 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.46515 | No | 50.54768 | 3.65 | 8.46515 |
| 33478 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.28071 | No | 50.54768 | 3.65 | 8.28071 |
| 33479 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.45652 | No | 50.73518 | 3.65 | 8.45652 |
| 33480 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.27165 | No | 50.73518 | 3.65 | 8.27165 |
| 33481 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.21959 | No | 48.11018 | 3.65 | 8.21959 |
| 33482 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.21011 | No | 48.29768 | 3.65 | 8.21011 |
| 33483 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.20062 | No | 48.48518 | 3.65 | 8.20062 |
| 33484 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.19113 | No | 48.67268 | 3.65 | 8.19113 |
| 33485 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.18165 | No | 48.86018 | 3.65 | 8.18165 |
| 33486 | GLOBAL | Cartesian | 49.04768 | 3.65 | 8.17216 | No | 49.04768 | 3.65 | 8.17216 |
| 33487 | GLOBAL | Cartesian | 49.23518 | 3.65 | 8.16267 | No | 49.23518 | 3.65 | 8.16267 |
| 33488 | GLOBAL | Cartesian | 49.42268 | 3.65 | 8.15319 | No | 49.42268 | 3.65 | 8.15319 |
| 33489 | GLOBAL | Cartesian | 49.61018 | 3.65 | 8.1437 | No | 49.61018 | 3.65 | 8.1437 |
| 33490 | GLOBAL | Cartesian | 49.79768 | 3.65 | 8.13421 | No | 49.79768 | 3.65 | 8.13421 |
| 33491 | GLOBAL | Cartesian | 49.98518 | 3.65 | 8.12473 | No | 49.98518 | 3.65 | 8.12473 |
| 33492 | GLOBAL | Cartesian | 50.17268 | 3.65 | 8.11524 | No | 50.17268 | 3.65 | 8.11524 |
| 33493 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.10575 | No | 50.36018 | 3.65 | 8.10575 |
| 33494 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.09627 | No | 50.54768 | 3.65 | 8.09627 |
| 33495 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.08678 | No | 50.73518 | 3.65 | 8.08678 |
| 33496 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.53336 | No | 48.11018 | 3.65 | 9.53336 |
| 33497 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.51651 | No | 48.29768 | 3.65 | 9.51651 |
| 33498 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.49967 | No | 48.48518 | 3.65 | 9.49967 |
| 33499 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.48283 | No | 48.67268 | 3.65 | 9.48283 |
| 33500 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.46599 | No | 48.86018 | 3.65 | 9.46599 |
| 33501 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.44915 | No | 49.04768 | 3.65 | 9.44915 |
| 33502 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.4323 | No | 49.23518 | 3.65 | 9.4323 |
| 33503 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.41546 | No | 49.42268 | 3.65 | 9.41546 |
| 33504 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.39862 | No | 49.61018 | 3.65 | 9.39862 |
| 33505 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.38178 | No | 49.79768 | 3.65 | 9.38178 |
| 33506 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.36494 | No | 49.98518 | 3.65 | 9.36494 |
| 33507 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.34809 | No | 50.17268 | 3.65 | 9.34809 |
| 33508 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.33125 | No | 50.36018 | 3.65 | 9.33125 |
| 33509 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.31441 | No | 50.54768 | 3.65 | 9.31441 |
| 33510 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.29757 | No | 50.73518 | 3.65 | 9.29757 |
| 33511 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.34216 | No | 48.11018 | 3.65 | 9.34216 |
| 33512 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.32696 | No | 48.29768 | 3.65 | 9.32696 |
| 33513 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.31176 | No | 48.48518 | 3.65 | 9.31176 |
| 33514 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.29656 | No | 48.67268 | 3.65 | 9.29656 |
| 33515 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.28136 | No | 48.86018 | 3.65 | 9.28136 |
| 33516 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.26616 | No | 49.04768 | 3.65 | 9.26616 |
| 33517 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.25096 | No | 49.23518 | 3.65 | 9.25096 |
| 33518 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.23576 | No | 49.42268 | 3.65 | 9.23576 |
| 33519 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.22056 | No | 49.61018 | 3.65 | 9.22056 |
| 33520 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.20536 | No | 49.79768 | 3.65 | 9.20536 |
| 33521 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.19016 | No | 49.98518 | 3.65 | 9.19016 |
| 33522 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.17496 | No | 50.17268 | 3.65 | 9.17496 |
| 33523 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.15976 | No | 50.36018 | 3.65 | 9.15976 |
| 33524 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.14456 | No | 50.54768 | 3.65 | 9.14456 |
| 33525 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.12936 | No | 50.73518 | 3.65 | 9.12936 |
| 33526 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.15095 | No | 48.11018 | 3.65 | 9.15095 |
| 33527 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.1374 | No | 48.29768 | 3.65 | 9.1374 |
| 33528 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.12384 | No | 48.48518 | 3.65 | 9.12384 |
| 33529 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.11028 | No | 48.67268 | 3.65 | 9.11028 |
| 33530 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.09672 | No | 48.86018 | 3.65 | 9.09672 |
| 33531 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.08317 | No | 49.04768 | 3.65 | 9.08317 |
| 33532 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.06961 | No | 49.23518 | 3.65 | 9.06961 |
| 33533 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.05605 | No | 49.42268 | 3.65 | 9.05605 |
| 33534 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.04249 | No | 49.61018 | 3.65 | 9.04249 |
| 33535 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.02894 | No | 49.79768 | 3.65 | 9.02894 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33536 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.01538 | No | 49.98518 | 3.65 | 9.01538 |
| 33537 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.00182 | No | 50.17268 | 3.65 | 9.00182 |
| 33538 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.98826 | No | 50.36018 | 3.65 | 8.98826 |
| 33539 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.97471 | No | 50.54768 | 3.65 | 8.97471 |
| 33540 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.96115 | No | 50.73518 | 3.65 | 8.96115 |
| 33541 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.95975 | No | 48.11018 | 3.65 | 8.95975 |
| 33542 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.94784 | No | 48.29768 | 3.65 | 8.94784 |
| 33543 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.93592 | No | 48.48518 | 3.65 | 8.93592 |
| 33544 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.92401 | No | 48.67268 | 3.65 | 8.92401 |
| 33545 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.91209 | No | 48.86018 | 3.65 | 8.91209 |
| 33546 | GLOBAL | Cartesian | 49.04768 | 3.65 | 8.90018 | No | 49.04768 | 3.65 | 8.90018 |
| 33547 | GLOBAL | Cartesian | 49.23518 | 3.65 | 8.88826 | No | 49.23518 | 3.65 | 8.88826 |
| 33548 | GLOBAL | Cartesian | 49.42268 | 3.65 | 8.87635 | No | 49.42268 | 3.65 | 8.87635 |
| 33549 | GLOBAL | Cartesian | 49.61018 | 3.65 | 8.86443 | No | 49.61018 | 3.65 | 8.86443 |
| 33550 | GLOBAL | Cartesian | 49.79768 | 3.65 | 8.85252 | No | 49.79768 | 3.65 | 8.85252 |
| 33551 | GLOBAL | Cartesian | 49.98518 | 3.65 | 8.8406 | No | 49.98518 | 3.65 | 8.8406 |
| 33552 | GLOBAL | Cartesian | 50.17268 | 3.65 | 8.82868 | No | 50.17268 | 3.65 | 8.82868 |
| 33553 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.81677 | No | 50.36018 | 3.65 | 8.81677 |
| 33554 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.80485 | No | 50.54768 | 3.65 | 8.80485 |
| 33555 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.79294 | No | 50.73518 | 3.65 | 8.79294 |
| 33556 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.78555 | No | 48.11018 | 3.65 | 8.78555 |
| 33557 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.75828 | No | 48.29768 | 3.65 | 8.75828 |
| 33558 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.74801 | No | 48.48518 | 3.65 | 8.74801 |
| 33559 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.73773 | No | 48.67268 | 3.65 | 8.73773 |
| 33560 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.72746 | No | 48.86018 | 3.65 | 8.72746 |
| 33561 | GLOBAL | Cartesian | 49.04768 | 3.65 | 8.71719 | No | 49.04768 | 3.65 | 8.71719 |
| 33562 | GLOBAL | Cartesian | 49.23518 | 3.65 | 8.70691 | No | 49.23518 | 3.65 | 8.70691 |
| 33563 | GLOBAL | Cartesian | 49.42268 | 3.65 | 8.69664 | No | 49.42268 | 3.65 | 8.69664 |
| 33564 | GLOBAL | Cartesian | 49.61018 | 3.65 | 8.68637 | No | 49.61018 | 3.65 | 8.68637 |
| 33565 | GLOBAL | Cartesian | 49.79768 | 3.65 | 8.67609 | No | 49.79768 | 3.65 | 8.67609 |
| 33566 | GLOBAL | Cartesian | 49.98518 | 3.65 | 8.66582 | No | 49.98518 | 3.65 | 8.66582 |
| 33567 | GLOBAL | Cartesian | 50.17268 | 3.65 | 8.65555 | No | 50.17268 | 3.65 | 8.65555 |
| 33568 | GLOBAL | Cartesian | 50.36018 | 3.65 | 8.64527 | No | 50.36018 | 3.65 | 8.64527 |
| 33569 | GLOBAL | Cartesian | 50.54768 | 3.65 | 8.635 | No | 50.54768 | 3.65 | 8.635 |
| 33570 | GLOBAL | Cartesian | 50.73518 | 3.65 | 8.62473 | No | 50.73518 | 3.65 | 8.62473 |
| 33571 | GLOBAL | Cartesian | 48.11018 | 3.65 | 8.04072 | No | 48.11018 | 3.65 | 8.04072 |
| 33572 | GLOBAL | Cartesian | 48.29768 | 3.65 | 8.0308 | No | 48.29768 | 3.65 | 8.0308 |
| 33573 | GLOBAL | Cartesian | 48.48518 | 3.65 | 8.02089 | No | 48.48518 | 3.65 | 8.02089 |
| 33574 | GLOBAL | Cartesian | 48.67268 | 3.65 | 8.01097 | No | 48.67268 | 3.65 | 8.01097 |
| 33575 | GLOBAL | Cartesian | 48.86018 | 3.65 | 8.00106 | No | 48.86018 | 3.65 | 8.00106 |
| 33576 | GLOBAL | Cartesian | 49.04768 | 3.65 | 7.99114 | No | 49.04768 | 3.65 | 7.99114 |
| 33577 | GLOBAL | Cartesian | 49.23518 | 3.65 | 7.98123 | No | 49.23518 | 3.65 | 7.98123 |
| 33578 | GLOBAL | Cartesian | 49.42268 | 3.65 | 7.97132 | No | 49.42268 | 3.65 | 7.97132 |
| 33579 | GLOBAL | Cartesian | 49.61018 | 3.65 | 7.9614 | No | 49.61018 | 3.65 | 7.9614 |
| 33580 | GLOBAL | Cartesian | 49.79768 | 3.65 | 7.95149 | No | 49.79768 | 3.65 | 7.95149 |
| 33581 | GLOBAL | Cartesian | 49.98518 | 3.65 | 7.94157 | No | 49.98518 | 3.65 | 7.94157 |
| 33582 | GLOBAL | Cartesian | 50.17268 | 3.65 | 7.93166 | No | 50.17268 | 3.65 | 7.93166 |
| 33583 | GLOBAL | Cartesian | 50.36018 | 3.65 | 7.92174 | No | 50.36018 | 3.65 | 7.92174 |
| 33584 | GLOBAL | Cartesian | 50.54768 | 3.65 | 7.91183 | No | 50.54768 | 3.65 | 7.91183 |
| 33585 | GLOBAL | Cartesian | 50.73518 | 3.65 | 7.90192 | No | 50.73518 | 3.65 | 7.90192 |
| 33586 | GLOBAL | Cartesian | 48.11179 | 3.65 | 7.86176 | No | 48.11179 | 3.65 | 7.86176 |
| 33587 | GLOBAL | Cartesian | 48.29918 | 3.65 | 7.85142 | No | 48.29918 | 3.65 | 7.85142 |
| 33588 | GLOBAL | Cartesian | 48.48657 | 3.65 | 7.84107 | No | 48.48657 | 3.65 | 7.84107 |
| 33589 | GLOBAL | Cartesian | 48.67397 | 3.65 | 7.83073 | No | 48.67397 | 3.65 | 7.83073 |
| 33590 | GLOBAL | Cartesian | 48.86136 | 3.65 | 7.82039 | No | 48.86136 | 3.65 | 7.82039 |
| 33591 | GLOBAL | Cartesian | 49.04875 | 3.65 | 7.81004 | No | 49.04875 | 3.65 | 7.81004 |
| 33592 | GLOBAL | Cartesian | 49.23614 | 3.65 | 7.7997 | No | 49.23614 | 3.65 | 7.7997 |
| 33593 | GLOBAL | Cartesian | 49.42354 | 3.65 | 7.78936 | No | 49.42354 | 3.65 | 7.78936 |
| 33594 | GLOBAL | Cartesian | 49.61093 | 3.65 | 7.77902 | No | 49.61093 | 3.65 | 7.77902 |
| 33595 | GLOBAL | Cartesian | 49.79832 | 3.65 | 7.76867 | No | 49.79832 | 3.65 | 7.76867 |
| 33596 | GLOBAL | Cartesian | 49.98572 | 3.65 | 7.75833 | No | 49.98572 | 3.65 | 7.75833 |
| 33597 | GLOBAL | Cartesian | 50.17311 | 3.65 | 7.74799 | No | 50.17311 | 3.65 | 7.74799 |
| 33598 | GLOBAL | Cartesian | 50.3605 | 3.65 | 7.73764 | No | 50.3605 | 3.65 | 7.73764 |
| 33599 | GLOBAL | Cartesian | 50.54789 | 3.65 | 7.7273 | No | 50.54789 | 3.65 | 7.7273 |
| 33600 | GLOBAL | Cartesian | 50.73529 | 3.65 | 7.71696 | No | 50.73529 | 3.65 | 7.71696 |
| 33601 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.43926 | No | 51.11018 | 3.65 | 8.43926 |
| 33602 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.25331 | No | 51.11018 | 3.65 | 8.25331 |
| 33603 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.43063 | No | 51.29768 | 3.65 | 8.43063 |
| 33604 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.24402 | No | 51.29768 | 3.65 | 8.24402 |
| 33605 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.42199 | No | 51.48518 | 3.65 | 8.42199 |
| 33606 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.23473 | No | 51.48518 | 3.65 | 8.23473 |
| 33607 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.41336 | No | 51.67268 | 3.65 | 8.41336 |
| 33608 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.22545 | No | 51.67268 | 3.65 | 8.22545 |
| 33609 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.40473 | No | 51.86018 | 3.65 | 8.40473 |
| 33610 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.21616 | No | 51.86018 | 3.65 | 8.21616 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33611 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.3961 | No | 52.04768 | 3.65 | 8.3961 |
| 33612 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.20688 | No | 52.04768 | 3.65 | 8.20688 |
| 33613 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.38747 | No | 52.23518 | 3.65 | 8.38747 |
| 33614 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.19759 | No | 52.23518 | 3.65 | 8.19759 |
| 33615 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.37884 | No | 52.42268 | 3.65 | 8.37884 |
| 33616 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.18831 | No | 52.42268 | 3.65 | 8.18831 |
| 33617 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.37021 | No | 52.61018 | 3.65 | 8.37021 |
| 33618 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.17902 | No | 52.61018 | 3.65 | 8.17902 |
| 33619 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.36158 | No | 52.79768 | 3.65 | 8.36158 |
| 33620 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.16973 | No | 52.79768 | 3.65 | 8.16973 |
| 33621 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.35295 | No | 52.98518 | 3.65 | 8.35295 |
| 33622 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.16045 | No | 52.98518 | 3.65 | 8.16045 |
| 33623 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.34432 | No | 53.17268 | 3.65 | 8.34432 |
| 33624 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.15116 | No | 53.17268 | 3.65 | 8.15116 |
| 33625 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.33569 | No | 53.36018 | 3.65 | 8.33569 |
| 33626 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.14188 | No | 53.36018 | 3.65 | 8.14188 |
| 33627 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.32705 | No | 53.54768 | 3.65 | 8.32705 |
| 33628 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.13259 | No | 53.54768 | 3.65 | 8.13259 |
| 33629 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.31842 | No | 53.73518 | 3.65 | 8.31842 |
| 33630 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.12331 | No | 53.73518 | 3.65 | 8.12331 |
| 33631 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.06735 | No | 51.11018 | 3.65 | 8.06735 |
| 33632 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.05741 | No | 51.29768 | 3.65 | 8.05741 |
| 33633 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.04747 | No | 51.48518 | 3.65 | 8.04747 |
| 33634 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.03753 | No | 51.67268 | 3.65 | 8.03753 |
| 33635 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.02759 | No | 51.86018 | 3.65 | 8.02759 |
| 33636 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.01765 | No | 52.04768 | 3.65 | 8.01765 |
| 33637 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.00771 | No | 52.23518 | 3.65 | 8.00771 |
| 33638 | GLOBAL | Cartesian | 52.42268 | 3.65 | 7.99777 | No | 52.42268 | 3.65 | 7.99777 |
| 33639 | GLOBAL | Cartesian | 52.61018 | 3.65 | 7.98783 | No | 52.61018 | 3.65 | 7.98783 |
| 33640 | GLOBAL | Cartesian | 52.79768 | 3.65 | 7.97789 | No | 52.79768 | 3.65 | 7.97789 |
| 33641 | GLOBAL | Cartesian | 52.98518 | 3.65 | 7.96795 | No | 52.98518 | 3.65 | 7.96795 |
| 33642 | GLOBAL | Cartesian | 53.17268 | 3.65 | 7.95801 | No | 53.17268 | 3.65 | 7.95801 |
| 33643 | GLOBAL | Cartesian | 53.36018 | 3.65 | 7.94807 | No | 53.36018 | 3.65 | 7.94807 |
| 33644 | GLOBAL | Cartesian | 53.54768 | 3.65 | 7.93813 | No | 53.54768 | 3.65 | 7.93813 |
| 33645 | GLOBAL | Cartesian | 53.73518 | 3.65 | 7.92819 | No | 53.73518 | 3.65 | 7.92819 |
| 33646 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.62978 | No | 51.11018 | 3.65 | 9.62978 |
| 33647 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.5293 | No | 51.11018 | 3.65 | 9.5293 |
| 33648 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.6113 | No | 51.29768 | 3.65 | 9.6113 |
| 33649 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.51081 | No | 51.29768 | 3.65 | 9.51081 |
| 33650 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.59281 | No | 51.48518 | 3.65 | 9.59281 |
| 33651 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.49233 | No | 51.48518 | 3.65 | 9.49233 |
| 33652 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.57433 | No | 51.67268 | 3.65 | 9.57433 |
| 33653 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.47384 | No | 51.67268 | 3.65 | 9.47384 |
| 33654 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.55584 | No | 51.86018 | 3.65 | 9.55584 |
| 33655 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.45536 | No | 51.86018 | 3.65 | 9.45536 |
| 33656 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.53736 | No | 52.04768 | 3.65 | 9.53736 |
| 33657 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.43687 | No | 52.04768 | 3.65 | 9.43687 |
| 33658 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.51888 | No | 52.23518 | 3.65 | 9.51888 |
| 33659 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.41839 | No | 52.23518 | 3.65 | 9.41839 |
| 33660 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.50039 | No | 52.42268 | 3.65 | 9.50039 |
| 33661 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.39991 | No | 52.42268 | 3.65 | 9.39991 |
| 33662 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.48191 | No | 52.61018 | 3.65 | 9.48191 |
| 33663 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.38142 | No | 52.61018 | 3.65 | 9.38142 |
| 33664 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.46342 | No | 52.79768 | 3.65 | 9.46342 |
| 33665 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.36294 | No | 52.79768 | 3.65 | 9.36294 |
| 33666 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.44494 | No | 52.98518 | 3.65 | 9.44494 |
| 33667 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.34445 | No | 52.98518 | 3.65 | 9.34445 |
| 33668 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.42645 | No | 53.17268 | 3.65 | 9.42645 |
| 33669 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.32597 | No | 53.17268 | 3.65 | 9.32597 |
| 33670 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.40797 | No | 53.36018 | 3.65 | 9.40797 |
| 33671 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.30749 | No | 53.36018 | 3.65 | 9.30749 |
| 33672 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.38949 | No | 53.54768 | 3.65 | 9.38949 |
| 33673 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.289 | No | 53.54768 | 3.65 | 9.289 |
| 33674 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.371 | No | 53.73518 | 3.65 | 9.371 |
| 33675 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.27052 | No | 53.73518 | 3.65 | 9.27052 |
| 33676 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.42881 | No | 51.11018 | 3.65 | 9.42881 |
| 33677 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.41033 | No | 51.29768 | 3.65 | 9.41033 |
| 33678 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.39184 | No | 51.48518 | 3.65 | 9.39184 |
| 33679 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.37336 | No | 51.67268 | 3.65 | 9.37336 |
| 33680 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.35487 | No | 51.86018 | 3.65 | 9.35487 |
| 33681 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.33639 | No | 52.04768 | 3.65 | 9.33639 |
| 33682 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.31791 | No | 52.23518 | 3.65 | 9.31791 |
| 33683 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.29942 | No | 52.42268 | 3.65 | 9.29942 |
| 33684 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.28094 | No | 52.61018 | 3.65 | 9.28094 |
| 33685 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.26245 | No | 52.79768 | 3.65 | 9.26245 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33686 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.24397 | No | 52.98518 | 3.65 | 9.24397 |
| 33687 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.22549 | No | 53.17268 | 3.65 | 9.22549 |
| 33688 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.207 | No | 53.36018 | 3.65 | 9.207 |
| 33689 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.18852 | No | 53.54768 | 3.65 | 9.18852 |
| 33690 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.17003 | No | 53.73518 | 3.65 | 9.17003 |
| 33691 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.26389 | No | 51.11018 | 3.65 | 9.26389 |
| 33692 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.24704 | No | 51.29768 | 3.65 | 9.24704 |
| 33693 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.2302 | No | 51.48518 | 3.65 | 9.2302 |
| 33694 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.21336 | No | 51.67268 | 3.65 | 9.21336 |
| 33695 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.19652 | No | 51.86018 | 3.65 | 9.19652 |
| 33696 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.17968 | No | 52.04768 | 3.65 | 9.17968 |
| 33697 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.16283 | No | 52.23518 | 3.65 | 9.16283 |
| 33698 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.14599 | No | 52.42268 | 3.65 | 9.14599 |
| 33699 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.12915 | No | 52.61018 | 3.65 | 9.12915 |
| 33700 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.11231 | No | 52.79768 | 3.65 | 9.11231 |
| 33701 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.09547 | No | 52.98518 | 3.65 | 9.09547 |
| 33702 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.07862 | No | 53.17268 | 3.65 | 9.07862 |
| 33703 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.06178 | No | 53.36018 | 3.65 | 9.06178 |
| 33704 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.04494 | No | 53.54768 | 3.65 | 9.04494 |
| 33705 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.0281 | No | 53.73518 | 3.65 | 9.0281 |
| 33706 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.09896 | No | 51.11018 | 3.65 | 9.09896 |
| 33707 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.08376 | No | 51.29768 | 3.65 | 9.08376 |
| 33708 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.06856 | No | 51.48518 | 3.65 | 9.06856 |
| 33709 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.05336 | No | 51.67268 | 3.65 | 9.05336 |
| 33710 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.03816 | No | 51.86018 | 3.65 | 9.03816 |
| 33711 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.02296 | No | 52.04768 | 3.65 | 9.02296 |
| 33712 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.00776 | No | 52.23518 | 3.65 | 9.00776 |
| 33713 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.99256 | No | 52.42268 | 3.65 | 8.99256 |
| 33714 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.97736 | No | 52.61018 | 3.65 | 8.97736 |
| 33715 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.96216 | No | 52.79768 | 3.65 | 8.96216 |
| 33716 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.94696 | No | 52.98518 | 3.65 | 8.94696 |
| 33717 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.93176 | No | 53.17268 | 3.65 | 8.93176 |
| 33718 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.91656 | No | 53.36018 | 3.65 | 8.91656 |
| 33719 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.90136 | No | 53.54768 | 3.65 | 8.90136 |
| 33720 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.88616 | No | 53.73518 | 3.65 | 8.88616 |
| 33721 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.93403 | No | 51.11018 | 3.65 | 8.93403 |
| 33722 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.92048 | No | 51.29768 | 3.65 | 8.92048 |
| 33723 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.90692 | No | 51.48518 | 3.65 | 8.90692 |
| 33724 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.89336 | No | 51.67268 | 3.65 | 8.89336 |
| 33725 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.8798 | No | 51.86018 | 3.65 | 8.8798 |
| 33726 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.86625 | No | 52.04768 | 3.65 | 8.86625 |
| 33727 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.85269 | No | 52.23518 | 3.65 | 8.85269 |
| 33728 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.83913 | No | 52.42268 | 3.65 | 8.83913 |
| 33729 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.82557 | No | 52.61018 | 3.65 | 8.82557 |
| 33730 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.81202 | No | 52.79768 | 3.65 | 8.81202 |
| 33731 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.79846 | No | 52.98518 | 3.65 | 8.79846 |
| 33732 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.7849 | No | 53.17268 | 3.65 | 8.7849 |
| 33733 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.77134 | No | 53.36018 | 3.65 | 8.77134 |
| 33734 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.75779 | No | 53.54768 | 3.65 | 8.75779 |
| 33735 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.74423 | No | 53.73518 | 3.65 | 8.74423 |
| 33736 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.76911 | No | 51.11018 | 3.65 | 8.76911 |
| 33737 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.75719 | No | 51.29768 | 3.65 | 8.75719 |
| 33738 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.74528 | No | 51.48518 | 3.65 | 8.74528 |
| 33739 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.73336 | No | 51.67268 | 3.65 | 8.73336 |
| 33740 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.72145 | No | 51.86018 | 3.65 | 8.72145 |
| 33741 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.70953 | No | 52.04768 | 3.65 | 8.70953 |
| 33742 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.69762 | No | 52.23518 | 3.65 | 8.69762 |
| 33743 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.6857 | No | 52.42268 | 3.65 | 8.6857 |
| 33744 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.67379 | No | 52.61018 | 3.65 | 8.67379 |
| 33745 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.66187 | No | 52.79768 | 3.65 | 8.66187 |
| 33746 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.64995 | No | 52.98518 | 3.65 | 8.64995 |
| 33747 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.63804 | No | 53.17268 | 3.65 | 8.63804 |
| 33748 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.62612 | No | 53.36018 | 3.65 | 8.62612 |
| 33749 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.61421 | No | 53.54768 | 3.65 | 8.61421 |
| 33750 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.60229 | No | 53.73518 | 3.65 | 8.60229 |
| 33751 | GLOBAL | Cartesian | 51.11018 | 3.65 | 8.60418 | No | 51.11018 | 3.65 | 8.60418 |
| 33752 | GLOBAL | Cartesian | 51.29768 | 3.65 | 8.59391 | No | 51.29768 | 3.65 | 8.59391 |
| 33753 | GLOBAL | Cartesian | 51.48518 | 3.65 | 8.58364 | No | 51.48518 | 3.65 | 8.58364 |
| 33754 | GLOBAL | Cartesian | 51.67268 | 3.65 | 8.57336 | No | 51.67268 | 3.65 | 8.57336 |
| 33755 | GLOBAL | Cartesian | 51.86018 | 3.65 | 8.56309 | No | 51.86018 | 3.65 | 8.56309 |
| 33756 | GLOBAL | Cartesian | 52.04768 | 3.65 | 8.55282 | No | 52.04768 | 3.65 | 8.55282 |
| 33757 | GLOBAL | Cartesian | 52.23518 | 3.65 | 8.54254 | No | 52.23518 | 3.65 | 8.54254 |
| 33758 | GLOBAL | Cartesian | 52.42268 | 3.65 | 8.53227 | No | 52.42268 | 3.65 | 8.53227 |
| 33759 | GLOBAL | Cartesian | 52.61018 | 3.65 | 8.522 | No | 52.61018 | 3.65 | 8.522 |
| 33760 | GLOBAL | Cartesian | 52.79768 | 3.65 | 8.51172 | No | 52.79768 | 3.65 | 8.51172 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33761 | GLOBAL | Cartesian | 52.98518 | 3.65 | 8.50145 | No | 52.98518 | 3.65 | 8.50145 |
| 33762 | GLOBAL | Cartesian | 53.17268 | 3.65 | 8.49118 | No | 53.17268 | 3.65 | 8.49118 |
| 33763 | GLOBAL | Cartesian | 53.36018 | 3.65 | 8.4809 | No | 53.36018 | 3.65 | 8.4809 |
| 33764 | GLOBAL | Cartesian | 53.54768 | 3.65 | 8.47063 | No | 53.54768 | 3.65 | 8.47063 |
| 33765 | GLOBAL | Cartesian | 53.73518 | 3.65 | 8.46036 | No | 53.73518 | 3.65 | 8.46036 |
| 33766 | GLOBAL | Cartesian | 51.11018 | 3.65 | 7.88141 | No | 51.11018 | 3.65 | 7.88141 |
| 33767 | GLOBAL | Cartesian | 51.29768 | 3.65 | 7.87081 | No | 51.29768 | 3.65 | 7.87081 |
| 33768 | GLOBAL | Cartesian | 51.48518 | 3.65 | 7.86022 | No | 51.48518 | 3.65 | 7.86022 |
| 33769 | GLOBAL | Cartesian | 51.67268 | 3.65 | 7.84962 | No | 51.67268 | 3.65 | 7.84962 |
| 33770 | GLOBAL | Cartesian | 51.86018 | 3.65 | 7.83903 | No | 51.86018 | 3.65 | 7.83903 |
| 33771 | GLOBAL | Cartesian | 52.04768 | 3.65 | 7.82843 | No | 52.04768 | 3.65 | 7.82843 |
| 33772 | GLOBAL | Cartesian | 52.23518 | 3.65 | 7.81784 | No | 52.23518 | 3.65 | 7.81784 |
| 33773 | GLOBAL | Cartesian | 52.42268 | 3.65 | 7.80724 | No | 52.42268 | 3.65 | 7.80724 |
| 33774 | GLOBAL | Cartesian | 52.61018 | 3.65 | 7.79665 | No | 52.61018 | 3.65 | 7.79665 |
| 33775 | GLOBAL | Cartesian | 52.79768 | 3.65 | 7.78605 | No | 52.79768 | 3.65 | 7.78605 |
| 33776 | GLOBAL | Cartesian | 52.98518 | 3.65 | 7.77546 | No | 52.98518 | 3.65 | 7.77546 |
| 33777 | GLOBAL | Cartesian | 53.17268 | 3.65 | 7.76486 | No | 53.17268 | 3.65 | 7.76486 |
| 33778 | GLOBAL | Cartesian | 53.36018 | 3.65 | 7.75427 | No | 53.36018 | 3.65 | 7.75427 |
| 33779 | GLOBAL | Cartesian | 53.54768 | 3.65 | 7.74367 | No | 53.54768 | 3.65 | 7.74367 |
| 33780 | GLOBAL | Cartesian | 53.73518 | 3.65 | 7.73308 | No | 53.73518 | 3.65 | 7.73308 |
| 33781 | GLOBAL | Cartesian | 51.11018 | 3.65 | 7.69537 | No | 51.11018 | 3.65 | 7.69537 |
| 33782 | GLOBAL | Cartesian | 51.29768 | 3.65 | 7.68412 | No | 51.29768 | 3.65 | 7.68412 |
| 33783 | GLOBAL | Cartesian | 51.48518 | 3.65 | 7.67287 | No | 51.48518 | 3.65 | 7.67287 |
| 33784 | GLOBAL | Cartesian | 51.67268 | 3.65 | 7.66162 | No | 51.67268 | 3.65 | 7.66162 |
| 33785 | GLOBAL | Cartesian | 51.86018 | 3.65 | 7.65037 | No | 51.86018 | 3.65 | 7.65037 |
| 33786 | GLOBAL | Cartesian | 52.04768 | 3.65 | 7.63912 | No | 52.04768 | 3.65 | 7.63912 |
| 33787 | GLOBAL | Cartesian | 52.23518 | 3.65 | 7.62787 | No | 52.23518 | 3.65 | 7.62787 |
| 33788 | GLOBAL | Cartesian | 52.42268 | 3.65 | 7.61662 | No | 52.42268 | 3.65 | 7.61662 |
| 33789 | GLOBAL | Cartesian | 52.61018 | 3.65 | 7.60537 | No | 52.61018 | 3.65 | 7.60537 |
| 33790 | GLOBAL | Cartesian | 52.79768 | 3.65 | 7.59412 | No | 52.79768 | 3.65 | 7.59412 |
| 33791 | GLOBAL | Cartesian | 52.98518 | 3.65 | 7.58287 | No | 52.98518 | 3.65 | 7.58287 |
| 33792 | GLOBAL | Cartesian | 53.17268 | 3.65 | 7.57162 | No | 53.17268 | 3.65 | 7.57162 |
| 33793 | GLOBAL | Cartesian | 53.36018 | 3.65 | 7.56037 | No | 53.36018 | 3.65 | 7.56037 |
| 33794 | GLOBAL | Cartesian | 53.54768 | 3.65 | 7.54912 | No | 53.54768 | 3.65 | 7.54912 |
| 33795 | GLOBAL | Cartesian | 53.73518 | 3.65 | 7.53787 | No | 53.73518 | 3.65 | 7.53787 |
| 33796 | GLOBAL | Cartesian | 32.62982 | 3.65 | 11.35113 | No | 32.62982 | 3.65 | 11.35113 |
| 33797 | GLOBAL | Cartesian | 32.62982 | 3.65 | 11.45161 | No | 32.62982 | 3.65 | 11.45161 |
| 33798 | GLOBAL | Cartesian | 35.62982 | 3.65 | 11.05538 | No | 35.62982 | 3.65 | 11.05538 |
| 33799 | GLOBAL | Cartesian | 35.62982 | 3.65 | 11.15587 | No | 35.62982 | 3.65 | 11.15587 |
| 33800 | GLOBAL | Cartesian | 35.82268 | 3.65 | 10.83741 | No | 35.82268 | 3.65 | 10.83741 |
| 33801 | GLOBAL | Cartesian | 35.92268 | 3.65 | 10.82797 | No | 35.92268 | 3.65 | 10.82797 |
| 33802 | GLOBAL | Cartesian | 36.02268 | 3.65 | 10.81852 | No | 36.02268 | 3.65 | 10.81852 |
| 33803 | GLOBAL | Cartesian | 36.12268 | 3.65 | 10.80907 | No | 36.12268 | 3.65 | 10.80907 |
| 33804 | GLOBAL | Cartesian | 38.62982 | 3.65 | 10.75964 | No | 38.62982 | 3.65 | 10.75964 |
| 33805 | GLOBAL | Cartesian | 38.62982 | 3.65 | 10.86012 | No | 38.62982 | 3.65 | 10.86012 |
| 33806 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.57632 | No | 38.82268 | 3.65 | 10.57632 |
| 33807 | GLOBAL | Cartesian | 38.82268 | 3.65 | 10.51251 | No | 38.82268 | 3.65 | 10.51251 |
| 33808 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.56674 | No | 38.92268 | 3.65 | 10.56674 |
| 33809 | GLOBAL | Cartesian | 38.92268 | 3.65 | 10.50319 | No | 38.92268 | 3.65 | 10.50319 |
| 33810 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.55709 | No | 39.02323 | 3.65 | 10.55709 |
| 33811 | GLOBAL | Cartesian | 39.02323 | 3.65 | 10.49382 | No | 39.02323 | 3.65 | 10.49382 |
| 33812 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.54745 | No | 39.12377 | 3.65 | 10.54745 |
| 33813 | GLOBAL | Cartesian | 39.12377 | 3.65 | 10.48445 | No | 39.12377 | 3.65 | 10.48445 |
| 33814 | GLOBAL | Cartesian | 41.82258 | 3.65 | 10.28151 | No | 41.82258 | 3.65 | 10.28151 |
| 33815 | GLOBAL | Cartesian | 41.82259 | 3.65 | 10.21862 | No | 41.82259 | 3.65 | 10.21862 |
| 33816 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.27191 | No | 41.92268 | 3.65 | 10.27191 |
| 33817 | GLOBAL | Cartesian | 41.92268 | 3.65 | 10.20928 | No | 41.92268 | 3.65 | 10.20928 |
| 33818 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.2623 | No | 42.02285 | 3.65 | 10.2623 |
| 33819 | GLOBAL | Cartesian | 42.02285 | 3.65 | 10.19994 | No | 42.02285 | 3.65 | 10.19994 |
| 33820 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.25269 | No | 42.12302 | 3.65 | 10.25269 |
| 33821 | GLOBAL | Cartesian | 42.12302 | 3.65 | 10.1906 | No | 42.12302 | 3.65 | 10.1906 |
| 33822 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.98565 | No | 44.82258 | 3.65 | 9.98565 |
| 33823 | GLOBAL | Cartesian | 44.82258 | 3.65 | 9.92265 | No | 44.82258 | 3.65 | 9.92265 |
| 33824 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.97604 | No | 44.92268 | 3.65 | 9.97604 |
| 33825 | GLOBAL | Cartesian | 44.92268 | 3.65 | 9.9133 | No | 44.92268 | 3.65 | 9.9133 |
| 33826 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.96644 | No | 45.02268 | 3.65 | 9.96644 |
| 33827 | GLOBAL | Cartesian | 45.02268 | 3.65 | 9.90396 | No | 45.02268 | 3.65 | 9.90396 |
| 33828 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.95684 | No | 45.12268 | 3.65 | 9.95684 |
| 33829 | GLOBAL | Cartesian | 45.12268 | 3.65 | 9.89461 | No | 45.12268 | 3.65 | 9.89461 |
| 33830 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.68834 | No | 47.82258 | 3.65 | 9.68834 |
| 33831 | GLOBAL | Cartesian | 47.82258 | 3.65 | 9.62376 | No | 47.82258 | 3.65 | 9.62376 |
| 33832 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.67876 | No | 47.92268 | 3.65 | 9.67876 |
| 33833 | GLOBAL | Cartesian | 47.92268 | 3.65 | 9.61448 | No | 47.92268 | 3.65 | 9.61448 |
| 33834 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.66082 | No | 48.11018 | 3.65 | 9.66082 |
| 33835 | GLOBAL | Cartesian | 48.11018 | 3.65 | 9.59709 | No | 48.11018 | 3.65 | 9.59709 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33836 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.64289 | No | 48.29768 | 3.65 | 9.64289 |
| 33837 | GLOBAL | Cartesian | 48.29768 | 3.65 | 9.5797 | No | 48.29768 | 3.65 | 9.5797 |
| 33838 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.62495 | No | 48.48518 | 3.65 | 9.62495 |
| 33839 | GLOBAL | Cartesian | 48.48518 | 3.65 | 9.56231 | No | 48.48518 | 3.65 | 9.56231 |
| 33840 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.60701 | No | 48.67268 | 3.65 | 9.60701 |
| 33841 | GLOBAL | Cartesian | 48.67268 | 3.65 | 9.54492 | No | 48.67268 | 3.65 | 9.54492 |
| 33842 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.58908 | No | 48.86018 | 3.65 | 9.58908 |
| 33843 | GLOBAL | Cartesian | 48.86018 | 3.65 | 9.52753 | No | 48.86018 | 3.65 | 9.52753 |
| 33844 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.57114 | No | 49.04768 | 3.65 | 9.57114 |
| 33845 | GLOBAL | Cartesian | 49.04768 | 3.65 | 9.51014 | No | 49.04768 | 3.65 | 9.51014 |
| 33846 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.5532 | No | 49.23518 | 3.65 | 9.5532 |
| 33847 | GLOBAL | Cartesian | 49.23518 | 3.65 | 9.49275 | No | 49.23518 | 3.65 | 9.49275 |
| 33848 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.53527 | No | 49.42268 | 3.65 | 9.53527 |
| 33849 | GLOBAL | Cartesian | 49.42268 | 3.65 | 9.47536 | No | 49.42268 | 3.65 | 9.47536 |
| 33850 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.51733 | No | 49.61018 | 3.65 | 9.51733 |
| 33851 | GLOBAL | Cartesian | 49.61018 | 3.65 | 9.45798 | No | 49.61018 | 3.65 | 9.45798 |
| 33852 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.49939 | No | 49.79768 | 3.65 | 9.49939 |
| 33853 | GLOBAL | Cartesian | 49.79768 | 3.65 | 9.44059 | No | 49.79768 | 3.65 | 9.44059 |
| 33854 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.48146 | No | 49.98518 | 3.65 | 9.48146 |
| 33855 | GLOBAL | Cartesian | 49.98518 | 3.65 | 9.4232 | No | 49.98518 | 3.65 | 9.4232 |
| 33856 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.46352 | No | 50.17268 | 3.65 | 9.46352 |
| 33857 | GLOBAL | Cartesian | 50.17268 | 3.65 | 9.40581 | No | 50.17268 | 3.65 | 9.40581 |
| 33858 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.44558 | No | 50.36018 | 3.65 | 9.44558 |
| 33859 | GLOBAL | Cartesian | 50.36018 | 3.65 | 9.38842 | No | 50.36018 | 3.65 | 9.38842 |
| 33860 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.42765 | No | 50.54768 | 3.65 | 9.42765 |
| 33861 | GLOBAL | Cartesian | 50.54768 | 3.65 | 9.37103 | No | 50.54768 | 3.65 | 9.37103 |
| 33862 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.40971 | No | 50.73518 | 3.65 | 9.40971 |
| 33863 | GLOBAL | Cartesian | 50.73518 | 3.65 | 9.35364 | No | 50.73518 | 3.65 | 9.35364 |
| 33864 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.39177 | No | 50.92268 | 3.65 | 9.39177 |
| 33865 | GLOBAL | Cartesian | 50.92268 | 3.65 | 9.33625 | No | 50.92268 | 3.65 | 9.33625 |
| 33866 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.37384 | No | 51.11018 | 3.65 | 9.37384 |
| 33867 | GLOBAL | Cartesian | 51.11018 | 3.65 | 9.31886 | No | 51.11018 | 3.65 | 9.31886 |
| 33868 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.3559 | No | 51.29768 | 3.65 | 9.3559 |
| 33869 | GLOBAL | Cartesian | 51.29768 | 3.65 | 9.30147 | No | 51.29768 | 3.65 | 9.30147 |
| 33870 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.33796 | No | 51.48518 | 3.65 | 9.33796 |
| 33871 | GLOBAL | Cartesian | 51.48518 | 3.65 | 9.28408 | No | 51.48518 | 3.65 | 9.28408 |
| 33872 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.32003 | No | 51.67268 | 3.65 | 9.32003 |
| 33873 | GLOBAL | Cartesian | 51.67268 | 3.65 | 9.26669 | No | 51.67268 | 3.65 | 9.26669 |
| 33874 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.30209 | No | 51.86018 | 3.65 | 9.30209 |
| 33875 | GLOBAL | Cartesian | 51.86018 | 3.65 | 9.2493 | No | 51.86018 | 3.65 | 9.2493 |
| 33876 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.28415 | No | 52.04768 | 3.65 | 9.28415 |
| 33877 | GLOBAL | Cartesian | 52.04768 | 3.65 | 9.23191 | No | 52.04768 | 3.65 | 9.23191 |
| 33878 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.26622 | No | 52.23518 | 3.65 | 9.26622 |
| 33879 | GLOBAL | Cartesian | 52.23518 | 3.65 | 9.21452 | No | 52.23518 | 3.65 | 9.21452 |
| 33880 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.24828 | No | 52.42268 | 3.65 | 9.24828 |
| 33881 | GLOBAL | Cartesian | 52.42268 | 3.65 | 9.19713 | No | 52.42268 | 3.65 | 9.19713 |
| 33882 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.23034 | No | 52.61018 | 3.65 | 9.23034 |
| 33883 | GLOBAL | Cartesian | 52.61018 | 3.65 | 9.17975 | No | 52.61018 | 3.65 | 9.17975 |
| 33884 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.2124 | No | 52.79768 | 3.65 | 9.2124 |
| 33885 | GLOBAL | Cartesian | 52.79768 | 3.65 | 9.16236 | No | 52.79768 | 3.65 | 9.16236 |
| 33886 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.19447 | No | 52.98518 | 3.65 | 9.19447 |
| 33887 | GLOBAL | Cartesian | 52.98518 | 3.65 | 9.14497 | No | 52.98518 | 3.65 | 9.14497 |
| 33888 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.17653 | No | 53.17268 | 3.65 | 9.17653 |
| 33889 | GLOBAL | Cartesian | 53.17268 | 3.65 | 9.12758 | No | 53.17268 | 3.65 | 9.12758 |
| 33890 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.15859 | No | 53.36018 | 3.65 | 9.15859 |
| 33891 | GLOBAL | Cartesian | 53.36018 | 3.65 | 9.11019 | No | 53.36018 | 3.65 | 9.11019 |
| 33892 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.14066 | No | 53.54768 | 3.65 | 9.14066 |
| 33893 | GLOBAL | Cartesian | 53.54768 | 3.65 | 9.0928 | No | 53.54768 | 3.65 | 9.0928 |
| 33894 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.12272 | No | 53.73518 | 3.65 | 9.12272 |
| 33895 | GLOBAL | Cartesian | 53.73518 | 3.65 | 9.07541 | No | 53.73518 | 3.65 | 9.07541 |
| 33896 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.10478 | No | 53.92268 | 3.65 | 9.10478 |
| 33897 | GLOBAL | Cartesian | 53.92268 | 3.65 | 9.05802 | No | 53.92268 | 3.65 | 9.05802 |
| 33898 | GLOBAL | Cartesian | 44.44397 | 3.65 | 10.18647 | No | 44.44397 | 3.65 | 10.18647 |
| 33899 | GLOBAL | Cartesian | 44.45741 | 3.65 | 10.08465 | No | 44.45741 | 3.65 | 10.08465 |
| 33900 | GLOBAL | Cartesian | 44.44397 | 3.65 | 10.28695 | No | 44.44397 | 3.65 | 10.28695 |
| 33901 | GLOBAL | Cartesian | 32.66993 | 3.65 | 11.24669 | No | 32.66993 | 3.65 | 11.24669 |
| 33902 | GLOBAL | Cartesian | 32.66217 | 3.65 | 11.11591 | No | 32.66217 | 3.65 | 11.11591 |
| 33903 | GLOBAL | Cartesian | 32.67625 | 3.65 | 11.34655 | No | 32.67625 | 3.65 | 11.34655 |
| 33904 | GLOBAL | Cartesian | 32.67625 | 3.65 | 11.44704 | No | 32.67625 | 3.65 | 11.44704 |
| 33905 | GLOBAL | Cartesian | 31.60839 | 3.75 | 11.55231 | No | 31.60839 | 3.75 | 11.55231 |
| 33906 | GLOBAL | Cartesian | 31.42268 | 3.75 | 11.57062 | No | 31.42268 | 3.75 | 11.57062 |
| 33907 | GLOBAL | Cartesian | 31.60839 | 3.85 | 11.55231 | No | 31.60839 | 3.85 | 11.55231 |
| 33908 | GLOBAL | Cartesian | 31.42268 | 3.85 | 11.57062 | No | 31.42268 | 3.85 | 11.57062 |
| 33909 | GLOBAL | Cartesian | 31.79411 | 3.75 | 11.534 | No | 31.79411 | 3.75 | 11.534 |
| 33910 | GLOBAL | Cartesian | 31.79411 | 3.85 | 11.534 | No | 31.79411 | 3.85 | 11.534 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33911 | GLOBAL | Cartesian | 31.97982 | 3.75 | 11.51569 | No | 31.97982 | 3.75 | 11.51569 |
| 33912 | GLOBAL | Cartesian | 31.97982 | 3.85 | 11.51569 | No | 31.97982 | 3.85 | 11.51569 |
| 33913 | GLOBAL | Cartesian | 32.16554 | 3.75 | 11.49738 | No | 32.16554 | 3.75 | 11.49738 |
| 33914 | GLOBAL | Cartesian | 32.16554 | 3.85 | 11.49738 | No | 32.16554 | 3.85 | 11.49738 |
| 33915 | GLOBAL | Cartesian | 32.35125 | 3.75 | 11.47908 | No | 32.35125 | 3.75 | 11.47908 |
| 33916 | GLOBAL | Cartesian | 32.35125 | 3.85 | 11.47908 | No | 32.35125 | 3.85 | 11.47908 |
| 33917 | GLOBAL | Cartesian | 32.53696 | 3.75 | 11.46077 | No | 32.53696 | 3.75 | 11.46077 |
| 33918 | GLOBAL | Cartesian | 32.53696 | 3.85 | 11.46077 | No | 32.53696 | 3.85 | 11.46077 |
| 33919 | GLOBAL | Cartesian | 32.62982 | 3.75 | 11.45161 | No | 32.62982 | 3.75 | 11.45161 |
| 33920 | GLOBAL | Cartesian | 32.62982 | 3.85 | 11.45161 | No | 32.62982 | 3.85 | 11.45161 |
| 33921 | GLOBAL | Cartesian | 32.67625 | 3.75 | 11.44704 | No | 32.67625 | 3.75 | 11.44704 |
| 33922 | GLOBAL | Cartesian | 32.67625 | 3.85 | 11.44704 | No | 32.67625 | 3.85 | 11.44704 |
| 33923 | GLOBAL | Cartesian | 32.72268 | 3.75 | 11.44246 | No | 32.72268 | 3.75 | 11.44246 |
| 33924 | GLOBAL | Cartesian | 32.72268 | 3.85 | 11.44246 | No | 32.72268 | 3.85 | 11.44246 |
| 33925 | GLOBAL | Cartesian | 32.82268 | 3.75 | 11.4326 | No | 32.82268 | 3.75 | 11.4326 |
| 33926 | GLOBAL | Cartesian | 32.82268 | 3.85 | 11.4326 | No | 32.82268 | 3.85 | 11.4326 |
| 33927 | GLOBAL | Cartesian | 32.92268 | 3.75 | 11.42274 | No | 32.92268 | 3.75 | 11.42274 |
| 33928 | GLOBAL | Cartesian | 32.92268 | 3.85 | 11.42274 | No | 32.92268 | 3.85 | 11.42274 |
| 33929 | GLOBAL | Cartesian | 33.02268 | 3.75 | 11.41288 | No | 33.02268 | 3.75 | 11.41288 |
| 33930 | GLOBAL | Cartesian | 33.02268 | 3.85 | 11.41288 | No | 33.02268 | 3.85 | 11.41288 |
| 33931 | GLOBAL | Cartesian | 33.12268 | 3.75 | 11.40303 | No | 33.12268 | 3.75 | 11.40303 |
| 33932 | GLOBAL | Cartesian | 33.12268 | 3.85 | 11.40303 | No | 33.12268 | 3.85 | 11.40303 |
| 33933 | GLOBAL | Cartesian | 33.30839 | 3.75 | 11.38472 | No | 33.30839 | 3.75 | 11.38472 |
| 33934 | GLOBAL | Cartesian | 33.30839 | 3.85 | 11.38472 | No | 33.30839 | 3.85 | 11.38472 |
| 33935 | GLOBAL | Cartesian | 33.49411 | 3.75 | 11.36641 | No | 33.49411 | 3.75 | 11.36641 |
| 33936 | GLOBAL | Cartesian | 33.49411 | 3.85 | 11.36641 | No | 33.49411 | 3.85 | 11.36641 |
| 33937 | GLOBAL | Cartesian | 33.67982 | 3.75 | 11.3481 | No | 33.67982 | 3.75 | 11.3481 |
| 33938 | GLOBAL | Cartesian | 33.67982 | 3.85 | 11.3481 | No | 33.67982 | 3.85 | 11.3481 |
| 33939 | GLOBAL | Cartesian | 33.86554 | 3.75 | 11.32979 | No | 33.86554 | 3.75 | 11.32979 |
| 33940 | GLOBAL | Cartesian | 33.86554 | 3.85 | 11.32979 | No | 33.86554 | 3.85 | 11.32979 |
| 33941 | GLOBAL | Cartesian | 34.05125 | 3.75 | 11.31149 | No | 34.05125 | 3.75 | 11.31149 |
| 33942 | GLOBAL | Cartesian | 34.05125 | 3.85 | 11.31149 | No | 34.05125 | 3.85 | 11.31149 |
| 33943 | GLOBAL | Cartesian | 34.23696 | 3.75 | 11.29318 | No | 34.23696 | 3.75 | 11.29318 |
| 33944 | GLOBAL | Cartesian | 34.23696 | 3.85 | 11.29318 | No | 34.23696 | 3.85 | 11.29318 |
| 33945 | GLOBAL | Cartesian | 34.42268 | 3.75 | 11.27487 | No | 34.42268 | 3.75 | 11.27487 |
| 33946 | GLOBAL | Cartesian | 34.42268 | 3.85 | 11.27487 | No | 34.42268 | 3.85 | 11.27487 |
| 33947 | GLOBAL | Cartesian | 34.60839 | 3.75 | 11.25656 | No | 34.60839 | 3.75 | 11.25656 |
| 33948 | GLOBAL | Cartesian | 34.60839 | 3.85 | 11.25656 | No | 34.60839 | 3.85 | 11.25656 |
| 33949 | GLOBAL | Cartesian | 34.79411 | 3.75 | 11.23825 | No | 34.79411 | 3.75 | 11.23825 |
| 33950 | GLOBAL | Cartesian | 34.79411 | 3.85 | 11.23825 | No | 34.79411 | 3.85 | 11.23825 |
| 33951 | GLOBAL | Cartesian | 34.97982 | 3.75 | 11.21995 | No | 34.97982 | 3.75 | 11.21995 |
| 33952 | GLOBAL | Cartesian | 34.97982 | 3.85 | 11.21995 | No | 34.97982 | 3.85 | 11.21995 |
| 33953 | GLOBAL | Cartesian | 35.16554 | 3.75 | 11.20164 | No | 35.16554 | 3.75 | 11.20164 |
| 33954 | GLOBAL | Cartesian | 35.16554 | 3.85 | 11.20164 | No | 35.16554 | 3.85 | 11.20164 |
| 33955 | GLOBAL | Cartesian | 35.35125 | 3.75 | 11.18333 | No | 35.35125 | 3.75 | 11.18333 |
| 33956 | GLOBAL | Cartesian | 35.35125 | 3.85 | 11.18333 | No | 35.35125 | 3.85 | 11.18333 |
| 33957 | GLOBAL | Cartesian | 35.53696 | 3.75 | 11.16502 | No | 35.53696 | 3.75 | 11.16502 |
| 33958 | GLOBAL | Cartesian | 35.53696 | 3.85 | 11.16502 | No | 35.53696 | 3.85 | 11.16502 |
| 33959 | GLOBAL | Cartesian | 35.62982 | 3.75 | 11.15587 | No | 35.62982 | 3.75 | 11.15587 |
| 33960 | GLOBAL | Cartesian | 35.62982 | 3.85 | 11.15587 | No | 35.62982 | 3.85 | 11.15587 |
| 33961 | GLOBAL | Cartesian | 35.72268 | 3.75 | 11.14671 | No | 35.72268 | 3.75 | 11.14671 |
| 33962 | GLOBAL | Cartesian | 35.72268 | 3.85 | 11.14671 | No | 35.72268 | 3.85 | 11.14671 |
| 33963 | GLOBAL | Cartesian | 35.82268 | 3.75 | 11.13685 | No | 35.82268 | 3.75 | 11.13685 |
| 33964 | GLOBAL | Cartesian | 35.82268 | 3.85 | 11.13685 | No | 35.82268 | 3.85 | 11.13685 |
| 33965 | GLOBAL | Cartesian | 35.92268 | 3.75 | 11.127 | No | 35.92268 | 3.75 | 11.127 |
| 33966 | GLOBAL | Cartesian | 35.92268 | 3.85 | 11.127 | No | 35.92268 | 3.85 | 11.127 |
| 33967 | GLOBAL | Cartesian | 36.02268 | 3.75 | 11.11714 | No | 36.02268 | 3.75 | 11.11714 |
| 33968 | GLOBAL | Cartesian | 36.02268 | 3.85 | 11.11714 | No | 36.02268 | 3.85 | 11.11714 |
| 33969 | GLOBAL | Cartesian | 36.12268 | 3.75 | 11.10728 | No | 36.12268 | 3.75 | 11.10728 |
| 33970 | GLOBAL | Cartesian | 36.12268 | 3.85 | 11.10728 | No | 36.12268 | 3.85 | 11.10728 |
| 33971 | GLOBAL | Cartesian | 36.30839 | 3.75 | 11.08897 | No | 36.30839 | 3.75 | 11.08897 |
| 33972 | GLOBAL | Cartesian | 36.30839 | 3.85 | 11.08897 | No | 36.30839 | 3.85 | 11.08897 |
| 33973 | GLOBAL | Cartesian | 36.49411 | 3.75 | 11.07066 | No | 36.49411 | 3.75 | 11.07066 |
| 33974 | GLOBAL | Cartesian | 36.49411 | 3.85 | 11.07066 | No | 36.49411 | 3.85 | 11.07066 |
| 33975 | GLOBAL | Cartesian | 36.67982 | 3.75 | 11.05236 | No | 36.67982 | 3.75 | 11.05236 |
| 33976 | GLOBAL | Cartesian | 36.67982 | 3.85 | 11.05236 | No | 36.67982 | 3.85 | 11.05236 |
| 33977 | GLOBAL | Cartesian | 36.86554 | 3.75 | 11.03405 | No | 36.86554 | 3.75 | 11.03405 |
| 33978 | GLOBAL | Cartesian | 36.86554 | 3.85 | 11.03405 | No | 36.86554 | 3.85 | 11.03405 |
| 33979 | GLOBAL | Cartesian | 37.05125 | 3.75 | 11.01574 | No | 37.05125 | 3.75 | 11.01574 |
| 33980 | GLOBAL | Cartesian | 37.05125 | 3.85 | 11.01574 | No | 37.05125 | 3.85 | 11.01574 |
| 33981 | GLOBAL | Cartesian | 37.23696 | 3.75 | 10.99743 | No | 37.23696 | 3.75 | 10.99743 |
| 33982 | GLOBAL | Cartesian | 37.23696 | 3.85 | 10.99743 | No | 37.23696 | 3.85 | 10.99743 |
| 33983 | GLOBAL | Cartesian | 37.42268 | 3.75 | 10.97912 | No | 37.42268 | 3.75 | 10.97912 |
| 33984 | GLOBAL | Cartesian | 37.42268 | 3.85 | 10.97912 | No | 37.42268 | 3.85 | 10.97912 |
| 33985 | GLOBAL | Cartesian | 37.60839 | 3.75 | 10.96082 | No | 37.60839 | 3.75 | 10.96082 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 33986 | GLOBAL | Cartesian | 37.60839 | 3.85 | 10.96082 | No | 37.60839 | 3.85 | 10.96082 |
| 33987 | GLOBAL | Cartesian | 37.79411 | 3.75 | 10.94251 | No | 37.79411 | 3.75 | 10.94251 |
| 33988 | GLOBAL | Cartesian | 37.79411 | 3.85 | 10.94251 | No | 37.79411 | 3.85 | 10.94251 |
| 33989 | GLOBAL | Cartesian | 37.97982 | 3.75 | 10.9242 | No | 37.97982 | 3.75 | 10.9242 |
| 33990 | GLOBAL | Cartesian | 37.97982 | 3.85 | 10.9242 | No | 37.97982 | 3.85 | 10.9242 |
| 33991 | GLOBAL | Cartesian | 38.16554 | 3.75 | 10.90589 | No | 38.16554 | 3.75 | 10.90589 |
| 33992 | GLOBAL | Cartesian | 38.16554 | 3.85 | 10.90589 | No | 38.16554 | 3.85 | 10.90589 |
| 33993 | GLOBAL | Cartesian | 38.35125 | 3.75 | 10.88758 | No | 38.35125 | 3.75 | 10.88758 |
| 33994 | GLOBAL | Cartesian | 38.35125 | 3.85 | 10.88758 | No | 38.35125 | 3.85 | 10.88758 |
| 33995 | GLOBAL | Cartesian | 38.53696 | 3.75 | 10.86927 | No | 38.53696 | 3.75 | 10.86927 |
| 33996 | GLOBAL | Cartesian | 38.53696 | 3.85 | 10.86927 | No | 38.53696 | 3.85 | 10.86927 |
| 33997 | GLOBAL | Cartesian | 38.62982 | 3.75 | 10.86012 | No | 38.62982 | 3.75 | 10.86012 |
| 33998 | GLOBAL | Cartesian | 38.62982 | 3.85 | 10.86012 | No | 38.62982 | 3.85 | 10.86012 |
| 33999 | GLOBAL | Cartesian | 38.72268 | 3.75 | 10.85097 | No | 38.72268 | 3.75 | 10.85097 |
| 34000 | GLOBAL | Cartesian | 38.72268 | 3.85 | 10.85097 | No | 38.72268 | 3.85 | 10.85097 |
| 34001 | GLOBAL | Cartesian | 38.82268 | 3.75 | 10.84111 | No | 38.82268 | 3.75 | 10.84111 |
| 34002 | GLOBAL | Cartesian | 38.82268 | 3.85 | 10.84111 | No | 38.82268 | 3.85 | 10.84111 |
| 34003 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.83125 | No | 38.92268 | 3.75 | 10.83125 |
| 34004 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.83125 | No | 38.92268 | 3.85 | 10.83125 |
| 34005 | GLOBAL | Cartesian | 39.02323 | 3.75 | 10.82134 | No | 39.02323 | 3.75 | 10.82134 |
| 34006 | GLOBAL | Cartesian | 39.02323 | 3.85 | 10.82134 | No | 39.02323 | 3.85 | 10.82134 |
| 34007 | GLOBAL | Cartesian | 39.12377 | 3.75 | 10.81143 | No | 39.12377 | 3.75 | 10.81143 |
| 34008 | GLOBAL | Cartesian | 39.12377 | 3.85 | 10.81143 | No | 39.12377 | 3.85 | 10.81143 |
| 34009 | GLOBAL | Cartesian | 39.30939 | 3.75 | 10.79313 | No | 39.30939 | 3.75 | 10.79313 |
| 34010 | GLOBAL | Cartesian | 39.30939 | 3.85 | 10.79313 | No | 39.30939 | 3.85 | 10.79313 |
| 34011 | GLOBAL | Cartesian | 39.49502 | 3.75 | 10.77483 | No | 39.49502 | 3.75 | 10.77483 |
| 34012 | GLOBAL | Cartesian | 39.49502 | 3.85 | 10.77483 | No | 39.49502 | 3.85 | 10.77483 |
| 34013 | GLOBAL | Cartesian | 39.68064 | 3.75 | 10.75653 | No | 39.68064 | 3.75 | 10.75653 |
| 34014 | GLOBAL | Cartesian | 39.68064 | 3.85 | 10.75653 | No | 39.68064 | 3.85 | 10.75653 |
| 34015 | GLOBAL | Cartesian | 39.86626 | 3.75 | 10.73823 | No | 39.86626 | 3.75 | 10.73823 |
| 34016 | GLOBAL | Cartesian | 39.86626 | 3.85 | 10.73823 | No | 39.86626 | 3.85 | 10.73823 |
| 34017 | GLOBAL | Cartesian | 40.05188 | 3.75 | 10.71993 | No | 40.05188 | 3.75 | 10.71993 |
| 34018 | GLOBAL | Cartesian | 40.05188 | 3.85 | 10.71993 | No | 40.05188 | 3.85 | 10.71993 |
| 34019 | GLOBAL | Cartesian | 40.2375 | 3.75 | 10.70163 | No | 40.2375 | 3.75 | 10.70163 |
| 34020 | GLOBAL | Cartesian | 40.2375 | 3.85 | 10.70163 | No | 40.2375 | 3.85 | 10.70163 |
| 34021 | GLOBAL | Cartesian | 40.42312 | 3.75 | 10.68333 | No | 40.42312 | 3.75 | 10.68333 |
| 34022 | GLOBAL | Cartesian | 40.42312 | 3.85 | 10.68333 | No | 40.42312 | 3.85 | 10.68333 |
| 34023 | GLOBAL | Cartesian | 40.60874 | 3.75 | 10.66503 | No | 40.60874 | 3.75 | 10.66503 |
| 34024 | GLOBAL | Cartesian | 40.60874 | 3.85 | 10.66503 | No | 40.60874 | 3.85 | 10.66503 |
| 34025 | GLOBAL | Cartesian | 40.79437 | 3.75 | 10.64674 | No | 40.79437 | 3.75 | 10.64674 |
| 34026 | GLOBAL | Cartesian | 40.79437 | 3.85 | 10.64674 | No | 40.79437 | 3.85 | 10.64674 |
| 34027 | GLOBAL | Cartesian | 40.97999 | 3.75 | 10.62844 | No | 40.97999 | 3.75 | 10.62844 |
| 34028 | GLOBAL | Cartesian | 40.97999 | 3.85 | 10.62844 | No | 40.97999 | 3.85 | 10.62844 |
| 34029 | GLOBAL | Cartesian | 41.16561 | 3.75 | 10.61014 | No | 41.16561 | 3.75 | 10.61014 |
| 34030 | GLOBAL | Cartesian | 41.16561 | 3.85 | 10.61014 | No | 41.16561 | 3.85 | 10.61014 |
| 34031 | GLOBAL | Cartesian | 41.35123 | 3.75 | 10.59184 | No | 41.35123 | 3.75 | 10.59184 |
| 34032 | GLOBAL | Cartesian | 41.35123 | 3.85 | 10.59184 | No | 41.35123 | 3.85 | 10.59184 |
| 34033 | GLOBAL | Cartesian | 41.53685 | 3.75 | 10.57354 | No | 41.53685 | 3.75 | 10.57354 |
| 34034 | GLOBAL | Cartesian | 41.53685 | 3.85 | 10.57354 | No | 41.53685 | 3.85 | 10.57354 |
| 34035 | GLOBAL | Cartesian | 41.72247 | 3.75 | 10.55524 | No | 41.72247 | 3.75 | 10.55524 |
| 34036 | GLOBAL | Cartesian | 41.72247 | 3.85 | 10.55524 | No | 41.72247 | 3.85 | 10.55524 |
| 34037 | GLOBAL | Cartesian | 41.82258 | 3.75 | 10.54537 | No | 41.82258 | 3.75 | 10.54537 |
| 34038 | GLOBAL | Cartesian | 41.82258 | 3.85 | 10.54537 | No | 41.82258 | 3.85 | 10.54537 |
| 34039 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.5355 | No | 41.92268 | 3.75 | 10.5355 |
| 34040 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.5355 | No | 41.92268 | 3.85 | 10.5355 |
| 34041 | GLOBAL | Cartesian | 42.02285 | 3.75 | 10.52563 | No | 42.02285 | 3.75 | 10.52563 |
| 34042 | GLOBAL | Cartesian | 42.02285 | 3.85 | 10.52563 | No | 42.02285 | 3.85 | 10.52563 |
| 34043 | GLOBAL | Cartesian | 42.12302 | 3.75 | 10.51575 | No | 42.12302 | 3.75 | 10.51575 |
| 34044 | GLOBAL | Cartesian | 42.12302 | 3.85 | 10.51575 | No | 42.12302 | 3.85 | 10.51575 |
| 34045 | GLOBAL | Cartesian | 42.30869 | 3.75 | 10.49745 | No | 42.30869 | 3.75 | 10.49745 |
| 34046 | GLOBAL | Cartesian | 42.30869 | 3.85 | 10.49745 | No | 42.30869 | 3.85 | 10.49745 |
| 34047 | GLOBAL | Cartesian | 42.49437 | 3.75 | 10.47915 | No | 42.49437 | 3.75 | 10.47915 |
| 34048 | GLOBAL | Cartesian | 42.49437 | 3.85 | 10.47915 | No | 42.49437 | 3.85 | 10.47915 |
| 34049 | GLOBAL | Cartesian | 42.68004 | 3.75 | 10.46084 | No | 42.68004 | 3.75 | 10.46084 |
| 34050 | GLOBAL | Cartesian | 42.68004 | 3.85 | 10.46084 | No | 42.68004 | 3.85 | 10.46084 |
| 34051 | GLOBAL | Cartesian | 42.86572 | 3.75 | 10.44254 | No | 42.86572 | 3.75 | 10.44254 |
| 34052 | GLOBAL | Cartesian | 42.86572 | 3.85 | 10.44254 | No | 42.86572 | 3.85 | 10.44254 |
| 34053 | GLOBAL | Cartesian | 43.0514 | 3.75 | 10.42423 | No | 43.0514 | 3.75 | 10.42423 |
| 34054 | GLOBAL | Cartesian | 43.0514 | 3.85 | 10.42423 | No | 43.0514 | 3.85 | 10.42423 |
| 34055 | GLOBAL | Cartesian | 43.23707 | 3.75 | 10.40593 | No | 43.23707 | 3.75 | 10.40593 |
| 34056 | GLOBAL | Cartesian | 43.23707 | 3.85 | 10.40593 | No | 43.23707 | 3.85 | 10.40593 |
| 34057 | GLOBAL | Cartesian | 43.42275 | 3.75 | 10.38762 | No | 43.42275 | 3.75 | 10.38762 |
| 34058 | GLOBAL | Cartesian | 43.42275 | 3.85 | 10.38762 | No | 43.42275 | 3.85 | 10.38762 |
| 34059 | GLOBAL | Cartesian | 43.60842 | 3.75 | 10.36932 | No | 43.60842 | 3.75 | 10.36932 |
| 34060 | GLOBAL | Cartesian | 43.60842 | 3.85 | 10.36932 | No | 43.60842 | 3.85 | 10.36932 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34061 | GLOBAL | Cartesian | 43.7941 | 3.75 | 10.35102 | No | 43.7941 | 3.75 | 10.35102 |
| 34062 | GLOBAL | Cartesian | 43.7941 | 3.85 | 10.35102 | No | 43.7941 | 3.85 | 10.35102 |
| 34063 | GLOBAL | Cartesian | 43.97978 | 3.75 | 10.33271 | No | 43.97978 | 3.75 | 10.33271 |
| 34064 | GLOBAL | Cartesian | 43.97978 | 3.85 | 10.33271 | No | 43.97978 | 3.85 | 10.33271 |
| 34065 | GLOBAL | Cartesian | 44.16545 | 3.75 | 10.31441 | No | 44.16545 | 3.75 | 10.31441 |
| 34066 | GLOBAL | Cartesian | 44.16545 | 3.85 | 10.31441 | No | 44.16545 | 3.85 | 10.31441 |
| 34067 | GLOBAL | Cartesian | 44.35113 | 3.75 | 10.2961 | No | 44.35113 | 3.75 | 10.2961 |
| 34068 | GLOBAL | Cartesian | 44.35113 | 3.85 | 10.2961 | No | 44.35113 | 3.85 | 10.2961 |
| 34069 | GLOBAL | Cartesian | 44.44397 | 3.75 | 10.28695 | No | 44.44397 | 3.75 | 10.28695 |
| 34070 | GLOBAL | Cartesian | 44.44397 | 3.85 | 10.28695 | No | 44.44397 | 3.85 | 10.28695 |
| 34071 | GLOBAL | Cartesian | 44.5368 | 3.75 | 10.2778 | No | 44.5368 | 3.75 | 10.2778 |
| 34072 | GLOBAL | Cartesian | 44.5368 | 3.85 | 10.2778 | No | 44.5368 | 3.85 | 10.2778 |
| 34073 | GLOBAL | Cartesian | 44.72248 | 3.75 | 10.25949 | No | 44.72248 | 3.75 | 10.25949 |
| 34074 | GLOBAL | Cartesian | 44.72248 | 3.85 | 10.25949 | No | 44.72248 | 3.85 | 10.25949 |
| 34075 | GLOBAL | Cartesian | 44.82258 | 3.75 | 10.24963 | No | 44.82258 | 3.75 | 10.24963 |
| 34076 | GLOBAL | Cartesian | 44.82258 | 3.85 | 10.24963 | No | 44.82258 | 3.85 | 10.24963 |
| 34077 | GLOBAL | Cartesian | 44.92268 | 3.75 | 10.23976 | No | 44.92268 | 3.75 | 10.23976 |
| 34078 | GLOBAL | Cartesian | 44.92268 | 3.85 | 10.23976 | No | 44.92268 | 3.85 | 10.23976 |
| 34079 | GLOBAL | Cartesian | 45.02268 | 3.75 | 10.2299 | No | 45.02268 | 3.75 | 10.2299 |
| 34080 | GLOBAL | Cartesian | 45.02268 | 3.85 | 10.2299 | No | 45.02268 | 3.85 | 10.2299 |
| 34081 | GLOBAL | Cartesian | 45.12268 | 3.75 | 10.22004 | No | 45.12268 | 3.75 | 10.22004 |
| 34082 | GLOBAL | Cartesian | 45.12268 | 3.85 | 10.22004 | No | 45.12268 | 3.85 | 10.22004 |
| 34083 | GLOBAL | Cartesian | 45.30838 | 3.75 | 10.20173 | No | 45.30838 | 3.75 | 10.20173 |
| 34084 | GLOBAL | Cartesian | 45.30838 | 3.85 | 10.20173 | No | 45.30838 | 3.85 | 10.20173 |
| 34085 | GLOBAL | Cartesian | 45.49408 | 3.75 | 10.18343 | No | 45.49408 | 3.75 | 10.18343 |
| 34086 | GLOBAL | Cartesian | 45.49408 | 3.85 | 10.18343 | No | 45.49408 | 3.85 | 10.18343 |
| 34087 | GLOBAL | Cartesian | 45.67978 | 3.75 | 10.16512 | No | 45.67978 | 3.75 | 10.16512 |
| 34088 | GLOBAL | Cartesian | 45.67978 | 3.85 | 10.16512 | No | 45.67978 | 3.85 | 10.16512 |
| 34089 | GLOBAL | Cartesian | 45.86548 | 3.75 | 10.14681 | No | 45.86548 | 3.75 | 10.14681 |
| 34090 | GLOBAL | Cartesian | 45.86548 | 3.85 | 10.14681 | No | 45.86548 | 3.85 | 10.14681 |
| 34091 | GLOBAL | Cartesian | 46.05118 | 3.75 | 10.12851 | No | 46.05118 | 3.75 | 10.12851 |
| 34092 | GLOBAL | Cartesian | 46.05118 | 3.85 | 10.12851 | No | 46.05118 | 3.85 | 10.12851 |
| 34093 | GLOBAL | Cartesian | 46.23688 | 3.75 | 10.1102 | No | 46.23688 | 3.75 | 10.1102 |
| 34094 | GLOBAL | Cartesian | 46.23688 | 3.85 | 10.1102 | No | 46.23688 | 3.85 | 10.1102 |
| 34095 | GLOBAL | Cartesian | 46.42258 | 3.75 | 10.09189 | No | 46.42258 | 3.75 | 10.09189 |
| 34096 | GLOBAL | Cartesian | 46.42258 | 3.85 | 10.09189 | No | 46.42258 | 3.85 | 10.09189 |
| 34097 | GLOBAL | Cartesian | 46.60828 | 3.75 | 10.07359 | No | 46.60828 | 3.75 | 10.07359 |
| 34098 | GLOBAL | Cartesian | 46.60828 | 3.85 | 10.07359 | No | 46.60828 | 3.85 | 10.07359 |
| 34099 | GLOBAL | Cartesian | 46.79398 | 3.75 | 10.05528 | No | 46.79398 | 3.75 | 10.05528 |
| 34100 | GLOBAL | Cartesian | 46.79398 | 3.85 | 10.05528 | No | 46.79398 | 3.85 | 10.05528 |
| 34101 | GLOBAL | Cartesian | 46.97968 | 3.75 | 10.03697 | No | 46.97968 | 3.75 | 10.03697 |
| 34102 | GLOBAL | Cartesian | 46.97968 | 3.85 | 10.03697 | No | 46.97968 | 3.85 | 10.03697 |
| 34103 | GLOBAL | Cartesian | 47.16538 | 3.75 | 10.01867 | No | 47.16538 | 3.75 | 10.01867 |
| 34104 | GLOBAL | Cartesian | 47.16538 | 3.85 | 10.01867 | No | 47.16538 | 3.85 | 10.01867 |
| 34105 | GLOBAL | Cartesian | 47.35108 | 3.75 | 10.00036 | No | 47.35108 | 3.75 | 10.00036 |
| 34106 | GLOBAL | Cartesian | 47.35108 | 3.85 | 10.00036 | No | 47.35108 | 3.85 | 10.00036 |
| 34107 | GLOBAL | Cartesian | 47.53678 | 3.75 | 9.98205 | No | 47.53678 | 3.75 | 9.98205 |
| 34108 | GLOBAL | Cartesian | 47.53678 | 3.85 | 9.98205 | No | 47.53678 | 3.85 | 9.98205 |
| 34109 | GLOBAL | Cartesian | 47.72248 | 3.75 | 9.96375 | No | 47.72248 | 3.75 | 9.96375 |
| 34110 | GLOBAL | Cartesian | 47.72248 | 3.85 | 9.96375 | No | 47.72248 | 3.85 | 9.96375 |
| 34111 | GLOBAL | Cartesian | 47.82258 | 3.75 | 9.95388 | No | 47.82258 | 3.75 | 9.95388 |
| 34112 | GLOBAL | Cartesian | 47.82258 | 3.85 | 9.95388 | No | 47.82258 | 3.85 | 9.95388 |
| 34113 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.94401 | No | 47.92268 | 3.75 | 9.94401 |
| 34114 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.94401 | No | 47.92268 | 3.85 | 9.94401 |
| 34115 | GLOBAL | Cartesian | 48.11018 | 3.75 | 9.92553 | No | 48.11018 | 3.75 | 9.92553 |
| 34116 | GLOBAL | Cartesian | 48.11018 | 3.85 | 9.92553 | No | 48.11018 | 3.85 | 9.92553 |
| 34117 | GLOBAL | Cartesian | 48.29768 | 3.75 | 9.90704 | No | 48.29768 | 3.75 | 9.90704 |
| 34118 | GLOBAL | Cartesian | 48.29768 | 3.85 | 9.90704 | No | 48.29768 | 3.85 | 9.90704 |
| 34119 | GLOBAL | Cartesian | 48.48518 | 3.75 | 9.88856 | No | 48.48518 | 3.75 | 9.88856 |
| 34120 | GLOBAL | Cartesian | 48.48518 | 3.85 | 9.88856 | No | 48.48518 | 3.85 | 9.88856 |
| 34121 | GLOBAL | Cartesian | 48.67268 | 3.75 | 9.87007 | No | 48.67268 | 3.75 | 9.87007 |
| 34122 | GLOBAL | Cartesian | 48.67268 | 3.85 | 9.87007 | No | 48.67268 | 3.85 | 9.87007 |
| 34123 | GLOBAL | Cartesian | 48.86018 | 3.75 | 9.85159 | No | 48.86018 | 3.75 | 9.85159 |
| 34124 | GLOBAL | Cartesian | 48.86018 | 3.85 | 9.85159 | No | 48.86018 | 3.85 | 9.85159 |
| 34125 | GLOBAL | Cartesian | 49.04768 | 3.75 | 9.83311 | No | 49.04768 | 3.75 | 9.83311 |
| 34126 | GLOBAL | Cartesian | 49.04768 | 3.85 | 9.83311 | No | 49.04768 | 3.85 | 9.83311 |
| 34127 | GLOBAL | Cartesian | 49.23518 | 3.75 | 9.81462 | No | 49.23518 | 3.75 | 9.81462 |
| 34128 | GLOBAL | Cartesian | 49.23518 | 3.85 | 9.81462 | No | 49.23518 | 3.85 | 9.81462 |
| 34129 | GLOBAL | Cartesian | 49.42268 | 3.75 | 9.79614 | No | 49.42268 | 3.75 | 9.79614 |
| 34130 | GLOBAL | Cartesian | 49.42268 | 3.85 | 9.79614 | No | 49.42268 | 3.85 | 9.79614 |
| 34131 | GLOBAL | Cartesian | 49.61018 | 3.75 | 9.77765 | No | 49.61018 | 3.75 | 9.77765 |
| 34132 | GLOBAL | Cartesian | 49.61018 | 3.85 | 9.77765 | No | 49.61018 | 3.85 | 9.77765 |
| 34133 | GLOBAL | Cartesian | 49.79768 | 3.75 | 9.75917 | No | 49.79768 | 3.75 | 9.75917 |
| 34134 | GLOBAL | Cartesian | 49.79768 | 3.85 | 9.75917 | No | 49.79768 | 3.85 | 9.75917 |
| 34135 | GLOBAL | Cartesian | 49.98518 | 3.75 | 9.74069 | No | 49.98518 | 3.75 | 9.74069 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34136 | GLOBAL | Cartesian | 49.98518 | 3.85 | 9.74069 | No | 49.98518 | 3.85 | 9.74069 |
| 34137 | GLOBAL | Cartesian | 50.17268 | 3.75 | 9.7222 | No | 50.17268 | 3.75 | 9.7222 |
| 34138 | GLOBAL | Cartesian | 50.17268 | 3.85 | 9.7222 | No | 50.17268 | 3.85 | 9.7222 |
| 34139 | GLOBAL | Cartesian | 50.36018 | 3.75 | 9.70372 | No | 50.36018 | 3.75 | 9.70372 |
| 34140 | GLOBAL | Cartesian | 50.36018 | 3.85 | 9.70372 | No | 50.36018 | 3.85 | 9.70372 |
| 34141 | GLOBAL | Cartesian | 50.54768 | 3.75 | 9.68523 | No | 50.54768 | 3.75 | 9.68523 |
| 34142 | GLOBAL | Cartesian | 50.54768 | 3.85 | 9.68523 | No | 50.54768 | 3.85 | 9.68523 |
| 34143 | GLOBAL | Cartesian | 50.73518 | 3.75 | 9.66675 | No | 50.73518 | 3.75 | 9.66675 |
| 34144 | GLOBAL | Cartesian | 50.73518 | 3.85 | 9.66675 | No | 50.73518 | 3.85 | 9.66675 |
| 34145 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.64826 | No | 50.92268 | 3.75 | 9.64826 |
| 34146 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.64826 | No | 50.92268 | 3.85 | 9.64826 |
| 34147 | GLOBAL | Cartesian | 51.11018 | 3.75 | 9.62978 | No | 51.11018 | 3.75 | 9.62978 |
| 34148 | GLOBAL | Cartesian | 51.11018 | 3.85 | 9.62978 | No | 51.11018 | 3.85 | 9.62978 |
| 34149 | GLOBAL | Cartesian | 51.29768 | 3.75 | 9.6113 | No | 51.29768 | 3.75 | 9.6113 |
| 34150 | GLOBAL | Cartesian | 51.29768 | 3.85 | 9.6113 | No | 51.29768 | 3.85 | 9.6113 |
| 34151 | GLOBAL | Cartesian | 51.48518 | 3.75 | 9.59281 | No | 51.48518 | 3.75 | 9.59281 |
| 34152 | GLOBAL | Cartesian | 51.48518 | 3.85 | 9.59281 | No | 51.48518 | 3.85 | 9.59281 |
| 34153 | GLOBAL | Cartesian | 51.67268 | 3.75 | 9.57433 | No | 51.67268 | 3.75 | 9.57433 |
| 34154 | GLOBAL | Cartesian | 51.67268 | 3.85 | 9.57433 | No | 51.67268 | 3.85 | 9.57433 |
| 34155 | GLOBAL | Cartesian | 51.86018 | 3.75 | 9.55584 | No | 51.86018 | 3.75 | 9.55584 |
| 34156 | GLOBAL | Cartesian | 51.86018 | 3.85 | 9.55584 | No | 51.86018 | 3.85 | 9.55584 |
| 34157 | GLOBAL | Cartesian | 52.04768 | 3.75 | 9.53736 | No | 52.04768 | 3.75 | 9.53736 |
| 34158 | GLOBAL | Cartesian | 52.04768 | 3.85 | 9.53736 | No | 52.04768 | 3.85 | 9.53736 |
| 34159 | GLOBAL | Cartesian | 52.23518 | 3.75 | 9.51888 | No | 52.23518 | 3.75 | 9.51888 |
