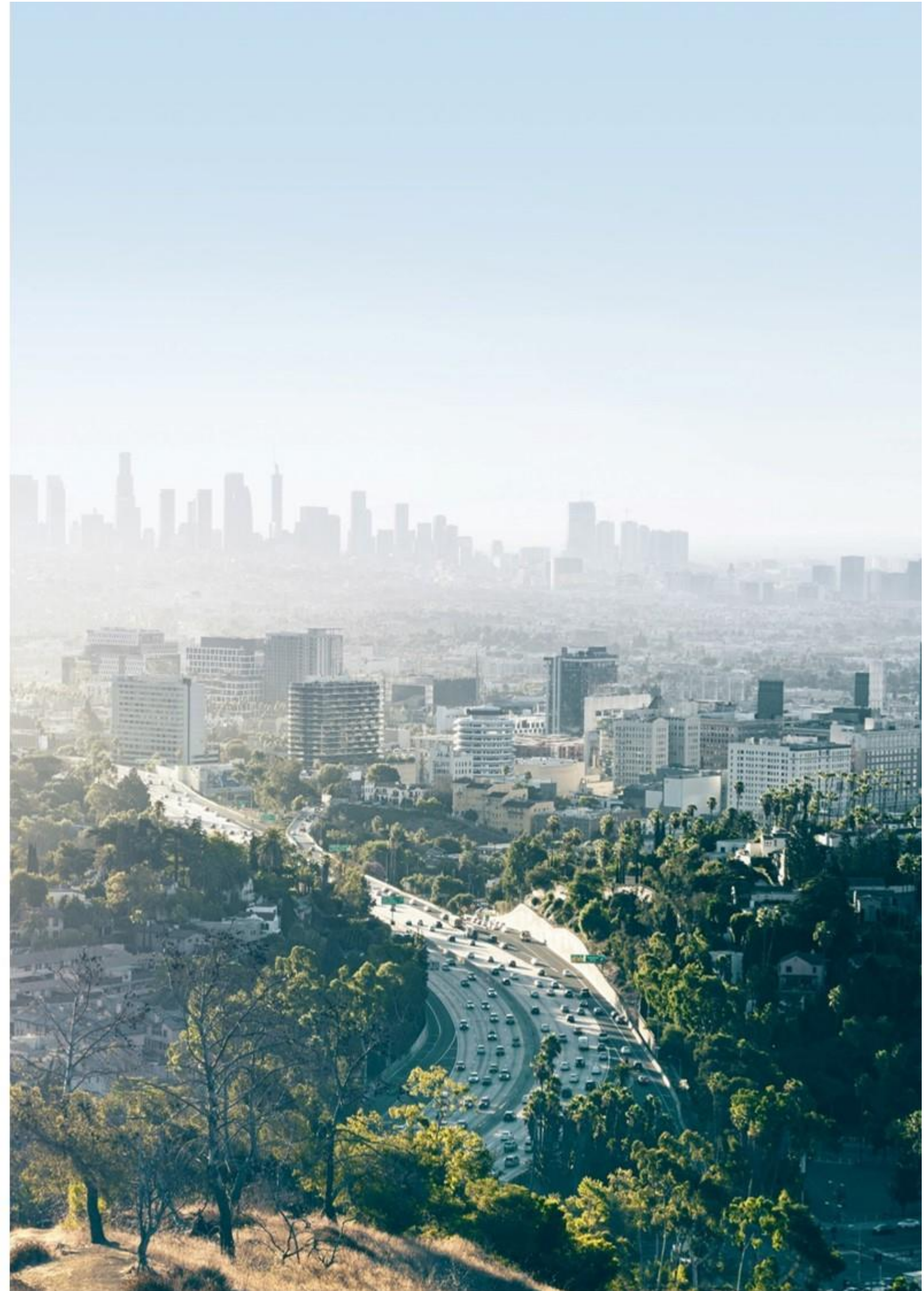


**Actuaciones para el desarrollo del plan de acción
contra el ruido fase II en la autovía A-1. P.K.
23+300 a 35+300. Provincia de Madrid.**

Clave 39-M-15120.



**ANEJO N°14:
TRAZADO Y REPLANTEO**



ÍNDICE

1.- INTRODUCCIÓN.....	5
2.- CRITERIOS DE IMPLANTACIÓN GEOMÉTRICA.....	5
2.1.- CRITERIOS ASOCIADOS A LOS SISTEMAS DE CONTENCIÓN DE VEHÍCULOS	5
2.2.- OTROS CRITERIOS DE IMPLANTACIÓN	5
3.- CARACTERÍSTICAS GENERALES Y CONDICIONANTES DE LAS PANTALLAS PROYECTADAS	5
3.1.- DESCRIPCIÓN POR PANTALLA	6
3.1.1.- PANTALLA PT-1	6
3.1.2.- PANTALLA PT-2	8
3.1.3.- PANTALLA PT-3	8
3.1.4.- PANTALLA PT-4	9
3.1.5.- PANTALLA PT-5	10
3.1.6.- PANTALLA PT-6	11
3.1.7.- PANTALLA PT-7	11
3.1.8.- PANTALLA PT-8	12
3.1.9.- PANTALLA PT-9	13
3.1.10.- PANTALLA PT-10	13
3.1.11.- PANTALLA PT-11	14
3.1.12.- PANTALLA PT-12	15
3.1.13.- PANTALLA PT-13	16
3.1.14.- PANTALLA PT-14	17
3.1.15.- PANTALLA PT-15	18
3.1.16.- PANTALLA PT-16	19
3.1.17.- PANTALLA PT-17	20
3.1.18.- PANTALLA PT-18	21
3.2.- TABLA RESUMEN	23