| 34160 | GLOBAL | Cartesian | 52.23518 | 3.85 | 9.51888 | No | 52.23518 | 3.85 | 9.51888 |
| 34161 | GLOBAL | Cartesian | 52.42268 | 3.75 | 9.50039 | No | 52.42268 | 3.75 | 9.50039 |
| 34162 | GLOBAL | Cartesian | 52.42268 | 3.85 | 9.50039 | No | 52.42268 | 3.85 | 9.50039 |
| 34163 | GLOBAL | Cartesian | 52.61018 | 3.75 | 9.48191 | No | 52.61018 | 3.75 | 9.48191 |
| 34164 | GLOBAL | Cartesian | 52.61018 | 3.85 | 9.48191 | No | 52.61018 | 3.85 | 9.48191 |
| 34165 | GLOBAL | Cartesian | 52.79768 | 3.75 | 9.46342 | No | 52.79768 | 3.75 | 9.46342 |
| 34166 | GLOBAL | Cartesian | 52.79768 | 3.85 | 9.46342 | No | 52.79768 | 3.85 | 9.46342 |
| 34167 | GLOBAL | Cartesian | 52.98518 | 3.75 | 9.44494 | No | 52.98518 | 3.75 | 9.44494 |
| 34168 | GLOBAL | Cartesian | 52.98518 | 3.85 | 9.44494 | No | 52.98518 | 3.85 | 9.44494 |
| 34169 | GLOBAL | Cartesian | 53.17268 | 3.75 | 9.42645 | No | 53.17268 | 3.75 | 9.42645 |
| 34170 | GLOBAL | Cartesian | 53.17268 | 3.85 | 9.42645 | No | 53.17268 | 3.85 | 9.42645 |
| 34171 | GLOBAL | Cartesian | 53.36018 | 3.75 | 9.40797 | No | 53.36018 | 3.75 | 9.40797 |
| 34172 | GLOBAL | Cartesian | 53.36018 | 3.85 | 9.40797 | No | 53.36018 | 3.85 | 9.40797 |
| 34173 | GLOBAL | Cartesian | 53.54768 | 3.75 | 9.38949 | No | 53.54768 | 3.75 | 9.38949 |
| 34174 | GLOBAL | Cartesian | 53.54768 | 3.85 | 9.38949 | No | 53.54768 | 3.85 | 9.38949 |
| 34175 | GLOBAL | Cartesian | 53.73518 | 3.75 | 9.371 | No | 53.73518 | 3.75 | 9.371 |
| 34176 | GLOBAL | Cartesian | 53.73518 | 3.85 | 9.371 | No | 53.73518 | 3.85 | 9.371 |
| 34177 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.35252 | No | 53.92268 | 3.75 | 9.35252 |
| 34178 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.35252 | No | 53.92268 | 3.85 | 9.35252 |
| 34179 | GLOBAL | Cartesian | 31.60839 | 3.55 | 11.55231 | No | 31.60839 | 3.55 | 11.55231 |
| 34180 | GLOBAL | Cartesian | 31.42268 | 3.55 | 11.57062 | No | 31.42268 | 3.55 | 11.57062 |
| 34181 | GLOBAL | Cartesian | 31.60839 | 3.45 | 11.55231 | No | 31.60839 | 3.45 | 11.55231 |
| 34182 | GLOBAL | Cartesian | 31.42268 | 3.45 | 11.57062 | No | 31.42268 | 3.45 | 11.57062 |
| 34183 | GLOBAL | Cartesian | 31.79411 | 3.55 | 11.534 | No | 31.79411 | 3.55 | 11.534 |
| 34184 | GLOBAL | Cartesian | 31.79411 | 3.45 | 11.534 | No | 31.79411 | 3.45 | 11.534 |
| 34185 | GLOBAL | Cartesian | 31.97982 | 3.55 | 11.51569 | No | 31.97982 | 3.55 | 11.51569 |
| 34186 | GLOBAL | Cartesian | 31.97982 | 3.45 | 11.51569 | No | 31.97982 | 3.45 | 11.51569 |
| 34187 | GLOBAL | Cartesian | 32.16554 | 3.55 | 11.49738 | No | 32.16554 | 3.55 | 11.49738 |
| 34188 | GLOBAL | Cartesian | 32.16554 | 3.45 | 11.49738 | No | 32.16554 | 3.45 | 11.49738 |
| 34189 | GLOBAL | Cartesian | 32.35125 | 3.55 | 11.47908 | No | 32.35125 | 3.55 | 11.47908 |
| 34190 | GLOBAL | Cartesian | 32.35125 | 3.45 | 11.47908 | No | 32.35125 | 3.45 | 11.47908 |
| 34191 | GLOBAL | Cartesian | 32.53696 | 3.55 | 11.46077 | No | 32.53696 | 3.55 | 11.46077 |
| 34192 | GLOBAL | Cartesian | 32.53696 | 3.45 | 11.46077 | No | 32.53696 | 3.45 | 11.46077 |
| 34193 | GLOBAL | Cartesian | 32.62982 | 3.55 | 11.45161 | No | 32.62982 | 3.55 | 11.45161 |
| 34194 | GLOBAL | Cartesian | 32.62982 | 3.45 | 11.45161 | No | 32.62982 | 3.45 | 11.45161 |
| 34195 | GLOBAL | Cartesian | 32.67625 | 3.55 | 11.44704 | No | 32.67625 | 3.55 | 11.44704 |
| 34196 | GLOBAL | Cartesian | 32.67625 | 3.45 | 11.44704 | No | 32.67625 | 3.45 | 11.44704 |
| 34197 | GLOBAL | Cartesian | 32.72268 | 3.55 | 11.44246 | No | 32.72268 | 3.55 | 11.44246 |
| 34198 | GLOBAL | Cartesian | 32.72268 | 3.45 | 11.44246 | No | 32.72268 | 3.45 | 11.44246 |
| 34199 | GLOBAL | Cartesian | 32.82268 | 3.55 | 11.4326 | No | 32.82268 | 3.55 | 11.4326 |
| 34200 | GLOBAL | Cartesian | 32.82268 | 3.45 | 11.4326 | No | 32.82268 | 3.45 | 11.4326 |
| 34201 | GLOBAL | Cartesian | 32.92268 | 3.55 | 11.42274 | No | 32.92268 | 3.55 | 11.42274 |
| 34202 | GLOBAL | Cartesian | 32.92268 | 3.45 | 11.42274 | No | 32.92268 | 3.45 | 11.42274 |
| 34203 | GLOBAL | Cartesian | 33.02268 | 3.55 | 11.41288 | No | 33.02268 | 3.55 | 11.41288 |
| 34204 | GLOBAL | Cartesian | 33.02268 | 3.45 | 11.41288 | No | 33.02268 | 3.45 | 11.41288 |
| 34205 | GLOBAL | Cartesian | 33.12268 | 3.55 | 11.40303 | No | 33.12268 | 3.55 | 11.40303 |
| 34206 | GLOBAL | Cartesian | 33.12268 | 3.45 | 11.40303 | No | 33.12268 | 3.45 | 11.40303 |
| 34207 | GLOBAL | Cartesian | 33.30839 | 3.55 | 11.38472 | No | 33.30839 | 3.55 | 11.38472 |
| 34208 | GLOBAL | Cartesian | 33.30839 | 3.45 | 11.38472 | No | 33.30839 | 3.45 | 11.38472 |
| 34209 | GLOBAL | Cartesian | 33.49411 | 3.55 | 11.36641 | No | 33.49411 | 3.55 | 11.36641 |
| 34210 | GLOBAL | Cartesian | 33.49411 | 3.45 | 11.36641 | No | 33.49411 | 3.45 | 11.36641 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34211 | GLOBAL | Cartesian | 33.67982 | 3.55 | 11.3481 | No | 33.67982 | 3.55 | 11.3481 |
| 34212 | GLOBAL | Cartesian | 33.67982 | 3.45 | 11.3481 | No | 33.67982 | 3.45 | 11.3481 |
| 34213 | GLOBAL | Cartesian | 33.86554 | 3.55 | 11.32979 | No | 33.86554 | 3.55 | 11.32979 |
| 34214 | GLOBAL | Cartesian | 33.86554 | 3.45 | 11.32979 | No | 33.86554 | 3.45 | 11.32979 |
| 34215 | GLOBAL | Cartesian | 34.05125 | 3.55 | 11.31149 | No | 34.05125 | 3.55 | 11.31149 |
| 34216 | GLOBAL | Cartesian | 34.05125 | 3.45 | 11.31149 | No | 34.05125 | 3.45 | 11.31149 |
| 34217 | GLOBAL | Cartesian | 34.23696 | 3.55 | 11.29318 | No | 34.23696 | 3.55 | 11.29318 |
| 34218 | GLOBAL | Cartesian | 34.23696 | 3.45 | 11.29318 | No | 34.23696 | 3.45 | 11.29318 |
| 34219 | GLOBAL | Cartesian | 34.42268 | 3.55 | 11.27487 | No | 34.42268 | 3.55 | 11.27487 |
| 34220 | GLOBAL | Cartesian | 34.42268 | 3.45 | 11.27487 | No | 34.42268 | 3.45 | 11.27487 |
| 34221 | GLOBAL | Cartesian | 34.60839 | 3.55 | 11.25656 | No | 34.60839 | 3.55 | 11.25656 |
| 34222 | GLOBAL | Cartesian | 34.60839 | 3.45 | 11.25656 | No | 34.60839 | 3.45 | 11.25656 |
| 34223 | GLOBAL | Cartesian | 34.79411 | 3.55 | 11.23825 | No | 34.79411 | 3.55 | 11.23825 |
| 34224 | GLOBAL | Cartesian | 34.79411 | 3.45 | 11.23825 | No | 34.79411 | 3.45 | 11.23825 |
| 34225 | GLOBAL | Cartesian | 34.97982 | 3.55 | 11.21995 | No | 34.97982 | 3.55 | 11.21995 |
| 34226 | GLOBAL | Cartesian | 34.97982 | 3.45 | 11.21995 | No | 34.97982 | 3.45 | 11.21995 |
| 34227 | GLOBAL | Cartesian | 35.16554 | 3.55 | 11.20164 | No | 35.16554 | 3.55 | 11.20164 |
| 34228 | GLOBAL | Cartesian | 35.16554 | 3.45 | 11.20164 | No | 35.16554 | 3.45 | 11.20164 |
| 34229 | GLOBAL | Cartesian | 35.35125 | 3.55 | 11.18333 | No | 35.35125 | 3.55 | 11.18333 |
| 34230 | GLOBAL | Cartesian | 35.35125 | 3.45 | 11.18333 | No | 35.35125 | 3.45 | 11.18333 |
| 34231 | GLOBAL | Cartesian | 35.53696 | 3.55 | 11.16502 | No | 35.53696 | 3.55 | 11.16502 |
| 34232 | GLOBAL | Cartesian | 35.53696 | 3.45 | 11.16502 | No | 35.53696 | 3.45 | 11.16502 |
| 34233 | GLOBAL | Cartesian | 35.62982 | 3.55 | 11.15587 | No | 35.62982 | 3.55 | 11.15587 |
| 34234 | GLOBAL | Cartesian | 35.62982 | 3.45 | 11.15587 | No | 35.62982 | 3.45 | 11.15587 |
| 34235 | GLOBAL | Cartesian | 35.72268 | 3.55 | 11.14671 | No | 35.72268 | 3.55 | 11.14671 |
| 34236 | GLOBAL | Cartesian | 35.72268 | 3.45 | 11.14671 | No | 35.72268 | 3.45 | 11.14671 |
| 34237 | GLOBAL | Cartesian | 35.82268 | 3.55 | 11.13685 | No | 35.82268 | 3.55 | 11.13685 |
| 34238 | GLOBAL | Cartesian | 35.82268 | 3.45 | 11.13685 | No | 35.82268 | 3.45 | 11.13685 |
| 34239 | GLOBAL | Cartesian | 35.92268 | 3.55 | 11.127 | No | 35.92268 | 3.55 | 11.127 |
| 34240 | GLOBAL | Cartesian | 35.92268 | 3.45 | 11.127 | No | 35.92268 | 3.45 | 11.127 |
| 34241 | GLOBAL | Cartesian | 36.02268 | 3.55 | 11.11714 | No | 36.02268 | 3.55 | 11.11714 |
| 34242 | GLOBAL | Cartesian | 36.02268 | 3.45 | 11.11714 | No | 36.02268 | 3.45 | 11.11714 |
| 34243 | GLOBAL | Cartesian | 36.12268 | 3.55 | 11.10728 | No | 36.12268 | 3.55 | 11.10728 |
| 34244 | GLOBAL | Cartesian | 36.12268 | 3.45 | 11.10728 | No | 36.12268 | 3.45 | 11.10728 |
| 34245 | GLOBAL | Cartesian | 36.30839 | 3.55 | 11.08897 | No | 36.30839 | 3.55 | 11.08897 |
| 34246 | GLOBAL | Cartesian | 36.30839 | 3.45 | 11.08897 | No | 36.30839 | 3.45 | 11.08897 |
| 34247 | GLOBAL | Cartesian | 36.49411 | 3.55 | 11.07066 | No | 36.49411 | 3.55 | 11.07066 |
| 34248 | GLOBAL | Cartesian | 36.49411 | 3.45 | 11.07066 | No | 36.49411 | 3.45 | 11.07066 |
| 34249 | GLOBAL | Cartesian | 36.67982 | 3.55 | 11.05236 | No | 36.67982 | 3.55 | 11.05236 |
| 34250 | GLOBAL | Cartesian | 36.67982 | 3.45 | 11.05236 | No | 36.67982 | 3.45 | 11.05236 |
| 34251 | GLOBAL | Cartesian | 36.86554 | 3.55 | 11.03405 | No | 36.86554 | 3.55 | 11.03405 |
| 34252 | GLOBAL | Cartesian | 36.86554 | 3.45 | 11.03405 | No | 36.86554 | 3.45 | 11.03405 |
| 34253 | GLOBAL | Cartesian | 37.05125 | 3.55 | 11.01574 | No | 37.05125 | 3.55 | 11.01574 |
| 34254 | GLOBAL | Cartesian | 37.05125 | 3.45 | 11.01574 | No | 37.05125 | 3.45 | 11.01574 |
| 34255 | GLOBAL | Cartesian | 37.23696 | 3.55 | 10.99743 | No | 37.23696 | 3.55 | 10.99743 |
| 34256 | GLOBAL | Cartesian | 37.23696 | 3.45 | 10.99743 | No | 37.23696 | 3.45 | 10.99743 |
| 34257 | GLOBAL | Cartesian | 37.42268 | 3.55 | 10.97912 | No | 37.42268 | 3.55 | 10.97912 |
| 34258 | GLOBAL | Cartesian | 37.42268 | 3.45 | 10.97912 | No | 37.42268 | 3.45 | 10.97912 |
| 34259 | GLOBAL | Cartesian | 37.60839 | 3.55 | 10.96082 | No | 37.60839 | 3.55 | 10.96082 |
| 34260 | GLOBAL | Cartesian | 37.60839 | 3.45 | 10.96082 | No | 37.60839 | 3.45 | 10.96082 |
| 34261 | GLOBAL | Cartesian | 37.79411 | 3.55 | 10.94251 | No | 37.79411 | 3.55 | 10.94251 |
| 34262 | GLOBAL | Cartesian | 37.79411 | 3.45 | 10.94251 | No | 37.79411 | 3.45 | 10.94251 |
| 34263 | GLOBAL | Cartesian | 37.97982 | 3.55 | 10.9242 | No | 37.97982 | 3.55 | 10.9242 |
| 34264 | GLOBAL | Cartesian | 37.97982 | 3.45 | 10.9242 | No | 37.97982 | 3.45 | 10.9242 |
| 34265 | GLOBAL | Cartesian | 38.16554 | 3.55 | 10.90589 | No | 38.16554 | 3.55 | 10.90589 |
| 34266 | GLOBAL | Cartesian | 38.16554 | 3.45 | 10.90589 | No | 38.16554 | 3.45 | 10.90589 |
| 34267 | GLOBAL | Cartesian | 38.35125 | 3.55 | 10.88758 | No | 38.35125 | 3.55 | 10.88758 |
| 34268 | GLOBAL | Cartesian | 38.35125 | 3.45 | 10.88758 | No | 38.35125 | 3.45 | 10.88758 |
| 34269 | GLOBAL | Cartesian | 38.53696 | 3.55 | 10.86927 | No | 38.53696 | 3.55 | 10.86927 |
| 34270 | GLOBAL | Cartesian | 38.53696 | 3.45 | 10.86927 | No | 38.53696 | 3.45 | 10.86927 |
| 34271 | GLOBAL | Cartesian | 38.62982 | 3.55 | 10.86012 | No | 38.62982 | 3.55 | 10.86012 |
| 34272 | GLOBAL | Cartesian | 38.62982 | 3.45 | 10.86012 | No | 38.62982 | 3.45 | 10.86012 |
| 34273 | GLOBAL | Cartesian | 38.72268 | 3.55 | 10.85097 | No | 38.72268 | 3.55 | 10.85097 |
| 34274 | GLOBAL | Cartesian | 38.72268 | 3.45 | 10.85097 | No | 38.72268 | 3.45 | 10.85097 |
| 34275 | GLOBAL | Cartesian | 38.82268 | 3.55 | 10.84111 | No | 38.82268 | 3.55 | 10.84111 |
| 34276 | GLOBAL | Cartesian | 38.82268 | 3.45 | 10.84111 | No | 38.82268 | 3.45 | 10.84111 |
| 34277 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.83125 | No | 38.92268 | 3.55 | 10.83125 |
| 34278 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.83125 | No | 38.92268 | 3.45 | 10.83125 |
| 34279 | GLOBAL | Cartesian | 39.02323 | 3.55 | 10.82134 | No | 39.02323 | 3.55 | 10.82134 |
| 34280 | GLOBAL | Cartesian | 39.02323 | 3.45 | 10.82134 | No | 39.02323 | 3.45 | 10.82134 |
| 34281 | GLOBAL | Cartesian | 39.12377 | 3.55 | 10.81143 | No | 39.12377 | 3.55 | 10.81143 |
| 34282 | GLOBAL | Cartesian | 39.12377 | 3.45 | 10.81143 | No | 39.12377 | 3.45 | 10.81143 |
| 34283 | GLOBAL | Cartesian | 39.30939 | 3.55 | 10.79313 | No | 39.30939 | 3.55 | 10.79313 |
| 34284 | GLOBAL | Cartesian | 39.30939 | 3.45 | 10.79313 | No | 39.30939 | 3.45 | 10.79313 |
| 34285 | GLOBAL | Cartesian | 39.49502 | 3.55 | 10.77483 | No | 39.49502 | 3.55 | 10.77483 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34286 | GLOBAL | Cartesian | 39.49502 | 3.45 | 10.77483 | No | 39.49502 | 3.45 | 10.77483 |
| 34287 | GLOBAL | Cartesian | 39.68064 | 3.55 | 10.75653 | No | 39.68064 | 3.55 | 10.75653 |
| 34288 | GLOBAL | Cartesian | 39.68064 | 3.45 | 10.75653 | No | 39.68064 | 3.45 | 10.75653 |
| 34289 | GLOBAL | Cartesian | 39.86626 | 3.55 | 10.73823 | No | 39.86626 | 3.55 | 10.73823 |
| 34290 | GLOBAL | Cartesian | 39.86626 | 3.45 | 10.73823 | No | 39.86626 | 3.45 | 10.73823 |
| 34291 | GLOBAL | Cartesian | 40.05188 | 3.55 | 10.71993 | No | 40.05188 | 3.55 | 10.71993 |
| 34292 | GLOBAL | Cartesian | 40.05188 | 3.45 | 10.71993 | No | 40.05188 | 3.45 | 10.71993 |
| 34293 | GLOBAL | Cartesian | 40.2375 | 3.55 | 10.70163 | No | 40.2375 | 3.55 | 10.70163 |
| 34294 | GLOBAL | Cartesian | 40.2375 | 3.45 | 10.70163 | No | 40.2375 | 3.45 | 10.70163 |
| 34295 | GLOBAL | Cartesian | 40.42312 | 3.55 | 10.68333 | No | 40.42312 | 3.55 | 10.68333 |
| 34296 | GLOBAL | Cartesian | 40.42312 | 3.45 | 10.68333 | No | 40.42312 | 3.45 | 10.68333 |
| 34297 | GLOBAL | Cartesian | 40.60874 | 3.55 | 10.66503 | No | 40.60874 | 3.55 | 10.66503 |
| 34298 | GLOBAL | Cartesian | 40.60874 | 3.45 | 10.66503 | No | 40.60874 | 3.45 | 10.66503 |
| 34299 | GLOBAL | Cartesian | 40.79437 | 3.55 | 10.64674 | No | 40.79437 | 3.55 | 10.64674 |
| 34300 | GLOBAL | Cartesian | 40.79437 | 3.45 | 10.64674 | No | 40.79437 | 3.45 | 10.64674 |
| 34301 | GLOBAL | Cartesian | 40.97999 | 3.55 | 10.62844 | No | 40.97999 | 3.55 | 10.62844 |
| 34302 | GLOBAL | Cartesian | 40.97999 | 3.45 | 10.62844 | No | 40.97999 | 3.45 | 10.62844 |
| 34303 | GLOBAL | Cartesian | 41.16561 | 3.55 | 10.61014 | No | 41.16561 | 3.55 | 10.61014 |
| 34304 | GLOBAL | Cartesian | 41.16561 | 3.45 | 10.61014 | No | 41.16561 | 3.45 | 10.61014 |
| 34305 | GLOBAL | Cartesian | 41.35123 | 3.55 | 10.59184 | No | 41.35123 | 3.55 | 10.59184 |
| 34306 | GLOBAL | Cartesian | 41.35123 | 3.45 | 10.59184 | No | 41.35123 | 3.45 | 10.59184 |
| 34307 | GLOBAL | Cartesian | 41.53685 | 3.55 | 10.57354 | No | 41.53685 | 3.55 | 10.57354 |
| 34308 | GLOBAL | Cartesian | 41.53685 | 3.45 | 10.57354 | No | 41.53685 | 3.45 | 10.57354 |
| 34309 | GLOBAL | Cartesian | 41.72247 | 3.55 | 10.55524 | No | 41.72247 | 3.55 | 10.55524 |
| 34310 | GLOBAL | Cartesian | 41.72247 | 3.45 | 10.55524 | No | 41.72247 | 3.45 | 10.55524 |
| 34311 | GLOBAL | Cartesian | 41.82258 | 3.55 | 10.54537 | No | 41.82258 | 3.55 | 10.54537 |
| 34312 | GLOBAL | Cartesian | 41.82258 | 3.45 | 10.54537 | No | 41.82258 | 3.45 | 10.54537 |
| 34313 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.5355 | No | 41.92268 | 3.55 | 10.5355 |
| 34314 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.5355 | No | 41.92268 | 3.45 | 10.5355 |
| 34315 | GLOBAL | Cartesian | 42.02285 | 3.55 | 10.52563 | No | 42.02285 | 3.55 | 10.52563 |
| 34316 | GLOBAL | Cartesian | 42.02285 | 3.45 | 10.52563 | No | 42.02285 | 3.45 | 10.52563 |
| 34317 | GLOBAL | Cartesian | 42.12302 | 3.55 | 10.51575 | No | 42.12302 | 3.55 | 10.51575 |
| 34318 | GLOBAL | Cartesian | 42.12302 | 3.45 | 10.51575 | No | 42.12302 | 3.45 | 10.51575 |
| 34319 | GLOBAL | Cartesian | 42.30869 | 3.55 | 10.49745 | No | 42.30869 | 3.55 | 10.49745 |
| 34320 | GLOBAL | Cartesian | 42.30869 | 3.45 | 10.49745 | No | 42.30869 | 3.45 | 10.49745 |
| 34321 | GLOBAL | Cartesian | 42.49437 | 3.55 | 10.47915 | No | 42.49437 | 3.55 | 10.47915 |
| 34322 | GLOBAL | Cartesian | 42.49437 | 3.45 | 10.47915 | No | 42.49437 | 3.45 | 10.47915 |
| 34323 | GLOBAL | Cartesian | 42.68004 | 3.55 | 10.46084 | No | 42.68004 | 3.55 | 10.46084 |
| 34324 | GLOBAL | Cartesian | 42.68004 | 3.45 | 10.46084 | No | 42.68004 | 3.45 | 10.46084 |
| 34325 | GLOBAL | Cartesian | 42.86572 | 3.55 | 10.44254 | No | 42.86572 | 3.55 | 10.44254 |
| 34326 | GLOBAL | Cartesian | 42.86572 | 3.45 | 10.44254 | No | 42.86572 | 3.45 | 10.44254 |
| 34327 | GLOBAL | Cartesian | 43.0514 | 3.55 | 10.42423 | No | 43.0514 | 3.55 | 10.42423 |
| 34328 | GLOBAL | Cartesian | 43.0514 | 3.45 | 10.42423 | No | 43.0514 | 3.45 | 10.42423 |
| 34329 | GLOBAL | Cartesian | 43.23707 | 3.55 | 10.40593 | No | 43.23707 | 3.55 | 10.40593 |
| 34330 | GLOBAL | Cartesian | 43.23707 | 3.45 | 10.40593 | No | 43.23707 | 3.45 | 10.40593 |
| 34331 | GLOBAL | Cartesian | 43.42275 | 3.55 | 10.38762 | No | 43.42275 | 3.55 | 10.38762 |
| 34332 | GLOBAL | Cartesian | 43.42275 | 3.45 | 10.38762 | No | 43.42275 | 3.45 | 10.38762 |
| 34333 | GLOBAL | Cartesian | 43.60842 | 3.55 | 10.36932 | No | 43.60842 | 3.55 | 10.36932 |
| 34334 | GLOBAL | Cartesian | 43.60842 | 3.45 | 10.36932 | No | 43.60842 | 3.45 | 10.36932 |
| 34335 | GLOBAL | Cartesian | 43.7941 | 3.55 | 10.35102 | No | 43.7941 | 3.55 | 10.35102 |
| 34336 | GLOBAL | Cartesian | 43.7941 | 3.45 | 10.35102 | No | 43.7941 | 3.45 | 10.35102 |
| 34337 | GLOBAL | Cartesian | 43.97978 | 3.55 | 10.33271 | No | 43.97978 | 3.55 | 10.33271 |
| 34338 | GLOBAL | Cartesian | 43.97978 | 3.45 | 10.33271 | No | 43.97978 | 3.45 | 10.33271 |
| 34339 | GLOBAL | Cartesian | 44.16545 | 3.55 | 10.31441 | No | 44.16545 | 3.55 | 10.31441 |
| 34340 | GLOBAL | Cartesian | 44.16545 | 3.45 | 10.31441 | No | 44.16545 | 3.45 | 10.31441 |
| 34341 | GLOBAL | Cartesian | 44.35113 | 3.55 | 10.2961 | No | 44.35113 | 3.55 | 10.2961 |
| 34342 | GLOBAL | Cartesian | 44.35113 | 3.45 | 10.2961 | No | 44.35113 | 3.45 | 10.2961 |
| 34343 | GLOBAL | Cartesian | 44.44397 | 3.55 | 10.28695 | No | 44.44397 | 3.55 | 10.28695 |
| 34344 | GLOBAL | Cartesian | 44.44397 | 3.45 | 10.28695 | No | 44.44397 | 3.45 | 10.28695 |
| 34345 | GLOBAL | Cartesian | 44.5368 | 3.55 | 10.2778 | No | 44.5368 | 3.55 | 10.2778 |
| 34346 | GLOBAL | Cartesian | 44.5368 | 3.45 | 10.2778 | No | 44.5368 | 3.45 | 10.2778 |
| 34347 | GLOBAL | Cartesian | 44.72248 | 3.55 | 10.25949 | No | 44.72248 | 3.55 | 10.25949 |
| 34348 | GLOBAL | Cartesian | 44.72248 | 3.45 | 10.25949 | No | 44.72248 | 3.45 | 10.25949 |
| 34349 | GLOBAL | Cartesian | 44.82258 | 3.55 | 10.24963 | No | 44.82258 | 3.55 | 10.24963 |
| 34350 | GLOBAL | Cartesian | 44.82258 | 3.45 | 10.24963 | No | 44.82258 | 3.45 | 10.24963 |
| 34351 | GLOBAL | Cartesian | 44.92268 | 3.55 | 10.23976 | No | 44.92268 | 3.55 | 10.23976 |
| 34352 | GLOBAL | Cartesian | 44.92268 | 3.45 | 10.23976 | No | 44.92268 | 3.45 | 10.23976 |
| 34353 | GLOBAL | Cartesian | 45.02268 | 3.55 | 10.2299 | No | 45.02268 | 3.55 | 10.2299 |
| 34354 | GLOBAL | Cartesian | 45.02268 | 3.45 | 10.2299 | No | 45.02268 | 3.45 | 10.2299 |
| 34355 | GLOBAL | Cartesian | 45.12268 | 3.55 | 10.22004 | No | 45.12268 | 3.55 | 10.22004 |
| 34356 | GLOBAL | Cartesian | 45.12268 | 3.45 | 10.22004 | No | 45.12268 | 3.45 | 10.22004 |
| 34357 | GLOBAL | Cartesian | 45.30838 | 3.55 | 10.20173 | No | 45.30838 | 3.55 | 10.20173 |
| 34358 | GLOBAL | Cartesian | 45.30838 | 3.45 | 10.20173 | No | 45.30838 | 3.45 | 10.20173 |
| 34359 | GLOBAL | Cartesian | 45.49408 | 3.55 | 10.18343 | No | 45.49408 | 3.55 | 10.18343 |
| 34360 | GLOBAL | Cartesian | 45.49408 | 3.45 | 10.18343 | No | 45.49408 | 3.45 | 10.18343 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34361 | GLOBAL | Cartesian | 45.67978 | 3.55 | 10.16512 | No | 45.67978 | 3.55 | 10.16512 |
| 34362 | GLOBAL | Cartesian | 45.67978 | 3.45 | 10.16512 | No | 45.67978 | 3.45 | 10.16512 |
| 34363 | GLOBAL | Cartesian | 45.86548 | 3.55 | 10.14681 | No | 45.86548 | 3.55 | 10.14681 |
| 34364 | GLOBAL | Cartesian | 45.86548 | 3.45 | 10.14681 | No | 45.86548 | 3.45 | 10.14681 |
| 34365 | GLOBAL | Cartesian | 46.05118 | 3.55 | 10.12851 | No | 46.05118 | 3.55 | 10.12851 |
| 34366 | GLOBAL | Cartesian | 46.05118 | 3.45 | 10.12851 | No | 46.05118 | 3.45 | 10.12851 |
| 34367 | GLOBAL | Cartesian | 46.23688 | 3.55 | 10.1102 | No | 46.23688 | 3.55 | 10.1102 |
| 34368 | GLOBAL | Cartesian | 46.23688 | 3.45 | 10.1102 | No | 46.23688 | 3.45 | 10.1102 |
| 34369 | GLOBAL | Cartesian | 46.42258 | 3.55 | 10.09189 | No | 46.42258 | 3.55 | 10.09189 |
| 34370 | GLOBAL | Cartesian | 46.42258 | 3.45 | 10.09189 | No | 46.42258 | 3.45 | 10.09189 |
| 34371 | GLOBAL | Cartesian | 46.60828 | 3.55 | 10.07359 | No | 46.60828 | 3.55 | 10.07359 |
| 34372 | GLOBAL | Cartesian | 46.60828 | 3.45 | 10.07359 | No | 46.60828 | 3.45 | 10.07359 |
| 34373 | GLOBAL | Cartesian | 46.79398 | 3.55 | 10.05528 | No | 46.79398 | 3.55 | 10.05528 |
| 34374 | GLOBAL | Cartesian | 46.79398 | 3.45 | 10.05528 | No | 46.79398 | 3.45 | 10.05528 |
| 34375 | GLOBAL | Cartesian | 46.97968 | 3.55 | 10.03697 | No | 46.97968 | 3.55 | 10.03697 |
| 34376 | GLOBAL | Cartesian | 46.97968 | 3.45 | 10.03697 | No | 46.97968 | 3.45 | 10.03697 |
| 34377 | GLOBAL | Cartesian | 47.16538 | 3.55 | 10.01867 | No | 47.16538 | 3.55 | 10.01867 |
| 34378 | GLOBAL | Cartesian | 47.16538 | 3.45 | 10.01867 | No | 47.16538 | 3.45 | 10.01867 |
| 34379 | GLOBAL | Cartesian | 47.35108 | 3.55 | 10.00036 | No | 47.35108 | 3.55 | 10.00036 |
| 34380 | GLOBAL | Cartesian | 47.35108 | 3.45 | 10.00036 | No | 47.35108 | 3.45 | 10.00036 |
| 34381 | GLOBAL | Cartesian | 47.53678 | 3.55 | 9.98205 | No | 47.53678 | 3.55 | 9.98205 |
| 34382 | GLOBAL | Cartesian | 47.53678 | 3.45 | 9.98205 | No | 47.53678 | 3.45 | 9.98205 |
| 34383 | GLOBAL | Cartesian | 47.72248 | 3.55 | 9.96375 | No | 47.72248 | 3.55 | 9.96375 |
| 34384 | GLOBAL | Cartesian | 47.72248 | 3.45 | 9.96375 | No | 47.72248 | 3.45 | 9.96375 |
| 34385 | GLOBAL | Cartesian | 47.82258 | 3.55 | 9.95388 | No | 47.82258 | 3.55 | 9.95388 |
| 34386 | GLOBAL | Cartesian | 47.82258 | 3.45 | 9.95388 | No | 47.82258 | 3.45 | 9.95388 |
| 34387 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.94401 | No | 47.92268 | 3.55 | 9.94401 |
| 34388 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.94401 | No | 47.92268 | 3.45 | 9.94401 |
| 34389 | GLOBAL | Cartesian | 48.11018 | 3.55 | 9.92553 | No | 48.11018 | 3.55 | 9.92553 |
| 34390 | GLOBAL | Cartesian | 48.11018 | 3.45 | 9.92553 | No | 48.11018 | 3.45 | 9.92553 |
| 34391 | GLOBAL | Cartesian | 48.29768 | 3.55 | 9.90704 | No | 48.29768 | 3.55 | 9.90704 |
| 34392 | GLOBAL | Cartesian | 48.29768 | 3.45 | 9.90704 | No | 48.29768 | 3.45 | 9.90704 |
| 34393 | GLOBAL | Cartesian | 48.48518 | 3.55 | 9.88856 | No | 48.48518 | 3.55 | 9.88856 |
| 34394 | GLOBAL | Cartesian | 48.48518 | 3.45 | 9.88856 | No | 48.48518 | 3.45 | 9.88856 |
| 34395 | GLOBAL | Cartesian | 48.67268 | 3.55 | 9.87007 | No | 48.67268 | 3.55 | 9.87007 |
| 34396 | GLOBAL | Cartesian | 48.67268 | 3.45 | 9.87007 | No | 48.67268 | 3.45 | 9.87007 |
| 34397 | GLOBAL | Cartesian | 48.86018 | 3.55 | 9.85159 | No | 48.86018 | 3.55 | 9.85159 |
| 34398 | GLOBAL | Cartesian | 48.86018 | 3.45 | 9.85159 | No | 48.86018 | 3.45 | 9.85159 |
| 34399 | GLOBAL | Cartesian | 49.04768 | 3.55 | 9.83311 | No | 49.04768 | 3.55 | 9.83311 |
| 34400 | GLOBAL | Cartesian | 49.04768 | 3.45 | 9.83311 | No | 49.04768 | 3.45 | 9.83311 |
| 34401 | GLOBAL | Cartesian | 49.23518 | 3.55 | 9.81462 | No | 49.23518 | 3.55 | 9.81462 |
| 34402 | GLOBAL | Cartesian | 49.23518 | 3.45 | 9.81462 | No | 49.23518 | 3.45 | 9.81462 |
| 34403 | GLOBAL | Cartesian | 49.42268 | 3.55 | 9.79614 | No | 49.42268 | 3.55 | 9.79614 |
| 34404 | GLOBAL | Cartesian | 49.42268 | 3.45 | 9.79614 | No | 49.42268 | 3.45 | 9.79614 |
| 34405 | GLOBAL | Cartesian | 49.61018 | 3.55 | 9.77765 | No | 49.61018 | 3.55 | 9.77765 |
| 34406 | GLOBAL | Cartesian | 49.61018 | 3.45 | 9.77765 | No | 49.61018 | 3.45 | 9.77765 |
| 34407 | GLOBAL | Cartesian | 49.79768 | 3.55 | 9.75917 | No | 49.79768 | 3.55 | 9.75917 |
| 34408 | GLOBAL | Cartesian | 49.79768 | 3.45 | 9.75917 | No | 49.79768 | 3.45 | 9.75917 |
| 34409 | GLOBAL | Cartesian | 49.98518 | 3.55 | 9.74069 | No | 49.98518 | 3.55 | 9.74069 |
| 34410 | GLOBAL | Cartesian | 49.98518 | 3.45 | 9.74069 | No | 49.98518 | 3.45 | 9.74069 |
| 34411 | GLOBAL | Cartesian | 50.17268 | 3.55 | 9.7222 | No | 50.17268 | 3.55 | 9.7222 |
| 34412 | GLOBAL | Cartesian | 50.17268 | 3.45 | 9.7222 | No | 50.17268 | 3.45 | 9.7222 |
| 34413 | GLOBAL | Cartesian | 50.36018 | 3.55 | 9.70372 | No | 50.36018 | 3.55 | 9.70372 |
| 34414 | GLOBAL | Cartesian | 50.36018 | 3.45 | 9.70372 | No | 50.36018 | 3.45 | 9.70372 |
| 34415 | GLOBAL | Cartesian | 50.54768 | 3.55 | 9.68523 | No | 50.54768 | 3.55 | 9.68523 |
| 34416 | GLOBAL | Cartesian | 50.54768 | 3.45 | 9.68523 | No | 50.54768 | 3.45 | 9.68523 |
| 34417 | GLOBAL | Cartesian | 50.73518 | 3.55 | 9.66675 | No | 50.73518 | 3.55 | 9.66675 |
| 34418 | GLOBAL | Cartesian | 50.73518 | 3.45 | 9.66675 | No | 50.73518 | 3.45 | 9.66675 |
| 34419 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.64826 | No | 50.92268 | 3.55 | 9.64826 |
| 34420 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.64826 | No | 50.92268 | 3.45 | 9.64826 |
| 34421 | GLOBAL | Cartesian | 51.11018 | 3.55 | 9.62978 | No | 51.11018 | 3.55 | 9.62978 |
| 34422 | GLOBAL | Cartesian | 51.11018 | 3.45 | 9.62978 | No | 51.11018 | 3.45 | 9.62978 |
| 34423 | GLOBAL | Cartesian | 51.29768 | 3.55 | 9.6113 | No | 51.29768 | 3.55 | 9.6113 |
| 34424 | GLOBAL | Cartesian | 51.29768 | 3.45 | 9.6113 | No | 51.29768 | 3.45 | 9.6113 |
| 34425 | GLOBAL | Cartesian | 51.48518 | 3.55 | 9.59281 | No | 51.48518 | 3.55 | 9.59281 |
| 34426 | GLOBAL | Cartesian | 51.48518 | 3.45 | 9.59281 | No | 51.48518 | 3.45 | 9.59281 |
| 34427 | GLOBAL | Cartesian | 51.67268 | 3.55 | 9.57433 | No | 51.67268 | 3.55 | 9.57433 |
| 34428 | GLOBAL | Cartesian | 51.67268 | 3.45 | 9.57433 | No | 51.67268 | 3.45 | 9.57433 |
| 34429 | GLOBAL | Cartesian | 51.86018 | 3.55 | 9.55584 | No | 51.86018 | 3.55 | 9.55584 |
| 34430 | GLOBAL | Cartesian | 51.86018 | 3.45 | 9.55584 | No | 51.86018 | 3.45 | 9.55584 |
| 34431 | GLOBAL | Cartesian | 52.04768 | 3.55 | 9.53736 | No | 52.04768 | 3.55 | 9.53736 |
| 34432 | GLOBAL | Cartesian | 52.04768 | 3.45 | 9.53736 | No | 52.04768 | 3.45 | 9.53736 |
| 34433 | GLOBAL | Cartesian | 52.23518 | 3.55 | 9.51888 | No | 52.23518 | 3.55 | 9.51888 |
| 34434 | GLOBAL | Cartesian | 52.23518 | 3.45 | 9.51888 | No | 52.23518 | 3.45 | 9.51888 |
| 34435 | GLOBAL | Cartesian | 52.42268 | 3.55 | 9.50039 | No | 52.42268 | 3.55 | 9.50039 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34436 | GLOBAL | Cartesian | 52.42268 | 3.45 | 9.50039 | No | 52.42268 | 3.45 | 9.50039 |
| 34437 | GLOBAL | Cartesian | 52.61018 | 3.55 | 9.48191 | No | 52.61018 | 3.55 | 9.48191 |
| 34438 | GLOBAL | Cartesian | 52.61018 | 3.45 | 9.48191 | No | 52.61018 | 3.45 | 9.48191 |
| 34439 | GLOBAL | Cartesian | 52.79768 | 3.55 | 9.46342 | No | 52.79768 | 3.55 | 9.46342 |
| 34440 | GLOBAL | Cartesian | 52.79768 | 3.45 | 9.46342 | No | 52.79768 | 3.45 | 9.46342 |
| 34441 | GLOBAL | Cartesian | 52.98518 | 3.55 | 9.44494 | No | 52.98518 | 3.55 | 9.44494 |
| 34442 | GLOBAL | Cartesian | 52.98518 | 3.45 | 9.44494 | No | 52.98518 | 3.45 | 9.44494 |
| 34443 | GLOBAL | Cartesian | 53.17268 | 3.55 | 9.42645 | No | 53.17268 | 3.55 | 9.42645 |
| 34444 | GLOBAL | Cartesian | 53.17268 | 3.45 | 9.42645 | No | 53.17268 | 3.45 | 9.42645 |
| 34445 | GLOBAL | Cartesian | 53.36018 | 3.55 | 9.40797 | No | 53.36018 | 3.55 | 9.40797 |
| 34446 | GLOBAL | Cartesian | 53.36018 | 3.45 | 9.40797 | No | 53.36018 | 3.45 | 9.40797 |
| 34447 | GLOBAL | Cartesian | 53.54768 | 3.55 | 9.38949 | No | 53.54768 | 3.55 | 9.38949 |
| 34448 | GLOBAL | Cartesian | 53.54768 | 3.45 | 9.38949 | No | 53.54768 | 3.45 | 9.38949 |
| 34449 | GLOBAL | Cartesian | 53.73518 | 3.55 | 9.371 | No | 53.73518 | 3.55 | 9.371 |
| 34450 | GLOBAL | Cartesian | 53.73518 | 3.45 | 9.371 | No | 53.73518 | 3.45 | 9.371 |
| 34451 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.35252 | No | 53.92268 | 3.55 | 9.35252 |
| 34452 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.35252 | No | 53.92268 | 3.45 | 9.35252 |
| 34453 | GLOBAL | Cartesian | 31.60556 | 3.55 | 8.28784 | No | 31.60556 | 3.55 | 8.28784 |
| 34454 | GLOBAL | Cartesian | 31.42268 | 3.55 | 8.28784 | No | 31.42268 | 3.55 | 8.28784 |
| 34455 | GLOBAL | Cartesian | 31.60556 | 3.45 | 8.28784 | No | 31.60556 | 3.45 | 8.28784 |
| 34456 | GLOBAL | Cartesian | 31.42268 | 3.45 | 8.28784 | No | 31.42268 | 3.45 | 8.28784 |
| 34457 | GLOBAL | Cartesian | 31.78843 | 3.55 | 8.28784 | No | 31.78843 | 3.55 | 8.28784 |
| 34458 | GLOBAL | Cartesian | 31.78843 | 3.45 | 8.28784 | No | 31.78843 | 3.45 | 8.28784 |
| 34459 | GLOBAL | Cartesian | 31.97131 | 3.55 | 8.28784 | No | 31.97131 | 3.55 | 8.28784 |
| 34460 | GLOBAL | Cartesian | 31.97131 | 3.45 | 8.28784 | No | 31.97131 | 3.45 | 8.28784 |
| 34461 | GLOBAL | Cartesian | 32.15419 | 3.55 | 8.28784 | No | 32.15419 | 3.55 | 8.28784 |
| 34462 | GLOBAL | Cartesian | 32.15419 | 3.45 | 8.28784 | No | 32.15419 | 3.45 | 8.28784 |
| 34463 | GLOBAL | Cartesian | 32.34368 | 3.55 | 8.28784 | No | 32.34368 | 3.55 | 8.28784 |
| 34464 | GLOBAL | Cartesian | 32.34368 | 3.45 | 8.28784 | No | 32.34368 | 3.45 | 8.28784 |
| 34465 | GLOBAL | Cartesian | 32.53318 | 3.55 | 8.28784 | No | 32.53318 | 3.55 | 8.28784 |
| 34466 | GLOBAL | Cartesian | 32.53318 | 3.45 | 8.28784 | No | 32.53318 | 3.45 | 8.28784 |
| 34467 | GLOBAL | Cartesian | 32.72268 | 3.55 | 8.28784 | No | 32.72268 | 3.55 | 8.28784 |
| 34468 | GLOBAL | Cartesian | 32.72268 | 3.45 | 8.28784 | No | 32.72268 | 3.45 | 8.28784 |
| 34469 | GLOBAL | Cartesian | 32.82268 | 3.55 | 8.28784 | No | 32.82268 | 3.55 | 8.28784 |
| 34470 | GLOBAL | Cartesian | 32.82268 | 3.45 | 8.28784 | No | 32.82268 | 3.45 | 8.28784 |
| 34471 | GLOBAL | Cartesian | 32.92268 | 3.55 | 8.28784 | No | 32.92268 | 3.55 | 8.28784 |
| 34472 | GLOBAL | Cartesian | 32.92268 | 3.45 | 8.28784 | No | 32.92268 | 3.45 | 8.28784 |
| 34473 | GLOBAL | Cartesian | 33.02268 | 3.55 | 8.28697 | No | 33.02268 | 3.55 | 8.28697 |
| 34474 | GLOBAL | Cartesian | 33.02268 | 3.45 | 8.28697 | No | 33.02268 | 3.45 | 8.28697 |
| 34475 | GLOBAL | Cartesian | 33.12268 | 3.55 | 8.2861 | No | 33.12268 | 3.55 | 8.2861 |
| 34476 | GLOBAL | Cartesian | 33.12268 | 3.45 | 8.2861 | No | 33.12268 | 3.45 | 8.2861 |
| 34477 | GLOBAL | Cartesian | 33.27718 | 3.55 | 8.28464 | No | 33.27718 | 3.55 | 8.28464 |
| 34478 | GLOBAL | Cartesian | 33.27718 | 3.45 | 8.28464 | No | 33.27718 | 3.45 | 8.28464 |
| 34479 | GLOBAL | Cartesian | 33.43168 | 3.55 | 8.28317 | No | 33.43168 | 3.55 | 8.28317 |
| 34480 | GLOBAL | Cartesian | 33.43168 | 3.45 | 8.28317 | No | 33.43168 | 3.45 | 8.28317 |
| 34481 | GLOBAL | Cartesian | 33.58618 | 3.55 | 8.28171 | No | 33.58618 | 3.55 | 8.28171 |
| 34482 | GLOBAL | Cartesian | 33.58618 | 3.45 | 8.28171 | No | 33.58618 | 3.45 | 8.28171 |
| 34483 | GLOBAL | Cartesian | 33.74068 | 3.55 | 8.28025 | No | 33.74068 | 3.55 | 8.28025 |
| 34484 | GLOBAL | Cartesian | 33.74068 | 3.45 | 8.28025 | No | 33.74068 | 3.45 | 8.28025 |
| 34485 | GLOBAL | Cartesian | 33.93889 | 3.55 | 8.27837 | No | 33.93889 | 3.55 | 8.27837 |
| 34486 | GLOBAL | Cartesian | 33.93889 | 3.45 | 8.27837 | No | 33.93889 | 3.45 | 8.27837 |
| 34487 | GLOBAL | Cartesian | 34.13709 | 3.55 | 8.27649 | No | 34.13709 | 3.55 | 8.27649 |
| 34488 | GLOBAL | Cartesian | 34.13709 | 3.45 | 8.27649 | No | 34.13709 | 3.45 | 8.27649 |
| 34489 | GLOBAL | Cartesian | 34.33529 | 3.55 | 8.27462 | No | 34.33529 | 3.55 | 8.27462 |
| 34490 | GLOBAL | Cartesian | 34.33529 | 3.45 | 8.27462 | No | 34.33529 | 3.45 | 8.27462 |
| 34491 | GLOBAL | Cartesian | 34.53349 | 3.55 | 8.27274 | No | 34.53349 | 3.55 | 8.27274 |
| 34492 | GLOBAL | Cartesian | 34.53349 | 3.45 | 8.27274 | No | 34.53349 | 3.45 | 8.27274 |
| 34493 | GLOBAL | Cartesian | 34.73169 | 3.55 | 8.27086 | No | 34.73169 | 3.55 | 8.27086 |
| 34494 | GLOBAL | Cartesian | 34.73169 | 3.45 | 8.27086 | No | 34.73169 | 3.45 | 8.27086 |
| 34495 | GLOBAL | Cartesian | 34.92989 | 3.55 | 8.26898 | No | 34.92989 | 3.55 | 8.26898 |
| 34496 | GLOBAL | Cartesian | 34.92989 | 3.45 | 8.26898 | No | 34.92989 | 3.45 | 8.26898 |
| 34497 | GLOBAL | Cartesian | 35.12809 | 3.55 | 8.26711 | No | 35.12809 | 3.55 | 8.26711 |
| 34498 | GLOBAL | Cartesian | 35.12809 | 3.45 | 8.26711 | No | 35.12809 | 3.45 | 8.26711 |
| 34499 | GLOBAL | Cartesian | 35.32629 | 3.55 | 8.26523 | No | 35.32629 | 3.55 | 8.26523 |
| 34500 | GLOBAL | Cartesian | 35.32629 | 3.45 | 8.26523 | No | 35.32629 | 3.45 | 8.26523 |
| 34501 | GLOBAL | Cartesian | 35.5245 | 3.55 | 8.26335 | No | 35.5245 | 3.55 | 8.26335 |
| 34502 | GLOBAL | Cartesian | 35.5245 | 3.45 | 8.26335 | No | 35.5245 | 3.45 | 8.26335 |
| 34503 | GLOBAL | Cartesian | 35.7227 | 3.55 | 8.26147 | No | 35.7227 | 3.55 | 8.26147 |
| 34504 | GLOBAL | Cartesian | 35.7227 | 3.45 | 8.26147 | No | 35.7227 | 3.45 | 8.26147 |
| 34505 | GLOBAL | Cartesian | 35.82269 | 3.55 | 8.26053 | No | 35.82269 | 3.55 | 8.26053 |
| 34506 | GLOBAL | Cartesian | 35.82269 | 3.45 | 8.26053 | No | 35.82269 | 3.45 | 8.26053 |
| 34507 | GLOBAL | Cartesian | 35.92268 | 3.55 | 8.25958 | No | 35.92268 | 3.55 | 8.25958 |
| 34508 | GLOBAL | Cartesian | 35.92268 | 3.45 | 8.25958 | No | 35.92268 | 3.45 | 8.25958 |
| 34509 | GLOBAL | Cartesian | 36.02268 | 3.55 | 8.25778 | No | 36.02268 | 3.55 | 8.25778 |
| 34510 | GLOBAL | Cartesian | 36.02268 | 3.45 | 8.25778 | No | 36.02268 | 3.45 | 8.25778 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34511 | GLOBAL | Cartesian | 36.12268 | 3.55 | 8.25599 | No | 36.12268 | 3.55 | 8.25599 |
| 34512 | GLOBAL | Cartesian | 36.12268 | 3.45 | 8.25599 | No | 36.12268 | 3.45 | 8.25599 |
| 34513 | GLOBAL | Cartesian | 36.29469 | 3.55 | 8.25279 | No | 36.29469 | 3.55 | 8.25279 |
| 34514 | GLOBAL | Cartesian | 36.29469 | 3.45 | 8.25279 | No | 36.29469 | 3.45 | 8.25279 |
| 34515 | GLOBAL | Cartesian | 36.4667 | 3.55 | 8.24959 | No | 36.4667 | 3.55 | 8.24959 |
| 34516 | GLOBAL | Cartesian | 36.4667 | 3.45 | 8.24959 | No | 36.4667 | 3.45 | 8.24959 |
| 34517 | GLOBAL | Cartesian | 36.63871 | 3.55 | 8.24639 | No | 36.63871 | 3.55 | 8.24639 |
| 34518 | GLOBAL | Cartesian | 36.63871 | 3.45 | 8.24639 | No | 36.63871 | 3.45 | 8.24639 |
| 34519 | GLOBAL | Cartesian | 36.81072 | 3.55 | 8.24319 | No | 36.81072 | 3.55 | 8.24319 |
| 34520 | GLOBAL | Cartesian | 36.81072 | 3.45 | 8.24319 | No | 36.81072 | 3.45 | 8.24319 |
| 34521 | GLOBAL | Cartesian | 37.00192 | 3.55 | 8.23963 | No | 37.00192 | 3.55 | 8.23963 |
| 34522 | GLOBAL | Cartesian | 37.00192 | 3.45 | 8.23963 | No | 37.00192 | 3.45 | 8.23963 |
| 34523 | GLOBAL | Cartesian | 37.19311 | 3.55 | 8.23607 | No | 37.19311 | 3.55 | 8.23607 |
| 34524 | GLOBAL | Cartesian | 37.19311 | 3.45 | 8.23607 | No | 37.19311 | 3.45 | 8.23607 |
| 34525 | GLOBAL | Cartesian | 37.38431 | 3.55 | 8.23252 | No | 37.38431 | 3.55 | 8.23252 |
| 34526 | GLOBAL | Cartesian | 37.38431 | 3.45 | 8.23252 | No | 37.38431 | 3.45 | 8.23252 |
| 34527 | GLOBAL | Cartesian | 37.5755 | 3.55 | 8.22896 | No | 37.5755 | 3.55 | 8.22896 |
| 34528 | GLOBAL | Cartesian | 37.5755 | 3.45 | 8.22896 | No | 37.5755 | 3.45 | 8.22896 |
| 34529 | GLOBAL | Cartesian | 37.7667 | 3.55 | 8.2254 | No | 37.7667 | 3.55 | 8.2254 |
| 34530 | GLOBAL | Cartesian | 37.7667 | 3.45 | 8.2254 | No | 37.7667 | 3.45 | 8.2254 |
| 34531 | GLOBAL | Cartesian | 37.9579 | 3.55 | 8.22184 | No | 37.9579 | 3.55 | 8.22184 |
| 34532 | GLOBAL | Cartesian | 37.9579 | 3.45 | 8.22184 | No | 37.9579 | 3.45 | 8.22184 |
| 34533 | GLOBAL | Cartesian | 38.14909 | 3.55 | 8.21829 | No | 38.14909 | 3.55 | 8.21829 |
| 34534 | GLOBAL | Cartesian | 38.14909 | 3.45 | 8.21829 | No | 38.14909 | 3.45 | 8.21829 |
| 34535 | GLOBAL | Cartesian | 38.34029 | 3.55 | 8.21473 | No | 38.34029 | 3.55 | 8.21473 |
| 34536 | GLOBAL | Cartesian | 38.34029 | 3.45 | 8.21473 | No | 38.34029 | 3.45 | 8.21473 |
| 34537 | GLOBAL | Cartesian | 38.53148 | 3.55 | 8.21117 | No | 38.53148 | 3.55 | 8.21117 |
| 34538 | GLOBAL | Cartesian | 38.53148 | 3.45 | 8.21117 | No | 38.53148 | 3.45 | 8.21117 |
| 34539 | GLOBAL | Cartesian | 38.72268 | 3.55 | 8.20761 | No | 38.72268 | 3.55 | 8.20761 |
| 34540 | GLOBAL | Cartesian | 38.72268 | 3.45 | 8.20761 | No | 38.72268 | 3.45 | 8.20761 |
| 34541 | GLOBAL | Cartesian | 38.82268 | 3.55 | 8.20575 | No | 38.82268 | 3.55 | 8.20575 |
| 34542 | GLOBAL | Cartesian | 38.82268 | 3.45 | 8.20575 | No | 38.82268 | 3.45 | 8.20575 |
| 34543 | GLOBAL | Cartesian | 38.92268 | 3.55 | 8.20389 | No | 38.92268 | 3.55 | 8.20389 |
| 34544 | GLOBAL | Cartesian | 38.92268 | 3.45 | 8.20389 | No | 38.92268 | 3.45 | 8.20389 |
| 34545 | GLOBAL | Cartesian | 39.02323 | 3.55 | 8.20116 | No | 39.02323 | 3.55 | 8.20116 |
| 34546 | GLOBAL | Cartesian | 39.02323 | 3.45 | 8.20116 | No | 39.02323 | 3.45 | 8.20116 |
| 34547 | GLOBAL | Cartesian | 39.12377 | 3.55 | 8.19843 | No | 39.12377 | 3.55 | 8.19843 |
| 34548 | GLOBAL | Cartesian | 39.12377 | 3.45 | 8.19843 | No | 39.12377 | 3.45 | 8.19843 |
| 34549 | GLOBAL | Cartesian | 39.31489 | 3.55 | 8.19313 | No | 39.31489 | 3.55 | 8.19313 |
| 34550 | GLOBAL | Cartesian | 39.31489 | 3.45 | 8.19313 | No | 39.31489 | 3.45 | 8.19313 |
| 34551 | GLOBAL | Cartesian | 39.50601 | 3.55 | 8.18782 | No | 39.50601 | 3.55 | 8.18782 |
| 34552 | GLOBAL | Cartesian | 39.50601 | 3.45 | 8.18782 | No | 39.50601 | 3.45 | 8.18782 |
| 34553 | GLOBAL | Cartesian | 39.69713 | 3.55 | 8.18252 | No | 39.69713 | 3.55 | 8.18252 |
| 34554 | GLOBAL | Cartesian | 39.69713 | 3.45 | 8.18252 | No | 39.69713 | 3.45 | 8.18252 |
| 34555 | GLOBAL | Cartesian | 39.88825 | 3.55 | 8.17722 | No | 39.88825 | 3.55 | 8.17722 |
| 34556 | GLOBAL | Cartesian | 39.88825 | 3.45 | 8.17722 | No | 39.88825 | 3.45 | 8.17722 |
| 34557 | GLOBAL | Cartesian | 40.07167 | 3.55 | 8.17213 | No | 40.07167 | 3.55 | 8.17213 |
| 34558 | GLOBAL | Cartesian | 40.07167 | 3.45 | 8.17213 | No | 40.07167 | 3.45 | 8.17213 |
| 34559 | GLOBAL | Cartesian | 40.25509 | 3.55 | 8.16704 | No | 40.25509 | 3.55 | 8.16704 |
| 34560 | GLOBAL | Cartesian | 40.25509 | 3.45 | 8.16704 | No | 40.25509 | 3.45 | 8.16704 |
| 34561 | GLOBAL | Cartesian | 40.43851 | 3.55 | 8.16195 | No | 40.43851 | 3.55 | 8.16195 |
| 34562 | GLOBAL | Cartesian | 40.43851 | 3.45 | 8.16195 | No | 40.43851 | 3.45 | 8.16195 |
| 34563 | GLOBAL | Cartesian | 40.62194 | 3.55 | 8.15687 | No | 40.62194 | 3.55 | 8.15687 |
| 34564 | GLOBAL | Cartesian | 40.62194 | 3.45 | 8.15687 | No | 40.62194 | 3.45 | 8.15687 |
| 34565 | GLOBAL | Cartesian | 40.80536 | 3.55 | 8.15178 | No | 40.80536 | 3.55 | 8.15178 |
| 34566 | GLOBAL | Cartesian | 40.80536 | 3.45 | 8.15178 | No | 40.80536 | 3.45 | 8.15178 |
| 34567 | GLOBAL | Cartesian | 40.98878 | 3.55 | 8.14669 | No | 40.98878 | 3.55 | 8.14669 |
| 34568 | GLOBAL | Cartesian | 40.98878 | 3.45 | 8.14669 | No | 40.98878 | 3.45 | 8.14669 |
| 34569 | GLOBAL | Cartesian | 41.1722 | 3.55 | 8.1416 | No | 41.1722 | 3.55 | 8.1416 |
| 34570 | GLOBAL | Cartesian | 41.1722 | 3.45 | 8.1416 | No | 41.1722 | 3.45 | 8.1416 |
| 34571 | GLOBAL | Cartesian | 41.35563 | 3.55 | 8.13651 | No | 41.35563 | 3.55 | 8.13651 |
| 34572 | GLOBAL | Cartesian | 41.35563 | 3.45 | 8.13651 | No | 41.35563 | 3.45 | 8.13651 |
| 34573 | GLOBAL | Cartesian | 41.53905 | 3.55 | 8.13142 | No | 41.53905 | 3.55 | 8.13142 |
| 34574 | GLOBAL | Cartesian | 41.53905 | 3.45 | 8.13142 | No | 41.53905 | 3.45 | 8.13142 |
| 34575 | GLOBAL | Cartesian | 41.72247 | 3.55 | 8.12633 | No | 41.72247 | 3.55 | 8.12633 |
| 34576 | GLOBAL | Cartesian | 41.72247 | 3.45 | 8.12633 | No | 41.72247 | 3.45 | 8.12633 |
| 34577 | GLOBAL | Cartesian | 41.82258 | 3.55 | 8.12356 | No | 41.82258 | 3.55 | 8.12356 |
| 34578 | GLOBAL | Cartesian | 41.82258 | 3.45 | 8.12356 | No | 41.82258 | 3.45 | 8.12356 |
| 34579 | GLOBAL | Cartesian | 41.92268 | 3.55 | 8.12078 | No | 41.92268 | 3.55 | 8.12078 |
| 34580 | GLOBAL | Cartesian | 41.92268 | 3.45 | 8.12078 | No | 41.92268 | 3.45 | 8.12078 |
| 34581 | GLOBAL | Cartesian | 42.02285 | 3.55 | 8.11713 | No | 42.02285 | 3.55 | 8.11713 |
| 34582 | GLOBAL | Cartesian | 42.02285 | 3.45 | 8.11713 | No | 42.02285 | 3.45 | 8.11713 |
| 34583 | GLOBAL | Cartesian | 42.12302 | 3.55 | 8.11348 | No | 42.12302 | 3.55 | 8.11348 |
| 34584 | GLOBAL | Cartesian | 42.12302 | 3.45 | 8.11348 | No | 42.12302 | 3.45 | 8.11348 |
| 34585 | GLOBAL | Cartesian | 42.29162 | 3.55 | 8.10726 | No | 42.29162 | 3.55 | 8.10726 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34586 | GLOBAL | Cartesian | 42.29162 | 3.45 | 8.10726 | No | 42.29162 | 3.45 | 8.10726 |
| 34587 | GLOBAL | Cartesian | 42.46022 | 3.55 | 8.10104 | No | 42.46022 | 3.55 | 8.10104 |
| 34588 | GLOBAL | Cartesian | 42.46022 | 3.45 | 8.10104 | No | 42.46022 | 3.45 | 8.10104 |
| 34589 | GLOBAL | Cartesian | 42.62882 | 3.55 | 8.09482 | No | 42.62882 | 3.55 | 8.09482 |
| 34590 | GLOBAL | Cartesian | 42.62882 | 3.45 | 8.09482 | No | 42.62882 | 3.45 | 8.09482 |
| 34591 | GLOBAL | Cartesian | 42.79742 | 3.55 | 8.08861 | No | 42.79742 | 3.55 | 8.08861 |
| 34592 | GLOBAL | Cartesian | 42.79742 | 3.45 | 8.08861 | No | 42.79742 | 3.45 | 8.08861 |
| 34593 | GLOBAL | Cartesian | 42.96602 | 3.55 | 8.08239 | No | 42.96602 | 3.55 | 8.08239 |
| 34594 | GLOBAL | Cartesian | 42.96602 | 3.45 | 8.08239 | No | 42.96602 | 3.45 | 8.08239 |
| 34595 | GLOBAL | Cartesian | 43.16118 | 3.55 | 8.07519 | No | 43.16118 | 3.55 | 8.07519 |
| 34596 | GLOBAL | Cartesian | 43.16118 | 3.45 | 8.07519 | No | 43.16118 | 3.45 | 8.07519 |
| 34597 | GLOBAL | Cartesian | 43.35634 | 3.55 | 8.06799 | No | 43.35634 | 3.55 | 8.06799 |
| 34598 | GLOBAL | Cartesian | 43.35634 | 3.45 | 8.06799 | No | 43.35634 | 3.45 | 8.06799 |
| 34599 | GLOBAL | Cartesian | 43.5515 | 3.55 | 8.06079 | No | 43.5515 | 3.55 | 8.06079 |
| 34600 | GLOBAL | Cartesian | 43.5515 | 3.45 | 8.06079 | No | 43.5515 | 3.45 | 8.06079 |
| 34601 | GLOBAL | Cartesian | 43.74667 | 3.55 | 8.05359 | No | 43.74667 | 3.55 | 8.05359 |
| 34602 | GLOBAL | Cartesian | 43.74667 | 3.45 | 8.05359 | No | 43.74667 | 3.45 | 8.05359 |
| 34603 | GLOBAL | Cartesian | 43.94183 | 3.55 | 8.04639 | No | 43.94183 | 3.55 | 8.04639 |
| 34604 | GLOBAL | Cartesian | 43.94183 | 3.45 | 8.04639 | No | 43.94183 | 3.45 | 8.04639 |
| 34605 | GLOBAL | Cartesian | 44.13699 | 3.55 | 8.0392 | No | 44.13699 | 3.55 | 8.0392 |
| 34606 | GLOBAL | Cartesian | 44.13699 | 3.45 | 8.0392 | No | 44.13699 | 3.45 | 8.0392 |
| 34607 | GLOBAL | Cartesian | 44.33215 | 3.55 | 8.032 | No | 44.33215 | 3.55 | 8.032 |
| 34608 | GLOBAL | Cartesian | 44.33215 | 3.45 | 8.032 | No | 44.33215 | 3.45 | 8.032 |
| 34609 | GLOBAL | Cartesian | 44.52732 | 3.55 | 8.0248 | No | 44.52732 | 3.55 | 8.0248 |
| 34610 | GLOBAL | Cartesian | 44.52732 | 3.45 | 8.0248 | No | 44.52732 | 3.45 | 8.0248 |
| 34611 | GLOBAL | Cartesian | 44.72248 | 3.55 | 8.0176 | No | 44.72248 | 3.55 | 8.0176 |
| 34612 | GLOBAL | Cartesian | 44.72248 | 3.45 | 8.0176 | No | 44.72248 | 3.45 | 8.0176 |
| 34613 | GLOBAL | Cartesian | 44.82258 | 3.55 | 8.01391 | No | 44.82258 | 3.55 | 8.01391 |
| 34614 | GLOBAL | Cartesian | 44.82258 | 3.45 | 8.01391 | No | 44.82258 | 3.45 | 8.01391 |
| 34615 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.01022 | No | 44.92268 | 3.55 | 8.01022 |
| 34616 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.01022 | No | 44.92268 | 3.45 | 8.01022 |
| 34617 | GLOBAL | Cartesian | 45.02268 | 3.55 | 8.00564 | No | 45.02268 | 3.55 | 8.00564 |
| 34618 | GLOBAL | Cartesian | 45.02268 | 3.45 | 8.00564 | No | 45.02268 | 3.45 | 8.00564 |
| 34619 | GLOBAL | Cartesian | 45.12268 | 3.55 | 8.00107 | No | 45.12268 | 3.55 | 8.00107 |
| 34620 | GLOBAL | Cartesian | 45.12268 | 3.45 | 8.00107 | No | 45.12268 | 3.45 | 8.00107 |
| 34621 | GLOBAL | Cartesian | 45.30927 | 3.55 | 7.99248 | No | 45.30927 | 3.55 | 7.99248 |
| 34622 | GLOBAL | Cartesian | 45.30927 | 3.45 | 7.99248 | No | 45.30927 | 3.45 | 7.99248 |
| 34623 | GLOBAL | Cartesian | 45.49586 | 3.55 | 7.98389 | No | 45.49586 | 3.55 | 7.98389 |
| 34624 | GLOBAL | Cartesian | 45.49586 | 3.45 | 7.98389 | No | 45.49586 | 3.45 | 7.98389 |
| 34625 | GLOBAL | Cartesian | 45.68246 | 3.55 | 7.9753 | No | 45.68246 | 3.55 | 7.9753 |
| 34626 | GLOBAL | Cartesian | 45.68246 | 3.45 | 7.9753 | No | 45.68246 | 3.45 | 7.9753 |
| 34627 | GLOBAL | Cartesian | 45.86905 | 3.55 | 7.96671 | No | 45.86905 | 3.55 | 7.96671 |
| 34628 | GLOBAL | Cartesian | 45.86905 | 3.45 | 7.96671 | No | 45.86905 | 3.45 | 7.96671 |
| 34629 | GLOBAL | Cartesian | 46.05564 | 3.55 | 7.95812 | No | 46.05564 | 3.55 | 7.95812 |
| 34630 | GLOBAL | Cartesian | 46.05564 | 3.45 | 7.95812 | No | 46.05564 | 3.45 | 7.95812 |
| 34631 | GLOBAL | Cartesian | 46.24085 | 3.55 | 7.9496 | No | 46.24085 | 3.55 | 7.9496 |
| 34632 | GLOBAL | Cartesian | 46.24085 | 3.45 | 7.9496 | No | 46.24085 | 3.45 | 7.9496 |
| 34633 | GLOBAL | Cartesian | 46.42605 | 3.55 | 7.94107 | No | 46.42605 | 3.55 | 7.94107 |
| 34634 | GLOBAL | Cartesian | 46.42605 | 3.45 | 7.94107 | No | 46.42605 | 3.45 | 7.94107 |
| 34635 | GLOBAL | Cartesian | 46.61125 | 3.55 | 7.93255 | No | 46.61125 | 3.55 | 7.93255 |
| 34636 | GLOBAL | Cartesian | 46.61125 | 3.45 | 7.93255 | No | 46.61125 | 3.45 | 7.93255 |
| 34637 | GLOBAL | Cartesian | 46.79646 | 3.55 | 7.92402 | No | 46.79646 | 3.55 | 7.92402 |
| 34638 | GLOBAL | Cartesian | 46.79646 | 3.45 | 7.92402 | No | 46.79646 | 3.45 | 7.92402 |
| 34639 | GLOBAL | Cartesian | 46.98166 | 3.55 | 7.9155 | No | 46.98166 | 3.55 | 7.9155 |
| 34640 | GLOBAL | Cartesian | 46.98166 | 3.45 | 7.9155 | No | 46.98166 | 3.45 | 7.9155 |
| 34641 | GLOBAL | Cartesian | 47.16687 | 3.55 | 7.90697 | No | 47.16687 | 3.55 | 7.90697 |
| 34642 | GLOBAL | Cartesian | 47.16687 | 3.45 | 7.90697 | No | 47.16687 | 3.45 | 7.90697 |
| 34643 | GLOBAL | Cartesian | 47.35207 | 3.55 | 7.89845 | No | 47.35207 | 3.55 | 7.89845 |
| 34644 | GLOBAL | Cartesian | 47.35207 | 3.45 | 7.89845 | No | 47.35207 | 3.45 | 7.89845 |
| 34645 | GLOBAL | Cartesian | 47.53727 | 3.55 | 7.88992 | No | 47.53727 | 3.55 | 7.88992 |
| 34646 | GLOBAL | Cartesian | 47.53727 | 3.45 | 7.88992 | No | 47.53727 | 3.45 | 7.88992 |
| 34647 | GLOBAL | Cartesian | 47.72248 | 3.55 | 7.8814 | No | 47.72248 | 3.55 | 7.8814 |
| 34648 | GLOBAL | Cartesian | 47.72248 | 3.45 | 7.8814 | No | 47.72248 | 3.45 | 7.8814 |
| 34649 | GLOBAL | Cartesian | 47.82258 | 3.55 | 7.87679 | No | 47.82258 | 3.55 | 7.87679 |
| 34650 | GLOBAL | Cartesian | 47.82258 | 3.45 | 7.87679 | No | 47.82258 | 3.45 | 7.87679 |
| 34651 | GLOBAL | Cartesian | 31.60556 | 3.75 | 8.28784 | No | 31.60556 | 3.75 | 8.28784 |
| 34652 | GLOBAL | Cartesian | 31.42268 | 3.75 | 8.28784 | No | 31.42268 | 3.75 | 8.28784 |
| 34653 | GLOBAL | Cartesian | 31.60556 | 3.85 | 8.28784 | No | 31.60556 | 3.85 | 8.28784 |
| 34654 | GLOBAL | Cartesian | 31.42268 | 3.85 | 8.28784 | No | 31.42268 | 3.85 | 8.28784 |
| 34655 | GLOBAL | Cartesian | 31.78843 | 3.75 | 8.28784 | No | 31.78843 | 3.75 | 8.28784 |
| 34656 | GLOBAL | Cartesian | 31.78843 | 3.85 | 8.28784 | No | 31.78843 | 3.85 | 8.28784 |
| 34657 | GLOBAL | Cartesian | 31.97131 | 3.75 | 8.28784 | No | 31.97131 | 3.75 | 8.28784 |
| 34658 | GLOBAL | Cartesian | 31.97131 | 3.85 | 8.28784 | No | 31.97131 | 3.85 | 8.28784 |
| 34659 | GLOBAL | Cartesian | 32.15419 | 3.75 | 8.28784 | No | 32.15419 | 3.75 | 8.28784 |
| 34660 | GLOBAL | Cartesian | 32.15419 | 3.85 | 8.28784 | No | 32.15419 | 3.85 | 8.28784 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34661 | GLOBAL | Cartesian | 32.34368 | 3.75 | 8.28784 | No | 32.34368 | 3.75 | 8.28784 |
| 34662 | GLOBAL | Cartesian | 32.34368 | 3.85 | 8.28784 | No | 32.34368 | 3.85 | 8.28784 |
| 34663 | GLOBAL | Cartesian | 32.53318 | 3.75 | 8.28784 | No | 32.53318 | 3.75 | 8.28784 |
| 34664 | GLOBAL | Cartesian | 32.53318 | 3.85 | 8.28784 | No | 32.53318 | 3.85 | 8.28784 |
| 34665 | GLOBAL | Cartesian | 32.72268 | 3.75 | 8.28784 | No | 32.72268 | 3.75 | 8.28784 |
| 34666 | GLOBAL | Cartesian | 32.72268 | 3.85 | 8.28784 | No | 32.72268 | 3.85 | 8.28784 |
| 34667 | GLOBAL | Cartesian | 32.82268 | 3.75 | 8.28784 | No | 32.82268 | 3.75 | 8.28784 |
| 34668 | GLOBAL | Cartesian | 32.82268 | 3.85 | 8.28784 | No | 32.82268 | 3.85 | 8.28784 |
| 34669 | GLOBAL | Cartesian | 32.92268 | 3.75 | 8.28784 | No | 32.92268 | 3.75 | 8.28784 |
| 34670 | GLOBAL | Cartesian | 32.92268 | 3.85 | 8.28784 | No | 32.92268 | 3.85 | 8.28784 |
| 34671 | GLOBAL | Cartesian | 33.02268 | 3.75 | 8.28697 | No | 33.02268 | 3.75 | 8.28697 |
| 34672 | GLOBAL | Cartesian | 33.02268 | 3.85 | 8.28697 | No | 33.02268 | 3.85 | 8.28697 |
| 34673 | GLOBAL | Cartesian | 33.12268 | 3.75 | 8.2861 | No | 33.12268 | 3.75 | 8.2861 |
| 34674 | GLOBAL | Cartesian | 33.12268 | 3.85 | 8.2861 | No | 33.12268 | 3.85 | 8.2861 |
| 34675 | GLOBAL | Cartesian | 33.27718 | 3.75 | 8.28464 | No | 33.27718 | 3.75 | 8.28464 |
| 34676 | GLOBAL | Cartesian | 33.27718 | 3.85 | 8.28464 | No | 33.27718 | 3.85 | 8.28464 |
| 34677 | GLOBAL | Cartesian | 33.43168 | 3.75 | 8.28317 | No | 33.43168 | 3.75 | 8.28317 |
| 34678 | GLOBAL | Cartesian | 33.43168 | 3.85 | 8.28317 | No | 33.43168 | 3.85 | 8.28317 |
| 34679 | GLOBAL | Cartesian | 33.58618 | 3.75 | 8.28171 | No | 33.58618 | 3.75 | 8.28171 |
| 34680 | GLOBAL | Cartesian | 33.58618 | 3.85 | 8.28171 | No | 33.58618 | 3.85 | 8.28171 |
| 34681 | GLOBAL | Cartesian | 33.74068 | 3.75 | 8.28025 | No | 33.74068 | 3.75 | 8.28025 |
| 34682 | GLOBAL | Cartesian | 33.74068 | 3.85 | 8.28025 | No | 33.74068 | 3.85 | 8.28025 |
| 34683 | GLOBAL | Cartesian | 33.93889 | 3.75 | 8.27837 | No | 33.93889 | 3.75 | 8.27837 |
| 34684 | GLOBAL | Cartesian | 33.93889 | 3.85 | 8.27837 | No | 33.93889 | 3.85 | 8.27837 |
| 34685 | GLOBAL | Cartesian | 34.13709 | 3.75 | 8.27649 | No | 34.13709 | 3.75 | 8.27649 |
| 34686 | GLOBAL | Cartesian | 34.13709 | 3.85 | 8.27649 | No | 34.13709 | 3.85 | 8.27649 |
| 34687 | GLOBAL | Cartesian | 34.33529 | 3.75 | 8.27462 | No | 34.33529 | 3.75 | 8.27462 |
| 34688 | GLOBAL | Cartesian | 34.33529 | 3.85 | 8.27462 | No | 34.33529 | 3.85 | 8.27462 |
| 34689 | GLOBAL | Cartesian | 34.53349 | 3.75 | 8.27274 | No | 34.53349 | 3.75 | 8.27274 |
| 34690 | GLOBAL | Cartesian | 34.53349 | 3.85 | 8.27274 | No | 34.53349 | 3.85 | 8.27274 |
| 34691 | GLOBAL | Cartesian | 34.73169 | 3.75 | 8.27086 | No | 34.73169 | 3.75 | 8.27086 |
| 34692 | GLOBAL | Cartesian | 34.73169 | 3.85 | 8.27086 | No | 34.73169 | 3.85 | 8.27086 |
| 34693 | GLOBAL | Cartesian | 34.92989 | 3.75 | 8.26898 | No | 34.92989 | 3.75 | 8.26898 |
| 34694 | GLOBAL | Cartesian | 34.92989 | 3.85 | 8.26898 | No | 34.92989 | 3.85 | 8.26898 |
| 34695 | GLOBAL | Cartesian | 35.12809 | 3.75 | 8.26711 | No | 35.12809 | 3.75 | 8.26711 |
| 34696 | GLOBAL | Cartesian | 35.12809 | 3.85 | 8.26711 | No | 35.12809 | 3.85 | 8.26711 |
| 34697 | GLOBAL | Cartesian | 35.32629 | 3.75 | 8.26523 | No | 35.32629 | 3.75 | 8.26523 |
| 34698 | GLOBAL | Cartesian | 35.32629 | 3.85 | 8.26523 | No | 35.32629 | 3.85 | 8.26523 |
| 34699 | GLOBAL | Cartesian | 35.5245 | 3.75 | 8.26335 | No | 35.5245 | 3.75 | 8.26335 |
| 34700 | GLOBAL | Cartesian | 35.5245 | 3.85 | 8.26335 | No | 35.5245 | 3.85 | 8.26335 |
| 34701 | GLOBAL | Cartesian | 35.7227 | 3.75 | 8.26147 | No | 35.7227 | 3.75 | 8.26147 |
| 34702 | GLOBAL | Cartesian | 35.7227 | 3.85 | 8.26147 | No | 35.7227 | 3.85 | 8.26147 |
| 34703 | GLOBAL | Cartesian | 35.82269 | 3.75 | 8.26053 | No | 35.82269 | 3.75 | 8.26053 |
| 34704 | GLOBAL | Cartesian | 35.82269 | 3.85 | 8.26053 | No | 35.82269 | 3.85 | 8.26053 |
| 34705 | GLOBAL | Cartesian | 35.92268 | 3.75 | 8.25958 | No | 35.92268 | 3.75 | 8.25958 |
| 34706 | GLOBAL | Cartesian | 35.92268 | 3.85 | 8.25958 | No | 35.92268 | 3.85 | 8.25958 |
| 34707 | GLOBAL | Cartesian | 36.02268 | 3.75 | 8.25778 | No | 36.02268 | 3.75 | 8.25778 |
| 34708 | GLOBAL | Cartesian | 36.02268 | 3.85 | 8.25778 | No | 36.02268 | 3.85 | 8.25778 |
| 34709 | GLOBAL | Cartesian | 36.12268 | 3.75 | 8.25599 | No | 36.12268 | 3.75 | 8.25599 |
| 34710 | GLOBAL | Cartesian | 36.12268 | 3.85 | 8.25599 | No | 36.12268 | 3.85 | 8.25599 |
| 34711 | GLOBAL | Cartesian | 36.29469 | 3.75 | 8.25279 | No | 36.29469 | 3.75 | 8.25279 |
| 34712 | GLOBAL | Cartesian | 36.29469 | 3.85 | 8.25279 | No | 36.29469 | 3.85 | 8.25279 |
| 34713 | GLOBAL | Cartesian | 36.4667 | 3.75 | 8.24959 | No | 36.4667 | 3.75 | 8.24959 |
| 34714 | GLOBAL | Cartesian | 36.4667 | 3.85 | 8.24959 | No | 36.4667 | 3.85 | 8.24959 |
| 34715 | GLOBAL | Cartesian | 36.63871 | 3.75 | 8.24639 | No | 36.63871 | 3.75 | 8.24639 |
| 34716 | GLOBAL | Cartesian | 36.63871 | 3.85 | 8.24639 | No | 36.63871 | 3.85 | 8.24639 |
| 34717 | GLOBAL | Cartesian | 36.81072 | 3.75 | 8.24319 | No | 36.81072 | 3.75 | 8.24319 |
| 34718 | GLOBAL | Cartesian | 36.81072 | 3.85 | 8.24319 | No | 36.81072 | 3.85 | 8.24319 |
| 34719 | GLOBAL | Cartesian | 37.00192 | 3.75 | 8.23963 | No | 37.00192 | 3.75 | 8.23963 |
| 34720 | GLOBAL | Cartesian | 37.00192 | 3.85 | 8.23963 | No | 37.00192 | 3.85 | 8.23963 |
| 34721 | GLOBAL | Cartesian | 37.19311 | 3.75 | 8.23607 | No | 37.19311 | 3.75 | 8.23607 |
| 34722 | GLOBAL | Cartesian | 37.19311 | 3.85 | 8.23607 | No | 37.19311 | 3.85 | 8.23607 |
| 34723 | GLOBAL | Cartesian | 37.38431 | 3.75 | 8.23252 | No | 37.38431 | 3.75 | 8.23252 |
| 34724 | GLOBAL | Cartesian | 37.38431 | 3.85 | 8.23252 | No | 37.38431 | 3.85 | 8.23252 |
| 34725 | GLOBAL | Cartesian | 37.5755 | 3.75 | 8.22896 | No | 37.5755 | 3.75 | 8.22896 |
| 34726 | GLOBAL | Cartesian | 37.5755 | 3.85 | 8.22896 | No | 37.5755 | 3.85 | 8.22896 |
| 34727 | GLOBAL | Cartesian | 37.7667 | 3.75 | 8.2254 | No | 37.7667 | 3.75 | 8.2254 |
| 34728 | GLOBAL | Cartesian | 37.7667 | 3.85 | 8.2254 | No | 37.7667 | 3.85 | 8.2254 |
| 34729 | GLOBAL | Cartesian | 37.9579 | 3.75 | 8.22184 | No | 37.9579 | 3.75 | 8.22184 |
| 34730 | GLOBAL | Cartesian | 37.9579 | 3.85 | 8.22184 | No | 37.9579 | 3.85 | 8.22184 |
| 34731 | GLOBAL | Cartesian | 38.14909 | 3.75 | 8.21829 | No | 38.14909 | 3.75 | 8.21829 |
| 34732 | GLOBAL | Cartesian | 38.14909 | 3.85 | 8.21829 | No | 38.14909 | 3.85 | 8.21829 |
| 34733 | GLOBAL | Cartesian | 38.34029 | 3.75 | 8.21473 | No | 38.34029 | 3.75 | 8.21473 |
| 34734 | GLOBAL | Cartesian | 38.34029 | 3.85 | 8.21473 | No | 38.34029 | 3.85 | 8.21473 |
| 34735 | GLOBAL | Cartesian | 38.53148 | 3.75 | 8.21117 | No | 38.53148 | 3.75 | 8.21117 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34736 | GLOBAL | Cartesian | 38.53148 | 3.85 | 8.21117 | No | 38.53148 | 3.85 | 8.21117 |
| 34737 | GLOBAL | Cartesian | 38.72268 | 3.75 | 8.20761 | No | 38.72268 | 3.75 | 8.20761 |
| 34738 | GLOBAL | Cartesian | 38.72268 | 3.85 | 8.20761 | No | 38.72268 | 3.85 | 8.20761 |
| 34739 | GLOBAL | Cartesian | 38.82268 | 3.75 | 8.20575 | No | 38.82268 | 3.75 | 8.20575 |
| 34740 | GLOBAL | Cartesian | 38.82268 | 3.85 | 8.20575 | No | 38.82268 | 3.85 | 8.20575 |
| 34741 | GLOBAL | Cartesian | 38.92268 | 3.75 | 8.20389 | No | 38.92268 | 3.75 | 8.20389 |
| 34742 | GLOBAL | Cartesian | 38.92268 | 3.85 | 8.20389 | No | 38.92268 | 3.85 | 8.20389 |
| 34743 | GLOBAL | Cartesian | 39.02323 | 3.75 | 8.20116 | No | 39.02323 | 3.75 | 8.20116 |
| 34744 | GLOBAL | Cartesian | 39.02323 | 3.85 | 8.20116 | No | 39.02323 | 3.85 | 8.20116 |
| 34745 | GLOBAL | Cartesian | 39.12377 | 3.75 | 8.19843 | No | 39.12377 | 3.75 | 8.19843 |
| 34746 | GLOBAL | Cartesian | 39.12377 | 3.85 | 8.19843 | No | 39.12377 | 3.85 | 8.19843 |
| 34747 | GLOBAL | Cartesian | 39.31489 | 3.75 | 8.19313 | No | 39.31489 | 3.75 | 8.19313 |
| 34748 | GLOBAL | Cartesian | 39.31489 | 3.85 | 8.19313 | No | 39.31489 | 3.85 | 8.19313 |
| 34749 | GLOBAL | Cartesian | 39.50601 | 3.75 | 8.18782 | No | 39.50601 | 3.75 | 8.18782 |
| 34750 | GLOBAL | Cartesian | 39.50601 | 3.85 | 8.18782 | No | 39.50601 | 3.85 | 8.18782 |
| 34751 | GLOBAL | Cartesian | 39.69713 | 3.75 | 8.18252 | No | 39.69713 | 3.75 | 8.18252 |
| 34752 | GLOBAL | Cartesian | 39.69713 | 3.85 | 8.18252 | No | 39.69713 | 3.85 | 8.18252 |
| 34753 | GLOBAL | Cartesian | 39.88825 | 3.75 | 8.17722 | No | 39.88825 | 3.75 | 8.17722 |
| 34754 | GLOBAL | Cartesian | 39.88825 | 3.85 | 8.17722 | No | 39.88825 | 3.85 | 8.17722 |
| 34755 | GLOBAL | Cartesian | 40.07167 | 3.75 | 8.17213 | No | 40.07167 | 3.75 | 8.17213 |
| 34756 | GLOBAL | Cartesian | 40.07167 | 3.85 | 8.17213 | No | 40.07167 | 3.85 | 8.17213 |
| 34757 | GLOBAL | Cartesian | 40.25509 | 3.75 | 8.16704 | No | 40.25509 | 3.75 | 8.16704 |
| 34758 | GLOBAL | Cartesian | 40.25509 | 3.85 | 8.16704 | No | 40.25509 | 3.85 | 8.16704 |
| 34759 | GLOBAL | Cartesian | 40.43851 | 3.75 | 8.16195 | No | 40.43851 | 3.75 | 8.16195 |
| 34760 | GLOBAL | Cartesian | 40.43851 | 3.85 | 8.16195 | No | 40.43851 | 3.85 | 8.16195 |
| 34761 | GLOBAL | Cartesian | 40.62194 | 3.75 | 8.15687 | No | 40.62194 | 3.75 | 8.15687 |
| 34762 | GLOBAL | Cartesian | 40.62194 | 3.85 | 8.15687 | No | 40.62194 | 3.85 | 8.15687 |
| 34763 | GLOBAL | Cartesian | 40.80536 | 3.75 | 8.15178 | No | 40.80536 | 3.75 | 8.15178 |
| 34764 | GLOBAL | Cartesian | 40.80536 | 3.85 | 8.15178 | No | 40.80536 | 3.85 | 8.15178 |
| 34765 | GLOBAL | Cartesian | 40.98878 | 3.75 | 8.14669 | No | 40.98878 | 3.75 | 8.14669 |
| 34766 | GLOBAL | Cartesian | 40.98878 | 3.85 | 8.14669 | No | 40.98878 | 3.85 | 8.14669 |
| 34767 | GLOBAL | Cartesian | 41.1722 | 3.75 | 8.1416 | No | 41.1722 | 3.75 | 8.1416 |
| 34768 | GLOBAL | Cartesian | 41.1722 | 3.85 | 8.1416 | No | 41.1722 | 3.85 | 8.1416 |
| 34769 | GLOBAL | Cartesian | 41.35563 | 3.75 | 8.13651 | No | 41.35563 | 3.75 | 8.13651 |
| 34770 | GLOBAL | Cartesian | 41.35563 | 3.85 | 8.13651 | No | 41.35563 | 3.85 | 8.13651 |
| 34771 | GLOBAL | Cartesian | 41.53905 | 3.75 | 8.13142 | No | 41.53905 | 3.75 | 8.13142 |
| 34772 | GLOBAL | Cartesian | 41.53905 | 3.85 | 8.13142 | No | 41.53905 | 3.85 | 8.13142 |
| 34773 | GLOBAL | Cartesian | 41.72247 | 3.75 | 8.12633 | No | 41.72247 | 3.75 | 8.12633 |
| 34774 | GLOBAL | Cartesian | 41.72247 | 3.85 | 8.12633 | No | 41.72247 | 3.85 | 8.12633 |
| 34775 | GLOBAL | Cartesian | 41.82258 | 3.75 | 8.12356 | No | 41.82258 | 3.75 | 8.12356 |
| 34776 | GLOBAL | Cartesian | 41.82258 | 3.85 | 8.12356 | No | 41.82258 | 3.85 | 8.12356 |
| 34777 | GLOBAL | Cartesian | 41.92268 | 3.75 | 8.12078 | No | 41.92268 | 3.75 | 8.12078 |
| 34778 | GLOBAL | Cartesian | 41.92268 | 3.85 | 8.12078 | No | 41.92268 | 3.85 | 8.12078 |
| 34779 | GLOBAL | Cartesian | 42.02285 | 3.75 | 8.11713 | No | 42.02285 | 3.75 | 8.11713 |
| 34780 | GLOBAL | Cartesian | 42.02285 | 3.85 | 8.11713 | No | 42.02285 | 3.85 | 8.11713 |
| 34781 | GLOBAL | Cartesian | 42.12302 | 3.75 | 8.11348 | No | 42.12302 | 3.75 | 8.11348 |
| 34782 | GLOBAL | Cartesian | 42.12302 | 3.85 | 8.11348 | No | 42.12302 | 3.85 | 8.11348 |
| 34783 | GLOBAL | Cartesian | 42.29162 | 3.75 | 8.10726 | No | 42.29162 | 3.75 | 8.10726 |
| 34784 | GLOBAL | Cartesian | 42.29162 | 3.85 | 8.10726 | No | 42.29162 | 3.85 | 8.10726 |
| 34785 | GLOBAL | Cartesian | 42.46022 | 3.75 | 8.10104 | No | 42.46022 | 3.75 | 8.10104 |
| 34786 | GLOBAL | Cartesian | 42.46022 | 3.85 | 8.10104 | No | 42.46022 | 3.85 | 8.10104 |
| 34787 | GLOBAL | Cartesian | 42.62882 | 3.75 | 8.09482 | No | 42.62882 | 3.75 | 8.09482 |
| 34788 | GLOBAL | Cartesian | 42.62882 | 3.85 | 8.09482 | No | 42.62882 | 3.85 | 8.09482 |
| 34789 | GLOBAL | Cartesian | 42.79742 | 3.75 | 8.08861 | No | 42.79742 | 3.75 | 8.08861 |
| 34790 | GLOBAL | Cartesian | 42.79742 | 3.85 | 8.08861 | No | 42.79742 | 3.85 | 8.08861 |
| 34791 | GLOBAL | Cartesian | 42.96602 | 3.75 | 8.08239 | No | 42.96602 | 3.75 | 8.08239 |
| 34792 | GLOBAL | Cartesian | 42.96602 | 3.85 | 8.08239 | No | 42.96602 | 3.85 | 8.08239 |
| 34793 | GLOBAL | Cartesian | 43.16118 | 3.75 | 8.07519 | No | 43.16118 | 3.75 | 8.07519 |
| 34794 | GLOBAL | Cartesian | 43.16118 | 3.85 | 8.07519 | No | 43.16118 | 3.85 | 8.07519 |
| 34795 | GLOBAL | Cartesian | 43.35634 | 3.75 | 8.06799 | No | 43.35634 | 3.75 | 8.06799 |
| 34796 | GLOBAL | Cartesian | 43.35634 | 3.85 | 8.06799 | No | 43.35634 | 3.85 | 8.06799 |
| 34797 | GLOBAL | Cartesian | 43.5515 | 3.75 | 8.06079 | No | 43.5515 | 3.75 | 8.06079 |
| 34798 | GLOBAL | Cartesian | 43.5515 | 3.85 | 8.06079 | No | 43.5515 | 3.85 | 8.06079 |
| 34799 | GLOBAL | Cartesian | 43.74667 | 3.75 | 8.05359 | No | 43.74667 | 3.75 | 8.05359 |
| 34800 | GLOBAL | Cartesian | 43.74667 | 3.85 | 8.05359 | No | 43.74667 | 3.85 | 8.05359 |
| 34801 | GLOBAL | Cartesian | 43.94183 | 3.75 | 8.04639 | No | 43.94183 | 3.75 | 8.04639 |
| 34802 | GLOBAL | Cartesian | 43.94183 | 3.85 | 8.04639 | No | 43.94183 | 3.85 | 8.04639 |
| 34803 | GLOBAL | Cartesian | 44.13699 | 3.75 | 8.0392 | No | 44.13699 | 3.75 | 8.0392 |
| 34804 | GLOBAL | Cartesian | 44.13699 | 3.85 | 8.0392 | No | 44.13699 | 3.85 | 8.0392 |
| 34805 | GLOBAL | Cartesian | 44.33215 | 3.75 | 8.032 | No | 44.33215 | 3.75 | 8.032 |
| 34806 | GLOBAL | Cartesian | 44.33215 | 3.85 | 8.032 | No | 44.33215 | 3.85 | 8.032 |
| 34807 | GLOBAL | Cartesian | 44.52732 | 3.75 | 8.0248 | No | 44.52732 | 3.75 | 8.0248 |
| 34808 | GLOBAL | Cartesian | 44.52732 | 3.85 | 8.0248 | No | 44.52732 | 3.85 | 8.0248 |
| 34809 | GLOBAL | Cartesian | 44.72248 | 3.75 | 8.0176 | No | 44.72248 | 3.75 | 8.0176 |
| 34810 | GLOBAL | Cartesian | 44.72248 | 3.85 | 8.0176 | No | 44.72248 | 3.85 | 8.0176 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34811 | GLOBAL | Cartesian | 44.82258 | 3.75 | 8.01391 | No | 44.82258 | 3.75 | 8.01391 |
| 34812 | GLOBAL | Cartesian | 44.82258 | 3.85 | 8.01391 | No | 44.82258 | 3.85 | 8.01391 |
| 34813 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.01022 | No | 44.92268 | 3.75 | 8.01022 |
| 34814 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.01022 | No | 44.92268 | 3.85 | 8.01022 |
| 34815 | GLOBAL | Cartesian | 45.02268 | 3.75 | 8.00564 | No | 45.02268 | 3.75 | 8.00564 |
| 34816 | GLOBAL | Cartesian | 45.02268 | 3.85 | 8.00564 | No | 45.02268 | 3.85 | 8.00564 |
| 34817 | GLOBAL | Cartesian | 45.12268 | 3.75 | 8.00107 | No | 45.12268 | 3.75 | 8.00107 |
| 34818 | GLOBAL | Cartesian | 45.12268 | 3.85 | 8.00107 | No | 45.12268 | 3.85 | 8.00107 |
| 34819 | GLOBAL | Cartesian | 45.30927 | 3.75 | 7.99248 | No | 45.30927 | 3.75 | 7.99248 |
| 34820 | GLOBAL | Cartesian | 45.30927 | 3.85 | 7.99248 | No | 45.30927 | 3.85 | 7.99248 |
| 34821 | GLOBAL | Cartesian | 45.49586 | 3.75 | 7.98389 | No | 45.49586 | 3.75 | 7.98389 |
| 34822 | GLOBAL | Cartesian | 45.49586 | 3.85 | 7.98389 | No | 45.49586 | 3.85 | 7.98389 |
| 34823 | GLOBAL | Cartesian | 45.68246 | 3.75 | 7.9753 | No | 45.68246 | 3.75 | 7.9753 |
| 34824 | GLOBAL | Cartesian | 45.68246 | 3.85 | 7.9753 | No | 45.68246 | 3.85 | 7.9753 |
| 34825 | GLOBAL | Cartesian | 45.86905 | 3.75 | 7.96671 | No | 45.86905 | 3.75 | 7.96671 |
| 34826 | GLOBAL | Cartesian | 45.86905 | 3.85 | 7.96671 | No | 45.86905 | 3.85 | 7.96671 |
| 34827 | GLOBAL | Cartesian | 46.05564 | 3.75 | 7.95812 | No | 46.05564 | 3.75 | 7.95812 |
| 34828 | GLOBAL | Cartesian | 46.05564 | 3.85 | 7.95812 | No | 46.05564 | 3.85 | 7.95812 |
| 34829 | GLOBAL | Cartesian | 46.24085 | 3.75 | 7.9496 | No | 46.24085 | 3.75 | 7.9496 |
| 34830 | GLOBAL | Cartesian | 46.24085 | 3.85 | 7.9496 | No | 46.24085 | 3.85 | 7.9496 |
| 34831 | GLOBAL | Cartesian | 46.42605 | 3.75 | 7.94107 | No | 46.42605 | 3.75 | 7.94107 |
| 34832 | GLOBAL | Cartesian | 46.42605 | 3.85 | 7.94107 | No | 46.42605 | 3.85 | 7.94107 |
| 34833 | GLOBAL | Cartesian | 46.61125 | 3.75 | 7.93255 | No | 46.61125 | 3.75 | 7.93255 |
| 34834 | GLOBAL | Cartesian | 46.61125 | 3.85 | 7.93255 | No | 46.61125 | 3.85 | 7.93255 |
| 34835 | GLOBAL | Cartesian | 46.79646 | 3.75 | 7.92402 | No | 46.79646 | 3.75 | 7.92402 |
| 34836 | GLOBAL | Cartesian | 46.79646 | 3.85 | 7.92402 | No | 46.79646 | 3.85 | 7.92402 |
| 34837 | GLOBAL | Cartesian | 46.98166 | 3.75 | 7.9155 | No | 46.98166 | 3.75 | 7.9155 |
| 34838 | GLOBAL | Cartesian | 46.98166 | 3.85 | 7.9155 | No | 46.98166 | 3.85 | 7.9155 |
| 34839 | GLOBAL | Cartesian | 47.16687 | 3.75 | 7.90697 | No | 47.16687 | 3.75 | 7.90697 |
| 34840 | GLOBAL | Cartesian | 47.16687 | 3.85 | 7.90697 | No | 47.16687 | 3.85 | 7.90697 |
| 34841 | GLOBAL | Cartesian | 47.35207 | 3.75 | 7.89845 | No | 47.35207 | 3.75 | 7.89845 |
| 34842 | GLOBAL | Cartesian | 47.35207 | 3.85 | 7.89845 | No | 47.35207 | 3.85 | 7.89845 |
| 34843 | GLOBAL | Cartesian | 47.53727 | 3.75 | 7.88992 | No | 47.53727 | 3.75 | 7.88992 |
| 34844 | GLOBAL | Cartesian | 47.53727 | 3.85 | 7.88992 | No | 47.53727 | 3.85 | 7.88992 |
| 34845 | GLOBAL | Cartesian | 47.72248 | 3.75 | 7.8814 | No | 47.72248 | 3.75 | 7.8814 |
| 34846 | GLOBAL | Cartesian | 47.72248 | 3.85 | 7.8814 | No | 47.72248 | 3.85 | 7.8814 |
| 34847 | GLOBAL | Cartesian | 47.82258 | 3.75 | 7.87679 | No | 47.82258 | 3.75 | 7.87679 |
| 34848 | GLOBAL | Cartesian | 47.82258 | 3.85 | 7.87679 | No | 47.82258 | 3.85 | 7.87679 |
| 34849 | GLOBAL | Cartesian | 47.92268 | 3.75 | 7.87218 | No | 47.92268 | 3.75 | 7.87218 |
| 34850 | GLOBAL | Cartesian | 47.92268 | 3.85 | 7.87218 | No | 47.92268 | 3.85 | 7.87218 |
| 34851 | GLOBAL | Cartesian | 48.11179 | 3.75 | 7.86176 | No | 48.11179 | 3.75 | 7.86176 |
| 34852 | GLOBAL | Cartesian | 48.11179 | 3.85 | 7.86176 | No | 48.11179 | 3.85 | 7.86176 |
| 34853 | GLOBAL | Cartesian | 48.29918 | 3.75 | 7.85142 | No | 48.29918 | 3.75 | 7.85142 |
| 34854 | GLOBAL | Cartesian | 48.29918 | 3.85 | 7.85142 | No | 48.29918 | 3.85 | 7.85142 |
| 34855 | GLOBAL | Cartesian | 48.48657 | 3.75 | 7.84107 | No | 48.48657 | 3.75 | 7.84107 |
| 34856 | GLOBAL | Cartesian | 48.48657 | 3.85 | 7.84107 | No | 48.48657 | 3.85 | 7.84107 |
| 34857 | GLOBAL | Cartesian | 48.67397 | 3.75 | 7.83073 | No | 48.67397 | 3.75 | 7.83073 |
| 34858 | GLOBAL | Cartesian | 48.67397 | 3.85 | 7.83073 | No | 48.67397 | 3.85 | 7.83073 |
| 34859 | GLOBAL | Cartesian | 48.86136 | 3.75 | 7.82039 | No | 48.86136 | 3.75 | 7.82039 |
| 34860 | GLOBAL | Cartesian | 48.86136 | 3.85 | 7.82039 | No | 48.86136 | 3.85 | 7.82039 |
| 34861 | GLOBAL | Cartesian | 49.04875 | 3.75 | 7.81004 | No | 49.04875 | 3.75 | 7.81004 |
| 34862 | GLOBAL | Cartesian | 49.04875 | 3.85 | 7.81004 | No | 49.04875 | 3.85 | 7.81004 |
| 34863 | GLOBAL | Cartesian | 49.23614 | 3.75 | 7.7997 | No | 49.23614 | 3.75 | 7.7997 |
| 34864 | GLOBAL | Cartesian | 49.23614 | 3.85 | 7.7997 | No | 49.23614 | 3.85 | 7.7997 |
| 34865 | GLOBAL | Cartesian | 49.42354 | 3.75 | 7.78936 | No | 49.42354 | 3.75 | 7.78936 |
| 34866 | GLOBAL | Cartesian | 49.42354 | 3.85 | 7.78936 | No | 49.42354 | 3.85 | 7.78936 |
| 34867 | GLOBAL | Cartesian | 49.61093 | 3.75 | 7.77902 | No | 49.61093 | 3.75 | 7.77902 |
| 34868 | GLOBAL | Cartesian | 49.61093 | 3.85 | 7.77902 | No | 49.61093 | 3.85 | 7.77902 |
| 34869 | GLOBAL | Cartesian | 49.79832 | 3.75 | 7.76867 | No | 49.79832 | 3.75 | 7.76867 |
| 34870 | GLOBAL | Cartesian | 49.79832 | 3.85 | 7.76867 | No | 49.79832 | 3.85 | 7.76867 |
| 34871 | GLOBAL | Cartesian | 49.98572 | 3.75 | 7.75833 | No | 49.98572 | 3.75 | 7.75833 |
| 34872 | GLOBAL | Cartesian | 49.98572 | 3.85 | 7.75833 | No | 49.98572 | 3.85 | 7.75833 |
| 34873 | GLOBAL | Cartesian | 50.17311 | 3.75 | 7.74799 | No | 50.17311 | 3.75 | 7.74799 |
| 34874 | GLOBAL | Cartesian | 50.17311 | 3.85 | 7.74799 | No | 50.17311 | 3.85 | 7.74799 |
| 34875 | GLOBAL | Cartesian | 50.3605 | 3.75 | 7.73764 | No | 50.3605 | 3.75 | 7.73764 |
| 34876 | GLOBAL | Cartesian | 50.3605 | 3.85 | 7.73764 | No | 50.3605 | 3.85 | 7.73764 |
| 34877 | GLOBAL | Cartesian | 50.54789 | 3.75 | 7.7273 | No | 50.54789 | 3.75 | 7.7273 |
| 34878 | GLOBAL | Cartesian | 50.54789 | 3.85 | 7.7273 | No | 50.54789 | 3.85 | 7.7273 |
| 34879 | GLOBAL | Cartesian | 50.73529 | 3.75 | 7.71696 | No | 50.73529 | 3.75 | 7.71696 |
| 34880 | GLOBAL | Cartesian | 50.73529 | 3.85 | 7.71696 | No | 50.73529 | 3.85 | 7.71696 |
| 34881 | GLOBAL | Cartesian | 50.92268 | 3.75 | 7.70662 | No | 50.92268 | 3.75 | 7.70662 |
| 34882 | GLOBAL | Cartesian | 50.92268 | 3.85 | 7.70662 | No | 50.92268 | 3.85 | 7.70662 |
| 34883 | GLOBAL | Cartesian | 51.11018 | 3.75 | 7.69537 | No | 51.11018 | 3.75 | 7.69537 |
| 34884 | GLOBAL | Cartesian | 51.11018 | 3.85 | 7.69537 | No | 51.11018 | 3.85 | 7.69537 |
| 34885 | GLOBAL | Cartesian | 51.29768 | 3.75 | 7.68412 | No | 51.29768 | 3.75 | 7.68412 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34886 | GLOBAL | Cartesian | 51.29768 | 3.85 | 7.68412 | No | 51.29768 | 3.85 | 7.68412 |
| 34887 | GLOBAL | Cartesian | 51.48518 | 3.75 | 7.67287 | No | 51.48518 | 3.75 | 7.67287 |
| 34888 | GLOBAL | Cartesian | 51.48518 | 3.85 | 7.67287 | No | 51.48518 | 3.85 | 7.67287 |
| 34889 | GLOBAL | Cartesian | 51.67268 | 3.75 | 7.66162 | No | 51.67268 | 3.75 | 7.66162 |
| 34890 | GLOBAL | Cartesian | 51.67268 | 3.85 | 7.66162 | No | 51.67268 | 3.85 | 7.66162 |
| 34891 | GLOBAL | Cartesian | 51.86018 | 3.75 | 7.65037 | No | 51.86018 | 3.75 | 7.65037 |
| 34892 | GLOBAL | Cartesian | 51.86018 | 3.85 | 7.65037 | No | 51.86018 | 3.85 | 7.65037 |
| 34893 | GLOBAL | Cartesian | 52.04768 | 3.75 | 7.63912 | No | 52.04768 | 3.75 | 7.63912 |
| 34894 | GLOBAL | Cartesian | 52.04768 | 3.85 | 7.63912 | No | 52.04768 | 3.85 | 7.63912 |
| 34895 | GLOBAL | Cartesian | 52.23518 | 3.75 | 7.62787 | No | 52.23518 | 3.75 | 7.62787 |
| 34896 | GLOBAL | Cartesian | 52.23518 | 3.85 | 7.62787 | No | 52.23518 | 3.85 | 7.62787 |
| 34897 | GLOBAL | Cartesian | 52.42268 | 3.75 | 7.61662 | No | 52.42268 | 3.75 | 7.61662 |
| 34898 | GLOBAL | Cartesian | 52.42268 | 3.85 | 7.61662 | No | 52.42268 | 3.85 | 7.61662 |
| 34899 | GLOBAL | Cartesian | 52.61018 | 3.75 | 7.60537 | No | 52.61018 | 3.75 | 7.60537 |
| 34900 | GLOBAL | Cartesian | 52.61018 | 3.85 | 7.60537 | No | 52.61018 | 3.85 | 7.60537 |
| 34901 | GLOBAL | Cartesian | 52.79768 | 3.75 | 7.59412 | No | 52.79768 | 3.75 | 7.59412 |
| 34902 | GLOBAL | Cartesian | 52.79768 | 3.85 | 7.59412 | No | 52.79768 | 3.85 | 7.59412 |
| 34903 | GLOBAL | Cartesian | 52.98518 | 3.75 | 7.58287 | No | 52.98518 | 3.75 | 7.58287 |
| 34904 | GLOBAL | Cartesian | 52.98518 | 3.85 | 7.58287 | No | 52.98518 | 3.85 | 7.58287 |
| 34905 | GLOBAL | Cartesian | 53.17268 | 3.75 | 7.57162 | No | 53.17268 | 3.75 | 7.57162 |
| 34906 | GLOBAL | Cartesian | 53.17268 | 3.85 | 7.57162 | No | 53.17268 | 3.85 | 7.57162 |
| 34907 | GLOBAL | Cartesian | 53.36018 | 3.75 | 7.56037 | No | 53.36018 | 3.75 | 7.56037 |
| 34908 | GLOBAL | Cartesian | 53.36018 | 3.85 | 7.56037 | No | 53.36018 | 3.85 | 7.56037 |
| 34909 | GLOBAL | Cartesian | 53.54768 | 3.75 | 7.54912 | No | 53.54768 | 3.75 | 7.54912 |
| 34910 | GLOBAL | Cartesian | 53.54768 | 3.85 | 7.54912 | No | 53.54768 | 3.85 | 7.54912 |
| 34911 | GLOBAL | Cartesian | 53.73518 | 3.75 | 7.53787 | No | 53.73518 | 3.75 | 7.53787 |
| 34912 | GLOBAL | Cartesian | 53.73518 | 3.85 | 7.53787 | No | 53.73518 | 3.85 | 7.53787 |
| 34913 | GLOBAL | Cartesian | 53.92268 | 3.75 | 7.52662 | No | 53.92268 | 3.75 | 7.52662 |
| 34914 | GLOBAL | Cartesian | 53.92268 | 3.85 | 7.52662 | No | 53.92268 | 3.85 | 7.52662 |
| 34915 | GLOBAL | Cartesian | 47.92268 | 3.55 | 7.87218 | No | 47.92268 | 3.55 | 7.87218 |
| 34916 | GLOBAL | Cartesian | 47.92268 | 3.45 | 7.87218 | No | 47.92268 | 3.45 | 7.87218 |
| 34917 | GLOBAL | Cartesian | 48.11179 | 3.55 | 7.86176 | No | 48.11179 | 3.55 | 7.86176 |
| 34918 | GLOBAL | Cartesian | 48.11179 | 3.45 | 7.86176 | No | 48.11179 | 3.45 | 7.86176 |
| 34919 | GLOBAL | Cartesian | 48.29918 | 3.55 | 7.85142 | No | 48.29918 | 3.55 | 7.85142 |
| 34920 | GLOBAL | Cartesian | 48.29918 | 3.45 | 7.85142 | No | 48.29918 | 3.45 | 7.85142 |
| 34921 | GLOBAL | Cartesian | 48.48657 | 3.55 | 7.84107 | No | 48.48657 | 3.55 | 7.84107 |
| 34922 | GLOBAL | Cartesian | 48.48657 | 3.45 | 7.84107 | No | 48.48657 | 3.45 | 7.84107 |
| 34923 | GLOBAL | Cartesian | 48.67397 | 3.55 | 7.83073 | No | 48.67397 | 3.55 | 7.83073 |
| 34924 | GLOBAL | Cartesian | 48.67397 | 3.45 | 7.83073 | No | 48.67397 | 3.45 | 7.83073 |
| 34925 | GLOBAL | Cartesian | 48.86136 | 3.55 | 7.82039 | No | 48.86136 | 3.55 | 7.82039 |
| 34926 | GLOBAL | Cartesian | 48.86136 | 3.45 | 7.82039 | No | 48.86136 | 3.45 | 7.82039 |
| 34927 | GLOBAL | Cartesian | 49.04875 | 3.55 | 7.81004 | No | 49.04875 | 3.55 | 7.81004 |
| 34928 | GLOBAL | Cartesian | 49.04875 | 3.45 | 7.81004 | No | 49.04875 | 3.45 | 7.81004 |
| 34929 | GLOBAL | Cartesian | 49.23614 | 3.55 | 7.7997 | No | 49.23614 | 3.55 | 7.7997 |
| 34930 | GLOBAL | Cartesian | 49.23614 | 3.45 | 7.7997 | No | 49.23614 | 3.45 | 7.7997 |
| 34931 | GLOBAL | Cartesian | 49.42354 | 3.55 | 7.78936 | No | 49.42354 | 3.55 | 7.78936 |
| 34932 | GLOBAL | Cartesian | 49.42354 | 3.45 | 7.78936 | No | 49.42354 | 3.45 | 7.78936 |
| 34933 | GLOBAL | Cartesian | 49.61093 | 3.55 | 7.77902 | No | 49.61093 | 3.55 | 7.77902 |
| 34934 | GLOBAL | Cartesian | 49.61093 | 3.45 | 7.77902 | No | 49.61093 | 3.45 | 7.77902 |
| 34935 | GLOBAL | Cartesian | 49.79832 | 3.55 | 7.76867 | No | 49.79832 | 3.55 | 7.76867 |
| 34936 | GLOBAL | Cartesian | 49.79832 | 3.45 | 7.76867 | No | 49.79832 | 3.45 | 7.76867 |
| 34937 | GLOBAL | Cartesian | 49.98572 | 3.55 | 7.75833 | No | 49.98572 | 3.55 | 7.75833 |
| 34938 | GLOBAL | Cartesian | 49.98572 | 3.45 | 7.75833 | No | 49.98572 | 3.45 | 7.75833 |
| 34939 | GLOBAL | Cartesian | 50.17311 | 3.55 | 7.74799 | No | 50.17311 | 3.55 | 7.74799 |
| 34940 | GLOBAL | Cartesian | 50.17311 | 3.45 | 7.74799 | No | 50.17311 | 3.45 | 7.74799 |
| 34941 | GLOBAL | Cartesian | 50.3605 | 3.55 | 7.73764 | No | 50.3605 | 3.55 | 7.73764 |
| 34942 | GLOBAL | Cartesian | 50.3605 | 3.45 | 7.73764 | No | 50.3605 | 3.45 | 7.73764 |
| 34943 | GLOBAL | Cartesian | 50.54789 | 3.55 | 7.7273 | No | 50.54789 | 3.55 | 7.7273 |
| 34944 | GLOBAL | Cartesian | 50.54789 | 3.45 | 7.7273 | No | 50.54789 | 3.45 | 7.7273 |
| 34945 | GLOBAL | Cartesian | 50.73529 | 3.55 | 7.71696 | No | 50.73529 | 3.55 | 7.71696 |
| 34946 | GLOBAL | Cartesian | 50.73529 | 3.45 | 7.71696 | No | 50.73529 | 3.45 | 7.71696 |
| 34947 | GLOBAL | Cartesian | 50.92268 | 3.55 | 7.70662 | No | 50.92268 | 3.55 | 7.70662 |
| 34948 | GLOBAL | Cartesian | 50.92268 | 3.45 | 7.70662 | No | 50.92268 | 3.45 | 7.70662 |
| 34949 | GLOBAL | Cartesian | 51.11018 | 3.55 | 7.69537 | No | 51.11018 | 3.55 | 7.69537 |
| 34950 | GLOBAL | Cartesian | 51.11018 | 3.45 | 7.69537 | No | 51.11018 | 3.45 | 7.69537 |
| 34951 | GLOBAL | Cartesian | 51.29768 | 3.55 | 7.68412 | No | 51.29768 | 3.55 | 7.68412 |
| 34952 | GLOBAL | Cartesian | 51.29768 | 3.45 | 7.68412 | No | 51.29768 | 3.45 | 7.68412 |
| 34953 | GLOBAL | Cartesian | 51.48518 | 3.55 | 7.67287 | No | 51.48518 | 3.55 | 7.67287 |
| 34954 | GLOBAL | Cartesian | 51.48518 | 3.45 | 7.67287 | No | 51.48518 | 3.45 | 7.67287 |
| 34955 | GLOBAL | Cartesian | 51.67268 | 3.55 | 7.66162 | No | 51.67268 | 3.55 | 7.66162 |
| 34956 | GLOBAL | Cartesian | 51.67268 | 3.45 | 7.66162 | No | 51.67268 | 3.45 | 7.66162 |
| 34957 | GLOBAL | Cartesian | 51.86018 | 3.55 | 7.65037 | No | 51.86018 | 3.55 | 7.65037 |
| 34958 | GLOBAL | Cartesian | 51.86018 | 3.45 | 7.65037 | No | 51.86018 | 3.45 | 7.65037 |
| 34959 | GLOBAL | Cartesian | 52.04768 | 3.55 | 7.63912 | No | 52.04768 | 3.55 | 7.63912 |
| 34960 | GLOBAL | Cartesian | 52.04768 | 3.45 | 7.63912 | No | 52.04768 | 3.45 | 7.63912 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 34961 | GLOBAL | Cartesian | 52.23518 | 3.55 | 7.62787 | No | 52.23518 | 3.55 | 7.62787 |
| 34962 | GLOBAL | Cartesian | 52.23518 | 3.45 | 7.62787 | No | 52.23518 | 3.45 | 7.62787 |
| 34963 | GLOBAL | Cartesian | 52.42268 | 3.55 | 7.61662 | No | 52.42268 | 3.55 | 7.61662 |
| 34964 | GLOBAL | Cartesian | 52.42268 | 3.45 | 7.61662 | No | 52.42268 | 3.45 | 7.61662 |
| 34965 | GLOBAL | Cartesian | 52.61018 | 3.55 | 7.60537 | No | 52.61018 | 3.55 | 7.60537 |
| 34966 | GLOBAL | Cartesian | 52.61018 | 3.45 | 7.60537 | No | 52.61018 | 3.45 | 7.60537 |
| 34967 | GLOBAL | Cartesian | 52.79768 | 3.55 | 7.59412 | No | 52.79768 | 3.55 | 7.59412 |
| 34968 | GLOBAL | Cartesian | 52.79768 | 3.45 | 7.59412 | No | 52.79768 | 3.45 | 7.59412 |
| 34969 | GLOBAL | Cartesian | 52.98518 | 3.55 | 7.58287 | No | 52.98518 | 3.55 | 7.58287 |
| 34970 | GLOBAL | Cartesian | 52.98518 | 3.45 | 7.58287 | No | 52.98518 | 3.45 | 7.58287 |
| 34971 | GLOBAL | Cartesian | 53.17268 | 3.55 | 7.57162 | No | 53.17268 | 3.55 | 7.57162 |
| 34972 | GLOBAL | Cartesian | 53.17268 | 3.45 | 7.57162 | No | 53.17268 | 3.45 | 7.57162 |
| 34973 | GLOBAL | Cartesian | 53.36018 | 3.55 | 7.56037 | No | 53.36018 | 3.55 | 7.56037 |
| 34974 | GLOBAL | Cartesian | 53.36018 | 3.45 | 7.56037 | No | 53.36018 | 3.45 | 7.56037 |
| 34975 | GLOBAL | Cartesian | 53.54768 | 3.55 | 7.54912 | No | 53.54768 | 3.55 | 7.54912 |
| 34976 | GLOBAL | Cartesian | 53.54768 | 3.45 | 7.54912 | No | 53.54768 | 3.45 | 7.54912 |
| 34977 | GLOBAL | Cartesian | 53.73518 | 3.55 | 7.53787 | No | 53.73518 | 3.55 | 7.53787 |
| 34978 | GLOBAL | Cartesian | 53.73518 | 3.45 | 7.53787 | No | 53.73518 | 3.45 | 7.53787 |
| 34979 | GLOBAL | Cartesian | 53.92268 | 3.55 | 7.52662 | No | 53.92268 | 3.55 | 7.52662 |
| 34980 | GLOBAL | Cartesian | 53.92268 | 3.45 | 7.52662 | No | 53.92268 | 3.45 | 7.52662 |
| 34981 | GLOBAL | Cartesian | 30.12272 | 3.65 | 11.44246 | No | 30.12272 | 3.65 | 11.44246 |
| 34982 | GLOBAL | Cartesian | 30.12272 | 3.65 | 11.24149 | No | 30.12272 | 3.65 | 11.24149 |
| 34983 | GLOBAL | Cartesian | 29.92272 | 3.65 | 11.42274 | No | 29.92272 | 3.65 | 11.42274 |
| 34984 | GLOBAL | Cartesian | 29.92272 | 3.65 | 11.22177 | No | 29.92272 | 3.65 | 11.22177 |
| 34985 | GLOBAL | Cartesian | 29.72272 | 3.65 | 11.40303 | No | 29.72272 | 3.65 | 11.40303 |
| 34986 | GLOBAL | Cartesian | 29.72272 | 3.65 | 11.20206 | No | 29.72272 | 3.65 | 11.20206 |
| 34987 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.003 | No | 30.12272 | 3.65 | 9.003 |
| 34988 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.00111 | No | 29.92272 | 3.65 | 9.00111 |
| 34989 | GLOBAL | Cartesian | 29.92272 | 3.65 | 8.28784 | No | 29.92272 | 3.65 | 8.28784 |
| 34990 | GLOBAL | Cartesian | 30.12272 | 3.65 | 8.28784 | No | 30.12272 | 3.65 | 8.28784 |
| 34991 | GLOBAL | Cartesian | 29.72272 | 3.65 | 8.99921 | No | 29.72272 | 3.65 | 8.99921 |
| 34992 | GLOBAL | Cartesian | 29.72272 | 3.65 | 8.2861 | No | 29.72272 | 3.65 | 8.2861 |
| 34993 | GLOBAL | Cartesian | 27.12272 | 3.65 | 11.14671 | No | 27.12272 | 3.65 | 11.14671 |
| 34994 | GLOBAL | Cartesian | 27.12272 | 3.65 | 10.94574 | No | 27.12272 | 3.65 | 10.94574 |
| 34995 | GLOBAL | Cartesian | 26.92272 | 3.65 | 11.127 | No | 26.92272 | 3.65 | 11.127 |
| 34996 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.92603 | No | 26.92272 | 3.65 | 10.92603 |
| 34997 | GLOBAL | Cartesian | 26.72272 | 3.65 | 11.10728 | No | 26.72272 | 3.65 | 11.10728 |
| 34998 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.90631 | No | 26.72272 | 3.65 | 10.90631 |
| 34999 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.85097 | No | 24.12272 | 3.65 | 10.85097 |
| 35000 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.65 | No | 24.12272 | 3.65 | 10.65 |
| 35001 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.83125 | No | 23.92272 | 3.65 | 10.83125 |
| 35002 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.63028 | No | 23.92272 | 3.65 | 10.63028 |
| 35003 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.81143 | No | 23.72163 | 3.65 | 10.81143 |
| 35004 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.61046 | No | 23.72163 | 3.65 | 10.61046 |
| 35005 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.55524 | No | 21.12293 | 3.65 | 10.55524 |
| 35006 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.35427 | No | 21.12293 | 3.65 | 10.35427 |
| 35007 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.5355 | No | 20.92272 | 3.65 | 10.5355 |
| 35008 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.33453 | No | 20.92272 | 3.65 | 10.33453 |
| 35009 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.51575 | No | 20.72238 | 3.65 | 10.51575 |
| 35010 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.31478 | No | 20.72238 | 3.65 | 10.31478 |
| 35011 | GLOBAL | Cartesian | 18.12292 | 3.65 | 10.25949 | No | 18.12292 | 3.65 | 10.25949 |
| 35012 | GLOBAL | Cartesian | 18.12292 | 3.65 | 10.05852 | No | 18.12292 | 3.65 | 10.05852 |
| 35013 | GLOBAL | Cartesian | 17.92272 | 3.65 | 10.23976 | No | 17.92272 | 3.65 | 10.23976 |
| 35014 | GLOBAL | Cartesian | 17.92272 | 3.65 | 10.03879 | No | 17.92272 | 3.65 | 10.03879 |
| 35015 | GLOBAL | Cartesian | 17.72272 | 3.65 | 10.22004 | No | 17.72272 | 3.65 | 10.22004 |
| 35016 | GLOBAL | Cartesian | 17.72272 | 3.65 | 10.01907 | No | 17.72272 | 3.65 | 10.01907 |
| 35017 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.96375 | No | 15.12292 | 3.65 | 9.96375 |
| 35018 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.76278 | No | 15.12292 | 3.65 | 9.76278 |
| 35019 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.94401 | No | 14.92272 | 3.65 | 9.94401 |
| 35020 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.74304 | No | 14.92272 | 3.65 | 9.74304 |
| 35021 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.64826 | No | 11.92272 | 3.65 | 9.64826 |
| 35022 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.44729 | No | 11.92272 | 3.65 | 9.44729 |
| 35023 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.35252 | No | 8.92272 | 3.65 | 9.35252 |
| 35024 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.15155 | No | 8.92272 | 3.65 | 9.15155 |
| 35025 | GLOBAL | Cartesian | 26.92272 | 3.65 | 8.9702 | No | 26.92272 | 3.65 | 8.9702 |
| 35026 | GLOBAL | Cartesian | 27.12267 | 3.65 | 8.97351 | No | 27.12267 | 3.65 | 8.97351 |
| 35027 | GLOBAL | Cartesian | 26.72272 | 3.65 | 8.96688 | No | 26.72272 | 3.65 | 8.96688 |
| 35028 | GLOBAL | Cartesian | 23.92272 | 3.65 | 8.91455 | No | 23.92272 | 3.65 | 8.91455 |
| 35029 | GLOBAL | Cartesian | 24.12272 | 3.65 | 8.91971 | No | 24.12272 | 3.65 | 8.91971 |
| 35030 | GLOBAL | Cartesian | 23.72163 | 3.65 | 8.90936 | No | 23.72163 | 3.65 | 8.90936 |
| 35031 | GLOBAL | Cartesian | 20.92272 | 3.65 | 8.83154 | No | 20.92272 | 3.65 | 8.83154 |
| 35032 | GLOBAL | Cartesian | 21.12268 | 3.65 | 8.83854 | No | 21.12268 | 3.65 | 8.83854 |
| 35033 | GLOBAL | Cartesian | 20.72238 | 3.65 | 8.82452 | No | 20.72238 | 3.65 | 8.82452 |
| 35034 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.72113 | No | 17.92272 | 3.65 | 8.72113 |
| 35035 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.73 | No | 18.12292 | 3.65 | 8.73 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35036 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.71228 | No | 17.72272 | 3.65 | 8.71228 |
| 35037 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.58598 | No | 14.92272 | 3.65 | 8.58598 |
| 35038 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.5952 | No | 15.12292 | 3.65 | 8.5952 |
| 35039 | GLOBAL | Cartesian | 26.92272 | 3.65 | 8.25958 | No | 26.92272 | 3.65 | 8.25958 |
| 35040 | GLOBAL | Cartesian | 27.1227 | 3.65 | 8.26147 | No | 27.1227 | 3.65 | 8.26147 |
| 35041 | GLOBAL | Cartesian | 26.72272 | 3.65 | 8.25599 | No | 26.72272 | 3.65 | 8.25599 |
| 35042 | GLOBAL | Cartesian | 23.92272 | 3.65 | 8.20389 | No | 23.92272 | 3.65 | 8.20389 |
| 35043 | GLOBAL | Cartesian | 24.12272 | 3.65 | 8.20761 | No | 24.12272 | 3.65 | 8.20761 |
| 35044 | GLOBAL | Cartesian | 23.72163 | 3.65 | 8.19843 | No | 23.72163 | 3.65 | 8.19843 |
| 35045 | GLOBAL | Cartesian | 20.92272 | 3.65 | 8.12078 | No | 20.92272 | 3.65 | 8.12078 |
| 35046 | GLOBAL | Cartesian | 21.12293 | 3.65 | 8.12633 | No | 21.12293 | 3.65 | 8.12633 |
| 35047 | GLOBAL | Cartesian | 20.72238 | 3.65 | 8.11348 | No | 20.72238 | 3.65 | 8.11348 |
| 35048 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.00107 | No | 17.72272 | 3.65 | 8.00107 |
| 35049 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.01022 | No | 17.92272 | 3.65 | 8.01022 |
| 35050 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.0176 | No | 18.12292 | 3.65 | 8.0176 |
| 35051 | GLOBAL | Cartesian | 14.92272 | 3.65 | 7.87218 | No | 14.92272 | 3.65 | 7.87218 |
| 35052 | GLOBAL | Cartesian | 15.12292 | 3.65 | 7.8814 | No | 15.12292 | 3.65 | 7.8814 |
| 35053 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.44789 | No | 11.92272 | 3.65 | 8.44789 |
| 35054 | GLOBAL | Cartesian | 11.92272 | 3.65 | 7.70662 | No | 11.92272 | 3.65 | 7.70662 |
| 35056 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.30979 | No | 8.92272 | 3.65 | 8.30979 |
| 35057 | GLOBAL | Cartesian | 8.92272 | 3.65 | 7.52662 | No | 8.92272 | 3.65 | 7.52662 |
| 35058 | GLOBAL | Cartesian | 29.10472 | 3.65 | 8.99336 | No | 29.10472 | 3.65 | 8.99336 |
| 35059 | GLOBAL | Cartesian | 29.10472 | 3.65 | 8.28025 | No | 29.10472 | 3.65 | 8.28025 |
| 35060 | GLOBAL | Cartesian | 26.03468 | 3.65 | 8.95549 | No | 26.03468 | 3.65 | 8.95549 |
| 35061 | GLOBAL | Cartesian | 26.03468 | 3.65 | 8.24319 | No | 26.03468 | 3.65 | 8.24319 |
| 35062 | GLOBAL | Cartesian | 22.95715 | 3.65 | 8.88964 | No | 22.95715 | 3.65 | 8.88964 |
| 35063 | GLOBAL | Cartesian | 22.95715 | 3.65 | 8.17722 | No | 22.95715 | 3.65 | 8.17722 |
| 35064 | GLOBAL | Cartesian | 19.87938 | 3.65 | 8.79499 | No | 19.87938 | 3.65 | 8.79499 |
| 35065 | GLOBAL | Cartesian | 19.87938 | 3.65 | 8.08239 | No | 19.87938 | 3.65 | 8.08239 |
| 35066 | GLOBAL | Cartesian | 16.78976 | 3.65 | 8.67097 | No | 16.78976 | 3.65 | 8.67097 |
| 35067 | GLOBAL | Cartesian | 16.78976 | 3.65 | 7.95812 | No | 16.78976 | 3.65 | 7.95812 |
| 35068 | GLOBAL | Cartesian | 27.36314 | 3.65 | 10.96944 | No | 27.36314 | 3.65 | 10.96944 |
| 35069 | GLOBAL | Cartesian | 27.12272 | 3.65 | 10.64909 | No | 27.12272 | 3.65 | 10.64909 |
| 35070 | GLOBAL | Cartesian | 24.39653 | 3.65 | 10.67699 | No | 24.39653 | 3.65 | 10.67699 |
| 35071 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.38222 | No | 24.12272 | 3.65 | 10.38222 |
| 35072 | GLOBAL | Cartesian | 21.43405 | 3.65 | 10.38494 | No | 21.43405 | 3.65 | 10.38494 |
| 35073 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.11163 | No | 21.12293 | 3.65 | 10.11163 |
| 35074 | GLOBAL | Cartesian | 18.47634 | 3.65 | 10.09336 | No | 18.47634 | 3.65 | 10.09336 |
| 35075 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.83803 | No | 18.12292 | 3.65 | 9.83803 |
| 35076 | GLOBAL | Cartesian | 15.51979 | 3.65 | 9.8019 | No | 15.51979 | 3.65 | 9.8019 |
| 35077 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.56027 | No | 15.12292 | 3.65 | 9.56027 |
| 35078 | GLOBAL | Cartesian | 30.39575 | 3.65 | 11.20438 | No | 30.39575 | 3.65 | 11.20438 |
| 35079 | GLOBAL | Cartesian | 30.33374 | 3.65 | 11.26229 | No | 30.33374 | 3.65 | 11.26229 |
| 35080 | GLOBAL | Cartesian | 30.12272 | 3.65 | 10.91205 | No | 30.12272 | 3.65 | 10.91205 |
| 35081 | GLOBAL | Cartesian | 31.12971 | 3.65 | 9.97156 | No | 31.12971 | 3.65 | 9.97156 |
| 35082 | GLOBAL | Cartesian | 30.68439 | 3.65 | 9.00832 | No | 30.68439 | 3.65 | 9.00832 |
| 35083 | GLOBAL | Cartesian | 30.69121 | 3.65 | 8.28784 | No | 30.69121 | 3.65 | 8.28784 |
| 35084 | GLOBAL | Cartesian | 31.23701 | 3.65 | 11.55231 | No | 31.23701 | 3.65 | 11.55231 |
| 35085 | GLOBAL | Cartesian | 31.23701 | 3.65 | 11.45182 | No | 31.23701 | 3.65 | 11.45182 |
| 35086 | GLOBAL | Cartesian | 31.23701 | 3.65 | 11.35134 | No | 31.23701 | 3.65 | 11.35134 |
| 35087 | GLOBAL | Cartesian | 31.05129 | 3.65 | 11.534 | No | 31.05129 | 3.65 | 11.534 |
| 35088 | GLOBAL | Cartesian | 31.05129 | 3.65 | 11.43352 | No | 31.05129 | 3.65 | 11.43352 |
| 35089 | GLOBAL | Cartesian | 31.05129 | 3.65 | 11.33303 | No | 31.05129 | 3.65 | 11.33303 |
| 35090 | GLOBAL | Cartesian | 30.86558 | 3.65 | 11.51569 | No | 30.86558 | 3.65 | 11.51569 |
| 35091 | GLOBAL | Cartesian | 30.86558 | 3.65 | 11.41521 | No | 30.86558 | 3.65 | 11.41521 |
| 35092 | GLOBAL | Cartesian | 30.86558 | 3.65 | 11.31472 | No | 30.86558 | 3.65 | 11.31472 |
| 35093 | GLOBAL | Cartesian | 30.67986 | 3.65 | 11.49738 | No | 30.67986 | 3.65 | 11.49738 |
| 35094 | GLOBAL | Cartesian | 30.67986 | 3.65 | 11.3969 | No | 30.67986 | 3.65 | 11.3969 |
| 35095 | GLOBAL | Cartesian | 30.67986 | 3.65 | 11.29641 | No | 30.67986 | 3.65 | 11.29641 |
| 35096 | GLOBAL | Cartesian | 30.49415 | 3.65 | 11.47908 | No | 30.49415 | 3.65 | 11.47908 |
| 35097 | GLOBAL | Cartesian | 30.49415 | 3.65 | 11.37859 | No | 30.49415 | 3.65 | 11.37859 |
| 35098 | GLOBAL | Cartesian | 30.49415 | 3.65 | 11.27811 | No | 30.49415 | 3.65 | 11.27811 |
| 35099 | GLOBAL | Cartesian | 30.30844 | 3.65 | 11.46077 | No | 30.30844 | 3.65 | 11.46077 |
| 35100 | GLOBAL | Cartesian | 30.30844 | 3.65 | 11.36028 | No | 30.30844 | 3.65 | 11.36028 |
| 35101 | GLOBAL | Cartesian | 30.12272 | 3.65 | 11.34197 | No | 30.12272 | 3.65 | 11.34197 |
| 35102 | GLOBAL | Cartesian | 30.02272 | 3.65 | 11.4326 | No | 30.02272 | 3.65 | 11.4326 |
| 35103 | GLOBAL | Cartesian | 30.02272 | 3.65 | 11.33212 | No | 30.02272 | 3.65 | 11.33212 |
| 35104 | GLOBAL | Cartesian | 30.02272 | 3.65 | 11.23163 | No | 30.02272 | 3.65 | 11.23163 |
| 35105 | GLOBAL | Cartesian | 29.92272 | 3.65 | 11.32226 | No | 29.92272 | 3.65 | 11.32226 |
| 35106 | GLOBAL | Cartesian | 29.82272 | 3.65 | 11.41288 | No | 29.82272 | 3.65 | 11.41288 |
| 35107 | GLOBAL | Cartesian | 29.82272 | 3.65 | 11.3124 | No | 29.82272 | 3.65 | 11.3124 |
| 35108 | GLOBAL | Cartesian | 29.82272 | 3.65 | 11.21192 | No | 29.82272 | 3.65 | 11.21192 |
| 35109 | GLOBAL | Cartesian | 29.72272 | 3.65 | 11.30254 | No | 29.72272 | 3.65 | 11.30254 |
| 35110 | GLOBAL | Cartesian | 29.92272 | 3.65 | 8.82279 | No | 29.92272 | 3.65 | 8.82279 |
| 35111 | GLOBAL | Cartesian | 30.12272 | 3.65 | 8.82421 | No | 30.12272 | 3.65 | 8.82421 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35112 | GLOBAL | Cartesian | 29.92272 | 3.65 | 8.64447 | No | 29.92272 | 3.65 | 8.64447 |
| 35113 | GLOBAL | Cartesian | 30.12272 | 3.65 | 8.64542 | No | 30.12272 | 3.65 | 8.64542 |
| 35114 | GLOBAL | Cartesian | 29.92272 | 3.65 | 8.46616 | No | 29.92272 | 3.65 | 8.46616 |
| 35115 | GLOBAL | Cartesian | 30.12272 | 3.65 | 8.46663 | No | 30.12272 | 3.65 | 8.46663 |
| 35116 | GLOBAL | Cartesian | 29.72272 | 3.65 | 8.82093 | No | 29.72272 | 3.65 | 8.82093 |
| 35117 | GLOBAL | Cartesian | 29.72272 | 3.65 | 8.64266 | No | 29.72272 | 3.65 | 8.64266 |
| 35118 | GLOBAL | Cartesian | 29.72272 | 3.65 | 8.46438 | No | 29.72272 | 3.65 | 8.46438 |
| 35119 | GLOBAL | Cartesian | 29.92272 | 3.65 | 11.03672 | No | 29.92272 | 3.65 | 11.03672 |
| 35120 | GLOBAL | Cartesian | 30.02272 | 3.65 | 11.04583 | No | 30.02272 | 3.65 | 11.04583 |
| 35121 | GLOBAL | Cartesian | 29.92272 | 3.65 | 10.85166 | No | 29.92272 | 3.65 | 10.85166 |
| 35122 | GLOBAL | Cartesian | 30.02272 | 3.65 | 10.86004 | No | 30.02272 | 3.65 | 10.86004 |
| 35123 | GLOBAL | Cartesian | 29.92272 | 3.65 | 10.66661 | No | 29.92272 | 3.65 | 10.66661 |
| 35124 | GLOBAL | Cartesian | 30.02272 | 3.65 | 10.67424 | No | 30.02272 | 3.65 | 10.67424 |
| 35125 | GLOBAL | Cartesian | 30.12272 | 3.65 | 10.68187 | No | 30.12272 | 3.65 | 10.68187 |
| 35126 | GLOBAL | Cartesian | 29.92272 | 3.65 | 10.48155 | No | 29.92272 | 3.65 | 10.48155 |
| 35127 | GLOBAL | Cartesian | 30.02272 | 3.65 | 10.48844 | No | 30.02272 | 3.65 | 10.48844 |
| 35128 | GLOBAL | Cartesian | 30.12272 | 3.65 | 10.49533 | No | 30.12272 | 3.65 | 10.49533 |
| 35129 | GLOBAL | Cartesian | 29.92272 | 3.65 | 10.2965 | No | 29.92272 | 3.65 | 10.2965 |
| 35130 | GLOBAL | Cartesian | 30.02272 | 3.65 | 10.30264 | No | 30.02272 | 3.65 | 10.30264 |
| 35131 | GLOBAL | Cartesian | 30.12272 | 3.65 | 10.30879 | No | 30.12272 | 3.65 | 10.30879 |
| 35132 | GLOBAL | Cartesian | 29.92272 | 3.65 | 10.11144 | No | 29.92272 | 3.65 | 10.11144 |
| 35133 | GLOBAL | Cartesian | 30.02272 | 3.65 | 10.11684 | No | 30.02272 | 3.65 | 10.11684 |
| 35134 | GLOBAL | Cartesian | 30.12272 | 3.65 | 10.12225 | No | 30.12272 | 3.65 | 10.12225 |
| 35135 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.92638 | No | 29.92272 | 3.65 | 9.92638 |
| 35136 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.93104 | No | 30.02272 | 3.65 | 9.93104 |
| 35137 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.9357 | No | 30.12272 | 3.65 | 9.9357 |
| 35138 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.74133 | No | 29.92272 | 3.65 | 9.74133 |
| 35139 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.74525 | No | 30.02272 | 3.65 | 9.74525 |
| 35140 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.74916 | No | 30.12272 | 3.65 | 9.74916 |
| 35141 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.55627 | No | 29.92272 | 3.65 | 9.55627 |
| 35142 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.55945 | No | 30.02272 | 3.65 | 9.55945 |
| 35143 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.56262 | No | 30.12272 | 3.65 | 9.56262 |
| 35144 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.37122 | No | 29.92272 | 3.65 | 9.37122 |
| 35145 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.37365 | No | 30.02272 | 3.65 | 9.37365 |
| 35146 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.37608 | No | 30.12272 | 3.65 | 9.37608 |
| 35147 | GLOBAL | Cartesian | 29.92272 | 3.65 | 9.18616 | No | 29.92272 | 3.65 | 9.18616 |
| 35148 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.18785 | No | 30.02272 | 3.65 | 9.18785 |
| 35149 | GLOBAL | Cartesian | 30.12272 | 3.65 | 9.18954 | No | 30.12272 | 3.65 | 9.18954 |
| 35150 | GLOBAL | Cartesian | 30.02272 | 3.65 | 9.00205 | No | 30.02272 | 3.65 | 9.00205 |
| 35151 | GLOBAL | Cartesian | 29.82272 | 3.65 | 11.0276 | No | 29.82272 | 3.65 | 11.0276 |
| 35152 | GLOBAL | Cartesian | 29.82272 | 3.65 | 10.84329 | No | 29.82272 | 3.65 | 10.84329 |
| 35153 | GLOBAL | Cartesian | 29.82272 | 3.65 | 10.65898 | No | 29.82272 | 3.65 | 10.65898 |
| 35154 | GLOBAL | Cartesian | 29.82272 | 3.65 | 10.47466 | No | 29.82272 | 3.65 | 10.47466 |
| 35155 | GLOBAL | Cartesian | 29.82272 | 3.65 | 10.29035 | No | 29.82272 | 3.65 | 10.29035 |
| 35156 | GLOBAL | Cartesian | 29.82272 | 3.65 | 10.10604 | No | 29.82272 | 3.65 | 10.10604 |
| 35157 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.92172 | No | 29.82272 | 3.65 | 9.92172 |
| 35158 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.73741 | No | 29.82272 | 3.65 | 9.73741 |
| 35159 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.5531 | No | 29.82272 | 3.65 | 9.5531 |
| 35160 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.36879 | No | 29.82272 | 3.65 | 9.36879 |
| 35161 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.18447 | No | 29.82272 | 3.65 | 9.18447 |
| 35162 | GLOBAL | Cartesian | 29.82272 | 3.65 | 9.00016 | No | 29.82272 | 3.65 | 9.00016 |
| 35163 | GLOBAL | Cartesian | 29.72272 | 3.65 | 11.01849 | No | 29.72272 | 3.65 | 11.01849 |
| 35164 | GLOBAL | Cartesian | 29.72272 | 3.65 | 10.83492 | No | 29.72272 | 3.65 | 10.83492 |
| 35165 | GLOBAL | Cartesian | 29.72272 | 3.65 | 10.65135 | No | 29.72272 | 3.65 | 10.65135 |
| 35166 | GLOBAL | Cartesian | 29.72272 | 3.65 | 10.46778 | No | 29.72272 | 3.65 | 10.46778 |
| 35167 | GLOBAL | Cartesian | 29.72272 | 3.65 | 10.2842 | No | 29.72272 | 3.65 | 10.2842 |
| 35168 | GLOBAL | Cartesian | 29.72272 | 3.65 | 10.10063 | No | 29.72272 | 3.65 | 10.10063 |
| 35169 | GLOBAL | Cartesian | 29.72272 | 3.65 | 9.91706 | No | 29.72272 | 3.65 | 9.91706 |
| 35170 | GLOBAL | Cartesian | 29.72272 | 3.65 | 9.73349 | No | 29.72272 | 3.65 | 9.73349 |
| 35171 | GLOBAL | Cartesian | 29.72272 | 3.65 | 9.54992 | No | 29.72272 | 3.65 | 9.54992 |
| 35172 | GLOBAL | Cartesian | 29.72272 | 3.65 | 9.36635 | No | 29.72272 | 3.65 | 9.36635 |
| 35173 | GLOBAL | Cartesian | 29.72272 | 3.65 | 9.18278 | No | 29.72272 | 3.65 | 9.18278 |
| 35174 | GLOBAL | Cartesian | 29.53701 | 3.65 | 11.38472 | No | 29.53701 | 3.65 | 11.38472 |
| 35175 | GLOBAL | Cartesian | 29.53701 | 3.65 | 11.28423 | No | 29.53701 | 3.65 | 11.28423 |
| 35176 | GLOBAL | Cartesian | 29.53701 | 3.65 | 11.18375 | No | 29.53701 | 3.65 | 11.18375 |
| 35177 | GLOBAL | Cartesian | 29.35129 | 3.65 | 11.36641 | No | 29.35129 | 3.65 | 11.36641 |
| 35178 | GLOBAL | Cartesian | 29.35129 | 3.65 | 11.26593 | No | 29.35129 | 3.65 | 11.26593 |
| 35179 | GLOBAL | Cartesian | 29.35129 | 3.65 | 11.16544 | No | 29.35129 | 3.65 | 11.16544 |
| 35180 | GLOBAL | Cartesian | 29.16558 | 3.65 | 11.3481 | No | 29.16558 | 3.65 | 11.3481 |
| 35181 | GLOBAL | Cartesian | 29.16558 | 3.65 | 11.24762 | No | 29.16558 | 3.65 | 11.24762 |
| 35182 | GLOBAL | Cartesian | 29.16558 | 3.65 | 11.14713 | No | 29.16558 | 3.65 | 11.14713 |
| 35183 | GLOBAL | Cartesian | 28.97986 | 3.65 | 11.32979 | No | 28.97986 | 3.65 | 11.32979 |
| 35184 | GLOBAL | Cartesian | 28.97986 | 3.65 | 11.22931 | No | 28.97986 | 3.65 | 11.22931 |
| 35185 | GLOBAL | Cartesian | 28.97986 | 3.65 | 11.12882 | No | 28.97986 | 3.65 | 11.12882 |
| 35186 | GLOBAL | Cartesian | 28.79415 | 3.65 | 11.31149 | No | 28.79415 | 3.65 | 11.31149 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35187 | GLOBAL | Cartesian | 28.79415 | 3.65 | 11.211 | No | 28.79415 | 3.65 | 11.211 |
| 35188 | GLOBAL | Cartesian | 28.79415 | 3.65 | 11.11052 | No | 28.79415 | 3.65 | 11.11052 |
| 35189 | GLOBAL | Cartesian | 28.60844 | 3.65 | 11.29318 | No | 28.60844 | 3.65 | 11.29318 |
| 35190 | GLOBAL | Cartesian | 28.60844 | 3.65 | 11.19269 | No | 28.60844 | 3.65 | 11.19269 |
| 35191 | GLOBAL | Cartesian | 28.60844 | 3.65 | 11.09221 | No | 28.60844 | 3.65 | 11.09221 |
| 35192 | GLOBAL | Cartesian | 28.42272 | 3.65 | 11.27487 | No | 28.42272 | 3.65 | 11.27487 |
| 35193 | GLOBAL | Cartesian | 28.42272 | 3.65 | 11.17439 | No | 28.42272 | 3.65 | 11.17439 |
| 35194 | GLOBAL | Cartesian | 28.42272 | 3.65 | 11.0739 | No | 28.42272 | 3.65 | 11.0739 |
| 35195 | GLOBAL | Cartesian | 28.23701 | 3.65 | 11.25656 | No | 28.23701 | 3.65 | 11.25656 |
| 35196 | GLOBAL | Cartesian | 28.23701 | 3.65 | 11.15608 | No | 28.23701 | 3.65 | 11.15608 |
| 35197 | GLOBAL | Cartesian | 28.23701 | 3.65 | 11.05559 | No | 28.23701 | 3.65 | 11.05559 |
| 35198 | GLOBAL | Cartesian | 28.05129 | 3.65 | 11.23825 | No | 28.05129 | 3.65 | 11.23825 |
| 35199 | GLOBAL | Cartesian | 28.05129 | 3.65 | 11.13777 | No | 28.05129 | 3.65 | 11.13777 |
| 35200 | GLOBAL | Cartesian | 28.05129 | 3.65 | 11.03728 | No | 28.05129 | 3.65 | 11.03728 |
| 35201 | GLOBAL | Cartesian | 27.86558 | 3.65 | 11.21995 | No | 27.86558 | 3.65 | 11.21995 |
| 35202 | GLOBAL | Cartesian | 27.86558 | 3.65 | 11.11946 | No | 27.86558 | 3.65 | 11.11946 |
| 35203 | GLOBAL | Cartesian | 27.86558 | 3.65 | 11.01898 | No | 27.86558 | 3.65 | 11.01898 |
| 35204 | GLOBAL | Cartesian | 27.67986 | 3.65 | 11.20164 | No | 27.67986 | 3.65 | 11.20164 |
| 35205 | GLOBAL | Cartesian | 27.67986 | 3.65 | 11.10115 | No | 27.67986 | 3.65 | 11.10115 |
| 35206 | GLOBAL | Cartesian | 27.67986 | 3.65 | 11.00067 | No | 27.67986 | 3.65 | 11.00067 |
| 35207 | GLOBAL | Cartesian | 27.49415 | 3.65 | 11.18333 | No | 27.49415 | 3.65 | 11.18333 |
| 35208 | GLOBAL | Cartesian | 27.49415 | 3.65 | 11.08284 | No | 27.49415 | 3.65 | 11.08284 |
| 35209 | GLOBAL | Cartesian | 27.49415 | 3.65 | 10.98236 | No | 27.49415 | 3.65 | 10.98236 |
| 35210 | GLOBAL | Cartesian | 27.30844 | 3.65 | 11.16502 | No | 27.30844 | 3.65 | 11.16502 |
| 35211 | GLOBAL | Cartesian | 27.30844 | 3.65 | 11.06454 | No | 27.30844 | 3.65 | 11.06454 |
| 35212 | GLOBAL | Cartesian | 27.12272 | 3.65 | 11.04623 | No | 27.12272 | 3.65 | 11.04623 |
| 35213 | GLOBAL | Cartesian | 27.02272 | 3.65 | 11.13685 | No | 27.02272 | 3.65 | 11.13685 |
| 35214 | GLOBAL | Cartesian | 27.02272 | 3.65 | 11.03637 | No | 27.02272 | 3.65 | 11.03637 |
| 35215 | GLOBAL | Cartesian | 27.02272 | 3.65 | 10.93589 | No | 27.02272 | 3.65 | 10.93589 |
| 35216 | GLOBAL | Cartesian | 26.92272 | 3.65 | 11.02651 | No | 26.92272 | 3.65 | 11.02651 |
| 35217 | GLOBAL | Cartesian | 26.82272 | 3.65 | 11.11714 | No | 26.82272 | 3.65 | 11.11714 |
| 35218 | GLOBAL | Cartesian | 26.82272 | 3.65 | 11.01665 | No | 26.82272 | 3.65 | 11.01665 |
| 35219 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.91617 | No | 26.82272 | 3.65 | 10.91617 |
| 35220 | GLOBAL | Cartesian | 26.72272 | 3.65 | 11.0068 | No | 26.72272 | 3.65 | 11.0068 |
| 35221 | GLOBAL | Cartesian | 26.53701 | 3.65 | 11.08897 | No | 26.53701 | 3.65 | 11.08897 |
| 35222 | GLOBAL | Cartesian | 26.53701 | 3.65 | 10.98849 | No | 26.53701 | 3.65 | 10.98849 |
| 35223 | GLOBAL | Cartesian | 26.53701 | 3.65 | 10.888 | No | 26.53701 | 3.65 | 10.888 |
| 35224 | GLOBAL | Cartesian | 26.35129 | 3.65 | 11.07066 | No | 26.35129 | 3.65 | 11.07066 |
| 35225 | GLOBAL | Cartesian | 26.35129 | 3.65 | 10.97018 | No | 26.35129 | 3.65 | 10.97018 |
| 35226 | GLOBAL | Cartesian | 26.35129 | 3.65 | 10.86969 | No | 26.35129 | 3.65 | 10.86969 |
| 35227 | GLOBAL | Cartesian | 26.16558 | 3.65 | 11.05236 | No | 26.16558 | 3.65 | 11.05236 |
| 35228 | GLOBAL | Cartesian | 26.16558 | 3.65 | 10.95187 | No | 26.16558 | 3.65 | 10.95187 |
| 35229 | GLOBAL | Cartesian | 26.16558 | 3.65 | 10.85139 | No | 26.16558 | 3.65 | 10.85139 |
| 35230 | GLOBAL | Cartesian | 25.97986 | 3.65 | 11.03405 | No | 25.97986 | 3.65 | 11.03405 |
| 35231 | GLOBAL | Cartesian | 25.97986 | 3.65 | 10.93356 | No | 25.97986 | 3.65 | 10.93356 |
| 35232 | GLOBAL | Cartesian | 25.97986 | 3.65 | 10.83308 | No | 25.97986 | 3.65 | 10.83308 |
| 35233 | GLOBAL | Cartesian | 25.79415 | 3.65 | 11.01574 | No | 25.79415 | 3.65 | 11.01574 |
| 35234 | GLOBAL | Cartesian | 25.79415 | 3.65 | 10.91525 | No | 25.79415 | 3.65 | 10.91525 |
| 35235 | GLOBAL | Cartesian | 25.79415 | 3.65 | 10.81477 | No | 25.79415 | 3.65 | 10.81477 |
| 35236 | GLOBAL | Cartesian | 25.60844 | 3.65 | 10.99743 | No | 25.60844 | 3.65 | 10.99743 |
| 35237 | GLOBAL | Cartesian | 25.60844 | 3.65 | 10.89695 | No | 25.60844 | 3.65 | 10.89695 |
| 35238 | GLOBAL | Cartesian | 25.60844 | 3.65 | 10.79646 | No | 25.60844 | 3.65 | 10.79646 |
| 35239 | GLOBAL | Cartesian | 25.42272 | 3.65 | 10.97912 | No | 25.42272 | 3.65 | 10.97912 |
| 35240 | GLOBAL | Cartesian | 25.42272 | 3.65 | 10.87864 | No | 25.42272 | 3.65 | 10.87864 |
| 35241 | GLOBAL | Cartesian | 25.42272 | 3.65 | 10.77815 | No | 25.42272 | 3.65 | 10.77815 |
| 35242 | GLOBAL | Cartesian | 25.23701 | 3.65 | 10.96082 | No | 25.23701 | 3.65 | 10.96082 |
| 35243 | GLOBAL | Cartesian | 25.23701 | 3.65 | 10.86033 | No | 25.23701 | 3.65 | 10.86033 |
| 35244 | GLOBAL | Cartesian | 25.23701 | 3.65 | 10.75985 | No | 25.23701 | 3.65 | 10.75985 |
| 35245 | GLOBAL | Cartesian | 25.05129 | 3.65 | 10.94251 | No | 25.05129 | 3.65 | 10.94251 |
| 35246 | GLOBAL | Cartesian | 25.05129 | 3.65 | 10.84202 | No | 25.05129 | 3.65 | 10.84202 |
| 35247 | GLOBAL | Cartesian | 25.05129 | 3.65 | 10.74154 | No | 25.05129 | 3.65 | 10.74154 |
| 35248 | GLOBAL | Cartesian | 24.86558 | 3.65 | 10.9242 | No | 24.86558 | 3.65 | 10.9242 |
| 35249 | GLOBAL | Cartesian | 24.86558 | 3.65 | 10.82371 | No | 24.86558 | 3.65 | 10.82371 |
| 35250 | GLOBAL | Cartesian | 24.86558 | 3.65 | 10.72323 | No | 24.86558 | 3.65 | 10.72323 |
| 35251 | GLOBAL | Cartesian | 24.67986 | 3.65 | 10.90589 | No | 24.67986 | 3.65 | 10.90589 |
| 35252 | GLOBAL | Cartesian | 24.67986 | 3.65 | 10.80541 | No | 24.67986 | 3.65 | 10.80541 |
| 35253 | GLOBAL | Cartesian | 24.67986 | 3.65 | 10.70492 | No | 24.67986 | 3.65 | 10.70492 |
| 35254 | GLOBAL | Cartesian | 24.49415 | 3.65 | 10.88758 | No | 24.49415 | 3.65 | 10.88758 |
| 35255 | GLOBAL | Cartesian | 24.49415 | 3.65 | 10.7871 | No | 24.49415 | 3.65 | 10.7871 |
| 35256 | GLOBAL | Cartesian | 24.49415 | 3.65 | 10.68661 | No | 24.49415 | 3.65 | 10.68661 |
| 35257 | GLOBAL | Cartesian | 24.30844 | 3.65 | 10.86927 | No | 24.30844 | 3.65 | 10.86927 |
| 35258 | GLOBAL | Cartesian | 24.30844 | 3.65 | 10.76879 | No | 24.30844 | 3.65 | 10.76879 |
| 35259 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.75048 | No | 24.12272 | 3.65 | 10.75048 |
| 35260 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.84111 | No | 24.02272 | 3.65 | 10.84111 |
| 35261 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.74062 | No | 24.02272 | 3.65 | 10.74062 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35262 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.64014 | No | 24.02272 | 3.65 | 10.64014 |
| 35263 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.73077 | No | 23.92272 | 3.65 | 10.73077 |
| 35264 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.82134 | No | 23.82217 | 3.65 | 10.82134 |
| 35265 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.72085 | No | 23.82217 | 3.65 | 10.72085 |
| 35266 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.62037 | No | 23.82217 | 3.65 | 10.62037 |
| 35267 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.71094 | No | 23.72163 | 3.65 | 10.71094 |
| 35268 | GLOBAL | Cartesian | 23.53601 | 3.65 | 10.79313 | No | 23.53601 | 3.65 | 10.79313 |
| 35269 | GLOBAL | Cartesian | 23.53601 | 3.65 | 10.69264 | No | 23.53601 | 3.65 | 10.69264 |
| 35270 | GLOBAL | Cartesian | 23.53601 | 3.65 | 10.59216 | No | 23.53601 | 3.65 | 10.59216 |
| 35271 | GLOBAL | Cartesian | 23.35038 | 3.65 | 10.77483 | No | 23.35038 | 3.65 | 10.77483 |
| 35272 | GLOBAL | Cartesian | 23.35038 | 3.65 | 10.67434 | No | 23.35038 | 3.65 | 10.67434 |
| 35273 | GLOBAL | Cartesian | 23.35038 | 3.65 | 10.57386 | No | 23.35038 | 3.65 | 10.57386 |
| 35274 | GLOBAL | Cartesian | 23.16476 | 3.65 | 10.75653 | No | 23.16476 | 3.65 | 10.75653 |
| 35275 | GLOBAL | Cartesian | 23.16476 | 3.65 | 10.65604 | No | 23.16476 | 3.65 | 10.65604 |
| 35276 | GLOBAL | Cartesian | 23.16476 | 3.65 | 10.55556 | No | 23.16476 | 3.65 | 10.55556 |
| 35277 | GLOBAL | Cartesian | 22.97914 | 3.65 | 10.73823 | No | 22.97914 | 3.65 | 10.73823 |
| 35278 | GLOBAL | Cartesian | 22.97914 | 3.65 | 10.63775 | No | 22.97914 | 3.65 | 10.63775 |
| 35279 | GLOBAL | Cartesian | 22.97914 | 3.65 | 10.53726 | No | 22.97914 | 3.65 | 10.53726 |
| 35280 | GLOBAL | Cartesian | 22.79352 | 3.65 | 10.71993 | No | 22.79352 | 3.65 | 10.71993 |
| 35281 | GLOBAL | Cartesian | 22.79352 | 3.65 | 10.61945 | No | 22.79352 | 3.65 | 10.61945 |
| 35282 | GLOBAL | Cartesian | 22.79352 | 3.65 | 10.51896 | No | 22.79352 | 3.65 | 10.51896 |
| 35283 | GLOBAL | Cartesian | 22.6079 | 3.65 | 10.70163 | No | 22.6079 | 3.65 | 10.70163 |
| 35284 | GLOBAL | Cartesian | 22.6079 | 3.65 | 10.60115 | No | 22.6079 | 3.65 | 10.60115 |
| 35285 | GLOBAL | Cartesian | 22.6079 | 3.65 | 10.50066 | No | 22.6079 | 3.65 | 10.50066 |
| 35286 | GLOBAL | Cartesian | 22.42228 | 3.65 | 10.68333 | No | 22.42228 | 3.65 | 10.68333 |
| 35287 | GLOBAL | Cartesian | 22.42228 | 3.65 | 10.58285 | No | 22.42228 | 3.65 | 10.58285 |
| 35288 | GLOBAL | Cartesian | 22.42228 | 3.65 | 10.48236 | No | 22.42228 | 3.65 | 10.48236 |
| 35289 | GLOBAL | Cartesian | 22.23666 | 3.65 | 10.66503 | No | 22.23666 | 3.65 | 10.66503 |
| 35290 | GLOBAL | Cartesian | 22.23666 | 3.65 | 10.56455 | No | 22.23666 | 3.65 | 10.56455 |
| 35291 | GLOBAL | Cartesian | 22.23666 | 3.65 | 10.46406 | No | 22.23666 | 3.65 | 10.46406 |
| 35292 | GLOBAL | Cartesian | 22.05103 | 3.65 | 10.64674 | No | 22.05103 | 3.65 | 10.64674 |
| 35293 | GLOBAL | Cartesian | 22.05103 | 3.65 | 10.54625 | No | 22.05103 | 3.65 | 10.54625 |
| 35294 | GLOBAL | Cartesian | 22.05103 | 3.65 | 10.44577 | No | 22.05103 | 3.65 | 10.44577 |
| 35295 | GLOBAL | Cartesian | 21.86541 | 3.65 | 10.62844 | No | 21.86541 | 3.65 | 10.62844 |
| 35296 | GLOBAL | Cartesian | 21.86541 | 3.65 | 10.52795 | No | 21.86541 | 3.65 | 10.52795 |
| 35297 | GLOBAL | Cartesian | 21.86541 | 3.65 | 10.42747 | No | 21.86541 | 3.65 | 10.42747 |
| 35298 | GLOBAL | Cartesian | 21.67979 | 3.65 | 10.61014 | No | 21.67979 | 3.65 | 10.61014 |
| 35299 | GLOBAL | Cartesian | 21.67979 | 3.65 | 10.50965 | No | 21.67979 | 3.65 | 10.50965 |
| 35300 | GLOBAL | Cartesian | 21.67979 | 3.65 | 10.40917 | No | 21.67979 | 3.65 | 10.40917 |
| 35301 | GLOBAL | Cartesian | 21.49417 | 3.65 | 10.59184 | No | 21.49417 | 3.65 | 10.59184 |
| 35302 | GLOBAL | Cartesian | 21.49417 | 3.65 | 10.49135 | No | 21.49417 | 3.65 | 10.49135 |
| 35303 | GLOBAL | Cartesian | 21.30855 | 3.65 | 10.57354 | No | 21.30855 | 3.65 | 10.57354 |
| 35304 | GLOBAL | Cartesian | 21.30855 | 3.65 | 10.47305 | No | 21.30855 | 3.65 | 10.47305 |
| 35305 | GLOBAL | Cartesian | 21.30855 | 3.65 | 10.37257 | No | 21.30855 | 3.65 | 10.37257 |
| 35306 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.45476 | No | 21.12293 | 3.65 | 10.45476 |
| 35307 | GLOBAL | Cartesian | 21.02282 | 3.65 | 10.54537 | No | 21.02282 | 3.65 | 10.54537 |
| 35308 | GLOBAL | Cartesian | 21.02282 | 3.65 | 10.44489 | No | 21.02282 | 3.65 | 10.44489 |
| 35309 | GLOBAL | Cartesian | 21.02282 | 3.65 | 10.3444 | No | 21.02282 | 3.65 | 10.3444 |
| 35310 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.43502 | No | 20.92272 | 3.65 | 10.43502 |
| 35311 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.52563 | No | 20.82255 | 3.65 | 10.52563 |
| 35312 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.42514 | No | 20.82255 | 3.65 | 10.42514 |
| 35313 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.32466 | No | 20.82255 | 3.65 | 10.32466 |
| 35314 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.41527 | No | 20.72238 | 3.65 | 10.41527 |
| 35315 | GLOBAL | Cartesian | 20.53671 | 3.65 | 10.49745 | No | 20.53671 | 3.65 | 10.49745 |
| 35316 | GLOBAL | Cartesian | 20.53671 | 3.65 | 10.39697 | No | 20.53671 | 3.65 | 10.39697 |
| 35317 | GLOBAL | Cartesian | 20.53671 | 3.65 | 10.29648 | No | 20.53671 | 3.65 | 10.29648 |
| 35318 | GLOBAL | Cartesian | 20.35103 | 3.65 | 10.47915 | No | 20.35103 | 3.65 | 10.47915 |
| 35319 | GLOBAL | Cartesian | 20.35103 | 3.65 | 10.37866 | No | 20.35103 | 3.65 | 10.37866 |
| 35320 | GLOBAL | Cartesian | 20.35103 | 3.65 | 10.27818 | No | 20.35103 | 3.65 | 10.27818 |
| 35321 | GLOBAL | Cartesian | 20.16536 | 3.65 | 10.46084 | No | 20.16536 | 3.65 | 10.46084 |
| 35322 | GLOBAL | Cartesian | 20.16536 | 3.65 | 10.36036 | No | 20.16536 | 3.65 | 10.36036 |
| 35323 | GLOBAL | Cartesian | 20.16536 | 3.65 | 10.25987 | No | 20.16536 | 3.65 | 10.25987 |
| 35324 | GLOBAL | Cartesian | 19.97968 | 3.65 | 10.44254 | No | 19.97968 | 3.65 | 10.44254 |
| 35325 | GLOBAL | Cartesian | 19.97968 | 3.65 | 10.34205 | No | 19.97968 | 3.65 | 10.34205 |
| 35326 | GLOBAL | Cartesian | 19.97968 | 3.65 | 10.24157 | No | 19.97968 | 3.65 | 10.24157 |
| 35327 | GLOBAL | Cartesian | 19.794 | 3.65 | 10.42423 | No | 19.794 | 3.65 | 10.42423 |
| 35328 | GLOBAL | Cartesian | 19.794 | 3.65 | 10.32375 | No | 19.794 | 3.65 | 10.32375 |
| 35329 | GLOBAL | Cartesian | 19.794 | 3.65 | 10.22326 | No | 19.794 | 3.65 | 10.22326 |
| 35330 | GLOBAL | Cartesian | 19.60833 | 3.65 | 10.40593 | No | 19.60833 | 3.65 | 10.40593 |
| 35331 | GLOBAL | Cartesian | 19.60833 | 3.65 | 10.30544 | No | 19.60833 | 3.65 | 10.30544 |
| 35332 | GLOBAL | Cartesian | 19.60833 | 3.65 | 10.20496 | No | 19.60833 | 3.65 | 10.20496 |
| 35333 | GLOBAL | Cartesian | 19.42265 | 3.65 | 10.38762 | No | 19.42265 | 3.65 | 10.38762 |
| 35334 | GLOBAL | Cartesian | 19.42265 | 3.65 | 10.28714 | No | 19.42265 | 3.65 | 10.28714 |
| 35335 | GLOBAL | Cartesian | 19.42265 | 3.65 | 10.18665 | No | 19.42265 | 3.65 | 10.18665 |
| 35336 | GLOBAL | Cartesian | 19.23698 | 3.65 | 10.36932 | No | 19.23698 | 3.65 | 10.36932 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35337 | GLOBAL | Cartesian | 19.23698 | 3.65 | 10.26883 | No | 19.23698 | 3.65 | 10.26883 |
| 35338 | GLOBAL | Cartesian | 19.23698 | 3.65 | 10.16835 | No | 19.23698 | 3.65 | 10.16835 |
| 35339 | GLOBAL | Cartesian | 19.0513 | 3.65 | 10.35102 | No | 19.0513 | 3.65 | 10.35102 |
| 35340 | GLOBAL | Cartesian | 19.0513 | 3.65 | 10.25053 | No | 19.0513 | 3.65 | 10.25053 |
| 35341 | GLOBAL | Cartesian | 19.0513 | 3.65 | 10.15005 | No | 19.0513 | 3.65 | 10.15005 |
| 35342 | GLOBAL | Cartesian | 18.86562 | 3.65 | 10.33271 | No | 18.86562 | 3.65 | 10.33271 |
| 35343 | GLOBAL | Cartesian | 18.86562 | 3.65 | 10.23223 | No | 18.86562 | 3.65 | 10.23223 |
| 35344 | GLOBAL | Cartesian | 18.86562 | 3.65 | 10.13174 | No | 18.86562 | 3.65 | 10.13174 |
| 35345 | GLOBAL | Cartesian | 18.67995 | 3.65 | 10.31441 | No | 18.67995 | 3.65 | 10.31441 |
| 35346 | GLOBAL | Cartesian | 18.67995 | 3.65 | 10.21392 | No | 18.67995 | 3.65 | 10.21392 |
| 35347 | GLOBAL | Cartesian | 18.67995 | 3.65 | 10.11344 | No | 18.67995 | 3.65 | 10.11344 |
| 35348 | GLOBAL | Cartesian | 18.49427 | 3.65 | 10.2961 | No | 18.49427 | 3.65 | 10.2961 |
| 35349 | GLOBAL | Cartesian | 18.49427 | 3.65 | 10.19562 | No | 18.49427 | 3.65 | 10.19562 |
| 35350 | GLOBAL | Cartesian | 18.3086 | 3.65 | 10.2778 | No | 18.3086 | 3.65 | 10.2778 |
| 35351 | GLOBAL | Cartesian | 18.3086 | 3.65 | 10.17731 | No | 18.3086 | 3.65 | 10.17731 |
| 35352 | GLOBAL | Cartesian | 18.12292 | 3.65 | 10.15901 | No | 18.12292 | 3.65 | 10.15901 |
| 35353 | GLOBAL | Cartesian | 18.02282 | 3.65 | 10.24963 | No | 18.02282 | 3.65 | 10.24963 |
| 35354 | GLOBAL | Cartesian | 18.02282 | 3.65 | 10.14914 | No | 18.02282 | 3.65 | 10.14914 |
| 35355 | GLOBAL | Cartesian | 18.02282 | 3.65 | 10.04866 | No | 18.02282 | 3.65 | 10.04866 |
| 35356 | GLOBAL | Cartesian | 17.92272 | 3.65 | 10.13927 | No | 17.92272 | 3.65 | 10.13927 |
| 35357 | GLOBAL | Cartesian | 17.82272 | 3.65 | 10.2299 | No | 17.82272 | 3.65 | 10.2299 |
| 35358 | GLOBAL | Cartesian | 17.82272 | 3.65 | 10.12941 | No | 17.82272 | 3.65 | 10.12941 |
| 35359 | GLOBAL | Cartesian | 17.82272 | 3.65 | 10.02893 | No | 17.82272 | 3.65 | 10.02893 |
| 35360 | GLOBAL | Cartesian | 17.72272 | 3.65 | 10.11956 | No | 17.72272 | 3.65 | 10.11956 |
| 35361 | GLOBAL | Cartesian | 17.53702 | 3.65 | 10.20173 | No | 17.53702 | 3.65 | 10.20173 |
| 35362 | GLOBAL | Cartesian | 17.53702 | 3.65 | 10.10125 | No | 17.53702 | 3.65 | 10.10125 |
| 35363 | GLOBAL | Cartesian | 17.53702 | 3.65 | 10.00076 | No | 17.53702 | 3.65 | 10.00076 |
| 35364 | GLOBAL | Cartesian | 17.35132 | 3.65 | 10.18343 | No | 17.35132 | 3.65 | 10.18343 |
| 35365 | GLOBAL | Cartesian | 17.35132 | 3.65 | 10.08294 | No | 17.35132 | 3.65 | 10.08294 |
| 35366 | GLOBAL | Cartesian | 17.35132 | 3.65 | 9.98246 | No | 17.35132 | 3.65 | 9.98246 |
| 35367 | GLOBAL | Cartesian | 17.16562 | 3.65 | 10.16512 | No | 17.16562 | 3.65 | 10.16512 |
| 35368 | GLOBAL | Cartesian | 17.16562 | 3.65 | 10.06464 | No | 17.16562 | 3.65 | 10.06464 |
| 35369 | GLOBAL | Cartesian | 17.16562 | 3.65 | 9.96415 | No | 17.16562 | 3.65 | 9.96415 |
| 35370 | GLOBAL | Cartesian | 16.97992 | 3.65 | 10.14681 | No | 16.97992 | 3.65 | 10.14681 |
| 35371 | GLOBAL | Cartesian | 16.97992 | 3.65 | 10.04633 | No | 16.97992 | 3.65 | 10.04633 |
| 35372 | GLOBAL | Cartesian | 16.97992 | 3.65 | 9.94584 | No | 16.97992 | 3.65 | 9.94584 |
| 35373 | GLOBAL | Cartesian | 16.79422 | 3.65 | 10.12851 | No | 16.79422 | 3.65 | 10.12851 |
| 35374 | GLOBAL | Cartesian | 16.79422 | 3.65 | 10.02802 | No | 16.79422 | 3.65 | 10.02802 |
| 35375 | GLOBAL | Cartesian | 16.79422 | 3.65 | 9.92754 | No | 16.79422 | 3.65 | 9.92754 |
| 35376 | GLOBAL | Cartesian | 16.60852 | 3.65 | 10.1102 | No | 16.60852 | 3.65 | 10.1102 |
| 35377 | GLOBAL | Cartesian | 16.60852 | 3.65 | 10.00972 | No | 16.60852 | 3.65 | 10.00972 |
| 35378 | GLOBAL | Cartesian | 16.60852 | 3.65 | 9.90923 | No | 16.60852 | 3.65 | 9.90923 |
| 35379 | GLOBAL | Cartesian | 16.42282 | 3.65 | 10.09189 | No | 16.42282 | 3.65 | 10.09189 |
| 35380 | GLOBAL | Cartesian | 16.42282 | 3.65 | 9.99141 | No | 16.42282 | 3.65 | 9.99141 |
| 35381 | GLOBAL | Cartesian | 16.42282 | 3.65 | 9.89092 | No | 16.42282 | 3.65 | 9.89092 |
| 35382 | GLOBAL | Cartesian | 16.23712 | 3.65 | 10.07359 | No | 16.23712 | 3.65 | 10.07359 |
| 35383 | GLOBAL | Cartesian | 16.23712 | 3.65 | 9.9731 | No | 16.23712 | 3.65 | 9.9731 |
| 35384 | GLOBAL | Cartesian | 16.23712 | 3.65 | 9.87262 | No | 16.23712 | 3.65 | 9.87262 |
| 35385 | GLOBAL | Cartesian | 16.05142 | 3.65 | 10.05528 | No | 16.05142 | 3.65 | 10.05528 |
| 35386 | GLOBAL | Cartesian | 16.05142 | 3.65 | 9.9548 | No | 16.05142 | 3.65 | 9.9548 |
| 35387 | GLOBAL | Cartesian | 16.05142 | 3.65 | 9.85431 | No | 16.05142 | 3.65 | 9.85431 |
| 35388 | GLOBAL | Cartesian | 15.86572 | 3.65 | 10.03697 | No | 15.86572 | 3.65 | 10.03697 |
| 35389 | GLOBAL | Cartesian | 15.86572 | 3.65 | 9.93649 | No | 15.86572 | 3.65 | 9.93649 |
| 35390 | GLOBAL | Cartesian | 15.86572 | 3.65 | 9.836 | No | 15.86572 | 3.65 | 9.836 |
| 35391 | GLOBAL | Cartesian | 15.68002 | 3.65 | 10.01867 | No | 15.68002 | 3.65 | 10.01867 |
| 35392 | GLOBAL | Cartesian | 15.68002 | 3.65 | 9.91818 | No | 15.68002 | 3.65 | 9.91818 |
| 35393 | GLOBAL | Cartesian | 15.68002 | 3.65 | 9.8177 | No | 15.68002 | 3.65 | 9.8177 |
| 35394 | GLOBAL | Cartesian | 15.49432 | 3.65 | 10.00036 | No | 15.49432 | 3.65 | 10.00036 |
| 35395 | GLOBAL | Cartesian | 15.49432 | 3.65 | 9.89988 | No | 15.49432 | 3.65 | 9.89988 |
| 35396 | GLOBAL | Cartesian | 15.30862 | 3.65 | 9.98205 | No | 15.30862 | 3.65 | 9.98205 |
| 35397 | GLOBAL | Cartesian | 15.30862 | 3.65 | 9.88157 | No | 15.30862 | 3.65 | 9.88157 |
| 35398 | GLOBAL | Cartesian | 15.30862 | 3.65 | 9.78108 | No | 15.30862 | 3.65 | 9.78108 |
| 35399 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.86326 | No | 15.12292 | 3.65 | 9.86326 |
| 35400 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.95388 | No | 15.02282 | 3.65 | 9.95388 |
| 35401 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.85339 | No | 15.02282 | 3.65 | 9.85339 |
| 35402 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.75291 | No | 15.02282 | 3.65 | 9.75291 |
| 35403 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.84353 | No | 14.92272 | 3.65 | 9.84353 |
| 35404 | GLOBAL | Cartesian | 27.02272 | 3.65 | 10.73948 | No | 27.02272 | 3.65 | 10.73948 |
| 35405 | GLOBAL | Cartesian | 27.12272 | 3.65 | 10.74852 | No | 27.12272 | 3.65 | 10.74852 |
| 35406 | GLOBAL | Cartesian | 27.02272 | 3.65 | 10.54308 | No | 27.02272 | 3.65 | 10.54308 |
| 35407 | GLOBAL | Cartesian | 27.02271 | 3.65 | 10.34668 | No | 27.02271 | 3.65 | 10.34668 |
| 35408 | GLOBAL | Cartesian | 27.1227 | 3.65 | 10.35407 | No | 27.1227 | 3.65 | 10.35407 |
| 35409 | GLOBAL | Cartesian | 27.02271 | 3.65 | 10.15027 | No | 27.02271 | 3.65 | 10.15027 |
| 35410 | GLOBAL | Cartesian | 27.1227 | 3.65 | 10.15685 | No | 27.1227 | 3.65 | 10.15685 |
| 35411 | GLOBAL | Cartesian | 27.02271 | 3.65 | 9.95387 | No | 27.02271 | 3.65 | 9.95387 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35412 | GLOBAL | Cartesian | 27.12269 | 3.65 | 9.95963 | No | 27.12269 | 3.65 | 9.95963 |
| 35413 | GLOBAL | Cartesian | 27.02227 | 3.65 | 9.75747 | No | 27.02227 | 3.65 | 9.75747 |
| 35414 | GLOBAL | Cartesian | 27.12269 | 3.65 | 9.7624 | No | 27.12269 | 3.65 | 9.7624 |
| 35415 | GLOBAL | Cartesian | 27.02227 | 3.65 | 9.56106 | No | 27.02227 | 3.65 | 9.56106 |
| 35416 | GLOBAL | Cartesian | 27.12268 | 3.65 | 9.56518 | No | 27.12268 | 3.65 | 9.56518 |
| 35417 | GLOBAL | Cartesian | 27.02227 | 3.65 | 9.36466 | No | 27.02227 | 3.65 | 9.36466 |
| 35418 | GLOBAL | Cartesian | 27.12268 | 3.65 | 9.36796 | No | 27.12268 | 3.65 | 9.36796 |
| 35419 | GLOBAL | Cartesian | 27.02227 | 3.65 | 9.16826 | No | 27.02227 | 3.65 | 9.16826 |
| 35420 | GLOBAL | Cartesian | 27.12267 | 3.65 | 9.17073 | No | 27.12267 | 3.65 | 9.17073 |
| 35421 | GLOBAL | Cartesian | 27.02269 | 3.65 | 8.97185 | No | 27.02269 | 3.65 | 8.97185 |
| 35422 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.73044 | No | 26.92272 | 3.65 | 10.73044 |
| 35423 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.53486 | No | 26.92272 | 3.65 | 10.53486 |
| 35424 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.33928 | No | 26.92272 | 3.65 | 10.33928 |
| 35425 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.1437 | No | 26.92272 | 3.65 | 10.1437 |
| 35426 | GLOBAL | Cartesian | 26.92272 | 3.65 | 9.94811 | No | 26.92272 | 3.65 | 9.94811 |
| 35427 | GLOBAL | Cartesian | 26.92272 | 3.65 | 9.75253 | No | 26.92272 | 3.65 | 9.75253 |
| 35428 | GLOBAL | Cartesian | 26.92272 | 3.65 | 9.55695 | No | 26.92272 | 3.65 | 9.55695 |
| 35429 | GLOBAL | Cartesian | 26.92272 | 3.65 | 9.36136 | No | 26.92272 | 3.65 | 9.36136 |
| 35430 | GLOBAL | Cartesian | 26.92272 | 3.65 | 9.16578 | No | 26.92272 | 3.65 | 9.16578 |
| 35431 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.72141 | No | 26.82272 | 3.65 | 10.72141 |
| 35432 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.52664 | No | 26.82272 | 3.65 | 10.52664 |
| 35433 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.33188 | No | 26.82272 | 3.65 | 10.33188 |
| 35434 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.13712 | No | 26.82272 | 3.65 | 10.13712 |
| 35435 | GLOBAL | Cartesian | 26.82272 | 3.65 | 9.94235 | No | 26.82272 | 3.65 | 9.94235 |
| 35436 | GLOBAL | Cartesian | 26.82272 | 3.65 | 9.74759 | No | 26.82272 | 3.65 | 9.74759 |
| 35437 | GLOBAL | Cartesian | 26.82272 | 3.65 | 9.55283 | No | 26.82272 | 3.65 | 9.55283 |
| 35438 | GLOBAL | Cartesian | 26.82272 | 3.65 | 9.35807 | No | 26.82272 | 3.65 | 9.35807 |
| 35439 | GLOBAL | Cartesian | 26.82272 | 3.65 | 9.1633 | No | 26.82272 | 3.65 | 9.1633 |
| 35440 | GLOBAL | Cartesian | 26.82272 | 3.65 | 8.96854 | No | 26.82272 | 3.65 | 8.96854 |
| 35441 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.71237 | No | 26.72272 | 3.65 | 10.71237 |
| 35442 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.51843 | No | 26.72272 | 3.65 | 10.51843 |
| 35443 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.32448 | No | 26.72272 | 3.65 | 10.32448 |
| 35444 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.13054 | No | 26.72272 | 3.65 | 10.13054 |
| 35445 | GLOBAL | Cartesian | 26.72272 | 3.65 | 9.9366 | No | 26.72272 | 3.65 | 9.9366 |
| 35446 | GLOBAL | Cartesian | 26.72272 | 3.65 | 9.74265 | No | 26.72272 | 3.65 | 9.74265 |
| 35447 | GLOBAL | Cartesian | 26.72272 | 3.65 | 9.54871 | No | 26.72272 | 3.65 | 9.54871 |
| 35448 | GLOBAL | Cartesian | 26.72272 | 3.65 | 9.35477 | No | 26.72272 | 3.65 | 9.35477 |
| 35449 | GLOBAL | Cartesian | 26.72272 | 3.65 | 9.16083 | No | 26.72272 | 3.65 | 9.16083 |
| 35450 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.43964 | No | 23.92272 | 3.65 | 10.43964 |
| 35451 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.44869 | No | 24.02272 | 3.65 | 10.44869 |
| 35452 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.24901 | No | 23.92272 | 3.65 | 10.24901 |
| 35453 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.25725 | No | 24.02272 | 3.65 | 10.25725 |
| 35454 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.26549 | No | 24.12272 | 3.65 | 10.26549 |
| 35455 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.05837 | No | 23.92272 | 3.65 | 10.05837 |
| 35456 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.0658 | No | 24.02272 | 3.65 | 10.0658 |
| 35457 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.07324 | No | 24.12272 | 3.65 | 10.07324 |
| 35458 | GLOBAL | Cartesian | 23.92272 | 3.65 | 9.86773 | No | 23.92272 | 3.65 | 9.86773 |
| 35459 | GLOBAL | Cartesian | 24.02272 | 3.65 | 9.87436 | No | 24.02272 | 3.65 | 9.87436 |
| 35460 | GLOBAL | Cartesian | 24.12272 | 3.65 | 9.88098 | No | 24.12272 | 3.65 | 9.88098 |
| 35461 | GLOBAL | Cartesian | 23.92272 | 3.65 | 9.6771 | No | 23.92272 | 3.65 | 9.6771 |
| 35462 | GLOBAL | Cartesian | 24.02272 | 3.65 | 9.68291 | No | 24.02272 | 3.65 | 9.68291 |
| 35463 | GLOBAL | Cartesian | 24.12272 | 3.65 | 9.68873 | No | 24.12272 | 3.65 | 9.68873 |
| 35464 | GLOBAL | Cartesian | 23.92272 | 3.65 | 9.48646 | No | 23.92272 | 3.65 | 9.48646 |
| 35465 | GLOBAL | Cartesian | 24.02272 | 3.65 | 9.49147 | No | 24.02272 | 3.65 | 9.49147 |
| 35466 | GLOBAL | Cartesian | 24.12272 | 3.65 | 9.49647 | No | 24.12272 | 3.65 | 9.49647 |
| 35467 | GLOBAL | Cartesian | 23.92272 | 3.65 | 9.29583 | No | 23.92272 | 3.65 | 9.29583 |
| 35468 | GLOBAL | Cartesian | 24.02272 | 3.65 | 9.30002 | No | 24.02272 | 3.65 | 9.30002 |
| 35469 | GLOBAL | Cartesian | 24.12272 | 3.65 | 9.30422 | No | 24.12272 | 3.65 | 9.30422 |
| 35470 | GLOBAL | Cartesian | 23.92272 | 3.65 | 9.10519 | No | 23.92272 | 3.65 | 9.10519 |
| 35471 | GLOBAL | Cartesian | 24.02272 | 3.65 | 9.10858 | No | 24.02272 | 3.65 | 9.10858 |
| 35472 | GLOBAL | Cartesian | 24.12272 | 3.65 | 9.11197 | No | 24.12272 | 3.65 | 9.11197 |
| 35473 | GLOBAL | Cartesian | 24.02272 | 3.65 | 8.91713 | No | 24.02272 | 3.65 | 8.91713 |
| 35474 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.42145 | No | 23.72163 | 3.65 | 10.42145 |
| 35475 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.43055 | No | 23.82217 | 3.65 | 10.43055 |
| 35476 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.23244 | No | 23.72163 | 3.65 | 10.23244 |
| 35477 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.24072 | No | 23.82217 | 3.65 | 10.24072 |
| 35478 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.04343 | No | 23.72163 | 3.65 | 10.04343 |
| 35479 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.0509 | No | 23.82217 | 3.65 | 10.0509 |
| 35480 | GLOBAL | Cartesian | 23.72163 | 3.65 | 9.85442 | No | 23.72163 | 3.65 | 9.85442 |
| 35481 | GLOBAL | Cartesian | 23.82217 | 3.65 | 9.86108 | No | 23.82217 | 3.65 | 9.86108 |
| 35482 | GLOBAL | Cartesian | 23.72163 | 3.65 | 9.66541 | No | 23.72163 | 3.65 | 9.66541 |
| 35483 | GLOBAL | Cartesian | 23.82217 | 3.65 | 9.67125 | No | 23.82217 | 3.65 | 9.67125 |
| 35484 | GLOBAL | Cartesian | 23.72163 | 3.65 | 9.4764 | No | 23.72163 | 3.65 | 9.4764 |
| 35485 | GLOBAL | Cartesian | 23.82217 | 3.65 | 9.48143 | No | 23.82217 | 3.65 | 9.48143 |
| 35486 | GLOBAL | Cartesian | 23.72163 | 3.65 | 9.28739 | No | 23.72163 | 3.65 | 9.28739 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35487 | GLOBAL | Cartesian | 23.82217 | 3.65 | 9.29161 | No | 23.82217 | 3.65 | 9.29161 |
| 35488 | GLOBAL | Cartesian | 23.72163 | 3.65 | 9.09837 | No | 23.72163 | 3.65 | 9.09837 |
| 35489 | GLOBAL | Cartesian | 23.82217 | 3.65 | 9.10178 | No | 23.82217 | 3.65 | 9.10178 |
| 35490 | GLOBAL | Cartesian | 23.82217 | 3.65 | 8.91196 | No | 23.82217 | 3.65 | 8.91196 |
| 35491 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.14666 | No | 20.92272 | 3.65 | 10.14666 |
| 35492 | GLOBAL | Cartesian | 21.02281 | 3.65 | 10.15573 | No | 21.02281 | 3.65 | 10.15573 |
| 35493 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.95879 | No | 20.92272 | 3.65 | 9.95879 |
| 35494 | GLOBAL | Cartesian | 21.02279 | 3.65 | 9.96706 | No | 21.02279 | 3.65 | 9.96706 |
| 35495 | GLOBAL | Cartesian | 21.12287 | 3.65 | 9.97534 | No | 21.12287 | 3.65 | 9.97534 |
| 35496 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.77091 | No | 20.92272 | 3.65 | 9.77091 |
| 35497 | GLOBAL | Cartesian | 21.02278 | 3.65 | 9.77839 | No | 21.02278 | 3.65 | 9.77839 |
| 35498 | GLOBAL | Cartesian | 21.12283 | 3.65 | 9.78587 | No | 21.12283 | 3.65 | 9.78587 |
| 35499 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.58304 | No | 20.92272 | 3.65 | 9.58304 |
| 35500 | GLOBAL | Cartesian | 21.02276 | 3.65 | 9.58972 | No | 21.02276 | 3.65 | 9.58972 |
| 35501 | GLOBAL | Cartesian | 21.1228 | 3.65 | 9.59641 | No | 21.1228 | 3.65 | 9.59641 |
| 35502 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.39516 | No | 20.92272 | 3.65 | 9.39516 |
| 35503 | GLOBAL | Cartesian | 21.02275 | 3.65 | 9.40105 | No | 21.02275 | 3.65 | 9.40105 |
| 35504 | GLOBAL | Cartesian | 21.12277 | 3.65 | 9.40694 | No | 21.12277 | 3.65 | 9.40694 |
| 35505 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.20729 | No | 20.92272 | 3.65 | 9.20729 |
| 35506 | GLOBAL | Cartesian | 21.02273 | 3.65 | 9.21238 | No | 21.02273 | 3.65 | 9.21238 |
| 35507 | GLOBAL | Cartesian | 21.12274 | 3.65 | 9.21748 | No | 21.12274 | 3.65 | 9.21748 |
| 35508 | GLOBAL | Cartesian | 20.92272 | 3.65 | 9.01941 | No | 20.92272 | 3.65 | 9.01941 |
| 35509 | GLOBAL | Cartesian | 21.02272 | 3.65 | 9.02371 | No | 21.02272 | 3.65 | 9.02371 |
| 35510 | GLOBAL | Cartesian | 21.12271 | 3.65 | 9.02801 | No | 21.12271 | 3.65 | 9.02801 |
| 35511 | GLOBAL | Cartesian | 21.0227 | 3.65 | 8.83504 | No | 21.0227 | 3.65 | 8.83504 |
| 35512 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.1285 | No | 20.72238 | 3.65 | 10.1285 |
| 35513 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.13758 | No | 20.82255 | 3.65 | 10.13758 |
| 35514 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.94222 | No | 20.72238 | 3.65 | 9.94222 |
| 35515 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.9505 | No | 20.82255 | 3.65 | 9.9505 |
| 35516 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.75594 | No | 20.72238 | 3.65 | 9.75594 |
| 35517 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.76342 | No | 20.82255 | 3.65 | 9.76342 |
| 35518 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.56965 | No | 20.72238 | 3.65 | 9.56965 |
| 35519 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.57634 | No | 20.82255 | 3.65 | 9.57634 |
| 35520 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.38337 | No | 20.72238 | 3.65 | 9.38337 |
| 35521 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.38927 | No | 20.82255 | 3.65 | 9.38927 |
| 35522 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.19709 | No | 20.72238 | 3.65 | 9.19709 |
| 35523 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.20219 | No | 20.82255 | 3.65 | 9.20219 |
| 35524 | GLOBAL | Cartesian | 20.72238 | 3.65 | 9.0108 | No | 20.72238 | 3.65 | 9.0108 |
| 35525 | GLOBAL | Cartesian | 20.82255 | 3.65 | 9.01511 | No | 20.82255 | 3.65 | 9.01511 |
| 35526 | GLOBAL | Cartesian | 20.82255 | 3.65 | 8.82803 | No | 20.82255 | 3.65 | 8.82803 |
| 35527 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.85055 | No | 17.92272 | 3.65 | 9.85055 |
| 35528 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.85964 | No | 18.02282 | 3.65 | 9.85964 |
| 35529 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.66231 | No | 17.92272 | 3.65 | 9.66231 |
| 35530 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.67063 | No | 18.02282 | 3.65 | 9.67063 |
| 35531 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.67894 | No | 18.12292 | 3.65 | 9.67894 |
| 35532 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.47408 | No | 17.92272 | 3.65 | 9.47408 |
| 35533 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.48162 | No | 18.02282 | 3.65 | 9.48162 |
| 35534 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.48915 | No | 18.12292 | 3.65 | 9.48915 |
| 35535 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.28584 | No | 17.92272 | 3.65 | 9.28584 |
| 35536 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.2926 | No | 18.02282 | 3.65 | 9.2926 |
| 35537 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.29937 | No | 18.12292 | 3.65 | 9.29937 |
| 35538 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.0976 | No | 17.92272 | 3.65 | 9.0976 |
| 35539 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.10359 | No | 18.02282 | 3.65 | 9.10359 |
| 35540 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.10958 | No | 18.12292 | 3.65 | 9.10958 |
| 35541 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.90937 | No | 17.92272 | 3.65 | 8.90937 |
| 35542 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.91458 | No | 18.02282 | 3.65 | 8.91458 |
| 35543 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.91979 | No | 18.12292 | 3.65 | 8.91979 |
| 35544 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.72556 | No | 18.02282 | 3.65 | 8.72556 |
| 35545 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.83239 | No | 17.72272 | 3.65 | 9.83239 |
| 35546 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.84147 | No | 17.82272 | 3.65 | 9.84147 |
| 35547 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.6457 | No | 17.72272 | 3.65 | 9.6457 |
| 35548 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.65401 | No | 17.82272 | 3.65 | 9.65401 |
| 35549 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.45902 | No | 17.72272 | 3.65 | 9.45902 |
| 35550 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.46655 | No | 17.82272 | 3.65 | 9.46655 |
| 35551 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.27233 | No | 17.72272 | 3.65 | 9.27233 |
| 35552 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.27909 | No | 17.82272 | 3.65 | 9.27909 |
| 35553 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.08565 | No | 17.72272 | 3.65 | 9.08565 |
| 35554 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.09163 | No | 17.82272 | 3.65 | 9.09163 |
| 35555 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.89896 | No | 17.72272 | 3.65 | 8.89896 |
| 35556 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.90416 | No | 17.82272 | 3.65 | 8.90416 |
| 35557 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.7167 | No | 17.82272 | 3.65 | 8.7167 |
| 35558 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.5502 | No | 14.92272 | 3.65 | 9.5502 |
| 35559 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.55919 | No | 15.02282 | 3.65 | 9.55919 |
| 35560 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.35736 | No | 14.92272 | 3.65 | 9.35736 |
| 35561 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.36547 | No | 15.02282 | 3.65 | 9.36547 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35562 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.37358 | No | 15.12292 | 3.65 | 9.37358 |
| 35563 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.16451 | No | 14.92272 | 3.65 | 9.16451 |
| 35564 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.17175 | No | 15.02282 | 3.65 | 9.17175 |
| 35565 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.17899 | No | 15.12292 | 3.65 | 9.17899 |
| 35566 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.97167 | No | 14.92272 | 3.65 | 8.97167 |
| 35567 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.97803 | No | 15.02282 | 3.65 | 8.97803 |
| 35568 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.98439 | No | 15.12292 | 3.65 | 8.98439 |
| 35569 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.77883 | No | 14.92272 | 3.65 | 8.77883 |