TABLAS

Tabla 1. Tabla resumen	23
------------------------------	----

FIGURAS

Figura 1. Localización en planta pantalla PT-1.....	6
Figura 2. Localización en planta pantalla PT-1. Ortofoto	6
Figura 3. PT-1. Paso junto a pasarela peatonal con pantalla acústica obsoleta existente	7
Figura 4. PT-1. Paso por la trasera de parada de autobús con pantalla obsoleta existente	7
Figura 5. Localización en planta pantalla PT-2.....	8
Figura 6. Localización en planta pantalla PT-2. Ortofoto	8
Figura 7. Localización en planta pantalla PT-3.....	8
Figura 8. Localización en planta pantalla PT-3. Ortofoto	9
Figura 9. Localización en planta pantalla PT-4.....	9
Figura 10. Localización en planta pantallas PT-5 y PT-6	10
Figura 11. Localización en planta pantalla PT-7.....	12
Figura 12. Localización en planta pantalla PT-7. Ortofoto	12
Figura 13. Localización en planta pantallas PT-8 y PT-9.....	12
Figura 14. Localización en planta pantalla PT-10.....	13
Figura 15. Localización en planta pantalla PT-11.....	14
Figura 16. Localización en planta pantalla PT-11. Ortofoto	14
Figura 17. Localización en planta pantalla PT-12.....	15
Figura 18. Localización en planta pantalla PT-13.....	16
Figura 19. Localización en planta pantalla PT-14.....	17
Figura 20. Localización en planta pantalla PT-16.....	19
Figura 21. Localización PT-16 -a la izquierda de la imagen- y PT-17. Panorámica	20
Figura 22. Localización en planta pantalla PT-17.....	21
Figura 23. Localización PT-18. Panorámica	21
Figura 24. Localización en planta pantalla PT-18.....	21

FOTOGRAFÍAS

Fotografía 1. PT-1. Tramos inicial e intermedio sin pantalla actualmente	6
Fotografía 2. PT-1. Extremo final. Elementos eléctricos, pantalla obsoleta y acera existentes.....	7

Fotografía 3. PT-2. Entorno de emplazamiento en paralelo a la existente.....	8
Fotografía 4. PT-3. Entorno de emplazamiento. Extremo suroeste.....	9
Fotografía 5. PT-3. Entorno de emplazamiento. Extremo noroeste	9
Fotografía 6. PT-4. Tramo inicial en el área de servicio (PP_A-1_24,9_I_MI_1_08)	10
Fotografía 7. PT-4. Subtramo central (PP_A-1_24,9_I_MI_1_09).....	10
Fotografía 8. PT-4. Tramo final. (PP_A-1_24,9_I_MI_1_10)	10
Fotografía 9. PT-5. Entorno de emplazamiento	11
Fotografía 10. PT-5 y PT-6. Acceso existente entre ambas pantallas.....	11
Fotografía 11. PT-6. Entorno de emplazamiento	11
Fotografía 12. PT-7. Entorno de emplazamiento	12
Fotografía 13. PT-8. Entorno de emplazamiento	13
Fotografía 14. PT-9. Entorno de la pantalla	13
Fotografía 15. PT-10. Pantalla acústica existente	14
Fotografía 16. PT-10. Tramo final sin barrera actualmente	14
Fotografía 17. PT-11. Entorno de la pantalla	15
Fotografía 18. PT-12. Pantalla acústica obsoleta a la que discurrirá paralela	15
Fotografía 19. PT-12. Tramo inicial en el ramal de enlace sin barrera actualmente	15
Fotografía 20. PT-12. Tramo final en el recinto del área de servicio	16
Fotografía 21. PT-13. Emplazamiento. Vista de norte a sur	16
Fotografía 22. PT-13. Emplazamiento. Vista de sur a norte.....	17
Fotografía 23. PT-14. Entorno general de la pantalla.....	17
Fotografía 24. PT-14. Vista del tramo en la salida a la estación de servicio	18
Fotografía 25. PT-14. Vista del tramo en el tronco de la A-1.....	18
Fotografía 26. Localización en planta pantalla PT-15.....	18
Fotografía 27. Localización en planta pantalla PT-15. Ortofoto.....	18
Fotografía 28. PT-15. Entorno de ubicación	19
Fotografía 29. PT-15. Vista desde la margen oeste del tronco de la a A-1	19
Fotografía 30. PT-16. Ramal de salida. Pantalla acústica obsoleta a la que discurrirá paralela .	20
Fotografía 31. PT-16. Torre eléctrica condicionante del trazado.....	20
Fotografía 32. PT-16. Tronco A-1. Pantalla acústica obsoleta a la que discurrirá paralela	20
Fotografía 33. PT-17. Coronación de talud en que irá ubicada	21

Fotografía 34. PT-18. Zona inicial y paso sobre ODT.....	22
Fotografía 35. PT-18. Zona de implantación en el tramo intermedio aprox. PK 0+240 a 0+360 .	22
Fotografía 36. PT-18. Cabeza de talud de implantación desde el PK 0+360	22

APÉNDICES

APÉNDICE Nº1: LISTADOS DE DEFINICIÓN GEOMÉTRICA EN PLANTA

APÉNDICE Nº2: LISTADOS DE REPLANTEO

1.- INTRODUCCIÓN

El presente anejo recoge los criterios de implantación geométrica adoptados para las pantallas, la descripción de la implantación de cada una de ellas, así como los listados de sus alineaciones en planta y de replanteo cada 4m, correspondiente a la longitud de los subelementos que las constituyen.

2.- CRITERIOS DE IMPLANTACIÓN GEOMÉTRICA

Se recogen a continuación los criterios de implantación en planta de las pantallas. Su implantación en alzado será la correspondiente al terreno en su ubicación en planta, con excepción del tramo en paralelo a una obra de paso existente (pantalla PT-17 (PP_A-1_35_DI_MI_1)), en que la pantalla se sitúa sobre la estructura auxiliar prevista para su implantación a la cota aproximada de la calzada

2.1.- CRITERIOS ASOCIADOS A LOS SISTEMAS DE CONTENCIÓN DE VEHÍCULOS

Según la Orden Circular 35/2014 sobre Criterios de aplicación de sistemas de contención de vehículos -en adelante OC- la presencia de las pantallas acústicas, dependiendo de la distancia a la calzada a que se ubiquen, supone un riesgo de accidente del que en su caso ha de estar protegida la circulación.

El correspondiente Anejo nº20. Sistemas de contención. Señalización vertical, horizontal balizamiento analiza la necesidad en cada caso de disponer barreras, así como la validez de los sistemas de contención existentes para el nuevo riesgo.

La ubicación de las pantallas preverá en todo caso el respeto de la anchura de trabajo de los sistemas de contención. Para los existentes, a falta de información de los sistemas de contención realmente implantados, se ha realizado una estimación de la anchura de trabajo W esperable y establecido en consecuencia la distancia mínima a la que disponer las pantallas de la cara de la barrera más próxima a los vehículos.

En anejo citado justifica los criterios de ubicación de pantallas por razón de los sistemas de contención, que de forma resumida se concretan a continuación.

- Barreras metálicas: la distancia mínima a la que disponer la cara de la pantalla más próxima al tráfico de la cara de la barrera más próxima a los vehículos será de 1.30m
- Barreras de hormigón: la distancia mínima a la que disponer la cara de la pantalla más próxima al tráfico de la cara de la barrera más próxima a los vehículos será la siguiente:
 - $a=1.30m$ de manera general y siempre que los demás condicionantes lo permitan
 - $a=0.80m$ mínimo

2.2.- OTROS CRITERIOS DE IMPLANTACIÓN

- La implantación se realizará en poligonales de tramos rectos de longitud múltiplo de 4m, atendiendo a la longitud de fabricación de las pantallas
- Se evitará disponer sobre cimentaciones (apoyos de pasarelas peatonales, báculos de luminarias, pórticos y banderolas, ..., y todas las reflejadas en la cartografía 1/500), los vértices de la poligonal y las posiciones múltiplo de 4m, para no hacer coincidir sobre ellas los micropilotes de sustentación de la pantalla
- Se tendrá presente en la distribución en planta de la tramificación en paños de 4m, la imposibilidad de situar la micropilotadora en el paso bajo estructuras (pasarelas peatonales)
- Se evitará disponer tramos de poligonal formando ángulo agudo
- Caso de existir pantallas acústicas obsoletas que esté previsto reemplazar, las nuevas pantallas se situarán de modo que la distancia entre caras de la nueva y la existente sea de al menos 0.60m de modo que la cimentación de las nuevas pantallas no se vea afectada por la de las existentes, que al estar pilotadas no podrán retirarse por completo.
- Siempre que sea posible, se respetarán las arquetas y registros recogidos en la cartografía 1/500. Se atenderá no obstante la circunstancia concreta de que la nueva pantalla vaya a situarse en paralelo a una obsoleta existente, evitando dejar arquetas entre ambas, de modo que su acceso sea complicado o inviable.
- Cuando la pantalla se disponga adosada a la valla metálica de protección de la vía, se situará al menos a 0.40m de la misma para prever la construcción y disposición en anchura de su viga de cimentación
- Caso singular de al paso junto a obra de paso de mampostería existente (pantalla PT-15 (PP_A-1_35_DI_MI_1): la pantalla se instalará sobre una estructura paralela a la obra de paso -y en consecuencia al tronco de la A-1- prevista de modo que la cara de la pantalla más próxima al tráfico se sitúe a una distancia de 0.50m respecto a la ubicación del cantil en la cartografía.

3.- CARACTERÍSTICAS GENERALES Y CONDICIONANTES DE LAS PANTALLAS PROYECTADAS

Se describen seguidamente las características particulares de cada una de las pantallas proyectadas, que quedan asimismo recogidas de manera conjunta en la tabla incluida al final del presente apartado.

Cabe indicar que la numeración de pantallas y su trazado y en consecuencia el avance de sus PKs, se organiza de sur a norte, en sentido contrario al de circulación, dado que todas las pantallas se ubican en la margen izquierda de la A1 (tronco o vía lateral) según el avance de PKs de la misma.

3.1.- DESCRIPCIÓN POR PANTALLA

3.1.1.- PANTALLA PT-1

La pantalla PT-1 se sitúa en la zona de actuación A-1_24,9_I, en la vía de servicio de la A-1 en sentido descendente de PKs, en el tramo comprendido entre la salida hacia la glorieta de conexión con la M-100, y el área de servicio hacia el norte situado aproximadamente en el PK 0+024.

Se subdivide en los 5 subtramos siguientes:

- PP_A-1_24,9_I_MI_1_01
- PP_A-1_24,9_I_MI_1_02
- PP_A-1_24,9_I_MI_1_03
- PP_A-1_24,9_I_MI_1_04
- PP_A-1_24,9_I_MI_1_05

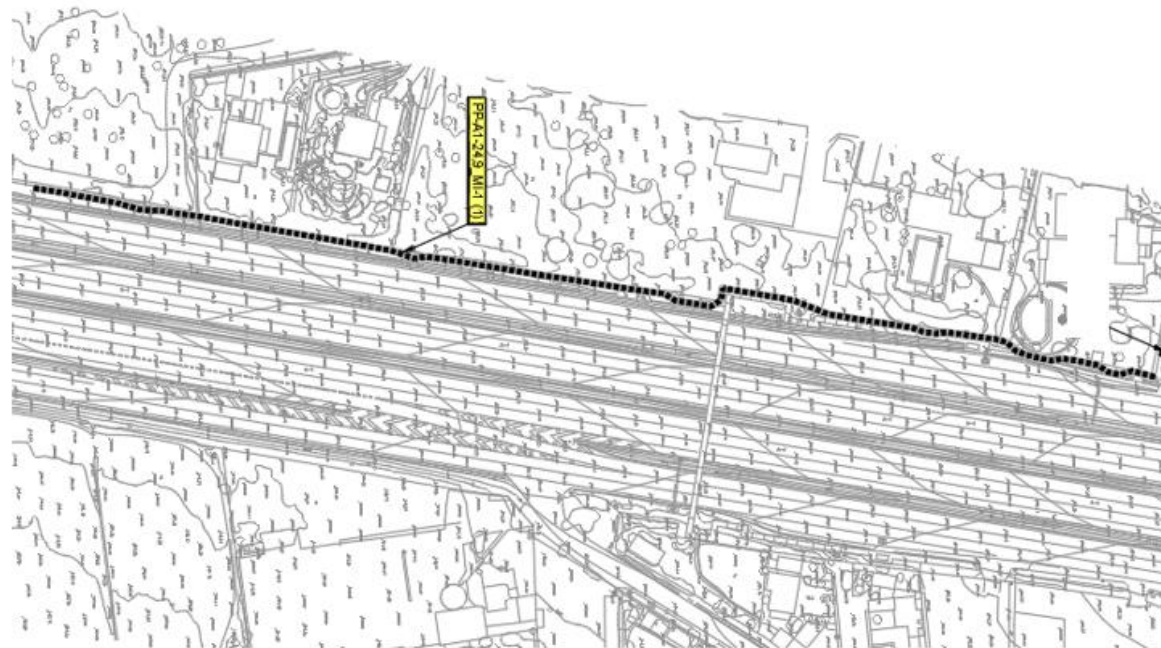


Figura 1. Localización en planta pantalla PT-1

Su longitud es de 328 m. Su altura es de 5m con excepción de un tramo de 92m de 6m de altura. Se sitúa en toda su longitud a cota del terreno.