| 35570 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.78431 | No | 15.02282 | 3.65 | 8.78431 |
| 35571 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.78979 | No | 15.12292 | 3.65 | 8.78979 |
| 35572 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.59059 | No | 15.02282 | 3.65 | 8.59059 |
| 35573 | GLOBAL | Cartesian | 26.92272 | 3.65 | 8.79254 | No | 26.92272 | 3.65 | 8.79254 |
| 35574 | GLOBAL | Cartesian | 27.12268 | 3.65 | 8.7955 | No | 27.12268 | 3.65 | 8.7955 |
| 35575 | GLOBAL | Cartesian | 26.92272 | 3.65 | 8.61489 | No | 26.92272 | 3.65 | 8.61489 |
| 35576 | GLOBAL | Cartesian | 27.12268 | 3.65 | 8.61749 | No | 27.12268 | 3.65 | 8.61749 |
| 35577 | GLOBAL | Cartesian | 26.92272 | 3.65 | 8.43723 | No | 26.92272 | 3.65 | 8.43723 |
| 35578 | GLOBAL | Cartesian | 27.12269 | 3.65 | 8.43948 | No | 27.12269 | 3.65 | 8.43948 |
| 35579 | GLOBAL | Cartesian | 26.72272 | 3.65 | 8.78916 | No | 26.72272 | 3.65 | 8.78916 |
| 35580 | GLOBAL | Cartesian | 26.82272 | 3.65 | 8.79085 | No | 26.82272 | 3.65 | 8.79085 |
| 35581 | GLOBAL | Cartesian | 26.72272 | 3.65 | 8.61144 | No | 26.72272 | 3.65 | 8.61144 |
| 35582 | GLOBAL | Cartesian | 26.82272 | 3.65 | 8.61316 | No | 26.82272 | 3.65 | 8.61316 |
| 35583 | GLOBAL | Cartesian | 26.72272 | 3.65 | 8.43371 | No | 26.72272 | 3.65 | 8.43371 |
| 35584 | GLOBAL | Cartesian | 26.82272 | 3.65 | 8.43547 | No | 26.82272 | 3.65 | 8.43547 |
| 35585 | GLOBAL | Cartesian | 26.82272 | 3.65 | 8.25778 | No | 26.82272 | 3.65 | 8.25778 |
| 35586 | GLOBAL | Cartesian | 23.92272 | 3.65 | 8.73689 | No | 23.92272 | 3.65 | 8.73689 |
| 35587 | GLOBAL | Cartesian | 24.02272 | 3.65 | 8.73929 | No | 24.02272 | 3.65 | 8.73929 |
| 35588 | GLOBAL | Cartesian | 24.12272 | 3.65 | 8.74169 | No | 24.12272 | 3.65 | 8.74169 |
| 35589 | GLOBAL | Cartesian | 23.92272 | 3.65 | 8.55922 | No | 23.92272 | 3.65 | 8.55922 |
| 35590 | GLOBAL | Cartesian | 24.02272 | 3.65 | 8.56144 | No | 24.02272 | 3.65 | 8.56144 |
| 35591 | GLOBAL | Cartesian | 24.12272 | 3.65 | 8.56366 | No | 24.12272 | 3.65 | 8.56366 |
| 35592 | GLOBAL | Cartesian | 23.92272 | 3.65 | 8.38156 | No | 23.92272 | 3.65 | 8.38156 |
| 35593 | GLOBAL | Cartesian | 24.02272 | 3.65 | 8.3836 | No | 24.02272 | 3.65 | 8.3836 |
| 35594 | GLOBAL | Cartesian | 24.12272 | 3.65 | 8.38564 | No | 24.12272 | 3.65 | 8.38564 |
| 35595 | GLOBAL | Cartesian | 24.02272 | 3.65 | 8.20575 | No | 24.02272 | 3.65 | 8.20575 |
| 35596 | GLOBAL | Cartesian | 23.72163 | 3.65 | 8.73163 | No | 23.72163 | 3.65 | 8.73163 |
| 35597 | GLOBAL | Cartesian | 23.82217 | 3.65 | 8.73426 | No | 23.82217 | 3.65 | 8.73426 |
| 35598 | GLOBAL | Cartesian | 23.72163 | 3.65 | 8.5539 | No | 23.72163 | 3.65 | 8.5539 |
| 35599 | GLOBAL | Cartesian | 23.82217 | 3.65 | 8.55656 | No | 23.82217 | 3.65 | 8.55656 |
| 35600 | GLOBAL | Cartesian | 23.72163 | 3.65 | 8.37616 | No | 23.72163 | 3.65 | 8.37616 |
| 35601 | GLOBAL | Cartesian | 23.82217 | 3.65 | 8.37886 | No | 23.82217 | 3.65 | 8.37886 |
| 35602 | GLOBAL | Cartesian | 23.82217 | 3.65 | 8.20116 | No | 23.82217 | 3.65 | 8.20116 |
| 35603 | GLOBAL | Cartesian | 20.92272 | 3.65 | 8.65385 | No | 20.92272 | 3.65 | 8.65385 |
| 35604 | GLOBAL | Cartesian | 21.02273 | 3.65 | 8.65717 | No | 21.02273 | 3.65 | 8.65717 |
| 35605 | GLOBAL | Cartesian | 21.12274 | 3.65 | 8.66049 | No | 21.12274 | 3.65 | 8.66049 |
| 35606 | GLOBAL | Cartesian | 20.92272 | 3.65 | 8.47616 | No | 20.92272 | 3.65 | 8.47616 |
| 35607 | GLOBAL | Cartesian | 21.02276 | 3.65 | 8.4793 | No | 21.02276 | 3.65 | 8.4793 |
| 35608 | GLOBAL | Cartesian | 21.1228 | 3.65 | 8.48244 | No | 21.1228 | 3.65 | 8.48244 |
| 35609 | GLOBAL | Cartesian | 20.92272 | 3.65 | 8.29847 | No | 20.92272 | 3.65 | 8.29847 |
| 35610 | GLOBAL | Cartesian | 21.02279 | 3.65 | 8.30143 | No | 21.02279 | 3.65 | 8.30143 |
| 35611 | GLOBAL | Cartesian | 21.12287 | 3.65 | 8.30439 | No | 21.12287 | 3.65 | 8.30439 |
| 35612 | GLOBAL | Cartesian | 21.02282 | 3.65 | 8.12356 | No | 21.02282 | 3.65 | 8.12356 |
| 35613 | GLOBAL | Cartesian | 20.72238 | 3.65 | 8.64676 | No | 20.72238 | 3.65 | 8.64676 |
| 35614 | GLOBAL | Cartesian | 20.82255 | 3.65 | 8.6503 | No | 20.82255 | 3.65 | 8.6503 |
| 35615 | GLOBAL | Cartesian | 20.72238 | 3.65 | 8.469 | No | 20.72238 | 3.65 | 8.469 |
| 35616 | GLOBAL | Cartesian | 20.82255 | 3.65 | 8.47258 | No | 20.82255 | 3.65 | 8.47258 |
| 35617 | GLOBAL | Cartesian | 20.72238 | 3.65 | 8.29124 | No | 20.72238 | 3.65 | 8.29124 |
| 35618 | GLOBAL | Cartesian | 20.82255 | 3.65 | 8.29485 | No | 20.82255 | 3.65 | 8.29485 |
| 35619 | GLOBAL | Cartesian | 20.82255 | 3.65 | 8.11713 | No | 20.82255 | 3.65 | 8.11713 |
| 35620 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.53447 | No | 17.72272 | 3.65 | 8.53447 |
| 35621 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.53894 | No | 17.82272 | 3.65 | 8.53894 |
| 35622 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.5434 | No | 17.92272 | 3.65 | 8.5434 |
| 35623 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.35667 | No | 17.72272 | 3.65 | 8.35667 |
| 35624 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.36117 | No | 17.82272 | 3.65 | 8.36117 |
| 35625 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.36567 | No | 17.92272 | 3.65 | 8.36567 |
| 35626 | GLOBAL | Cartesian | 17.72272 | 3.65 | 8.17887 | No | 17.72272 | 3.65 | 8.17887 |
| 35627 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.18341 | No | 17.82272 | 3.65 | 8.18341 |
| 35628 | GLOBAL | Cartesian | 17.92272 | 3.65 | 8.18795 | No | 17.92272 | 3.65 | 8.18795 |
| 35629 | GLOBAL | Cartesian | 17.82272 | 3.65 | 8.00564 | No | 17.82272 | 3.65 | 8.00564 |
| 35630 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.54765 | No | 18.02282 | 3.65 | 8.54765 |
| 35631 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.5519 | No | 18.12292 | 3.65 | 8.5519 |
| 35632 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.36974 | No | 18.02282 | 3.65 | 8.36974 |
| 35633 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.3738 | No | 18.12292 | 3.65 | 8.3738 |
| 35634 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.19182 | No | 18.02282 | 3.65 | 8.19182 |
| 35635 | GLOBAL | Cartesian | 18.12292 | 3.65 | 8.1957 | No | 18.12292 | 3.65 | 8.1957 |
| 35636 | GLOBAL | Cartesian | 18.02282 | 3.65 | 8.01391 | No | 18.02282 | 3.65 | 8.01391 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35637 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.40753 | No | 14.92272 | 3.65 | 8.40753 |
| 35638 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.41214 | No | 15.02282 | 3.65 | 8.41214 |
| 35639 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.41675 | No | 15.12292 | 3.65 | 8.41675 |
| 35640 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.22908 | No | 14.92272 | 3.65 | 8.22908 |
| 35641 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.23369 | No | 15.02282 | 3.65 | 8.23369 |
| 35642 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.2383 | No | 15.12292 | 3.65 | 8.2383 |
| 35643 | GLOBAL | Cartesian | 14.92272 | 3.65 | 8.05063 | No | 14.92272 | 3.65 | 8.05063 |
| 35644 | GLOBAL | Cartesian | 15.02282 | 3.65 | 8.05524 | No | 15.02282 | 3.65 | 8.05524 |
| 35645 | GLOBAL | Cartesian | 15.12292 | 3.65 | 8.05985 | No | 15.12292 | 3.65 | 8.05985 |
| 35646 | GLOBAL | Cartesian | 15.02282 | 3.65 | 7.87679 | No | 15.02282 | 3.65 | 7.87679 |
| 35647 | GLOBAL | Cartesian | 29.56822 | 3.65 | 8.99775 | No | 29.56822 | 3.65 | 8.99775 |
| 35648 | GLOBAL | Cartesian | 29.56822 | 3.65 | 8.81947 | No | 29.56822 | 3.65 | 8.81947 |
| 35649 | GLOBAL | Cartesian | 29.56822 | 3.65 | 8.64119 | No | 29.56822 | 3.65 | 8.64119 |
| 35650 | GLOBAL | Cartesian | 29.56822 | 3.65 | 8.46292 | No | 29.56822 | 3.65 | 8.46292 |
| 35651 | GLOBAL | Cartesian | 29.56822 | 3.65 | 8.28464 | No | 29.56822 | 3.65 | 8.28464 |
| 35652 | GLOBAL | Cartesian | 29.41372 | 3.65 | 8.99628 | No | 29.41372 | 3.65 | 8.99628 |
| 35653 | GLOBAL | Cartesian | 29.41372 | 3.65 | 8.81801 | No | 29.41372 | 3.65 | 8.81801 |
| 35654 | GLOBAL | Cartesian | 29.41372 | 3.65 | 8.63973 | No | 29.41372 | 3.65 | 8.63973 |
| 35655 | GLOBAL | Cartesian | 29.41372 | 3.65 | 8.46145 | No | 29.41372 | 3.65 | 8.46145 |
| 35656 | GLOBAL | Cartesian | 29.41372 | 3.65 | 8.28317 | No | 29.41372 | 3.65 | 8.28317 |
| 35657 | GLOBAL | Cartesian | 29.25922 | 3.65 | 8.99482 | No | 29.25922 | 3.65 | 8.99482 |
| 35658 | GLOBAL | Cartesian | 29.25922 | 3.65 | 8.81654 | No | 29.25922 | 3.65 | 8.81654 |
| 35659 | GLOBAL | Cartesian | 29.25922 | 3.65 | 8.63827 | No | 29.25922 | 3.65 | 8.63827 |
| 35660 | GLOBAL | Cartesian | 29.25922 | 3.65 | 8.45999 | No | 29.25922 | 3.65 | 8.45999 |
| 35661 | GLOBAL | Cartesian | 29.25922 | 3.65 | 8.28171 | No | 29.25922 | 3.65 | 8.28171 |
| 35662 | GLOBAL | Cartesian | 29.10472 | 3.65 | 8.81508 | No | 29.10472 | 3.65 | 8.81508 |
| 35663 | GLOBAL | Cartesian | 29.10472 | 3.65 | 8.6368 | No | 29.10472 | 3.65 | 8.6368 |
| 35664 | GLOBAL | Cartesian | 29.10472 | 3.65 | 8.45853 | No | 29.10472 | 3.65 | 8.45853 |
| 35665 | GLOBAL | Cartesian | 28.90651 | 3.65 | 8.99137 | No | 28.90651 | 3.65 | 8.99137 |
| 35666 | GLOBAL | Cartesian | 28.90651 | 3.65 | 8.81312 | No | 28.90651 | 3.65 | 8.81312 |
| 35667 | GLOBAL | Cartesian | 28.90651 | 3.65 | 8.63487 | No | 28.90651 | 3.65 | 8.63487 |
| 35668 | GLOBAL | Cartesian | 28.90651 | 3.65 | 8.45662 | No | 28.90651 | 3.65 | 8.45662 |
| 35669 | GLOBAL | Cartesian | 28.90651 | 3.65 | 8.27837 | No | 28.90651 | 3.65 | 8.27837 |
| 35670 | GLOBAL | Cartesian | 28.70831 | 3.65 | 8.98939 | No | 28.70831 | 3.65 | 8.98939 |
| 35671 | GLOBAL | Cartesian | 28.70831 | 3.65 | 8.81116 | No | 28.70831 | 3.65 | 8.81116 |
| 35672 | GLOBAL | Cartesian | 28.70831 | 3.65 | 8.63294 | No | 28.70831 | 3.65 | 8.63294 |
| 35673 | GLOBAL | Cartesian | 28.70831 | 3.65 | 8.45472 | No | 28.70831 | 3.65 | 8.45472 |
| 35674 | GLOBAL | Cartesian | 28.70831 | 3.65 | 8.27649 | No | 28.70831 | 3.65 | 8.27649 |
| 35675 | GLOBAL | Cartesian | 28.5101 | 3.65 | 8.9874 | No | 28.5101 | 3.65 | 8.9874 |
| 35676 | GLOBAL | Cartesian | 28.5101 | 3.65 | 8.80921 | No | 28.5101 | 3.65 | 8.80921 |
| 35677 | GLOBAL | Cartesian | 28.51011 | 3.65 | 8.63101 | No | 28.51011 | 3.65 | 8.63101 |
| 35678 | GLOBAL | Cartesian | 28.51011 | 3.65 | 8.45281 | No | 28.51011 | 3.65 | 8.45281 |
| 35679 | GLOBAL | Cartesian | 28.51011 | 3.65 | 8.27462 | No | 28.51011 | 3.65 | 8.27462 |
| 35680 | GLOBAL | Cartesian | 28.3119 | 3.65 | 8.98542 | No | 28.3119 | 3.65 | 8.98542 |
| 35681 | GLOBAL | Cartesian | 28.3119 | 3.65 | 8.80725 | No | 28.3119 | 3.65 | 8.80725 |
| 35682 | GLOBAL | Cartesian | 28.3119 | 3.65 | 8.62908 | No | 28.3119 | 3.65 | 8.62908 |
| 35683 | GLOBAL | Cartesian | 28.31191 | 3.65 | 8.45091 | No | 28.31191 | 3.65 | 8.45091 |
| 35684 | GLOBAL | Cartesian | 28.31191 | 3.65 | 8.27274 | No | 28.31191 | 3.65 | 8.27274 |
| 35685 | GLOBAL | Cartesian | 28.11369 | 3.65 | 8.98343 | No | 28.11369 | 3.65 | 8.98343 |
| 35686 | GLOBAL | Cartesian | 28.1137 | 3.65 | 8.80529 | No | 28.1137 | 3.65 | 8.80529 |
| 35687 | GLOBAL | Cartesian | 28.1137 | 3.65 | 8.62715 | No | 28.1137 | 3.65 | 8.62715 |
| 35688 | GLOBAL | Cartesian | 28.1137 | 3.65 | 8.449 | No | 28.1137 | 3.65 | 8.449 |
| 35689 | GLOBAL | Cartesian | 28.11371 | 3.65 | 8.27086 | No | 28.11371 | 3.65 | 8.27086 |
| 35690 | GLOBAL | Cartesian | 27.91549 | 3.65 | 8.98145 | No | 27.91549 | 3.65 | 8.98145 |
| 35691 | GLOBAL | Cartesian | 27.91549 | 3.65 | 8.80333 | No | 27.91549 | 3.65 | 8.80333 |
| 35692 | GLOBAL | Cartesian | 27.9155 | 3.65 | 8.62522 | No | 27.9155 | 3.65 | 8.62522 |
| 35693 | GLOBAL | Cartesian | 27.9155 | 3.65 | 8.4471 | No | 27.9155 | 3.65 | 8.4471 |
| 35694 | GLOBAL | Cartesian | 27.91551 | 3.65 | 8.26898 | No | 27.91551 | 3.65 | 8.26898 |
| 35695 | GLOBAL | Cartesian | 27.71728 | 3.65 | 8.97946 | No | 27.71728 | 3.65 | 8.97946 |
| 35696 | GLOBAL | Cartesian | 27.71729 | 3.65 | 8.80137 | No | 27.71729 | 3.65 | 8.80137 |
| 35697 | GLOBAL | Cartesian | 27.71729 | 3.65 | 8.62328 | No | 27.71729 | 3.65 | 8.62328 |
| 35698 | GLOBAL | Cartesian | 27.7173 | 3.65 | 8.44519 | No | 27.7173 | 3.65 | 8.44519 |
| 35699 | GLOBAL | Cartesian | 27.71731 | 3.65 | 8.26711 | No | 27.71731 | 3.65 | 8.26711 |
| 35700 | GLOBAL | Cartesian | 27.51908 | 3.65 | 8.97748 | No | 27.51908 | 3.65 | 8.97748 |
| 35701 | GLOBAL | Cartesian | 27.51908 | 3.65 | 8.79942 | No | 27.51908 | 3.65 | 8.79942 |
| 35702 | GLOBAL | Cartesian | 27.51909 | 3.65 | 8.62135 | No | 27.51909 | 3.65 | 8.62135 |
| 35703 | GLOBAL | Cartesian | 27.5191 | 3.65 | 8.44329 | No | 27.5191 | 3.65 | 8.44329 |
| 35704 | GLOBAL | Cartesian | 27.51911 | 3.65 | 8.26523 | No | 27.51911 | 3.65 | 8.26523 |
| 35705 | GLOBAL | Cartesian | 27.32087 | 3.65 | 8.97549 | No | 27.32087 | 3.65 | 8.97549 |
| 35706 | GLOBAL | Cartesian | 27.32088 | 3.65 | 8.79746 | No | 27.32088 | 3.65 | 8.79746 |
| 35707 | GLOBAL | Cartesian | 27.32089 | 3.65 | 8.61942 | No | 27.32089 | 3.65 | 8.61942 |
| 35708 | GLOBAL | Cartesian | 27.3209 | 3.65 | 8.44139 | No | 27.3209 | 3.65 | 8.44139 |
| 35709 | GLOBAL | Cartesian | 27.3209 | 3.65 | 8.26335 | No | 27.3209 | 3.65 | 8.26335 |
| 35710 | GLOBAL | Cartesian | 26.55071 | 3.65 | 8.96404 | No | 26.55071 | 3.65 | 8.96404 |
| 35711 | GLOBAL | Cartesian | 26.55071 | 3.65 | 8.78622 | No | 26.55071 | 3.65 | 8.78622 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35712 | GLOBAL | Cartesian | 26.55071 | 3.65 | 8.60841 | No | 26.55071 | 3.65 | 8.60841 |
| 35713 | GLOBAL | Cartesian | 26.55071 | 3.65 | 8.4306 | No | 26.55071 | 3.65 | 8.4306 |
| 35714 | GLOBAL | Cartesian | 26.55071 | 3.65 | 8.25279 | No | 26.55071 | 3.65 | 8.25279 |
| 35715 | GLOBAL | Cartesian | 26.3787 | 3.65 | 8.96119 | No | 26.3787 | 3.65 | 8.96119 |
| 35716 | GLOBAL | Cartesian | 26.3787 | 3.65 | 8.78329 | No | 26.3787 | 3.65 | 8.78329 |
| 35717 | GLOBAL | Cartesian | 26.3787 | 3.65 | 8.60539 | No | 26.3787 | 3.65 | 8.60539 |
| 35718 | GLOBAL | Cartesian | 26.3787 | 3.65 | 8.42749 | No | 26.3787 | 3.65 | 8.42749 |
| 35719 | GLOBAL | Cartesian | 26.3787 | 3.65 | 8.24959 | No | 26.3787 | 3.65 | 8.24959 |
| 35720 | GLOBAL | Cartesian | 26.20669 | 3.65 | 8.95834 | No | 26.20669 | 3.65 | 8.95834 |
| 35721 | GLOBAL | Cartesian | 26.20669 | 3.65 | 8.78035 | No | 26.20669 | 3.65 | 8.78035 |
| 35722 | GLOBAL | Cartesian | 26.20669 | 3.65 | 8.60236 | No | 26.20669 | 3.65 | 8.60236 |
| 35723 | GLOBAL | Cartesian | 26.20669 | 3.65 | 8.42438 | No | 26.20669 | 3.65 | 8.42438 |
| 35724 | GLOBAL | Cartesian | 26.20669 | 3.65 | 8.24639 | No | 26.20669 | 3.65 | 8.24639 |
| 35725 | GLOBAL | Cartesian | 26.03468 | 3.65 | 8.77741 | No | 26.03468 | 3.65 | 8.77741 |
| 35726 | GLOBAL | Cartesian | 26.03468 | 3.65 | 8.59934 | No | 26.03468 | 3.65 | 8.59934 |
| 35727 | GLOBAL | Cartesian | 26.03468 | 3.65 | 8.42126 | No | 26.03468 | 3.65 | 8.42126 |
| 35728 | GLOBAL | Cartesian | 25.84348 | 3.65 | 8.95191 | No | 25.84348 | 3.65 | 8.95191 |
| 35729 | GLOBAL | Cartesian | 25.84348 | 3.65 | 8.77384 | No | 25.84348 | 3.65 | 8.77384 |
| 35730 | GLOBAL | Cartesian | 25.84348 | 3.65 | 8.59577 | No | 25.84348 | 3.65 | 8.59577 |
| 35731 | GLOBAL | Cartesian | 25.84348 | 3.65 | 8.4177 | No | 25.84348 | 3.65 | 8.4177 |
| 35732 | GLOBAL | Cartesian | 25.84348 | 3.65 | 8.23963 | No | 25.84348 | 3.65 | 8.23963 |
| 35733 | GLOBAL | Cartesian | 25.65229 | 3.65 | 8.94833 | No | 25.65229 | 3.65 | 8.94833 |
| 35734 | GLOBAL | Cartesian | 25.65229 | 3.65 | 8.77027 | No | 25.65229 | 3.65 | 8.77027 |
| 35735 | GLOBAL | Cartesian | 25.65229 | 3.65 | 8.5922 | No | 25.65229 | 3.65 | 8.5922 |
| 35736 | GLOBAL | Cartesian | 25.65229 | 3.65 | 8.41414 | No | 25.65229 | 3.65 | 8.41414 |
| 35737 | GLOBAL | Cartesian | 25.65229 | 3.65 | 8.23607 | No | 25.65229 | 3.65 | 8.23607 |
| 35738 | GLOBAL | Cartesian | 25.46109 | 3.65 | 8.94476 | No | 25.46109 | 3.65 | 8.94476 |
| 35739 | GLOBAL | Cartesian | 25.46109 | 3.65 | 8.7667 | No | 25.46109 | 3.65 | 8.7667 |
| 35740 | GLOBAL | Cartesian | 25.46109 | 3.65 | 8.58864 | No | 25.46109 | 3.65 | 8.58864 |
| 35741 | GLOBAL | Cartesian | 25.46109 | 3.65 | 8.41058 | No | 25.46109 | 3.65 | 8.41058 |
| 35742 | GLOBAL | Cartesian | 25.46109 | 3.65 | 8.23252 | No | 25.46109 | 3.65 | 8.23252 |
| 35743 | GLOBAL | Cartesian | 25.2699 | 3.65 | 8.94118 | No | 25.2699 | 3.65 | 8.94118 |
| 35744 | GLOBAL | Cartesian | 25.2699 | 3.65 | 8.76312 | No | 25.2699 | 3.65 | 8.76312 |
| 35745 | GLOBAL | Cartesian | 25.2699 | 3.65 | 8.58507 | No | 25.2699 | 3.65 | 8.58507 |
| 35746 | GLOBAL | Cartesian | 25.2699 | 3.65 | 8.40701 | No | 25.2699 | 3.65 | 8.40701 |
| 35747 | GLOBAL | Cartesian | 25.2699 | 3.65 | 8.22896 | No | 25.2699 | 3.65 | 8.22896 |
| 35748 | GLOBAL | Cartesian | 25.0787 | 3.65 | 8.9376 | No | 25.0787 | 3.65 | 8.9376 |
| 35749 | GLOBAL | Cartesian | 25.0787 | 3.65 | 8.75955 | No | 25.0787 | 3.65 | 8.75955 |
| 35750 | GLOBAL | Cartesian | 25.0787 | 3.65 | 8.5815 | No | 25.0787 | 3.65 | 8.5815 |
| 35751 | GLOBAL | Cartesian | 25.0787 | 3.65 | 8.40345 | No | 25.0787 | 3.65 | 8.40345 |
| 35752 | GLOBAL | Cartesian | 25.0787 | 3.65 | 8.2254 | No | 25.0787 | 3.65 | 8.2254 |
| 35753 | GLOBAL | Cartesian | 24.8875 | 3.65 | 8.93402 | No | 24.8875 | 3.65 | 8.93402 |
| 35754 | GLOBAL | Cartesian | 24.8875 | 3.65 | 8.75598 | No | 24.8875 | 3.65 | 8.75598 |
| 35755 | GLOBAL | Cartesian | 24.8875 | 3.65 | 8.57793 | No | 24.8875 | 3.65 | 8.57793 |
| 35756 | GLOBAL | Cartesian | 24.8875 | 3.65 | 8.39989 | No | 24.8875 | 3.65 | 8.39989 |
| 35757 | GLOBAL | Cartesian | 24.8875 | 3.65 | 8.22184 | No | 24.8875 | 3.65 | 8.22184 |
| 35758 | GLOBAL | Cartesian | 24.69631 | 3.65 | 8.93045 | No | 24.69631 | 3.65 | 8.93045 |
| 35759 | GLOBAL | Cartesian | 24.69631 | 3.65 | 8.75241 | No | 24.69631 | 3.65 | 8.75241 |
| 35760 | GLOBAL | Cartesian | 24.69631 | 3.65 | 8.57437 | No | 24.69631 | 3.65 | 8.57437 |
| 35761 | GLOBAL | Cartesian | 24.69631 | 3.65 | 8.39633 | No | 24.69631 | 3.65 | 8.39633 |
| 35762 | GLOBAL | Cartesian | 24.69631 | 3.65 | 8.21829 | No | 24.69631 | 3.65 | 8.21829 |
| 35763 | GLOBAL | Cartesian | 24.50511 | 3.65 | 8.92687 | No | 24.50511 | 3.65 | 8.92687 |
| 35764 | GLOBAL | Cartesian | 24.50511 | 3.65 | 8.74883 | No | 24.50511 | 3.65 | 8.74883 |
| 35765 | GLOBAL | Cartesian | 24.50511 | 3.65 | 8.5708 | No | 24.50511 | 3.65 | 8.5708 |
| 35766 | GLOBAL | Cartesian | 24.50511 | 3.65 | 8.39276 | No | 24.50511 | 3.65 | 8.39276 |
| 35767 | GLOBAL | Cartesian | 24.50511 | 3.65 | 8.21473 | No | 24.50511 | 3.65 | 8.21473 |
| 35768 | GLOBAL | Cartesian | 24.31392 | 3.65 | 8.92329 | No | 24.31392 | 3.65 | 8.92329 |
| 35769 | GLOBAL | Cartesian | 24.31392 | 3.65 | 8.74526 | No | 24.31392 | 3.65 | 8.74526 |
| 35770 | GLOBAL | Cartesian | 24.31392 | 3.65 | 8.56723 | No | 24.31392 | 3.65 | 8.56723 |
| 35771 | GLOBAL | Cartesian | 24.31392 | 3.65 | 8.3892 | No | 24.31392 | 3.65 | 8.3892 |
| 35772 | GLOBAL | Cartesian | 24.31392 | 3.65 | 8.21117 | No | 24.31392 | 3.65 | 8.21117 |
| 35773 | GLOBAL | Cartesian | 23.53051 | 3.65 | 8.90443 | No | 23.53051 | 3.65 | 8.90443 |
| 35774 | GLOBAL | Cartesian | 23.53051 | 3.65 | 8.72661 | No | 23.53051 | 3.65 | 8.72661 |
| 35775 | GLOBAL | Cartesian | 23.53051 | 3.65 | 8.54878 | No | 23.53051 | 3.65 | 8.54878 |
| 35776 | GLOBAL | Cartesian | 23.53051 | 3.65 | 8.37095 | No | 23.53051 | 3.65 | 8.37095 |
| 35777 | GLOBAL | Cartesian | 23.53051 | 3.65 | 8.19313 | No | 23.53051 | 3.65 | 8.19313 |
| 35778 | GLOBAL | Cartesian | 23.33939 | 3.65 | 8.8995 | No | 23.33939 | 3.65 | 8.8995 |
| 35779 | GLOBAL | Cartesian | 23.33939 | 3.65 | 8.72158 | No | 23.33939 | 3.65 | 8.72158 |
| 35780 | GLOBAL | Cartesian | 23.33939 | 3.65 | 8.54366 | No | 23.33939 | 3.65 | 8.54366 |
| 35781 | GLOBAL | Cartesian | 23.33939 | 3.65 | 8.36574 | No | 23.33939 | 3.65 | 8.36574 |
| 35782 | GLOBAL | Cartesian | 23.33939 | 3.65 | 8.18782 | No | 23.33939 | 3.65 | 8.18782 |
| 35783 | GLOBAL | Cartesian | 23.14827 | 3.65 | 8.89457 | No | 23.14827 | 3.65 | 8.89457 |
| 35784 | GLOBAL | Cartesian | 23.14827 | 3.65 | 8.71656 | No | 23.14827 | 3.65 | 8.71656 |
| 35785 | GLOBAL | Cartesian | 23.14827 | 3.65 | 8.53855 | No | 23.14827 | 3.65 | 8.53855 |
| 35786 | GLOBAL | Cartesian | 23.14827 | 3.65 | 8.36053 | No | 23.14827 | 3.65 | 8.36053 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35787 | GLOBAL | Cartesian | 23.14827 | 3.65 | 8.18252 | No | 23.14827 | 3.65 | 8.18252 |
| 35788 | GLOBAL | Cartesian | 22.95715 | 3.65 | 8.71154 | No | 22.95715 | 3.65 | 8.71154 |
| 35789 | GLOBAL | Cartesian | 22.95715 | 3.65 | 8.53343 | No | 22.95715 | 3.65 | 8.53343 |
| 35790 | GLOBAL | Cartesian | 22.95715 | 3.65 | 8.35533 | No | 22.95715 | 3.65 | 8.35533 |
| 35791 | GLOBAL | Cartesian | 22.77371 | 3.65 | 8.88453 | No | 22.77371 | 3.65 | 8.88453 |
| 35792 | GLOBAL | Cartesian | 22.77371 | 3.65 | 8.70643 | No | 22.77371 | 3.65 | 8.70643 |
| 35793 | GLOBAL | Cartesian | 22.77372 | 3.65 | 8.52833 | No | 22.77372 | 3.65 | 8.52833 |
| 35794 | GLOBAL | Cartesian | 22.77373 | 3.65 | 8.35023 | No | 22.77373 | 3.65 | 8.35023 |
| 35795 | GLOBAL | Cartesian | 22.77373 | 3.65 | 8.17213 | No | 22.77373 | 3.65 | 8.17213 |
| 35796 | GLOBAL | Cartesian | 22.59026 | 3.65 | 8.87942 | No | 22.59026 | 3.65 | 8.87942 |
| 35797 | GLOBAL | Cartesian | 22.59027 | 3.65 | 8.70133 | No | 22.59027 | 3.65 | 8.70133 |
| 35798 | GLOBAL | Cartesian | 22.59028 | 3.65 | 8.52323 | No | 22.59028 | 3.65 | 8.52323 |
| 35799 | GLOBAL | Cartesian | 22.5903 | 3.65 | 8.34514 | No | 22.5903 | 3.65 | 8.34514 |
| 35800 | GLOBAL | Cartesian | 22.59031 | 3.65 | 8.16704 | No | 22.59031 | 3.65 | 8.16704 |
| 35801 | GLOBAL | Cartesian | 22.40681 | 3.65 | 8.87431 | No | 22.40681 | 3.65 | 8.87431 |
| 35802 | GLOBAL | Cartesian | 22.40683 | 3.65 | 8.69622 | No | 22.40683 | 3.65 | 8.69622 |
| 35803 | GLOBAL | Cartesian | 22.40685 | 3.65 | 8.51813 | No | 22.40685 | 3.65 | 8.51813 |
| 35804 | GLOBAL | Cartesian | 22.40687 | 3.65 | 8.34004 | No | 22.40687 | 3.65 | 8.34004 |
| 35805 | GLOBAL | Cartesian | 22.40689 | 3.65 | 8.16195 | No | 22.40689 | 3.65 | 8.16195 |
| 35806 | GLOBAL | Cartesian | 22.22337 | 3.65 | 8.8692 | No | 22.22337 | 3.65 | 8.8692 |
| 35807 | GLOBAL | Cartesian | 22.22339 | 3.65 | 8.69112 | No | 22.22339 | 3.65 | 8.69112 |
| 35808 | GLOBAL | Cartesian | 22.22341 | 3.65 | 8.51303 | No | 22.22341 | 3.65 | 8.51303 |
| 35809 | GLOBAL | Cartesian | 22.22344 | 3.65 | 8.33495 | No | 22.22344 | 3.65 | 8.33495 |
| 35810 | GLOBAL | Cartesian | 22.22346 | 3.65 | 8.15687 | No | 22.22346 | 3.65 | 8.15687 |
| 35811 | GLOBAL | Cartesian | 22.03992 | 3.65 | 8.86409 | No | 22.03992 | 3.65 | 8.86409 |
| 35812 | GLOBAL | Cartesian | 22.03995 | 3.65 | 8.68601 | No | 22.03995 | 3.65 | 8.68601 |
| 35813 | GLOBAL | Cartesian | 22.03998 | 3.65 | 8.50793 | No | 22.03998 | 3.65 | 8.50793 |
| 35814 | GLOBAL | Cartesian | 22.04001 | 3.65 | 8.32986 | No | 22.04001 | 3.65 | 8.32986 |
| 35815 | GLOBAL | Cartesian | 22.04004 | 3.65 | 8.15178 | No | 22.04004 | 3.65 | 8.15178 |
| 35816 | GLOBAL | Cartesian | 21.85647 | 3.65 | 8.85898 | No | 21.85647 | 3.65 | 8.85898 |
| 35817 | GLOBAL | Cartesian | 21.85651 | 3.65 | 8.68091 | No | 21.85651 | 3.65 | 8.68091 |
| 35818 | GLOBAL | Cartesian | 21.85654 | 3.65 | 8.50284 | No | 21.85654 | 3.65 | 8.50284 |
| 35819 | GLOBAL | Cartesian | 21.85658 | 3.65 | 8.32476 | No | 21.85658 | 3.65 | 8.32476 |
| 35820 | GLOBAL | Cartesian | 21.85662 | 3.65 | 8.14669 | No | 21.85662 | 3.65 | 8.14669 |
| 35821 | GLOBAL | Cartesian | 21.67302 | 3.65 | 8.85387 | No | 21.67302 | 3.65 | 8.85387 |
| 35822 | GLOBAL | Cartesian | 21.67307 | 3.65 | 8.6758 | No | 21.67307 | 3.65 | 8.6758 |
| 35823 | GLOBAL | Cartesian | 21.67311 | 3.65 | 8.49774 | No | 21.67311 | 3.65 | 8.49774 |
| 35824 | GLOBAL | Cartesian | 21.67315 | 3.65 | 8.31967 | No | 21.67315 | 3.65 | 8.31967 |
| 35825 | GLOBAL | Cartesian | 21.6732 | 3.65 | 8.1416 | No | 21.6732 | 3.65 | 8.1416 |
| 35826 | GLOBAL | Cartesian | 21.48958 | 3.65 | 8.84876 | No | 21.48958 | 3.65 | 8.84876 |
| 35827 | GLOBAL | Cartesian | 21.48963 | 3.65 | 8.6707 | No | 21.48963 | 3.65 | 8.6707 |
| 35828 | GLOBAL | Cartesian | 21.48967 | 3.65 | 8.49264 | No | 21.48967 | 3.65 | 8.49264 |
| 35829 | GLOBAL | Cartesian | 21.48972 | 3.65 | 8.31457 | No | 21.48972 | 3.65 | 8.31457 |
| 35830 | GLOBAL | Cartesian | 21.48977 | 3.65 | 8.13651 | No | 21.48977 | 3.65 | 8.13651 |
| 35831 | GLOBAL | Cartesian | 21.30613 | 3.65 | 8.84365 | No | 21.30613 | 3.65 | 8.84365 |
| 35832 | GLOBAL | Cartesian | 21.30618 | 3.65 | 8.6656 | No | 21.30618 | 3.65 | 8.6656 |
| 35833 | GLOBAL | Cartesian | 21.30624 | 3.65 | 8.48754 | No | 21.30624 | 3.65 | 8.48754 |
| 35834 | GLOBAL | Cartesian | 21.30629 | 3.65 | 8.30948 | No | 21.30629 | 3.65 | 8.30948 |
| 35835 | GLOBAL | Cartesian | 21.30635 | 3.65 | 8.13142 | No | 21.30635 | 3.65 | 8.13142 |
| 35836 | GLOBAL | Cartesian | 20.55378 | 3.65 | 8.81861 | No | 20.55378 | 3.65 | 8.81861 |
| 35837 | GLOBAL | Cartesian | 20.55378 | 3.65 | 8.64078 | No | 20.55378 | 3.65 | 8.64078 |
| 35838 | GLOBAL | Cartesian | 20.55378 | 3.65 | 8.46294 | No | 20.55378 | 3.65 | 8.46294 |
| 35839 | GLOBAL | Cartesian | 20.55378 | 3.65 | 8.2851 | No | 20.55378 | 3.65 | 8.2851 |
| 35840 | GLOBAL | Cartesian | 20.55378 | 3.65 | 8.10726 | No | 20.55378 | 3.65 | 8.10726 |
| 35841 | GLOBAL | Cartesian | 20.38518 | 3.65 | 8.81271 | No | 20.38518 | 3.65 | 8.81271 |
| 35842 | GLOBAL | Cartesian | 20.38518 | 3.65 | 8.63479 | No | 20.38518 | 3.65 | 8.63479 |
| 35843 | GLOBAL | Cartesian | 20.38518 | 3.65 | 8.45687 | No | 20.38518 | 3.65 | 8.45687 |
| 35844 | GLOBAL | Cartesian | 20.38518 | 3.65 | 8.27896 | No | 20.38518 | 3.65 | 8.27896 |
| 35845 | GLOBAL | Cartesian | 20.38518 | 3.65 | 8.10104 | No | 20.38518 | 3.65 | 8.10104 |
| 35846 | GLOBAL | Cartesian | 20.21658 | 3.65 | 8.8068 | No | 20.21658 | 3.65 | 8.8068 |
| 35847 | GLOBAL | Cartesian | 20.21658 | 3.65 | 8.62881 | No | 20.21658 | 3.65 | 8.62881 |
| 35848 | GLOBAL | Cartesian | 20.21658 | 3.65 | 8.45081 | No | 20.21658 | 3.65 | 8.45081 |
| 35849 | GLOBAL | Cartesian | 20.21658 | 3.65 | 8.27282 | No | 20.21658 | 3.65 | 8.27282 |
| 35850 | GLOBAL | Cartesian | 20.21658 | 3.65 | 8.09482 | No | 20.21658 | 3.65 | 8.09482 |
| 35851 | GLOBAL | Cartesian | 20.04798 | 3.65 | 8.80089 | No | 20.04798 | 3.65 | 8.80089 |
| 35852 | GLOBAL | Cartesian | 20.04798 | 3.65 | 8.62282 | No | 20.04798 | 3.65 | 8.62282 |
| 35853 | GLOBAL | Cartesian | 20.04798 | 3.65 | 8.44475 | No | 20.04798 | 3.65 | 8.44475 |
| 35854 | GLOBAL | Cartesian | 20.04798 | 3.65 | 8.26668 | No | 20.04798 | 3.65 | 8.26668 |
| 35855 | GLOBAL | Cartesian | 20.04798 | 3.65 | 8.08861 | No | 20.04798 | 3.65 | 8.08861 |
| 35856 | GLOBAL | Cartesian | 19.87938 | 3.65 | 8.61684 | No | 19.87938 | 3.65 | 8.61684 |
| 35857 | GLOBAL | Cartesian | 19.87938 | 3.65 | 8.43869 | No | 19.87938 | 3.65 | 8.43869 |
| 35858 | GLOBAL | Cartesian | 19.87938 | 3.65 | 8.26054 | No | 19.87938 | 3.65 | 8.26054 |
| 35859 | GLOBAL | Cartesian | 19.68422 | 3.65 | 8.78776 | No | 19.68422 | 3.65 | 8.78776 |
| 35860 | GLOBAL | Cartesian | 19.68422 | 3.65 | 8.60962 | No | 19.68422 | 3.65 | 8.60962 |
| 35861 | GLOBAL | Cartesian | 19.68422 | 3.65 | 8.43148 | No | 19.68422 | 3.65 | 8.43148 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35862 | GLOBAL | Cartesian | 19.68422 | 3.65 | 8.25333 | No | 19.68422 | 3.65 | 8.25333 |
| 35863 | GLOBAL | Cartesian | 19.68422 | 3.65 | 8.07519 | No | 19.68422 | 3.65 | 8.07519 |
| 35864 | GLOBAL | Cartesian | 19.48906 | 3.65 | 8.78054 | No | 19.48906 | 3.65 | 8.78054 |
| 35865 | GLOBAL | Cartesian | 19.48906 | 3.65 | 8.60241 | No | 19.48906 | 3.65 | 8.60241 |
| 35866 | GLOBAL | Cartesian | 19.48906 | 3.65 | 8.42427 | No | 19.48906 | 3.65 | 8.42427 |
| 35867 | GLOBAL | Cartesian | 19.48906 | 3.65 | 8.24613 | No | 19.48906 | 3.65 | 8.24613 |
| 35868 | GLOBAL | Cartesian | 19.48906 | 3.65 | 8.06799 | No | 19.48906 | 3.65 | 8.06799 |
| 35869 | GLOBAL | Cartesian | 19.2939 | 3.65 | 8.77332 | No | 19.2939 | 3.65 | 8.77332 |
| 35870 | GLOBAL | Cartesian | 19.2939 | 3.65 | 8.59519 | No | 19.2939 | 3.65 | 8.59519 |
| 35871 | GLOBAL | Cartesian | 19.2939 | 3.65 | 8.41706 | No | 19.2939 | 3.65 | 8.41706 |
| 35872 | GLOBAL | Cartesian | 19.2939 | 3.65 | 8.23892 | No | 19.2939 | 3.65 | 8.23892 |
| 35873 | GLOBAL | Cartesian | 19.2939 | 3.65 | 8.06079 | No | 19.2939 | 3.65 | 8.06079 |
| 35874 | GLOBAL | Cartesian | 19.09873 | 3.65 | 8.7661 | No | 19.09873 | 3.65 | 8.7661 |
| 35875 | GLOBAL | Cartesian | 19.09873 | 3.65 | 8.58797 | No | 19.09873 | 3.65 | 8.58797 |
| 35876 | GLOBAL | Cartesian | 19.09873 | 3.65 | 8.40985 | No | 19.09873 | 3.65 | 8.40985 |
| 35877 | GLOBAL | Cartesian | 19.09873 | 3.65 | 8.23172 | No | 19.09873 | 3.65 | 8.23172 |
| 35878 | GLOBAL | Cartesian | 19.09873 | 3.65 | 8.05359 | No | 19.09873 | 3.65 | 8.05359 |
| 35879 | GLOBAL | Cartesian | 18.90357 | 3.65 | 8.75888 | No | 18.90357 | 3.65 | 8.75888 |
| 35880 | GLOBAL | Cartesian | 18.90357 | 3.65 | 8.58076 | No | 18.90357 | 3.65 | 8.58076 |
| 35881 | GLOBAL | Cartesian | 18.90357 | 3.65 | 8.40264 | No | 18.90357 | 3.65 | 8.40264 |
| 35882 | GLOBAL | Cartesian | 18.90357 | 3.65 | 8.22452 | No | 18.90357 | 3.65 | 8.22452 |
| 35883 | GLOBAL | Cartesian | 18.90357 | 3.65 | 8.04639 | No | 18.90357 | 3.65 | 8.04639 |
| 35884 | GLOBAL | Cartesian | 18.70841 | 3.65 | 8.75166 | No | 18.70841 | 3.65 | 8.75166 |
| 35885 | GLOBAL | Cartesian | 18.70841 | 3.65 | 8.57354 | No | 18.70841 | 3.65 | 8.57354 |
| 35886 | GLOBAL | Cartesian | 18.70841 | 3.65 | 8.39543 | No | 18.70841 | 3.65 | 8.39543 |
| 35887 | GLOBAL | Cartesian | 18.70841 | 3.65 | 8.21731 | No | 18.70841 | 3.65 | 8.21731 |
| 35888 | GLOBAL | Cartesian | 18.70841 | 3.65 | 8.0392 | No | 18.70841 | 3.65 | 8.0392 |
| 35889 | GLOBAL | Cartesian | 18.51325 | 3.65 | 8.74444 | No | 18.51325 | 3.65 | 8.74444 |
| 35890 | GLOBAL | Cartesian | 18.51325 | 3.65 | 8.56633 | No | 18.51325 | 3.65 | 8.56633 |
| 35891 | GLOBAL | Cartesian | 18.51325 | 3.65 | 8.38822 | No | 18.51325 | 3.65 | 8.38822 |
| 35892 | GLOBAL | Cartesian | 18.51325 | 3.65 | 8.21011 | No | 18.51325 | 3.65 | 8.21011 |
| 35893 | GLOBAL | Cartesian | 18.51325 | 3.65 | 8.032 | No | 18.51325 | 3.65 | 8.032 |
| 35894 | GLOBAL | Cartesian | 18.31808 | 3.65 | 8.73722 | No | 18.31808 | 3.65 | 8.73722 |
| 35895 | GLOBAL | Cartesian | 18.31808 | 3.65 | 8.55911 | No | 18.31808 | 3.65 | 8.55911 |
| 35896 | GLOBAL | Cartesian | 18.31808 | 3.65 | 8.38101 | No | 18.31808 | 3.65 | 8.38101 |
| 35897 | GLOBAL | Cartesian | 18.31808 | 3.65 | 8.2029 | No | 18.31808 | 3.65 | 8.2029 |
| 35898 | GLOBAL | Cartesian | 18.31808 | 3.65 | 8.0248 | No | 18.31808 | 3.65 | 8.0248 |
| 35899 | GLOBAL | Cartesian | 17.53613 | 3.65 | 8.70401 | No | 17.53613 | 3.65 | 8.70401 |
| 35900 | GLOBAL | Cartesian | 17.53613 | 3.65 | 8.52613 | No | 17.53613 | 3.65 | 8.52613 |
| 35901 | GLOBAL | Cartesian | 17.53613 | 3.65 | 8.34825 | No | 17.53613 | 3.65 | 8.34825 |
| 35902 | GLOBAL | Cartesian | 17.53613 | 3.65 | 8.17036 | No | 17.53613 | 3.65 | 8.17036 |
| 35903 | GLOBAL | Cartesian | 17.53613 | 3.65 | 7.99248 | No | 17.53613 | 3.65 | 7.99248 |
| 35904 | GLOBAL | Cartesian | 17.34954 | 3.65 | 8.69575 | No | 17.34954 | 3.65 | 8.69575 |
| 35905 | GLOBAL | Cartesian | 17.34954 | 3.65 | 8.51779 | No | 17.34954 | 3.65 | 8.51779 |
| 35906 | GLOBAL | Cartesian | 17.34954 | 3.65 | 8.33982 | No | 17.34954 | 3.65 | 8.33982 |
| 35907 | GLOBAL | Cartesian | 17.34954 | 3.65 | 8.16186 | No | 17.34954 | 3.65 | 8.16186 |
| 35908 | GLOBAL | Cartesian | 17.34954 | 3.65 | 7.98389 | No | 17.34954 | 3.65 | 7.98389 |
| 35909 | GLOBAL | Cartesian | 17.16294 | 3.65 | 8.68749 | No | 17.16294 | 3.65 | 8.68749 |
| 35910 | GLOBAL | Cartesian | 17.16294 | 3.65 | 8.50944 | No | 17.16294 | 3.65 | 8.50944 |
| 35911 | GLOBAL | Cartesian | 17.16294 | 3.65 | 8.3314 | No | 17.16294 | 3.65 | 8.3314 |
| 35912 | GLOBAL | Cartesian | 17.16294 | 3.65 | 8.15335 | No | 17.16294 | 3.65 | 8.15335 |
| 35913 | GLOBAL | Cartesian | 17.16294 | 3.65 | 7.9753 | No | 17.16294 | 3.65 | 7.9753 |
| 35914 | GLOBAL | Cartesian | 16.97635 | 3.65 | 8.67923 | No | 16.97635 | 3.65 | 8.67923 |
| 35915 | GLOBAL | Cartesian | 16.97635 | 3.65 | 8.5011 | No | 16.97635 | 3.65 | 8.5011 |
| 35916 | GLOBAL | Cartesian | 16.97635 | 3.65 | 8.32297 | No | 16.97635 | 3.65 | 8.32297 |
| 35917 | GLOBAL | Cartesian | 16.97635 | 3.65 | 8.14484 | No | 16.97635 | 3.65 | 8.14484 |
| 35918 | GLOBAL | Cartesian | 16.97635 | 3.65 | 7.96671 | No | 16.97635 | 3.65 | 7.96671 |
| 35919 | GLOBAL | Cartesian | 16.78976 | 3.65 | 8.49276 | No | 16.78976 | 3.65 | 8.49276 |
| 35920 | GLOBAL | Cartesian | 16.78976 | 3.65 | 8.31454 | No | 16.78976 | 3.65 | 8.31454 |
| 35921 | GLOBAL | Cartesian | 16.78976 | 3.65 | 8.13633 | No | 16.78976 | 3.65 | 8.13633 |
| 35922 | GLOBAL | Cartesian | 16.60455 | 3.65 | 8.66255 | No | 16.60455 | 3.65 | 8.66255 |
| 35923 | GLOBAL | Cartesian | 16.60455 | 3.65 | 8.48431 | No | 16.60455 | 3.65 | 8.48431 |
| 35924 | GLOBAL | Cartesian | 16.60455 | 3.65 | 8.30607 | No | 16.60455 | 3.65 | 8.30607 |
| 35925 | GLOBAL | Cartesian | 16.60455 | 3.65 | 8.12784 | No | 16.60455 | 3.65 | 8.12784 |
| 35926 | GLOBAL | Cartesian | 16.60455 | 3.65 | 7.9496 | No | 16.60455 | 3.65 | 7.9496 |
| 35927 | GLOBAL | Cartesian | 16.41935 | 3.65 | 8.65413 | No | 16.41935 | 3.65 | 8.65413 |
| 35928 | GLOBAL | Cartesian | 16.41935 | 3.65 | 8.47586 | No | 16.41935 | 3.65 | 8.47586 |
| 35929 | GLOBAL | Cartesian | 16.41935 | 3.65 | 8.2976 | No | 16.41935 | 3.65 | 8.2976 |
| 35930 | GLOBAL | Cartesian | 16.41935 | 3.65 | 8.11934 | No | 16.41935 | 3.65 | 8.11934 |
| 35931 | GLOBAL | Cartesian | 16.41935 | 3.65 | 7.94107 | No | 16.41935 | 3.65 | 7.94107 |
| 35932 | GLOBAL | Cartesian | 16.23415 | 3.65 | 8.64571 | No | 16.23415 | 3.65 | 8.64571 |
| 35933 | GLOBAL | Cartesian | 16.23415 | 3.65 | 8.46742 | No | 16.23415 | 3.65 | 8.46742 |
| 35934 | GLOBAL | Cartesian | 16.23415 | 3.65 | 8.28913 | No | 16.23415 | 3.65 | 8.28913 |
| 35935 | GLOBAL | Cartesian | 16.23415 | 3.65 | 8.11084 | No | 16.23415 | 3.65 | 8.11084 |
| 35936 | GLOBAL | Cartesian | 16.23415 | 3.65 | 7.93255 | No | 16.23415 | 3.65 | 7.93255 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 35937 | GLOBAL | Cartesian | 16.04894 | 3.65 | 8.63729 | No | 16.04894 | 3.65 | 8.63729 |
| 35938 | GLOBAL | Cartesian | 16.04894 | 3.65 | 8.45897 | No | 16.04894 | 3.65 | 8.45897 |
| 35939 | GLOBAL | Cartesian | 16.04894 | 3.65 | 8.28066 | No | 16.04894 | 3.65 | 8.28066 |
| 35940 | GLOBAL | Cartesian | 16.04894 | 3.65 | 8.10234 | No | 16.04894 | 3.65 | 8.10234 |
| 35941 | GLOBAL | Cartesian | 16.04894 | 3.65 | 7.92402 | No | 16.04894 | 3.65 | 7.92402 |
| 35942 | GLOBAL | Cartesian | 15.86374 | 3.65 | 8.62887 | No | 15.86374 | 3.65 | 8.62887 |
| 35943 | GLOBAL | Cartesian | 15.86374 | 3.65 | 8.45053 | No | 15.86374 | 3.65 | 8.45053 |
| 35944 | GLOBAL | Cartesian | 15.86374 | 3.65 | 8.27218 | No | 15.86374 | 3.65 | 8.27218 |
| 35945 | GLOBAL | Cartesian | 15.86374 | 3.65 | 8.09384 | No | 15.86374 | 3.65 | 8.09384 |
| 35946 | GLOBAL | Cartesian | 15.86374 | 3.65 | 7.9155 | No | 15.86374 | 3.65 | 7.9155 |
| 35947 | GLOBAL | Cartesian | 15.67853 | 3.65 | 8.62045 | No | 15.67853 | 3.65 | 8.62045 |
| 35948 | GLOBAL | Cartesian | 15.67853 | 3.65 | 8.44208 | No | 15.67853 | 3.65 | 8.44208 |
| 35949 | GLOBAL | Cartesian | 15.67853 | 3.65 | 8.26371 | No | 15.67853 | 3.65 | 8.26371 |
| 35950 | GLOBAL | Cartesian | 15.67853 | 3.65 | 8.08534 | No | 15.67853 | 3.65 | 8.08534 |
| 35951 | GLOBAL | Cartesian | 15.67853 | 3.65 | 7.90697 | No | 15.67853 | 3.65 | 7.90697 |
| 35952 | GLOBAL | Cartesian | 15.49333 | 3.65 | 8.61204 | No | 15.49333 | 3.65 | 8.61204 |
| 35953 | GLOBAL | Cartesian | 15.49333 | 3.65 | 8.43364 | No | 15.49333 | 3.65 | 8.43364 |
| 35954 | GLOBAL | Cartesian | 15.49333 | 3.65 | 8.25524 | No | 15.49333 | 3.65 | 8.25524 |
| 35955 | GLOBAL | Cartesian | 15.49333 | 3.65 | 8.07684 | No | 15.49333 | 3.65 | 8.07684 |
| 35956 | GLOBAL | Cartesian | 15.49333 | 3.65 | 7.89845 | No | 15.49333 | 3.65 | 7.89845 |
| 35957 | GLOBAL | Cartesian | 15.30813 | 3.65 | 8.60362 | No | 15.30813 | 3.65 | 8.60362 |
| 35958 | GLOBAL | Cartesian | 15.30813 | 3.65 | 8.42519 | No | 15.30813 | 3.65 | 8.42519 |
| 35959 | GLOBAL | Cartesian | 15.30813 | 3.65 | 8.24677 | No | 15.30813 | 3.65 | 8.24677 |
| 35960 | GLOBAL | Cartesian | 15.30813 | 3.65 | 8.06834 | No | 15.30813 | 3.65 | 8.06834 |
| 35961 | GLOBAL | Cartesian | 15.30813 | 3.65 | 7.88992 | No | 15.30813 | 3.65 | 7.88992 |
| 35962 | GLOBAL | Cartesian | 29.57525 | 3.65 | 9.12235 | No | 29.57525 | 3.65 | 9.12235 |
| 35963 | GLOBAL | Cartesian | 29.42665 | 3.65 | 9.11597 | No | 29.42665 | 3.65 | 9.11597 |
| 35964 | GLOBAL | Cartesian | 29.27804 | 3.65 | 9.1096 | No | 29.27804 | 3.65 | 9.1096 |
| 35965 | GLOBAL | Cartesian | 29.12944 | 3.65 | 9.10322 | No | 29.12944 | 3.65 | 9.10322 |
| 35966 | GLOBAL | Cartesian | 28.98084 | 3.65 | 9.09684 | No | 28.98084 | 3.65 | 9.09684 |
| 35967 | GLOBAL | Cartesian | 29.42777 | 3.65 | 9.24549 | No | 29.42777 | 3.65 | 9.24549 |
| 35968 | GLOBAL | Cartesian | 29.28507 | 3.65 | 9.2342 | No | 29.28507 | 3.65 | 9.2342 |
| 35969 | GLOBAL | Cartesian | 29.14237 | 3.65 | 9.22291 | No | 29.14237 | 3.65 | 9.22291 |
| 35970 | GLOBAL | Cartesian | 28.99967 | 3.65 | 9.21162 | No | 28.99967 | 3.65 | 9.21162 |
| 35971 | GLOBAL | Cartesian | 28.85697 | 3.65 | 9.20032 | No | 28.85697 | 3.65 | 9.20032 |
| 35972 | GLOBAL | Cartesian | 29.2803 | 3.65 | 9.36863 | No | 29.2803 | 3.65 | 9.36863 |
| 35973 | GLOBAL | Cartesian | 29.1435 | 3.65 | 9.35242 | No | 29.1435 | 3.65 | 9.35242 |
| 35974 | GLOBAL | Cartesian | 29.0067 | 3.65 | 9.33622 | No | 29.0067 | 3.65 | 9.33622 |
| 35975 | GLOBAL | Cartesian | 28.86989 | 3.65 | 9.32001 | No | 28.86989 | 3.65 | 9.32001 |
| 35976 | GLOBAL | Cartesian | 28.73309 | 3.65 | 9.30381 | No | 28.73309 | 3.65 | 9.30381 |
| 35977 | GLOBAL | Cartesian | 29.13282 | 3.65 | 9.49177 | No | 29.13282 | 3.65 | 9.49177 |
| 35978 | GLOBAL | Cartesian | 29.00192 | 3.65 | 9.47065 | No | 29.00192 | 3.65 | 9.47065 |
| 35979 | GLOBAL | Cartesian | 28.87102 | 3.65 | 9.44953 | No | 28.87102 | 3.65 | 9.44953 |
| 35980 | GLOBAL | Cartesian | 28.74012 | 3.65 | 9.42841 | No | 28.74012 | 3.65 | 9.42841 |
| 35981 | GLOBAL | Cartesian | 28.60922 | 3.65 | 9.40729 | No | 28.60922 | 3.65 | 9.40729 |
| 35982 | GLOBAL | Cartesian | 28.98535 | 3.65 | 9.61491 | No | 28.98535 | 3.65 | 9.61491 |
| 35983 | GLOBAL | Cartesian | 28.86035 | 3.65 | 9.58888 | No | 28.86035 | 3.65 | 9.58888 |
| 35984 | GLOBAL | Cartesian | 28.73535 | 3.65 | 9.56284 | No | 28.73535 | 3.65 | 9.56284 |
| 35985 | GLOBAL | Cartesian | 28.61034 | 3.65 | 9.53681 | No | 28.61034 | 3.65 | 9.53681 |
| 35986 | GLOBAL | Cartesian | 28.48534 | 3.65 | 9.51077 | No | 28.48534 | 3.65 | 9.51077 |
| 35987 | GLOBAL | Cartesian | 28.83788 | 3.65 | 9.73805 | No | 28.83788 | 3.65 | 9.73805 |
| 35988 | GLOBAL | Cartesian | 28.71877 | 3.65 | 9.7071 | No | 28.71877 | 3.65 | 9.7071 |
| 35989 | GLOBAL | Cartesian | 28.59967 | 3.65 | 9.67615 | No | 28.59967 | 3.65 | 9.67615 |
| 35990 | GLOBAL | Cartesian | 28.48057 | 3.65 | 9.64521 | No | 28.48057 | 3.65 | 9.64521 |
| 35991 | GLOBAL | Cartesian | 28.36147 | 3.65 | 9.61426 | No | 28.36147 | 3.65 | 9.61426 |
| 35992 | GLOBAL | Cartesian | 28.6904 | 3.65 | 9.86119 | No | 28.6904 | 3.65 | 9.86119 |
| 35993 | GLOBAL | Cartesian | 28.5772 | 3.65 | 9.82533 | No | 28.5772 | 3.65 | 9.82533 |
| 35994 | GLOBAL | Cartesian | 28.464 | 3.65 | 9.78947 | No | 28.464 | 3.65 | 9.78947 |
| 35995 | GLOBAL | Cartesian | 28.3508 | 3.65 | 9.7536 | No | 28.3508 | 3.65 | 9.7536 |
| 35996 | GLOBAL | Cartesian | 28.23759 | 3.65 | 9.71774 | No | 28.23759 | 3.65 | 9.71774 |
| 35997 | GLOBAL | Cartesian | 28.54293 | 3.65 | 9.98433 | No | 28.54293 | 3.65 | 9.98433 |
| 35998 | GLOBAL | Cartesian | 28.43563 | 3.65 | 9.94355 | No | 28.43563 | 3.65 | 9.94355 |
| 35999 | GLOBAL | Cartesian | 28.32832 | 3.65 | 9.90278 | No | 28.32832 | 3.65 | 9.90278 |
| 36000 | GLOBAL | Cartesian | 28.22102 | 3.65 | 9.862 | No | 28.22102 | 3.65 | 9.862 |
| 36001 | GLOBAL | Cartesian | 28.11372 | 3.65 | 9.82123 | No | 28.11372 | 3.65 | 9.82123 |
| 36002 | GLOBAL | Cartesian | 28.39545 | 3.65 | 10.10747 | No | 28.39545 | 3.65 | 10.10747 |
| 36003 | GLOBAL | Cartesian | 28.29405 | 3.65 | 10.06178 | No | 28.29405 | 3.65 | 10.06178 |
| 36004 | GLOBAL | Cartesian | 28.19265 | 3.65 | 10.01609 | No | 28.19265 | 3.65 | 10.01609 |
| 36005 | GLOBAL | Cartesian | 28.09125 | 3.65 | 9.9704 | No | 28.09125 | 3.65 | 9.9704 |
| 36006 | GLOBAL | Cartesian | 27.98984 | 3.65 | 9.92471 | No | 27.98984 | 3.65 | 9.92471 |
| 36007 | GLOBAL | Cartesian | 28.24798 | 3.65 | 10.23061 | No | 28.24798 | 3.65 | 10.23061 |
| 36008 | GLOBAL | Cartesian | 28.15248 | 3.65 | 10.18 | No | 28.15248 | 3.65 | 10.18 |
| 36009 | GLOBAL | Cartesian | 28.05697 | 3.65 | 10.1294 | No | 28.05697 | 3.65 | 10.1294 |
| 36010 | GLOBAL | Cartesian | 27.96147 | 3.65 | 10.0788 | No | 27.96147 | 3.65 | 10.0788 |
| 36011 | GLOBAL | Cartesian | 27.86597 | 3.65 | 10.02819 | No | 27.86597 | 3.65 | 10.02819 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36012 | GLOBAL | Cartesian | 28.10051 | 3.65 | 10.35375 | No | 28.10051 | 3.65 | 10.35375 |
| 36013 | GLOBAL | Cartesian | 28.0109 | 3.65 | 10.29823 | No | 28.0109 | 3.65 | 10.29823 |
| 36014 | GLOBAL | Cartesian | 27.9213 | 3.65 | 10.24271 | No | 27.9213 | 3.65 | 10.24271 |
| 36015 | GLOBAL | Cartesian | 27.8317 | 3.65 | 10.18719 | No | 27.8317 | 3.65 | 10.18719 |
| 36016 | GLOBAL | Cartesian | 27.74209 | 3.65 | 10.13168 | No | 27.74209 | 3.65 | 10.13168 |
| 36017 | GLOBAL | Cartesian | 27.95303 | 3.65 | 10.47689 | No | 27.95303 | 3.65 | 10.47689 |
| 36018 | GLOBAL | Cartesian | 27.86933 | 3.65 | 10.41645 | No | 27.86933 | 3.65 | 10.41645 |
| 36019 | GLOBAL | Cartesian | 27.78563 | 3.65 | 10.35602 | No | 27.78563 | 3.65 | 10.35602 |
| 36020 | GLOBAL | Cartesian | 27.70192 | 3.65 | 10.29559 | No | 27.70192 | 3.65 | 10.29559 |
| 36021 | GLOBAL | Cartesian | 27.61822 | 3.65 | 10.23516 | No | 27.61822 | 3.65 | 10.23516 |
| 36022 | GLOBAL | Cartesian | 27.80556 | 3.65 | 10.60003 | No | 27.80556 | 3.65 | 10.60003 |
| 36023 | GLOBAL | Cartesian | 27.72776 | 3.65 | 10.53468 | No | 27.72776 | 3.65 | 10.53468 |
| 36024 | GLOBAL | Cartesian | 27.64995 | 3.65 | 10.46933 | No | 27.64995 | 3.65 | 10.46933 |
| 36025 | GLOBAL | Cartesian | 27.57215 | 3.65 | 10.40399 | No | 27.57215 | 3.65 | 10.40399 |
| 36026 | GLOBAL | Cartesian | 27.49435 | 3.65 | 10.33864 | No | 27.49435 | 3.65 | 10.33864 |
| 36027 | GLOBAL | Cartesian | 27.65808 | 3.65 | 10.72317 | No | 27.65808 | 3.65 | 10.72317 |
| 36028 | GLOBAL | Cartesian | 27.58618 | 3.65 | 10.65291 | No | 27.58618 | 3.65 | 10.65291 |
| 36029 | GLOBAL | Cartesian | 27.51428 | 3.65 | 10.58265 | No | 27.51428 | 3.65 | 10.58265 |
| 36030 | GLOBAL | Cartesian | 27.44237 | 3.65 | 10.51239 | No | 27.44237 | 3.65 | 10.51239 |
| 36031 | GLOBAL | Cartesian | 27.37047 | 3.65 | 10.44213 | No | 27.37047 | 3.65 | 10.44213 |
| 36032 | GLOBAL | Cartesian | 27.51061 | 3.65 | 10.8463 | No | 27.51061 | 3.65 | 10.8463 |
| 36033 | GLOBAL | Cartesian | 27.44461 | 3.65 | 10.77113 | No | 27.44461 | 3.65 | 10.77113 |
| 36034 | GLOBAL | Cartesian | 27.3786 | 3.65 | 10.69596 | No | 27.3786 | 3.65 | 10.69596 |
| 36035 | GLOBAL | Cartesian | 27.3126 | 3.65 | 10.62078 | No | 27.3126 | 3.65 | 10.62078 |
| 36036 | GLOBAL | Cartesian | 27.2466 | 3.65 | 10.54561 | No | 27.2466 | 3.65 | 10.54561 |
| 36037 | GLOBAL | Cartesian | 27.30303 | 3.65 | 10.88936 | No | 27.30303 | 3.65 | 10.88936 |
| 36038 | GLOBAL | Cartesian | 27.24293 | 3.65 | 10.80927 | No | 27.24293 | 3.65 | 10.80927 |
| 36039 | GLOBAL | Cartesian | 27.18282 | 3.65 | 10.72918 | No | 27.18282 | 3.65 | 10.72918 |
| 36040 | GLOBAL | Cartesian | 27.24293 | 3.65 | 10.95759 | No | 27.24293 | 3.65 | 10.95759 |
| 36041 | GLOBAL | Cartesian | 27.20286 | 3.65 | 10.85476 | No | 27.20286 | 3.65 | 10.85476 |
| 36042 | GLOBAL | Cartesian | 27.16279 | 3.65 | 10.75193 | No | 27.16279 | 3.65 | 10.75193 |
| 36043 | GLOBAL | Cartesian | 27.12272 | 3.65 | 10.84686 | No | 27.12272 | 3.65 | 10.84686 |
| 36044 | GLOBAL | Cartesian | 26.56764 | 3.65 | 9.08089 | No | 26.56764 | 3.65 | 9.08089 |
| 36045 | GLOBAL | Cartesian | 26.40254 | 3.65 | 9.07332 | No | 26.40254 | 3.65 | 9.07332 |
| 36046 | GLOBAL | Cartesian | 26.23743 | 3.65 | 9.06575 | No | 26.23743 | 3.65 | 9.06575 |
| 36047 | GLOBAL | Cartesian | 26.07232 | 3.65 | 9.05818 | No | 26.07232 | 3.65 | 9.05818 |
| 36048 | GLOBAL | Cartesian | 25.90721 | 3.65 | 9.0506 | No | 25.90721 | 3.65 | 9.0506 |
| 36049 | GLOBAL | Cartesian | 26.41256 | 3.65 | 9.1949 | No | 26.41256 | 3.65 | 9.1949 |
| 36050 | GLOBAL | Cartesian | 26.25436 | 3.65 | 9.1826 | No | 26.25436 | 3.65 | 9.1826 |
| 36051 | GLOBAL | Cartesian | 26.09616 | 3.65 | 9.17031 | No | 26.09616 | 3.65 | 9.17031 |
| 36052 | GLOBAL | Cartesian | 25.93795 | 3.65 | 9.15801 | No | 25.93795 | 3.65 | 9.15801 |
| 36053 | GLOBAL | Cartesian | 25.77975 | 3.65 | 9.14572 | No | 25.77975 | 3.65 | 9.14572 |
| 36054 | GLOBAL | Cartesian | 26.25748 | 3.65 | 9.30891 | No | 26.25748 | 3.65 | 9.30891 |
| 36055 | GLOBAL | Cartesian | 26.10618 | 3.65 | 9.29189 | No | 26.10618 | 3.65 | 9.29189 |
| 36056 | GLOBAL | Cartesian | 25.95489 | 3.65 | 9.27487 | No | 25.95489 | 3.65 | 9.27487 |
| 36057 | GLOBAL | Cartesian | 25.80359 | 3.65 | 9.25785 | No | 25.80359 | 3.65 | 9.25785 |
| 36058 | GLOBAL | Cartesian | 25.65229 | 3.65 | 9.24083 | No | 25.65229 | 3.65 | 9.24083 |
| 36059 | GLOBAL | Cartesian | 26.1024 | 3.65 | 9.42291 | No | 26.1024 | 3.65 | 9.42291 |
| 36060 | GLOBAL | Cartesian | 25.95801 | 3.65 | 9.40117 | No | 25.95801 | 3.65 | 9.40117 |
| 36061 | GLOBAL | Cartesian | 25.81361 | 3.65 | 9.37943 | No | 25.81361 | 3.65 | 9.37943 |
| 36062 | GLOBAL | Cartesian | 25.66922 | 3.65 | 9.35769 | No | 25.66922 | 3.65 | 9.35769 |
| 36063 | GLOBAL | Cartesian | 25.52482 | 3.65 | 9.33595 | No | 25.52482 | 3.65 | 9.33595 |
| 36064 | GLOBAL | Cartesian | 25.94732 | 3.65 | 9.53692 | No | 25.94732 | 3.65 | 9.53692 |
| 36065 | GLOBAL | Cartesian | 25.80983 | 3.65 | 9.51046 | No | 25.80983 | 3.65 | 9.51046 |
| 36066 | GLOBAL | Cartesian | 25.67234 | 3.65 | 9.48399 | No | 25.67234 | 3.65 | 9.48399 |
| 36067 | GLOBAL | Cartesian | 25.53485 | 3.65 | 9.45753 | No | 25.53485 | 3.65 | 9.45753 |
| 36068 | GLOBAL | Cartesian | 25.39736 | 3.65 | 9.43106 | No | 25.39736 | 3.65 | 9.43106 |
| 36069 | GLOBAL | Cartesian | 25.79225 | 3.65 | 9.65093 | No | 25.79225 | 3.65 | 9.65093 |
| 36070 | GLOBAL | Cartesian | 25.66166 | 3.65 | 9.61974 | No | 25.66166 | 3.65 | 9.61974 |
| 36071 | GLOBAL | Cartesian | 25.53107 | 3.65 | 9.58855 | No | 25.53107 | 3.65 | 9.58855 |
| 36072 | GLOBAL | Cartesian | 25.40048 | 3.65 | 9.55737 | No | 25.40048 | 3.65 | 9.55737 |
| 36073 | GLOBAL | Cartesian | 25.2699 | 3.65 | 9.52618 | No | 25.2699 | 3.65 | 9.52618 |
| 36074 | GLOBAL | Cartesian | 25.63717 | 3.65 | 9.76493 | No | 25.63717 | 3.65 | 9.76493 |
| 36075 | GLOBAL | Cartesian | 25.51348 | 3.65 | 9.72902 | No | 25.51348 | 3.65 | 9.72902 |
| 36076 | GLOBAL | Cartesian | 25.3898 | 3.65 | 9.69311 | No | 25.3898 | 3.65 | 9.69311 |
| 36077 | GLOBAL | Cartesian | 25.26612 | 3.65 | 9.65721 | No | 25.26612 | 3.65 | 9.65721 |
| 36078 | GLOBAL | Cartesian | 25.14243 | 3.65 | 9.6213 | No | 25.14243 | 3.65 | 9.6213 |
| 36079 | GLOBAL | Cartesian | 25.48209 | 3.65 | 9.87894 | No | 25.48209 | 3.65 | 9.87894 |
| 36080 | GLOBAL | Cartesian | 25.36531 | 3.65 | 9.83831 | No | 25.36531 | 3.65 | 9.83831 |
| 36081 | GLOBAL | Cartesian | 25.24853 | 3.65 | 9.79768 | No | 25.24853 | 3.65 | 9.79768 |
| 36082 | GLOBAL | Cartesian | 25.13175 | 3.65 | 9.75704 | No | 25.13175 | 3.65 | 9.75704 |
| 36083 | GLOBAL | Cartesian | 25.01497 | 3.65 | 9.71641 | No | 25.01497 | 3.65 | 9.71641 |
| 36084 | GLOBAL | Cartesian | 25.32701 | 3.65 | 9.99295 | No | 25.32701 | 3.65 | 9.99295 |
| 36085 | GLOBAL | Cartesian | 25.21713 | 3.65 | 9.94759 | No | 25.21713 | 3.65 | 9.94759 |
| 36086 | GLOBAL | Cartesian | 25.10726 | 3.65 | 9.90224 | No | 25.10726 | 3.65 | 9.90224 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36087 | GLOBAL | Cartesian | 24.99738 | 3.65 | 9.85688 | No | 24.99738 | 3.65 | 9.85688 |
| 36088 | GLOBAL | Cartesian | 24.8875 | 3.65 | 9.81153 | No | 24.8875 | 3.65 | 9.81153 |
| 36089 | GLOBAL | Cartesian | 25.17193 | 3.65 | 10.10695 | No | 25.17193 | 3.65 | 10.10695 |
| 36090 | GLOBAL | Cartesian | 25.06896 | 3.65 | 10.05688 | No | 25.06896 | 3.65 | 10.05688 |
| 36091 | GLOBAL | Cartesian | 24.96598 | 3.65 | 10.0068 | No | 24.96598 | 3.65 | 10.0068 |
| 36092 | GLOBAL | Cartesian | 24.86301 | 3.65 | 9.95672 | No | 24.86301 | 3.65 | 9.95672 |
| 36093 | GLOBAL | Cartesian | 24.76004 | 3.65 | 9.90664 | No | 24.76004 | 3.65 | 9.90664 |
| 36094 | GLOBAL | Cartesian | 25.01685 | 3.65 | 10.22096 | No | 25.01685 | 3.65 | 10.22096 |
| 36095 | GLOBAL | Cartesian | 24.92078 | 3.65 | 10.16616 | No | 24.92078 | 3.65 | 10.16616 |
| 36096 | GLOBAL | Cartesian | 24.82471 | 3.65 | 10.11136 | No | 24.82471 | 3.65 | 10.11136 |
| 36097 | GLOBAL | Cartesian | 24.72864 | 3.65 | 10.05656 | No | 24.72864 | 3.65 | 10.05656 |
| 36098 | GLOBAL | Cartesian | 24.63258 | 3.65 | 10.00176 | No | 24.63258 | 3.65 | 10.00176 |
| 36099 | GLOBAL | Cartesian | 24.86177 | 3.65 | 10.33497 | No | 24.86177 | 3.65 | 10.33497 |
| 36100 | GLOBAL | Cartesian | 24.77261 | 3.65 | 10.27544 | No | 24.77261 | 3.65 | 10.27544 |
| 36101 | GLOBAL | Cartesian | 24.68344 | 3.65 | 10.21592 | No | 24.68344 | 3.65 | 10.21592 |
| 36102 | GLOBAL | Cartesian | 24.59428 | 3.65 | 10.1564 | No | 24.59428 | 3.65 | 10.1564 |
| 36103 | GLOBAL | Cartesian | 24.50511 | 3.65 | 10.09687 | No | 24.50511 | 3.65 | 10.09687 |
| 36104 | GLOBAL | Cartesian | 24.70669 | 3.65 | 10.44898 | No | 24.70669 | 3.65 | 10.44898 |
| 36105 | GLOBAL | Cartesian | 24.62443 | 3.65 | 10.38473 | No | 24.62443 | 3.65 | 10.38473 |
| 36106 | GLOBAL | Cartesian | 24.54217 | 3.65 | 10.32048 | No | 24.54217 | 3.65 | 10.32048 |
| 36107 | GLOBAL | Cartesian | 24.45991 | 3.65 | 10.25623 | No | 24.45991 | 3.65 | 10.25623 |
| 36108 | GLOBAL | Cartesian | 24.37765 | 3.65 | 10.19199 | No | 24.37765 | 3.65 | 10.19199 |
| 36109 | GLOBAL | Cartesian | 24.55161 | 3.65 | 10.56298 | No | 24.55161 | 3.65 | 10.56298 |
| 36110 | GLOBAL | Cartesian | 24.47625 | 3.65 | 10.49401 | No | 24.47625 | 3.65 | 10.49401 |
| 36111 | GLOBAL | Cartesian | 24.4009 | 3.65 | 10.42504 | No | 24.4009 | 3.65 | 10.42504 |
| 36112 | GLOBAL | Cartesian | 24.32554 | 3.65 | 10.35607 | No | 24.32554 | 3.65 | 10.35607 |
| 36113 | GLOBAL | Cartesian | 24.25018 | 3.65 | 10.2871 | No | 24.25018 | 3.65 | 10.2871 |
| 36114 | GLOBAL | Cartesian | 24.32808 | 3.65 | 10.6033 | No | 24.32808 | 3.65 | 10.6033 |
| 36115 | GLOBAL | Cartesian | 24.25963 | 3.65 | 10.5296 | No | 24.25963 | 3.65 | 10.5296 |
| 36116 | GLOBAL | Cartesian | 24.19117 | 3.65 | 10.45591 | No | 24.19117 | 3.65 | 10.45591 |
| 36117 | GLOBAL | Cartesian | 23.55823 | 3.65 | 9.01476 | No | 23.55823 | 3.65 | 9.01476 |
| 36118 | GLOBAL | Cartesian | 23.37521 | 3.65 | 9.0053 | No | 23.37521 | 3.65 | 9.0053 |
| 36119 | GLOBAL | Cartesian | 23.19218 | 3.65 | 8.99585 | No | 23.19218 | 3.65 | 8.99585 |
| 36120 | GLOBAL | Cartesian | 23.00916 | 3.65 | 8.98639 | No | 23.00916 | 3.65 | 8.98639 |
| 36121 | GLOBAL | Cartesian | 22.82614 | 3.65 | 8.97693 | No | 22.82614 | 3.65 | 8.97693 |
| 36122 | GLOBAL | Cartesian | 23.39483 | 3.65 | 9.12016 | No | 23.39483 | 3.65 | 9.12016 |
| 36123 | GLOBAL | Cartesian | 23.2199 | 3.65 | 9.10617 | No | 23.2199 | 3.65 | 9.10617 |
| 36124 | GLOBAL | Cartesian | 23.04498 | 3.65 | 9.09219 | No | 23.04498 | 3.65 | 9.09219 |
| 36125 | GLOBAL | Cartesian | 22.87005 | 3.65 | 9.0782 | No | 22.87005 | 3.65 | 9.0782 |
| 36126 | GLOBAL | Cartesian | 22.69512 | 3.65 | 9.06421 | No | 22.69512 | 3.65 | 9.06421 |
| 36127 | GLOBAL | Cartesian | 23.23143 | 3.65 | 9.22556 | No | 23.23143 | 3.65 | 9.22556 |
| 36128 | GLOBAL | Cartesian | 23.0646 | 3.65 | 9.20704 | No | 23.0646 | 3.65 | 9.20704 |
| 36129 | GLOBAL | Cartesian | 22.89777 | 3.65 | 9.18853 | No | 22.89777 | 3.65 | 9.18853 |
| 36130 | GLOBAL | Cartesian | 22.73094 | 3.65 | 9.17001 | No | 22.73094 | 3.65 | 9.17001 |
| 36131 | GLOBAL | Cartesian | 22.56411 | 3.65 | 9.1515 | No | 22.56411 | 3.65 | 9.1515 |
| 36132 | GLOBAL | Cartesian | 23.06803 | 3.65 | 9.33096 | No | 23.06803 | 3.65 | 9.33096 |
| 36133 | GLOBAL | Cartesian | 22.9093 | 3.65 | 9.30791 | No | 22.9093 | 3.65 | 9.30791 |
| 36134 | GLOBAL | Cartesian | 22.75056 | 3.65 | 9.28487 | No | 22.75056 | 3.65 | 9.28487 |
| 36135 | GLOBAL | Cartesian | 22.59183 | 3.65 | 9.26183 | No | 22.59183 | 3.65 | 9.26183 |
| 36136 | GLOBAL | Cartesian | 22.43309 | 3.65 | 9.23878 | No | 22.43309 | 3.65 | 9.23878 |
| 36137 | GLOBAL | Cartesian | 22.90463 | 3.65 | 9.43636 | No | 22.90463 | 3.65 | 9.43636 |
| 36138 | GLOBAL | Cartesian | 22.75399 | 3.65 | 9.40878 | No | 22.75399 | 3.65 | 9.40878 |
| 36139 | GLOBAL | Cartesian | 22.60335 | 3.65 | 9.38121 | No | 22.60335 | 3.65 | 9.38121 |
| 36140 | GLOBAL | Cartesian | 22.45271 | 3.65 | 9.35364 | No | 22.45271 | 3.65 | 9.35364 |
| 36141 | GLOBAL | Cartesian | 22.30207 | 3.65 | 9.32607 | No | 22.30207 | 3.65 | 9.32607 |
| 36142 | GLOBAL | Cartesian | 22.74124 | 3.65 | 9.54175 | No | 22.74124 | 3.65 | 9.54175 |
| 36143 | GLOBAL | Cartesian | 22.59869 | 3.65 | 9.50965 | No | 22.59869 | 3.65 | 9.50965 |
| 36144 | GLOBAL | Cartesian | 22.45615 | 3.65 | 9.47755 | No | 22.45615 | 3.65 | 9.47755 |
| 36145 | GLOBAL | Cartesian | 22.3136 | 3.65 | 9.44545 | No | 22.3136 | 3.65 | 9.44545 |
| 36146 | GLOBAL | Cartesian | 22.17106 | 3.65 | 9.41335 | No | 22.17106 | 3.65 | 9.41335 |
| 36147 | GLOBAL | Cartesian | 22.57784 | 3.65 | 9.64715 | No | 22.57784 | 3.65 | 9.64715 |
| 36148 | GLOBAL | Cartesian | 22.44339 | 3.65 | 9.61052 | No | 22.44339 | 3.65 | 9.61052 |
| 36149 | GLOBAL | Cartesian | 22.30894 | 3.65 | 9.5739 | No | 22.30894 | 3.65 | 9.5739 |
| 36150 | GLOBAL | Cartesian | 22.17449 | 3.65 | 9.53727 | No | 22.17449 | 3.65 | 9.53727 |
| 36151 | GLOBAL | Cartesian | 22.04004 | 3.65 | 9.50064 | No | 22.04004 | 3.65 | 9.50064 |
| 36152 | GLOBAL | Cartesian | 22.41444 | 3.65 | 9.75255 | No | 22.41444 | 3.65 | 9.75255 |
| 36153 | GLOBAL | Cartesian | 22.28808 | 3.65 | 9.71139 | No | 22.28808 | 3.65 | 9.71139 |
| 36154 | GLOBAL | Cartesian | 22.16173 | 3.65 | 9.67024 | No | 22.16173 | 3.65 | 9.67024 |
| 36155 | GLOBAL | Cartesian | 22.03538 | 3.65 | 9.62908 | No | 22.03538 | 3.65 | 9.62908 |
| 36156 | GLOBAL | Cartesian | 21.90902 | 3.65 | 9.58792 | No | 21.90902 | 3.65 | 9.58792 |
| 36157 | GLOBAL | Cartesian | 22.25104 | 3.65 | 9.85795 | No | 22.25104 | 3.65 | 9.85795 |
| 36158 | GLOBAL | Cartesian | 22.13278 | 3.65 | 9.81226 | No | 22.13278 | 3.65 | 9.81226 |
| 36159 | GLOBAL | Cartesian | 22.01452 | 3.65 | 9.76658 | No | 22.01452 | 3.65 | 9.76658 |
| 36160 | GLOBAL | Cartesian | 21.89627 | 3.65 | 9.72089 | No | 21.89627 | 3.65 | 9.72089 |
| 36161 | GLOBAL | Cartesian | 21.77801 | 3.65 | 9.67521 | No | 21.77801 | 3.65 | 9.67521 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36162 | GLOBAL | Cartesian | 22.08764 | 3.65 | 9.96335 | No | 22.08764 | 3.65 | 9.96335 |
| 36163 | GLOBAL | Cartesian | 21.97748 | 3.65 | 9.91313 | No | 21.97748 | 3.65 | 9.91313 |
| 36164 | GLOBAL | Cartesian | 21.86732 | 3.65 | 9.86292 | No | 21.86732 | 3.65 | 9.86292 |
| 36165 | GLOBAL | Cartesian | 21.75715 | 3.65 | 9.81271 | No | 21.75715 | 3.65 | 9.81271 |
| 36166 | GLOBAL | Cartesian | 21.64699 | 3.65 | 9.76249 | No | 21.64699 | 3.65 | 9.76249 |
| 36167 | GLOBAL | Cartesian | 21.92424 | 3.65 | 10.06875 | No | 21.92424 | 3.65 | 10.06875 |
| 36168 | GLOBAL | Cartesian | 21.82218 | 3.65 | 10.014 | No | 21.82218 | 3.65 | 10.014 |
| 36169 | GLOBAL | Cartesian | 21.72011 | 3.65 | 9.95926 | No | 21.72011 | 3.65 | 9.95926 |
| 36170 | GLOBAL | Cartesian | 21.61804 | 3.65 | 9.90452 | No | 21.61804 | 3.65 | 9.90452 |
| 36171 | GLOBAL | Cartesian | 21.51598 | 3.65 | 9.84978 | No | 21.51598 | 3.65 | 9.84978 |
| 36172 | GLOBAL | Cartesian | 21.76084 | 3.65 | 10.17415 | No | 21.76084 | 3.65 | 10.17415 |
| 36173 | GLOBAL | Cartesian | 21.66687 | 3.65 | 10.11487 | No | 21.66687 | 3.65 | 10.11487 |
| 36174 | GLOBAL | Cartesian | 21.5729 | 3.65 | 10.0556 | No | 21.5729 | 3.65 | 10.0556 |
| 36175 | GLOBAL | Cartesian | 21.47893 | 3.65 | 9.99633 | No | 21.47893 | 3.65 | 9.99633 |
| 36176 | GLOBAL | Cartesian | 21.38496 | 3.65 | 9.93706 | No | 21.38496 | 3.65 | 9.93706 |
| 36177 | GLOBAL | Cartesian | 21.59745 | 3.65 | 10.27954 | No | 21.59745 | 3.65 | 10.27954 |
| 36178 | GLOBAL | Cartesian | 21.51157 | 3.65 | 10.21574 | No | 21.51157 | 3.65 | 10.21574 |
| 36179 | GLOBAL | Cartesian | 21.42569 | 3.65 | 10.15195 | No | 21.42569 | 3.65 | 10.15195 |
| 36180 | GLOBAL | Cartesian | 21.33982 | 3.65 | 10.08815 | No | 21.33982 | 3.65 | 10.08815 |
| 36181 | GLOBAL | Cartesian | 21.25394 | 3.65 | 10.02435 | No | 21.25394 | 3.65 | 10.02435 |
| 36182 | GLOBAL | Cartesian | 21.35627 | 3.65 | 10.31661 | No | 21.35627 | 3.65 | 10.31661 |
| 36183 | GLOBAL | Cartesian | 21.27849 | 3.65 | 10.24829 | No | 21.27849 | 3.65 | 10.24829 |
| 36184 | GLOBAL | Cartesian | 21.20071 | 3.65 | 10.17996 | No | 21.20071 | 3.65 | 10.17996 |
| 36185 | GLOBAL | Cartesian | 20.54961 | 3.65 | 8.92212 | No | 20.54961 | 3.65 | 8.92212 |
| 36186 | GLOBAL | Cartesian | 20.38854 | 3.65 | 8.91274 | No | 20.38854 | 3.65 | 8.91274 |
| 36187 | GLOBAL | Cartesian | 20.22748 | 3.65 | 8.90336 | No | 20.22748 | 3.65 | 8.90336 |
| 36188 | GLOBAL | Cartesian | 20.06641 | 3.65 | 8.89398 | No | 20.06641 | 3.65 | 8.89398 |
| 36189 | GLOBAL | Cartesian | 19.90534 | 3.65 | 8.8846 | No | 19.90534 | 3.65 | 8.8846 |
| 36190 | GLOBAL | Cartesian | 19.74427 | 3.65 | 8.87522 | No | 19.74427 | 3.65 | 8.87522 |
| 36191 | GLOBAL | Cartesian | 20.37684 | 3.65 | 9.01973 | No | 20.37684 | 3.65 | 9.01973 |
| 36192 | GLOBAL | Cartesian | 20.2233 | 3.65 | 9.00687 | No | 20.2233 | 3.65 | 9.00687 |
| 36193 | GLOBAL | Cartesian | 20.06977 | 3.65 | 8.99402 | No | 20.06977 | 3.65 | 8.99402 |
| 36194 | GLOBAL | Cartesian | 19.91623 | 3.65 | 8.98116 | No | 19.91623 | 3.65 | 8.98116 |
| 36195 | GLOBAL | Cartesian | 19.7627 | 3.65 | 8.96831 | No | 19.7627 | 3.65 | 8.96831 |
| 36196 | GLOBAL | Cartesian | 19.60916 | 3.65 | 8.95545 | No | 19.60916 | 3.65 | 8.95545 |
| 36197 | GLOBAL | Cartesian | 20.20407 | 3.65 | 9.11733 | No | 20.20407 | 3.65 | 9.11733 |
| 36198 | GLOBAL | Cartesian | 20.05806 | 3.65 | 9.101 | No | 20.05806 | 3.65 | 9.101 |
| 36199 | GLOBAL | Cartesian | 19.91206 | 3.65 | 9.08467 | No | 19.91206 | 3.65 | 9.08467 |
| 36200 | GLOBAL | Cartesian | 19.76605 | 3.65 | 9.06834 | No | 19.76605 | 3.65 | 9.06834 |
| 36201 | GLOBAL | Cartesian | 19.62005 | 3.65 | 9.05202 | No | 19.62005 | 3.65 | 9.05202 |
| 36202 | GLOBAL | Cartesian | 19.47405 | 3.65 | 9.03569 | No | 19.47405 | 3.65 | 9.03569 |
| 36203 | GLOBAL | Cartesian | 20.03129 | 3.65 | 9.21493 | No | 20.03129 | 3.65 | 9.21493 |
| 36204 | GLOBAL | Cartesian | 19.89282 | 3.65 | 9.19513 | No | 19.89282 | 3.65 | 9.19513 |
| 36205 | GLOBAL | Cartesian | 19.75435 | 3.65 | 9.17533 | No | 19.75435 | 3.65 | 9.17533 |
| 36206 | GLOBAL | Cartesian | 19.61588 | 3.65 | 9.15553 | No | 19.61588 | 3.65 | 9.15553 |
| 36207 | GLOBAL | Cartesian | 19.47741 | 3.65 | 9.13572 | No | 19.47741 | 3.65 | 9.13572 |
| 36208 | GLOBAL | Cartesian | 19.33893 | 3.65 | 9.11592 | No | 19.33893 | 3.65 | 9.11592 |
| 36209 | GLOBAL | Cartesian | 19.85852 | 3.65 | 9.31254 | No | 19.85852 | 3.65 | 9.31254 |
| 36210 | GLOBAL | Cartesian | 19.72758 | 3.65 | 9.28926 | No | 19.72758 | 3.65 | 9.28926 |
| 36211 | GLOBAL | Cartesian | 19.59664 | 3.65 | 9.26598 | No | 19.59664 | 3.65 | 9.26598 |
| 36212 | GLOBAL | Cartesian | 19.4657 | 3.65 | 9.24271 | No | 19.4657 | 3.65 | 9.24271 |
| 36213 | GLOBAL | Cartesian | 19.33476 | 3.65 | 9.21943 | No | 19.33476 | 3.65 | 9.21943 |
| 36214 | GLOBAL | Cartesian | 19.20382 | 3.65 | 9.19616 | No | 19.20382 | 3.65 | 9.19616 |
| 36215 | GLOBAL | Cartesian | 19.68575 | 3.65 | 9.41014 | No | 19.68575 | 3.65 | 9.41014 |
| 36216 | GLOBAL | Cartesian | 19.56234 | 3.65 | 9.38339 | No | 19.56234 | 3.65 | 9.38339 |
| 36217 | GLOBAL | Cartesian | 19.43893 | 3.65 | 9.35664 | No | 19.43893 | 3.65 | 9.35664 |
| 36218 | GLOBAL | Cartesian | 19.31552 | 3.65 | 9.32989 | No | 19.31552 | 3.65 | 9.32989 |
| 36219 | GLOBAL | Cartesian | 19.19212 | 3.65 | 9.30314 | No | 19.19212 | 3.65 | 9.30314 |
| 36220 | GLOBAL | Cartesian | 19.06871 | 3.65 | 9.27639 | No | 19.06871 | 3.65 | 9.27639 |
| 36221 | GLOBAL | Cartesian | 19.51298 | 3.65 | 9.50774 | No | 19.51298 | 3.65 | 9.50774 |
| 36222 | GLOBAL | Cartesian | 19.3971 | 3.65 | 9.47752 | No | 19.3971 | 3.65 | 9.47752 |
| 36223 | GLOBAL | Cartesian | 19.28122 | 3.65 | 9.4473 | No | 19.28122 | 3.65 | 9.4473 |
| 36224 | GLOBAL | Cartesian | 19.16535 | 3.65 | 9.41707 | No | 19.16535 | 3.65 | 9.41707 |
| 36225 | GLOBAL | Cartesian | 19.04947 | 3.65 | 9.38685 | No | 19.04947 | 3.65 | 9.38685 |
| 36226 | GLOBAL | Cartesian | 18.9336 | 3.65 | 9.35662 | No | 18.9336 | 3.65 | 9.35662 |
| 36227 | GLOBAL | Cartesian | 19.3402 | 3.65 | 9.60535 | No | 19.3402 | 3.65 | 9.60535 |
| 36228 | GLOBAL | Cartesian | 19.23186 | 3.65 | 9.57165 | No | 19.23186 | 3.65 | 9.57165 |
| 36229 | GLOBAL | Cartesian | 19.12352 | 3.65 | 9.53795 | No | 19.12352 | 3.65 | 9.53795 |
| 36230 | GLOBAL | Cartesian | 19.01517 | 3.65 | 9.50425 | No | 19.01517 | 3.65 | 9.50425 |
| 36231 | GLOBAL | Cartesian | 18.90683 | 3.65 | 9.47055 | No | 18.90683 | 3.65 | 9.47055 |
| 36232 | GLOBAL | Cartesian | 18.79848 | 3.65 | 9.43686 | No | 18.79848 | 3.65 | 9.43686 |
| 36233 | GLOBAL | Cartesian | 19.16743 | 3.65 | 9.70295 | No | 19.16743 | 3.65 | 9.70295 |
| 36234 | GLOBAL | Cartesian | 19.06662 | 3.65 | 9.66578 | No | 19.06662 | 3.65 | 9.66578 |
| 36235 | GLOBAL | Cartesian | 18.96581 | 3.65 | 9.62861 | No | 18.96581 | 3.65 | 9.62861 |
| 36236 | GLOBAL | Cartesian | 18.86499 | 3.65 | 9.59143 | No | 18.86499 | 3.65 | 9.59143 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36237 | GLOBAL | Cartesian | 18.76418 | 3.65 | 9.55426 | No | 18.76418 | 3.65 | 9.55426 |
| 36238 | GLOBAL | Cartesian | 18.66337 | 3.65 | 9.51709 | No | 18.66337 | 3.65 | 9.51709 |
| 36239 | GLOBAL | Cartesian | 18.99466 | 3.65 | 9.80055 | No | 18.99466 | 3.65 | 9.80055 |
| 36240 | GLOBAL | Cartesian | 18.90138 | 3.65 | 9.75991 | No | 18.90138 | 3.65 | 9.75991 |
| 36241 | GLOBAL | Cartesian | 18.8081 | 3.65 | 9.71926 | No | 18.8081 | 3.65 | 9.71926 |
| 36242 | GLOBAL | Cartesian | 18.71482 | 3.65 | 9.67862 | No | 18.71482 | 3.65 | 9.67862 |
| 36243 | GLOBAL | Cartesian | 18.62154 | 3.65 | 9.63797 | No | 18.62154 | 3.65 | 9.63797 |
| 36244 | GLOBAL | Cartesian | 18.52826 | 3.65 | 9.59732 | No | 18.52826 | 3.65 | 9.59732 |
| 36245 | GLOBAL | Cartesian | 18.82189 | 3.65 | 9.89816 | No | 18.82189 | 3.65 | 9.89816 |
| 36246 | GLOBAL | Cartesian | 18.73614 | 3.65 | 9.85404 | No | 18.73614 | 3.65 | 9.85404 |
| 36247 | GLOBAL | Cartesian | 18.65039 | 3.65 | 9.80992 | No | 18.65039 | 3.65 | 9.80992 |
| 36248 | GLOBAL | Cartesian | 18.56464 | 3.65 | 9.7658 | No | 18.56464 | 3.65 | 9.7658 |
| 36249 | GLOBAL | Cartesian | 18.47889 | 3.65 | 9.72168 | No | 18.47889 | 3.65 | 9.72168 |
| 36250 | GLOBAL | Cartesian | 18.39314 | 3.65 | 9.67756 | No | 18.39314 | 3.65 | 9.67756 |
| 36251 | GLOBAL | Cartesian | 18.64911 | 3.65 | 9.99576 | No | 18.64911 | 3.65 | 9.99576 |
| 36252 | GLOBAL | Cartesian | 18.5709 | 3.65 | 9.94817 | No | 18.5709 | 3.65 | 9.94817 |
| 36253 | GLOBAL | Cartesian | 18.49268 | 3.65 | 9.90057 | No | 18.49268 | 3.65 | 9.90057 |
| 36254 | GLOBAL | Cartesian | 18.41446 | 3.65 | 9.85298 | No | 18.41446 | 3.65 | 9.85298 |
| 36255 | GLOBAL | Cartesian | 18.33625 | 3.65 | 9.80539 | No | 18.33625 | 3.65 | 9.80539 |
| 36256 | GLOBAL | Cartesian | 18.25803 | 3.65 | 9.75779 | No | 18.25803 | 3.65 | 9.75779 |
| 36257 | GLOBAL | Cartesian | 18.40566 | 3.65 | 10.0423 | No | 18.40566 | 3.65 | 10.0423 |
| 36258 | GLOBAL | Cartesian | 18.33497 | 3.65 | 9.99123 | No | 18.33497 | 3.65 | 9.99123 |
| 36259 | GLOBAL | Cartesian | 18.26429 | 3.65 | 9.94016 | No | 18.26429 | 3.65 | 9.94016 |
| 36260 | GLOBAL | Cartesian | 18.1936 | 3.65 | 9.88909 | No | 18.1936 | 3.65 | 9.88909 |
| 36261 | GLOBAL | Cartesian | 17.55326 | 3.65 | 8.79609 | No | 17.55326 | 3.65 | 8.79609 |
| 36262 | GLOBAL | Cartesian | 17.37492 | 3.65 | 8.78475 | No | 17.37492 | 3.65 | 8.78475 |
| 36263 | GLOBAL | Cartesian | 17.19657 | 3.65 | 8.77341 | No | 17.19657 | 3.65 | 8.77341 |
| 36264 | GLOBAL | Cartesian | 17.01823 | 3.65 | 8.76206 | No | 17.01823 | 3.65 | 8.76206 |
| 36265 | GLOBAL | Cartesian | 16.83988 | 3.65 | 8.75072 | No | 16.83988 | 3.65 | 8.75072 |
| 36266 | GLOBAL | Cartesian | 16.66154 | 3.65 | 8.73937 | No | 16.66154 | 3.65 | 8.73937 |
| 36267 | GLOBAL | Cartesian | 17.38381 | 3.65 | 8.87991 | No | 17.38381 | 3.65 | 8.87991 |
| 36268 | GLOBAL | Cartesian | 17.21371 | 3.65 | 8.86548 | No | 17.21371 | 3.65 | 8.86548 |
| 36269 | GLOBAL | Cartesian | 17.04361 | 3.65 | 8.85106 | No | 17.04361 | 3.65 | 8.85106 |
| 36270 | GLOBAL | Cartesian | 16.87352 | 3.65 | 8.83663 | No | 16.87352 | 3.65 | 8.83663 |
| 36271 | GLOBAL | Cartesian | 16.70342 | 3.65 | 8.82221 | No | 16.70342 | 3.65 | 8.82221 |
| 36272 | GLOBAL | Cartesian | 16.53332 | 3.65 | 8.80778 | No | 16.53332 | 3.65 | 8.80778 |
| 36273 | GLOBAL | Cartesian | 17.21435 | 3.65 | 8.96373 | No | 17.21435 | 3.65 | 8.96373 |
| 36274 | GLOBAL | Cartesian | 17.0525 | 3.65 | 8.94622 | No | 17.0525 | 3.65 | 8.94622 |
| 36275 | GLOBAL | Cartesian | 16.89065 | 3.65 | 8.92871 | No | 16.89065 | 3.65 | 8.92871 |
| 36276 | GLOBAL | Cartesian | 16.7288 | 3.65 | 8.91121 | No | 16.7288 | 3.65 | 8.91121 |
| 36277 | GLOBAL | Cartesian | 16.56695 | 3.65 | 8.8937 | No | 16.56695 | 3.65 | 8.8937 |
| 36278 | GLOBAL | Cartesian | 16.4051 | 3.65 | 8.87619 | No | 16.4051 | 3.65 | 8.87619 |
| 36279 | GLOBAL | Cartesian | 17.0449 | 3.65 | 9.04755 | No | 17.0449 | 3.65 | 9.04755 |
| 36280 | GLOBAL | Cartesian | 16.89129 | 3.65 | 9.02696 | No | 16.89129 | 3.65 | 9.02696 |
| 36281 | GLOBAL | Cartesian | 16.73769 | 3.65 | 9.00637 | No | 16.73769 | 3.65 | 9.00637 |
| 36282 | GLOBAL | Cartesian | 16.58409 | 3.65 | 8.98578 | No | 16.58409 | 3.65 | 8.98578 |
| 36283 | GLOBAL | Cartesian | 16.43049 | 3.65 | 8.96519 | No | 16.43049 | 3.65 | 8.96519 |
| 36284 | GLOBAL | Cartesian | 16.27689 | 3.65 | 8.9446 | No | 16.27689 | 3.65 | 8.9446 |
| 36285 | GLOBAL | Cartesian | 16.87544 | 3.65 | 9.13136 | No | 16.87544 | 3.65 | 9.13136 |
| 36286 | GLOBAL | Cartesian | 16.73008 | 3.65 | 9.10769 | No | 16.73008 | 3.65 | 9.10769 |
| 36287 | GLOBAL | Cartesian | 16.58473 | 3.65 | 9.08402 | No | 16.58473 | 3.65 | 9.08402 |