Figura 2. Localización en planta pantalla PT-1. Ortofoto

Salvo en su tramo inicial y un breve tramo intermedio en que lateralmente existe únicamente la valla de protección de la autopista, en el resto de su longitud existente una pantalla acústica obsoleta, que discurre en paralelo a la de nueva implantación.



Fotografía 1. PT-1. Tramos inicial e intermedio sin pantalla actualmente

Como en todo el proyecto, los tramos que discurren junto a una pantalla existente preverán una distancia de 0.60m a ella entre caras para evitar la interferencia entre las cimentaciones de ambas.

A este condicionante se suman para la PT-1 los siguientes:

- La nueva pantalla ha de superar el paso junto a una pasarela peatonal, quedando condicionado su trazado adicionalmente por la no afección a la cimentación de sus pilas, y no poder disponerse la nueva pantalla en la sombra de la pasarela dada la altura necesaria para que trabaje la pilotadora. El espacio comprendido entre la pasarela y la pantalla acústica

existente no es suficiente para el paso de la misma respetando una distancia mínima para no verse su instalación afectada por la cimentación de la existente.



Figura 3. PT-1. Paso junto a pasarela peatonal con pantalla acústica obsoleta existente

- La pantalla pasa por la trasera de una parada de autobús, por delante de la pantalla existente



Figura 4. PT-1. Paso por la trasera de parada de autobús con pantalla obsoleta existente

Geoméricamente se verifica que existente espacio suficiente disponible

- En el extremo final, el trazado está condicionado por la presencia de varios armarios eléctricos y una construcción que previsiblemente sea un transformador asociado al a torre eléctrica cercana. En el mismo punto, existe una acera que conduce hacia la parada de autobús. Para situar la nueva pantalla entre la acera y la pantalla existente, será necesario reubicar los elementos eléctricos existentes



Fotografía 2. PT-1. Extremo final. Elementos eléctricos, pantalla obsoleta y acera existentes

En cuanto a los sistemas de contención, desde el inicio hasta la pasarela peatonal (PK 0+235) no existen sistema de contención, y la distancia de la nueva pantalla al borde de calzada sí lo hace necesario. Existe en el recorrido una cuneta de características no montables, de modo que el nuevo sistema de contención por motivo de la pantalla se propone situarlo por el exterior del borde del arcén, en la cuneta actual, de manera que sirva de protección asimismo al peligro que ésta implica. La pantalla se situará a distancia suficiente para satisfacer la anchura de trabajo de la barrera, que se prevé sea menor o igual a 1.30m. En su lado exterior, la ubicación está condicionada por la presencia de la valla de cierre de al autopista, de la que habrá de separarse al menos 0.40m para evitar interferencias con su cimentación. El trazado se ha fundamentado en respetar este último condicionante de modo que la pantalla que lo más alejada posible de la calzada para no afectar a la visibilidad, lo que dada la ubicación de la barrera en la posición indicada es en todo caso suficiente para el alejamiento necesario a la barrera metálica a implantar.

Desde la pantalla peatonal hasta el final de la PT-1 (PK 0+384) existe barrera metálica de doble altura para proteger de la colisión con las pilas de la pasarela y los postes de sustentación de un pórtico de señalización, que como recoge el correspondiente Anejo nº20 Sistemas de contención, señalización y balizamiento es suficiente también para las nuevas pantallas .la PT-1 respetará una distancia a ella suficiente para satisfacer su anchura de trabajo, que se ha estimado en menor o igual a 1.30m.

3.1.2.- PANTALLA PT-2

La pantalla PT-2 consta de un único tramo (PP_A-1_24,9_I_MI_1_06). Se sitúa al término en sentido contrario a la circulación de la PT-1, retranqueada alejándose de la calzada, en la vía de servicio de la A-1 en sentido descendente. Se ubica a la salida del área de servicio del PK 0+024 de la A-1. Su longitud es de 12m y su altura 2m.



Figura 5. Localización en planta pantalla PT-2



Figura 6. Localización en planta pantalla PT-2. Ortofoto

Por su distancia a la calzada no precisa disponer de sistema de contención, siendo su único condicionante el discurre en toda la su longitud (L=12m) en paralelo a la pantalla obsoleta existente. Deberá separarse de ella al menos 0.60m para no interferir con su cimentación.



Fotografía 3. PT-2. Entorno de emplazamiento en paralelo a la existente

3.1.3.- PANTALLA PT-3

La pantalla PT-3 consta por su altura - H= 5m- de un único tramo denominado PP_A-1_24,9_I_MI_1_07. Su longitud es de 128m.

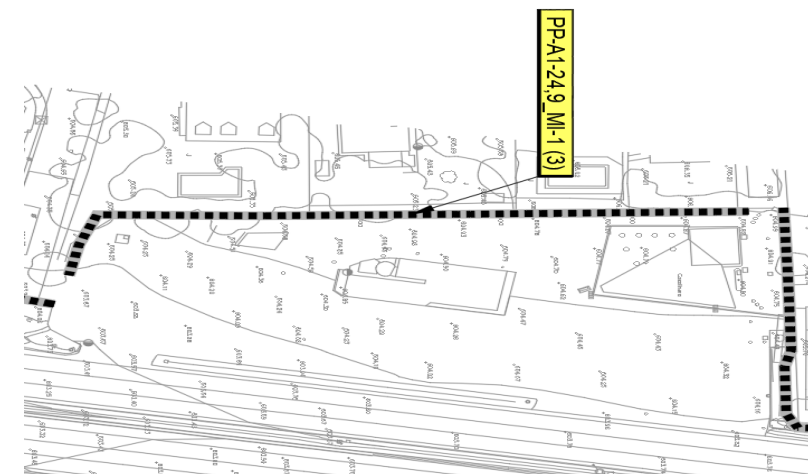


Figura 7. Localización en planta pantalla PT-3



Figura 8. Localización en planta pantalla PT-3. Ortofoto

Bordea por su interior el recinto del área de servicio situado en el PK 0+024 de la A-1 en sentido descendente. Consta de dos laterales, el mayor de los cuales, paralelo a la autopista, discurre junto a la pantalla acústica existente. En el lado menor - al sur del anterior y casi perpendicular al mismo- no existe actualmente pantalla.



Fotografía 4. PT-3. Entorno de emplazamiento. Extremo suroeste



Fotografía 5. PT-3. Entorno de emplazamiento. Extremo noroeste

A lo largo de la pantalla actual existe un murete perimetral que habrá que demoler para ubicar la nueva pantalla por delante de ella a distancia suficiente para que no se vea afectada por la cimentación.

La implantación de la pantalla está condicionada únicamente por la necesidad de separación mínima de 0.60m a respetar entre caras de la pantalla nueva y la existente.

3.1.4.- PANTALLA PT-4

La pantalla PT-4 discurre en paralelo a la vía lateral izquierda de la A-1, entre la estación de servicio situada en el PK 0+024 de la A-1 y el ramal de incorporación proveniente de la glorieta que conduce hacia Fuente del Fresno Norte. Su longitud total es de 316m, con altura 6m.

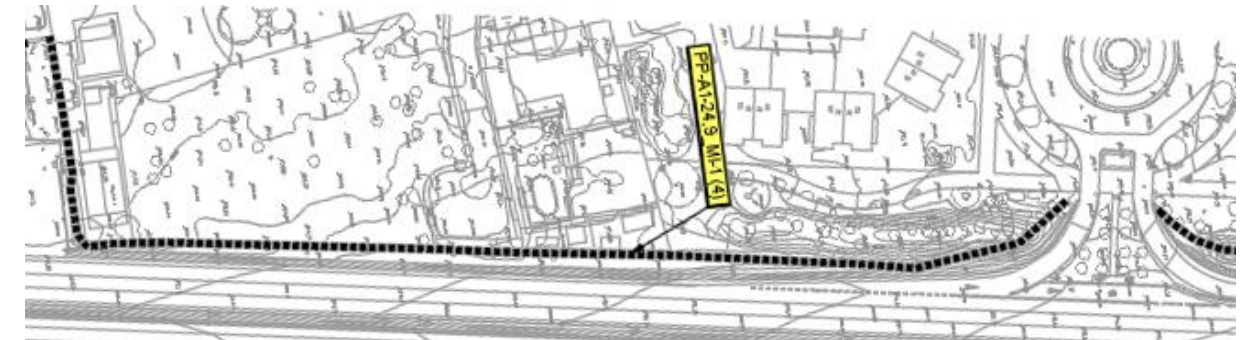


Figura 9. Localización en planta pantalla PT-4

Se subdivide en tres tramos:

- PP_A-1_24,9_I_MI_1_08: corresponde a sus primeros 56m, que recorren el lateral del área de servicio en perpendicular a la A-1. En este tramo no existe pantalla acústica actualmente. La pantalla discurre paralela al muro existente, a una distancia mínima de él de 0.75m. En su recorrido encuentra diversos carteles de publicidad que deberán ser reubicados por delante de la pantalla, teniendo especial relevancia en el recorrido evitar la zapata de la pylona de gran altura de un cartel de publicidad. Delante del citado muro existe una bancada de aproximadamente un metro de altura, en la que se sitúan los citados carteles publicitarios. La pylona, se ubica sobre una zapata independiente de grandes dimensiones situada aproximadamente a mitad de la longitud del subtramo.



Fotografía 6. PT-4. Tramo inicial en el área de servicio (PP_A-1_24,9_I_MI_1_08)

- PP_A-1_24,9_I_MI_1_09: paralelo a la vía lateral en sentido descendente de la A-1. En toda su longitud (216m) existe una pantalla acústica obsoleta respecto a la cual la nueva pantalla tiene un resguardo de 0.60m para evitar la interferencia entre las cimentaciones de ambas pantallas.



Fotografía 7. PT-4. Subtramo central (PP_A-1_24,9_I_MI_1_09)

Así mismo la ubicación de la pantalla respetará una distancia mínima de 1.30m al sistema de contención que, para la protección de la colisión contra ella, deberá quedar implantado en todo el recorrido, según se expone y justifica en el correspondiente *Anejo nº20 Sistemas de contención, señalización y balizamiento*.

- PP_A-1_24,9_I_MI_1_10: alcanzada la incorporación desde la glorieta que da acceso a Fuente del Fresno norte, la pantalla se aleja de la calzada para discurrir sus últimos 44m aproximadamente por la coronación del talud de desmorte.



Fotografía 8. PT-4. Tramo final. (PP_A-1_24,9_I_MI_1_10)

3.1.5.- PANTALLA PT-5

La pantalla PT-5 (PP_A-1_26_I_MI_1_1) se sitúa en la vía lateral en sentido descendente de la A-1, en el entorno del PK 0+025,300 de la autopista.

Se prevé una longitud de pantalla de 28m y una altura de 4m.

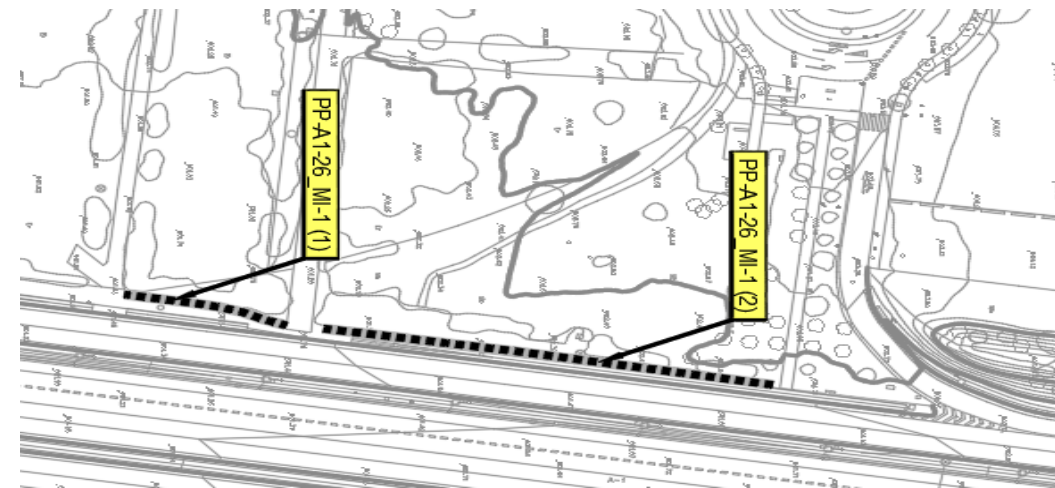


Figura 10. Localización en planta pantallas PT-5 y PT-6



Fotografía 9. PT-5. Entorno de emplazamiento

La franja de instalación está limitada en su parte exterior a la calzada por la valla de protección de la carretera.