| 36288 | GLOBAL | Cartesian | 16.43938 | 3.65 | 9.06035 | No | 16.43938 | 3.65 | 9.06035 |
| 36289 | GLOBAL | Cartesian | 16.29402 | 3.65 | 9.03668 | No | 16.29402 | 3.65 | 9.03668 |
| 36290 | GLOBAL | Cartesian | 16.14867 | 3.65 | 9.01301 | No | 16.14867 | 3.65 | 9.01301 |
| 36291 | GLOBAL | Cartesian | 16.70598 | 3.65 | 9.21518 | No | 16.70598 | 3.65 | 9.21518 |
| 36292 | GLOBAL | Cartesian | 16.56888 | 3.65 | 9.18843 | No | 16.56888 | 3.65 | 9.18843 |
| 36293 | GLOBAL | Cartesian | 16.43177 | 3.65 | 9.16167 | No | 16.43177 | 3.65 | 9.16167 |
| 36294 | GLOBAL | Cartesian | 16.29466 | 3.65 | 9.13492 | No | 16.29466 | 3.65 | 9.13492 |
| 36295 | GLOBAL | Cartesian | 16.15756 | 3.65 | 9.10817 | No | 16.15756 | 3.65 | 9.10817 |
| 36296 | GLOBAL | Cartesian | 16.02045 | 3.65 | 9.08141 | No | 16.02045 | 3.65 | 9.08141 |
| 36297 | GLOBAL | Cartesian | 16.53653 | 3.65 | 9.299 | No | 16.53653 | 3.65 | 9.299 |
| 36298 | GLOBAL | Cartesian | 16.40767 | 3.65 | 9.26916 | No | 16.40767 | 3.65 | 9.26916 |
| 36299 | GLOBAL | Cartesian | 16.27881 | 3.65 | 9.23933 | No | 16.27881 | 3.65 | 9.23933 |
| 36300 | GLOBAL | Cartesian | 16.14995 | 3.65 | 9.20949 | No | 16.14995 | 3.65 | 9.20949 |
| 36301 | GLOBAL | Cartesian | 16.02109 | 3.65 | 9.17966 | No | 16.02109 | 3.65 | 9.17966 |
| 36302 | GLOBAL | Cartesian | 15.89223 | 3.65 | 9.14982 | No | 15.89223 | 3.65 | 9.14982 |
| 36303 | GLOBAL | Cartesian | 16.36707 | 3.65 | 9.38281 | No | 16.36707 | 3.65 | 9.38281 |
| 36304 | GLOBAL | Cartesian | 16.24646 | 3.65 | 9.3499 | No | 16.24646 | 3.65 | 9.3499 |
| 36305 | GLOBAL | Cartesian | 16.12585 | 3.65 | 9.31698 | No | 16.12585 | 3.65 | 9.31698 |
| 36306 | GLOBAL | Cartesian | 16.00524 | 3.65 | 9.28406 | No | 16.00524 | 3.65 | 9.28406 |
| 36307 | GLOBAL | Cartesian | 15.88462 | 3.65 | 9.25115 | No | 15.88462 | 3.65 | 9.25115 |
| 36308 | GLOBAL | Cartesian | 15.76401 | 3.65 | 9.21823 | No | 15.76401 | 3.65 | 9.21823 |
| 36309 | GLOBAL | Cartesian | 16.19761 | 3.65 | 9.46663 | No | 16.19761 | 3.65 | 9.46663 |
| 36310 | GLOBAL | Cartesian | 16.08525 | 3.65 | 9.43063 | No | 16.08525 | 3.65 | 9.43063 |
| 36311 | GLOBAL | Cartesian | 15.97289 | 3.65 | 9.39463 | No | 15.97289 | 3.65 | 9.39463 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36312 | GLOBAL | Cartesian | 15.86052 | 3.65 | 9.35864 | No | 15.86052 | 3.65 | 9.35864 |
| 36313 | GLOBAL | Cartesian | 15.74816 | 3.65 | 9.32264 | No | 15.74816 | 3.65 | 9.32264 |
| 36314 | GLOBAL | Cartesian | 15.63579 | 3.65 | 9.28664 | No | 15.63579 | 3.65 | 9.28664 |
| 36315 | GLOBAL | Cartesian | 16.02816 | 3.65 | 9.55045 | No | 16.02816 | 3.65 | 9.55045 |
| 36316 | GLOBAL | Cartesian | 15.92404 | 3.65 | 9.51137 | No | 15.92404 | 3.65 | 9.51137 |
| 36317 | GLOBAL | Cartesian | 15.81992 | 3.65 | 9.47229 | No | 15.81992 | 3.65 | 9.47229 |
| 36318 | GLOBAL | Cartesian | 15.71581 | 3.65 | 9.43321 | No | 15.71581 | 3.65 | 9.43321 |
| 36319 | GLOBAL | Cartesian | 15.61169 | 3.65 | 9.39413 | No | 15.61169 | 3.65 | 9.39413 |
| 36320 | GLOBAL | Cartesian | 15.50758 | 3.65 | 9.35505 | No | 15.50758 | 3.65 | 9.35505 |
| 36321 | GLOBAL | Cartesian | 15.8587 | 3.65 | 9.63427 | No | 15.8587 | 3.65 | 9.63427 |
| 36322 | GLOBAL | Cartesian | 15.76283 | 3.65 | 9.5921 | No | 15.76283 | 3.65 | 9.5921 |
| 36323 | GLOBAL | Cartesian | 15.66696 | 3.65 | 9.54994 | No | 15.66696 | 3.65 | 9.54994 |
| 36324 | GLOBAL | Cartesian | 15.57109 | 3.65 | 9.50778 | No | 15.57109 | 3.65 | 9.50778 |
| 36325 | GLOBAL | Cartesian | 15.47523 | 3.65 | 9.46562 | No | 15.47523 | 3.65 | 9.46562 |
| 36326 | GLOBAL | Cartesian | 15.37936 | 3.65 | 9.42345 | No | 15.37936 | 3.65 | 9.42345 |
| 36327 | GLOBAL | Cartesian | 15.68924 | 3.65 | 9.71808 | No | 15.68924 | 3.65 | 9.71808 |
| 36328 | GLOBAL | Cartesian | 15.60162 | 3.65 | 9.67284 | No | 15.60162 | 3.65 | 9.67284 |
| 36329 | GLOBAL | Cartesian | 15.514 | 3.65 | 9.6276 | No | 15.514 | 3.65 | 9.6276 |
| 36330 | GLOBAL | Cartesian | 15.42638 | 3.65 | 9.58235 | No | 15.42638 | 3.65 | 9.58235 |
| 36331 | GLOBAL | Cartesian | 15.33876 | 3.65 | 9.53711 | No | 15.33876 | 3.65 | 9.53711 |
| 36332 | GLOBAL | Cartesian | 15.25114 | 3.65 | 9.49186 | No | 15.25114 | 3.65 | 9.49186 |
| 36333 | GLOBAL | Cartesian | 15.44041 | 3.65 | 9.75358 | No | 15.44041 | 3.65 | 9.75358 |
| 36334 | GLOBAL | Cartesian | 15.36104 | 3.65 | 9.70525 | No | 15.36104 | 3.65 | 9.70525 |
| 36335 | GLOBAL | Cartesian | 15.28167 | 3.65 | 9.65692 | No | 15.28167 | 3.65 | 9.65692 |
| 36336 | GLOBAL | Cartesian | 15.20229 | 3.65 | 9.6086 | No | 15.20229 | 3.65 | 9.6086 |
| 36337 | GLOBAL | Cartesian | 15.25521 | 3.65 | 9.70832 | No | 15.25521 | 3.65 | 9.70832 |
| 36338 | GLOBAL | Cartesian | 15.18907 | 3.65 | 9.63429 | No | 15.18907 | 3.65 | 9.63429 |
| 36339 | GLOBAL | Cartesian | 15.25521 | 3.65 | 9.64081 | No | 15.25521 | 3.65 | 9.64081 |
| 36340 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.69528 | No | 15.12292 | 3.65 | 9.69528 |
| 36341 | GLOBAL | Cartesian | 15.12292 | 3.65 | 9.62777 | No | 15.12292 | 3.65 | 9.62777 |
| 36342 | GLOBAL | Cartesian | 18.29963 | 3.65 | 10.07594 | No | 18.29963 | 3.65 | 10.07594 |
| 36343 | GLOBAL | Cartesian | 18.24073 | 3.65 | 9.99664 | No | 18.24073 | 3.65 | 9.99664 |
| 36344 | GLOBAL | Cartesian | 18.18182 | 3.65 | 9.91733 | No | 18.18182 | 3.65 | 9.91733 |
| 36345 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.98502 | No | 18.12292 | 3.65 | 9.98502 |
| 36346 | GLOBAL | Cartesian | 18.12292 | 3.65 | 9.91153 | No | 18.12292 | 3.65 | 9.91153 |
| 36347 | GLOBAL | Cartesian | 21.22663 | 3.65 | 10.28362 | No | 21.22663 | 3.65 | 10.28362 |
| 36348 | GLOBAL | Cartesian | 21.17478 | 3.65 | 10.19762 | No | 21.17478 | 3.65 | 10.19762 |
| 36349 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.27339 | No | 21.12293 | 3.65 | 10.27339 |
| 36350 | GLOBAL | Cartesian | 21.12293 | 3.65 | 10.19251 | No | 21.12293 | 3.65 | 10.19251 |
| 36351 | GLOBAL | Cartesian | 24.25963 | 3.65 | 10.66349 | No | 24.25963 | 3.65 | 10.66349 |
| 36352 | GLOBAL | Cartesian | 24.21399 | 3.65 | 10.56974 | No | 24.21399 | 3.65 | 10.56974 |
| 36353 | GLOBAL | Cartesian | 24.16836 | 3.65 | 10.47598 | No | 24.16836 | 3.65 | 10.47598 |
| 36354 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.56074 | No | 24.12272 | 3.65 | 10.56074 |
| 36355 | GLOBAL | Cartesian | 24.12272 | 3.65 | 10.47148 | No | 24.12272 | 3.65 | 10.47148 |
| 36356 | GLOBAL | Cartesian | 30.36474 | 3.65 | 11.23333 | No | 30.36474 | 3.65 | 11.23333 |
| 36357 | GLOBAL | Cartesian | 30.24373 | 3.65 | 11.15505 | No | 30.24373 | 3.65 | 11.15505 |
| 36358 | GLOBAL | Cartesian | 30.12272 | 3.65 | 11.07677 | No | 30.12272 | 3.65 | 11.07677 |
| 36359 | GLOBAL | Cartesian | 30.22823 | 3.65 | 11.25189 | No | 30.22823 | 3.65 | 11.25189 |
| 36360 | GLOBAL | Cartesian | 31.29435 | 3.65 | 10.36512 | No | 31.29435 | 3.65 | 10.36512 |
| 36361 | GLOBAL | Cartesian | 31.19751 | 3.65 | 10.27312 | No | 31.19751 | 3.65 | 10.27312 |
| 36362 | GLOBAL | Cartesian | 31.32505 | 3.65 | 10.154 | No | 31.32505 | 3.65 | 10.154 |
| 36363 | GLOBAL | Cartesian | 31.10067 | 3.65 | 10.18112 | No | 31.10067 | 3.65 | 10.18112 |
| 36364 | GLOBAL | Cartesian | 31.22738 | 3.65 | 10.06278 | No | 31.22738 | 3.65 | 10.06278 |
| 36365 | GLOBAL | Cartesian | 31.00383 | 3.65 | 10.08912 | No | 31.00383 | 3.65 | 10.08912 |
| 36366 | GLOBAL | Cartesian | 31.16598 | 3.65 | 10.48501 | No | 31.16598 | 3.65 | 10.48501 |
| 36367 | GLOBAL | Cartesian | 31.06997 | 3.65 | 10.39223 | No | 31.06997 | 3.65 | 10.39223 |
| 36368 | GLOBAL | Cartesian | 30.97397 | 3.65 | 10.29946 | No | 30.97397 | 3.65 | 10.29946 |
| 36369 | GLOBAL | Cartesian | 30.87796 | 3.65 | 10.20668 | No | 30.87796 | 3.65 | 10.20668 |
| 36370 | GLOBAL | Cartesian | 31.03761 | 3.65 | 10.6049 | No | 31.03761 | 3.65 | 10.6049 |
| 36371 | GLOBAL | Cartesian | 30.94243 | 3.65 | 10.51135 | No | 30.94243 | 3.65 | 10.51135 |
| 36372 | GLOBAL | Cartesian | 30.84726 | 3.65 | 10.4178 | No | 30.84726 | 3.65 | 10.4178 |
| 36373 | GLOBAL | Cartesian | 30.75209 | 3.65 | 10.32424 | No | 30.75209 | 3.65 | 10.32424 |
| 36374 | GLOBAL | Cartesian | 30.90923 | 3.65 | 10.7248 | No | 30.90923 | 3.65 | 10.7248 |
| 36375 | GLOBAL | Cartesian | 30.81489 | 3.65 | 10.63047 | No | 30.81489 | 3.65 | 10.63047 |
| 36376 | GLOBAL | Cartesian | 30.72055 | 3.65 | 10.53613 | No | 30.72055 | 3.65 | 10.53613 |
| 36377 | GLOBAL | Cartesian | 30.62621 | 3.65 | 10.4418 | No | 30.62621 | 3.65 | 10.4418 |
| 36378 | GLOBAL | Cartesian | 30.78086 | 3.65 | 10.84469 | No | 30.78086 | 3.65 | 10.84469 |
| 36379 | GLOBAL | Cartesian | 30.68736 | 3.65 | 10.74958 | No | 30.68736 | 3.65 | 10.74958 |
| 36380 | GLOBAL | Cartesian | 30.59385 | 3.65 | 10.65447 | No | 30.59385 | 3.65 | 10.65447 |
| 36381 | GLOBAL | Cartesian | 30.50034 | 3.65 | 10.55936 | No | 30.50034 | 3.65 | 10.55936 |
| 36382 | GLOBAL | Cartesian | 30.65249 | 3.65 | 10.96459 | No | 30.65249 | 3.65 | 10.96459 |
| 36383 | GLOBAL | Cartesian | 30.55982 | 3.65 | 10.8687 | No | 30.55982 | 3.65 | 10.8687 |
| 36384 | GLOBAL | Cartesian | 30.46714 | 3.65 | 10.77281 | No | 30.46714 | 3.65 | 10.77281 |
| 36385 | GLOBAL | Cartesian | 30.37447 | 3.65 | 10.67692 | No | 30.37447 | 3.65 | 10.67692 |
| 36386 | GLOBAL | Cartesian | 30.52412 | 3.65 | 11.08448 | No | 30.52412 | 3.65 | 11.08448 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36387 | GLOBAL | Cartesian | 30.43228 | 3.65 | 10.98782 | No | 30.43228 | 3.65 | 10.98782 |
| 36388 | GLOBAL | Cartesian | 30.34044 | 3.65 | 10.89115 | No | 30.34044 | 3.65 | 10.89115 |
| 36389 | GLOBAL | Cartesian | 30.24859 | 3.65 | 10.79448 | No | 30.24859 | 3.65 | 10.79448 |
| 36390 | GLOBAL | Cartesian | 30.30474 | 3.65 | 11.10693 | No | 30.30474 | 3.65 | 11.10693 |
| 36391 | GLOBAL | Cartesian | 30.21373 | 3.65 | 11.00949 | No | 30.21373 | 3.65 | 11.00949 |
| 36392 | GLOBAL | Cartesian | 31.22738 | 3.65 | 9.88034 | No | 31.22738 | 3.65 | 9.88034 |
| 36393 | GLOBAL | Cartesian | 31.29249 | 3.65 | 10.00197 | No | 31.29249 | 3.65 | 10.00197 |
| 36394 | GLOBAL | Cartesian | 31.35761 | 3.65 | 10.12359 | No | 31.35761 | 3.65 | 10.12359 |
| 36395 | GLOBAL | Cartesian | 31.32505 | 3.65 | 9.78912 | No | 31.32505 | 3.65 | 9.78912 |
| 36396 | GLOBAL | Cartesian | 31.35761 | 3.65 | 9.94115 | No | 31.35761 | 3.65 | 9.94115 |
| 36397 | GLOBAL | Cartesian | 31.39016 | 3.65 | 10.09319 | No | 31.39016 | 3.65 | 10.09319 |
| 36398 | GLOBAL | Cartesian | 30.98585 | 3.65 | 9.83319 | No | 30.98585 | 3.65 | 9.83319 |
| 36399 | GLOBAL | Cartesian | 31.09632 | 3.65 | 9.75526 | No | 31.09632 | 3.65 | 9.75526 |
| 36400 | GLOBAL | Cartesian | 31.20678 | 3.65 | 9.67732 | No | 31.20678 | 3.65 | 9.67732 |
| 36401 | GLOBAL | Cartesian | 31.31724 | 3.65 | 9.59939 | No | 31.31724 | 3.65 | 9.59939 |
| 36402 | GLOBAL | Cartesian | 30.842 | 3.65 | 9.69483 | No | 30.842 | 3.65 | 9.69483 |
| 36403 | GLOBAL | Cartesian | 30.96525 | 3.65 | 9.63018 | No | 30.96525 | 3.65 | 9.63018 |
| 36404 | GLOBAL | Cartesian | 31.08851 | 3.65 | 9.56553 | No | 31.08851 | 3.65 | 9.56553 |
| 36405 | GLOBAL | Cartesian | 31.21177 | 3.65 | 9.50087 | No | 31.21177 | 3.65 | 9.50087 |
| 36406 | GLOBAL | Cartesian | 30.69814 | 3.65 | 9.55646 | No | 30.69814 | 3.65 | 9.55646 |
| 36407 | GLOBAL | Cartesian | 30.83419 | 3.65 | 9.5051 | No | 30.83419 | 3.65 | 9.5051 |
| 36408 | GLOBAL | Cartesian | 30.97024 | 3.65 | 9.45373 | No | 30.97024 | 3.65 | 9.45373 |
| 36409 | GLOBAL | Cartesian | 31.10629 | 3.65 | 9.40236 | No | 31.10629 | 3.65 | 9.40236 |
| 36410 | GLOBAL | Cartesian | 30.55429 | 3.65 | 9.4181 | No | 30.55429 | 3.65 | 9.4181 |
| 36411 | GLOBAL | Cartesian | 30.70313 | 3.65 | 9.38002 | No | 30.70313 | 3.65 | 9.38002 |
| 36412 | GLOBAL | Cartesian | 30.85197 | 3.65 | 9.34193 | No | 30.85197 | 3.65 | 9.34193 |
| 36413 | GLOBAL | Cartesian | 31.00082 | 3.65 | 9.30385 | No | 31.00082 | 3.65 | 9.30385 |
| 36414 | GLOBAL | Cartesian | 30.41043 | 3.65 | 9.27973 | No | 30.41043 | 3.65 | 9.27973 |
| 36415 | GLOBAL | Cartesian | 30.57207 | 3.65 | 9.25494 | No | 30.57207 | 3.65 | 9.25494 |
| 36416 | GLOBAL | Cartesian | 30.7337 | 3.65 | 9.23014 | No | 30.7337 | 3.65 | 9.23014 |
| 36417 | GLOBAL | Cartesian | 30.89534 | 3.65 | 9.20534 | No | 30.89534 | 3.65 | 9.20534 |
| 36418 | GLOBAL | Cartesian | 30.26658 | 3.65 | 9.14137 | No | 30.26658 | 3.65 | 9.14137 |
| 36419 | GLOBAL | Cartesian | 30.44101 | 3.65 | 9.12985 | No | 30.44101 | 3.65 | 9.12985 |
| 36420 | GLOBAL | Cartesian | 30.61543 | 3.65 | 9.11834 | No | 30.61543 | 3.65 | 9.11834 |
| 36421 | GLOBAL | Cartesian | 30.78986 | 3.65 | 9.10683 | No | 30.78986 | 3.65 | 9.10683 |
| 36422 | GLOBAL | Cartesian | 30.30994 | 3.65 | 9.00477 | No | 30.30994 | 3.65 | 9.00477 |
| 36423 | GLOBAL | Cartesian | 30.49717 | 3.65 | 9.00655 | No | 30.49717 | 3.65 | 9.00655 |
| 36424 | GLOBAL | Cartesian | 30.31051 | 3.65 | 8.82554 | No | 30.31051 | 3.65 | 8.82554 |
| 36425 | GLOBAL | Cartesian | 30.4983 | 3.65 | 8.82687 | No | 30.4983 | 3.65 | 8.82687 |
| 36426 | GLOBAL | Cartesian | 30.68609 | 3.65 | 8.8282 | No | 30.68609 | 3.65 | 8.8282 |
| 36427 | GLOBAL | Cartesian | 30.31108 | 3.65 | 8.64631 | No | 30.31108 | 3.65 | 8.64631 |
| 36428 | GLOBAL | Cartesian | 30.49944 | 3.65 | 8.6472 | No | 30.49944 | 3.65 | 8.6472 |
| 36429 | GLOBAL | Cartesian | 30.6878 | 3.65 | 8.64808 | No | 30.6878 | 3.65 | 8.64808 |
| 36430 | GLOBAL | Cartesian | 30.31165 | 3.65 | 8.46708 | No | 30.31165 | 3.65 | 8.46708 |
| 36431 | GLOBAL | Cartesian | 30.50058 | 3.65 | 8.46752 | No | 30.50058 | 3.65 | 8.46752 |
| 36432 | GLOBAL | Cartesian | 30.68951 | 3.65 | 8.46796 | No | 30.68951 | 3.65 | 8.46796 |
| 36433 | GLOBAL | Cartesian | 30.31222 | 3.65 | 8.28784 | No | 30.31222 | 3.65 | 8.28784 |
| 36434 | GLOBAL | Cartesian | 30.50172 | 3.65 | 8.28784 | No | 30.50172 | 3.65 | 8.28784 |
| 36435 | GLOBAL | Cartesian | 30.87025 | 3.65 | 8.282 | No | 30.87025 | 3.65 | 8.282 |
| 36436 | GLOBAL | Cartesian | 30.86897 | 3.65 | 9.00832 | No | 30.86897 | 3.65 | 9.00832 |
| 36437 | GLOBAL | Cartesian | 31.05441 | 3.65 | 8.282 | No | 31.05441 | 3.65 | 8.282 |
| 36438 | GLOBAL | Cartesian | 31.05355 | 3.65 | 9.00832 | No | 31.05355 | 3.65 | 9.00832 |
| 36439 | GLOBAL | Cartesian | 31.23856 | 3.65 | 8.282 | No | 31.23856 | 3.65 | 8.282 |
| 36440 | GLOBAL | Cartesian | 31.23814 | 3.65 | 9.00832 | No | 31.23814 | 3.65 | 9.00832 |
| 36441 | GLOBAL | Cartesian | 30.87153 | 3.65 | 8.64808 | No | 30.87153 | 3.65 | 8.64808 |
| 36442 | GLOBAL | Cartesian | 31.05526 | 3.65 | 8.64808 | No | 31.05526 | 3.65 | 8.64808 |
| 36443 | GLOBAL | Cartesian | 31.23899 | 3.65 | 8.64808 | No | 31.23899 | 3.65 | 8.64808 |
| 36444 | GLOBAL | Cartesian | 30.87281 | 3.65 | 8.46796 | No | 30.87281 | 3.65 | 8.46796 |
| 36445 | GLOBAL | Cartesian | 31.05611 | 3.65 | 8.46796 | No | 31.05611 | 3.65 | 8.46796 |
| 36446 | GLOBAL | Cartesian | 31.23942 | 3.65 | 8.46796 | No | 31.23942 | 3.65 | 8.46796 |
| 36447 | GLOBAL | Cartesian | 30.87409 | 3.65 | 8.28784 | No | 30.87409 | 3.65 | 8.28784 |
| 36448 | GLOBAL | Cartesian | 31.05697 | 3.65 | 8.28784 | No | 31.05697 | 3.65 | 8.28784 |
| 36449 | GLOBAL | Cartesian | 31.23984 | 3.65 | 8.28784 | No | 31.23984 | 3.65 | 8.28784 |
| 36450 | GLOBAL | Cartesian | 30.02272 | 3.65 | 8.8235 | No | 30.02272 | 3.65 | 8.8235 |
| 36451 | GLOBAL | Cartesian | 29.82272 | 3.65 | 8.82186 | No | 29.82272 | 3.65 | 8.82186 |
| 36452 | GLOBAL | Cartesian | 30.02272 | 3.65 | 8.64495 | No | 30.02272 | 3.65 | 8.64495 |
| 36453 | GLOBAL | Cartesian | 29.82272 | 3.65 | 8.64357 | No | 29.82272 | 3.65 | 8.64357 |
| 36454 | GLOBAL | Cartesian | 30.02272 | 3.65 | 8.4664 | No | 30.02272 | 3.65 | 8.4664 |
| 36455 | GLOBAL | Cartesian | 29.82272 | 3.65 | 8.46527 | No | 29.82272 | 3.65 | 8.46527 |
| 36456 | GLOBAL | Cartesian | 30.02272 | 3.65 | 8.28784 | No | 30.02272 | 3.65 | 8.28784 |
| 36457 | GLOBAL | Cartesian | 29.82272 | 3.65 | 8.28697 | No | 29.82272 | 3.65 | 8.28697 |
| 36458 | GLOBAL | Cartesian | 27.0227 | 3.65 | 8.79402 | No | 27.0227 | 3.65 | 8.79402 |
| 36459 | GLOBAL | Cartesian | 27.0227 | 3.65 | 8.61619 | No | 27.0227 | 3.65 | 8.61619 |
| 36460 | GLOBAL | Cartesian | 27.02271 | 3.65 | 8.43836 | No | 27.02271 | 3.65 | 8.43836 |
| 36461 | GLOBAL | Cartesian | 27.02271 | 3.65 | 8.26053 | No | 27.02271 | 3.65 | 8.26053 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36462 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.54778 | No | 11.92272 | 3.65 | 9.54778 |
| 36463 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.26259 | No | 11.92272 | 3.65 | 8.26259 |
| 36464 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.0773 | No | 11.92272 | 3.65 | 8.0773 |
| 36465 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.28073 | No | 11.92272 | 3.65 | 9.28073 |
| 36466 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.11416 | No | 11.92272 | 3.65 | 9.11416 |
| 36467 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.94759 | No | 11.92272 | 3.65 | 8.94759 |
| 36468 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.78102 | No | 11.92272 | 3.65 | 8.78102 |
| 36469 | GLOBAL | Cartesian | 11.92272 | 3.65 | 8.61446 | No | 11.92272 | 3.65 | 8.61446 |
| 36470 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.11402 | No | 8.92272 | 3.65 | 8.11402 |
| 36471 | GLOBAL | Cartesian | 8.92272 | 3.65 | 7.91825 | No | 8.92272 | 3.65 | 7.91825 |
| 36472 | GLOBAL | Cartesian | 11.92272 | 3.65 | 7.892 | No | 11.92272 | 3.65 | 7.892 |
| 36473 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.25203 | No | 8.92272 | 3.65 | 9.25203 |
| 36474 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.01126 | No | 8.92272 | 3.65 | 9.01126 |
| 36475 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.87096 | No | 8.92272 | 3.65 | 8.87096 |
| 36476 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.73067 | No | 8.92272 | 3.65 | 8.73067 |
| 36477 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.59038 | No | 8.92272 | 3.65 | 8.59038 |
| 36478 | GLOBAL | Cartesian | 8.92272 | 3.65 | 8.45009 | No | 8.92272 | 3.65 | 8.45009 |
| 36479 | GLOBAL | Cartesian | 8.92272 | 3.65 | 7.72248 | No | 8.92272 | 3.65 | 7.72248 |
| 36480 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.92553 | No | 14.73522 | 3.65 | 9.92553 |
| 36481 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.82504 | No | 14.73522 | 3.65 | 9.82504 |
| 36482 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.90704 | No | 14.54772 | 3.65 | 9.90704 |
| 36483 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.80656 | No | 14.54772 | 3.65 | 9.80656 |
| 36484 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.88856 | No | 14.36022 | 3.65 | 9.88856 |
| 36485 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.78807 | No | 14.36022 | 3.65 | 9.78807 |
| 36486 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.87007 | No | 14.17272 | 3.65 | 9.87007 |
| 36487 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.76959 | No | 14.17272 | 3.65 | 9.76959 |
| 36488 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.85159 | No | 13.98522 | 3.65 | 9.85159 |
| 36489 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.75111 | No | 13.98522 | 3.65 | 9.75111 |
| 36490 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.83311 | No | 13.79772 | 3.65 | 9.83311 |
| 36491 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.73262 | No | 13.79772 | 3.65 | 9.73262 |
| 36492 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.81462 | No | 13.61022 | 3.65 | 9.81462 |
| 36493 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.71414 | No | 13.61022 | 3.65 | 9.71414 |
| 36494 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.79614 | No | 13.42272 | 3.65 | 9.79614 |
| 36495 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.69565 | No | 13.42272 | 3.65 | 9.69565 |
| 36496 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.77765 | No | 13.23522 | 3.65 | 9.77765 |
| 36497 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.67717 | No | 13.23522 | 3.65 | 9.67717 |
| 36498 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.75917 | No | 13.04772 | 3.65 | 9.75917 |
| 36499 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.65868 | No | 13.04772 | 3.65 | 9.65868 |
| 36500 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.74069 | No | 12.86022 | 3.65 | 9.74069 |
| 36501 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.6402 | No | 12.86022 | 3.65 | 9.6402 |
| 36502 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.7222 | No | 12.67272 | 3.65 | 9.7222 |
| 36503 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.62172 | No | 12.67272 | 3.65 | 9.62172 |
| 36504 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.70372 | No | 12.48522 | 3.65 | 9.70372 |
| 36505 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.60323 | No | 12.48522 | 3.65 | 9.60323 |
| 36506 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.68523 | No | 12.29772 | 3.65 | 9.68523 |
| 36507 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.58475 | No | 12.29772 | 3.65 | 9.58475 |
| 36508 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.66675 | No | 12.11022 | 3.65 | 9.66675 |
| 36509 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.56626 | No | 12.11022 | 3.65 | 9.56626 |
| 36510 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.72456 | No | 14.73522 | 3.65 | 9.72456 |
| 36511 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.70607 | No | 14.54772 | 3.65 | 9.70607 |
| 36512 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.68759 | No | 14.36022 | 3.65 | 9.68759 |
| 36513 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.6691 | No | 14.17272 | 3.65 | 9.6691 |
| 36514 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.65062 | No | 13.98522 | 3.65 | 9.65062 |
| 36515 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.63214 | No | 13.79772 | 3.65 | 9.63214 |
| 36516 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.61365 | No | 13.61022 | 3.65 | 9.61365 |
| 36517 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.59517 | No | 13.42272 | 3.65 | 9.59517 |
| 36518 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.57668 | No | 13.23522 | 3.65 | 9.57668 |
| 36519 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.5582 | No | 13.04772 | 3.65 | 9.5582 |
| 36520 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.53972 | No | 12.86022 | 3.65 | 9.53972 |
| 36521 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.52123 | No | 12.67272 | 3.65 | 9.52123 |
| 36522 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.50275 | No | 12.48522 | 3.65 | 9.50275 |
| 36523 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.48426 | No | 12.29772 | 3.65 | 9.48426 |
| 36524 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.46578 | No | 12.11022 | 3.65 | 9.46578 |
| 36525 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.57735 | No | 14.73522 | 3.65 | 8.57735 |
| 36526 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.39847 | No | 14.73522 | 3.65 | 8.39847 |
| 36527 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.56872 | No | 14.54772 | 3.65 | 8.56872 |
| 36528 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.38941 | No | 14.54772 | 3.65 | 8.38941 |
| 36529 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.56009 | No | 14.36022 | 3.65 | 8.56009 |
| 36530 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.38036 | No | 14.36022 | 3.65 | 8.38036 |
| 36531 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.55146 | No | 14.17272 | 3.65 | 8.55146 |
| 36532 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.3713 | No | 14.17272 | 3.65 | 8.3713 |
| 36533 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.54283 | No | 13.98522 | 3.65 | 8.54283 |
| 36534 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.36224 | No | 13.98522 | 3.65 | 8.36224 |
| 36535 | GLOBAL | Cartesian | 13.79772 | 3.65 | 8.5342 | No | 13.79772 | 3.65 | 8.5342 |
| 36536 | GLOBAL | Cartesian | 13.79772 | 3.65 | 8.35318 | No | 13.79772 | 3.65 | 8.35318 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36537 | GLOBAL | Cartesian | 13.61022 | 3.65 | 8.52557 | No | 13.61022 | 3.65 | 8.52557 |
| 36538 | GLOBAL | Cartesian | 13.61022 | 3.65 | 8.34412 | No | 13.61022 | 3.65 | 8.34412 |
| 36539 | GLOBAL | Cartesian | 13.42272 | 3.65 | 8.51693 | No | 13.42272 | 3.65 | 8.51693 |
| 36540 | GLOBAL | Cartesian | 13.42272 | 3.65 | 8.33506 | No | 13.42272 | 3.65 | 8.33506 |
| 36541 | GLOBAL | Cartesian | 13.23522 | 3.65 | 8.5083 | No | 13.23522 | 3.65 | 8.5083 |
| 36542 | GLOBAL | Cartesian | 13.23522 | 3.65 | 8.326 | No | 13.23522 | 3.65 | 8.326 |
| 36543 | GLOBAL | Cartesian | 13.04772 | 3.65 | 8.49967 | No | 13.04772 | 3.65 | 8.49967 |
| 36544 | GLOBAL | Cartesian | 13.04772 | 3.65 | 8.31694 | No | 13.04772 | 3.65 | 8.31694 |
| 36545 | GLOBAL | Cartesian | 12.86022 | 3.65 | 8.49104 | No | 12.86022 | 3.65 | 8.49104 |
| 36546 | GLOBAL | Cartesian | 12.86022 | 3.65 | 8.30789 | No | 12.86022 | 3.65 | 8.30789 |
| 36547 | GLOBAL | Cartesian | 12.67272 | 3.65 | 8.48241 | No | 12.67272 | 3.65 | 8.48241 |
| 36548 | GLOBAL | Cartesian | 12.67272 | 3.65 | 8.29883 | No | 12.67272 | 3.65 | 8.29883 |
| 36549 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.47378 | No | 12.48522 | 3.65 | 8.47378 |
| 36550 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.28977 | No | 12.48522 | 3.65 | 8.28977 |
| 36551 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.46515 | No | 12.29772 | 3.65 | 8.46515 |
| 36552 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.28071 | No | 12.29772 | 3.65 | 8.28071 |
| 36553 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.45652 | No | 12.11022 | 3.65 | 8.45652 |
| 36554 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.27165 | No | 12.11022 | 3.65 | 8.27165 |
| 36555 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.21959 | No | 14.73522 | 3.65 | 8.21959 |
| 36556 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.21011 | No | 14.54772 | 3.65 | 8.21011 |
| 36557 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.20062 | No | 14.36022 | 3.65 | 8.20062 |
| 36558 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.19113 | No | 14.17272 | 3.65 | 8.19113 |
| 36559 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.18165 | No | 13.98522 | 3.65 | 8.18165 |
| 36560 | GLOBAL | Cartesian | 13.79772 | 3.65 | 8.17216 | No | 13.79772 | 3.65 | 8.17216 |
| 36561 | GLOBAL | Cartesian | 13.61022 | 3.65 | 8.16267 | No | 13.61022 | 3.65 | 8.16267 |
| 36562 | GLOBAL | Cartesian | 13.42272 | 3.65 | 8.15319 | No | 13.42272 | 3.65 | 8.15319 |
| 36563 | GLOBAL | Cartesian | 13.23522 | 3.65 | 8.1437 | No | 13.23522 | 3.65 | 8.1437 |
| 36564 | GLOBAL | Cartesian | 13.04772 | 3.65 | 8.13421 | No | 13.04772 | 3.65 | 8.13421 |
| 36565 | GLOBAL | Cartesian | 12.86022 | 3.65 | 8.12473 | No | 12.86022 | 3.65 | 8.12473 |
| 36566 | GLOBAL | Cartesian | 12.67272 | 3.65 | 8.11524 | No | 12.67272 | 3.65 | 8.11524 |
| 36567 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.10575 | No | 12.48522 | 3.65 | 8.10575 |
| 36568 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.09627 | No | 12.29772 | 3.65 | 8.09627 |
| 36569 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.08678 | No | 12.11022 | 3.65 | 8.08678 |
| 36570 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.53336 | No | 14.73522 | 3.65 | 9.53336 |
| 36571 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.51651 | No | 14.54772 | 3.65 | 9.51651 |
| 36572 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.49967 | No | 14.36022 | 3.65 | 9.49967 |
| 36573 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.48283 | No | 14.17272 | 3.65 | 9.48283 |
| 36574 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.46599 | No | 13.98522 | 3.65 | 9.46599 |
| 36575 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.44915 | No | 13.79772 | 3.65 | 9.44915 |
| 36576 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.4323 | No | 13.61022 | 3.65 | 9.4323 |
| 36577 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.41546 | No | 13.42272 | 3.65 | 9.41546 |
| 36578 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.39862 | No | 13.23522 | 3.65 | 9.39862 |
| 36579 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.38178 | No | 13.04772 | 3.65 | 9.38178 |
| 36580 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.36494 | No | 12.86022 | 3.65 | 9.36494 |
| 36581 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.34809 | No | 12.67272 | 3.65 | 9.34809 |
| 36582 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.33125 | No | 12.48522 | 3.65 | 9.33125 |
| 36583 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.31441 | No | 12.29772 | 3.65 | 9.31441 |
| 36584 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.29757 | No | 12.11022 | 3.65 | 9.29757 |
| 36585 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.34216 | No | 14.73522 | 3.65 | 9.34216 |
| 36586 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.32696 | No | 14.54772 | 3.65 | 9.32696 |
| 36587 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.31176 | No | 14.36022 | 3.65 | 9.31176 |
| 36588 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.29656 | No | 14.17272 | 3.65 | 9.29656 |
| 36589 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.28136 | No | 13.98522 | 3.65 | 9.28136 |
| 36590 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.26616 | No | 13.79772 | 3.65 | 9.26616 |
| 36591 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.25096 | No | 13.61022 | 3.65 | 9.25096 |
| 36592 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.23576 | No | 13.42272 | 3.65 | 9.23576 |
| 36593 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.22056 | No | 13.23522 | 3.65 | 9.22056 |
| 36594 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.20536 | No | 13.04772 | 3.65 | 9.20536 |
| 36595 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.19016 | No | 12.86022 | 3.65 | 9.19016 |
| 36596 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.17496 | No | 12.67272 | 3.65 | 9.17496 |
| 36597 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.15976 | No | 12.48522 | 3.65 | 9.15976 |
| 36598 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.14456 | No | 12.29772 | 3.65 | 9.14456 |
| 36599 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.12936 | No | 12.11022 | 3.65 | 9.12936 |
| 36600 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.15095 | No | 14.73522 | 3.65 | 9.15095 |
| 36601 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.1374 | No | 14.54772 | 3.65 | 9.1374 |
| 36602 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.12384 | No | 14.36022 | 3.65 | 9.12384 |
| 36603 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.11028 | No | 14.17272 | 3.65 | 9.11028 |
| 36604 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.09672 | No | 13.98522 | 3.65 | 9.09672 |
| 36605 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.08317 | No | 13.79772 | 3.65 | 9.08317 |
| 36606 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.06961 | No | 13.61022 | 3.65 | 9.06961 |
| 36607 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.05605 | No | 13.42272 | 3.65 | 9.05605 |
| 36608 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.04249 | No | 13.23522 | 3.65 | 9.04249 |
| 36609 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.02894 | No | 13.04772 | 3.65 | 9.02894 |
| 36610 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.01538 | No | 12.86022 | 3.65 | 9.01538 |
| 36611 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.00182 | No | 12.67272 | 3.65 | 9.00182 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36612 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.98826 | No | 12.48522 | 3.65 | 8.98826 |
| 36613 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.97471 | No | 12.29772 | 3.65 | 8.97471 |
| 36614 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.96115 | No | 12.11022 | 3.65 | 8.96115 |
| 36615 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.95975 | No | 14.73522 | 3.65 | 8.95975 |
| 36616 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.94784 | No | 14.54772 | 3.65 | 8.94784 |
| 36617 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.93592 | No | 14.36022 | 3.65 | 8.93592 |
| 36618 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.92401 | No | 14.17272 | 3.65 | 8.92401 |
| 36619 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.91209 | No | 13.98522 | 3.65 | 8.91209 |
| 36620 | GLOBAL | Cartesian | 13.79772 | 3.65 | 8.90018 | No | 13.79772 | 3.65 | 8.90018 |
| 36621 | GLOBAL | Cartesian | 13.61022 | 3.65 | 8.88826 | No | 13.61022 | 3.65 | 8.88826 |
| 36622 | GLOBAL | Cartesian | 13.42272 | 3.65 | 8.87635 | No | 13.42272 | 3.65 | 8.87635 |
| 36623 | GLOBAL | Cartesian | 13.23522 | 3.65 | 8.86443 | No | 13.23522 | 3.65 | 8.86443 |
| 36624 | GLOBAL | Cartesian | 13.04772 | 3.65 | 8.85252 | No | 13.04772 | 3.65 | 8.85252 |
| 36625 | GLOBAL | Cartesian | 12.86022 | 3.65 | 8.8406 | No | 12.86022 | 3.65 | 8.8406 |
| 36626 | GLOBAL | Cartesian | 12.67272 | 3.65 | 8.82868 | No | 12.67272 | 3.65 | 8.82868 |
| 36627 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.81677 | No | 12.48522 | 3.65 | 8.81677 |
| 36628 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.80485 | No | 12.29772 | 3.65 | 8.80485 |
| 36629 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.79294 | No | 12.11022 | 3.65 | 8.79294 |
| 36630 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.76855 | No | 14.73522 | 3.65 | 8.76855 |
| 36631 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.75828 | No | 14.54772 | 3.65 | 8.75828 |
| 36632 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.74801 | No | 14.36022 | 3.65 | 8.74801 |
| 36633 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.73773 | No | 14.17272 | 3.65 | 8.73773 |
| 36634 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.72746 | No | 13.98522 | 3.65 | 8.72746 |
| 36635 | GLOBAL | Cartesian | 13.79772 | 3.65 | 8.71719 | No | 13.79772 | 3.65 | 8.71719 |
| 36636 | GLOBAL | Cartesian | 13.61022 | 3.65 | 8.70691 | No | 13.61022 | 3.65 | 8.70691 |
| 36637 | GLOBAL | Cartesian | 13.42272 | 3.65 | 8.69664 | No | 13.42272 | 3.65 | 8.69664 |
| 36638 | GLOBAL | Cartesian | 13.23522 | 3.65 | 8.68637 | No | 13.23522 | 3.65 | 8.68637 |
| 36639 | GLOBAL | Cartesian | 13.04772 | 3.65 | 8.67609 | No | 13.04772 | 3.65 | 8.67609 |
| 36640 | GLOBAL | Cartesian | 12.86022 | 3.65 | 8.66582 | No | 12.86022 | 3.65 | 8.66582 |
| 36641 | GLOBAL | Cartesian | 12.67272 | 3.65 | 8.65555 | No | 12.67272 | 3.65 | 8.65555 |
| 36642 | GLOBAL | Cartesian | 12.48522 | 3.65 | 8.64527 | No | 12.48522 | 3.65 | 8.64527 |
| 36643 | GLOBAL | Cartesian | 12.29772 | 3.65 | 8.635 | No | 12.29772 | 3.65 | 8.635 |
| 36644 | GLOBAL | Cartesian | 12.11022 | 3.65 | 8.62473 | No | 12.11022 | 3.65 | 8.62473 |
| 36645 | GLOBAL | Cartesian | 14.73522 | 3.65 | 8.60472 | No | 14.73522 | 3.65 | 8.60472 |
| 36646 | GLOBAL | Cartesian | 14.54772 | 3.65 | 8.60308 | No | 14.54772 | 3.65 | 8.60308 |
| 36647 | GLOBAL | Cartesian | 14.36022 | 3.65 | 8.60209 | No | 14.36022 | 3.65 | 8.60209 |
| 36648 | GLOBAL | Cartesian | 14.17272 | 3.65 | 8.60109 | No | 14.17272 | 3.65 | 8.60109 |
| 36649 | GLOBAL | Cartesian | 13.98522 | 3.65 | 8.60106 | No | 13.98522 | 3.65 | 8.60106 |
| 36650 | GLOBAL | Cartesian | 13.79772 | 3.65 | 7.99114 | No | 13.79772 | 3.65 | 7.99114 |
| 36651 | GLOBAL | Cartesian | 13.61022 | 3.65 | 7.98123 | No | 13.61022 | 3.65 | 7.98123 |
| 36652 | GLOBAL | Cartesian | 13.42272 | 3.65 | 7.97132 | No | 13.42272 | 3.65 | 7.97132 |
| 36653 | GLOBAL | Cartesian | 13.23522 | 3.65 | 7.9614 | No | 13.23522 | 3.65 | 7.9614 |
| 36654 | GLOBAL | Cartesian | 13.04772 | 3.65 | 7.95149 | No | 13.04772 | 3.65 | 7.95149 |
| 36655 | GLOBAL | Cartesian | 12.86022 | 3.65 | 7.94157 | No | 12.86022 | 3.65 | 7.94157 |
| 36656 | GLOBAL | Cartesian | 12.67272 | 3.65 | 7.93166 | No | 12.67272 | 3.65 | 7.93166 |
| 36657 | GLOBAL | Cartesian | 12.48522 | 3.65 | 7.92174 | No | 12.48522 | 3.65 | 7.92174 |
| 36658 | GLOBAL | Cartesian | 12.29772 | 3.65 | 7.91183 | No | 12.29772 | 3.65 | 7.91183 |
| 36659 | GLOBAL | Cartesian | 12.11022 | 3.65 | 7.90192 | No | 12.11022 | 3.65 | 7.90192 |
| 36660 | GLOBAL | Cartesian | 14.73361 | 3.65 | 7.86176 | No | 14.73361 | 3.65 | 7.86176 |
| 36661 | GLOBAL | Cartesian | 14.54622 | 3.65 | 7.85142 | No | 14.54622 | 3.65 | 7.85142 |
| 36662 | GLOBAL | Cartesian | 14.35883 | 3.65 | 7.84107 | No | 14.35883 | 3.65 | 7.84107 |
| 36663 | GLOBAL | Cartesian | 14.17143 | 3.65 | 7.83073 | No | 14.17143 | 3.65 | 7.83073 |
| 36664 | GLOBAL | Cartesian | 13.98404 | 3.65 | 7.82039 | No | 13.98404 | 3.65 | 7.82039 |
| 36665 | GLOBAL | Cartesian | 13.79665 | 3.65 | 7.81004 | No | 13.79665 | 3.65 | 7.81004 |
| 36666 | GLOBAL | Cartesian | 13.60926 | 3.65 | 7.7997 | No | 13.60926 | 3.65 | 7.7997 |
| 36667 | GLOBAL | Cartesian | 13.42186 | 3.65 | 7.78936 | No | 13.42186 | 3.65 | 7.78936 |
| 36668 | GLOBAL | Cartesian | 13.23447 | 3.65 | 7.77902 | No | 13.23447 | 3.65 | 7.77902 |
| 36669 | GLOBAL | Cartesian | 13.04708 | 3.65 | 7.76867 | No | 13.04708 | 3.65 | 7.76867 |
| 36670 | GLOBAL | Cartesian | 12.85968 | 3.65 | 7.75833 | No | 12.85968 | 3.65 | 7.75833 |
| 36671 | GLOBAL | Cartesian | 12.67229 | 3.65 | 7.74799 | No | 12.67229 | 3.65 | 7.74799 |
| 36672 | GLOBAL | Cartesian | 12.4849 | 3.65 | 7.73764 | No | 12.4849 | 3.65 | 7.73764 |
| 36673 | GLOBAL | Cartesian | 12.29751 | 3.65 | 7.7273 | No | 12.29751 | 3.65 | 7.7273 |
| 36674 | GLOBAL | Cartesian | 12.11011 | 3.65 | 7.71696 | No | 12.11011 | 3.65 | 7.71696 |
| 36675 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.43926 | No | 11.73522 | 3.65 | 8.43926 |
| 36676 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.25331 | No | 11.73522 | 3.65 | 8.25331 |
| 36677 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.43063 | No | 11.54772 | 3.65 | 8.43063 |
| 36678 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.24402 | No | 11.54772 | 3.65 | 8.24402 |
| 36679 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.42199 | No | 11.36022 | 3.65 | 8.42199 |
| 36680 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.23473 | No | 11.36022 | 3.65 | 8.23473 |
| 36681 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.41336 | No | 11.17272 | 3.65 | 8.41336 |
| 36682 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.22545 | No | 11.17272 | 3.65 | 8.22545 |
| 36683 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.40473 | No | 10.98522 | 3.65 | 8.40473 |
| 36684 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.21616 | No | 10.98522 | 3.65 | 8.21616 |
| 36685 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.3961 | No | 10.79772 | 3.65 | 8.3961 |
| 36686 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.20688 | No | 10.79772 | 3.65 | 8.20688 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36687 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.38747 | No | 10.61022 | 3.65 | 8.38747 |
| 36688 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.19759 | No | 10.61022 | 3.65 | 8.19759 |
| 36689 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.37884 | No | 10.42272 | 3.65 | 8.37884 |
| 36690 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.18831 | No | 10.42272 | 3.65 | 8.18831 |
| 36691 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.37021 | No | 10.23522 | 3.65 | 8.37021 |
| 36692 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.17902 | No | 10.23522 | 3.65 | 8.17902 |
| 36693 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.36158 | No | 10.04772 | 3.65 | 8.36158 |
| 36694 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.16973 | No | 10.04772 | 3.65 | 8.16973 |
| 36695 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.35295 | No | 9.86022 | 3.65 | 8.35295 |
| 36696 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.16045 | No | 9.86022 | 3.65 | 8.16045 |
| 36697 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.34432 | No | 9.67272 | 3.65 | 8.34432 |
| 36698 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.15116 | No | 9.67272 | 3.65 | 8.15116 |
| 36699 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.33569 | No | 9.48522 | 3.65 | 8.33569 |
| 36700 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.14188 | No | 9.48522 | 3.65 | 8.14188 |
| 36701 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.32705 | No | 9.29772 | 3.65 | 8.32705 |
| 36702 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.13259 | No | 9.29772 | 3.65 | 8.13259 |
| 36703 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.31842 | No | 9.11022 | 3.65 | 8.31842 |
| 36704 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.12331 | No | 9.11022 | 3.65 | 8.12331 |
| 36705 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.06735 | No | 11.73522 | 3.65 | 8.06735 |
| 36706 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.05741 | No | 11.54772 | 3.65 | 8.05741 |
| 36707 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.04747 | No | 11.36022 | 3.65 | 8.04747 |
| 36708 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.03753 | No | 11.17272 | 3.65 | 8.03753 |
| 36709 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.02759 | No | 10.98522 | 3.65 | 8.02759 |
| 36710 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.01765 | No | 10.79772 | 3.65 | 8.01765 |
| 36711 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.00771 | No | 10.61022 | 3.65 | 8.00771 |
| 36712 | GLOBAL | Cartesian | 10.42272 | 3.65 | 7.99777 | No | 10.42272 | 3.65 | 7.99777 |
| 36713 | GLOBAL | Cartesian | 10.23522 | 3.65 | 7.98783 | No | 10.23522 | 3.65 | 7.98783 |
| 36714 | GLOBAL | Cartesian | 10.04772 | 3.65 | 7.97789 | No | 10.04772 | 3.65 | 7.97789 |
| 36715 | GLOBAL | Cartesian | 9.86022 | 3.65 | 7.96795 | No | 9.86022 | 3.65 | 7.96795 |
| 36716 | GLOBAL | Cartesian | 9.67272 | 3.65 | 7.95801 | No | 9.67272 | 3.65 | 7.95801 |
| 36717 | GLOBAL | Cartesian | 9.48522 | 3.65 | 7.94807 | No | 9.48522 | 3.65 | 7.94807 |
| 36718 | GLOBAL | Cartesian | 9.29772 | 3.65 | 7.93813 | No | 9.29772 | 3.65 | 7.93813 |
| 36719 | GLOBAL | Cartesian | 9.11022 | 3.65 | 7.92819 | No | 9.11022 | 3.65 | 7.92819 |
| 36720 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.62978 | No | 11.73522 | 3.65 | 9.62978 |
| 36721 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.5293 | No | 11.73522 | 3.65 | 9.5293 |
| 36722 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.6113 | No | 11.54772 | 3.65 | 9.6113 |
| 36723 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.51081 | No | 11.54772 | 3.65 | 9.51081 |
| 36724 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.59281 | No | 11.36022 | 3.65 | 9.59281 |
| 36725 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.49233 | No | 11.36022 | 3.65 | 9.49233 |
| 36726 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.57433 | No | 11.17272 | 3.65 | 9.57433 |
| 36727 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.47384 | No | 11.17272 | 3.65 | 9.47384 |
| 36728 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.55584 | No | 10.98522 | 3.65 | 9.55584 |
| 36729 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.45536 | No | 10.98522 | 3.65 | 9.45536 |
| 36730 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.53736 | No | 10.79772 | 3.65 | 9.53736 |
| 36731 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.43687 | No | 10.79772 | 3.65 | 9.43687 |
| 36732 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.51888 | No | 10.61022 | 3.65 | 9.51888 |
| 36733 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.41839 | No | 10.61022 | 3.65 | 9.41839 |
| 36734 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.50039 | No | 10.42272 | 3.65 | 9.50039 |
| 36735 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.39991 | No | 10.42272 | 3.65 | 9.39991 |
| 36736 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.48191 | No | 10.23522 | 3.65 | 9.48191 |
| 36737 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.38142 | No | 10.23522 | 3.65 | 9.38142 |
| 36738 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.46342 | No | 10.04772 | 3.65 | 9.46342 |
| 36739 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.36294 | No | 10.04772 | 3.65 | 9.36294 |
| 36740 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.44494 | No | 9.86022 | 3.65 | 9.44494 |
| 36741 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.34445 | No | 9.86022 | 3.65 | 9.34445 |
| 36742 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.42645 | No | 9.67272 | 3.65 | 9.42645 |
| 36743 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.32597 | No | 9.67272 | 3.65 | 9.32597 |
| 36744 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.40797 | No | 9.48522 | 3.65 | 9.40797 |
| 36745 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.30749 | No | 9.48522 | 3.65 | 9.30749 |
| 36746 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.38949 | No | 9.29772 | 3.65 | 9.38949 |
| 36747 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.289 | No | 9.29772 | 3.65 | 9.289 |
| 36748 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.371 | No | 9.11022 | 3.65 | 9.371 |
| 36749 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.27052 | No | 9.11022 | 3.65 | 9.27052 |
| 36750 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.42881 | No | 11.73522 | 3.65 | 9.42881 |
| 36751 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.41033 | No | 11.54772 | 3.65 | 9.41033 |
| 36752 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.39184 | No | 11.36022 | 3.65 | 9.39184 |
| 36753 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.37336 | No | 11.17272 | 3.65 | 9.37336 |
| 36754 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.35487 | No | 10.98522 | 3.65 | 9.35487 |
| 36755 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.33639 | No | 10.79772 | 3.65 | 9.33639 |
| 36756 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.31791 | No | 10.61022 | 3.65 | 9.31791 |
| 36757 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.29942 | No | 10.42272 | 3.65 | 9.29942 |
| 36758 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.28094 | No | 10.23522 | 3.65 | 9.28094 |
| 36759 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.26245 | No | 10.04772 | 3.65 | 9.26245 |
| 36760 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.24397 | No | 9.86022 | 3.65 | 9.24397 |
| 36761 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.22549 | No | 9.67272 | 3.65 | 9.22549 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36762 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.207 | No | 9.48522 | 3.65 | 9.207 |
| 36763 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.18852 | No | 9.29772 | 3.65 | 9.18852 |
| 36764 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.17003 | No | 9.11022 | 3.65 | 9.17003 |
| 36765 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.26389 | No | 11.73522 | 3.65 | 9.26389 |
| 36766 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.24704 | No | 11.54772 | 3.65 | 9.24704 |
| 36767 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.2302 | No | 11.36022 | 3.65 | 9.2302 |
| 36768 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.21336 | No | 11.17272 | 3.65 | 9.21336 |
| 36769 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.19652 | No | 10.98522 | 3.65 | 9.19652 |
| 36770 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.17968 | No | 10.79772 | 3.65 | 9.17968 |
| 36771 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.16283 | No | 10.61022 | 3.65 | 9.16283 |
| 36772 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.14599 | No | 10.42272 | 3.65 | 9.14599 |
| 36773 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.12915 | No | 10.23522 | 3.65 | 9.12915 |
| 36774 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.11231 | No | 10.04772 | 3.65 | 9.11231 |
| 36775 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.09547 | No | 9.86022 | 3.65 | 9.09547 |
| 36776 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.07862 | No | 9.67272 | 3.65 | 9.07862 |
| 36777 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.06178 | No | 9.48522 | 3.65 | 9.06178 |
| 36778 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.04494 | No | 9.29772 | 3.65 | 9.04494 |
| 36779 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.0281 | No | 9.11022 | 3.65 | 9.0281 |
| 36780 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.09896 | No | 11.73522 | 3.65 | 9.09896 |
| 36781 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.08376 | No | 11.54772 | 3.65 | 9.08376 |
| 36782 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.06856 | No | 11.36022 | 3.65 | 9.06856 |
| 36783 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.05336 | No | 11.17272 | 3.65 | 9.05336 |
| 36784 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.03816 | No | 10.98522 | 3.65 | 9.03816 |
| 36785 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.02296 | No | 10.79772 | 3.65 | 9.02296 |
| 36786 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.00776 | No | 10.61022 | 3.65 | 9.00776 |
| 36787 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.99256 | No | 10.42272 | 3.65 | 8.99256 |
| 36788 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.97736 | No | 10.23522 | 3.65 | 8.97736 |
| 36789 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.96216 | No | 10.04772 | 3.65 | 8.96216 |
| 36790 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.94696 | No | 9.86022 | 3.65 | 8.94696 |
| 36791 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.93176 | No | 9.67272 | 3.65 | 8.93176 |
| 36792 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.91656 | No | 9.48522 | 3.65 | 8.91656 |
| 36793 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.90136 | No | 9.29772 | 3.65 | 8.90136 |
| 36794 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.88616 | No | 9.11022 | 3.65 | 8.88616 |
| 36795 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.93403 | No | 11.73522 | 3.65 | 8.93403 |
| 36796 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.92048 | No | 11.54772 | 3.65 | 8.92048 |
| 36797 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.90692 | No | 11.36022 | 3.65 | 8.90692 |
| 36798 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.89336 | No | 11.17272 | 3.65 | 8.89336 |
| 36799 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.8798 | No | 10.98522 | 3.65 | 8.8798 |
| 36800 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.86625 | No | 10.79772 | 3.65 | 8.86625 |
| 36801 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.85269 | No | 10.61022 | 3.65 | 8.85269 |
| 36802 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.83913 | No | 10.42272 | 3.65 | 8.83913 |
| 36803 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.82557 | No | 10.23522 | 3.65 | 8.82557 |
| 36804 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.81202 | No | 10.04772 | 3.65 | 8.81202 |
| 36805 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.79846 | No | 9.86022 | 3.65 | 8.79846 |
| 36806 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.7849 | No | 9.67272 | 3.65 | 8.7849 |
| 36807 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.77134 | No | 9.48522 | 3.65 | 8.77134 |
| 36808 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.75779 | No | 9.29772 | 3.65 | 8.75779 |
| 36809 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.74423 | No | 9.11022 | 3.65 | 8.74423 |
| 36810 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.76911 | No | 11.73522 | 3.65 | 8.76911 |
| 36811 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.75719 | No | 11.54772 | 3.65 | 8.75719 |
| 36812 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.74528 | No | 11.36022 | 3.65 | 8.74528 |
| 36813 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.73336 | No | 11.17272 | 3.65 | 8.73336 |
| 36814 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.72145 | No | 10.98522 | 3.65 | 8.72145 |
| 36815 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.70953 | No | 10.79772 | 3.65 | 8.70953 |
| 36816 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.69762 | No | 10.61022 | 3.65 | 8.69762 |
| 36817 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.6857 | No | 10.42272 | 3.65 | 8.6857 |
| 36818 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.67379 | No | 10.23522 | 3.65 | 8.67379 |
| 36819 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.66187 | No | 10.04772 | 3.65 | 8.66187 |
| 36820 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.64995 | No | 9.86022 | 3.65 | 8.64995 |
| 36821 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.63804 | No | 9.67272 | 3.65 | 8.63804 |
| 36822 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.62612 | No | 9.48522 | 3.65 | 8.62612 |
| 36823 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.61421 | No | 9.29772 | 3.65 | 8.61421 |
| 36824 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.60229 | No | 9.11022 | 3.65 | 8.60229 |
| 36825 | GLOBAL | Cartesian | 11.73522 | 3.65 | 8.60418 | No | 11.73522 | 3.65 | 8.60418 |
| 36826 | GLOBAL | Cartesian | 11.54772 | 3.65 | 8.59391 | No | 11.54772 | 3.65 | 8.59391 |
| 36827 | GLOBAL | Cartesian | 11.36022 | 3.65 | 8.58364 | No | 11.36022 | 3.65 | 8.58364 |
| 36828 | GLOBAL | Cartesian | 11.17272 | 3.65 | 8.57336 | No | 11.17272 | 3.65 | 8.57336 |
| 36829 | GLOBAL | Cartesian | 10.98522 | 3.65 | 8.56309 | No | 10.98522 | 3.65 | 8.56309 |
| 36830 | GLOBAL | Cartesian | 10.79772 | 3.65 | 8.55282 | No | 10.79772 | 3.65 | 8.55282 |
| 36831 | GLOBAL | Cartesian | 10.61022 | 3.65 | 8.54254 | No | 10.61022 | 3.65 | 8.54254 |
| 36832 | GLOBAL | Cartesian | 10.42272 | 3.65 | 8.53227 | No | 10.42272 | 3.65 | 8.53227 |
| 36833 | GLOBAL | Cartesian | 10.23522 | 3.65 | 8.522 | No | 10.23522 | 3.65 | 8.522 |
| 36834 | GLOBAL | Cartesian | 10.04772 | 3.65 | 8.51172 | No | 10.04772 | 3.65 | 8.51172 |
| 36835 | GLOBAL | Cartesian | 9.86022 | 3.65 | 8.50145 | No | 9.86022 | 3.65 | 8.50145 |
| 36836 | GLOBAL | Cartesian | 9.67272 | 3.65 | 8.49118 | No | 9.67272 | 3.65 | 8.49118 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36837 | GLOBAL | Cartesian | 9.48522 | 3.65 | 8.4809 | No | 9.48522 | 3.65 | 8.4809 |
| 36838 | GLOBAL | Cartesian | 9.29772 | 3.65 | 8.47063 | No | 9.29772 | 3.65 | 8.47063 |
| 36839 | GLOBAL | Cartesian | 9.11022 | 3.65 | 8.46036 | No | 9.11022 | 3.65 | 8.46036 |
| 36840 | GLOBAL | Cartesian | 11.73522 | 3.65 | 7.88141 | No | 11.73522 | 3.65 | 7.88141 |
| 36841 | GLOBAL | Cartesian | 11.54772 | 3.65 | 7.87081 | No | 11.54772 | 3.65 | 7.87081 |
| 36842 | GLOBAL | Cartesian | 11.36022 | 3.65 | 7.86022 | No | 11.36022 | 3.65 | 7.86022 |
| 36843 | GLOBAL | Cartesian | 11.17272 | 3.65 | 7.84962 | No | 11.17272 | 3.65 | 7.84962 |
| 36844 | GLOBAL | Cartesian | 10.98522 | 3.65 | 7.83903 | No | 10.98522 | 3.65 | 7.83903 |
| 36845 | GLOBAL | Cartesian | 10.79772 | 3.65 | 7.82843 | No | 10.79772 | 3.65 | 7.82843 |
| 36846 | GLOBAL | Cartesian | 10.61022 | 3.65 | 7.81784 | No | 10.61022 | 3.65 | 7.81784 |
| 36847 | GLOBAL | Cartesian | 10.42272 | 3.65 | 7.80724 | No | 10.42272 | 3.65 | 7.80724 |
| 36848 | GLOBAL | Cartesian | 10.23522 | 3.65 | 7.79665 | No | 10.23522 | 3.65 | 7.79665 |
| 36849 | GLOBAL | Cartesian | 10.04772 | 3.65 | 7.78605 | No | 10.04772 | 3.65 | 7.78605 |
| 36850 | GLOBAL | Cartesian | 9.86022 | 3.65 | 7.77546 | No | 9.86022 | 3.65 | 7.77546 |
| 36851 | GLOBAL | Cartesian | 9.67272 | 3.65 | 7.76486 | No | 9.67272 | 3.65 | 7.76486 |
| 36852 | GLOBAL | Cartesian | 9.48522 | 3.65 | 7.75427 | No | 9.48522 | 3.65 | 7.75427 |
| 36853 | GLOBAL | Cartesian | 9.29772 | 3.65 | 7.74367 | No | 9.29772 | 3.65 | 7.74367 |
| 36854 | GLOBAL | Cartesian | 9.11022 | 3.65 | 7.73308 | No | 9.11022 | 3.65 | 7.73308 |
| 36855 | GLOBAL | Cartesian | 11.73522 | 3.65 | 7.69537 | No | 11.73522 | 3.65 | 7.69537 |
| 36856 | GLOBAL | Cartesian | 11.54772 | 3.65 | 7.68412 | No | 11.54772 | 3.65 | 7.68412 |
| 36857 | GLOBAL | Cartesian | 11.36022 | 3.65 | 7.67287 | No | 11.36022 | 3.65 | 7.67287 |
| 36858 | GLOBAL | Cartesian | 11.17272 | 3.65 | 7.66162 | No | 11.17272 | 3.65 | 7.66162 |
| 36859 | GLOBAL | Cartesian | 10.98522 | 3.65 | 7.65037 | No | 10.98522 | 3.65 | 7.65037 |
| 36860 | GLOBAL | Cartesian | 10.79772 | 3.65 | 7.63912 | No | 10.79772 | 3.65 | 7.63912 |
| 36861 | GLOBAL | Cartesian | 10.61022 | 3.65 | 7.62787 | No | 10.61022 | 3.65 | 7.62787 |
| 36862 | GLOBAL | Cartesian | 10.42272 | 3.65 | 7.61662 | No | 10.42272 | 3.65 | 7.61662 |
| 36863 | GLOBAL | Cartesian | 10.23522 | 3.65 | 7.60537 | No | 10.23522 | 3.65 | 7.60537 |
| 36864 | GLOBAL | Cartesian | 10.04772 | 3.65 | 7.59412 | No | 10.04772 | 3.65 | 7.59412 |
| 36865 | GLOBAL | Cartesian | 9.86022 | 3.65 | 7.58287 | No | 9.86022 | 3.65 | 7.58287 |
| 36866 | GLOBAL | Cartesian | 9.67272 | 3.65 | 7.57162 | No | 9.67272 | 3.65 | 7.57162 |
| 36867 | GLOBAL | Cartesian | 9.48522 | 3.65 | 7.56037 | No | 9.48522 | 3.65 | 7.56037 |
| 36868 | GLOBAL | Cartesian | 9.29772 | 3.65 | 7.54912 | No | 9.29772 | 3.65 | 7.54912 |
| 36869 | GLOBAL | Cartesian | 9.11022 | 3.65 | 7.53787 | No | 9.11022 | 3.65 | 7.53787 |
| 36870 | GLOBAL | Cartesian | 30.21558 | 3.65 | 11.35113 | No | 30.21558 | 3.65 | 11.35113 |
| 36871 | GLOBAL | Cartesian | 30.21558 | 3.65 | 11.45161 | No | 30.21558 | 3.65 | 11.45161 |
| 36872 | GLOBAL | Cartesian | 27.21558 | 3.65 | 11.05538 | No | 27.21558 | 3.65 | 11.05538 |
| 36873 | GLOBAL | Cartesian | 27.21558 | 3.65 | 11.15587 | No | 27.21558 | 3.65 | 11.15587 |
| 36874 | GLOBAL | Cartesian | 27.02272 | 3.65 | 10.83741 | No | 27.02272 | 3.65 | 10.83741 |
| 36875 | GLOBAL | Cartesian | 26.92272 | 3.65 | 10.82797 | No | 26.92272 | 3.65 | 10.82797 |
| 36876 | GLOBAL | Cartesian | 26.82272 | 3.65 | 10.81852 | No | 26.82272 | 3.65 | 10.81852 |
| 36877 | GLOBAL | Cartesian | 26.72272 | 3.65 | 10.80907 | No | 26.72272 | 3.65 | 10.80907 |
| 36878 | GLOBAL | Cartesian | 24.21558 | 3.65 | 10.75964 | No | 24.21558 | 3.65 | 10.75964 |
| 36879 | GLOBAL | Cartesian | 24.21558 | 3.65 | 10.86012 | No | 24.21558 | 3.65 | 10.86012 |
| 36880 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.57632 | No | 24.02272 | 3.65 | 10.57632 |
| 36881 | GLOBAL | Cartesian | 24.02272 | 3.65 | 10.51251 | No | 24.02272 | 3.65 | 10.51251 |
| 36882 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.56674 | No | 23.92272 | 3.65 | 10.56674 |
| 36883 | GLOBAL | Cartesian | 23.92272 | 3.65 | 10.50319 | No | 23.92272 | 3.65 | 10.50319 |
| 36884 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.55709 | No | 23.82217 | 3.65 | 10.55709 |
| 36885 | GLOBAL | Cartesian | 23.82217 | 3.65 | 10.49382 | No | 23.82217 | 3.65 | 10.49382 |
| 36886 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.54745 | No | 23.72163 | 3.65 | 10.54745 |
| 36887 | GLOBAL | Cartesian | 23.72163 | 3.65 | 10.48445 | No | 23.72163 | 3.65 | 10.48445 |
| 36888 | GLOBAL | Cartesian | 21.02282 | 3.65 | 10.28151 | No | 21.02282 | 3.65 | 10.28151 |
| 36889 | GLOBAL | Cartesian | 21.02281 | 3.65 | 10.21862 | No | 21.02281 | 3.65 | 10.21862 |
| 36890 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.27191 | No | 20.92272 | 3.65 | 10.27191 |
| 36891 | GLOBAL | Cartesian | 20.92272 | 3.65 | 10.20928 | No | 20.92272 | 3.65 | 10.20928 |
| 36892 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.2623 | No | 20.82255 | 3.65 | 10.2623 |
| 36893 | GLOBAL | Cartesian | 20.82255 | 3.65 | 10.19994 | No | 20.82255 | 3.65 | 10.19994 |
| 36894 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.25269 | No | 20.72238 | 3.65 | 10.25269 |
| 36895 | GLOBAL | Cartesian | 20.72238 | 3.65 | 10.1906 | No | 20.72238 | 3.65 | 10.1906 |
| 36896 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.98565 | No | 18.02282 | 3.65 | 9.98565 |
| 36897 | GLOBAL | Cartesian | 18.02282 | 3.65 | 9.92265 | No | 18.02282 | 3.65 | 9.92265 |
| 36898 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.97604 | No | 17.92272 | 3.65 | 9.97604 |
| 36899 | GLOBAL | Cartesian | 17.92272 | 3.65 | 9.9133 | No | 17.92272 | 3.65 | 9.9133 |
| 36900 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.96644 | No | 17.82272 | 3.65 | 9.96644 |
| 36901 | GLOBAL | Cartesian | 17.82272 | 3.65 | 9.90396 | No | 17.82272 | 3.65 | 9.90396 |
| 36902 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.95684 | No | 17.72272 | 3.65 | 9.95684 |
| 36903 | GLOBAL | Cartesian | 17.72272 | 3.65 | 9.89461 | No | 17.72272 | 3.65 | 9.89461 |
| 36904 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.68834 | No | 15.02282 | 3.65 | 9.68834 |
| 36905 | GLOBAL | Cartesian | 15.02282 | 3.65 | 9.62376 | No | 15.02282 | 3.65 | 9.62376 |
| 36906 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.67876 | No | 14.92272 | 3.65 | 9.67876 |
| 36907 | GLOBAL | Cartesian | 14.92272 | 3.65 | 9.61448 | No | 14.92272 | 3.65 | 9.61448 |
| 36908 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.66082 | No | 14.73522 | 3.65 | 9.66082 |
| 36909 | GLOBAL | Cartesian | 14.73522 | 3.65 | 9.59709 | No | 14.73522 | 3.65 | 9.59709 |
| 36910 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.64289 | No | 14.54772 | 3.65 | 9.64289 |
| 36911 | GLOBAL | Cartesian | 14.54772 | 3.65 | 9.5797 | No | 14.54772 | 3.65 | 9.5797 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36912 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.62495 | No | 14.36022 | 3.65 | 9.62495 |
| 36913 | GLOBAL | Cartesian | 14.36022 | 3.65 | 9.56231 | No | 14.36022 | 3.65 | 9.56231 |
| 36914 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.60701 | No | 14.17272 | 3.65 | 9.60701 |
| 36915 | GLOBAL | Cartesian | 14.17272 | 3.65 | 9.54492 | No | 14.17272 | 3.65 | 9.54492 |
| 36916 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.58908 | No | 13.98522 | 3.65 | 9.58908 |
| 36917 | GLOBAL | Cartesian | 13.98522 | 3.65 | 9.52753 | No | 13.98522 | 3.65 | 9.52753 |
| 36918 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.57114 | No | 13.79772 | 3.65 | 9.57114 |
| 36919 | GLOBAL | Cartesian | 13.79772 | 3.65 | 9.51014 | No | 13.79772 | 3.65 | 9.51014 |
| 36920 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.5532 | No | 13.61022 | 3.65 | 9.5532 |
| 36921 | GLOBAL | Cartesian | 13.61022 | 3.65 | 9.49275 | No | 13.61022 | 3.65 | 9.49275 |
| 36922 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.53527 | No | 13.42272 | 3.65 | 9.53527 |
| 36923 | GLOBAL | Cartesian | 13.42272 | 3.65 | 9.47536 | No | 13.42272 | 3.65 | 9.47536 |
| 36924 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.51733 | No | 13.23522 | 3.65 | 9.51733 |
| 36925 | GLOBAL | Cartesian | 13.23522 | 3.65 | 9.45798 | No | 13.23522 | 3.65 | 9.45798 |
| 36926 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.49939 | No | 13.04772 | 3.65 | 9.49939 |
| 36927 | GLOBAL | Cartesian | 13.04772 | 3.65 | 9.44059 | No | 13.04772 | 3.65 | 9.44059 |
| 36928 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.48146 | No | 12.86022 | 3.65 | 9.48146 |
| 36929 | GLOBAL | Cartesian | 12.86022 | 3.65 | 9.4232 | No | 12.86022 | 3.65 | 9.4232 |
| 36930 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.46352 | No | 12.67272 | 3.65 | 9.46352 |
| 36931 | GLOBAL | Cartesian | 12.67272 | 3.65 | 9.40581 | No | 12.67272 | 3.65 | 9.40581 |
| 36932 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.44558 | No | 12.48522 | 3.65 | 9.44558 |
| 36933 | GLOBAL | Cartesian | 12.48522 | 3.65 | 9.38842 | No | 12.48522 | 3.65 | 9.38842 |
| 36934 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.42765 | No | 12.29772 | 3.65 | 9.42765 |
| 36935 | GLOBAL | Cartesian | 12.29772 | 3.65 | 9.37103 | No | 12.29772 | 3.65 | 9.37103 |
| 36936 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.40971 | No | 12.11022 | 3.65 | 9.40971 |
| 36937 | GLOBAL | Cartesian | 12.11022 | 3.65 | 9.35364 | No | 12.11022 | 3.65 | 9.35364 |
| 36938 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.39177 | No | 11.92272 | 3.65 | 9.39177 |
| 36939 | GLOBAL | Cartesian | 11.92272 | 3.65 | 9.33625 | No | 11.92272 | 3.65 | 9.33625 |
| 36940 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.37384 | No | 11.73522 | 3.65 | 9.37384 |
| 36941 | GLOBAL | Cartesian | 11.73522 | 3.65 | 9.31886 | No | 11.73522 | 3.65 | 9.31886 |
| 36942 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.3559 | No | 11.54772 | 3.65 | 9.3559 |
| 36943 | GLOBAL | Cartesian | 11.54772 | 3.65 | 9.30147 | No | 11.54772 | 3.65 | 9.30147 |
| 36944 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.33796 | No | 11.36022 | 3.65 | 9.33796 |
| 36945 | GLOBAL | Cartesian | 11.36022 | 3.65 | 9.28408 | No | 11.36022 | 3.65 | 9.28408 |
| 36946 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.32003 | No | 11.17272 | 3.65 | 9.32003 |
| 36947 | GLOBAL | Cartesian | 11.17272 | 3.65 | 9.26669 | No | 11.17272 | 3.65 | 9.26669 |
| 36948 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.30209 | No | 10.98522 | 3.65 | 9.30209 |
| 36949 | GLOBAL | Cartesian | 10.98522 | 3.65 | 9.2493 | No | 10.98522 | 3.65 | 9.2493 |
| 36950 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.28415 | No | 10.79772 | 3.65 | 9.28415 |
| 36951 | GLOBAL | Cartesian | 10.79772 | 3.65 | 9.23191 | No | 10.79772 | 3.65 | 9.23191 |
| 36952 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.26622 | No | 10.61022 | 3.65 | 9.26622 |
| 36953 | GLOBAL | Cartesian | 10.61022 | 3.65 | 9.21452 | No | 10.61022 | 3.65 | 9.21452 |
| 36954 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.24828 | No | 10.42272 | 3.65 | 9.24828 |
| 36955 | GLOBAL | Cartesian | 10.42272 | 3.65 | 9.19713 | No | 10.42272 | 3.65 | 9.19713 |
| 36956 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.23034 | No | 10.23522 | 3.65 | 9.23034 |
| 36957 | GLOBAL | Cartesian | 10.23522 | 3.65 | 9.17975 | No | 10.23522 | 3.65 | 9.17975 |
| 36958 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.2124 | No | 10.04772 | 3.65 | 9.2124 |
| 36959 | GLOBAL | Cartesian | 10.04772 | 3.65 | 9.16236 | No | 10.04772 | 3.65 | 9.16236 |
| 36960 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.19447 | No | 9.86022 | 3.65 | 9.19447 |
| 36961 | GLOBAL | Cartesian | 9.86022 | 3.65 | 9.14497 | No | 9.86022 | 3.65 | 9.14497 |
| 36962 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.17653 | No | 9.67272 | 3.65 | 9.17653 |
| 36963 | GLOBAL | Cartesian | 9.67272 | 3.65 | 9.12758 | No | 9.67272 | 3.65 | 9.12758 |
| 36964 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.15859 | No | 9.48522 | 3.65 | 9.15859 |
| 36965 | GLOBAL | Cartesian | 9.48522 | 3.65 | 9.11019 | No | 9.48522 | 3.65 | 9.11019 |
| 36966 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.14066 | No | 9.29772 | 3.65 | 9.14066 |
| 36967 | GLOBAL | Cartesian | 9.29772 | 3.65 | 9.0928 | No | 9.29772 | 3.65 | 9.0928 |