La implantación cumple con los condicionantes presentes de situarse a mínimo 0.40m de la valla y respetar la anchura de trabajo de la barrera que será preciso disponer para proteger de la colisión con la pantalla, establecida en un máximo de 1.30m.

3.1.6.- PANTALLA PT-6

La pantalla PT-6 consta por su altura de un único tramo, denominado PP_A-1_26_I_MI_1_2. Se sitúa a continuación de la PT-5 tras el cruce de un acceso a la vía lateral de la A-1 -en sentido descendente- en que se ubican. La pantalla PT-6 tiene una longitud de 76m y altura 6m.

Sus condicionantes son los mismos que los de la PT-5 de la que es prolongación. Así, se sitúa a un mínimo 0.40m de la valla y respeta la anchura de trabajo de la barrera que será preciso disponer para proteger de la colisión con la pantalla, establecida en un máximo de 1.30m (anchura de trabajo W4).



Fotografía 10. PT-5 y PT-6. Acceso existente entre ambas pantallas



Fotografía 11. PT-6. Entorno de emplazamiento

3.1.7.- PANTALLA PT-7

La pantalla PT-7 discurre en su mayor parte en paralelo a la vía de servicio de la A-1 en sentido descendente, desde aproximadamente el PK 0+025.500 a la altura del Trinnity Collegue de San Sebastián de los Reyes y el ramal de incorporación desde el enlace de la A-1 hacia el club de campo de la Real Sociedad Hípica Española, en el PK 0+026.300. Se subdivide en los tramos PP_A-1_26_I_MI_2_1 de altura 4m y el PP_A-1_26_I_MI_2_2 de altura 2m, este último en el tramo final correspondiente al ramal de incorporación desde el enlace. Su longitud total es de 884m.

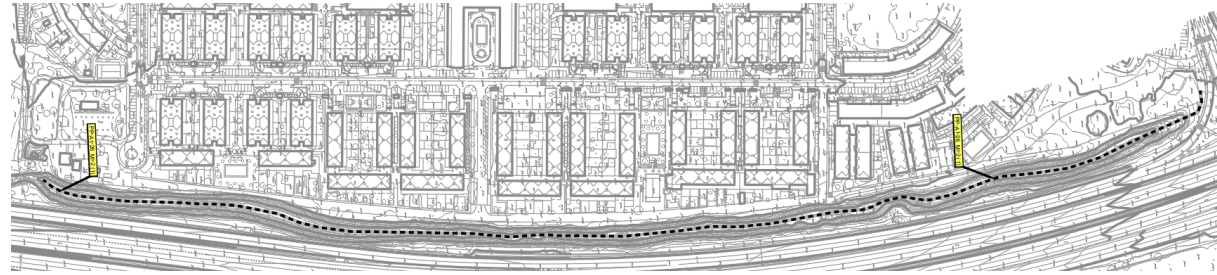


Figura 11. Localización en planta pantalla PT-7

La pantalla se sitúa en todo su recorrido en la coronación del talud de desmorte adyacente a la vía, a una distancia mínima de 12m, por lo que no es necesaria la previsión de sistemas de contención para proteger del impacto contra ella.



Figura 12. Localización en planta pantalla PT-7. Ortofoto

El trazado recorre la superficie pseudo plana de la coronación del talud.



Fotografía 12. PT-7. Entorno de emplazamiento

3.1.8.- PANTALLA PT-8

La pantalla PT-8 (PP_A-1_26_I_MI_2_3) de 28m de longitud y 4m de altura, se sitúa en la vía de servicio de la A-1 en sentido descendente, en el enlace de la salida hacia el Club de Campo de la Real Sociedad Hípica Española en el PK 0+26.500 de la autopista. Se implanta entre el ramal de salida y el estribo Este del viaducto del paso superior del citado enlace.

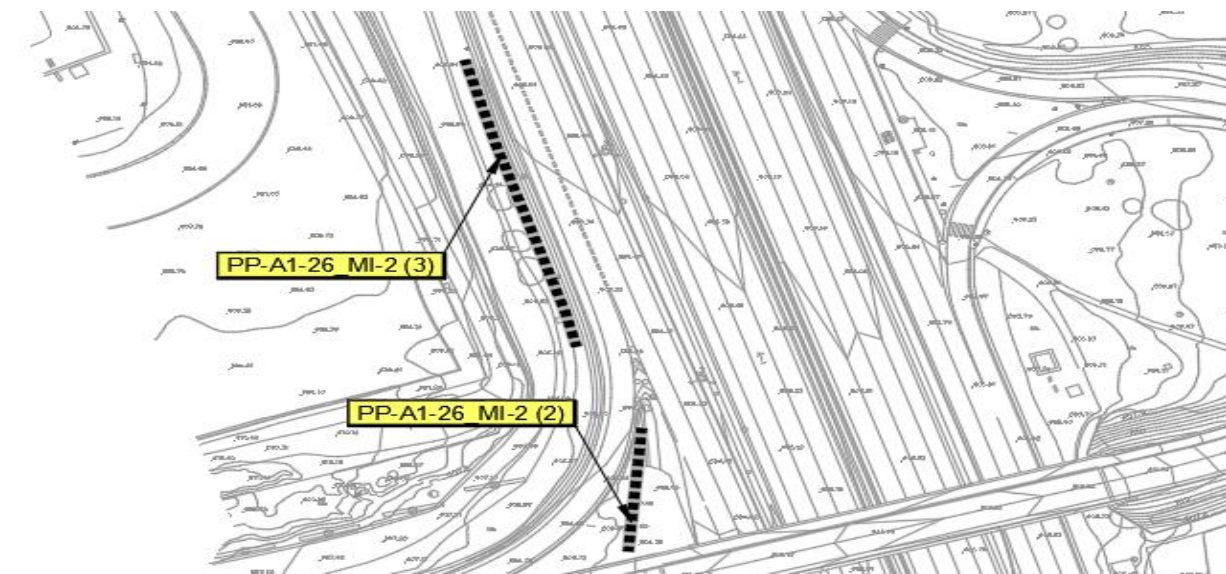


Figura 13. Localización en planta pantallas PT-8 y PT-9



Fotografía 13. PT-8. Entorno de emplazamiento

A fin de minimizar la afeción de la nueva pantalla a la visibilidad del enlace, se inicia transversalmente ligeramente más alejada que el estribo del viaducto, no empeorando la visión del ramal de incorporación del enlace situado al lado opuesto del estribo.

Se inicia a distancia de 1m del muro de tierra armada de cierre lateral del estribo para evitar interferencias entre las cimentaciones.

En su tramo final a partir del PK 0+015 la separación de la pantalla respecto a la vía hace necesario implantar un sistema de contención que proteja del impacto contra ella. El trazado de la pantalla considera la anchura de trabajo al mismo, así como a la barrera existente en el ramal de salida del enlace. En aras de la seguridad y atendiendo a las indicaciones de la Orden Circular 35/2014 sobre criterios de implantación de sistemas de contención, al respecto de la disposición de terminaciones de barrera en "narices" de enlace, la barrera no se dispondrá en la vía de servicio más allá de la sección en que la distancia entre los bordes de su plataforma y la del ramal de enlace sea inferior a 2.50m. La pantalla finaliza antes de este punto, de modo que ningún tramo de ella quede desprovisto de sistema de contención.

3.1.9.- PANTALLA PT-9

La pantalla PT-9 (PP_A-1_26_I_MI_2_4) se sitúa a continuación de la PT-8, una vez superado el ramal de salida del enlace hacia el club de campo. Recorre el carril de deceleración en la vía de servicio hacia dicho ramal. Tiene una longitud de 68m y una altura de 2m.

Se implantará barrera para protección de la colisión contra la pantalla, disponiéndose la pantalla a un mínimo de 1.30m de la misma para garantizar que existe espacio suficiente para la anchura de trabajo. Se cumplirá al tiempo el condicionante impuesto por la separación de 0.40m mínimo a la valla a fin de no interferir con sus cimentaciones.



Fotografía 14. PT-9. Entorno de la pantalla

3.1.10.- PANTALLA PT-10

Discurre por lateral en sentido descendente de la A-1 y parcialmente por el ramal de incorporación desde el enlace que conduce al Club de Golf del RACE, entre el extremo norte del circuito del Jarama y dicho enlace. El recorrido corresponde aproximadamente al tramo de la A-1 comprendido entre los PKs 0+27.500 y 0+28.200

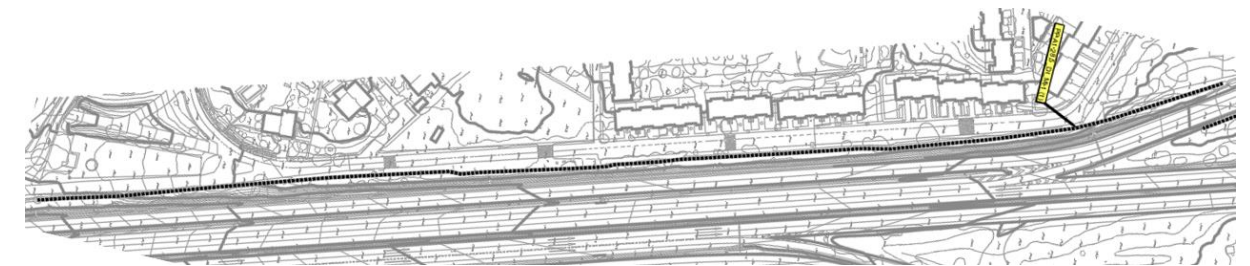


Figura 14. Localización en planta pantalla PT-10

Consta de tres tramos, denominados PP_A-1_28,5_DI_MI_1_1 (h=5m), PP_A-1_28,5_DI_MI_1_2 (h=2m) y PP_A-1_28,5_DI_MI_131 (h=6m). Su longitud total es de 720m.

Excepto en sus 88m iniciales y los 72 finales en que se sitúa en paralelo y por el interior hacia la carretera de la valla de protección, el resto de sus 560m discurre en paralelo a una pantalla acústica existente, obsoleta.

Tanto la valla como la pantalla acústica obsoleta se sitúan en la coronación del talud de desmonte, a distancia tal que no es preciso disponer de barrera de contención para el riesgo de colisión con la

pantalla. Como excepción, en los últimos 30 m, ya en el ramal de incorporación desde el enlace, en que la pantalla baja hasta la cota de la calzada al tiempo que se aproxima a ella, se instalará barrera.

En base a lo anterior, el trazado de la pantalla tiene como condicionantes el respetar distancias de 0.40m y 0.60m a la valla o la pantalla acústica existente según el caso para no interferir con sus cimentaciones, y de 1.30m a la barrera en la zona final de la pantalla.



Fotografía 15. PT-10. Pantalla acústica existente



Fotografía 16. PT-10. Tramo final sin barrera actualmente

3.1.11.- PANTALLA PT-11

La pantalla PT-11 (PP_A-1_28,5_DI_MI_1_4) tiene una longitud de 96 m y altura 5m. Se sitúa en el ramal que conecta el enlace del club de golf del RACE con la vía lateral de la A-1 en sentido descendente.