| 36968 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.12272 | No | 9.11022 | 3.65 | 9.12272 |
| 36969 | GLOBAL | Cartesian | 9.11022 | 3.65 | 9.07541 | No | 9.11022 | 3.65 | 9.07541 |
| 36970 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.10478 | No | 8.92272 | 3.65 | 9.10478 |
| 36971 | GLOBAL | Cartesian | 8.92272 | 3.65 | 9.05802 | No | 8.92272 | 3.65 | 9.05802 |
| 36972 | GLOBAL | Cartesian | 18.40143 | 3.65 | 10.18647 | No | 18.40143 | 3.65 | 10.18647 |
| 36973 | GLOBAL | Cartesian | 18.38799 | 3.65 | 10.08465 | No | 18.38799 | 3.65 | 10.08465 |
| 36974 | GLOBAL | Cartesian | 18.40143 | 3.65 | 10.28695 | No | 18.40143 | 3.65 | 10.28695 |
| 36975 | GLOBAL | Cartesian | 30.17547 | 3.65 | 11.24669 | No | 30.17547 | 3.65 | 11.24669 |
| 36976 | GLOBAL | Cartesian | 30.18323 | 3.65 | 11.11591 | No | 30.18323 | 3.65 | 11.11591 |
| 36977 | GLOBAL | Cartesian | 30.16915 | 3.65 | 11.34655 | No | 30.16915 | 3.65 | 11.34655 |
| 36978 | GLOBAL | Cartesian | 30.16915 | 3.65 | 11.44704 | No | 30.16915 | 3.65 | 11.44704 |
| 36979 | GLOBAL | Cartesian | 31.23701 | 3.55 | 11.55231 | No | 31.23701 | 3.55 | 11.55231 |
| 36980 | GLOBAL | Cartesian | 31.23701 | 3.45 | 11.55231 | No | 31.23701 | 3.45 | 11.55231 |
| 36981 | GLOBAL | Cartesian | 31.05129 | 3.55 | 11.534 | No | 31.05129 | 3.55 | 11.534 |
| 36982 | GLOBAL | Cartesian | 31.05129 | 3.45 | 11.534 | No | 31.05129 | 3.45 | 11.534 |
| 36983 | GLOBAL | Cartesian | 30.86558 | 3.55 | 11.51569 | No | 30.86558 | 3.55 | 11.51569 |
| 36984 | GLOBAL | Cartesian | 30.86558 | 3.45 | 11.51569 | No | 30.86558 | 3.45 | 11.51569 |
| 36985 | GLOBAL | Cartesian | 30.67986 | 3.55 | 11.49738 | No | 30.67986 | 3.55 | 11.49738 |
| 36986 | GLOBAL | Cartesian | 30.67986 | 3.45 | 11.49738 | No | 30.67986 | 3.45 | 11.49738 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 36987 | GLOBAL | Cartesian | 30.49415 | 3.55 | 11.47908 | No | 30.49415 | 3.55 | 11.47908 |
| 36988 | GLOBAL | Cartesian | 30.49415 | 3.45 | 11.47908 | No | 30.49415 | 3.45 | 11.47908 |
| 36989 | GLOBAL | Cartesian | 30.30844 | 3.55 | 11.46077 | No | 30.30844 | 3.55 | 11.46077 |
| 36990 | GLOBAL | Cartesian | 30.30844 | 3.45 | 11.46077 | No | 30.30844 | 3.45 | 11.46077 |
| 36991 | GLOBAL | Cartesian | 30.21558 | 3.55 | 11.45161 | No | 30.21558 | 3.55 | 11.45161 |
| 36992 | GLOBAL | Cartesian | 30.21558 | 3.45 | 11.45161 | No | 30.21558 | 3.45 | 11.45161 |
| 36993 | GLOBAL | Cartesian | 30.16915 | 3.55 | 11.44704 | No | 30.16915 | 3.55 | 11.44704 |
| 36994 | GLOBAL | Cartesian | 30.16915 | 3.45 | 11.44704 | No | 30.16915 | 3.45 | 11.44704 |
| 36995 | GLOBAL | Cartesian | 30.12272 | 3.55 | 11.44246 | No | 30.12272 | 3.55 | 11.44246 |
| 36996 | GLOBAL | Cartesian | 30.12272 | 3.45 | 11.44246 | No | 30.12272 | 3.45 | 11.44246 |
| 36997 | GLOBAL | Cartesian | 30.02272 | 3.55 | 11.4326 | No | 30.02272 | 3.55 | 11.4326 |
| 36998 | GLOBAL | Cartesian | 30.02272 | 3.45 | 11.4326 | No | 30.02272 | 3.45 | 11.4326 |
| 36999 | GLOBAL | Cartesian | 29.92272 | 3.55 | 11.42274 | No | 29.92272 | 3.55 | 11.42274 |
| 37000 | GLOBAL | Cartesian | 29.92272 | 3.45 | 11.42274 | No | 29.92272 | 3.45 | 11.42274 |
| 37001 | GLOBAL | Cartesian | 29.82272 | 3.55 | 11.41288 | No | 29.82272 | 3.55 | 11.41288 |
| 37002 | GLOBAL | Cartesian | 29.82272 | 3.45 | 11.41288 | No | 29.82272 | 3.45 | 11.41288 |
| 37003 | GLOBAL | Cartesian | 29.72272 | 3.55 | 11.40303 | No | 29.72272 | 3.55 | 11.40303 |
| 37004 | GLOBAL | Cartesian | 29.72272 | 3.45 | 11.40303 | No | 29.72272 | 3.45 | 11.40303 |
| 37005 | GLOBAL | Cartesian | 29.53701 | 3.55 | 11.38472 | No | 29.53701 | 3.55 | 11.38472 |
| 37006 | GLOBAL | Cartesian | 29.53701 | 3.45 | 11.38472 | No | 29.53701 | 3.45 | 11.38472 |
| 37007 | GLOBAL | Cartesian | 29.35129 | 3.55 | 11.36641 | No | 29.35129 | 3.55 | 11.36641 |
| 37008 | GLOBAL | Cartesian | 29.35129 | 3.45 | 11.36641 | No | 29.35129 | 3.45 | 11.36641 |
| 37009 | GLOBAL | Cartesian | 29.16558 | 3.55 | 11.3481 | No | 29.16558 | 3.55 | 11.3481 |
| 37010 | GLOBAL | Cartesian | 29.16558 | 3.45 | 11.3481 | No | 29.16558 | 3.45 | 11.3481 |
| 37011 | GLOBAL | Cartesian | 28.97986 | 3.55 | 11.32979 | No | 28.97986 | 3.55 | 11.32979 |
| 37012 | GLOBAL | Cartesian | 28.97986 | 3.45 | 11.32979 | No | 28.97986 | 3.45 | 11.32979 |
| 37013 | GLOBAL | Cartesian | 28.79415 | 3.55 | 11.31149 | No | 28.79415 | 3.55 | 11.31149 |
| 37014 | GLOBAL | Cartesian | 28.79415 | 3.45 | 11.31149 | No | 28.79415 | 3.45 | 11.31149 |
| 37015 | GLOBAL | Cartesian | 28.60844 | 3.55 | 11.29318 | No | 28.60844 | 3.55 | 11.29318 |
| 37016 | GLOBAL | Cartesian | 28.60844 | 3.45 | 11.29318 | No | 28.60844 | 3.45 | 11.29318 |
| 37017 | GLOBAL | Cartesian | 28.42272 | 3.55 | 11.27487 | No | 28.42272 | 3.55 | 11.27487 |
| 37018 | GLOBAL | Cartesian | 28.42272 | 3.45 | 11.27487 | No | 28.42272 | 3.45 | 11.27487 |
| 37019 | GLOBAL | Cartesian | 28.23701 | 3.55 | 11.25656 | No | 28.23701 | 3.55 | 11.25656 |
| 37020 | GLOBAL | Cartesian | 28.23701 | 3.45 | 11.25656 | No | 28.23701 | 3.45 | 11.25656 |
| 37021 | GLOBAL | Cartesian | 28.05129 | 3.55 | 11.23825 | No | 28.05129 | 3.55 | 11.23825 |
| 37022 | GLOBAL | Cartesian | 28.05129 | 3.45 | 11.23825 | No | 28.05129 | 3.45 | 11.23825 |
| 37023 | GLOBAL | Cartesian | 27.86558 | 3.55 | 11.21995 | No | 27.86558 | 3.55 | 11.21995 |
| 37024 | GLOBAL | Cartesian | 27.86558 | 3.45 | 11.21995 | No | 27.86558 | 3.45 | 11.21995 |
| 37025 | GLOBAL | Cartesian | 27.67986 | 3.55 | 11.20164 | No | 27.67986 | 3.55 | 11.20164 |
| 37026 | GLOBAL | Cartesian | 27.67986 | 3.45 | 11.20164 | No | 27.67986 | 3.45 | 11.20164 |
| 37027 | GLOBAL | Cartesian | 27.49415 | 3.55 | 11.18333 | No | 27.49415 | 3.55 | 11.18333 |
| 37028 | GLOBAL | Cartesian | 27.49415 | 3.45 | 11.18333 | No | 27.49415 | 3.45 | 11.18333 |
| 37029 | GLOBAL | Cartesian | 27.30844 | 3.55 | 11.16502 | No | 27.30844 | 3.55 | 11.16502 |
| 37030 | GLOBAL | Cartesian | 27.30844 | 3.45 | 11.16502 | No | 27.30844 | 3.45 | 11.16502 |
| 37031 | GLOBAL | Cartesian | 27.21558 | 3.55 | 11.15587 | No | 27.21558 | 3.55 | 11.15587 |
| 37032 | GLOBAL | Cartesian | 27.21558 | 3.45 | 11.15587 | No | 27.21558 | 3.45 | 11.15587 |
| 37033 | GLOBAL | Cartesian | 27.12272 | 3.55 | 11.14671 | No | 27.12272 | 3.55 | 11.14671 |
| 37034 | GLOBAL | Cartesian | 27.12272 | 3.45 | 11.14671 | No | 27.12272 | 3.45 | 11.14671 |
| 37035 | GLOBAL | Cartesian | 27.02272 | 3.55 | 11.13685 | No | 27.02272 | 3.55 | 11.13685 |
| 37036 | GLOBAL | Cartesian | 27.02272 | 3.45 | 11.13685 | No | 27.02272 | 3.45 | 11.13685 |
| 37037 | GLOBAL | Cartesian | 26.92272 | 3.55 | 11.127 | No | 26.92272 | 3.55 | 11.127 |
| 37038 | GLOBAL | Cartesian | 26.92272 | 3.45 | 11.127 | No | 26.92272 | 3.45 | 11.127 |
| 37039 | GLOBAL | Cartesian | 26.82272 | 3.55 | 11.11714 | No | 26.82272 | 3.55 | 11.11714 |
| 37040 | GLOBAL | Cartesian | 26.82272 | 3.45 | 11.11714 | No | 26.82272 | 3.45 | 11.11714 |
| 37041 | GLOBAL | Cartesian | 26.72272 | 3.55 | 11.10728 | No | 26.72272 | 3.55 | 11.10728 |
| 37042 | GLOBAL | Cartesian | 26.72272 | 3.45 | 11.10728 | No | 26.72272 | 3.45 | 11.10728 |
| 37043 | GLOBAL | Cartesian | 26.53701 | 3.55 | 11.08897 | No | 26.53701 | 3.55 | 11.08897 |
| 37044 | GLOBAL | Cartesian | 26.53701 | 3.45 | 11.08897 | No | 26.53701 | 3.45 | 11.08897 |
| 37045 | GLOBAL | Cartesian | 26.35129 | 3.55 | 11.07066 | No | 26.35129 | 3.55 | 11.07066 |
| 37046 | GLOBAL | Cartesian | 26.35129 | 3.45 | 11.07066 | No | 26.35129 | 3.45 | 11.07066 |
| 37047 | GLOBAL | Cartesian | 26.16558 | 3.55 | 11.05236 | No | 26.16558 | 3.55 | 11.05236 |
| 37048 | GLOBAL | Cartesian | 26.16558 | 3.45 | 11.05236 | No | 26.16558 | 3.45 | 11.05236 |
| 37049 | GLOBAL | Cartesian | 25.97986 | 3.55 | 11.03405 | No | 25.97986 | 3.55 | 11.03405 |
| 37050 | GLOBAL | Cartesian | 25.97986 | 3.45 | 11.03405 | No | 25.97986 | 3.45 | 11.03405 |
| 37051 | GLOBAL | Cartesian | 25.79415 | 3.55 | 11.01574 | No | 25.79415 | 3.55 | 11.01574 |
| 37052 | GLOBAL | Cartesian | 25.79415 | 3.45 | 11.01574 | No | 25.79415 | 3.45 | 11.01574 |
| 37053 | GLOBAL | Cartesian | 25.60844 | 3.55 | 10.99743 | No | 25.60844 | 3.55 | 10.99743 |
| 37054 | GLOBAL | Cartesian | 25.60844 | 3.45 | 10.99743 | No | 25.60844 | 3.45 | 10.99743 |
| 37055 | GLOBAL | Cartesian | 25.42272 | 3.55 | 10.97912 | No | 25.42272 | 3.55 | 10.97912 |
| 37056 | GLOBAL | Cartesian | 25.42272 | 3.45 | 10.97912 | No | 25.42272 | 3.45 | 10.97912 |
| 37057 | GLOBAL | Cartesian | 25.23701 | 3.55 | 10.96082 | No | 25.23701 | 3.55 | 10.96082 |
| 37058 | GLOBAL | Cartesian | 25.23701 | 3.45 | 10.96082 | No | 25.23701 | 3.45 | 10.96082 |
| 37059 | GLOBAL | Cartesian | 25.05129 | 3.55 | 10.94251 | No | 25.05129 | 3.55 | 10.94251 |
| 37060 | GLOBAL | Cartesian | 25.05129 | 3.45 | 10.94251 | No | 25.05129 | 3.45 | 10.94251 |
| 37061 | GLOBAL | Cartesian | 24.86558 | 3.55 | 10.9242 | No | 24.86558 | 3.55 | 10.9242 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37062 | GLOBAL | Cartesian | 24.86558 | 3.45 | 10.9242 | No | 24.86558 | 3.45 | 10.9242 |
| 37063 | GLOBAL | Cartesian | 24.67986 | 3.55 | 10.90589 | No | 24.67986 | 3.55 | 10.90589 |
| 37064 | GLOBAL | Cartesian | 24.67986 | 3.45 | 10.90589 | No | 24.67986 | 3.45 | 10.90589 |
| 37065 | GLOBAL | Cartesian | 24.49415 | 3.55 | 10.88758 | No | 24.49415 | 3.55 | 10.88758 |
| 37066 | GLOBAL | Cartesian | 24.49415 | 3.45 | 10.88758 | No | 24.49415 | 3.45 | 10.88758 |
| 37067 | GLOBAL | Cartesian | 24.30844 | 3.55 | 10.86927 | No | 24.30844 | 3.55 | 10.86927 |
| 37068 | GLOBAL | Cartesian | 24.30844 | 3.45 | 10.86927 | No | 24.30844 | 3.45 | 10.86927 |
| 37069 | GLOBAL | Cartesian | 24.21558 | 3.55 | 10.86012 | No | 24.21558 | 3.55 | 10.86012 |
| 37070 | GLOBAL | Cartesian | 24.21558 | 3.45 | 10.86012 | No | 24.21558 | 3.45 | 10.86012 |
| 37071 | GLOBAL | Cartesian | 24.12272 | 3.55 | 10.85097 | No | 24.12272 | 3.55 | 10.85097 |
| 37072 | GLOBAL | Cartesian | 24.12272 | 3.45 | 10.85097 | No | 24.12272 | 3.45 | 10.85097 |
| 37073 | GLOBAL | Cartesian | 24.02272 | 3.55 | 10.84111 | No | 24.02272 | 3.55 | 10.84111 |
| 37074 | GLOBAL | Cartesian | 24.02272 | 3.45 | 10.84111 | No | 24.02272 | 3.45 | 10.84111 |
| 37075 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.83125 | No | 23.92272 | 3.55 | 10.83125 |
| 37076 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.83125 | No | 23.92272 | 3.45 | 10.83125 |
| 37077 | GLOBAL | Cartesian | 23.82217 | 3.55 | 10.82134 | No | 23.82217 | 3.55 | 10.82134 |
| 37078 | GLOBAL | Cartesian | 23.82217 | 3.45 | 10.82134 | No | 23.82217 | 3.45 | 10.82134 |
| 37079 | GLOBAL | Cartesian | 23.72163 | 3.55 | 10.81143 | No | 23.72163 | 3.55 | 10.81143 |
| 37080 | GLOBAL | Cartesian | 23.72163 | 3.45 | 10.81143 | No | 23.72163 | 3.45 | 10.81143 |
| 37081 | GLOBAL | Cartesian | 23.53601 | 3.55 | 10.79313 | No | 23.53601 | 3.55 | 10.79313 |
| 37082 | GLOBAL | Cartesian | 23.53601 | 3.45 | 10.79313 | No | 23.53601 | 3.45 | 10.79313 |
| 37083 | GLOBAL | Cartesian | 23.35038 | 3.55 | 10.77483 | No | 23.35038 | 3.55 | 10.77483 |
| 37084 | GLOBAL | Cartesian | 23.35038 | 3.45 | 10.77483 | No | 23.35038 | 3.45 | 10.77483 |
| 37085 | GLOBAL | Cartesian | 23.16476 | 3.55 | 10.75653 | No | 23.16476 | 3.55 | 10.75653 |
| 37086 | GLOBAL | Cartesian | 23.16476 | 3.45 | 10.75653 | No | 23.16476 | 3.45 | 10.75653 |
| 37087 | GLOBAL | Cartesian | 22.97914 | 3.55 | 10.73823 | No | 22.97914 | 3.55 | 10.73823 |
| 37088 | GLOBAL | Cartesian | 22.97914 | 3.45 | 10.73823 | No | 22.97914 | 3.45 | 10.73823 |
| 37089 | GLOBAL | Cartesian | 22.79352 | 3.55 | 10.71993 | No | 22.79352 | 3.55 | 10.71993 |
| 37090 | GLOBAL | Cartesian | 22.79352 | 3.45 | 10.71993 | No | 22.79352 | 3.45 | 10.71993 |
| 37091 | GLOBAL | Cartesian | 22.6079 | 3.55 | 10.70163 | No | 22.6079 | 3.55 | 10.70163 |
| 37092 | GLOBAL | Cartesian | 22.6079 | 3.45 | 10.70163 | No | 22.6079 | 3.45 | 10.70163 |
| 37093 | GLOBAL | Cartesian | 22.42228 | 3.55 | 10.68333 | No | 22.42228 | 3.55 | 10.68333 |
| 37094 | GLOBAL | Cartesian | 22.42228 | 3.45 | 10.68333 | No | 22.42228 | 3.45 | 10.68333 |
| 37095 | GLOBAL | Cartesian | 22.23666 | 3.55 | 10.66503 | No | 22.23666 | 3.55 | 10.66503 |
| 37096 | GLOBAL | Cartesian | 22.23666 | 3.45 | 10.66503 | No | 22.23666 | 3.45 | 10.66503 |
| 37097 | GLOBAL | Cartesian | 22.05103 | 3.55 | 10.64674 | No | 22.05103 | 3.55 | 10.64674 |
| 37098 | GLOBAL | Cartesian | 22.05103 | 3.45 | 10.64674 | No | 22.05103 | 3.45 | 10.64674 |
| 37099 | GLOBAL | Cartesian | 21.86541 | 3.55 | 10.62844 | No | 21.86541 | 3.55 | 10.62844 |
| 37100 | GLOBAL | Cartesian | 21.86541 | 3.45 | 10.62844 | No | 21.86541 | 3.45 | 10.62844 |
| 37101 | GLOBAL | Cartesian | 21.67979 | 3.55 | 10.61014 | No | 21.67979 | 3.55 | 10.61014 |
| 37102 | GLOBAL | Cartesian | 21.67979 | 3.45 | 10.61014 | No | 21.67979 | 3.45 | 10.61014 |
| 37103 | GLOBAL | Cartesian | 21.49417 | 3.55 | 10.59184 | No | 21.49417 | 3.55 | 10.59184 |
| 37104 | GLOBAL | Cartesian | 21.49417 | 3.45 | 10.59184 | No | 21.49417 | 3.45 | 10.59184 |
| 37105 | GLOBAL | Cartesian | 21.30855 | 3.55 | 10.57354 | No | 21.30855 | 3.55 | 10.57354 |
| 37106 | GLOBAL | Cartesian | 21.30855 | 3.45 | 10.57354 | No | 21.30855 | 3.45 | 10.57354 |
| 37107 | GLOBAL | Cartesian | 21.12293 | 3.55 | 10.55524 | No | 21.12293 | 3.55 | 10.55524 |
| 37108 | GLOBAL | Cartesian | 21.12293 | 3.45 | 10.55524 | No | 21.12293 | 3.45 | 10.55524 |
| 37109 | GLOBAL | Cartesian | 21.02282 | 3.55 | 10.54537 | No | 21.02282 | 3.55 | 10.54537 |
| 37110 | GLOBAL | Cartesian | 21.02282 | 3.45 | 10.54537 | No | 21.02282 | 3.45 | 10.54537 |
| 37111 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.5355 | No | 20.92272 | 3.55 | 10.5355 |
| 37112 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.5355 | No | 20.92272 | 3.45 | 10.5355 |
| 37113 | GLOBAL | Cartesian | 20.82255 | 3.55 | 10.52563 | No | 20.82255 | 3.55 | 10.52563 |
| 37114 | GLOBAL | Cartesian | 20.82255 | 3.45 | 10.52563 | No | 20.82255 | 3.45 | 10.52563 |
| 37115 | GLOBAL | Cartesian | 20.72238 | 3.55 | 10.51575 | No | 20.72238 | 3.55 | 10.51575 |
| 37116 | GLOBAL | Cartesian | 20.72238 | 3.45 | 10.51575 | No | 20.72238 | 3.45 | 10.51575 |
| 37117 | GLOBAL | Cartesian | 20.53671 | 3.55 | 10.49745 | No | 20.53671 | 3.55 | 10.49745 |
| 37118 | GLOBAL | Cartesian | 20.53671 | 3.45 | 10.49745 | No | 20.53671 | 3.45 | 10.49745 |
| 37119 | GLOBAL | Cartesian | 20.35103 | 3.55 | 10.47915 | No | 20.35103 | 3.55 | 10.47915 |
| 37120 | GLOBAL | Cartesian | 20.35103 | 3.45 | 10.47915 | No | 20.35103 | 3.45 | 10.47915 |
| 37121 | GLOBAL | Cartesian | 20.16536 | 3.55 | 10.46084 | No | 20.16536 | 3.55 | 10.46084 |
| 37122 | GLOBAL | Cartesian | 20.16536 | 3.45 | 10.46084 | No | 20.16536 | 3.45 | 10.46084 |
| 37123 | GLOBAL | Cartesian | 19.97968 | 3.55 | 10.44254 | No | 19.97968 | 3.55 | 10.44254 |
| 37124 | GLOBAL | Cartesian | 19.97968 | 3.45 | 10.44254 | No | 19.97968 | 3.45 | 10.44254 |
| 37125 | GLOBAL | Cartesian | 19.794 | 3.55 | 10.42423 | No | 19.794 | 3.55 | 10.42423 |
| 37126 | GLOBAL | Cartesian | 19.794 | 3.45 | 10.42423 | No | 19.794 | 3.45 | 10.42423 |
| 37127 | GLOBAL | Cartesian | 19.60833 | 3.55 | 10.40593 | No | 19.60833 | 3.55 | 10.40593 |
| 37128 | GLOBAL | Cartesian | 19.60833 | 3.45 | 10.40593 | No | 19.60833 | 3.45 | 10.40593 |
| 37129 | GLOBAL | Cartesian | 19.42265 | 3.55 | 10.38762 | No | 19.42265 | 3.55 | 10.38762 |
| 37130 | GLOBAL | Cartesian | 19.42265 | 3.45 | 10.38762 | No | 19.42265 | 3.45 | 10.38762 |
| 37131 | GLOBAL | Cartesian | 19.23698 | 3.55 | 10.36932 | No | 19.23698 | 3.55 | 10.36932 |
| 37132 | GLOBAL | Cartesian | 19.23698 | 3.45 | 10.36932 | No | 19.23698 | 3.45 | 10.36932 |
| 37133 | GLOBAL | Cartesian | 19.0513 | 3.55 | 10.35102 | No | 19.0513 | 3.55 | 10.35102 |
| 37134 | GLOBAL | Cartesian | 19.0513 | 3.45 | 10.35102 | No | 19.0513 | 3.45 | 10.35102 |
| 37135 | GLOBAL | Cartesian | 18.86562 | 3.55 | 10.33271 | No | 18.86562 | 3.55 | 10.33271 |
| 37136 | GLOBAL | Cartesian | 18.86562 | 3.45 | 10.33271 | No | 18.86562 | 3.45 | 10.33271 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37137 | GLOBAL | Cartesian | 18.67995 | 3.55 | 10.31441 | No | 18.67995 | 3.55 | 10.31441 |
| 37138 | GLOBAL | Cartesian | 18.67995 | 3.45 | 10.31441 | No | 18.67995 | 3.45 | 10.31441 |
| 37139 | GLOBAL | Cartesian | 18.49427 | 3.55 | 10.2961 | No | 18.49427 | 3.55 | 10.2961 |
| 37140 | GLOBAL | Cartesian | 18.49427 | 3.45 | 10.2961 | No | 18.49427 | 3.45 | 10.2961 |
| 37141 | GLOBAL | Cartesian | 18.40143 | 3.55 | 10.28695 | No | 18.40143 | 3.55 | 10.28695 |
| 37142 | GLOBAL | Cartesian | 18.40143 | 3.45 | 10.28695 | No | 18.40143 | 3.45 | 10.28695 |
| 37143 | GLOBAL | Cartesian | 18.3086 | 3.55 | 10.2778 | No | 18.3086 | 3.55 | 10.2778 |
| 37144 | GLOBAL | Cartesian | 18.3086 | 3.45 | 10.2778 | No | 18.3086 | 3.45 | 10.2778 |
| 37145 | GLOBAL | Cartesian | 18.12292 | 3.55 | 10.25949 | No | 18.12292 | 3.55 | 10.25949 |
| 37146 | GLOBAL | Cartesian | 18.12292 | 3.45 | 10.25949 | No | 18.12292 | 3.45 | 10.25949 |
| 37147 | GLOBAL | Cartesian | 18.02282 | 3.55 | 10.24963 | No | 18.02282 | 3.55 | 10.24963 |
| 37148 | GLOBAL | Cartesian | 18.02282 | 3.45 | 10.24963 | No | 18.02282 | 3.45 | 10.24963 |
| 37149 | GLOBAL | Cartesian | 17.92272 | 3.55 | 10.23976 | No | 17.92272 | 3.55 | 10.23976 |
| 37150 | GLOBAL | Cartesian | 17.92272 | 3.45 | 10.23976 | No | 17.92272 | 3.45 | 10.23976 |
| 37151 | GLOBAL | Cartesian | 17.82272 | 3.55 | 10.2299 | No | 17.82272 | 3.55 | 10.2299 |
| 37152 | GLOBAL | Cartesian | 17.82272 | 3.45 | 10.2299 | No | 17.82272 | 3.45 | 10.2299 |
| 37153 | GLOBAL | Cartesian | 17.72272 | 3.55 | 10.22004 | No | 17.72272 | 3.55 | 10.22004 |
| 37154 | GLOBAL | Cartesian | 17.72272 | 3.45 | 10.22004 | No | 17.72272 | 3.45 | 10.22004 |
| 37155 | GLOBAL | Cartesian | 17.53702 | 3.55 | 10.20173 | No | 17.53702 | 3.55 | 10.20173 |
| 37156 | GLOBAL | Cartesian | 17.53702 | 3.45 | 10.20173 | No | 17.53702 | 3.45 | 10.20173 |
| 37157 | GLOBAL | Cartesian | 17.35132 | 3.55 | 10.18343 | No | 17.35132 | 3.55 | 10.18343 |
| 37158 | GLOBAL | Cartesian | 17.35132 | 3.45 | 10.18343 | No | 17.35132 | 3.45 | 10.18343 |
| 37159 | GLOBAL | Cartesian | 17.16562 | 3.55 | 10.16512 | No | 17.16562 | 3.55 | 10.16512 |
| 37160 | GLOBAL | Cartesian | 17.16562 | 3.45 | 10.16512 | No | 17.16562 | 3.45 | 10.16512 |
| 37161 | GLOBAL | Cartesian | 16.97992 | 3.55 | 10.14681 | No | 16.97992 | 3.55 | 10.14681 |
| 37162 | GLOBAL | Cartesian | 16.97992 | 3.45 | 10.14681 | No | 16.97992 | 3.45 | 10.14681 |
| 37163 | GLOBAL | Cartesian | 16.79422 | 3.55 | 10.12851 | No | 16.79422 | 3.55 | 10.12851 |
| 37164 | GLOBAL | Cartesian | 16.79422 | 3.45 | 10.12851 | No | 16.79422 | 3.45 | 10.12851 |
| 37165 | GLOBAL | Cartesian | 16.60852 | 3.55 | 10.1102 | No | 16.60852 | 3.55 | 10.1102 |
| 37166 | GLOBAL | Cartesian | 16.60852 | 3.45 | 10.1102 | No | 16.60852 | 3.45 | 10.1102 |
| 37167 | GLOBAL | Cartesian | 16.42282 | 3.55 | 10.09189 | No | 16.42282 | 3.55 | 10.09189 |
| 37168 | GLOBAL | Cartesian | 16.42282 | 3.45 | 10.09189 | No | 16.42282 | 3.45 | 10.09189 |
| 37169 | GLOBAL | Cartesian | 16.23712 | 3.55 | 10.07359 | No | 16.23712 | 3.55 | 10.07359 |
| 37170 | GLOBAL | Cartesian | 16.23712 | 3.45 | 10.07359 | No | 16.23712 | 3.45 | 10.07359 |
| 37171 | GLOBAL | Cartesian | 16.05142 | 3.55 | 10.05528 | No | 16.05142 | 3.55 | 10.05528 |
| 37172 | GLOBAL | Cartesian | 16.05142 | 3.45 | 10.05528 | No | 16.05142 | 3.45 | 10.05528 |
| 37173 | GLOBAL | Cartesian | 15.86572 | 3.55 | 10.03697 | No | 15.86572 | 3.55 | 10.03697 |
| 37174 | GLOBAL | Cartesian | 15.86572 | 3.45 | 10.03697 | No | 15.86572 | 3.45 | 10.03697 |
| 37175 | GLOBAL | Cartesian | 15.68002 | 3.55 | 10.01867 | No | 15.68002 | 3.55 | 10.01867 |
| 37176 | GLOBAL | Cartesian | 15.68002 | 3.45 | 10.01867 | No | 15.68002 | 3.45 | 10.01867 |
| 37177 | GLOBAL | Cartesian | 15.49432 | 3.55 | 10.00036 | No | 15.49432 | 3.55 | 10.00036 |
| 37178 | GLOBAL | Cartesian | 15.49432 | 3.45 | 10.00036 | No | 15.49432 | 3.45 | 10.00036 |
| 37179 | GLOBAL | Cartesian | 15.30862 | 3.55 | 9.98205 | No | 15.30862 | 3.55 | 9.98205 |
| 37180 | GLOBAL | Cartesian | 15.30862 | 3.45 | 9.98205 | No | 15.30862 | 3.45 | 9.98205 |
| 37181 | GLOBAL | Cartesian | 15.12292 | 3.55 | 9.96375 | No | 15.12292 | 3.55 | 9.96375 |
| 37182 | GLOBAL | Cartesian | 15.12292 | 3.45 | 9.96375 | No | 15.12292 | 3.45 | 9.96375 |
| 37183 | GLOBAL | Cartesian | 15.02282 | 3.55 | 9.95388 | No | 15.02282 | 3.55 | 9.95388 |
| 37184 | GLOBAL | Cartesian | 15.02282 | 3.45 | 9.95388 | No | 15.02282 | 3.45 | 9.95388 |
| 37185 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.94401 | No | 14.92272 | 3.55 | 9.94401 |
| 37186 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.94401 | No | 14.92272 | 3.45 | 9.94401 |
| 37187 | GLOBAL | Cartesian | 14.73522 | 3.55 | 9.92553 | No | 14.73522 | 3.55 | 9.92553 |
| 37188 | GLOBAL | Cartesian | 14.73522 | 3.45 | 9.92553 | No | 14.73522 | 3.45 | 9.92553 |
| 37189 | GLOBAL | Cartesian | 14.54772 | 3.55 | 9.90704 | No | 14.54772 | 3.55 | 9.90704 |
| 37190 | GLOBAL | Cartesian | 14.54772 | 3.45 | 9.90704 | No | 14.54772 | 3.45 | 9.90704 |
| 37191 | GLOBAL | Cartesian | 14.36022 | 3.55 | 9.88856 | No | 14.36022 | 3.55 | 9.88856 |
| 37192 | GLOBAL | Cartesian | 14.36022 | 3.45 | 9.88856 | No | 14.36022 | 3.45 | 9.88856 |
| 37193 | GLOBAL | Cartesian | 14.17272 | 3.55 | 9.87007 | No | 14.17272 | 3.55 | 9.87007 |
| 37194 | GLOBAL | Cartesian | 14.17272 | 3.45 | 9.87007 | No | 14.17272 | 3.45 | 9.87007 |
| 37195 | GLOBAL | Cartesian | 13.98522 | 3.55 | 9.85159 | No | 13.98522 | 3.55 | 9.85159 |
| 37196 | GLOBAL | Cartesian | 13.98522 | 3.45 | 9.85159 | No | 13.98522 | 3.45 | 9.85159 |
| 37197 | GLOBAL | Cartesian | 13.79772 | 3.55 | 9.83311 | No | 13.79772 | 3.55 | 9.83311 |
| 37198 | GLOBAL | Cartesian | 13.79772 | 3.45 | 9.83311 | No | 13.79772 | 3.45 | 9.83311 |
| 37199 | GLOBAL | Cartesian | 13.61022 | 3.55 | 9.81462 | No | 13.61022 | 3.55 | 9.81462 |
| 37200 | GLOBAL | Cartesian | 13.61022 | 3.45 | 9.81462 | No | 13.61022 | 3.45 | 9.81462 |
| 37201 | GLOBAL | Cartesian | 13.42272 | 3.55 | 9.79614 | No | 13.42272 | 3.55 | 9.79614 |
| 37202 | GLOBAL | Cartesian | 13.42272 | 3.45 | 9.79614 | No | 13.42272 | 3.45 | 9.79614 |
| 37203 | GLOBAL | Cartesian | 13.23522 | 3.55 | 9.77765 | No | 13.23522 | 3.55 | 9.77765 |
| 37204 | GLOBAL | Cartesian | 13.23522 | 3.45 | 9.77765 | No | 13.23522 | 3.45 | 9.77765 |
| 37205 | GLOBAL | Cartesian | 13.04772 | 3.55 | 9.75917 | No | 13.04772 | 3.55 | 9.75917 |
| 37206 | GLOBAL | Cartesian | 13.04772 | 3.45 | 9.75917 | No | 13.04772 | 3.45 | 9.75917 |
| 37207 | GLOBAL | Cartesian | 12.86022 | 3.55 | 9.74069 | No | 12.86022 | 3.55 | 9.74069 |
| 37208 | GLOBAL | Cartesian | 12.86022 | 3.45 | 9.74069 | No | 12.86022 | 3.45 | 9.74069 |
| 37209 | GLOBAL | Cartesian | 12.67272 | 3.55 | 9.7222 | No | 12.67272 | 3.55 | 9.7222 |
| 37210 | GLOBAL | Cartesian | 12.67272 | 3.45 | 9.7222 | No | 12.67272 | 3.45 | 9.7222 |
| 37211 | GLOBAL | Cartesian | 12.48522 | 3.55 | 9.70372 | No | 12.48522 | 3.55 | 9.70372 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37212 | GLOBAL | Cartesian | 12.48522 | 3.45 | 9.70372 | No | 12.48522 | 3.45 | 9.70372 |
| 37213 | GLOBAL | Cartesian | 12.29772 | 3.55 | 9.68523 | No | 12.29772 | 3.55 | 9.68523 |
| 37214 | GLOBAL | Cartesian | 12.29772 | 3.45 | 9.68523 | No | 12.29772 | 3.45 | 9.68523 |
| 37215 | GLOBAL | Cartesian | 12.11022 | 3.55 | 9.66675 | No | 12.11022 | 3.55 | 9.66675 |
| 37216 | GLOBAL | Cartesian | 12.11022 | 3.45 | 9.66675 | No | 12.11022 | 3.45 | 9.66675 |
| 37217 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.64826 | No | 11.92272 | 3.55 | 9.64826 |
| 37218 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.64826 | No | 11.92272 | 3.45 | 9.64826 |
| 37219 | GLOBAL | Cartesian | 11.73522 | 3.55 | 9.62978 | No | 11.73522 | 3.55 | 9.62978 |
| 37220 | GLOBAL | Cartesian | 11.73522 | 3.45 | 9.62978 | No | 11.73522 | 3.45 | 9.62978 |
| 37221 | GLOBAL | Cartesian | 11.54772 | 3.55 | 9.6113 | No | 11.54772 | 3.55 | 9.6113 |
| 37222 | GLOBAL | Cartesian | 11.54772 | 3.45 | 9.6113 | No | 11.54772 | 3.45 | 9.6113 |
| 37223 | GLOBAL | Cartesian | 11.36022 | 3.55 | 9.59281 | No | 11.36022 | 3.55 | 9.59281 |
| 37224 | GLOBAL | Cartesian | 11.36022 | 3.45 | 9.59281 | No | 11.36022 | 3.45 | 9.59281 |
| 37225 | GLOBAL | Cartesian | 11.17272 | 3.55 | 9.57433 | No | 11.17272 | 3.55 | 9.57433 |
| 37226 | GLOBAL | Cartesian | 11.17272 | 3.45 | 9.57433 | No | 11.17272 | 3.45 | 9.57433 |
| 37227 | GLOBAL | Cartesian | 10.98522 | 3.55 | 9.55584 | No | 10.98522 | 3.55 | 9.55584 |
| 37228 | GLOBAL | Cartesian | 10.98522 | 3.45 | 9.55584 | No | 10.98522 | 3.45 | 9.55584 |
| 37229 | GLOBAL | Cartesian | 10.79772 | 3.55 | 9.53736 | No | 10.79772 | 3.55 | 9.53736 |
| 37230 | GLOBAL | Cartesian | 10.79772 | 3.45 | 9.53736 | No | 10.79772 | 3.45 | 9.53736 |
| 37231 | GLOBAL | Cartesian | 10.61022 | 3.55 | 9.51888 | No | 10.61022 | 3.55 | 9.51888 |
| 37232 | GLOBAL | Cartesian | 10.61022 | 3.45 | 9.51888 | No | 10.61022 | 3.45 | 9.51888 |
| 37233 | GLOBAL | Cartesian | 10.42272 | 3.55 | 9.50039 | No | 10.42272 | 3.55 | 9.50039 |
| 37234 | GLOBAL | Cartesian | 10.42272 | 3.45 | 9.50039 | No | 10.42272 | 3.45 | 9.50039 |
| 37235 | GLOBAL | Cartesian | 10.23522 | 3.55 | 9.48191 | No | 10.23522 | 3.55 | 9.48191 |
| 37236 | GLOBAL | Cartesian | 10.23522 | 3.45 | 9.48191 | No | 10.23522 | 3.45 | 9.48191 |
| 37237 | GLOBAL | Cartesian | 10.04772 | 3.55 | 9.46342 | No | 10.04772 | 3.55 | 9.46342 |
| 37238 | GLOBAL | Cartesian | 10.04772 | 3.45 | 9.46342 | No | 10.04772 | 3.45 | 9.46342 |
| 37239 | GLOBAL | Cartesian | 9.86022 | 3.55 | 9.44494 | No | 9.86022 | 3.55 | 9.44494 |
| 37240 | GLOBAL | Cartesian | 9.86022 | 3.45 | 9.44494 | No | 9.86022 | 3.45 | 9.44494 |
| 37241 | GLOBAL | Cartesian | 9.67272 | 3.55 | 9.42645 | No | 9.67272 | 3.55 | 9.42645 |
| 37242 | GLOBAL | Cartesian | 9.67272 | 3.45 | 9.42645 | No | 9.67272 | 3.45 | 9.42645 |
| 37243 | GLOBAL | Cartesian | 9.48522 | 3.55 | 9.40797 | No | 9.48522 | 3.55 | 9.40797 |
| 37244 | GLOBAL | Cartesian | 9.48522 | 3.45 | 9.40797 | No | 9.48522 | 3.45 | 9.40797 |
| 37245 | GLOBAL | Cartesian | 9.29772 | 3.55 | 9.38949 | No | 9.29772 | 3.55 | 9.38949 |
| 37246 | GLOBAL | Cartesian | 9.29772 | 3.45 | 9.38949 | No | 9.29772 | 3.45 | 9.38949 |
| 37247 | GLOBAL | Cartesian | 9.11022 | 3.55 | 9.371 | No | 9.11022 | 3.55 | 9.371 |
| 37248 | GLOBAL | Cartesian | 9.11022 | 3.45 | 9.371 | No | 9.11022 | 3.45 | 9.371 |
| 37249 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.35252 | No | 8.92272 | 3.55 | 9.35252 |
| 37250 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.35252 | No | 8.92272 | 3.45 | 9.35252 |
| 37251 | GLOBAL | Cartesian | 31.23701 | 3.75 | 11.55231 | No | 31.23701 | 3.75 | 11.55231 |
| 37252 | GLOBAL | Cartesian | 31.23701 | 3.85 | 11.55231 | No | 31.23701 | 3.85 | 11.55231 |
| 37253 | GLOBAL | Cartesian | 31.05129 | 3.75 | 11.534 | No | 31.05129 | 3.75 | 11.534 |
| 37254 | GLOBAL | Cartesian | 31.05129 | 3.85 | 11.534 | No | 31.05129 | 3.85 | 11.534 |
| 37255 | GLOBAL | Cartesian | 30.86558 | 3.75 | 11.51569 | No | 30.86558 | 3.75 | 11.51569 |
| 37256 | GLOBAL | Cartesian | 30.86558 | 3.85 | 11.51569 | No | 30.86558 | 3.85 | 11.51569 |
| 37257 | GLOBAL | Cartesian | 30.67986 | 3.75 | 11.49738 | No | 30.67986 | 3.75 | 11.49738 |
| 37258 | GLOBAL | Cartesian | 30.67986 | 3.85 | 11.49738 | No | 30.67986 | 3.85 | 11.49738 |
| 37259 | GLOBAL | Cartesian | 30.49415 | 3.75 | 11.47908 | No | 30.49415 | 3.75 | 11.47908 |
| 37260 | GLOBAL | Cartesian | 30.49415 | 3.85 | 11.47908 | No | 30.49415 | 3.85 | 11.47908 |
| 37261 | GLOBAL | Cartesian | 30.30844 | 3.75 | 11.46077 | No | 30.30844 | 3.75 | 11.46077 |
| 37262 | GLOBAL | Cartesian | 30.30844 | 3.85 | 11.46077 | No | 30.30844 | 3.85 | 11.46077 |
| 37263 | GLOBAL | Cartesian | 30.21558 | 3.75 | 11.45161 | No | 30.21558 | 3.75 | 11.45161 |
| 37264 | GLOBAL | Cartesian | 30.21558 | 3.85 | 11.45161 | No | 30.21558 | 3.85 | 11.45161 |
| 37265 | GLOBAL | Cartesian | 30.16915 | 3.75 | 11.44704 | No | 30.16915 | 3.75 | 11.44704 |
| 37266 | GLOBAL | Cartesian | 30.16915 | 3.85 | 11.44704 | No | 30.16915 | 3.85 | 11.44704 |
| 37267 | GLOBAL | Cartesian | 30.12272 | 3.75 | 11.44246 | No | 30.12272 | 3.75 | 11.44246 |
| 37268 | GLOBAL | Cartesian | 30.12272 | 3.85 | 11.44246 | No | 30.12272 | 3.85 | 11.44246 |
| 37269 | GLOBAL | Cartesian | 30.02272 | 3.75 | 11.4326 | No | 30.02272 | 3.75 | 11.4326 |
| 37270 | GLOBAL | Cartesian | 30.02272 | 3.85 | 11.4326 | No | 30.02272 | 3.85 | 11.4326 |
| 37271 | GLOBAL | Cartesian | 29.92272 | 3.75 | 11.42274 | No | 29.92272 | 3.75 | 11.42274 |
| 37272 | GLOBAL | Cartesian | 29.92272 | 3.85 | 11.42274 | No | 29.92272 | 3.85 | 11.42274 |
| 37273 | GLOBAL | Cartesian | 29.82272 | 3.75 | 11.41288 | No | 29.82272 | 3.75 | 11.41288 |
| 37274 | GLOBAL | Cartesian | 29.82272 | 3.85 | 11.41288 | No | 29.82272 | 3.85 | 11.41288 |
| 37275 | GLOBAL | Cartesian | 29.72272 | 3.75 | 11.40303 | No | 29.72272 | 3.75 | 11.40303 |
| 37276 | GLOBAL | Cartesian | 29.72272 | 3.85 | 11.40303 | No | 29.72272 | 3.85 | 11.40303 |
| 37277 | GLOBAL | Cartesian | 29.53701 | 3.75 | 11.38472 | No | 29.53701 | 3.75 | 11.38472 |
| 37278 | GLOBAL | Cartesian | 29.53701 | 3.85 | 11.38472 | No | 29.53701 | 3.85 | 11.38472 |
| 37279 | GLOBAL | Cartesian | 29.35129 | 3.75 | 11.36641 | No | 29.35129 | 3.75 | 11.36641 |
| 37280 | GLOBAL | Cartesian | 29.35129 | 3.85 | 11.36641 | No | 29.35129 | 3.85 | 11.36641 |
| 37281 | GLOBAL | Cartesian | 29.16558 | 3.75 | 11.3481 | No | 29.16558 | 3.75 | 11.3481 |
| 37282 | GLOBAL | Cartesian | 29.16558 | 3.85 | 11.3481 | No | 29.16558 | 3.85 | 11.3481 |
| 37283 | GLOBAL | Cartesian | 28.97986 | 3.75 | 11.32979 | No | 28.97986 | 3.75 | 11.32979 |
| 37284 | GLOBAL | Cartesian | 28.97986 | 3.85 | 11.32979 | No | 28.97986 | 3.85 | 11.32979 |
| 37285 | GLOBAL | Cartesian | 28.79415 | 3.75 | 11.31149 | No | 28.79415 | 3.75 | 11.31149 |
| 37286 | GLOBAL | Cartesian | 28.79415 | 3.85 | 11.31149 | No | 28.79415 | 3.85 | 11.31149 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37287 | GLOBAL | Cartesian | 28.60844 | 3.75 | 11.29318 | No | 28.60844 | 3.75 | 11.29318 |
| 37288 | GLOBAL | Cartesian | 28.60844 | 3.85 | 11.29318 | No | 28.60844 | 3.85 | 11.29318 |
| 37289 | GLOBAL | Cartesian | 28.42272 | 3.75 | 11.27487 | No | 28.42272 | 3.75 | 11.27487 |
| 37290 | GLOBAL | Cartesian | 28.42272 | 3.85 | 11.27487 | No | 28.42272 | 3.85 | 11.27487 |
| 37291 | GLOBAL | Cartesian | 28.23701 | 3.75 | 11.25656 | No | 28.23701 | 3.75 | 11.25656 |
| 37292 | GLOBAL | Cartesian | 28.23701 | 3.85 | 11.25656 | No | 28.23701 | 3.85 | 11.25656 |
| 37293 | GLOBAL | Cartesian | 28.05129 | 3.75 | 11.23825 | No | 28.05129 | 3.75 | 11.23825 |
| 37294 | GLOBAL | Cartesian | 28.05129 | 3.85 | 11.23825 | No | 28.05129 | 3.85 | 11.23825 |
| 37295 | GLOBAL | Cartesian | 27.86558 | 3.75 | 11.21995 | No | 27.86558 | 3.75 | 11.21995 |
| 37296 | GLOBAL | Cartesian | 27.86558 | 3.85 | 11.21995 | No | 27.86558 | 3.85 | 11.21995 |
| 37297 | GLOBAL | Cartesian | 27.67986 | 3.75 | 11.20164 | No | 27.67986 | 3.75 | 11.20164 |
| 37298 | GLOBAL | Cartesian | 27.67986 | 3.85 | 11.20164 | No | 27.67986 | 3.85 | 11.20164 |
| 37299 | GLOBAL | Cartesian | 27.49415 | 3.75 | 11.18333 | No | 27.49415 | 3.75 | 11.18333 |
| 37300 | GLOBAL | Cartesian | 27.49415 | 3.85 | 11.18333 | No | 27.49415 | 3.85 | 11.18333 |
| 37301 | GLOBAL | Cartesian | 27.30844 | 3.75 | 11.16502 | No | 27.30844 | 3.75 | 11.16502 |
| 37302 | GLOBAL | Cartesian | 27.30844 | 3.85 | 11.16502 | No | 27.30844 | 3.85 | 11.16502 |
| 37303 | GLOBAL | Cartesian | 27.21558 | 3.75 | 11.15587 | No | 27.21558 | 3.75 | 11.15587 |
| 37304 | GLOBAL | Cartesian | 27.21558 | 3.85 | 11.15587 | No | 27.21558 | 3.85 | 11.15587 |
| 37305 | GLOBAL | Cartesian | 27.12272 | 3.75 | 11.14671 | No | 27.12272 | 3.75 | 11.14671 |
| 37306 | GLOBAL | Cartesian | 27.12272 | 3.85 | 11.14671 | No | 27.12272 | 3.85 | 11.14671 |
| 37307 | GLOBAL | Cartesian | 27.02272 | 3.75 | 11.13685 | No | 27.02272 | 3.75 | 11.13685 |
| 37308 | GLOBAL | Cartesian | 27.02272 | 3.85 | 11.13685 | No | 27.02272 | 3.85 | 11.13685 |
| 37309 | GLOBAL | Cartesian | 26.92272 | 3.75 | 11.127 | No | 26.92272 | 3.75 | 11.127 |
| 37310 | GLOBAL | Cartesian | 26.92272 | 3.85 | 11.127 | No | 26.92272 | 3.85 | 11.127 |
| 37311 | GLOBAL | Cartesian | 26.82272 | 3.75 | 11.11714 | No | 26.82272 | 3.75 | 11.11714 |
| 37312 | GLOBAL | Cartesian | 26.82272 | 3.85 | 11.11714 | No | 26.82272 | 3.85 | 11.11714 |
| 37313 | GLOBAL | Cartesian | 26.72272 | 3.75 | 11.10728 | No | 26.72272 | 3.75 | 11.10728 |
| 37314 | GLOBAL | Cartesian | 26.72272 | 3.85 | 11.10728 | No | 26.72272 | 3.85 | 11.10728 |
| 37315 | GLOBAL | Cartesian | 26.53701 | 3.75 | 11.08897 | No | 26.53701 | 3.75 | 11.08897 |
| 37316 | GLOBAL | Cartesian | 26.53701 | 3.85 | 11.08897 | No | 26.53701 | 3.85 | 11.08897 |
| 37317 | GLOBAL | Cartesian | 26.35129 | 3.75 | 11.07066 | No | 26.35129 | 3.75 | 11.07066 |
| 37318 | GLOBAL | Cartesian | 26.35129 | 3.85 | 11.07066 | No | 26.35129 | 3.85 | 11.07066 |
| 37319 | GLOBAL | Cartesian | 26.16558 | 3.75 | 11.05236 | No | 26.16558 | 3.75 | 11.05236 |
| 37320 | GLOBAL | Cartesian | 26.16558 | 3.85 | 11.05236 | No | 26.16558 | 3.85 | 11.05236 |
| 37321 | GLOBAL | Cartesian | 25.97986 | 3.75 | 11.03405 | No | 25.97986 | 3.75 | 11.03405 |
| 37322 | GLOBAL | Cartesian | 25.97986 | 3.85 | 11.03405 | No | 25.97986 | 3.85 | 11.03405 |
| 37323 | GLOBAL | Cartesian | 25.79415 | 3.75 | 11.01574 | No | 25.79415 | 3.75 | 11.01574 |
| 37324 | GLOBAL | Cartesian | 25.79415 | 3.85 | 11.01574 | No | 25.79415 | 3.85 | 11.01574 |
| 37325 | GLOBAL | Cartesian | 25.60844 | 3.75 | 10.99743 | No | 25.60844 | 3.75 | 10.99743 |
| 37326 | GLOBAL | Cartesian | 25.60844 | 3.85 | 10.99743 | No | 25.60844 | 3.85 | 10.99743 |
| 37327 | GLOBAL | Cartesian | 25.42272 | 3.75 | 10.97912 | No | 25.42272 | 3.75 | 10.97912 |
| 37328 | GLOBAL | Cartesian | 25.42272 | 3.85 | 10.97912 | No | 25.42272 | 3.85 | 10.97912 |
| 37329 | GLOBAL | Cartesian | 25.23701 | 3.75 | 10.96082 | No | 25.23701 | 3.75 | 10.96082 |
| 37330 | GLOBAL | Cartesian | 25.23701 | 3.85 | 10.96082 | No | 25.23701 | 3.85 | 10.96082 |
| 37331 | GLOBAL | Cartesian | 25.05129 | 3.75 | 10.94251 | No | 25.05129 | 3.75 | 10.94251 |
| 37332 | GLOBAL | Cartesian | 25.05129 | 3.85 | 10.94251 | No | 25.05129 | 3.85 | 10.94251 |
| 37333 | GLOBAL | Cartesian | 24.86558 | 3.75 | 10.9242 | No | 24.86558 | 3.75 | 10.9242 |
| 37334 | GLOBAL | Cartesian | 24.86558 | 3.85 | 10.9242 | No | 24.86558 | 3.85 | 10.9242 |
| 37335 | GLOBAL | Cartesian | 24.67986 | 3.75 | 10.90589 | No | 24.67986 | 3.75 | 10.90589 |
| 37336 | GLOBAL | Cartesian | 24.67986 | 3.85 | 10.90589 | No | 24.67986 | 3.85 | 10.90589 |
| 37337 | GLOBAL | Cartesian | 24.49415 | 3.75 | 10.88758 | No | 24.49415 | 3.75 | 10.88758 |
| 37338 | GLOBAL | Cartesian | 24.49415 | 3.85 | 10.88758 | No | 24.49415 | 3.85 | 10.88758 |
| 37339 | GLOBAL | Cartesian | 24.30844 | 3.75 | 10.86927 | No | 24.30844 | 3.75 | 10.86927 |
| 37340 | GLOBAL | Cartesian | 24.30844 | 3.85 | 10.86927 | No | 24.30844 | 3.85 | 10.86927 |
| 37341 | GLOBAL | Cartesian | 24.21558 | 3.75 | 10.86012 | No | 24.21558 | 3.75 | 10.86012 |
| 37342 | GLOBAL | Cartesian | 24.21558 | 3.85 | 10.86012 | No | 24.21558 | 3.85 | 10.86012 |
| 37343 | GLOBAL | Cartesian | 24.12272 | 3.75 | 10.85097 | No | 24.12272 | 3.75 | 10.85097 |
| 37344 | GLOBAL | Cartesian | 24.12272 | 3.85 | 10.85097 | No | 24.12272 | 3.85 | 10.85097 |
| 37345 | GLOBAL | Cartesian | 24.02272 | 3.75 | 10.84111 | No | 24.02272 | 3.75 | 10.84111 |
| 37346 | GLOBAL | Cartesian | 24.02272 | 3.85 | 10.84111 | No | 24.02272 | 3.85 | 10.84111 |
| 37347 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.83125 | No | 23.92272 | 3.75 | 10.83125 |
| 37348 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.83125 | No | 23.92272 | 3.85 | 10.83125 |
| 37349 | GLOBAL | Cartesian | 23.82217 | 3.75 | 10.82134 | No | 23.82217 | 3.75 | 10.82134 |
| 37350 | GLOBAL | Cartesian | 23.82217 | 3.85 | 10.82134 | No | 23.82217 | 3.85 | 10.82134 |
| 37351 | GLOBAL | Cartesian | 23.72163 | 3.75 | 10.81143 | No | 23.72163 | 3.75 | 10.81143 |
| 37352 | GLOBAL | Cartesian | 23.72163 | 3.85 | 10.81143 | No | 23.72163 | 3.85 | 10.81143 |
| 37353 | GLOBAL | Cartesian | 23.53601 | 3.75 | 10.79313 | No | 23.53601 | 3.75 | 10.79313 |
| 37354 | GLOBAL | Cartesian | 23.53601 | 3.85 | 10.79313 | No | 23.53601 | 3.85 | 10.79313 |
| 37355 | GLOBAL | Cartesian | 23.35038 | 3.75 | 10.77483 | No | 23.35038 | 3.75 | 10.77483 |
| 37356 | GLOBAL | Cartesian | 23.35038 | 3.85 | 10.77483 | No | 23.35038 | 3.85 | 10.77483 |
| 37357 | GLOBAL | Cartesian | 23.16476 | 3.75 | 10.75653 | No | 23.16476 | 3.75 | 10.75653 |
| 37358 | GLOBAL | Cartesian | 23.16476 | 3.85 | 10.75653 | No | 23.16476 | 3.85 | 10.75653 |
| 37359 | GLOBAL | Cartesian | 22.97914 | 3.75 | 10.73823 | No | 22.97914 | 3.75 | 10.73823 |
| 37360 | GLOBAL | Cartesian | 22.97914 | 3.85 | 10.73823 | No | 22.97914 | 3.85 | 10.73823 |
| 37361 | GLOBAL | Cartesian | 22.79352 | 3.75 | 10.71993 | No | 22.79352 | 3.75 | 10.71993 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37362 | GLOBAL | Cartesian | 22.79352 | 3.85 | 10.71993 | No | 22.79352 | 3.85 | 10.71993 |
| 37363 | GLOBAL | Cartesian | 22.6079 | 3.75 | 10.70163 | No | 22.6079 | 3.75 | 10.70163 |
| 37364 | GLOBAL | Cartesian | 22.6079 | 3.85 | 10.70163 | No | 22.6079 | 3.85 | 10.70163 |
| 37365 | GLOBAL | Cartesian | 22.42228 | 3.75 | 10.68333 | No | 22.42228 | 3.75 | 10.68333 |
| 37366 | GLOBAL | Cartesian | 22.42228 | 3.85 | 10.68333 | No | 22.42228 | 3.85 | 10.68333 |
| 37367 | GLOBAL | Cartesian | 22.23666 | 3.75 | 10.66503 | No | 22.23666 | 3.75 | 10.66503 |
| 37368 | GLOBAL | Cartesian | 22.23666 | 3.85 | 10.66503 | No | 22.23666 | 3.85 | 10.66503 |
| 37369 | GLOBAL | Cartesian | 22.05103 | 3.75 | 10.64674 | No | 22.05103 | 3.75 | 10.64674 |
| 37370 | GLOBAL | Cartesian | 22.05103 | 3.85 | 10.64674 | No | 22.05103 | 3.85 | 10.64674 |
| 37371 | GLOBAL | Cartesian | 21.86541 | 3.75 | 10.62844 | No | 21.86541 | 3.75 | 10.62844 |
| 37372 | GLOBAL | Cartesian | 21.86541 | 3.85 | 10.62844 | No | 21.86541 | 3.85 | 10.62844 |
| 37373 | GLOBAL | Cartesian | 21.67979 | 3.75 | 10.61014 | No | 21.67979 | 3.75 | 10.61014 |
| 37374 | GLOBAL | Cartesian | 21.67979 | 3.85 | 10.61014 | No | 21.67979 | 3.85 | 10.61014 |
| 37375 | GLOBAL | Cartesian | 21.49417 | 3.75 | 10.59184 | No | 21.49417 | 3.75 | 10.59184 |
| 37376 | GLOBAL | Cartesian | 21.49417 | 3.85 | 10.59184 | No | 21.49417 | 3.85 | 10.59184 |
| 37377 | GLOBAL | Cartesian | 21.30855 | 3.75 | 10.57354 | No | 21.30855 | 3.75 | 10.57354 |
| 37378 | GLOBAL | Cartesian | 21.30855 | 3.85 | 10.57354 | No | 21.30855 | 3.85 | 10.57354 |
| 37379 | GLOBAL | Cartesian | 21.12293 | 3.75 | 10.55524 | No | 21.12293 | 3.75 | 10.55524 |
| 37380 | GLOBAL | Cartesian | 21.12293 | 3.85 | 10.55524 | No | 21.12293 | 3.85 | 10.55524 |
| 37381 | GLOBAL | Cartesian | 21.02282 | 3.75 | 10.54537 | No | 21.02282 | 3.75 | 10.54537 |
| 37382 | GLOBAL | Cartesian | 21.02282 | 3.85 | 10.54537 | No | 21.02282 | 3.85 | 10.54537 |
| 37383 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.5355 | No | 20.92272 | 3.75 | 10.5355 |
| 37384 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.5355 | No | 20.92272 | 3.85 | 10.5355 |
| 37385 | GLOBAL | Cartesian | 20.82255 | 3.75 | 10.52563 | No | 20.82255 | 3.75 | 10.52563 |
| 37386 | GLOBAL | Cartesian | 20.82255 | 3.85 | 10.52563 | No | 20.82255 | 3.85 | 10.52563 |
| 37387 | GLOBAL | Cartesian | 20.72238 | 3.75 | 10.51575 | No | 20.72238 | 3.75 | 10.51575 |
| 37388 | GLOBAL | Cartesian | 20.72238 | 3.85 | 10.51575 | No | 20.72238 | 3.85 | 10.51575 |
| 37389 | GLOBAL | Cartesian | 20.53671 | 3.75 | 10.49745 | No | 20.53671 | 3.75 | 10.49745 |
| 37390 | GLOBAL | Cartesian | 20.53671 | 3.85 | 10.49745 | No | 20.53671 | 3.85 | 10.49745 |
| 37391 | GLOBAL | Cartesian | 20.35103 | 3.75 | 10.47915 | No | 20.35103 | 3.75 | 10.47915 |
| 37392 | GLOBAL | Cartesian | 20.35103 | 3.85 | 10.47915 | No | 20.35103 | 3.85 | 10.47915 |
| 37393 | GLOBAL | Cartesian | 20.16536 | 3.75 | 10.46084 | No | 20.16536 | 3.75 | 10.46084 |
| 37394 | GLOBAL | Cartesian | 20.16536 | 3.85 | 10.46084 | No | 20.16536 | 3.85 | 10.46084 |
| 37395 | GLOBAL | Cartesian | 19.97968 | 3.75 | 10.44254 | No | 19.97968 | 3.75 | 10.44254 |
| 37396 | GLOBAL | Cartesian | 19.97968 | 3.85 | 10.44254 | No | 19.97968 | 3.85 | 10.44254 |
| 37397 | GLOBAL | Cartesian | 19.794 | 3.75 | 10.42423 | No | 19.794 | 3.75 | 10.42423 |
| 37398 | GLOBAL | Cartesian | 19.794 | 3.85 | 10.42423 | No | 19.794 | 3.85 | 10.42423 |
| 37399 | GLOBAL | Cartesian | 19.60833 | 3.75 | 10.40593 | No | 19.60833 | 3.75 | 10.40593 |
| 37400 | GLOBAL | Cartesian | 19.60833 | 3.85 | 10.40593 | No | 19.60833 | 3.85 | 10.40593 |
| 37401 | GLOBAL | Cartesian | 19.42265 | 3.75 | 10.38762 | No | 19.42265 | 3.75 | 10.38762 |
| 37402 | GLOBAL | Cartesian | 19.42265 | 3.85 | 10.38762 | No | 19.42265 | 3.85 | 10.38762 |
| 37403 | GLOBAL | Cartesian | 19.23698 | 3.75 | 10.36932 | No | 19.23698 | 3.75 | 10.36932 |
| 37404 | GLOBAL | Cartesian | 19.23698 | 3.85 | 10.36932 | No | 19.23698 | 3.85 | 10.36932 |
| 37405 | GLOBAL | Cartesian | 19.0513 | 3.75 | 10.35102 | No | 19.0513 | 3.75 | 10.35102 |
| 37406 | GLOBAL | Cartesian | 19.0513 | 3.85 | 10.35102 | No | 19.0513 | 3.85 | 10.35102 |
| 37407 | GLOBAL | Cartesian | 18.86562 | 3.75 | 10.33271 | No | 18.86562 | 3.75 | 10.33271 |
| 37408 | GLOBAL | Cartesian | 18.86562 | 3.85 | 10.33271 | No | 18.86562 | 3.85 | 10.33271 |
| 37409 | GLOBAL | Cartesian | 18.67995 | 3.75 | 10.31441 | No | 18.67995 | 3.75 | 10.31441 |
| 37410 | GLOBAL | Cartesian | 18.67995 | 3.85 | 10.31441 | No | 18.67995 | 3.85 | 10.31441 |
| 37411 | GLOBAL | Cartesian | 18.49427 | 3.75 | 10.2961 | No | 18.49427 | 3.75 | 10.2961 |
| 37412 | GLOBAL | Cartesian | 18.49427 | 3.85 | 10.2961 | No | 18.49427 | 3.85 | 10.2961 |
| 37413 | GLOBAL | Cartesian | 18.40143 | 3.75 | 10.28695 | No | 18.40143 | 3.75 | 10.28695 |
| 37414 | GLOBAL | Cartesian | 18.40143 | 3.85 | 10.28695 | No | 18.40143 | 3.85 | 10.28695 |
| 37415 | GLOBAL | Cartesian | 18.3086 | 3.75 | 10.2778 | No | 18.3086 | 3.75 | 10.2778 |
| 37416 | GLOBAL | Cartesian | 18.3086 | 3.85 | 10.2778 | No | 18.3086 | 3.85 | 10.2778 |
| 37417 | GLOBAL | Cartesian | 18.12292 | 3.75 | 10.25949 | No | 18.12292 | 3.75 | 10.25949 |
| 37418 | GLOBAL | Cartesian | 18.12292 | 3.85 | 10.25949 | No | 18.12292 | 3.85 | 10.25949 |
| 37419 | GLOBAL | Cartesian | 18.02282 | 3.75 | 10.24963 | No | 18.02282 | 3.75 | 10.24963 |
| 37420 | GLOBAL | Cartesian | 18.02282 | 3.85 | 10.24963 | No | 18.02282 | 3.85 | 10.24963 |
| 37421 | GLOBAL | Cartesian | 17.92272 | 3.75 | 10.23976 | No | 17.92272 | 3.75 | 10.23976 |
| 37422 | GLOBAL | Cartesian | 17.92272 | 3.85 | 10.23976 | No | 17.92272 | 3.85 | 10.23976 |
| 37423 | GLOBAL | Cartesian | 17.82272 | 3.75 | 10.2299 | No | 17.82272 | 3.75 | 10.2299 |
| 37424 | GLOBAL | Cartesian | 17.82272 | 3.85 | 10.2299 | No | 17.82272 | 3.85 | 10.2299 |
| 37425 | GLOBAL | Cartesian | 17.72272 | 3.75 | 10.22004 | No | 17.72272 | 3.75 | 10.22004 |
| 37426 | GLOBAL | Cartesian | 17.72272 | 3.85 | 10.22004 | No | 17.72272 | 3.85 | 10.22004 |
| 37427 | GLOBAL | Cartesian | 17.53702 | 3.75 | 10.20173 | No | 17.53702 | 3.75 | 10.20173 |
| 37428 | GLOBAL | Cartesian | 17.53702 | 3.85 | 10.20173 | No | 17.53702 | 3.85 | 10.20173 |
| 37429 | GLOBAL | Cartesian | 17.35132 | 3.75 | 10.18343 | No | 17.35132 | 3.75 | 10.18343 |
| 37430 | GLOBAL | Cartesian | 17.35132 | 3.85 | 10.18343 | No | 17.35132 | 3.85 | 10.18343 |
| 37431 | GLOBAL | Cartesian | 17.16562 | 3.75 | 10.16512 | No | 17.16562 | 3.75 | 10.16512 |
| 37432 | GLOBAL | Cartesian | 17.16562 | 3.85 | 10.16512 | No | 17.16562 | 3.85 | 10.16512 |
| 37433 | GLOBAL | Cartesian | 16.97992 | 3.75 | 10.14681 | No | 16.97992 | 3.75 | 10.14681 |
| 37434 | GLOBAL | Cartesian | 16.97992 | 3.85 | 10.14681 | No | 16.97992 | 3.85 | 10.14681 |
| 37435 | GLOBAL | Cartesian | 16.79422 | 3.75 | 10.12851 | No | 16.79422 | 3.75 | 10.12851 |
| 37436 | GLOBAL | Cartesian | 16.79422 | 3.85 | 10.12851 | No | 16.79422 | 3.85 | 10.12851 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37437 | GLOBAL | Cartesian | 16.60852 | 3.75 | 10.1102 | No | 16.60852 | 3.75 | 10.1102 |
| 37438 | GLOBAL | Cartesian | 16.60852 | 3.85 | 10.1102 | No | 16.60852 | 3.85 | 10.1102 |
| 37439 | GLOBAL | Cartesian | 16.42282 | 3.75 | 10.09189 | No | 16.42282 | 3.75 | 10.09189 |
| 37440 | GLOBAL | Cartesian | 16.42282 | 3.85 | 10.09189 | No | 16.42282 | 3.85 | 10.09189 |
| 37441 | GLOBAL | Cartesian | 16.23712 | 3.75 | 10.07359 | No | 16.23712 | 3.75 | 10.07359 |
| 37442 | GLOBAL | Cartesian | 16.23712 | 3.85 | 10.07359 | No | 16.23712 | 3.85 | 10.07359 |
| 37443 | GLOBAL | Cartesian | 16.05142 | 3.75 | 10.05528 | No | 16.05142 | 3.75 | 10.05528 |
| 37444 | GLOBAL | Cartesian | 16.05142 | 3.85 | 10.05528 | No | 16.05142 | 3.85 | 10.05528 |
| 37445 | GLOBAL | Cartesian | 15.86572 | 3.75 | 10.03697 | No | 15.86572 | 3.75 | 10.03697 |
| 37446 | GLOBAL | Cartesian | 15.86572 | 3.85 | 10.03697 | No | 15.86572 | 3.85 | 10.03697 |
| 37447 | GLOBAL | Cartesian | 15.68002 | 3.75 | 10.01867 | No | 15.68002 | 3.75 | 10.01867 |
| 37448 | GLOBAL | Cartesian | 15.68002 | 3.85 | 10.01867 | No | 15.68002 | 3.85 | 10.01867 |
| 37449 | GLOBAL | Cartesian | 15.49432 | 3.75 | 10.00036 | No | 15.49432 | 3.75 | 10.00036 |
| 37450 | GLOBAL | Cartesian | 15.49432 | 3.85 | 10.00036 | No | 15.49432 | 3.85 | 10.00036 |
| 37451 | GLOBAL | Cartesian | 15.30862 | 3.75 | 9.98205 | No | 15.30862 | 3.75 | 9.98205 |
| 37452 | GLOBAL | Cartesian | 15.30862 | 3.85 | 9.98205 | No | 15.30862 | 3.85 | 9.98205 |
| 37453 | GLOBAL | Cartesian | 15.12292 | 3.75 | 9.96375 | No | 15.12292 | 3.75 | 9.96375 |
| 37454 | GLOBAL | Cartesian | 15.12292 | 3.85 | 9.96375 | No | 15.12292 | 3.85 | 9.96375 |
| 37455 | GLOBAL | Cartesian | 15.02282 | 3.75 | 9.95388 | No | 15.02282 | 3.75 | 9.95388 |
| 37456 | GLOBAL | Cartesian | 15.02282 | 3.85 | 9.95388 | No | 15.02282 | 3.85 | 9.95388 |
| 37457 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.94401 | No | 14.92272 | 3.75 | 9.94401 |
| 37458 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.94401 | No | 14.92272 | 3.85 | 9.94401 |
| 37459 | GLOBAL | Cartesian | 14.73522 | 3.75 | 9.92553 | No | 14.73522 | 3.75 | 9.92553 |
| 37460 | GLOBAL | Cartesian | 14.73522 | 3.85 | 9.92553 | No | 14.73522 | 3.85 | 9.92553 |
| 37461 | GLOBAL | Cartesian | 14.54772 | 3.75 | 9.90704 | No | 14.54772 | 3.75 | 9.90704 |
| 37462 | GLOBAL | Cartesian | 14.54772 | 3.85 | 9.90704 | No | 14.54772 | 3.85 | 9.90704 |
| 37463 | GLOBAL | Cartesian | 14.36022 | 3.75 | 9.88856 | No | 14.36022 | 3.75 | 9.88856 |
| 37464 | GLOBAL | Cartesian | 14.36022 | 3.85 | 9.88856 | No | 14.36022 | 3.85 | 9.88856 |
| 37465 | GLOBAL | Cartesian | 14.17272 | 3.75 | 9.87007 | No | 14.17272 | 3.75 | 9.87007 |
| 37466 | GLOBAL | Cartesian | 14.17272 | 3.85 | 9.87007 | No | 14.17272 | 3.85 | 9.87007 |
| 37467 | GLOBAL | Cartesian | 13.98522 | 3.75 | 9.85159 | No | 13.98522 | 3.75 | 9.85159 |
| 37468 | GLOBAL | Cartesian | 13.98522 | 3.85 | 9.85159 | No | 13.98522 | 3.85 | 9.85159 |
| 37469 | GLOBAL | Cartesian | 13.79772 | 3.75 | 9.83311 | No | 13.79772 | 3.75 | 9.83311 |
| 37470 | GLOBAL | Cartesian | 13.79772 | 3.85 | 9.83311 | No | 13.79772 | 3.85 | 9.83311 |
| 37471 | GLOBAL | Cartesian | 13.61022 | 3.75 | 9.81462 | No | 13.61022 | 3.75 | 9.81462 |
| 37472 | GLOBAL | Cartesian | 13.61022 | 3.85 | 9.81462 | No | 13.61022 | 3.85 | 9.81462 |
| 37473 | GLOBAL | Cartesian | 13.42272 | 3.75 | 9.79614 | No | 13.42272 | 3.75 | 9.79614 |
| 37474 | GLOBAL | Cartesian | 13.42272 | 3.85 | 9.79614 | No | 13.42272 | 3.85 | 9.79614 |
| 37475 | GLOBAL | Cartesian | 13.23522 | 3.75 | 9.77765 | No | 13.23522 | 3.75 | 9.77765 |
| 37476 | GLOBAL | Cartesian | 13.23522 | 3.85 | 9.77765 | No | 13.23522 | 3.85 | 9.77765 |
| 37477 | GLOBAL | Cartesian | 13.04772 | 3.75 | 9.75917 | No | 13.04772 | 3.75 | 9.75917 |
| 37478 | GLOBAL | Cartesian | 13.04772 | 3.85 | 9.75917 | No | 13.04772 | 3.85 | 9.75917 |
| 37479 | GLOBAL | Cartesian | 12.86022 | 3.75 | 9.74069 | No | 12.86022 | 3.75 | 9.74069 |
| 37480 | GLOBAL | Cartesian | 12.86022 | 3.85 | 9.74069 | No | 12.86022 | 3.85 | 9.74069 |
| 37481 | GLOBAL | Cartesian | 12.67272 | 3.75 | 9.7222 | No | 12.67272 | 3.75 | 9.7222 |
| 37482 | GLOBAL | Cartesian | 12.67272 | 3.85 | 9.7222 | No | 12.67272 | 3.85 | 9.7222 |
| 37483 | GLOBAL | Cartesian | 12.48522 | 3.75 | 9.70372 | No | 12.48522 | 3.75 | 9.70372 |
| 37484 | GLOBAL | Cartesian | 12.48522 | 3.85 | 9.70372 | No | 12.48522 | 3.85 | 9.70372 |
| 37485 | GLOBAL | Cartesian | 12.29772 | 3.75 | 9.68523 | No | 12.29772 | 3.75 | 9.68523 |
| 37486 | GLOBAL | Cartesian | 12.29772 | 3.85 | 9.68523 | No | 12.29772 | 3.85 | 9.68523 |
| 37487 | GLOBAL | Cartesian | 12.11022 | 3.75 | 9.66675 | No | 12.11022 | 3.75 | 9.66675 |
| 37488 | GLOBAL | Cartesian | 12.11022 | 3.85 | 9.66675 | No | 12.11022 | 3.85 | 9.66675 |
| 37489 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.64826 | No | 11.92272 | 3.75 | 9.64826 |
| 37490 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.64826 | No | 11.92272 | 3.85 | 9.64826 |
| 37491 | GLOBAL | Cartesian | 11.73522 | 3.75 | 9.62978 | No | 11.73522 | 3.75 | 9.62978 |
| 37492 | GLOBAL | Cartesian | 11.73522 | 3.85 | 9.62978 | No | 11.73522 | 3.85 | 9.62978 |
| 37493 | GLOBAL | Cartesian | 11.54772 | 3.75 | 9.6113 | No | 11.54772 | 3.75 | 9.6113 |
| 37494 | GLOBAL | Cartesian | 11.54772 | 3.85 | 9.6113 | No | 11.54772 | 3.85 | 9.6113 |
| 37495 | GLOBAL | Cartesian | 11.36022 | 3.75 | 9.59281 | No | 11.36022 | 3.75 | 9.59281 |
| 37496 | GLOBAL | Cartesian | 11.36022 | 3.85 | 9.59281 | No | 11.36022 | 3.85 | 9.59281 |
| 37497 | GLOBAL | Cartesian | 11.17272 | 3.75 | 9.57433 | No | 11.17272 | 3.75 | 9.57433 |
| 37498 | GLOBAL | Cartesian | 11.17272 | 3.85 | 9.57433 | No | 11.17272 | 3.85 | 9.57433 |
| 37499 | GLOBAL | Cartesian | 10.98522 | 3.75 | 9.55584 | No | 10.98522 | 3.75 | 9.55584 |
| 37500 | GLOBAL | Cartesian | 10.98522 | 3.85 | 9.55584 | No | 10.98522 | 3.85 | 9.55584 |
| 37501 | GLOBAL | Cartesian | 10.79772 | 3.75 | 9.53736 | No | 10.79772 | 3.75 | 9.53736 |
| 37502 | GLOBAL | Cartesian | 10.79772 | 3.85 | 9.53736 | No | 10.79772 | 3.85 | 9.53736 |
| 37503 | GLOBAL | Cartesian | 10.61022 | 3.75 | 9.51888 | No | 10.61022 | 3.75 | 9.51888 |
| 37504 | GLOBAL | Cartesian | 10.61022 | 3.85 | 9.51888 | No | 10.61022 | 3.85 | 9.51888 |
| 37505 | GLOBAL | Cartesian | 10.42272 | 3.75 | 9.50039 | No | 10.42272 | 3.75 | 9.50039 |
| 37506 | GLOBAL | Cartesian | 10.42272 | 3.85 | 9.50039 | No | 10.42272 | 3.85 | 9.50039 |
| 37507 | GLOBAL | Cartesian | 10.23522 | 3.75 | 9.48191 | No | 10.23522 | 3.75 | 9.48191 |
| 37508 | GLOBAL | Cartesian | 10.23522 | 3.85 | 9.48191 | No | 10.23522 | 3.85 | 9.48191 |
| 37509 | GLOBAL | Cartesian | 10.04772 | 3.75 | 9.46342 | No | 10.04772 | 3.75 | 9.46342 |
| 37510 | GLOBAL | Cartesian | 10.04772 | 3.85 | 9.46342 | No | 10.04772 | 3.85 | 9.46342 |
| 37511 | GLOBAL | Cartesian | 9.86022 | 3.75 | 9.44494 | No | 9.86022 | 3.75 | 9.44494 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37512 | GLOBAL | Cartesian | 9.86022 | 3.85 | 9.44494 | No | 9.86022 | 3.85 | 9.44494 |
| 37513 | GLOBAL | Cartesian | 9.67272 | 3.75 | 9.42645 | No | 9.67272 | 3.75 | 9.42645 |
| 37514 | GLOBAL | Cartesian | 9.67272 | 3.85 | 9.42645 | No | 9.67272 | 3.85 | 9.42645 |
| 37515 | GLOBAL | Cartesian | 9.48522 | 3.75 | 9.40797 | No | 9.48522 | 3.75 | 9.40797 |
| 37516 | GLOBAL | Cartesian | 9.48522 | 3.85 | 9.40797 | No | 9.48522 | 3.85 | 9.40797 |
| 37517 | GLOBAL | Cartesian | 9.29772 | 3.75 | 9.38949 | No | 9.29772 | 3.75 | 9.38949 |
| 37518 | GLOBAL | Cartesian | 9.29772 | 3.85 | 9.38949 | No | 9.29772 | 3.85 | 9.38949 |
| 37519 | GLOBAL | Cartesian | 9.11022 | 3.75 | 9.371 | No | 9.11022 | 3.75 | 9.371 |
| 37520 | GLOBAL | Cartesian | 9.11022 | 3.85 | 9.371 | No | 9.11022 | 3.85 | 9.371 |
| 37521 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.35252 | No | 8.92272 | 3.75 | 9.35252 |
| 37522 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.35252 | No | 8.92272 | 3.85 | 9.35252 |
| 37523 | GLOBAL | Cartesian | 31.23984 | 3.75 | 8.28784 | No | 31.23984 | 3.75 | 8.28784 |
| 37524 | GLOBAL | Cartesian | 31.23984 | 3.85 | 8.28784 | No | 31.23984 | 3.85 | 8.28784 |
| 37525 | GLOBAL | Cartesian | 31.05697 | 3.75 | 8.28784 | No | 31.05697 | 3.75 | 8.28784 |
| 37526 | GLOBAL | Cartesian | 31.05697 | 3.85 | 8.28784 | No | 31.05697 | 3.85 | 8.28784 |
| 37527 | GLOBAL | Cartesian | 30.87409 | 3.75 | 8.28784 | No | 30.87409 | 3.75 | 8.28784 |
| 37528 | GLOBAL | Cartesian | 30.87409 | 3.85 | 8.28784 | No | 30.87409 | 3.85 | 8.28784 |
| 37529 | GLOBAL | Cartesian | 30.69121 | 3.75 | 8.28784 | No | 30.69121 | 3.75 | 8.28784 |
| 37530 | GLOBAL | Cartesian | 30.69121 | 3.85 | 8.28784 | No | 30.69121 | 3.85 | 8.28784 |
| 37531 | GLOBAL | Cartesian | 30.50172 | 3.75 | 8.28784 | No | 30.50172 | 3.75 | 8.28784 |
| 37532 | GLOBAL | Cartesian | 30.50172 | 3.85 | 8.28784 | No | 30.50172 | 3.85 | 8.28784 |
| 37533 | GLOBAL | Cartesian | 30.31222 | 3.75 | 8.28784 | No | 30.31222 | 3.75 | 8.28784 |
| 37534 | GLOBAL | Cartesian | 30.31222 | 3.85 | 8.28784 | No | 30.31222 | 3.85 | 8.28784 |
| 37535 | GLOBAL | Cartesian | 30.12272 | 3.75 | 8.28784 | No | 30.12272 | 3.75 | 8.28784 |
| 37536 | GLOBAL | Cartesian | 30.12272 | 3.85 | 8.28784 | No | 30.12272 | 3.85 | 8.28784 |
| 37537 | GLOBAL | Cartesian | 30.02272 | 3.75 | 8.28784 | No | 30.02272 | 3.75 | 8.28784 |
| 37538 | GLOBAL | Cartesian | 30.02272 | 3.85 | 8.28784 | No | 30.02272 | 3.85 | 8.28784 |
| 37539 | GLOBAL | Cartesian | 29.92272 | 3.75 | 8.28784 | No | 29.92272 | 3.75 | 8.28784 |
| 37540 | GLOBAL | Cartesian | 29.92272 | 3.85 | 8.28784 | No | 29.92272 | 3.85 | 8.28784 |
| 37541 | GLOBAL | Cartesian | 29.82272 | 3.75 | 8.28697 | No | 29.82272 | 3.75 | 8.28697 |
| 37542 | GLOBAL | Cartesian | 29.82272 | 3.85 | 8.28697 | No | 29.82272 | 3.85 | 8.28697 |
| 37543 | GLOBAL | Cartesian | 29.72272 | 3.75 | 8.2861 | No | 29.72272 | 3.75 | 8.2861 |
| 37544 | GLOBAL | Cartesian | 29.72272 | 3.85 | 8.2861 | No | 29.72272 | 3.85 | 8.2861 |
| 37545 | GLOBAL | Cartesian | 29.56822 | 3.75 | 8.28464 | No | 29.56822 | 3.75 | 8.28464 |
| 37546 | GLOBAL | Cartesian | 29.56822 | 3.85 | 8.28464 | No | 29.56822 | 3.85 | 8.28464 |
| 37547 | GLOBAL | Cartesian | 29.41372 | 3.75 | 8.28317 | No | 29.41372 | 3.75 | 8.28317 |
| 37548 | GLOBAL | Cartesian | 29.41372 | 3.85 | 8.28317 | No | 29.41372 | 3.85 | 8.28317 |
| 37549 | GLOBAL | Cartesian | 29.25922 | 3.75 | 8.28171 | No | 29.25922 | 3.75 | 8.28171 |
| 37550 | GLOBAL | Cartesian | 29.25922 | 3.85 | 8.28171 | No | 29.25922 | 3.85 | 8.28171 |
| 37551 | GLOBAL | Cartesian | 29.10472 | 3.75 | 8.28025 | No | 29.10472 | 3.75 | 8.28025 |
| 37552 | GLOBAL | Cartesian | 29.10472 | 3.85 | 8.28025 | No | 29.10472 | 3.85 | 8.28025 |
| 37553 | GLOBAL | Cartesian | 28.90651 | 3.75 | 8.27837 | No | 28.90651 | 3.75 | 8.27837 |
| 37554 | GLOBAL | Cartesian | 28.90651 | 3.85 | 8.27837 | No | 28.90651 | 3.85 | 8.27837 |
| 37555 | GLOBAL | Cartesian | 28.70831 | 3.75 | 8.27649 | No | 28.70831 | 3.75 | 8.27649 |
| 37556 | GLOBAL | Cartesian | 28.70831 | 3.85 | 8.27649 | No | 28.70831 | 3.85 | 8.27649 |
| 37557 | GLOBAL | Cartesian | 28.51011 | 3.75 | 8.27462 | No | 28.51011 | 3.75 | 8.27462 |
| 37558 | GLOBAL | Cartesian | 28.51011 | 3.85 | 8.27462 | No | 28.51011 | 3.85 | 8.27462 |
| 37559 | GLOBAL | Cartesian | 28.31191 | 3.75 | 8.27274 | No | 28.31191 | 3.75 | 8.27274 |
| 37560 | GLOBAL | Cartesian | 28.31191 | 3.85 | 8.27274 | No | 28.31191 | 3.85 | 8.27274 |
| 37561 | GLOBAL | Cartesian | 28.11371 | 3.75 | 8.27086 | No | 28.11371 | 3.75 | 8.27086 |
| 37562 | GLOBAL | Cartesian | 28.11371 | 3.85 | 8.27086 | No | 28.11371 | 3.85 | 8.27086 |
| 37563 | GLOBAL | Cartesian | 27.91551 | 3.75 | 8.26898 | No | 27.91551 | 3.75 | 8.26898 |
| 37564 | GLOBAL | Cartesian | 27.91551 | 3.85 | 8.26898 | No | 27.91551 | 3.85 | 8.26898 |
| 37565 | GLOBAL | Cartesian | 27.71731 | 3.75 | 8.26711 | No | 27.71731 | 3.75 | 8.26711 |
| 37566 | GLOBAL | Cartesian | 27.71731 | 3.85 | 8.26711 | No | 27.71731 | 3.85 | 8.26711 |
| 37567 | GLOBAL | Cartesian | 27.51911 | 3.75 | 8.26523 | No | 27.51911 | 3.75 | 8.26523 |
| 37568 | GLOBAL | Cartesian | 27.51911 | 3.85 | 8.26523 | No | 27.51911 | 3.85 | 8.26523 |
| 37569 | GLOBAL | Cartesian | 27.3209 | 3.75 | 8.26335 | No | 27.3209 | 3.75 | 8.26335 |
| 37570 | GLOBAL | Cartesian | 27.3209 | 3.85 | 8.26335 | No | 27.3209 | 3.85 | 8.26335 |
| 37571 | GLOBAL | Cartesian | 27.1227 | 3.75 | 8.26147 | No | 27.1227 | 3.75 | 8.26147 |
| 37572 | GLOBAL | Cartesian | 27.1227 | 3.85 | 8.26147 | No | 27.1227 | 3.85 | 8.26147 |
| 37573 | GLOBAL | Cartesian | 27.02271 | 3.75 | 8.26053 | No | 27.02271 | 3.75 | 8.26053 |
| 37574 | GLOBAL | Cartesian | 27.02271 | 3.85 | 8.26053 | No | 27.02271 | 3.85 | 8.26053 |
| 37575 | GLOBAL | Cartesian | 26.92272 | 3.75 | 8.25958 | No | 26.92272 | 3.75 | 8.25958 |
| 37576 | GLOBAL | Cartesian | 26.92272 | 3.85 | 8.25958 | No | 26.92272 | 3.85 | 8.25958 |
| 37577 | GLOBAL | Cartesian | 26.82272 | 3.75 | 8.25778 | No | 26.82272 | 3.75 | 8.25778 |
| 37578 | GLOBAL | Cartesian | 26.82272 | 3.85 | 8.25778 | No | 26.82272 | 3.85 | 8.25778 |
| 37579 | GLOBAL | Cartesian | 26.72272 | 3.75 | 8.25599 | No | 26.72272 | 3.75 | 8.25599 |
| 37580 | GLOBAL | Cartesian | 26.72272 | 3.85 | 8.25599 | No | 26.72272 | 3.85 | 8.25599 |
| 37581 | GLOBAL | Cartesian | 26.55071 | 3.75 | 8.25279 | No | 26.55071 | 3.75 | 8.25279 |
| 37582 | GLOBAL | Cartesian | 26.55071 | 3.85 | 8.25279 | No | 26.55071 | 3.85 | 8.25279 |
| 37583 | GLOBAL | Cartesian | 26.3787 | 3.75 | 8.24959 | No | 26.3787 | 3.75 | 8.24959 |
| 37584 | GLOBAL | Cartesian | 26.3787 | 3.85 | 8.24959 | No | 26.3787 | 3.85 | 8.24959 |
| 37585 | GLOBAL | Cartesian | 26.20669 | 3.75 | 8.24639 | No | 26.20669 | 3.75 | 8.24639 |
| 37586 | GLOBAL | Cartesian | 26.20669 | 3.85 | 8.24639 | No | 26.20669 | 3.85 | 8.24639 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37587 | GLOBAL | Cartesian | 26.03468 | 3.75 | 8.24319 | No | 26.03468 | 3.75 | 8.24319 |
| 37588 | GLOBAL | Cartesian | 26.03468 | 3.85 | 8.24319 | No | 26.03468 | 3.85 | 8.24319 |
| 37589 | GLOBAL | Cartesian | 25.84348 | 3.75 | 8.23963 | No | 25.84348 | 3.75 | 8.23963 |
| 37590 | GLOBAL | Cartesian | 25.84348 | 3.85 | 8.23963 | No | 25.84348 | 3.85 | 8.23963 |
| 37591 | GLOBAL | Cartesian | 25.65229 | 3.75 | 8.23607 | No | 25.65229 | 3.75 | 8.23607 |
| 37592 | GLOBAL | Cartesian | 25.65229 | 3.85 | 8.23607 | No | 25.65229 | 3.85 | 8.23607 |
| 37593 | GLOBAL | Cartesian | 25.46109 | 3.75 | 8.23252 | No | 25.46109 | 3.75 | 8.23252 |
| 37594 | GLOBAL | Cartesian | 25.46109 | 3.85 | 8.23252 | No | 25.46109 | 3.85 | 8.23252 |
| 37595 | GLOBAL | Cartesian | 25.2699 | 3.75 | 8.22896 | No | 25.2699 | 3.75 | 8.22896 |
| 37596 | GLOBAL | Cartesian | 25.2699 | 3.85 | 8.22896 | No | 25.2699 | 3.85 | 8.22896 |
| 37597 | GLOBAL | Cartesian | 25.0787 | 3.75 | 8.2254 | No | 25.0787 | 3.75 | 8.2254 |
| 37598 | GLOBAL | Cartesian | 25.0787 | 3.85 | 8.2254 | No | 25.0787 | 3.85 | 8.2254 |
| 37599 | GLOBAL | Cartesian | 24.8875 | 3.75 | 8.22184 | No | 24.8875 | 3.75 | 8.22184 |
| 37600 | GLOBAL | Cartesian | 24.8875 | 3.85 | 8.22184 | No | 24.8875 | 3.85 | 8.22184 |
| 37601 | GLOBAL | Cartesian | 24.69631 | 3.75 | 8.21829 | No | 24.69631 | 3.75 | 8.21829 |
| 37602 | GLOBAL | Cartesian | 24.69631 | 3.85 | 8.21829 | No | 24.69631 | 3.85 | 8.21829 |
| 37603 | GLOBAL | Cartesian | 24.50511 | 3.75 | 8.21473 | No | 24.50511 | 3.75 | 8.21473 |
| 37604 | GLOBAL | Cartesian | 24.50511 | 3.85 | 8.21473 | No | 24.50511 | 3.85 | 8.21473 |
| 37605 | GLOBAL | Cartesian | 24.31392 | 3.75 | 8.21117 | No | 24.31392 | 3.75 | 8.21117 |
| 37606 | GLOBAL | Cartesian | 24.31392 | 3.85 | 8.21117 | No | 24.31392 | 3.85 | 8.21117 |
| 37607 | GLOBAL | Cartesian | 24.12272 | 3.75 | 8.20761 | No | 24.12272 | 3.75 | 8.20761 |
| 37608 | GLOBAL | Cartesian | 24.12272 | 3.85 | 8.20761 | No | 24.12272 | 3.85 | 8.20761 |
| 37609 | GLOBAL | Cartesian | 24.02272 | 3.75 | 8.20575 | No | 24.02272 | 3.75 | 8.20575 |
| 37610 | GLOBAL | Cartesian | 24.02272 | 3.85 | 8.20575 | No | 24.02272 | 3.85 | 8.20575 |
| 37611 | GLOBAL | Cartesian | 23.92272 | 3.75 | 8.20389 | No | 23.92272 | 3.75 | 8.20389 |
| 37612 | GLOBAL | Cartesian | 23.92272 | 3.85 | 8.20389 | No | 23.92272 | 3.85 | 8.20389 |
| 37613 | GLOBAL | Cartesian | 23.82217 | 3.75 | 8.20116 | No | 23.82217 | 3.75 | 8.20116 |
| 37614 | GLOBAL | Cartesian | 23.82217 | 3.85 | 8.20116 | No | 23.82217 | 3.85 | 8.20116 |
| 37615 | GLOBAL | Cartesian | 23.72163 | 3.75 | 8.19843 | No | 23.72163 | 3.75 | 8.19843 |
| 37616 | GLOBAL | Cartesian | 23.72163 | 3.85 | 8.19843 | No | 23.72163 | 3.85 | 8.19843 |
| 37617 | GLOBAL | Cartesian | 23.53051 | 3.75 | 8.19313 | No | 23.53051 | 3.75 | 8.19313 |
| 37618 | GLOBAL | Cartesian | 23.53051 | 3.85 | 8.19313 | No | 23.53051 | 3.85 | 8.19313 |
| 37619 | GLOBAL | Cartesian | 23.33939 | 3.75 | 8.18782 | No | 23.33939 | 3.75 | 8.18782 |
| 37620 | GLOBAL | Cartesian | 23.33939 | 3.85 | 8.18782 | No | 23.33939 | 3.85 | 8.18782 |
| 37621 | GLOBAL | Cartesian | 23.14827 | 3.75 | 8.18252 | No | 23.14827 | 3.75 | 8.18252 |
| 37622 | GLOBAL | Cartesian | 23.14827 | 3.85 | 8.18252 | No | 23.14827 | 3.85 | 8.18252 |
| 37623 | GLOBAL | Cartesian | 22.95715 | 3.75 | 8.17722 | No | 22.95715 | 3.75 | 8.17722 |
| 37624 | GLOBAL | Cartesian | 22.95715 | 3.85 | 8.17722 | No | 22.95715 | 3.85 | 8.17722 |
| 37625 | GLOBAL | Cartesian | 22.77373 | 3.75 | 8.17213 | No | 22.77373 | 3.75 | 8.17213 |
| 37626 | GLOBAL | Cartesian | 22.77373 | 3.85 | 8.17213 | No | 22.77373 | 3.85 | 8.17213 |
| 37627 | GLOBAL | Cartesian | 22.59031 | 3.75 | 8.16704 | No | 22.59031 | 3.75 | 8.16704 |
| 37628 | GLOBAL | Cartesian | 22.59031 | 3.85 | 8.16704 | No | 22.59031 | 3.85 | 8.16704 |
| 37629 | GLOBAL | Cartesian | 22.40689 | 3.75 | 8.16195 | No | 22.40689 | 3.75 | 8.16195 |
| 37630 | GLOBAL | Cartesian | 22.40689 | 3.85 | 8.16195 | No | 22.40689 | 3.85 | 8.16195 |
| 37631 | GLOBAL | Cartesian | 22.22346 | 3.75 | 8.15687 | No | 22.22346 | 3.75 | 8.15687 |
| 37632 | GLOBAL | Cartesian | 22.22346 | 3.85 | 8.15687 | No | 22.22346 | 3.85 | 8.15687 |
| 37633 | GLOBAL | Cartesian | 22.04004 | 3.75 | 8.15178 | No | 22.04004 | 3.75 | 8.15178 |
| 37634 | GLOBAL | Cartesian | 22.04004 | 3.85 | 8.15178 | No | 22.04004 | 3.85 | 8.15178 |
| 37635 | GLOBAL | Cartesian | 21.85662 | 3.75 | 8.14669 | No | 21.85662 | 3.75 | 8.14669 |
| 37636 | GLOBAL | Cartesian | 21.85662 | 3.85 | 8.14669 | No | 21.85662 | 3.85 | 8.14669 |
| 37637 | GLOBAL | Cartesian | 21.6732 | 3.75 | 8.1416 | No | 21.6732 | 3.75 | 8.1416 |
| 37638 | GLOBAL | Cartesian | 21.6732 | 3.85 | 8.1416 | No | 21.6732 | 3.85 | 8.1416 |
| 37639 | GLOBAL | Cartesian | 21.48977 | 3.75 | 8.13651 | No | 21.48977 | 3.75 | 8.13651 |
| 37640 | GLOBAL | Cartesian | 21.48977 | 3.85 | 8.13651 | No | 21.48977 | 3.85 | 8.13651 |
| 37641 | GLOBAL | Cartesian | 21.30635 | 3.75 | 8.13142 | No | 21.30635 | 3.75 | 8.13142 |
| 37642 | GLOBAL | Cartesian | 21.30635 | 3.85 | 8.13142 | No | 21.30635 | 3.85 | 8.13142 |
| 37643 | GLOBAL | Cartesian | 21.12293 | 3.75 | 8.12633 | No | 21.12293 | 3.75 | 8.12633 |
| 37644 | GLOBAL | Cartesian | 21.12293 | 3.85 | 8.12633 | No | 21.12293 | 3.85 | 8.12633 |
| 37645 | GLOBAL | Cartesian | 21.02282 | 3.75 | 8.12356 | No | 21.02282 | 3.75 | 8.12356 |
| 37646 | GLOBAL | Cartesian | 21.02282 | 3.85 | 8.12356 | No | 21.02282 | 3.85 | 8.12356 |
| 37647 | GLOBAL | Cartesian | 20.92272 | 3.75 | 8.12078 | No | 20.92272 | 3.75 | 8.12078 |
| 37648 | GLOBAL | Cartesian | 20.92272 | 3.85 | 8.12078 | No | 20.92272 | 3.85 | 8.12078 |
| 37649 | GLOBAL | Cartesian | 20.82255 | 3.75 | 8.11713 | No | 20.82255 | 3.75 | 8.11713 |
| 37650 | GLOBAL | Cartesian | 20.82255 | 3.85 | 8.11713 | No | 20.82255 | 3.85 | 8.11713 |
| 37651 | GLOBAL | Cartesian | 20.72238 | 3.75 | 8.11348 | No | 20.72238 | 3.75 | 8.11348 |
| 37652 | GLOBAL | Cartesian | 20.72238 | 3.85 | 8.11348 | No | 20.72238 | 3.85 | 8.11348 |
| 37653 | GLOBAL | Cartesian | 20.55378 | 3.75 | 8.10726 | No | 20.55378 | 3.75 | 8.10726 |
| 37654 | GLOBAL | Cartesian | 20.55378 | 3.85 | 8.10726 | No | 20.55378 | 3.85 | 8.10726 |
| 37655 | GLOBAL | Cartesian | 20.38518 | 3.75 | 8.10104 | No | 20.38518 | 3.75 | 8.10104 |
| 37656 | GLOBAL | Cartesian | 20.38518 | 3.85 | 8.10104 | No | 20.38518 | 3.85 | 8.10104 |
| 37657 | GLOBAL | Cartesian | 20.21658 | 3.75 | 8.09482 | No | 20.21658 | 3.75 | 8.09482 |
| 37658 | GLOBAL | Cartesian | 20.21658 | 3.85 | 8.09482 | No | 20.21658 | 3.85 | 8.09482 |
| 37659 | GLOBAL | Cartesian | 20.04798 | 3.75 | 8.08861 | No | 20.04798 | 3.75 | 8.08861 |
| 37660 | GLOBAL | Cartesian | 20.04798 | 3.85 | 8.08861 | No | 20.04798 | 3.85 | 8.08861 |
| 37661 | GLOBAL | Cartesian | 19.87938 | 3.75 | 8.08239 | No | 19.87938 | 3.75 | 8.08239 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37662 | GLOBAL | Cartesian | 19.87938 | 3.85 | 8.08239 | No | 19.87938 | 3.85 | 8.08239 |
| 37663 | GLOBAL | Cartesian | 19.68422 | 3.75 | 8.07519 | No | 19.68422 | 3.75 | 8.07519 |
| 37664 | GLOBAL | Cartesian | 19.68422 | 3.85 | 8.07519 | No | 19.68422 | 3.85 | 8.07519 |
| 37665 | GLOBAL | Cartesian | 19.48906 | 3.75 | 8.06799 | No | 19.48906 | 3.75 | 8.06799 |
| 37666 | GLOBAL | Cartesian | 19.48906 | 3.85 | 8.06799 | No | 19.48906 | 3.85 | 8.06799 |
| 37667 | GLOBAL | Cartesian | 19.2939 | 3.75 | 8.06079 | No | 19.2939 | 3.75 | 8.06079 |
| 37668 | GLOBAL | Cartesian | 19.2939 | 3.85 | 8.06079 | No | 19.2939 | 3.85 | 8.06079 |
| 37669 | GLOBAL | Cartesian | 19.09873 | 3.75 | 8.05359 | No | 19.09873 | 3.75 | 8.05359 |
| 37670 | GLOBAL | Cartesian | 19.09873 | 3.85 | 8.05359 | No | 19.09873 | 3.85 | 8.05359 |
| 37671 | GLOBAL | Cartesian | 18.90357 | 3.75 | 8.04639 | No | 18.90357 | 3.75 | 8.04639 |
| 37672 | GLOBAL | Cartesian | 18.90357 | 3.85 | 8.04639 | No | 18.90357 | 3.85 | 8.04639 |
| 37673 | GLOBAL | Cartesian | 18.70841 | 3.75 | 8.0392 | No | 18.70841 | 3.75 | 8.0392 |
| 37674 | GLOBAL | Cartesian | 18.70841 | 3.85 | 8.0392 | No | 18.70841 | 3.85 | 8.0392 |
| 37675 | GLOBAL | Cartesian | 18.51325 | 3.75 | 8.032 | No | 18.51325 | 3.75 | 8.032 |
| 37676 | GLOBAL | Cartesian | 18.51325 | 3.85 | 8.032 | No | 18.51325 | 3.85 | 8.032 |
| 37677 | GLOBAL | Cartesian | 18.31808 | 3.75 | 8.0248 | No | 18.31808 | 3.75 | 8.0248 |
| 37678 | GLOBAL | Cartesian | 18.31808 | 3.85 | 8.0248 | No | 18.31808 | 3.85 | 8.0248 |
| 37679 | GLOBAL | Cartesian | 18.12292 | 3.75 | 8.0176 | No | 18.12292 | 3.75 | 8.0176 |
| 37680 | GLOBAL | Cartesian | 18.12292 | 3.85 | 8.0176 | No | 18.12292 | 3.85 | 8.0176 |
| 37681 | GLOBAL | Cartesian | 18.02282 | 3.75 | 8.01391 | No | 18.02282 | 3.75 | 8.01391 |
| 37682 | GLOBAL | Cartesian | 18.02282 | 3.85 | 8.01391 | No | 18.02282 | 3.85 | 8.01391 |
| 37683 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.01022 | No | 17.92272 | 3.75 | 8.01022 |
| 37684 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.01022 | No | 17.92272 | 3.85 | 8.01022 |
| 37685 | GLOBAL | Cartesian | 17.82272 | 3.75 | 8.00564 | No | 17.82272 | 3.75 | 8.00564 |
| 37686 | GLOBAL | Cartesian | 17.82272 | 3.85 | 8.00564 | No | 17.82272 | 3.85 | 8.00564 |
| 37687 | GLOBAL | Cartesian | 17.72272 | 3.75 | 8.00107 | No | 17.72272 | 3.75 | 8.00107 |
| 37688 | GLOBAL | Cartesian | 17.72272 | 3.85 | 8.00107 | No | 17.72272 | 3.85 | 8.00107 |
| 37689 | GLOBAL | Cartesian | 17.53613 | 3.75 | 7.99248 | No | 17.53613 | 3.75 | 7.99248 |
| 37690 | GLOBAL | Cartesian | 17.53613 | 3.85 | 7.99248 | No | 17.53613 | 3.85 | 7.99248 |
| 37691 | GLOBAL | Cartesian | 17.34954 | 3.75 | 7.98389 | No | 17.34954 | 3.75 | 7.98389 |
| 37692 | GLOBAL | Cartesian | 17.34954 | 3.85 | 7.98389 | No | 17.34954 | 3.85 | 7.98389 |
| 37693 | GLOBAL | Cartesian | 17.16294 | 3.75 | 7.9753 | No | 17.16294 | 3.75 | 7.9753 |
| 37694 | GLOBAL | Cartesian | 17.16294 | 3.85 | 7.9753 | No | 17.16294 | 3.85 | 7.9753 |
| 37695 | GLOBAL | Cartesian | 16.97635 | 3.75 | 7.96671 | No | 16.97635 | 3.75 | 7.96671 |
| 37696 | GLOBAL | Cartesian | 16.97635 | 3.85 | 7.96671 | No | 16.97635 | 3.85 | 7.96671 |
| 37697 | GLOBAL | Cartesian | 16.78976 | 3.75 | 7.95812 | No | 16.78976 | 3.75 | 7.95812 |
| 37698 | GLOBAL | Cartesian | 16.78976 | 3.85 | 7.95812 | No | 16.78976 | 3.85 | 7.95812 |
| 37699 | GLOBAL | Cartesian | 16.60455 | 3.75 | 7.9496 | No | 16.60455 | 3.75 | 7.9496 |
| 37700 | GLOBAL | Cartesian | 16.60455 | 3.85 | 7.9496 | No | 16.60455 | 3.85 | 7.9496 |
| 37701 | GLOBAL | Cartesian | 16.41935 | 3.75 | 7.94107 | No | 16.41935 | 3.75 | 7.94107 |
| 37702 | GLOBAL | Cartesian | 16.41935 | 3.85 | 7.94107 | No | 16.41935 | 3.85 | 7.94107 |
| 37703 | GLOBAL | Cartesian | 16.23415 | 3.75 | 7.93255 | No | 16.23415 | 3.75 | 7.93255 |
| 37704 | GLOBAL | Cartesian | 16.23415 | 3.85 | 7.93255 | No | 16.23415 | 3.85 | 7.93255 |
| 37705 | GLOBAL | Cartesian | 16.04894 | 3.75 | 7.92402 | No | 16.04894 | 3.75 | 7.92402 |
| 37706 | GLOBAL | Cartesian | 16.04894 | 3.85 | 7.92402 | No | 16.04894 | 3.85 | 7.92402 |
| 37707 | GLOBAL | Cartesian | 15.86374 | 3.75 | 7.9155 | No | 15.86374 | 3.75 | 7.9155 |
| 37708 | GLOBAL | Cartesian | 15.86374 | 3.85 | 7.9155 | No | 15.86374 | 3.85 | 7.9155 |
| 37709 | GLOBAL | Cartesian | 15.67853 | 3.75 | 7.90697 | No | 15.67853 | 3.75 | 7.90697 |
| 37710 | GLOBAL | Cartesian | 15.67853 | 3.85 | 7.90697 | No | 15.67853 | 3.85 | 7.90697 |
| 37711 | GLOBAL | Cartesian | 15.49333 | 3.75 | 7.89845 | No | 15.49333 | 3.75 | 7.89845 |
| 37712 | GLOBAL | Cartesian | 15.49333 | 3.85 | 7.89845 | No | 15.49333 | 3.85 | 7.89845 |
| 37713 | GLOBAL | Cartesian | 15.30813 | 3.75 | 7.88992 | No | 15.30813 | 3.75 | 7.88992 |
| 37714 | GLOBAL | Cartesian | 15.30813 | 3.85 | 7.88992 | No | 15.30813 | 3.85 | 7.88992 |
| 37715 | GLOBAL | Cartesian | 15.12292 | 3.75 | 7.8814 | No | 15.12292 | 3.75 | 7.8814 |
| 37716 | GLOBAL | Cartesian | 15.12292 | 3.85 | 7.8814 | No | 15.12292 | 3.85 | 7.8814 |
| 37717 | GLOBAL | Cartesian | 15.02282 | 3.75 | 7.87679 | No | 15.02282 | 3.75 | 7.87679 |
| 37718 | GLOBAL | Cartesian | 15.02282 | 3.85 | 7.87679 | No | 15.02282 | 3.85 | 7.87679 |
| 37719 | GLOBAL | Cartesian | 31.23984 | 3.55 | 8.28784 | No | 31.23984 | 3.55 | 8.28784 |
| 37720 | GLOBAL | Cartesian | 31.23984 | 3.45 | 8.28784 | No | 31.23984 | 3.45 | 8.28784 |
| 37721 | GLOBAL | Cartesian | 31.05697 | 3.55 | 8.28784 | No | 31.05697 | 3.55 | 8.28784 |
| 37722 | GLOBAL | Cartesian | 31.05697 | 3.45 | 8.28784 | No | 31.05697 | 3.45 | 8.28784 |
| 37723 | GLOBAL | Cartesian | 30.87409 | 3.55 | 8.28784 | No | 30.87409 | 3.55 | 8.28784 |
| 37724 | GLOBAL | Cartesian | 30.87409 | 3.45 | 8.28784 | No | 30.87409 | 3.45 | 8.28784 |
| 37725 | GLOBAL | Cartesian | 30.69121 | 3.55 | 8.28784 | No | 30.69121 | 3.55 | 8.28784 |
| 37726 | GLOBAL | Cartesian | 30.69121 | 3.45 | 8.28784 | No | 30.69121 | 3.45 | 8.28784 |
| 37727 | GLOBAL | Cartesian | 30.50172 | 3.55 | 8.28784 | No | 30.50172 | 3.55 | 8.28784 |
| 37728 | GLOBAL | Cartesian | 30.50172 | 3.45 | 8.28784 | No | 30.50172 | 3.45 | 8.28784 |
| 37729 | GLOBAL | Cartesian | 30.31222 | 3.55 | 8.28784 | No | 30.31222 | 3.55 | 8.28784 |
| 37730 | GLOBAL | Cartesian | 30.31222 | 3.45 | 8.28784 | No | 30.31222 | 3.45 | 8.28784 |
| 37731 | GLOBAL | Cartesian | 30.12272 | 3.55 | 8.28784 | No | 30.12272 | 3.55 | 8.28784 |
| 37732 | GLOBAL | Cartesian | 30.12272 | 3.45 | 8.28784 | No | 30.12272 | 3.45 | 8.28784 |
| 37733 | GLOBAL | Cartesian | 30.02272 | 3.55 | 8.28784 | No | 30.02272 | 3.55 | 8.28784 |
| 37734 | GLOBAL | Cartesian | 30.02272 | 3.45 | 8.28784 | No | 30.02272 | 3.45 | 8.28784 |
| 37735 | GLOBAL | Cartesian | 29.92272 | 3.55 | 8.28784 | No | 29.92272 | 3.55 | 8.28784 |
| 37736 | GLOBAL | Cartesian | 29.92272 | 3.45 | 8.28784 | No | 29.92272 | 3.45 | 8.28784 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37737 | GLOBAL | Cartesian | 29.82272 | 3.55 | 8.28697 | No | 29.82272 | 3.55 | 8.28697 |
| 37738 | GLOBAL | Cartesian | 29.82272 | 3.45 | 8.28697 | No | 29.82272 | 3.45 | 8.28697 |
| 37739 | GLOBAL | Cartesian | 29.72272 | 3.55 | 8.2861 | No | 29.72272 | 3.55 | 8.2861 |
| 37740 | GLOBAL | Cartesian | 29.72272 | 3.45 | 8.2861 | No | 29.72272 | 3.45 | 8.2861 |
| 37741 | GLOBAL | Cartesian | 29.56822 | 3.55 | 8.28464 | No | 29.56822 | 3.55 | 8.28464 |
| 37742 | GLOBAL | Cartesian | 29.56822 | 3.45 | 8.28464 | No | 29.56822 | 3.45 | 8.28464 |
| 37743 | GLOBAL | Cartesian | 29.41372 | 3.55 | 8.28317 | No | 29.41372 | 3.55 | 8.28317 |
| 37744 | GLOBAL | Cartesian | 29.41372 | 3.45 | 8.28317 | No | 29.41372 | 3.45 | 8.28317 |
| 37745 | GLOBAL | Cartesian | 29.25922 | 3.55 | 8.28171 | No | 29.25922 | 3.55 | 8.28171 |
| 37746 | GLOBAL | Cartesian | 29.25922 | 3.45 | 8.28171 | No | 29.25922 | 3.45 | 8.28171 |
| 37747 | GLOBAL | Cartesian | 29.10472 | 3.55 | 8.28025 | No | 29.10472 | 3.55 | 8.28025 |
| 37748 | GLOBAL | Cartesian | 29.10472 | 3.45 | 8.28025 | No | 29.10472 | 3.45 | 8.28025 |
| 37749 | GLOBAL | Cartesian | 28.90651 | 3.55 | 8.27837 | No | 28.90651 | 3.55 | 8.27837 |
| 37750 | GLOBAL | Cartesian | 28.90651 | 3.45 | 8.27837 | No | 28.90651 | 3.45 | 8.27837 |
| 37751 | GLOBAL | Cartesian | 28.70831 | 3.55 | 8.27649 | No | 28.70831 | 3.55 | 8.27649 |
| 37752 | GLOBAL | Cartesian | 28.70831 | 3.45 | 8.27649 | No | 28.70831 | 3.45 | 8.27649 |
| 37753 | GLOBAL | Cartesian | 28.51011 | 3.55 | 8.27462 | No | 28.51011 | 3.55 | 8.27462 |
| 37754 | GLOBAL | Cartesian | 28.51011 | 3.45 | 8.27462 | No | 28.51011 | 3.45 | 8.27462 |
| 37755 | GLOBAL | Cartesian | 28.31191 | 3.55 | 8.27274 | No | 28.31191 | 3.55 | 8.27274 |
| 37756 | GLOBAL | Cartesian | 28.31191 | 3.45 | 8.27274 | No | 28.31191 | 3.45 | 8.27274 |
| 37757 | GLOBAL | Cartesian | 28.11371 | 3.55 | 8.27086 | No | 28.11371 | 3.55 | 8.27086 |
| 37758 | GLOBAL | Cartesian | 28.11371 | 3.45 | 8.27086 | No | 28.11371 | 3.45 | 8.27086 |
| 37759 | GLOBAL | Cartesian | 27.91551 | 3.55 | 8.26898 | No | 27.91551 | 3.55 | 8.26898 |
| 37760 | GLOBAL | Cartesian | 27.91551 | 3.45 | 8.26898 | No | 27.91551 | 3.45 | 8.26898 |
| 37761 | GLOBAL | Cartesian | 27.71731 | 3.55 | 8.26711 | No | 27.71731 | 3.55 | 8.26711 |
| 37762 | GLOBAL | Cartesian | 27.71731 | 3.45 | 8.26711 | No | 27.71731 | 3.45 | 8.26711 |
| 37763 | GLOBAL | Cartesian | 27.51911 | 3.55 | 8.26523 | No | 27.51911 | 3.55 | 8.26523 |
| 37764 | GLOBAL | Cartesian | 27.51911 | 3.45 | 8.26523 | No | 27.51911 | 3.45 | 8.26523 |
| 37765 | GLOBAL | Cartesian | 27.3209 | 3.55 | 8.26335 | No | 27.3209 | 3.55 | 8.26335 |
| 37766 | GLOBAL | Cartesian | 27.3209 | 3.45 | 8.26335 | No | 27.3209 | 3.45 | 8.26335 |
| 37767 | GLOBAL | Cartesian | 27.1227 | 3.55 | 8.26147 | No | 27.1227 | 3.55 | 8.26147 |
| 37768 | GLOBAL | Cartesian | 27.1227 | 3.45 | 8.26147 | No | 27.1227 | 3.45 | 8.26147 |
| 37769 | GLOBAL | Cartesian | 27.02271 | 3.55 | 8.26053 | No | 27.02271 | 3.55 | 8.26053 |
| 37770 | GLOBAL | Cartesian | 27.02271 | 3.45 | 8.26053 | No | 27.02271 | 3.45 | 8.26053 |
| 37771 | GLOBAL | Cartesian | 26.92272 | 3.55 | 8.25958 | No | 26.92272 | 3.55 | 8.25958 |
| 37772 | GLOBAL | Cartesian | 26.92272 | 3.45 | 8.25958 | No | 26.92272 | 3.45 | 8.25958 |
| 37773 | GLOBAL | Cartesian | 26.82272 | 3.55 | 8.25778 | No | 26.82272 | 3.55 | 8.25778 |
| 37774 | GLOBAL | Cartesian | 26.82272 | 3.45 | 8.25778 | No | 26.82272 | 3.45 | 8.25778 |
| 37775 | GLOBAL | Cartesian | 26.72272 | 3.55 | 8.25599 | No | 26.72272 | 3.55 | 8.25599 |
| 37776 | GLOBAL | Cartesian | 26.72272 | 3.45 | 8.25599 | No | 26.72272 | 3.45 | 8.25599 |
| 37777 | GLOBAL | Cartesian | 26.55071 | 3.55 | 8.25279 | No | 26.55071 | 3.55 | 8.25279 |
| 37778 | GLOBAL | Cartesian | 26.55071 | 3.45 | 8.25279 | No | 26.55071 | 3.45 | 8.25279 |
| 37779 | GLOBAL | Cartesian | 26.3787 | 3.55 | 8.24959 | No | 26.3787 | 3.55 | 8.24959 |
| 37780 | GLOBAL | Cartesian | 26.3787 | 3.45 | 8.24959 | No | 26.3787 | 3.45 | 8.24959 |
| 37781 | GLOBAL | Cartesian | 26.20669 | 3.55 | 8.24639 | No | 26.20669 | 3.55 | 8.24639 |
| 37782 | GLOBAL | Cartesian | 26.20669 | 3.45 | 8.24639 | No | 26.20669 | 3.45 | 8.24639 |
| 37783 | GLOBAL | Cartesian | 26.03468 | 3.55 | 8.24319 | No | 26.03468 | 3.55 | 8.24319 |
| 37784 | GLOBAL | Cartesian | 26.03468 | 3.45 | 8.24319 | No | 26.03468 | 3.45 | 8.24319 |
| 37785 | GLOBAL | Cartesian | 25.84348 | 3.55 | 8.23963 | No | 25.84348 | 3.55 | 8.23963 |
| 37786 | GLOBAL | Cartesian | 25.84348 | 3.45 | 8.23963 | No | 25.84348 | 3.45 | 8.23963 |
| 37787 | GLOBAL | Cartesian | 25.65229 | 3.55 | 8.23607 | No | 25.65229 | 3.55 | 8.23607 |
| 37788 | GLOBAL | Cartesian | 25.65229 | 3.45 | 8.23607 | No | 25.65229 | 3.45 | 8.23607 |
| 37789 | GLOBAL | Cartesian | 25.46109 | 3.55 | 8.23252 | No | 25.46109 | 3.55 | 8.23252 |
| 37790 | GLOBAL | Cartesian | 25.46109 | 3.45 | 8.23252 | No | 25.46109 | 3.45 | 8.23252 |
| 37791 | GLOBAL | Cartesian | 25.2699 | 3.55 | 8.22896 | No | 25.2699 | 3.55 | 8.22896 |
| 37792 | GLOBAL | Cartesian | 25.2699 | 3.45 | 8.22896 | No | 25.2699 | 3.45 | 8.22896 |
| 37793 | GLOBAL | Cartesian | 25.0787 | 3.55 | 8.2254 | No | 25.0787 | 3.55 | 8.2254 |
| 37794 | GLOBAL | Cartesian | 25.0787 | 3.45 | 8.2254 | No | 25.0787 | 3.45 | 8.2254 |
| 37795 | GLOBAL | Cartesian | 24.8875 | 3.55 | 8.22184 | No | 24.8875 | 3.55 | 8.22184 |
| 37796 | GLOBAL | Cartesian | 24.8875 | 3.45 | 8.22184 | No | 24.8875 | 3.45 | 8.22184 |
| 37797 | GLOBAL | Cartesian | 24.69631 | 3.55 | 8.21829 | No | 24.69631 | 3.55 | 8.21829 |
| 37798 | GLOBAL | Cartesian | 24.69631 | 3.45 | 8.21829 | No | 24.69631 | 3.45 | 8.21829 |
| 37799 | GLOBAL | Cartesian | 24.50511 | 3.55 | 8.21473 | No | 24.50511 | 3.55 | 8.21473 |
| 37800 | GLOBAL | Cartesian | 24.50511 | 3.45 | 8.21473 | No | 24.50511 | 3.45 | 8.21473 |
| 37801 | GLOBAL | Cartesian | 24.31392 | 3.55 | 8.21117 | No | 24.31392 | 3.55 | 8.21117 |
| 37802 | GLOBAL | Cartesian | 24.31392 | 3.45 | 8.21117 | No | 24.31392 | 3.45 | 8.21117 |
| 37803 | GLOBAL | Cartesian | 24.12272 | 3.55 | 8.20761 | No | 24.12272 | 3.55 | 8.20761 |
| 37804 | GLOBAL | Cartesian | 24.12272 | 3.45 | 8.20761 | No | 24.12272 | 3.45 | 8.20761 |
| 37805 | GLOBAL | Cartesian | 24.02272 | 3.55 | 8.20575 | No | 24.02272 | 3.55 | 8.20575 |
| 37806 | GLOBAL | Cartesian | 24.02272 | 3.45 | 8.20575 | No | 24.02272 | 3.45 | 8.20575 |
| 37807 | GLOBAL | Cartesian | 23.92272 | 3.55 | 8.20389 | No | 23.92272 | 3.55 | 8.20389 |
| 37808 | GLOBAL | Cartesian | 23.92272 | 3.45 | 8.20389 | No | 23.92272 | 3.45 | 8.20389 |
| 37809 | GLOBAL | Cartesian | 23.82217 | 3.55 | 8.20116 | No | 23.82217 | 3.55 | 8.20116 |
| 37810 | GLOBAL | Cartesian | 23.82217 | 3.45 | 8.20116 | No | 23.82217 | 3.45 | 8.20116 |
| 37811 | GLOBAL | Cartesian | 23.72163 | 3.55 | 8.19843 | No | 23.72163 | 3.55 | 8.19843 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37812 | GLOBAL | Cartesian | 23.72163 | 3.45 | 8.19843 | No | 23.72163 | 3.45 | 8.19843 |
| 37813 | GLOBAL | Cartesian | 23.53051 | 3.55 | 8.19313 | No | 23.53051 | 3.55 | 8.19313 |
| 37814 | GLOBAL | Cartesian | 23.53051 | 3.45 | 8.19313 | No | 23.53051 | 3.45 | 8.19313 |
| 37815 | GLOBAL | Cartesian | 23.33939 | 3.55 | 8.18782 | No | 23.33939 | 3.55 | 8.18782 |
| 37816 | GLOBAL | Cartesian | 23.33939 | 3.45 | 8.18782 | No | 23.33939 | 3.45 | 8.18782 |
| 37817 | GLOBAL | Cartesian | 23.14827 | 3.55 | 8.18252 | No | 23.14827 | 3.55 | 8.18252 |
| 37818 | GLOBAL | Cartesian | 23.14827 | 3.45 | 8.18252 | No | 23.14827 | 3.45 | 8.18252 |
| 37819 | GLOBAL | Cartesian | 22.95715 | 3.55 | 8.17722 | No | 22.95715 | 3.55 | 8.17722 |
| 37820 | GLOBAL | Cartesian | 22.95715 | 3.45 | 8.17722 | No | 22.95715 | 3.45 | 8.17722 |
| 37821 | GLOBAL | Cartesian | 22.77373 | 3.55 | 8.17213 | No | 22.77373 | 3.55 | 8.17213 |
| 37822 | GLOBAL | Cartesian | 22.77373 | 3.45 | 8.17213 | No | 22.77373 | 3.45 | 8.17213 |
| 37823 | GLOBAL | Cartesian | 22.59031 | 3.55 | 8.16704 | No | 22.59031 | 3.55 | 8.16704 |
| 37824 | GLOBAL | Cartesian | 22.59031 | 3.45 | 8.16704 | No | 22.59031 | 3.45 | 8.16704 |
| 37825 | GLOBAL | Cartesian | 22.40689 | 3.55 | 8.16195 | No | 22.40689 | 3.55 | 8.16195 |
| 37826 | GLOBAL | Cartesian | 22.40689 | 3.45 | 8.16195 | No | 22.40689 | 3.45 | 8.16195 |
| 37827 | GLOBAL | Cartesian | 22.22346 | 3.55 | 8.15687 | No | 22.22346 | 3.55 | 8.15687 |
| 37828 | GLOBAL | Cartesian | 22.22346 | 3.45 | 8.15687 | No | 22.22346 | 3.45 | 8.15687 |
| 37829 | GLOBAL | Cartesian | 22.04004 | 3.55 | 8.15178 | No | 22.04004 | 3.55 | 8.15178 |
| 37830 | GLOBAL | Cartesian | 22.04004 | 3.45 | 8.15178 | No | 22.04004 | 3.45 | 8.15178 |
| 37831 | GLOBAL | Cartesian | 21.85662 | 3.55 | 8.14669 | No | 21.85662 | 3.55 | 8.14669 |
| 37832 | GLOBAL | Cartesian | 21.85662 | 3.45 | 8.14669 | No | 21.85662 | 3.45 | 8.14669 |
| 37833 | GLOBAL | Cartesian | 21.6732 | 3.55 | 8.1416 | No | 21.6732 | 3.55 | 8.1416 |
| 37834 | GLOBAL | Cartesian | 21.6732 | 3.45 | 8.1416 | No | 21.6732 | 3.45 | 8.1416 |
| 37835 | GLOBAL | Cartesian | 21.48977 | 3.55 | 8.13651 | No | 21.48977 | 3.55 | 8.13651 |
| 37836 | GLOBAL | Cartesian | 21.48977 | 3.45 | 8.13651 | No | 21.48977 | 3.45 | 8.13651 |
| 37837 | GLOBAL | Cartesian | 21.30635 | 3.55 | 8.13142 | No | 21.30635 | 3.55 | 8.13142 |
| 37838 | GLOBAL | Cartesian | 21.30635 | 3.45 | 8.13142 | No | 21.30635 | 3.45 | 8.13142 |
| 37839 | GLOBAL | Cartesian | 21.12293 | 3.55 | 8.12633 | No | 21.12293 | 3.55 | 8.12633 |
| 37840 | GLOBAL | Cartesian | 21.12293 | 3.45 | 8.12633 | No | 21.12293 | 3.45 | 8.12633 |
| 37841 | GLOBAL | Cartesian | 21.02282 | 3.55 | 8.12356 | No | 21.02282 | 3.55 | 8.12356 |
| 37842 | GLOBAL | Cartesian | 21.02282 | 3.45 | 8.12356 | No | 21.02282 | 3.45 | 8.12356 |
| 37843 | GLOBAL | Cartesian | 20.92272 | 3.55 | 8.12078 | No | 20.92272 | 3.55 | 8.12078 |
| 37844 | GLOBAL | Cartesian | 20.92272 | 3.45 | 8.12078 | No | 20.92272 | 3.45 | 8.12078 |
| 37845 | GLOBAL | Cartesian | 20.82255 | 3.55 | 8.11713 | No | 20.82255 | 3.55 | 8.11713 |
| 37846 | GLOBAL | Cartesian | 20.82255 | 3.45 | 8.11713 | No | 20.82255 | 3.45 | 8.11713 |
| 37847 | GLOBAL | Cartesian | 20.72238 | 3.55 | 8.11348 | No | 20.72238 | 3.55 | 8.11348 |
| 37848 | GLOBAL | Cartesian | 20.72238 | 3.45 | 8.11348 | No | 20.72238 | 3.45 | 8.11348 |
| 37849 | GLOBAL | Cartesian | 20.55378 | 3.55 | 8.10726 | No | 20.55378 | 3.55 | 8.10726 |
| 37850 | GLOBAL | Cartesian | 20.55378 | 3.45 | 8.10726 | No | 20.55378 | 3.45 | 8.10726 |
| 37851 | GLOBAL | Cartesian | 20.38518 | 3.55 | 8.10104 | No | 20.38518 | 3.55 | 8.10104 |
| 37852 | GLOBAL | Cartesian | 20.38518 | 3.45 | 8.10104 | No | 20.38518 | 3.45 | 8.10104 |
| 37853 | GLOBAL | Cartesian | 20.21658 | 3.55 | 8.09482 | No | 20.21658 | 3.55 | 8.09482 |
| 37854 | GLOBAL | Cartesian | 20.21658 | 3.45 | 8.09482 | No | 20.21658 | 3.45 | 8.09482 |
| 37855 | GLOBAL | Cartesian | 20.04798 | 3.55 | 8.08861 | No | 20.04798 | 3.55 | 8.08861 |
| 37856 | GLOBAL | Cartesian | 20.04798 | 3.45 | 8.08861 | No | 20.04798 | 3.45 | 8.08861 |
| 37857 | GLOBAL | Cartesian | 19.87938 | 3.55 | 8.08239 | No | 19.87938 | 3.55 | 8.08239 |
| 37858 | GLOBAL | Cartesian | 19.87938 | 3.45 | 8.08239 | No | 19.87938 | 3.45 | 8.08239 |
| 37859 | GLOBAL | Cartesian | 19.68422 | 3.55 | 8.07519 | No | 19.68422 | 3.55 | 8.07519 |
| 37860 | GLOBAL | Cartesian | 19.68422 | 3.45 | 8.07519 | No | 19.68422 | 3.45 | 8.07519 |
| 37861 | GLOBAL | Cartesian | 19.48906 | 3.55 | 8.06799 | No | 19.48906 | 3.55 | 8.06799 |
| 37862 | GLOBAL | Cartesian | 19.48906 | 3.45 | 8.06799 | No | 19.48906 | 3.45 | 8.06799 |
| 37863 | GLOBAL | Cartesian | 19.2939 | 3.55 | 8.06079 | No | 19.2939 | 3.55 | 8.06079 |
| 37864 | GLOBAL | Cartesian | 19.2939 | 3.45 | 8.06079 | No | 19.2939 | 3.45 | 8.06079 |
| 37865 | GLOBAL | Cartesian | 19.09873 | 3.55 | 8.05359 | No | 19.09873 | 3.55 | 8.05359 |
| 37866 | GLOBAL | Cartesian | 19.09873 | 3.45 | 8.05359 | No | 19.09873 | 3.45 | 8.05359 |
| 37867 | GLOBAL | Cartesian | 18.90357 | 3.55 | 8.04639 | No | 18.90357 | 3.55 | 8.04639 |
| 37868 | GLOBAL | Cartesian | 18.90357 | 3.45 | 8.04639 | No | 18.90357 | 3.45 | 8.04639 |
| 37869 | GLOBAL | Cartesian | 18.70841 | 3.55 | 8.0392 | No | 18.70841 | 3.55 | 8.0392 |
| 37870 | GLOBAL | Cartesian | 18.70841 | 3.45 | 8.0392 | No | 18.70841 | 3.45 | 8.0392 |
| 37871 | GLOBAL | Cartesian | 18.51325 | 3.55 | 8.032 | No | 18.51325 | 3.55 | 8.032 |
| 37872 | GLOBAL | Cartesian | 18.51325 | 3.45 | 8.032 | No | 18.51325 | 3.45 | 8.032 |
| 37873 | GLOBAL | Cartesian | 18.31808 | 3.55 | 8.0248 | No | 18.31808 | 3.55 | 8.0248 |
| 37874 | GLOBAL | Cartesian | 18.31808 | 3.45 | 8.0248 | No | 18.31808 | 3.45 | 8.0248 |
| 37875 | GLOBAL | Cartesian | 18.12292 | 3.55 | 8.0176 | No | 18.12292 | 3.55 | 8.0176 |
| 37876 | GLOBAL | Cartesian | 18.12292 | 3.45 | 8.0176 | No | 18.12292 | 3.45 | 8.0176 |
| 37877 | GLOBAL | Cartesian | 18.02282 | 3.55 | 8.01391 | No | 18.02282 | 3.55 | 8.01391 |
| 37878 | GLOBAL | Cartesian | 18.02282 | 3.45 | 8.01391 | No | 18.02282 | 3.45 | 8.01391 |
| 37879 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.01022 | No | 17.92272 | 3.55 | 8.01022 |
| 37880 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.01022 | No | 17.92272 | 3.45 | 8.01022 |
| 37881 | GLOBAL | Cartesian | 17.82272 | 3.55 | 8.00564 | No | 17.82272 | 3.55 | 8.00564 |
| 37882 | GLOBAL | Cartesian | 17.82272 | 3.45 | 8.00564 | No | 17.82272 | 3.45 | 8.00564 |
| 37883 | GLOBAL | Cartesian | 17.72272 | 3.55 | 8.00107 | No | 17.72272 | 3.55 | 8.00107 |
| 37884 | GLOBAL | Cartesian | 17.72272 | 3.45 | 8.00107 | No | 17.72272 | 3.45 | 8.00107 |
| 37885 | GLOBAL | Cartesian | 17.53613 | 3.55 | 7.99248 | No | 17.53613 | 3.55 | 7.99248 |
| 37886 | GLOBAL | Cartesian | 17.53613 | 3.45 | 7.99248 | No | 17.53613 | 3.45 | 7.99248 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37887 | GLOBAL | Cartesian | 17.34954 | 3.55 | 7.98389 | No | 17.34954 | 3.55 | 7.98389 |
| 37888 | GLOBAL | Cartesian | 17.34954 | 3.45 | 7.98389 | No | 17.34954 | 3.45 | 7.98389 |
| 37889 | GLOBAL | Cartesian | 17.16294 | 3.55 | 7.9753 | No | 17.16294 | 3.55 | 7.9753 |
| 37890 | GLOBAL | Cartesian | 17.16294 | 3.45 | 7.9753 | No | 17.16294 | 3.45 | 7.9753 |
| 37891 | GLOBAL | Cartesian | 16.97635 | 3.55 | 7.96671 | No | 16.97635 | 3.55 | 7.96671 |
| 37892 | GLOBAL | Cartesian | 16.97635 | 3.45 | 7.96671 | No | 16.97635 | 3.45 | 7.96671 |
| 37893 | GLOBAL | Cartesian | 16.78976 | 3.55 | 7.95812 | No | 16.78976 | 3.55 | 7.95812 |
| 37894 | GLOBAL | Cartesian | 16.78976 | 3.45 | 7.95812 | No | 16.78976 | 3.45 | 7.95812 |
| 37895 | GLOBAL | Cartesian | 16.60455 | 3.55 | 7.9496 | No | 16.60455 | 3.55 | 7.9496 |
| 37896 | GLOBAL | Cartesian | 16.60455 | 3.45 | 7.9496 | No | 16.60455 | 3.45 | 7.9496 |
| 37897 | GLOBAL | Cartesian | 16.41935 | 3.55 | 7.94107 | No | 16.41935 | 3.55 | 7.94107 |
| 37898 | GLOBAL | Cartesian | 16.41935 | 3.45 | 7.94107 | No | 16.41935 | 3.45 | 7.94107 |
| 37899 | GLOBAL | Cartesian | 16.23415 | 3.55 | 7.93255 | No | 16.23415 | 3.55 | 7.93255 |
| 37900 | GLOBAL | Cartesian | 16.23415 | 3.45 | 7.93255 | No | 16.23415 | 3.45 | 7.93255 |
| 37901 | GLOBAL | Cartesian | 16.04894 | 3.55 | 7.92402 | No | 16.04894 | 3.55 | 7.92402 |
| 37902 | GLOBAL | Cartesian | 16.04894 | 3.45 | 7.92402 | No | 16.04894 | 3.45 | 7.92402 |
| 37903 | GLOBAL | Cartesian | 15.86374 | 3.55 | 7.9155 | No | 15.86374 | 3.55 | 7.9155 |
| 37904 | GLOBAL | Cartesian | 15.86374 | 3.45 | 7.9155 | No | 15.86374 | 3.45 | 7.9155 |
| 37905 | GLOBAL | Cartesian | 15.67853 | 3.55 | 7.90697 | No | 15.67853 | 3.55 | 7.90697 |
| 37906 | GLOBAL | Cartesian | 15.67853 | 3.45 | 7.90697 | No | 15.67853 | 3.45 | 7.90697 |
| 37907 | GLOBAL | Cartesian | 15.49333 | 3.55 | 7.89845 | No | 15.49333 | 3.55 | 7.89845 |
| 37908 | GLOBAL | Cartesian | 15.49333 | 3.45 | 7.89845 | No | 15.49333 | 3.45 | 7.89845 |
| 37909 | GLOBAL | Cartesian | 15.30813 | 3.55 | 7.88992 | No | 15.30813 | 3.55 | 7.88992 |
| 37910 | GLOBAL | Cartesian | 15.30813 | 3.45 | 7.88992 | No | 15.30813 | 3.45 | 7.88992 |
| 37911 | GLOBAL | Cartesian | 15.12292 | 3.55 | 7.8814 | No | 15.12292 | 3.55 | 7.8814 |
| 37912 | GLOBAL | Cartesian | 15.12292 | 3.45 | 7.8814 | No | 15.12292 | 3.45 | 7.8814 |
| 37913 | GLOBAL | Cartesian | 15.02282 | 3.55 | 7.87679 | No | 15.02282 | 3.55 | 7.87679 |
| 37914 | GLOBAL | Cartesian | 15.02282 | 3.45 | 7.87679 | No | 15.02282 | 3.45 | 7.87679 |
| 37915 | GLOBAL | Cartesian | 14.92272 | 3.55 | 7.87218 | No | 14.92272 | 3.55 | 7.87218 |
| 37916 | GLOBAL | Cartesian | 14.92272 | 3.45 | 7.87218 | No | 14.92272 | 3.45 | 7.87218 |
| 37917 | GLOBAL | Cartesian | 14.73361 | 3.55 | 7.86176 | No | 14.73361 | 3.55 | 7.86176 |
| 37918 | GLOBAL | Cartesian | 14.73361 | 3.45 | 7.86176 | No | 14.73361 | 3.45 | 7.86176 |
| 37919 | GLOBAL | Cartesian | 14.54622 | 3.55 | 7.85142 | No | 14.54622 | 3.55 | 7.85142 |
| 37920 | GLOBAL | Cartesian | 14.54622 | 3.45 | 7.85142 | No | 14.54622 | 3.45 | 7.85142 |
| 37921 | GLOBAL | Cartesian | 14.35883 | 3.55 | 7.84107 | No | 14.35883 | 3.55 | 7.84107 |
| 37922 | GLOBAL | Cartesian | 14.35883 | 3.45 | 7.84107 | No | 14.35883 | 3.45 | 7.84107 |
| 37923 | GLOBAL | Cartesian | 14.17143 | 3.55 | 7.83073 | No | 14.17143 | 3.55 | 7.83073 |
| 37924 | GLOBAL | Cartesian | 14.17143 | 3.45 | 7.83073 | No | 14.17143 | 3.45 | 7.83073 |
| 37925 | GLOBAL | Cartesian | 13.98404 | 3.55 | 7.82039 | No | 13.98404 | 3.55 | 7.82039 |
| 37926 | GLOBAL | Cartesian | 13.98404 | 3.45 | 7.82039 | No | 13.98404 | 3.45 | 7.82039 |
| 37927 | GLOBAL | Cartesian | 13.79665 | 3.55 | 7.81004 | No | 13.79665 | 3.55 | 7.81004 |
| 37928 | GLOBAL | Cartesian | 13.79665 | 3.45 | 7.81004 | No | 13.79665 | 3.45 | 7.81004 |
| 37929 | GLOBAL | Cartesian | 13.60926 | 3.55 | 7.7997 | No | 13.60926 | 3.55 | 7.7997 |
| 37930 | GLOBAL | Cartesian | 13.60926 | 3.45 | 7.7997 | No | 13.60926 | 3.45 | 7.7997 |
| 37931 | GLOBAL | Cartesian | 13.42186 | 3.55 | 7.78936 | No | 13.42186 | 3.55 | 7.78936 |
| 37932 | GLOBAL | Cartesian | 13.42186 | 3.45 | 7.78936 | No | 13.42186 | 3.45 | 7.78936 |
| 37933 | GLOBAL | Cartesian | 13.23447 | 3.55 | 7.77902 | No | 13.23447 | 3.55 | 7.77902 |
| 37934 | GLOBAL | Cartesian | 13.23447 | 3.45 | 7.77902 | No | 13.23447 | 3.45 | 7.77902 |
| 37935 | GLOBAL | Cartesian | 13.04708 | 3.55 | 7.76867 | No | 13.04708 | 3.55 | 7.76867 |
| 37936 | GLOBAL | Cartesian | 13.04708 | 3.45 | 7.76867 | No | 13.04708 | 3.45 | 7.76867 |
| 37937 | GLOBAL | Cartesian | 12.85968 | 3.55 | 7.75833 | No | 12.85968 | 3.55 | 7.75833 |
| 37938 | GLOBAL | Cartesian | 12.85968 | 3.45 | 7.75833 | No | 12.85968 | 3.45 | 7.75833 |
| 37939 | GLOBAL | Cartesian | 12.67229 | 3.55 | 7.74799 | No | 12.67229 | 3.55 | 7.74799 |
| 37940 | GLOBAL | Cartesian | 12.67229 | 3.45 | 7.74799 | No | 12.67229 | 3.45 | 7.74799 |
| 37941 | GLOBAL | Cartesian | 12.4849 | 3.55 | 7.73764 | No | 12.4849 | 3.55 | 7.73764 |
| 37942 | GLOBAL | Cartesian | 12.4849 | 3.45 | 7.73764 | No | 12.4849 | 3.45 | 7.73764 |
| 37943 | GLOBAL | Cartesian | 12.29751 | 3.55 | 7.7273 | No | 12.29751 | 3.55 | 7.7273 |
| 37944 | GLOBAL | Cartesian | 12.29751 | 3.45 | 7.7273 | No | 12.29751 | 3.45 | 7.7273 |
| 37945 | GLOBAL | Cartesian | 12.11011 | 3.55 | 7.71696 | No | 12.11011 | 3.55 | 7.71696 |
| 37946 | GLOBAL | Cartesian | 12.11011 | 3.45 | 7.71696 | No | 12.11011 | 3.45 | 7.71696 |
| 37947 | GLOBAL | Cartesian | 11.92272 | 3.55 | 7.70662 | No | 11.92272 | 3.55 | 7.70662 |
| 37948 | GLOBAL | Cartesian | 11.92272 | 3.45 | 7.70662 | No | 11.92272 | 3.45 | 7.70662 |
| 37949 | GLOBAL | Cartesian | 11.73522 | 3.55 | 7.69537 | No | 11.73522 | 3.55 | 7.69537 |
| 37950 | GLOBAL | Cartesian | 11.73522 | 3.45 | 7.69537 | No | 11.73522 | 3.45 | 7.69537 |
| 37951 | GLOBAL | Cartesian | 11.54772 | 3.55 | 7.68412 | No | 11.54772 | 3.55 | 7.68412 |
| 37952 | GLOBAL | Cartesian | 11.54772 | 3.45 | 7.68412 | No | 11.54772 | 3.45 | 7.68412 |
| 37953 | GLOBAL | Cartesian | 11.36022 | 3.55 | 7.67287 | No | 11.36022 | 3.55 | 7.67287 |
| 37954 | GLOBAL | Cartesian | 11.36022 | 3.45 | 7.67287 | No | 11.36022 | 3.45 | 7.67287 |
| 37955 | GLOBAL | Cartesian | 11.17272 | 3.55 | 7.66162 | No | 11.17272 | 3.55 | 7.66162 |
| 37956 | GLOBAL | Cartesian | 11.17272 | 3.45 | 7.66162 | No | 11.17272 | 3.45 | 7.66162 |
| 37957 | GLOBAL | Cartesian | 10.98522 | 3.55 | 7.65037 | No | 10.98522 | 3.55 | 7.65037 |
| 37958 | GLOBAL | Cartesian | 10.98522 | 3.45 | 7.65037 | No | 10.98522 | 3.45 | 7.65037 |
| 37959 | GLOBAL | Cartesian | 10.79772 | 3.55 | 7.63912 | No | 10.79772 | 3.55 | 7.63912 |
| 37960 | GLOBAL | Cartesian | 10.79772 | 3.45 | 7.63912 | No | 10.79772 | 3.45 | 7.63912 |
| 37961 | GLOBAL | Cartesian | 10.61022 | 3.55 | 7.62787 | No | 10.61022 | 3.55 | 7.62787 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 37962 | GLOBAL | Cartesian | 10.61022 | 3.45 | 7.62787 | No | 10.61022 | 3.45 | 7.62787 |
| 37963 | GLOBAL | Cartesian | 10.42272 | 3.55 | 7.61662 | No | 10.42272 | 3.55 | 7.61662 |
| 37964 | GLOBAL | Cartesian | 10.42272 | 3.45 | 7.61662 | No | 10.42272 | 3.45 | 7.61662 |
| 37965 | GLOBAL | Cartesian | 10.23522 | 3.55 | 7.60537 | No | 10.23522 | 3.55 | 7.60537 |
| 37966 | GLOBAL | Cartesian | 10.23522 | 3.45 | 7.60537 | No | 10.23522 | 3.45 | 7.60537 |
| 37967 | GLOBAL | Cartesian | 10.04772 | 3.55 | 7.59412 | No | 10.04772 | 3.55 | 7.59412 |
| 37968 | GLOBAL | Cartesian | 10.04772 | 3.45 | 7.59412 | No | 10.04772 | 3.45 | 7.59412 |
| 37969 | GLOBAL | Cartesian | 9.86022 | 3.55 | 7.58287 | No | 9.86022 | 3.55 | 7.58287 |
| 37970 | GLOBAL | Cartesian | 9.86022 | 3.45 | 7.58287 | No | 9.86022 | 3.45 | 7.58287 |
| 37971 | GLOBAL | Cartesian | 9.67272 | 3.55 | 7.57162 | No | 9.67272 | 3.55 | 7.57162 |
| 37972 | GLOBAL | Cartesian | 9.67272 | 3.45 | 7.57162 | No | 9.67272 | 3.45 | 7.57162 |
| 37973 | GLOBAL | Cartesian | 9.48522 | 3.55 | 7.56037 | No | 9.48522 | 3.55 | 7.56037 |
| 37974 | GLOBAL | Cartesian | 9.48522 | 3.45 | 7.56037 | No | 9.48522 | 3.45 | 7.56037 |
| 37975 | GLOBAL | Cartesian | 9.29772 | 3.55 | 7.54912 | No | 9.29772 | 3.55 | 7.54912 |
| 37976 | GLOBAL | Cartesian | 9.29772 | 3.45 | 7.54912 | No | 9.29772 | 3.45 | 7.54912 |
| 37977 | GLOBAL | Cartesian | 9.11022 | 3.55 | 7.53787 | No | 9.11022 | 3.55 | 7.53787 |
| 37978 | GLOBAL | Cartesian | 9.11022 | 3.45 | 7.53787 | No | 9.11022 | 3.45 | 7.53787 |
| 37979 | GLOBAL | Cartesian | 8.92272 | 3.55 | 7.52662 | No | 8.92272 | 3.55 | 7.52662 |
| 37980 | GLOBAL | Cartesian | 8.92272 | 3.45 | 7.52662 | No | 8.92272 | 3.45 | 7.52662 |
| 37981 | GLOBAL | Cartesian | 14.92272 | 3.75 | 7.87218 | No | 14.92272 | 3.75 | 7.87218 |
| 37982 | GLOBAL | Cartesian | 14.92272 | 3.85 | 7.87218 | No | 14.92272 | 3.85 | 7.87218 |
| 37983 | GLOBAL | Cartesian | 14.73361 | 3.75 | 7.86176 | No | 14.73361 | 3.75 | 7.86176 |
| 37984 | GLOBAL | Cartesian | 14.73361 | 3.85 | 7.86176 | No | 14.73361 | 3.85 | 7.86176 |
| 37985 | GLOBAL | Cartesian | 14.54622 | 3.75 | 7.85142 | No | 14.54622 | 3.75 | 7.85142 |
| 37986 | GLOBAL | Cartesian | 14.54622 | 3.85 | 7.85142 | No | 14.54622 | 3.85 | 7.85142 |
| 37987 | GLOBAL | Cartesian | 14.35883 | 3.75 | 7.84107 | No | 14.35883 | 3.75 | 7.84107 |
| 37988 | GLOBAL | Cartesian | 14.35883 | 3.85 | 7.84107 | No | 14.35883 | 3.85 | 7.84107 |
| 37989 | GLOBAL | Cartesian | 14.17143 | 3.75 | 7.83073 | No | 14.17143 | 3.75 | 7.83073 |
| 37990 | GLOBAL | Cartesian | 14.17143 | 3.85 | 7.83073 | No | 14.17143 | 3.85 | 7.83073 |
| 37991 | GLOBAL | Cartesian | 13.98404 | 3.75 | 7.82039 | No | 13.98404 | 3.75 | 7.82039 |
| 37992 | GLOBAL | Cartesian | 13.98404 | 3.85 | 7.82039 | No | 13.98404 | 3.85 | 7.82039 |
| 37993 | GLOBAL | Cartesian | 13.79665 | 3.75 | 7.81004 | No | 13.79665 | 3.75 | 7.81004 |
| 37994 | GLOBAL | Cartesian | 13.79665 | 3.85 | 7.81004 | No | 13.79665 | 3.85 | 7.81004 |
| 37995 | GLOBAL | Cartesian | 13.60926 | 3.75 | 7.7997 | No | 13.60926 | 3.75 | 7.7997 |
| 37996 | GLOBAL | Cartesian | 13.60926 | 3.85 | 7.7997 | No | 13.60926 | 3.85 | 7.7997 |
| 37997 | GLOBAL | Cartesian | 13.42186 | 3.75 | 7.78936 | No | 13.42186 | 3.75 | 7.78936 |
| 37998 | GLOBAL | Cartesian | 13.42186 | 3.85 | 7.78936 | No | 13.42186 | 3.85 | 7.78936 |
| 37999 | GLOBAL | Cartesian | 13.23447 | 3.75 | 7.77902 | No | 13.23447 | 3.75 | 7.77902 |
| 38000 | GLOBAL | Cartesian | 13.23447 | 3.85 | 7.77902 | No | 13.23447 | 3.85 | 7.77902 |
| 38001 | GLOBAL | Cartesian | 13.04708 | 3.75 | 7.76867 | No | 13.04708 | 3.75 | 7.76867 |
| 38002 | GLOBAL | Cartesian | 13.04708 | 3.85 | 7.76867 | No | 13.04708 | 3.85 | 7.76867 |
| 38003 | GLOBAL | Cartesian | 12.85968 | 3.75 | 7.75833 | No | 12.85968 | 3.75 | 7.75833 |
| 38004 | GLOBAL | Cartesian | 12.85968 | 3.85 | 7.75833 | No | 12.85968 | 3.85 | 7.75833 |
| 38005 | GLOBAL | Cartesian | 12.67229 | 3.75 | 7.74799 | No | 12.67229 | 3.75 | 7.74799 |
| 38006 | GLOBAL | Cartesian | 12.67229 | 3.85 | 7.74799 | No | 12.67229 | 3.85 | 7.74799 |
| 38007 | GLOBAL | Cartesian | 12.4849 | 3.75 | 7.73764 | No | 12.4849 | 3.75 | 7.73764 |
| 38008 | GLOBAL | Cartesian | 12.4849 | 3.85 | 7.73764 | No | 12.4849 | 3.85 | 7.73764 |
| 38009 | GLOBAL | Cartesian | 12.29751 | 3.75 | 7.7273 | No | 12.29751 | 3.75 | 7.7273 |
| 38010 | GLOBAL | Cartesian | 12.29751 | 3.85 | 7.7273 | No | 12.29751 | 3.85 | 7.7273 |
| 38011 | GLOBAL | Cartesian | 12.11011 | 3.75 | 7.71696 | No | 12.11011 | 3.75 | 7.71696 |
| 38012 | GLOBAL | Cartesian | 12.11011 | 3.85 | 7.71696 | No | 12.11011 | 3.85 | 7.71696 |
| 38013 | GLOBAL | Cartesian | 11.92272 | 3.75 | 7.70662 | No | 11.92272 | 3.75 | 7.70662 |
| 38014 | GLOBAL | Cartesian | 11.92272 | 3.85 | 7.70662 | No | 11.92272 | 3.85 | 7.70662 |
| 38015 | GLOBAL | Cartesian | 11.73522 | 3.75 | 7.69537 | No | 11.73522 | 3.75 | 7.69537 |
| 38016 | GLOBAL | Cartesian | 11.73522 | 3.85 | 7.69537 | No | 11.73522 | 3.85 | 7.69537 |
| 38017 | GLOBAL | Cartesian | 11.54772 | 3.75 | 7.68412 | No | 11.54772 | 3.75 | 7.68412 |
| 38018 | GLOBAL | Cartesian | 11.54772 | 3.85 | 7.68412 | No | 11.54772 | 3.85 | 7.68412 |
| 38019 | GLOBAL | Cartesian | 11.36022 | 3.75 | 7.67287 | No | 11.36022 | 3.75 | 7.67287 |
| 38020 | GLOBAL | Cartesian | 11.36022 | 3.85 | 7.67287 | No | 11.36022 | 3.85 | 7.67287 |
| 38021 | GLOBAL | Cartesian | 11.17272 | 3.75 | 7.66162 | No | 11.17272 | 3.75 | 7.66162 |
| 38022 | GLOBAL | Cartesian | 11.17272 | 3.85 | 7.66162 | No | 11.17272 | 3.85 | 7.66162 |
| 38023 | GLOBAL | Cartesian | 10.98522 | 3.75 | 7.65037 | No | 10.98522 | 3.75 | 7.65037 |
| 38024 | GLOBAL | Cartesian | 10.98522 | 3.85 | 7.65037 | No | 10.98522 | 3.85 | 7.65037 |
| 38025 | GLOBAL | Cartesian | 10.79772 | 3.75 | 7.63912 | No | 10.79772 | 3.75 | 7.63912 |
| 38026 | GLOBAL | Cartesian | 10.79772 | 3.85 | 7.63912 | No | 10.79772 | 3.85 | 7.63912 |
| 38027 | GLOBAL | Cartesian | 10.61022 | 3.75 | 7.62787 | No | 10.61022 | 3.75 | 7.62787 |
| 38028 | GLOBAL | Cartesian | 10.61022 | 3.85 | 7.62787 | No | 10.61022 | 3.85 | 7.62787 |
| 38029 | GLOBAL | Cartesian | 10.42272 | 3.75 | 7.61662 | No | 10.42272 | 3.75 | 7.61662 |
| 38030 | GLOBAL | Cartesian | 10.42272 | 3.85 | 7.61662 | No | 10.42272 | 3.85 | 7.61662 |
| 38031 | GLOBAL | Cartesian | 10.23522 | 3.75 | 7.60537 | No | 10.23522 | 3.75 | 7.60537 |
| 38032 | GLOBAL | Cartesian | 10.23522 | 3.85 | 7.60537 | No | 10.23522 | 3.85 | 7.60537 |
| 38033 | GLOBAL | Cartesian | 10.04772 | 3.75 | 7.59412 | No | 10.04772 | 3.75 | 7.59412 |
| 38034 | GLOBAL | Cartesian | 10.04772 | 3.85 | 7.59412 | No | 10.04772 | 3.85 | 7.59412 |
| 38035 | GLOBAL | Cartesian | 9.86022 | 3.75 | 7.58287 | No | 9.86022 | 3.75 | 7.58287 |
| 38036 | GLOBAL | Cartesian | 9.86022 | 3.85 | 7.58287 | No | 9.86022 | 3.85 | 7.58287 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38037 | GLOBAL | Cartesian | 9.67272 | 3.75 | 7.57162 | No | 9.67272 | 3.75 | 7.57162 |
| 38038 | GLOBAL | Cartesian | 9.67272 | 3.85 | 7.57162 | No | 9.67272 | 3.85 | 7.57162 |
| 38039 | GLOBAL | Cartesian | 9.48522 | 3.75 | 7.56037 | No | 9.48522 | 3.75 | 7.56037 |
| 38040 | GLOBAL | Cartesian | 9.48522 | 3.85 | 7.56037 | No | 9.48522 | 3.85 | 7.56037 |
| 38041 | GLOBAL | Cartesian | 9.29772 | 3.75 | 7.54912 | No | 9.29772 | 3.75 | 7.54912 |
| 38042 | GLOBAL | Cartesian | 9.29772 | 3.85 | 7.54912 | No | 9.29772 | 3.85 | 7.54912 |
| 38043 | GLOBAL | Cartesian | 9.11022 | 3.75 | 7.53787 | No | 9.11022 | 3.75 | 7.53787 |
| 38044 | GLOBAL | Cartesian | 9.11022 | 3.85 | 7.53787 | No | 9.11022 | 3.85 | 7.53787 |
| 38045 | GLOBAL | Cartesian | 8.92272 | 3.75 | 7.52662 | No | 8.92272 | 3.75 | 7.52662 |
| 38046 | GLOBAL | Cartesian | 8.92272 | 3.85 | 7.52662 | No | 8.92272 | 3.85 | 7.52662 |
| 38047 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.25203 | No | 8.92272 | 3.75 | 9.25203 |
| 38048 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.15155 | No | 8.92272 | 3.75 | 9.15155 |
| 38049 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.10478 | No | 8.92272 | 3.75 | 9.10478 |
| 38050 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.05802 | No | 8.92272 | 3.75 | 9.05802 |
| 38051 | GLOBAL | Cartesian | 8.92272 | 3.75 | 9.01126 | No | 8.92272 | 3.75 | 9.01126 |
| 38052 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.87096 | No | 8.92272 | 3.75 | 8.87096 |
| 38053 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.73067 | No | 8.92272 | 3.75 | 8.73067 |
| 38054 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.59038 | No | 8.92272 | 3.75 | 8.59038 |
| 38055 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.45009 | No | 8.92272 | 3.75 | 8.45009 |
| 38056 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.30979 | No | 8.92272 | 3.75 | 8.30979 |
| 38057 | GLOBAL | Cartesian | 8.92272 | 3.75 | 8.11402 | No | 8.92272 | 3.75 | 8.11402 |
| 38058 | GLOBAL | Cartesian | 8.92272 | 3.75 | 7.91825 | No | 8.92272 | 3.75 | 7.91825 |
| 38059 | GLOBAL | Cartesian | 8.92272 | 3.75 | 7.72248 | No | 8.92272 | 3.75 | 7.72248 |
| 38060 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.25203 | No | 8.92272 | 3.55 | 9.25203 |
| 38061 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.15155 | No | 8.92272 | 3.55 | 9.15155 |
| 38062 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.10478 | No | 8.92272 | 3.55 | 9.10478 |
| 38063 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.05802 | No | 8.92272 | 3.55 | 9.05802 |
| 38064 | GLOBAL | Cartesian | 8.92272 | 3.55 | 9.01126 | No | 8.92272 | 3.55 | 9.01126 |
| 38065 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.87096 | No | 8.92272 | 3.55 | 8.87096 |
| 38066 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.73067 | No | 8.92272 | 3.55 | 8.73067 |
| 38067 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.59038 | No | 8.92272 | 3.55 | 8.59038 |
| 38068 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.45009 | No | 8.92272 | 3.55 | 8.45009 |
| 38069 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.30979 | No | 8.92272 | 3.55 | 8.30979 |
| 38070 | GLOBAL | Cartesian | 8.92272 | 3.55 | 8.11402 | No | 8.92272 | 3.55 | 8.11402 |
| 38071 | GLOBAL | Cartesian | 8.92272 | 3.55 | 7.91825 | No | 8.92272 | 3.55 | 7.91825 |
| 38072 | GLOBAL | Cartesian | 8.92272 | 3.55 | 7.72248 | No | 8.92272 | 3.55 | 7.72248 |
| 38073 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.25203 | No | 8.92272 | 3.85 | 9.25203 |
| 38074 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.15155 | No | 8.92272 | 3.85 | 9.15155 |
| 38075 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.10478 | No | 8.92272 | 3.85 | 9.10478 |
| 38076 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.05802 | No | 8.92272 | 3.85 | 9.05802 |
| 38077 | GLOBAL | Cartesian | 8.92272 | 3.85 | 9.01126 | No | 8.92272 | 3.85 | 9.01126 |
| 38078 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.87096 | No | 8.92272 | 3.85 | 8.87096 |
| 38079 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.73067 | No | 8.92272 | 3.85 | 8.73067 |
| 38080 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.59038 | No | 8.92272 | 3.85 | 8.59038 |
| 38081 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.45009 | No | 8.92272 | 3.85 | 8.45009 |
| 38082 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.30979 | No | 8.92272 | 3.85 | 8.30979 |
| 38083 | GLOBAL | Cartesian | 8.92272 | 3.85 | 8.11402 | No | 8.92272 | 3.85 | 8.11402 |
| 38084 | GLOBAL | Cartesian | 8.92272 | 3.85 | 7.91825 | No | 8.92272 | 3.85 | 7.91825 |
| 38085 | GLOBAL | Cartesian | 8.92272 | 3.85 | 7.72248 | No | 8.92272 | 3.85 | 7.72248 |
| 38086 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.25203 | No | 8.92272 | 3.45 | 9.25203 |
| 38087 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.15155 | No | 8.92272 | 3.45 | 9.15155 |
| 38088 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.10478 | No | 8.92272 | 3.45 | 9.10478 |
| 38089 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.05802 | No | 8.92272 | 3.45 | 9.05802 |
| 38090 | GLOBAL | Cartesian | 8.92272 | 3.45 | 9.01126 | No | 8.92272 | 3.45 | 9.01126 |
| 38091 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.87096 | No | 8.92272 | 3.45 | 8.87096 |
| 38092 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.73067 | No | 8.92272 | 3.45 | 8.73067 |
| 38093 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.59038 | No | 8.92272 | 3.45 | 8.59038 |
| 38094 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.45009 | No | 8.92272 | 3.45 | 8.45009 |
| 38095 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.30979 | No | 8.92272 | 3.45 | 8.30979 |
| 38096 | GLOBAL | Cartesian | 8.92272 | 3.45 | 8.11402 | No | 8.92272 | 3.45 | 8.11402 |
| 38097 | GLOBAL | Cartesian | 8.92272 | 3.45 | 7.91825 | No | 8.92272 | 3.45 | 7.91825 |
| 38098 | GLOBAL | Cartesian | 8.92272 | 3.45 | 7.72248 | No | 8.92272 | 3.45 | 7.72248 |
| 38101 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.84353 | No | 14.92272 | 3.55 | 9.84353 |
| 38102 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.74304 | No | 14.92272 | 3.55 | 9.74304 |
| 38103 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.67876 | No | 14.92272 | 3.55 | 9.67876 |
| 38104 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.61448 | No | 14.92272 | 3.55 | 9.61448 |
| 38105 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.5502 | No | 14.92272 | 3.55 | 9.5502 |
| 38106 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.35736 | No | 14.92272 | 3.55 | 9.35736 |
| 38107 | GLOBAL | Cartesian | 14.92272 | 3.55 | 9.16451 | No | 14.92272 | 3.55 | 9.16451 |
| 38108 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.97167 | No | 14.92272 | 3.55 | 8.97167 |
| 38109 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.77883 | No | 14.92272 | 3.55 | 8.77883 |
| 38110 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.58598 | No | 14.92272 | 3.55 | 8.58598 |
| 38111 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.40753 | No | 14.92272 | 3.55 | 8.40753 |
| 38112 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.22908 | No | 14.92272 | 3.55 | 8.22908 |
| 38113 | GLOBAL | Cartesian | 14.92272 | 3.55 | 8.05063 | No | 14.92272 | 3.55 | 8.05063 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38114 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.84353 | No | 14.92272 | 3.75 | 9.84353 |
| 38115 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.74304 | No | 14.92272 | 3.75 | 9.74304 |
| 38116 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.67876 | No | 14.92272 | 3.75 | 9.67876 |
| 38117 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.61448 | No | 14.92272 | 3.75 | 9.61448 |
| 38118 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.5502 | No | 14.92272 | 3.75 | 9.5502 |
| 38119 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.35736 | No | 14.92272 | 3.75 | 9.35736 |
| 38120 | GLOBAL | Cartesian | 14.92272 | 3.75 | 9.16451 | No | 14.92272 | 3.75 | 9.16451 |
| 38121 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.97167 | No | 14.92272 | 3.75 | 8.97167 |
| 38122 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.77883 | No | 14.92272 | 3.75 | 8.77883 |
| 38123 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.58598 | No | 14.92272 | 3.75 | 8.58598 |
| 38124 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.40753 | No | 14.92272 | 3.75 | 8.40753 |
| 38125 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.22908 | No | 14.92272 | 3.75 | 8.22908 |
| 38126 | GLOBAL | Cartesian | 14.92272 | 3.75 | 8.05063 | No | 14.92272 | 3.75 | 8.05063 |
| 38129 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.84353 | No | 14.92272 | 3.45 | 9.84353 |
| 38130 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.74304 | No | 14.92272 | 3.45 | 9.74304 |
| 38131 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.67876 | No | 14.92272 | 3.45 | 9.67876 |
| 38132 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.61448 | No | 14.92272 | 3.45 | 9.61448 |
| 38133 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.5502 | No | 14.92272 | 3.45 | 9.5502 |
| 38134 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.35736 | No | 14.92272 | 3.45 | 9.35736 |
| 38135 | GLOBAL | Cartesian | 14.92272 | 3.45 | 9.16451 | No | 14.92272 | 3.45 | 9.16451 |
| 38136 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.97167 | No | 14.92272 | 3.45 | 8.97167 |
| 38137 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.77883 | No | 14.92272 | 3.45 | 8.77883 |
| 38138 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.58598 | No | 14.92272 | 3.45 | 8.58598 |
| 38139 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.40753 | No | 14.92272 | 3.45 | 8.40753 |
| 38140 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.22908 | No | 14.92272 | 3.45 | 8.22908 |
| 38141 | GLOBAL | Cartesian | 14.92272 | 3.45 | 8.05063 | No | 14.92272 | 3.45 | 8.05063 |
| 38142 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.84353 | No | 14.92272 | 3.85 | 9.84353 |
| 38143 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.74304 | No | 14.92272 | 3.85 | 9.74304 |
| 38144 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.67876 | No | 14.92272 | 3.85 | 9.67876 |
| 38145 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.61448 | No | 14.92272 | 3.85 | 9.61448 |
| 38146 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.5502 | No | 14.92272 | 3.85 | 9.5502 |
| 38147 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.35736 | No | 14.92272 | 3.85 | 9.35736 |
| 38148 | GLOBAL | Cartesian | 14.92272 | 3.85 | 9.16451 | No | 14.92272 | 3.85 | 9.16451 |
| 38149 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.97167 | No | 14.92272 | 3.85 | 8.97167 |
| 38150 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.77883 | No | 14.92272 | 3.85 | 8.77883 |
| 38151 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.58598 | No | 14.92272 | 3.85 | 8.58598 |
| 38152 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.40753 | No | 14.92272 | 3.85 | 8.40753 |
| 38153 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.22908 | No | 14.92272 | 3.85 | 8.22908 |
| 38154 | GLOBAL | Cartesian | 14.92272 | 3.85 | 8.05063 | No | 14.92272 | 3.85 | 8.05063 |
| 38155 | GLOBAL | Cartesian | 17.92272 | 3.55 | 10.13927 | No | 17.92272 | 3.55 | 10.13927 |
| 38156 | GLOBAL | Cartesian | 17.92272 | 3.55 | 10.03879 | No | 17.92272 | 3.55 | 10.03879 |
| 38157 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.97604 | No | 17.92272 | 3.55 | 9.97604 |
| 38158 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.9133 | No | 17.92272 | 3.55 | 9.9133 |
| 38159 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.85055 | No | 17.92272 | 3.55 | 9.85055 |
| 38160 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.66231 | No | 17.92272 | 3.55 | 9.66231 |
| 38161 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.47408 | No | 17.92272 | 3.55 | 9.47408 |
| 38162 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.28584 | No | 17.92272 | 3.55 | 9.28584 |
| 38163 | GLOBAL | Cartesian | 17.92272 | 3.55 | 9.0976 | No | 17.92272 | 3.55 | 9.0976 |
| 38164 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.90937 | No | 17.92272 | 3.55 | 8.90937 |
| 38165 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.72113 | No | 17.92272 | 3.55 | 8.72113 |
| 38166 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.5434 | No | 17.92272 | 3.55 | 8.5434 |
| 38167 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.36567 | No | 17.92272 | 3.55 | 8.36567 |
| 38168 | GLOBAL | Cartesian | 17.92272 | 3.55 | 8.18795 | No | 17.92272 | 3.55 | 8.18795 |
| 38169 | GLOBAL | Cartesian | 17.92272 | 3.75 | 10.13927 | No | 17.92272 | 3.75 | 10.13927 |
| 38170 | GLOBAL | Cartesian | 17.92272 | 3.75 | 10.03879 | No | 17.92272 | 3.75 | 10.03879 |
| 38171 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.97604 | No | 17.92272 | 3.75 | 9.97604 |
| 38172 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.9133 | No | 17.92272 | 3.75 | 9.9133 |
| 38173 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.85055 | No | 17.92272 | 3.75 | 9.85055 |
| 38174 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.66231 | No | 17.92272 | 3.75 | 9.66231 |
| 38175 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.47408 | No | 17.92272 | 3.75 | 9.47408 |
| 38176 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.28584 | No | 17.92272 | 3.75 | 9.28584 |
| 38177 | GLOBAL | Cartesian | 17.92272 | 3.75 | 9.0976 | No | 17.92272 | 3.75 | 9.0976 |
| 38178 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.90937 | No | 17.92272 | 3.75 | 8.90937 |
| 38179 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.72113 | No | 17.92272 | 3.75 | 8.72113 |
| 38180 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.5434 | No | 17.92272 | 3.75 | 8.5434 |
| 38181 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.36567 | No | 17.92272 | 3.75 | 8.36567 |
| 38182 | GLOBAL | Cartesian | 17.92272 | 3.75 | 8.18795 | No | 17.92272 | 3.75 | 8.18795 |
| 38183 | GLOBAL | Cartesian | 17.92272 | 3.45 | 10.13927 | No | 17.92272 | 3.45 | 10.13927 |
| 38184 | GLOBAL | Cartesian | 17.92272 | 3.45 | 10.03879 | No | 17.92272 | 3.45 | 10.03879 |
| 38185 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.97604 | No | 17.92272 | 3.45 | 9.97604 |
| 38186 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.9133 | No | 17.92272 | 3.45 | 9.9133 |
| 38187 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.85055 | No | 17.92272 | 3.45 | 9.85055 |
| 38188 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.66231 | No | 17.92272 | 3.45 | 9.66231 |
| 38189 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.47408 | No | 17.92272 | 3.45 | 9.47408 |
| 38190 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.28584 | No | 17.92272 | 3.45 | 9.28584 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38191 | GLOBAL | Cartesian | 17.92272 | 3.45 | 9.0976 | No | 17.92272 | 3.45 | 9.0976 |
| 38192 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.90937 | No | 17.92272 | 3.45 | 8.90937 |
| 38193 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.72113 | No | 17.92272 | 3.45 | 8.72113 |
| 38194 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.5434 | No | 17.92272 | 3.45 | 8.5434 |
| 38195 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.36567 | No | 17.92272 | 3.45 | 8.36567 |
| 38196 | GLOBAL | Cartesian | 17.92272 | 3.45 | 8.18795 | No | 17.92272 | 3.45 | 8.18795 |
| 38197 | GLOBAL | Cartesian | 17.92272 | 3.85 | 10.13927 | No | 17.92272 | 3.85 | 10.13927 |
| 38198 | GLOBAL | Cartesian | 17.92272 | 3.85 | 10.03879 | No | 17.92272 | 3.85 | 10.03879 |
| 38199 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.97604 | No | 17.92272 | 3.85 | 9.97604 |
| 38200 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.9133 | No | 17.92272 | 3.85 | 9.9133 |
| 38201 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.85055 | No | 17.92272 | 3.85 | 9.85055 |
| 38202 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.66231 | No | 17.92272 | 3.85 | 9.66231 |
| 38203 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.47408 | No | 17.92272 | 3.85 | 9.47408 |
| 38204 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.28584 | No | 17.92272 | 3.85 | 9.28584 |
| 38205 | GLOBAL | Cartesian | 17.92272 | 3.85 | 9.0976 | No | 17.92272 | 3.85 | 9.0976 |
| 38206 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.90937 | No | 17.92272 | 3.85 | 8.90937 |
| 38207 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.72113 | No | 17.92272 | 3.85 | 8.72113 |
| 38208 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.5434 | No | 17.92272 | 3.85 | 8.5434 |
| 38209 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.36567 | No | 17.92272 | 3.85 | 8.36567 |
| 38210 | GLOBAL | Cartesian | 17.92272 | 3.85 | 8.18795 | No | 17.92272 | 3.85 | 8.18795 |
| 38211 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.43502 | No | 20.92272 | 3.55 | 10.43502 |
| 38212 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.33453 | No | 20.92272 | 3.55 | 10.33453 |
| 38213 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.27191 | No | 20.92272 | 3.55 | 10.27191 |
| 38214 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.20928 | No | 20.92272 | 3.55 | 10.20928 |
| 38215 | GLOBAL | Cartesian | 20.92272 | 3.55 | 10.14666 | No | 20.92272 | 3.55 | 10.14666 |
| 38216 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.95879 | No | 20.92272 | 3.55 | 9.95879 |
| 38217 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.77091 | No | 20.92272 | 3.55 | 9.77091 |
| 38218 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.58304 | No | 20.92272 | 3.55 | 9.58304 |
| 38219 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.39516 | No | 20.92272 | 3.55 | 9.39516 |
| 38220 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.20729 | No | 20.92272 | 3.55 | 9.20729 |
| 38221 | GLOBAL | Cartesian | 20.92272 | 3.55 | 9.01941 | No | 20.92272 | 3.55 | 9.01941 |
| 38222 | GLOBAL | Cartesian | 20.92272 | 3.55 | 8.83154 | No | 20.92272 | 3.55 | 8.83154 |
| 38223 | GLOBAL | Cartesian | 20.92272 | 3.55 | 8.65385 | No | 20.92272 | 3.55 | 8.65385 |
| 38224 | GLOBAL | Cartesian | 20.92272 | 3.55 | 8.47616 | No | 20.92272 | 3.55 | 8.47616 |
| 38225 | GLOBAL | Cartesian | 20.92272 | 3.55 | 8.29847 | No | 20.92272 | 3.55 | 8.29847 |
| 38226 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.43502 | No | 20.92272 | 3.75 | 10.43502 |
| 38227 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.33453 | No | 20.92272 | 3.75 | 10.33453 |
| 38228 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.27191 | No | 20.92272 | 3.75 | 10.27191 |
| 38229 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.20928 | No | 20.92272 | 3.75 | 10.20928 |
| 38230 | GLOBAL | Cartesian | 20.92272 | 3.75 | 10.14666 | No | 20.92272 | 3.75 | 10.14666 |
| 38231 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.95879 | No | 20.92272 | 3.75 | 9.95879 |
| 38232 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.77091 | No | 20.92272 | 3.75 | 9.77091 |
| 38233 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.58304 | No | 20.92272 | 3.75 | 9.58304 |
| 38234 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.39516 | No | 20.92272 | 3.75 | 9.39516 |
| 38235 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.20729 | No | 20.92272 | 3.75 | 9.20729 |
| 38236 | GLOBAL | Cartesian | 20.92272 | 3.75 | 9.01941 | No | 20.92272 | 3.75 | 9.01941 |
| 38237 | GLOBAL | Cartesian | 20.92272 | 3.75 | 8.83154 | No | 20.92272 | 3.75 | 8.83154 |
| 38238 | GLOBAL | Cartesian | 20.92272 | 3.75 | 8.65385 | No | 20.92272 | 3.75 | 8.65385 |
| 38239 | GLOBAL | Cartesian | 20.92272 | 3.75 | 8.47616 | No | 20.92272 | 3.75 | 8.47616 |
| 38240 | GLOBAL | Cartesian | 20.92272 | 3.75 | 8.29847 | No | 20.92272 | 3.75 | 8.29847 |
| 38241 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.43502 | No | 20.92272 | 3.45 | 10.43502 |
| 38242 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.33453 | No | 20.92272 | 3.45 | 10.33453 |
| 38243 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.27191 | No | 20.92272 | 3.45 | 10.27191 |
| 38244 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.20928 | No | 20.92272 | 3.45 | 10.20928 |
| 38245 | GLOBAL | Cartesian | 20.92272 | 3.45 | 10.14666 | No | 20.92272 | 3.45 | 10.14666 |
| 38246 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.95879 | No | 20.92272 | 3.45 | 9.95879 |
| 38247 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.77091 | No | 20.92272 | 3.45 | 9.77091 |
| 38248 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.58304 | No | 20.92272 | 3.45 | 9.58304 |
| 38249 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.39516 | No | 20.92272 | 3.45 | 9.39516 |
| 38250 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.20729 | No | 20.92272 | 3.45 | 9.20729 |
| 38251 | GLOBAL | Cartesian | 20.92272 | 3.45 | 9.01941 | No | 20.92272 | 3.45 | 9.01941 |
| 38252 | GLOBAL | Cartesian | 20.92272 | 3.45 | 8.83154 | No | 20.92272 | 3.45 | 8.83154 |
| 38253 | GLOBAL | Cartesian | 20.92272 | 3.45 | 8.65385 | No | 20.92272 | 3.45 | 8.65385 |
| 38254 | GLOBAL | Cartesian | 20.92272 | 3.45 | 8.47616 | No | 20.92272 | 3.45 | 8.47616 |
| 38255 | GLOBAL | Cartesian | 20.92272 | 3.45 | 8.29847 | No | 20.92272 | 3.45 | 8.29847 |
| 38256 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.43502 | No | 20.92272 | 3.85 | 10.43502 |
| 38257 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.33453 | No | 20.92272 | 3.85 | 10.33453 |
| 38258 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.27191 | No | 20.92272 | 3.85 | 10.27191 |
| 38259 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.20928 | No | 20.92272 | 3.85 | 10.20928 |
| 38260 | GLOBAL | Cartesian | 20.92272 | 3.85 | 10.14666 | No | 20.92272 | 3.85 | 10.14666 |
| 38261 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.95879 | No | 20.92272 | 3.85 | 9.95879 |
| 38262 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.77091 | No | 20.92272 | 3.85 | 9.77091 |
| 38263 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.58304 | No | 20.92272 | 3.85 | 9.58304 |
| 38264 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.39516 | No | 20.92272 | 3.85 | 9.39516 |
| 38265 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.20729 | No | 20.92272 | 3.85 | 9.20729 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38266 | GLOBAL | Cartesian | 20.92272 | 3.85 | 9.01941 | No | 20.92272 | 3.85 | 9.01941 |
| 38267 | GLOBAL | Cartesian | 20.92272 | 3.85 | 8.83154 | No | 20.92272 | 3.85 | 8.83154 |
| 38268 | GLOBAL | Cartesian | 20.92272 | 3.85 | 8.65385 | No | 20.92272 | 3.85 | 8.65385 |
| 38269 | GLOBAL | Cartesian | 20.92272 | 3.85 | 8.47616 | No | 20.92272 | 3.85 | 8.47616 |
| 38270 | GLOBAL | Cartesian | 20.92272 | 3.85 | 8.29847 | No | 20.92272 | 3.85 | 8.29847 |
| 38271 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.73077 | No | 23.92272 | 3.55 | 10.73077 |
| 38272 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.63028 | No | 23.92272 | 3.55 | 10.63028 |
| 38273 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.56674 | No | 23.92272 | 3.55 | 10.56674 |
| 38274 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.50319 | No | 23.92272 | 3.55 | 10.50319 |
| 38275 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.43964 | No | 23.92272 | 3.55 | 10.43964 |
| 38276 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.24901 | No | 23.92272 | 3.55 | 10.24901 |
| 38277 | GLOBAL | Cartesian | 23.92272 | 3.55 | 10.05837 | No | 23.92272 | 3.55 | 10.05837 |
| 38278 | GLOBAL | Cartesian | 23.92272 | 3.55 | 9.86773 | No | 23.92272 | 3.55 | 9.86773 |
| 38279 | GLOBAL | Cartesian | 23.92272 | 3.55 | 9.6771 | No | 23.92272 | 3.55 | 9.6771 |
| 38280 | GLOBAL | Cartesian | 23.92272 | 3.55 | 9.48646 | No | 23.92272 | 3.55 | 9.48646 |
| 38281 | GLOBAL | Cartesian | 23.92272 | 3.55 | 9.29583 | No | 23.92272 | 3.55 | 9.29583 |
| 38282 | GLOBAL | Cartesian | 23.92272 | 3.55 | 9.10519 | No | 23.92272 | 3.55 | 9.10519 |
| 38283 | GLOBAL | Cartesian | 23.92272 | 3.55 | 8.91455 | No | 23.92272 | 3.55 | 8.91455 |
| 38284 | GLOBAL | Cartesian | 23.92272 | 3.55 | 8.73689 | No | 23.92272 | 3.55 | 8.73689 |
| 38285 | GLOBAL | Cartesian | 23.92272 | 3.55 | 8.55922 | No | 23.92272 | 3.55 | 8.55922 |
| 38286 | GLOBAL | Cartesian | 23.92272 | 3.55 | 8.38156 | No | 23.92272 | 3.55 | 8.38156 |
| 38287 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.73077 | No | 23.92272 | 3.75 | 10.73077 |
| 38288 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.63028 | No | 23.92272 | 3.75 | 10.63028 |
| 38289 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.56674 | No | 23.92272 | 3.75 | 10.56674 |
| 38290 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.50319 | No | 23.92272 | 3.75 | 10.50319 |
| 38291 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.43964 | No | 23.92272 | 3.75 | 10.43964 |
| 38292 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.24901 | No | 23.92272 | 3.75 | 10.24901 |
| 38293 | GLOBAL | Cartesian | 23.92272 | 3.75 | 10.05837 | No | 23.92272 | 3.75 | 10.05837 |
| 38294 | GLOBAL | Cartesian | 23.92272 | 3.75 | 9.86773 | No | 23.92272 | 3.75 | 9.86773 |
| 38295 | GLOBAL | Cartesian | 23.92272 | 3.75 | 9.6771 | No | 23.92272 | 3.75 | 9.6771 |
| 38296 | GLOBAL | Cartesian | 23.92272 | 3.75 | 9.48646 | No | 23.92272 | 3.75 | 9.48646 |
| 38297 | GLOBAL | Cartesian | 23.92272 | 3.75 | 9.29583 | No | 23.92272 | 3.75 | 9.29583 |
| 38298 | GLOBAL | Cartesian | 23.92272 | 3.75 | 9.10519 | No | 23.92272 | 3.75 | 9.10519 |
| 38299 | GLOBAL | Cartesian | 23.92272 | 3.75 | 8.91455 | No | 23.92272 | 3.75 | 8.91455 |
| 38300 | GLOBAL | Cartesian | 23.92272 | 3.75 | 8.73689 | No | 23.92272 | 3.75 | 8.73689 |
| 38301 | GLOBAL | Cartesian | 23.92272 | 3.75 | 8.55922 | No | 23.92272 | 3.75 | 8.55922 |
| 38302 | GLOBAL | Cartesian | 23.92272 | 3.75 | 8.38156 | No | 23.92272 | 3.75 | 8.38156 |
| 38303 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.73077 | No | 23.92272 | 3.45 | 10.73077 |
| 38304 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.63028 | No | 23.92272 | 3.45 | 10.63028 |
| 38305 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.56674 | No | 23.92272 | 3.45 | 10.56674 |
| 38306 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.50319 | No | 23.92272 | 3.45 | 10.50319 |
| 38307 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.43964 | No | 23.92272 | 3.45 | 10.43964 |
| 38308 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.24901 | No | 23.92272 | 3.45 | 10.24901 |
| 38309 | GLOBAL | Cartesian | 23.92272 | 3.45 | 10.05837 | No | 23.92272 | 3.45 | 10.05837 |
| 38310 | GLOBAL | Cartesian | 23.92272 | 3.45 | 9.86773 | No | 23.92272 | 3.45 | 9.86773 |
| 38311 | GLOBAL | Cartesian | 23.92272 | 3.45 | 9.6771 | No | 23.92272 | 3.45 | 9.6771 |
| 38312 | GLOBAL | Cartesian | 23.92272 | 3.45 | 9.48646 | No | 23.92272 | 3.45 | 9.48646 |
| 38313 | GLOBAL | Cartesian | 23.92272 | 3.45 | 9.29583 | No | 23.92272 | 3.45 | 9.29583 |
| 38314 | GLOBAL | Cartesian | 23.92272 | 3.45 | 9.10519 | No | 23.92272 | 3.45 | 9.10519 |
| 38315 | GLOBAL | Cartesian | 23.92272 | 3.45 | 8.91455 | No | 23.92272 | 3.45 | 8.91455 |
| 38316 | GLOBAL | Cartesian | 23.92272 | 3.45 | 8.73689 | No | 23.92272 | 3.45 | 8.73689 |
| 38317 | GLOBAL | Cartesian | 23.92272 | 3.45 | 8.55922 | No | 23.92272 | 3.45 | 8.55922 |
| 38318 | GLOBAL | Cartesian | 23.92272 | 3.45 | 8.38156 | No | 23.92272 | 3.45 | 8.38156 |
| 38319 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.73077 | No | 23.92272 | 3.85 | 10.73077 |
| 38320 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.63028 | No | 23.92272 | 3.85 | 10.63028 |
| 38321 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.56674 | No | 23.92272 | 3.85 | 10.56674 |
| 38322 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.50319 | No | 23.92272 | 3.85 | 10.50319 |
| 38323 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.43964 | No | 23.92272 | 3.85 | 10.43964 |
| 38324 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.24901 | No | 23.92272 | 3.85 | 10.24901 |
| 38325 | GLOBAL | Cartesian | 23.92272 | 3.85 | 10.05837 | No | 23.92272 | 3.85 | 10.05837 |
| 38326 | GLOBAL | Cartesian | 23.92272 | 3.85 | 9.86773 | No | 23.92272 | 3.85 | 9.86773 |
| 38327 | GLOBAL | Cartesian | 23.92272 | 3.85 | 9.6771 | No | 23.92272 | 3.85 | 9.6771 |
| 38328 | GLOBAL | Cartesian | 23.92272 | 3.85 | 9.48646 | No | 23.92272 | 3.85 | 9.48646 |
| 38329 | GLOBAL | Cartesian | 23.92272 | 3.85 | 9.29583 | No | 23.92272 | 3.85 | 9.29583 |
| 38330 | GLOBAL | Cartesian | 23.92272 | 3.85 | 9.10519 | No | 23.92272 | 3.85 | 9.10519 |
| 38331 | GLOBAL | Cartesian | 23.92272 | 3.85 | 8.91455 | No | 23.92272 | 3.85 | 8.91455 |
| 38332 | GLOBAL | Cartesian | 23.92272 | 3.85 | 8.73689 | No | 23.92272 | 3.85 | 8.73689 |
| 38333 | GLOBAL | Cartesian | 23.92272 | 3.85 | 8.55922 | No | 23.92272 | 3.85 | 8.55922 |
| 38334 | GLOBAL | Cartesian | 23.92272 | 3.85 | 8.38156 | No | 23.92272 | 3.85 | 8.38156 |
| 38335 | GLOBAL | Cartesian | 26.92272 | 3.55 | 11.02651 | No | 26.92272 | 3.55 | 11.02651 |
| 38336 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.92603 | No | 26.92272 | 3.55 | 10.92603 |
| 38337 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.82797 | No | 26.92272 | 3.55 | 10.82797 |
| 38338 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.73044 | No | 26.92272 | 3.55 | 10.73044 |
| 38339 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.53486 | No | 26.92272 | 3.55 | 10.53486 |
| 38340 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.33928 | No | 26.92272 | 3.55 | 10.33928 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|-----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38341 | GLOBAL | Cartesian | 26.92272 | 3.55 | 10.1437 | No | 26.92272 | 3.55 | 10.1437 |
| 38342 | GLOBAL | Cartesian | 26.92272 | 3.55 | 9.94811 | No | 26.92272 | 3.55 | 9.94811 |
| 38343 | GLOBAL | Cartesian | 26.92272 | 3.55 | 9.75253 | No | 26.92272 | 3.55 | 9.75253 |
| 38344 | GLOBAL | Cartesian | 26.92272 | 3.55 | 9.55695 | No | 26.92272 | 3.55 | 9.55695 |
| 38345 | GLOBAL | Cartesian | 26.92272 | 3.55 | 9.36136 | No | 26.92272 | 3.55 | 9.36136 |
| 38346 | GLOBAL | Cartesian | 26.92272 | 3.55 | 9.16578 | No | 26.92272 | 3.55 | 9.16578 |
| 38347 | GLOBAL | Cartesian | 26.92272 | 3.55 | 8.9702 | No | 26.92272 | 3.55 | 8.9702 |
| 38348 | GLOBAL | Cartesian | 26.92272 | 3.55 | 8.79254 | No | 26.92272 | 3.55 | 8.79254 |
| 38349 | GLOBAL | Cartesian | 26.92272 | 3.55 | 8.61489 | No | 26.92272 | 3.55 | 8.61489 |
| 38350 | GLOBAL | Cartesian | 26.92272 | 3.55 | 8.43723 | No | 26.92272 | 3.55 | 8.43723 |
| 38351 | GLOBAL | Cartesian | 26.92272 | 3.75 | 11.02651 | No | 26.92272 | 3.75 | 11.02651 |
| 38352 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.92603 | No | 26.92272 | 3.75 | 10.92603 |
| 38353 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.82797 | No | 26.92272 | 3.75 | 10.82797 |
| 38354 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.73044 | No | 26.92272 | 3.75 | 10.73044 |
| 38355 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.53486 | No | 26.92272 | 3.75 | 10.53486 |
| 38356 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.33928 | No | 26.92272 | 3.75 | 10.33928 |
| 38357 | GLOBAL | Cartesian | 26.92272 | 3.75 | 10.1437 | No | 26.92272 | 3.75 | 10.1437 |
| 38358 | GLOBAL | Cartesian | 26.92272 | 3.75 | 9.94811 | No | 26.92272 | 3.75 | 9.94811 |
| 38359 | GLOBAL | Cartesian | 26.92272 | 3.75 | 9.75253 | No | 26.92272 | 3.75 | 9.75253 |
| 38360 | GLOBAL | Cartesian | 26.92272 | 3.75 | 9.55695 | No | 26.92272 | 3.75 | 9.55695 |
| 38361 | GLOBAL | Cartesian | 26.92272 | 3.75 | 9.36136 | No | 26.92272 | 3.75 | 9.36136 |
| 38362 | GLOBAL | Cartesian | 26.92272 | 3.75 | 9.16578 | No | 26.92272 | 3.75 | 9.16578 |
| 38363 | GLOBAL | Cartesian | 26.92272 | 3.75 | 8.9702 | No | 26.92272 | 3.75 | 8.9702 |
| 38364 | GLOBAL | Cartesian | 26.92272 | 3.75 | 8.79254 | No | 26.92272 | 3.75 | 8.79254 |
| 38365 | GLOBAL | Cartesian | 26.92272 | 3.75 | 8.61489 | No | 26.92272 | 3.75 | 8.61489 |
| 38366 | GLOBAL | Cartesian | 26.92272 | 3.75 | 8.43723 | No | 26.92272 | 3.75 | 8.43723 |
| 38367 | GLOBAL | Cartesian | 26.92272 | 3.45 | 11.02651 | No | 26.92272 | 3.45 | 11.02651 |
| 38368 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.92603 | No | 26.92272 | 3.45 | 10.92603 |
| 38369 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.82797 | No | 26.92272 | 3.45 | 10.82797 |
| 38370 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.73044 | No | 26.92272 | 3.45 | 10.73044 |
| 38371 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.53486 | No | 26.92272 | 3.45 | 10.53486 |
| 38372 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.33928 | No | 26.92272 | 3.45 | 10.33928 |
| 38373 | GLOBAL | Cartesian | 26.92272 | 3.45 | 10.1437 | No | 26.92272 | 3.45 | 10.1437 |
| 38374 | GLOBAL | Cartesian | 26.92272 | 3.45 | 9.94811 | No | 26.92272 | 3.45 | 9.94811 |
| 38375 | GLOBAL | Cartesian | 26.92272 | 3.45 | 9.75253 | No | 26.92272 | 3.45 | 9.75253 |
| 38376 | GLOBAL | Cartesian | 26.92272 | 3.45 | 9.55695 | No | 26.92272 | 3.45 | 9.55695 |
| 38377 | GLOBAL | Cartesian | 26.92272 | 3.45 | 9.36136 | No | 26.92272 | 3.45 | 9.36136 |
| 38378 | GLOBAL | Cartesian | 26.92272 | 3.45 | 9.16578 | No | 26.92272 | 3.45 | 9.16578 |
| 38379 | GLOBAL | Cartesian | 26.92272 | 3.45 | 8.9702 | No | 26.92272 | 3.45 | 8.9702 |
| 38380 | GLOBAL | Cartesian | 26.92272 | 3.45 | 8.79254 | No | 26.92272 | 3.45 | 8.79254 |
| 38381 | GLOBAL | Cartesian | 26.92272 | 3.45 | 8.61489 | No | 26.92272 | 3.45 | 8.61489 |
| 38382 | GLOBAL | Cartesian | 26.92272 | 3.45 | 8.43723 | No | 26.92272 | 3.45 | 8.43723 |
| 38383 | GLOBAL | Cartesian | 26.92272 | 3.85 | 11.02651 | No | 26.92272 | 3.85 | 11.02651 |
| 38384 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.92603 | No | 26.92272 | 3.85 | 10.92603 |
| 38385 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.82797 | No | 26.92272 | 3.85 | 10.82797 |
| 38386 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.73044 | No | 26.92272 | 3.85 | 10.73044 |
| 38387 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.53486 | No | 26.92272 | 3.85 | 10.53486 |
| 38388 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.33928 | No | 26.92272 | 3.85 | 10.33928 |
| 38389 | GLOBAL | Cartesian | 26.92272 | 3.85 | 10.1437 | No | 26.92272 | 3.85 | 10.1437 |
| 38390 | GLOBAL | Cartesian | 26.92272 | 3.85 | 9.94811 | No | 26.92272 | 3.85 | 9.94811 |
| 38391 | GLOBAL | Cartesian | 26.92272 | 3.85 | 9.75253 | No | 26.92272 | 3.85 | 9.75253 |
| 38392 | GLOBAL | Cartesian | 26.92272 | 3.85 | 9.55695 | No | 26.92272 | 3.85 | 9.55695 |
| 38393 | GLOBAL | Cartesian | 26.92272 | 3.85 | 9.36136 | No | 26.92272 | 3.85 | 9.36136 |
| 38394 | GLOBAL | Cartesian | 26.92272 | 3.85 | 9.16578 | No | 26.92272 | 3.85 | 9.16578 |
| 38395 | GLOBAL | Cartesian | 26.92272 | 3.85 | 8.9702 | No | 26.92272 | 3.85 | 8.9702 |
| 38396 | GLOBAL | Cartesian | 26.92272 | 3.85 | 8.79254 | No | 26.92272 | 3.85 | 8.79254 |
| 38397 | GLOBAL | Cartesian | 26.92272 | 3.85 | 8.61489 | No | 26.92272 | 3.85 | 8.61489 |
| 38398 | GLOBAL | Cartesian | 26.92272 | 3.85 | 8.43723 | No | 26.92272 | 3.85 | 8.43723 |
| 38399 | GLOBAL | Cartesian | 29.92272 | 3.55 | 11.32226 | No | 29.92272 | 3.55 | 11.32226 |
| 38400 | GLOBAL | Cartesian | 29.92272 | 3.55 | 11.22177 | No | 29.92272 | 3.55 | 11.22177 |
| 38401 | GLOBAL | Cartesian | 29.92272 | 3.55 | 11.03672 | No | 29.92272 | 3.55 | 11.03672 |
| 38402 | GLOBAL | Cartesian | 29.92272 | 3.55 | 10.85166 | No | 29.92272 | 3.55 | 10.85166 |
| 38403 | GLOBAL | Cartesian | 29.92272 | 3.55 | 10.66661 | No | 29.92272 | 3.55 | 10.66661 |
| 38404 | GLOBAL | Cartesian | 29.92272 | 3.55 | 10.48155 | No | 29.92272 | 3.55 | 10.48155 |
| 38405 | GLOBAL | Cartesian | 29.92272 | 3.55 | 10.2965 | No | 29.92272 | 3.55 | 10.2965 |
| 38406 | GLOBAL | Cartesian | 29.92272 | 3.55 | 10.11144 | No | 29.92272 | 3.55 | 10.11144 |
| 38407 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.92638 | No | 29.92272 | 3.55 | 9.92638 |
| 38408 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.74133 | No | 29.92272 | 3.55 | 9.74133 |
| 38409 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.55627 | No | 29.92272 | 3.55 | 9.55627 |
| 38410 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.37122 | No | 29.92272 | 3.55 | 9.37122 |
| 38411 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.18616 | No | 29.92272 | 3.55 | 9.18616 |
| 38412 | GLOBAL | Cartesian | 29.92272 | 3.55 | 9.00111 | No | 29.92272 | 3.55 | 9.00111 |
| 38413 | GLOBAL | Cartesian | 29.92272 | 3.55 | 8.82279 | No | 29.92272 | 3.55 | 8.82279 |
| 38414 | GLOBAL | Cartesian | 29.92272 | 3.55 | 8.64447 | No | 29.92272 | 3.55 | 8.64447 |
| 38415 | GLOBAL | Cartesian | 29.92272 | 3.55 | 8.46616 | No | 29.92272 | 3.55 | 8.46616 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38416 | GLOBAL | Cartesian | 29.92272 | 3.75 | 11.32226 | No | 29.92272 | 3.75 | 11.32226 |
| 38417 | GLOBAL | Cartesian | 29.92272 | 3.75 | 11.22177 | No | 29.92272 | 3.75 | 11.22177 |
| 38418 | GLOBAL | Cartesian | 29.92272 | 3.75 | 11.03672 | No | 29.92272 | 3.75 | 11.03672 |
| 38419 | GLOBAL | Cartesian | 29.92272 | 3.75 | 10.85166 | No | 29.92272 | 3.75 | 10.85166 |
| 38420 | GLOBAL | Cartesian | 29.92272 | 3.75 | 10.66661 | No | 29.92272 | 3.75 | 10.66661 |
| 38421 | GLOBAL | Cartesian | 29.92272 | 3.75 | 10.48155 | No | 29.92272 | 3.75 | 10.48155 |
| 38422 | GLOBAL | Cartesian | 29.92272 | 3.75 | 10.2965 | No | 29.92272 | 3.75 | 10.2965 |
| 38423 | GLOBAL | Cartesian | 29.92272 | 3.75 | 10.11144 | No | 29.92272 | 3.75 | 10.11144 |
| 38424 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.92638 | No | 29.92272 | 3.75 | 9.92638 |
| 38425 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.74133 | No | 29.92272 | 3.75 | 9.74133 |
| 38426 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.55627 | No | 29.92272 | 3.75 | 9.55627 |
| 38427 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.37122 | No | 29.92272 | 3.75 | 9.37122 |
| 38428 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.18616 | No | 29.92272 | 3.75 | 9.18616 |
| 38429 | GLOBAL | Cartesian | 29.92272 | 3.75 | 9.00111 | No | 29.92272 | 3.75 | 9.00111 |
| 38430 | GLOBAL | Cartesian | 29.92272 | 3.75 | 8.82279 | No | 29.92272 | 3.75 | 8.82279 |
| 38431 | GLOBAL | Cartesian | 29.92272 | 3.75 | 8.64447 | No | 29.92272 | 3.75 | 8.64447 |
| 38432 | GLOBAL | Cartesian | 29.92272 | 3.75 | 8.46616 | No | 29.92272 | 3.75 | 8.46616 |
| 38433 | GLOBAL | Cartesian | 29.92272 | 3.45 | 11.32226 | No | 29.92272 | 3.45 | 11.32226 |
| 38434 | GLOBAL | Cartesian | 29.92272 | 3.45 | 11.22177 | No | 29.92272 | 3.45 | 11.22177 |
| 38435 | GLOBAL | Cartesian | 29.92272 | 3.45 | 11.03672 | No | 29.92272 | 3.45 | 11.03672 |
| 38436 | GLOBAL | Cartesian | 29.92272 | 3.45 | 10.85166 | No | 29.92272 | 3.45 | 10.85166 |
| 38437 | GLOBAL | Cartesian | 29.92272 | 3.45 | 10.66661 | No | 29.92272 | 3.45 | 10.66661 |
| 38438 | GLOBAL | Cartesian | 29.92272 | 3.45 | 10.48155 | No | 29.92272 | 3.45 | 10.48155 |
| 38439 | GLOBAL | Cartesian | 29.92272 | 3.45 | 10.2965 | No | 29.92272 | 3.45 | 10.2965 |
| 38440 | GLOBAL | Cartesian | 29.92272 | 3.45 | 10.11144 | No | 29.92272 | 3.45 | 10.11144 |
| 38441 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.92638 | No | 29.92272 | 3.45 | 9.92638 |
| 38442 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.74133 | No | 29.92272 | 3.45 | 9.74133 |
| 38443 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.55627 | No | 29.92272 | 3.45 | 9.55627 |
| 38444 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.37122 | No | 29.92272 | 3.45 | 9.37122 |
| 38445 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.18616 | No | 29.92272 | 3.45 | 9.18616 |
| 38446 | GLOBAL | Cartesian | 29.92272 | 3.45 | 9.00111 | No | 29.92272 | 3.45 | 9.00111 |
| 38447 | GLOBAL | Cartesian | 29.92272 | 3.45 | 8.82279 | No | 29.92272 | 3.45 | 8.82279 |
| 38448 | GLOBAL | Cartesian | 29.92272 | 3.45 | 8.64447 | No | 29.92272 | 3.45 | 8.64447 |
| 38449 | GLOBAL | Cartesian | 29.92272 | 3.45 | 8.46616 | No | 29.92272 | 3.45 | 8.46616 |
| 38450 | GLOBAL | Cartesian | 29.92272 | 3.85 | 11.32226 | No | 29.92272 | 3.85 | 11.32226 |
| 38451 | GLOBAL | Cartesian | 29.92272 | 3.85 | 11.22177 | No | 29.92272 | 3.85 | 11.22177 |
| 38452 | GLOBAL | Cartesian | 29.92272 | 3.85 | 11.03672 | No | 29.92272 | 3.85 | 11.03672 |
| 38453 | GLOBAL | Cartesian | 29.92272 | 3.85 | 10.85166 | No | 29.92272 | 3.85 | 10.85166 |
| 38454 | GLOBAL | Cartesian | 29.92272 | 3.85 | 10.66661 | No | 29.92272 | 3.85 | 10.66661 |
| 38455 | GLOBAL | Cartesian | 29.92272 | 3.85 | 10.48155 | No | 29.92272 | 3.85 | 10.48155 |
| 38456 | GLOBAL | Cartesian | 29.92272 | 3.85 | 10.2965 | No | 29.92272 | 3.85 | 10.2965 |
| 38457 | GLOBAL | Cartesian | 29.92272 | 3.85 | 10.11144 | No | 29.92272 | 3.85 | 10.11144 |
| 38458 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.92638 | No | 29.92272 | 3.85 | 9.92638 |
| 38459 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.74133 | No | 29.92272 | 3.85 | 9.74133 |
| 38460 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.55627 | No | 29.92272 | 3.85 | 9.55627 |
| 38461 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.37122 | No | 29.92272 | 3.85 | 9.37122 |
| 38462 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.18616 | No | 29.92272 | 3.85 | 9.18616 |
| 38463 | GLOBAL | Cartesian | 29.92272 | 3.85 | 9.00111 | No | 29.92272 | 3.85 | 9.00111 |
| 38464 | GLOBAL | Cartesian | 29.92272 | 3.85 | 8.82279 | No | 29.92272 | 3.85 | 8.82279 |
| 38465 | GLOBAL | Cartesian | 29.92272 | 3.85 | 8.64447 | No | 29.92272 | 3.85 | 8.64447 |
| 38466 | GLOBAL | Cartesian | 29.92272 | 3.85 | 8.46616 | No | 29.92272 | 3.85 | 8.46616 |
| 38467 | GLOBAL | Cartesian | 32.92268 | 3.55 | 11.32226 | No | 32.92268 | 3.55 | 11.32226 |
| 38468 | GLOBAL | Cartesian | 32.92268 | 3.55 | 11.22177 | No | 32.92268 | 3.55 | 11.22177 |
| 38469 | GLOBAL | Cartesian | 32.92268 | 3.55 | 11.03672 | No | 32.92268 | 3.55 | 11.03672 |
| 38470 | GLOBAL | Cartesian | 32.92268 | 3.55 | 10.85166 | No | 32.92268 | 3.55 | 10.85166 |
| 38471 | GLOBAL | Cartesian | 32.92268 | 3.55 | 10.66661 | No | 32.92268 | 3.55 | 10.66661 |
| 38472 | GLOBAL | Cartesian | 32.92268 | 3.55 | 10.48155 | No | 32.92268 | 3.55 | 10.48155 |
| 38473 | GLOBAL | Cartesian | 32.92268 | 3.55 | 10.2965 | No | 32.92268 | 3.55 | 10.2965 |
| 38474 | GLOBAL | Cartesian | 32.92268 | 3.55 | 10.11144 | No | 32.92268 | 3.55 | 10.11144 |
| 38475 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.92638 | No | 32.92268 | 3.55 | 9.92638 |
| 38476 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.74133 | No | 32.92268 | 3.55 | 9.74133 |
| 38477 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.55627 | No | 32.92268 | 3.55 | 9.55627 |
| 38478 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.37122 | No | 32.92268 | 3.55 | 9.37122 |
| 38479 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.18616 | No | 32.92268 | 3.55 | 9.18616 |
| 38480 | GLOBAL | Cartesian | 32.92268 | 3.55 | 9.00111 | No | 32.92268 | 3.55 | 9.00111 |
| 38481 | GLOBAL | Cartesian | 32.92268 | 3.55 | 8.82279 | No | 32.92268 | 3.55 | 8.82279 |
| 38482 | GLOBAL | Cartesian | 32.92268 | 3.55 | 8.64447 | No | 32.92268 | 3.55 | 8.64447 |
| 38483 | GLOBAL | Cartesian | 32.92268 | 3.55 | 8.46616 | No | 32.92268 | 3.55 | 8.46616 |
| 38484 | GLOBAL | Cartesian | 32.92268 | 3.75 | 11.32226 | No | 32.92268 | 3.75 | 11.32226 |
| 38485 | GLOBAL | Cartesian | 32.92268 | 3.75 | 11.22177 | No | 32.92268 | 3.75 | 11.22177 |
| 38486 | GLOBAL | Cartesian | 32.92268 | 3.75 | 11.03672 | No | 32.92268 | 3.75 | 11.03672 |
| 38487 | GLOBAL | Cartesian | 32.92268 | 3.75 | 10.85166 | No | 32.92268 | 3.75 | 10.85166 |
| 38488 | GLOBAL | Cartesian | 32.92268 | 3.75 | 10.66661 | No | 32.92268 | 3.75 | 10.66661 |
| 38489 | GLOBAL | Cartesian | 32.92268 | 3.75 | 10.48155 | No | 32.92268 | 3.75 | 10.48155 |
| 38490 | GLOBAL | Cartesian | 32.92268 | 3.75 | 10.2965 | No | 32.92268 | 3.75 | 10.2965 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38491 | GLOBAL | Cartesian | 32.92268 | 3.75 | 10.11144 | No | 32.92268 | 3.75 | 10.11144 |
| 38492 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.92638 | No | 32.92268 | 3.75 | 9.92638 |
| 38493 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.74133 | No | 32.92268 | 3.75 | 9.74133 |
| 38494 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.55627 | No | 32.92268 | 3.75 | 9.55627 |
| 38495 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.37122 | No | 32.92268 | 3.75 | 9.37122 |
| 38496 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.18616 | No | 32.92268 | 3.75 | 9.18616 |
| 38497 | GLOBAL | Cartesian | 32.92268 | 3.75 | 9.00111 | No | 32.92268 | 3.75 | 9.00111 |
| 38498 | GLOBAL | Cartesian | 32.92268 | 3.75 | 8.82279 | No | 32.92268 | 3.75 | 8.82279 |
| 38499 | GLOBAL | Cartesian | 32.92268 | 3.75 | 8.64447 | No | 32.92268 | 3.75 | 8.64447 |
| 38500 | GLOBAL | Cartesian | 32.92268 | 3.75 | 8.46616 | No | 32.92268 | 3.75 | 8.46616 |
| 38501 | GLOBAL | Cartesian | 32.92268 | 3.45 | 11.32226 | No | 32.92268 | 3.45 | 11.32226 |
| 38502 | GLOBAL | Cartesian | 32.92268 | 3.45 | 11.22177 | No | 32.92268 | 3.45 | 11.22177 |
| 38503 | GLOBAL | Cartesian | 32.92268 | 3.45 | 11.03672 | No | 32.92268 | 3.45 | 11.03672 |
| 38504 | GLOBAL | Cartesian | 32.92268 | 3.45 | 10.85166 | No | 32.92268 | 3.45 | 10.85166 |
| 38505 | GLOBAL | Cartesian | 32.92268 | 3.45 | 10.66661 | No | 32.92268 | 3.45 | 10.66661 |
| 38506 | GLOBAL | Cartesian | 32.92268 | 3.45 | 10.48155 | No | 32.92268 | 3.45 | 10.48155 |
| 38507 | GLOBAL | Cartesian | 32.92268 | 3.45 | 10.2965 | No | 32.92268 | 3.45 | 10.2965 |
| 38508 | GLOBAL | Cartesian | 32.92268 | 3.45 | 10.11144 | No | 32.92268 | 3.45 | 10.11144 |
| 38509 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.92638 | No | 32.92268 | 3.45 | 9.92638 |
| 38510 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.74133 | No | 32.92268 | 3.45 | 9.74133 |
| 38511 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.55627 | No | 32.92268 | 3.45 | 9.55627 |
| 38512 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.37122 | No | 32.92268 | 3.45 | 9.37122 |
| 38513 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.18616 | No | 32.92268 | 3.45 | 9.18616 |
| 38514 | GLOBAL | Cartesian | 32.92268 | 3.45 | 9.00111 | No | 32.92268 | 3.45 | 9.00111 |
| 38515 | GLOBAL | Cartesian | 32.92268 | 3.45 | 8.82279 | No | 32.92268 | 3.45 | 8.82279 |
| 38516 | GLOBAL | Cartesian | 32.92268 | 3.45 | 8.64447 | No | 32.92268 | 3.45 | 8.64447 |
| 38517 | GLOBAL | Cartesian | 32.92268 | 3.45 | 8.46616 | No | 32.92268 | 3.45 | 8.46616 |
| 38518 | GLOBAL | Cartesian | 32.92268 | 3.85 | 11.32226 | No | 32.92268 | 3.85 | 11.32226 |
| 38519 | GLOBAL | Cartesian | 32.92268 | 3.85 | 11.22177 | No | 32.92268 | 3.85 | 11.22177 |
| 38520 | GLOBAL | Cartesian | 32.92268 | 3.85 | 11.03672 | No | 32.92268 | 3.85 | 11.03672 |
| 38521 | GLOBAL | Cartesian | 32.92268 | 3.85 | 10.85166 | No | 32.92268 | 3.85 | 10.85166 |
| 38522 | GLOBAL | Cartesian | 32.92268 | 3.85 | 10.66661 | No | 32.92268 | 3.85 | 10.66661 |
| 38523 | GLOBAL | Cartesian | 32.92268 | 3.85 | 10.48155 | No | 32.92268 | 3.85 | 10.48155 |
| 38524 | GLOBAL | Cartesian | 32.92268 | 3.85 | 10.2965 | No | 32.92268 | 3.85 | 10.2965 |
| 38525 | GLOBAL | Cartesian | 32.92268 | 3.85 | 10.11144 | No | 32.92268 | 3.85 | 10.11144 |
| 38526 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.92638 | No | 32.92268 | 3.85 | 9.92638 |
| 38527 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.74133 | No | 32.92268 | 3.85 | 9.74133 |
| 38528 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.55627 | No | 32.92268 | 3.85 | 9.55627 |
| 38529 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.37122 | No | 32.92268 | 3.85 | 9.37122 |
| 38530 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.18616 | No | 32.92268 | 3.85 | 9.18616 |
| 38531 | GLOBAL | Cartesian | 32.92268 | 3.85 | 9.00111 | No | 32.92268 | 3.85 | 9.00111 |
| 38532 | GLOBAL | Cartesian | 32.92268 | 3.85 | 8.82279 | No | 32.92268 | 3.85 | 8.82279 |
| 38533 | GLOBAL | Cartesian | 32.92268 | 3.85 | 8.64447 | No | 32.92268 | 3.85 | 8.64447 |
| 38534 | GLOBAL | Cartesian | 32.92268 | 3.85 | 8.46616 | No | 32.92268 | 3.85 | 8.46616 |
| 38535 | GLOBAL | Cartesian | 35.92268 | 3.55 | 11.02651 | No | 35.92268 | 3.55 | 11.02651 |
| 38536 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.92603 | No | 35.92268 | 3.55 | 10.92603 |
| 38537 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.82797 | No | 35.92268 | 3.55 | 10.82797 |
| 38538 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.73044 | No | 35.92268 | 3.55 | 10.73044 |
| 38539 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.53486 | No | 35.92268 | 3.55 | 10.53486 |
| 38540 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.33928 | No | 35.92268 | 3.55 | 10.33928 |
| 38541 | GLOBAL | Cartesian | 35.92268 | 3.55 | 10.1437 | No | 35.92268 | 3.55 | 10.1437 |
| 38542 | GLOBAL | Cartesian | 35.92268 | 3.55 | 9.94811 | No | 35.92268 | 3.55 | 9.94811 |
| 38543 | GLOBAL | Cartesian | 35.92268 | 3.55 | 9.75253 | No | 35.92268 | 3.55 | 9.75253 |
| 38544 | GLOBAL | Cartesian | 35.92268 | 3.55 | 9.55695 | No | 35.92268 | 3.55 | 9.55695 |
| 38545 | GLOBAL | Cartesian | 35.92268 | 3.55 | 9.36136 | No | 35.92268 | 3.55 | 9.36136 |
| 38546 | GLOBAL | Cartesian | 35.92268 | 3.55 | 9.16578 | No | 35.92268 | 3.55 | 9.16578 |
| 38547 | GLOBAL | Cartesian | 35.92268 | 3.55 | 8.9702 | No | 35.92268 | 3.55 | 8.9702 |
| 38548 | GLOBAL | Cartesian | 35.92268 | 3.55 | 8.79254 | No | 35.92268 | 3.55 | 8.79254 |
| 38549 | GLOBAL | Cartesian | 35.92268 | 3.55 | 8.61489 | No | 35.92268 | 3.55 | 8.61489 |
| 38550 | GLOBAL | Cartesian | 35.92268 | 3.55 | 8.43723 | No | 35.92268 | 3.55 | 8.43723 |
| 38551 | GLOBAL | Cartesian | 35.92268 | 3.75 | 11.02651 | No | 35.92268 | 3.75 | 11.02651 |
| 38552 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.92603 | No | 35.92268 | 3.75 | 10.92603 |
| 38553 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.82797 | No | 35.92268 | 3.75 | 10.82797 |
| 38554 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.73044 | No | 35.92268 | 3.75 | 10.73044 |
| 38555 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.53486 | No | 35.92268 | 3.75 | 10.53486 |
| 38556 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.33928 | No | 35.92268 | 3.75 | 10.33928 |
| 38557 | GLOBAL | Cartesian | 35.92268 | 3.75 | 10.1437 | No | 35.92268 | 3.75 | 10.1437 |
| 38558 | GLOBAL | Cartesian | 35.92268 | 3.75 | 9.94811 | No | 35.92268 | 3.75 | 9.94811 |
| 38559 | GLOBAL | Cartesian | 35.92268 | 3.75 | 9.75253 | No | 35.92268 | 3.75 | 9.75253 |
| 38560 | GLOBAL | Cartesian | 35.92268 | 3.75 | 9.55695 | No | 35.92268 | 3.75 | 9.55695 |
| 38561 | GLOBAL | Cartesian | 35.92268 | 3.75 | 9.36136 | No | 35.92268 | 3.75 | 9.36136 |
| 38562 | GLOBAL | Cartesian | 35.92268 | 3.75 | 9.16578 | No | 35.92268 | 3.75 | 9.16578 |
| 38563 | GLOBAL | Cartesian | 35.92268 | 3.75 | 8.9702 | No | 35.92268 | 3.75 | 8.9702 |
| 38564 | GLOBAL | Cartesian | 35.92268 | 3.75 | 8.79254 | No | 35.92268 | 3.75 | 8.79254 |
| 38565 | GLOBAL | Cartesian | 35.92268 | 3.75 | 8.61489 | No | 35.92268 | 3.75 | 8.61489 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38566 | GLOBAL | Cartesian | 35.92268 | 3.75 | 8.43723 | No | 35.92268 | 3.75 | 8.43723 |
| 38567 | GLOBAL | Cartesian | 35.92268 | 3.45 | 11.02651 | No | 35.92268 | 3.45 | 11.02651 |
| 38568 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.92603 | No | 35.92268 | 3.45 | 10.92603 |
| 38569 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.82797 | No | 35.92268 | 3.45 | 10.82797 |
| 38570 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.73044 | No | 35.92268 | 3.45 | 10.73044 |
| 38571 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.53486 | No | 35.92268 | 3.45 | 10.53486 |
| 38572 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.33928 | No | 35.92268 | 3.45 | 10.33928 |
| 38573 | GLOBAL | Cartesian | 35.92268 | 3.45 | 10.1437 | No | 35.92268 | 3.45 | 10.1437 |
| 38574 | GLOBAL | Cartesian | 35.92268 | 3.45 | 9.94811 | No | 35.92268 | 3.45 | 9.94811 |
| 38575 | GLOBAL | Cartesian | 35.92268 | 3.45 | 9.75253 | No | 35.92268 | 3.45 | 9.75253 |
| 38576 | GLOBAL | Cartesian | 35.92268 | 3.45 | 9.55695 | No | 35.92268 | 3.45 | 9.55695 |
| 38577 | GLOBAL | Cartesian | 35.92268 | 3.45 | 9.36136 | No | 35.92268 | 3.45 | 9.36136 |
| 38578 | GLOBAL | Cartesian | 35.92268 | 3.45 | 9.16578 | No | 35.92268 | 3.45 | 9.16578 |
| 38579 | GLOBAL | Cartesian | 35.92268 | 3.45 | 8.9702 | No | 35.92268 | 3.45 | 8.9702 |
| 38580 | GLOBAL | Cartesian | 35.92268 | 3.45 | 8.79254 | No | 35.92268 | 3.45 | 8.79254 |
| 38581 | GLOBAL | Cartesian | 35.92268 | 3.45 | 8.61489 | No | 35.92268 | 3.45 | 8.61489 |
| 38582 | GLOBAL | Cartesian | 35.92268 | 3.45 | 8.43723 | No | 35.92268 | 3.45 | 8.43723 |
| 38583 | GLOBAL | Cartesian | 35.92268 | 3.85 | 11.02651 | No | 35.92268 | 3.85 | 11.02651 |
| 38584 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.92603 | No | 35.92268 | 3.85 | 10.92603 |
| 38585 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.82797 | No | 35.92268 | 3.85 | 10.82797 |
| 38586 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.73044 | No | 35.92268 | 3.85 | 10.73044 |
| 38587 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.53486 | No | 35.92268 | 3.85 | 10.53486 |
| 38588 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.33928 | No | 35.92268 | 3.85 | 10.33928 |
| 38589 | GLOBAL | Cartesian | 35.92268 | 3.85 | 10.1437 | No | 35.92268 | 3.85 | 10.1437 |
| 38590 | GLOBAL | Cartesian | 35.92268 | 3.85 | 9.94811 | No | 35.92268 | 3.85 | 9.94811 |
| 38591 | GLOBAL | Cartesian | 35.92268 | 3.85 | 9.75253 | No | 35.92268 | 3.85 | 9.75253 |
| 38592 | GLOBAL | Cartesian | 35.92268 | 3.85 | 9.55695 | No | 35.92268 | 3.85 | 9.55695 |
| 38593 | GLOBAL | Cartesian | 35.92268 | 3.85 | 9.36136 | No | 35.92268 | 3.85 | 9.36136 |
| 38594 | GLOBAL | Cartesian | 35.92268 | 3.85 | 9.16578 | No | 35.92268 | 3.85 | 9.16578 |
| 38595 | GLOBAL | Cartesian | 35.92268 | 3.85 | 8.9702 | No | 35.92268 | 3.85 | 8.9702 |
| 38596 | GLOBAL | Cartesian | 35.92268 | 3.85 | 8.79254 | No | 35.92268 | 3.85 | 8.79254 |
| 38597 | GLOBAL | Cartesian | 35.92268 | 3.85 | 8.61489 | No | 35.92268 | 3.85 | 8.61489 |
| 38598 | GLOBAL | Cartesian | 35.92268 | 3.85 | 8.43723 | No | 35.92268 | 3.85 | 8.43723 |
| 38599 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.73077 | No | 38.92268 | 3.55 | 10.73077 |
| 38600 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.63028 | No | 38.92268 | 3.55 | 10.63028 |
| 38601 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.56674 | No | 38.92268 | 3.55 | 10.56674 |
| 38602 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.50319 | No | 38.92268 | 3.55 | 10.50319 |
| 38603 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.43964 | No | 38.92268 | 3.55 | 10.43964 |
| 38604 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.24901 | No | 38.92268 | 3.55 | 10.24901 |
| 38605 | GLOBAL | Cartesian | 38.92268 | 3.55 | 10.05837 | No | 38.92268 | 3.55 | 10.05837 |
| 38606 | GLOBAL | Cartesian | 38.92268 | 3.55 | 9.86773 | No | 38.92268 | 3.55 | 9.86773 |
| 38607 | GLOBAL | Cartesian | 38.92268 | 3.55 | 9.6771 | No | 38.92268 | 3.55 | 9.6771 |
| 38608 | GLOBAL | Cartesian | 38.92268 | 3.55 | 9.48646 | No | 38.92268 | 3.55 | 9.48646 |
| 38609 | GLOBAL | Cartesian | 38.92268 | 3.55 | 9.29583 | No | 38.92268 | 3.55 | 9.29583 |
| 38610 | GLOBAL | Cartesian | 38.92268 | 3.55 | 9.10519 | No | 38.92268 | 3.55 | 9.10519 |
| 38611 | GLOBAL | Cartesian | 38.92268 | 3.55 | 8.91455 | No | 38.92268 | 3.55 | 8.91455 |
| 38612 | GLOBAL | Cartesian | 38.92268 | 3.55 | 8.73689 | No | 38.92268 | 3.55 | 8.73689 |
| 38613 | GLOBAL | Cartesian | 38.92268 | 3.55 | 8.55922 | No | 38.92268 | 3.55 | 8.55922 |
| 38614 | GLOBAL | Cartesian | 38.92268 | 3.55 | 8.38156 | No | 38.92268 | 3.55 | 8.38156 |
| 38615 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.73077 | No | 38.92268 | 3.75 | 10.73077 |
| 38616 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.63028 | No | 38.92268 | 3.75 | 10.63028 |
| 38617 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.56674 | No | 38.92268 | 3.75 | 10.56674 |
| 38618 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.50319 | No | 38.92268 | 3.75 | 10.50319 |
| 38619 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.43964 | No | 38.92268 | 3.75 | 10.43964 |
| 38620 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.24901 | No | 38.92268 | 3.75 | 10.24901 |
| 38621 | GLOBAL | Cartesian | 38.92268 | 3.75 | 10.05837 | No | 38.92268 | 3.75 | 10.05837 |
| 38622 | GLOBAL | Cartesian | 38.92268 | 3.75 | 9.86773 | No | 38.92268 | 3.75 | 9.86773 |
| 38623 | GLOBAL | Cartesian | 38.92268 | 3.75 | 9.6771 | No | 38.92268 | 3.75 | 9.6771 |
| 38624 | GLOBAL | Cartesian | 38.92268 | 3.75 | 9.48646 | No | 38.92268 | 3.75 | 9.48646 |
| 38625 | GLOBAL | Cartesian | 38.92268 | 3.75 | 9.29583 | No | 38.92268 | 3.75 | 9.29583 |
| 38626 | GLOBAL | Cartesian | 38.92268 | 3.75 | 9.10519 | No | 38.92268 | 3.75 | 9.10519 |
| 38627 | GLOBAL | Cartesian | 38.92268 | 3.75 | 8.91455 | No | 38.92268 | 3.75 | 8.91455 |
| 38628 | GLOBAL | Cartesian | 38.92268 | 3.75 | 8.73689 | No | 38.92268 | 3.75 | 8.73689 |
| 38629 | GLOBAL | Cartesian | 38.92268 | 3.75 | 8.55922 | No | 38.92268 | 3.75 | 8.55922 |
| 38630 | GLOBAL | Cartesian | 38.92268 | 3.75 | 8.38156 | No | 38.92268 | 3.75 | 8.38156 |
| 38631 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.73077 | No | 38.92268 | 3.45 | 10.73077 |
| 38632 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.63028 | No | 38.92268 | 3.45 | 10.63028 |
| 38633 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.56674 | No | 38.92268 | 3.45 | 10.56674 |
| 38634 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.50319 | No | 38.92268 | 3.45 | 10.50319 |
| 38635 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.43964 | No | 38.92268 | 3.45 | 10.43964 |
| 38636 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.24901 | No | 38.92268 | 3.45 | 10.24901 |
| 38637 | GLOBAL | Cartesian | 38.92268 | 3.45 | 10.05837 | No | 38.92268 | 3.45 | 10.05837 |
| 38638 | GLOBAL | Cartesian | 38.92268 | 3.45 | 9.86773 | No | 38.92268 | 3.45 | 9.86773 |
| 38639 | GLOBAL | Cartesian | 38.92268 | 3.45 | 9.6771 | No | 38.92268 | 3.45 | 9.6771 |
| 38640 | GLOBAL | Cartesian | 38.92268 | 3.45 | 9.48646 | No | 38.92268 | 3.45 | 9.48646 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38641 | GLOBAL | Cartesian | 38.92268 | 3.45 | 9.29583 | No | 38.92268 | 3.45 | 9.29583 |
| 38642 | GLOBAL | Cartesian | 38.92268 | 3.45 | 9.10519 | No | 38.92268 | 3.45 | 9.10519 |
| 38643 | GLOBAL | Cartesian | 38.92268 | 3.45 | 8.91455 | No | 38.92268 | 3.45 | 8.91455 |
| 38644 | GLOBAL | Cartesian | 38.92268 | 3.45 | 8.73689 | No | 38.92268 | 3.45 | 8.73689 |
| 38645 | GLOBAL | Cartesian | 38.92268 | 3.45 | 8.55922 | No | 38.92268 | 3.45 | 8.55922 |
| 38646 | GLOBAL | Cartesian | 38.92268 | 3.45 | 8.38156 | No | 38.92268 | 3.45 | 8.38156 |
| 38647 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.73077 | No | 38.92268 | 3.85 | 10.73077 |
| 38648 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.63028 | No | 38.92268 | 3.85 | 10.63028 |
| 38649 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.56674 | No | 38.92268 | 3.85 | 10.56674 |
| 38650 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.50319 | No | 38.92268 | 3.85 | 10.50319 |
| 38651 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.43964 | No | 38.92268 | 3.85 | 10.43964 |
| 38652 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.24901 | No | 38.92268 | 3.85 | 10.24901 |
| 38653 | GLOBAL | Cartesian | 38.92268 | 3.85 | 10.05837 | No | 38.92268 | 3.85 | 10.05837 |
| 38654 | GLOBAL | Cartesian | 38.92268 | 3.85 | 9.86773 | No | 38.92268 | 3.85 | 9.86773 |
| 38655 | GLOBAL | Cartesian | 38.92268 | 3.85 | 9.6771 | No | 38.92268 | 3.85 | 9.6771 |
| 38656 | GLOBAL | Cartesian | 38.92268 | 3.85 | 9.48646 | No | 38.92268 | 3.85 | 9.48646 |
| 38657 | GLOBAL | Cartesian | 38.92268 | 3.85 | 9.29583 | No | 38.92268 | 3.85 | 9.29583 |
| 38658 | GLOBAL | Cartesian | 38.92268 | 3.85 | 9.10519 | No | 38.92268 | 3.85 | 9.10519 |
| 38659 | GLOBAL | Cartesian | 38.92268 | 3.85 | 8.91455 | No | 38.92268 | 3.85 | 8.91455 |
| 38660 | GLOBAL | Cartesian | 38.92268 | 3.85 | 8.73689 | No | 38.92268 | 3.85 | 8.73689 |
| 38661 | GLOBAL | Cartesian | 38.92268 | 3.85 | 8.55922 | No | 38.92268 | 3.85 | 8.55922 |
| 38662 | GLOBAL | Cartesian | 38.92268 | 3.85 | 8.38156 | No | 38.92268 | 3.85 | 8.38156 |
| 38663 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.43502 | No | 41.92268 | 3.55 | 10.43502 |
| 38664 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.33453 | No | 41.92268 | 3.55 | 10.33453 |
| 38665 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.27191 | No | 41.92268 | 3.55 | 10.27191 |
| 38666 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.20928 | No | 41.92268 | 3.55 | 10.20928 |
| 38667 | GLOBAL | Cartesian | 41.92268 | 3.55 | 10.14666 | No | 41.92268 | 3.55 | 10.14666 |
| 38668 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.95879 | No | 41.92268 | 3.55 | 9.95879 |
| 38669 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.77091 | No | 41.92268 | 3.55 | 9.77091 |
| 38670 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.58304 | No | 41.92268 | 3.55 | 9.58304 |
| 38671 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.39516 | No | 41.92268 | 3.55 | 9.39516 |
| 38672 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.20729 | No | 41.92268 | 3.55 | 9.20729 |
| 38673 | GLOBAL | Cartesian | 41.92268 | 3.55 | 9.01941 | No | 41.92268 | 3.55 | 9.01941 |
| 38674 | GLOBAL | Cartesian | 41.92268 | 3.55 | 8.83154 | No | 41.92268 | 3.55 | 8.83154 |
| 38675 | GLOBAL | Cartesian | 41.92268 | 3.55 | 8.65385 | No | 41.92268 | 3.55 | 8.65385 |
| 38676 | GLOBAL | Cartesian | 41.92268 | 3.55 | 8.47616 | No | 41.92268 | 3.55 | 8.47616 |
| 38677 | GLOBAL | Cartesian | 41.92268 | 3.55 | 8.29847 | No | 41.92268 | 3.55 | 8.29847 |
| 38678 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.43502 | No | 41.92268 | 3.75 | 10.43502 |
| 38679 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.33453 | No | 41.92268 | 3.75 | 10.33453 |
| 38680 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.27191 | No | 41.92268 | 3.75 | 10.27191 |
| 38681 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.20928 | No | 41.92268 | 3.75 | 10.20928 |
| 38682 | GLOBAL | Cartesian | 41.92268 | 3.75 | 10.14666 | No | 41.92268 | 3.75 | 10.14666 |
| 38683 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.95879 | No | 41.92268 | 3.75 | 9.95879 |
| 38684 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.77091 | No | 41.92268 | 3.75 | 9.77091 |
| 38685 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.58304 | No | 41.92268 | 3.75 | 9.58304 |
| 38686 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.39516 | No | 41.92268 | 3.75 | 9.39516 |
| 38687 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.20729 | No | 41.92268 | 3.75 | 9.20729 |
| 38688 | GLOBAL | Cartesian | 41.92268 | 3.75 | 9.01941 | No | 41.92268 | 3.75 | 9.01941 |
| 38689 | GLOBAL | Cartesian | 41.92268 | 3.75 | 8.83154 | No | 41.92268 | 3.75 | 8.83154 |
| 38690 | GLOBAL | Cartesian | 41.92268 | 3.75 | 8.65385 | No | 41.92268 | 3.75 | 8.65385 |
| 38691 | GLOBAL | Cartesian | 41.92268 | 3.75 | 8.47616 | No | 41.92268 | 3.75 | 8.47616 |
| 38692 | GLOBAL | Cartesian | 41.92268 | 3.75 | 8.29847 | No | 41.92268 | 3.75 | 8.29847 |
| 38693 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.43502 | No | 41.92268 | 3.45 | 10.43502 |
| 38694 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.33453 | No | 41.92268 | 3.45 | 10.33453 |
| 38695 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.27191 | No | 41.92268 | 3.45 | 10.27191 |
| 38696 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.20928 | No | 41.92268 | 3.45 | 10.20928 |
| 38697 | GLOBAL | Cartesian | 41.92268 | 3.45 | 10.14666 | No | 41.92268 | 3.45 | 10.14666 |
| 38698 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.95879 | No | 41.92268 | 3.45 | 9.95879 |
| 38699 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.77091 | No | 41.92268 | 3.45 | 9.77091 |
| 38700 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.58304 | No | 41.92268 | 3.45 | 9.58304 |
| 38701 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.39516 | No | 41.92268 | 3.45 | 9.39516 |
| 38702 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.20729 | No | 41.92268 | 3.45 | 9.20729 |
| 38703 | GLOBAL | Cartesian | 41.92268 | 3.45 | 9.01941 | No | 41.92268 | 3.45 | 9.01941 |
| 38704 | GLOBAL | Cartesian | 41.92268 | 3.45 | 8.83154 | No | 41.92268 | 3.45 | 8.83154 |
| 38705 | GLOBAL | Cartesian | 41.92268 | 3.45 | 8.65385 | No | 41.92268 | 3.45 | 8.65385 |
| 38706 | GLOBAL | Cartesian | 41.92268 | 3.45 | 8.47616 | No | 41.92268 | 3.45 | 8.47616 |
| 38707 | GLOBAL | Cartesian | 41.92268 | 3.45 | 8.29847 | No | 41.92268 | 3.45 | 8.29847 |
| 38708 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.43502 | No | 41.92268 | 3.85 | 10.43502 |
| 38709 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.33453 | No | 41.92268 | 3.85 | 10.33453 |
| 38710 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.27191 | No | 41.92268 | 3.85 | 10.27191 |
| 38711 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.20928 | No | 41.92268 | 3.85 | 10.20928 |
| 38712 | GLOBAL | Cartesian | 41.92268 | 3.85 | 10.14666 | No | 41.92268 | 3.85 | 10.14666 |
| 38713 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.95879 | No | 41.92268 | 3.85 | 9.95879 |
| 38714 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.77091 | No | 41.92268 | 3.85 | 9.77091 |
| 38715 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.58304 | No | 41.92268 | 3.85 | 9.58304 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|----------|----------|----------|---------|----------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38716 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.39516 | No | 41.92268 | 3.85 | 9.39516 |
| 38717 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.20729 | No | 41.92268 | 3.85 | 9.20729 |
| 38718 | GLOBAL | Cartesian | 41.92268 | 3.85 | 9.01941 | No | 41.92268 | 3.85 | 9.01941 |
| 38719 | GLOBAL | Cartesian | 41.92268 | 3.85 | 8.83154 | No | 41.92268 | 3.85 | 8.83154 |
| 38720 | GLOBAL | Cartesian | 41.92268 | 3.85 | 8.65385 | No | 41.92268 | 3.85 | 8.65385 |
| 38721 | GLOBAL | Cartesian | 41.92268 | 3.85 | 8.47616 | No | 41.92268 | 3.85 | 8.47616 |
| 38722 | GLOBAL | Cartesian | 41.92268 | 3.85 | 8.29847 | No | 41.92268 | 3.85 | 8.29847 |
| 38723 | GLOBAL | Cartesian | 44.92268 | 3.55 | 10.13927 | No | 44.92268 | 3.55 | 10.13927 |
| 38724 | GLOBAL | Cartesian | 44.92268 | 3.55 | 10.03879 | No | 44.92268 | 3.55 | 10.03879 |
| 38725 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.97604 | No | 44.92268 | 3.55 | 9.97604 |
| 38726 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.9133 | No | 44.92268 | 3.55 | 9.9133 |
| 38727 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.85055 | No | 44.92268 | 3.55 | 9.85055 |
| 38728 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.66231 | No | 44.92268 | 3.55 | 9.66231 |
| 38729 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.47408 | No | 44.92268 | 3.55 | 9.47408 |
| 38730 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.28584 | No | 44.92268 | 3.55 | 9.28584 |
| 38731 | GLOBAL | Cartesian | 44.92268 | 3.55 | 9.0976 | No | 44.92268 | 3.55 | 9.0976 |
| 38732 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.90937 | No | 44.92268 | 3.55 | 8.90937 |
| 38733 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.72113 | No | 44.92268 | 3.55 | 8.72113 |
| 38734 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.5434 | No | 44.92268 | 3.55 | 8.5434 |
| 38735 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.36567 | No | 44.92268 | 3.55 | 8.36567 |
| 38736 | GLOBAL | Cartesian | 44.92268 | 3.55 | 8.18795 | No | 44.92268 | 3.55 | 8.18795 |
| 38737 | GLOBAL | Cartesian | 44.92268 | 3.75 | 10.13927 | No | 44.92268 | 3.75 | 10.13927 |
| 38738 | GLOBAL | Cartesian | 44.92268 | 3.75 | 10.03879 | No | 44.92268 | 3.75 | 10.03879 |
| 38739 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.97604 | No | 44.92268 | 3.75 | 9.97604 |
| 38740 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.9133 | No | 44.92268 | 3.75 | 9.9133 |
| 38741 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.85055 | No | 44.92268 | 3.75 | 9.85055 |
| 38742 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.66231 | No | 44.92268 | 3.75 | 9.66231 |
| 38743 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.47408 | No | 44.92268 | 3.75 | 9.47408 |
| 38744 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.28584 | No | 44.92268 | 3.75 | 9.28584 |
| 38745 | GLOBAL | Cartesian | 44.92268 | 3.75 | 9.0976 | No | 44.92268 | 3.75 | 9.0976 |
| 38746 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.90937 | No | 44.92268 | 3.75 | 8.90937 |
| 38747 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.72113 | No | 44.92268 | 3.75 | 8.72113 |
| 38748 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.5434 | No | 44.92268 | 3.75 | 8.5434 |
| 38749 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.36567 | No | 44.92268 | 3.75 | 8.36567 |
| 38750 | GLOBAL | Cartesian | 44.92268 | 3.75 | 8.18795 | No | 44.92268 | 3.75 | 8.18795 |
| 38751 | GLOBAL | Cartesian | 44.92268 | 3.45 | 10.13927 | No | 44.92268 | 3.45 | 10.13927 |
| 38752 | GLOBAL | Cartesian | 44.92268 | 3.45 | 10.03879 | No | 44.92268 | 3.45 | 10.03879 |
| 38753 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.97604 | No | 44.92268 | 3.45 | 9.97604 |
| 38754 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.9133 | No | 44.92268 | 3.45 | 9.9133 |
| 38755 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.85055 | No | 44.92268 | 3.45 | 9.85055 |
| 38756 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.66231 | No | 44.92268 | 3.45 | 9.66231 |
| 38757 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.47408 | No | 44.92268 | 3.45 | 9.47408 |
| 38758 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.28584 | No | 44.92268 | 3.45 | 9.28584 |
| 38759 | GLOBAL | Cartesian | 44.92268 | 3.45 | 9.0976 | No | 44.92268 | 3.45 | 9.0976 |
| 38760 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.90937 | No | 44.92268 | 3.45 | 8.90937 |
| 38761 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.72113 | No | 44.92268 | 3.45 | 8.72113 |
| 38762 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.5434 | No | 44.92268 | 3.45 | 8.5434 |
| 38763 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.36567 | No | 44.92268 | 3.45 | 8.36567 |
| 38764 | GLOBAL | Cartesian | 44.92268 | 3.45 | 8.18795 | No | 44.92268 | 3.45 | 8.18795 |
| 38765 | GLOBAL | Cartesian | 44.92268 | 3.85 | 10.13927 | No | 44.92268 | 3.85 | 10.13927 |
| 38766 | GLOBAL | Cartesian | 44.92268 | 3.85 | 10.03879 | No | 44.92268 | 3.85 | 10.03879 |
| 38767 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.97604 | No | 44.92268 | 3.85 | 9.97604 |
| 38768 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.9133 | No | 44.92268 | 3.85 | 9.9133 |
| 38769 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.85055 | No | 44.92268 | 3.85 | 9.85055 |
| 38770 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.66231 | No | 44.92268 | 3.85 | 9.66231 |
| 38771 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.47408 | No | 44.92268 | 3.85 | 9.47408 |
| 38772 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.28584 | No | 44.92268 | 3.85 | 9.28584 |
| 38773 | GLOBAL | Cartesian | 44.92268 | 3.85 | 9.0976 | No | 44.92268 | 3.85 | 9.0976 |
| 38774 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.90937 | No | 44.92268 | 3.85 | 8.90937 |
| 38775 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.72113 | No | 44.92268 | 3.85 | 8.72113 |
| 38776 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.5434 | No | 44.92268 | 3.85 | 8.5434 |
| 38777 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.36567 | No | 44.92268 | 3.85 | 8.36567 |
| 38778 | GLOBAL | Cartesian | 44.92268 | 3.85 | 8.18795 | No | 44.92268 | 3.85 | 8.18795 |
| 38779 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.84353 | No | 47.92268 | 3.55 | 9.84353 |
| 38780 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.74304 | No | 47.92268 | 3.55 | 9.74304 |
| 38781 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.67876 | No | 47.92268 | 3.55 | 9.67876 |
| 38782 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.61448 | No | 47.92268 | 3.55 | 9.61448 |
| 38783 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.5502 | No | 47.92268 | 3.55 | 9.5502 |
| 38784 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.35736 | No | 47.92268 | 3.55 | 9.35736 |
| 38785 | GLOBAL | Cartesian | 47.92268 | 3.55 | 9.16451 | No | 47.92268 | 3.55 | 9.16451 |
| 38786 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.97167 | No | 47.92268 | 3.55 | 8.97167 |
| 38787 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.77883 | No | 47.92268 | 3.55 | 8.77883 |
| 38788 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.58598 | No | 47.92268 | 3.55 | 8.58598 |
| 38789 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.40753 | No | 47.92268 | 3.55 | 8.40753 |
| 38790 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.22908 | No | 47.92268 | 3.55 | 8.22908 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38791 | GLOBAL | Cartesian | 47.92268 | 3.55 | 8.05063 | No | 47.92268 | 3.55 | 8.05063 |
| 38792 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.84353 | No | 47.92268 | 3.75 | 9.84353 |
| 38793 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.74304 | No | 47.92268 | 3.75 | 9.74304 |
| 38794 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.67876 | No | 47.92268 | 3.75 | 9.67876 |
| 38795 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.61448 | No | 47.92268 | 3.75 | 9.61448 |
| 38796 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.5502 | No | 47.92268 | 3.75 | 9.5502 |
| 38797 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.35736 | No | 47.92268 | 3.75 | 9.35736 |
| 38798 | GLOBAL | Cartesian | 47.92268 | 3.75 | 9.16451 | No | 47.92268 | 3.75 | 9.16451 |
| 38799 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.97167 | No | 47.92268 | 3.75 | 8.97167 |
| 38800 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.77883 | No | 47.92268 | 3.75 | 8.77883 |
| 38801 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.58598 | No | 47.92268 | 3.75 | 8.58598 |
| 38802 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.40753 | No | 47.92268 | 3.75 | 8.40753 |
| 38803 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.22908 | No | 47.92268 | 3.75 | 8.22908 |
| 38804 | GLOBAL | Cartesian | 47.92268 | 3.75 | 8.05063 | No | 47.92268 | 3.75 | 8.05063 |
| 38807 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.84353 | No | 47.92268 | 3.45 | 9.84353 |
| 38808 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.74304 | No | 47.92268 | 3.45 | 9.74304 |
| 38809 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.67876 | No | 47.92268 | 3.45 | 9.67876 |
| 38810 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.61448 | No | 47.92268 | 3.45 | 9.61448 |
| 38811 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.5502 | No | 47.92268 | 3.45 | 9.5502 |
| 38812 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.35736 | No | 47.92268 | 3.45 | 9.35736 |
| 38813 | GLOBAL | Cartesian | 47.92268 | 3.45 | 9.16451 | No | 47.92268 | 3.45 | 9.16451 |
| 38814 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.97167 | No | 47.92268 | 3.45 | 8.97167 |
| 38815 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.77883 | No | 47.92268 | 3.45 | 8.77883 |
| 38816 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.58598 | No | 47.92268 | 3.45 | 8.58598 |
| 38817 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.40753 | No | 47.92268 | 3.45 | 8.40753 |
| 38818 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.22908 | No | 47.92268 | 3.45 | 8.22908 |
| 38819 | GLOBAL | Cartesian | 47.92268 | 3.45 | 8.05063 | No | 47.92268 | 3.45 | 8.05063 |
| 38820 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.84353 | No | 47.92268 | 3.85 | 9.84353 |
| 38821 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.74304 | No | 47.92268 | 3.85 | 9.74304 |
| 38822 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.67876 | No | 47.92268 | 3.85 | 9.67876 |
| 38823 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.61448 | No | 47.92268 | 3.85 | 9.61448 |
| 38824 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.5502 | No | 47.92268 | 3.85 | 9.5502 |
| 38825 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.35736 | No | 47.92268 | 3.85 | 9.35736 |
| 38826 | GLOBAL | Cartesian | 47.92268 | 3.85 | 9.16451 | No | 47.92268 | 3.85 | 9.16451 |
| 38827 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.97167 | No | 47.92268 | 3.85 | 8.97167 |
| 38828 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.77883 | No | 47.92268 | 3.85 | 8.77883 |
| 38829 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.58598 | No | 47.92268 | 3.85 | 8.58598 |
| 38830 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.40753 | No | 47.92268 | 3.85 | 8.40753 |
| 38831 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.22908 | No | 47.92268 | 3.85 | 8.22908 |
| 38832 | GLOBAL | Cartesian | 47.92268 | 3.85 | 8.05063 | No | 47.92268 | 3.85 | 8.05063 |
| 38833 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.54778 | No | 50.92268 | 3.55 | 9.54778 |
| 38834 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.44729 | No | 50.92268 | 3.55 | 9.44729 |
| 38835 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.39177 | No | 50.92268 | 3.55 | 9.39177 |
| 38836 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.33625 | No | 50.92268 | 3.55 | 9.33625 |
| 38837 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.28073 | No | 50.92268 | 3.55 | 9.28073 |
| 38838 | GLOBAL | Cartesian | 50.92268 | 3.55 | 9.11416 | No | 50.92268 | 3.55 | 9.11416 |
| 38839 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.94759 | No | 50.92268 | 3.55 | 8.94759 |
| 38840 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.78102 | No | 50.92268 | 3.55 | 8.78102 |
| 38841 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.61446 | No | 50.92268 | 3.55 | 8.61446 |
| 38842 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.44789 | No | 50.92268 | 3.55 | 8.44789 |
| 38843 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.26259 | No | 50.92268 | 3.55 | 8.26259 |
| 38844 | GLOBAL | Cartesian | 50.92268 | 3.55 | 8.0773 | No | 50.92268 | 3.55 | 8.0773 |
| 38845 | GLOBAL | Cartesian | 50.92268 | 3.55 | 7.892 | No | 50.92268 | 3.55 | 7.892 |
| 38846 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.54778 | No | 50.92268 | 3.75 | 9.54778 |
| 38847 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.44729 | No | 50.92268 | 3.75 | 9.44729 |
| 38848 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.39177 | No | 50.92268 | 3.75 | 9.39177 |
| 38849 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.33625 | No | 50.92268 | 3.75 | 9.33625 |
| 38850 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.28073 | No | 50.92268 | 3.75 | 9.28073 |
| 38851 | GLOBAL | Cartesian | 50.92268 | 3.75 | 9.11416 | No | 50.92268 | 3.75 | 9.11416 |
| 38852 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.94759 | No | 50.92268 | 3.75 | 8.94759 |
| 38853 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.78102 | No | 50.92268 | 3.75 | 8.78102 |
| 38854 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.61446 | No | 50.92268 | 3.75 | 8.61446 |
| 38855 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.44789 | No | 50.92268 | 3.75 | 8.44789 |
| 38856 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.26259 | No | 50.92268 | 3.75 | 8.26259 |
| 38857 | GLOBAL | Cartesian | 50.92268 | 3.75 | 8.0773 | No | 50.92268 | 3.75 | 8.0773 |
| 38858 | GLOBAL | Cartesian | 50.92268 | 3.75 | 7.892 | No | 50.92268 | 3.75 | 7.892 |
| 38859 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.54778 | No | 50.92268 | 3.45 | 9.54778 |
| 38860 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.44729 | No | 50.92268 | 3.45 | 9.44729 |
| 38861 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.39177 | No | 50.92268 | 3.45 | 9.39177 |
| 38862 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.33625 | No | 50.92268 | 3.45 | 9.33625 |
| 38863 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.28073 | No | 50.92268 | 3.45 | 9.28073 |
| 38864 | GLOBAL | Cartesian | 50.92268 | 3.45 | 9.11416 | No | 50.92268 | 3.45 | 9.11416 |
| 38865 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.94759 | No | 50.92268 | 3.45 | 8.94759 |
| 38866 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.78102 | No | 50.92268 | 3.45 | 8.78102 |
| 38867 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.61446 | No | 50.92268 | 3.45 | 8.61446 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38868 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.44789 | No | 50.92268 | 3.45 | 8.44789 |
| 38869 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.26259 | No | 50.92268 | 3.45 | 8.26259 |
| 38870 | GLOBAL | Cartesian | 50.92268 | 3.45 | 8.0773 | No | 50.92268 | 3.45 | 8.0773 |
| 38871 | GLOBAL | Cartesian | 50.92268 | 3.45 | 7.892 | No | 50.92268 | 3.45 | 7.892 |
| 38872 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.54778 | No | 50.92268 | 3.85 | 9.54778 |
| 38873 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.44729 | No | 50.92268 | 3.85 | 9.44729 |
| 38874 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.39177 | No | 50.92268 | 3.85 | 9.39177 |
| 38875 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.33625 | No | 50.92268 | 3.85 | 9.33625 |
| 38876 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.28073 | No | 50.92268 | 3.85 | 9.28073 |
| 38877 | GLOBAL | Cartesian | 50.92268 | 3.85 | 9.11416 | No | 50.92268 | 3.85 | 9.11416 |
| 38878 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.94759 | No | 50.92268 | 3.85 | 8.94759 |
| 38879 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.78102 | No | 50.92268 | 3.85 | 8.78102 |
| 38880 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.61446 | No | 50.92268 | 3.85 | 8.61446 |
| 38881 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.44789 | No | 50.92268 | 3.85 | 8.44789 |
| 38882 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.26259 | No | 50.92268 | 3.85 | 8.26259 |
| 38883 | GLOBAL | Cartesian | 50.92268 | 3.85 | 8.0773 | No | 50.92268 | 3.85 | 8.0773 |
| 38884 | GLOBAL | Cartesian | 50.92268 | 3.85 | 7.892 | No | 50.92268 | 3.85 | 7.892 |
| 38885 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.25203 | No | 53.92268 | 3.55 | 9.25203 |
| 38886 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.15155 | No | 53.92268 | 3.55 | 9.15155 |
| 38887 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.10478 | No | 53.92268 | 3.55 | 9.10478 |
| 38888 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.05802 | No | 53.92268 | 3.55 | 9.05802 |
| 38889 | GLOBAL | Cartesian | 53.92268 | 3.55 | 9.01126 | No | 53.92268 | 3.55 | 9.01126 |
| 38890 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.87096 | No | 53.92268 | 3.55 | 8.87096 |
| 38891 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.73067 | No | 53.92268 | 3.55 | 8.73067 |
| 38892 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.59038 | No | 53.92268 | 3.55 | 8.59038 |
| 38893 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.45009 | No | 53.92268 | 3.55 | 8.45009 |
| 38894 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.30979 | No | 53.92268 | 3.55 | 8.30979 |
| 38895 | GLOBAL | Cartesian | 53.92268 | 3.55 | 8.11402 | No | 53.92268 | 3.55 | 8.11402 |
| 38896 | GLOBAL | Cartesian | 53.92268 | 3.55 | 7.91825 | No | 53.92268 | 3.55 | 7.91825 |
| 38897 | GLOBAL | Cartesian | 53.92268 | 3.55 | 7.72248 | No | 53.92268 | 3.55 | 7.72248 |
| 38898 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.25203 | No | 53.92268 | 3.75 | 9.25203 |
| 38899 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.15155 | No | 53.92268 | 3.75 | 9.15155 |
| 38900 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.10478 | No | 53.92268 | 3.75 | 9.10478 |
| 38901 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.05802 | No | 53.92268 | 3.75 | 9.05802 |
| 38902 | GLOBAL | Cartesian | 53.92268 | 3.75 | 9.01126 | No | 53.92268 | 3.75 | 9.01126 |
| 38903 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.87096 | No | 53.92268 | 3.75 | 8.87096 |
| 38904 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.73067 | No | 53.92268 | 3.75 | 8.73067 |
| 38905 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.59038 | No | 53.92268 | 3.75 | 8.59038 |
| 38906 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.45009 | No | 53.92268 | 3.75 | 8.45009 |
| 38907 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.30979 | No | 53.92268 | 3.75 | 8.30979 |
| 38908 | GLOBAL | Cartesian | 53.92268 | 3.75 | 8.11402 | No | 53.92268 | 3.75 | 8.11402 |
| 38909 | GLOBAL | Cartesian | 53.92268 | 3.75 | 7.91825 | No | 53.92268 | 3.75 | 7.91825 |
| 38910 | GLOBAL | Cartesian | 53.92268 | 3.75 | 7.72248 | No | 53.92268 | 3.75 | 7.72248 |
| 38911 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.25203 | No | 53.92268 | 3.45 | 9.25203 |
| 38912 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.15155 | No | 53.92268 | 3.45 | 9.15155 |
| 38913 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.10478 | No | 53.92268 | 3.45 | 9.10478 |
| 38914 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.05802 | No | 53.92268 | 3.45 | 9.05802 |
| 38915 | GLOBAL | Cartesian | 53.92268 | 3.45 | 9.01126 | No | 53.92268 | 3.45 | 9.01126 |
| 38916 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.87096 | No | 53.92268 | 3.45 | 8.87096 |
| 38917 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.73067 | No | 53.92268 | 3.45 | 8.73067 |
| 38918 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.59038 | No | 53.92268 | 3.45 | 8.59038 |
| 38919 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.45009 | No | 53.92268 | 3.45 | 8.45009 |
| 38920 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.30979 | No | 53.92268 | 3.45 | 8.30979 |
| 38921 | GLOBAL | Cartesian | 53.92268 | 3.45 | 8.11402 | No | 53.92268 | 3.45 | 8.11402 |
| 38922 | GLOBAL | Cartesian | 53.92268 | 3.45 | 7.91825 | No | 53.92268 | 3.45 | 7.91825 |
| 38923 | GLOBAL | Cartesian | 53.92268 | 3.45 | 7.72248 | No | 53.92268 | 3.45 | 7.72248 |
| 38924 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.25203 | No | 53.92268 | 3.85 | 9.25203 |
| 38925 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.15155 | No | 53.92268 | 3.85 | 9.15155 |
| 38926 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.10478 | No | 53.92268 | 3.85 | 9.10478 |
| 38927 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.05802 | No | 53.92268 | 3.85 | 9.05802 |
| 38928 | GLOBAL | Cartesian | 53.92268 | 3.85 | 9.01126 | No | 53.92268 | 3.85 | 9.01126 |
| 38929 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.87096 | No | 53.92268 | 3.85 | 8.87096 |
| 38930 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.73067 | No | 53.92268 | 3.85 | 8.73067 |
| 38931 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.59038 | No | 53.92268 | 3.85 | 8.59038 |
| 38932 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.45009 | No | 53.92268 | 3.85 | 8.45009 |
| 38933 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.30979 | No | 53.92268 | 3.85 | 8.30979 |
| 38934 | GLOBAL | Cartesian | 53.92268 | 3.85 | 8.11402 | No | 53.92268 | 3.85 | 8.11402 |
| 38935 | GLOBAL | Cartesian | 53.92268 | 3.85 | 7.91825 | No | 53.92268 | 3.85 | 7.91825 |
| 38936 | GLOBAL | Cartesian | 53.92268 | 3.85 | 7.72248 | No | 53.92268 | 3.85 | 7.72248 |
| 38937 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.54778 | No | 11.92272 | -0.1 | 9.54778 |
| 38938 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.44729 | No | 11.92272 | -0.1 | 9.44729 |
| 38939 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.39177 | No | 11.92272 | -0.1 | 9.39177 |
| 38940 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.33625 | No | 11.92272 | -0.1 | 9.33625 |
| 38941 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.28073 | No | 11.92272 | -0.1 | 9.28073 |
| 38942 | GLOBAL | Cartesian | 11.92272 | -0.1 | 9.11416 | No | 11.92272 | -0.1 | 9.11416 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | Specialt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 38943 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.94759 | No | 11.92272 | -0.1 | 8.94759 |
| 38944 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.78102 | No | 11.92272 | -0.1 | 8.78102 |
| 38945 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.61446 | No | 11.92272 | -0.1 | 8.61446 |
| 38946 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.44789 | No | 11.92272 | -0.1 | 8.44789 |
| 38947 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.26259 | No | 11.92272 | -0.1 | 8.26259 |
| 38948 | GLOBAL | Cartesian | 11.92272 | -0.1 | 8.0773 | No | 11.92272 | -0.1 | 8.0773 |
| 38949 | GLOBAL | Cartesian | 11.92272 | -0.1 | 7.892 | No | 11.92272 | -0.1 | 7.892 |
| 38950 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.54778 | No | 11.92272 | 0.1 | 9.54778 |
| 38951 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.44729 | No | 11.92272 | 0.1 | 9.44729 |
| 38952 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.39177 | No | 11.92272 | 0.1 | 9.39177 |
| 38953 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.33625 | No | 11.92272 | 0.1 | 9.33625 |
| 38954 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.28073 | No | 11.92272 | 0.1 | 9.28073 |
| 38955 | GLOBAL | Cartesian | 11.92272 | 0.1 | 9.11416 | No | 11.92272 | 0.1 | 9.11416 |
| 38956 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.94759 | No | 11.92272 | 0.1 | 8.94759 |
| 38957 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.78102 | No | 11.92272 | 0.1 | 8.78102 |
| 38958 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.61446 | No | 11.92272 | 0.1 | 8.61446 |
| 38959 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.44789 | No | 11.92272 | 0.1 | 8.44789 |
| 38960 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.26259 | No | 11.92272 | 0.1 | 8.26259 |
| 38961 | GLOBAL | Cartesian | 11.92272 | 0.1 | 8.0773 | No | 11.92272 | 0.1 | 8.0773 |
| 38962 | GLOBAL | Cartesian | 11.92272 | 0.1 | 7.892 | No | 11.92272 | 0.1 | 7.892 |
| 38963 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.54778 | No | 11.92272 | -0.2 | 9.54778 |
| 38964 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.44729 | No | 11.92272 | -0.2 | 9.44729 |
| 38965 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.39177 | No | 11.92272 | -0.2 | 9.39177 |
| 38966 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.33625 | No | 11.92272 | -0.2 | 9.33625 |
| 38967 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.28073 | No | 11.92272 | -0.2 | 9.28073 |
| 38968 | GLOBAL | Cartesian | 11.92272 | -0.2 | 9.11416 | No | 11.92272 | -0.2 | 9.11416 |
| 38969 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.94759 | No | 11.92272 | -0.2 | 8.94759 |
| 38970 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.78102 | No | 11.92272 | -0.2 | 8.78102 |
| 38971 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.61446 | No | 11.92272 | -0.2 | 8.61446 |
| 38972 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.44789 | No | 11.92272 | -0.2 | 8.44789 |
| 38973 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.26259 | No | 11.92272 | -0.2 | 8.26259 |
| 38974 | GLOBAL | Cartesian | 11.92272 | -0.2 | 8.0773 | No | 11.92272 | -0.2 | 8.0773 |
| 38975 | GLOBAL | Cartesian | 11.92272 | -0.2 | 7.892 | No | 11.92272 | -0.2 | 7.892 |
| 38976 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.54778 | No | 11.92272 | 0.2 | 9.54778 |
| 38977 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.44729 | No | 11.92272 | 0.2 | 9.44729 |
| 38978 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.39177 | No | 11.92272 | 0.2 | 9.39177 |
| 38979 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.33625 | No | 11.92272 | 0.2 | 9.33625 |
| 38980 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.28073 | No | 11.92272 | 0.2 | 9.28073 |
| 38981 | GLOBAL | Cartesian | 11.92272 | 0.2 | 9.11416 | No | 11.92272 | 0.2 | 9.11416 |
| 38982 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.94759 | No | 11.92272 | 0.2 | 8.94759 |
| 38983 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.78102 | No | 11.92272 | 0.2 | 8.78102 |
| 38984 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.61446 | No | 11.92272 | 0.2 | 8.61446 |
| 38985 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.44789 | No | 11.92272 | 0.2 | 8.44789 |
| 38986 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.26259 | No | 11.92272 | 0.2 | 8.26259 |
| 38987 | GLOBAL | Cartesian | 11.92272 | 0.2 | 8.0773 | No | 11.92272 | 0.2 | 8.0773 |
| 38988 | GLOBAL | Cartesian | 11.92272 | 0.2 | 7.892 | No | 11.92272 | 0.2 | 7.892 |
| 38989 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.54778 | No | 11.92272 | 3.55 | 9.54778 |
| 38990 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.44729 | No | 11.92272 | 3.55 | 9.44729 |
| 38991 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.39177 | No | 11.92272 | 3.55 | 9.39177 |
| 38992 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.33625 | No | 11.92272 | 3.55 | 9.33625 |
| 38993 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.28073 | No | 11.92272 | 3.55 | 9.28073 |
| 38994 | GLOBAL | Cartesian | 11.92272 | 3.55 | 9.11416 | No | 11.92272 | 3.55 | 9.11416 |
| 38995 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.94759 | No | 11.92272 | 3.55 | 8.94759 |
| 38996 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.78102 | No | 11.92272 | 3.55 | 8.78102 |
| 38997 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.61446 | No | 11.92272 | 3.55 | 8.61446 |
| 38998 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.44789 | No | 11.92272 | 3.55 | 8.44789 |
| 38999 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.26259 | No | 11.92272 | 3.55 | 8.26259 |
| 39000 | GLOBAL | Cartesian | 11.92272 | 3.55 | 8.0773 | No | 11.92272 | 3.55 | 8.0773 |
| 39001 | GLOBAL | Cartesian | 11.92272 | 3.55 | 7.892 | No | 11.92272 | 3.55 | 7.892 |
| 39002 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.54778 | No | 11.92272 | 3.75 | 9.54778 |
| 39003 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.44729 | No | 11.92272 | 3.75 | 9.44729 |
| 39004 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.39177 | No | 11.92272 | 3.75 | 9.39177 |
| 39005 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.33625 | No | 11.92272 | 3.75 | 9.33625 |
| 39006 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.28073 | No | 11.92272 | 3.75 | 9.28073 |
| 39007 | GLOBAL | Cartesian | 11.92272 | 3.75 | 9.11416 | No | 11.92272 | 3.75 | 9.11416 |
| 39008 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.94759 | No | 11.92272 | 3.75 | 8.94759 |
| 39009 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.78102 | No | 11.92272 | 3.75 | 8.78102 |
| 39010 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.61446 | No | 11.92272 | 3.75 | 8.61446 |
| 39011 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.44789 | No | 11.92272 | 3.75 | 8.44789 |
| 39012 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.26259 | No | 11.92272 | 3.75 | 8.26259 |
| 39013 | GLOBAL | Cartesian | 11.92272 | 3.75 | 8.0773 | No | 11.92272 | 3.75 | 8.0773 |
| 39014 | GLOBAL | Cartesian | 11.92272 | 3.75 | 7.892 | No | 11.92272 | 3.75 | 7.892 |
| 39015 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.54778 | No | 11.92272 | 3.45 | 9.54778 |
| 39016 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.44729 | No | 11.92272 | 3.45 | 9.44729 |
| 39017 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.39177 | No | 11.92272 | 3.45 | 9.39177 |

| TABLE: Joint Coordinates | | | | | | | | | |
|--------------------------|----------|-----------|----------|------|---------|-----------|----------|---------|---------|
| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX | GlobalY | GlobalZ |
| Text | Text | Text | m | m | m | Yes/No | m | m | m |
| 39018 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.33625 | No | 11.92272 | 3.45 | 9.33625 |
| 39019 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.28073 | No | 11.92272 | 3.45 | 9.28073 |
| 39020 | GLOBAL | Cartesian | 11.92272 | 3.45 | 9.11416 | No | 11.92272 | 3.45 | 9.11416 |
| 39021 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.94759 | No | 11.92272 | 3.45 | 8.94759 |
| 39022 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.78102 | No | 11.92272 | 3.45 | 8.78102 |
| 39023 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.61446 | No | 11.92272 | 3.45 | 8.61446 |
| 39024 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.44789 | No | 11.92272 | 3.45 | 8.44789 |
| 39025 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.26259 | No | 11.92272 | 3.45 | 8.26259 |
| 39026 | GLOBAL | Cartesian | 11.92272 | 3.45 | 8.0773 | No | 11.92272 | 3.45 | 8.0773 |
| 39027 | GLOBAL | Cartesian | 11.92272 | 3.45 | 7.892 | No | 11.92272 | 3.45 | 7.892 |
| 39028 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.54778 | No | 11.92272 | 3.85 | 9.54778 |
| 39029 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.44729 | No | 11.92272 | 3.85 | 9.44729 |
| 39030 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.39177 | No | 11.92272 | 3.85 | 9.39177 |
| 39031 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.33625 | No | 11.92272 | 3.85 | 9.33625 |
| 39032 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.28073 | No | 11.92272 | 3.85 | 9.28073 |
| 39033 | GLOBAL | Cartesian | 11.92272 | 3.85 | 9.11416 | No | 11.92272 | 3.85 | 9.11416 |
| 39034 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.94759 | No | 11.92272 | 3.85 | 8.94759 |
| 39035 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.78102 | No | 11.92272 | 3.85 | 8.78102 |
| 39036 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.61446 | No | 11.92272 | 3.85 | 8.61446 |
| 39037 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.44789 | No | 11.92272 | 3.85 | 8.44789 |
| 39038 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.26259 | No | 11.92272 | 3.85 | 8.26259 |
| 39039 | GLOBAL | Cartesian | 11.92272 | 3.85 | 8.0773 | No | 11.92272 | 3.85 | 8.0773 |
| 39040 | GLOBAL | Cartesian | 11.92272 | 3.85 | 7.892 | No | 11.92272 | 3.85 | 7.892 |

6.2 FLECHAS EN EL VANO

| TABLE: Joint Displacements | | | | | | | | |
|----------------------------|------------|-----------|----------|--------------|-----------|--------------|------------|-----------|
| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
| Text | Text | Text | m | m | m | Radians | Radians | Radians |
| 5355 | escalón 1 | LinStatic | 0.000493 | -0.000009456 | -0.004018 | 0.000003998 | -6.891E-10 | 1.927E-10 |
| 5355 | escalón 2 | LinStatic | 0.000986 | -0.000019 | -0.008036 | 0.000007997 | -1.378E-09 | 3.854E-10 |
| 32003 | escalón 1 | LinStatic | 0.000493 | -0.000017 | -0.004018 | -0.000006058 | 1.149E-09 | 8.849E-10 |
| 32003 | escalón 2 | LinStatic | 0.000986 | -0.000034 | -0.008036 | -0.000012 | 2.299E-09 | 1.77E-09 |