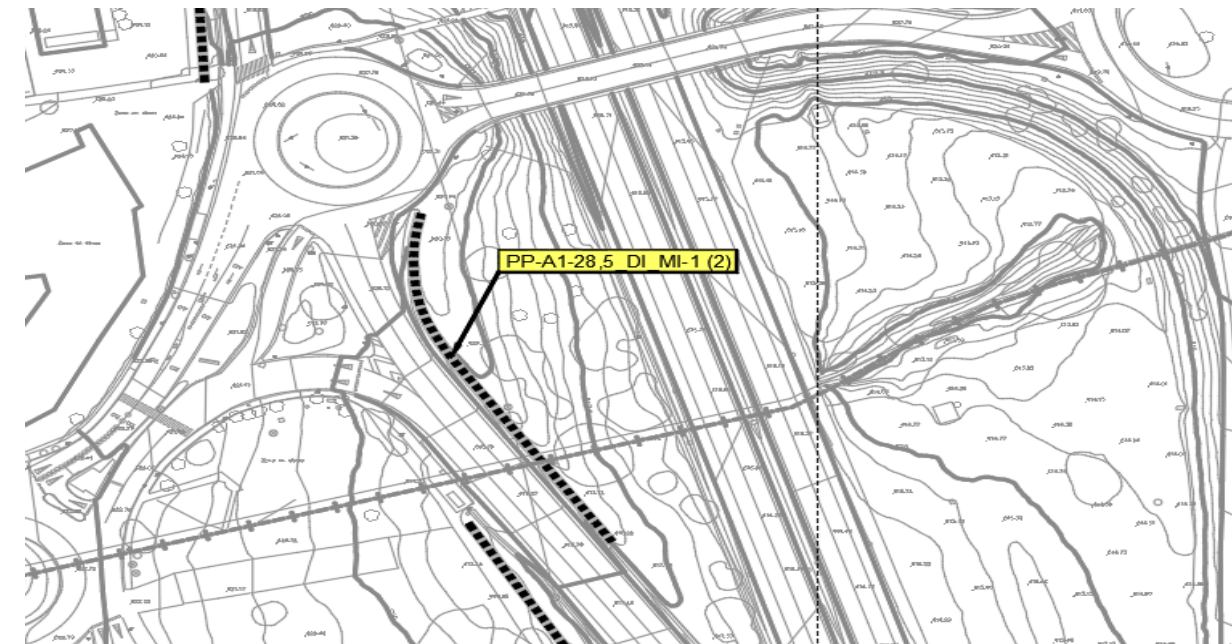


Figura 15. Localización en planta pantalla PT-11

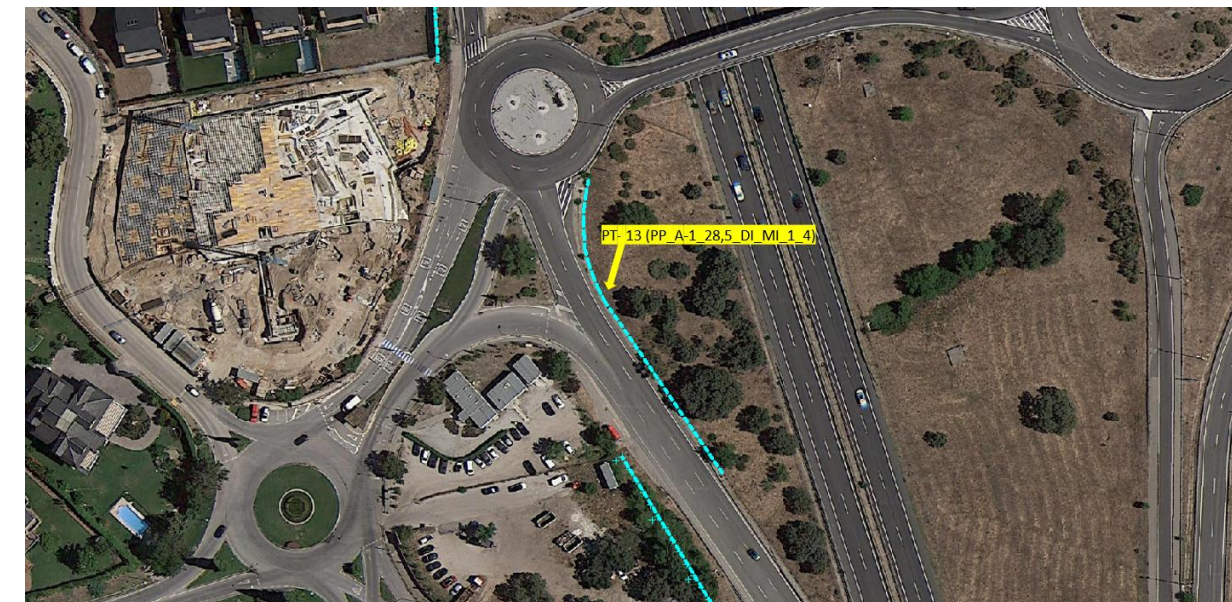


Figura 16. Localización en planta pantalla PT-11. Ortofoto

Se dispondrá una barrera de protección de colisión con la pantalla, a la que la misma respetará una distancia mínima de 1.30m entre caras del lado de la circulación para permitir su anchura de trabajo. La nueva barrera servirá asimismo de protección frente al cunetón, situándose en el talud de la cuneta del lado del arcén.



Fotografía 17. PT-11. Entorno de la pantalla

Discurre como se ha expuesto junto a la pantalla a la que reemplaza funcionalmente, situada en la coronación del talud de desmonte, de forma general alejada de la calzada sin ser necesaria su protección con sistema de contención.



Fotografía 18. PT-12. Pantalla acústica obsoleta a la que discurrirá paralela

3.1.12.- PANTALLA PT-12

La pantalla PT-12 comienza en el ramal de salida en sentido descendente de la A-1 del enlace que conduce al club de golf del RACE en el PK 0+028.600, para continuar en paralelo al tronco de la A-1 en la posición aproximada de la pantalla acústica obsoleta existente, hasta alcanzar el área de servicio del PK 0+29.300, al que bordea parcialmente por su parte posterior.

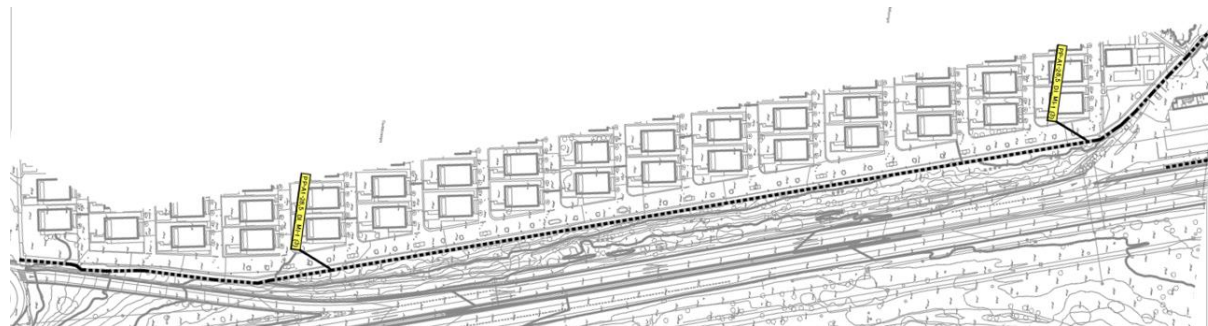


Figura 17. Localización en planta pantalla PT-12

Se subdivide en los tramos PP_A-1_28,5_DI_MI_1_5 (h=5m) y PP_A-1_28,5_DI_MI_1_6 (h=4m) y tiene una longitud total de 796m.

No obstante, en el tramo inicial en que recorre el ramal de salida una vez que este se separa por completo del tronco de la A-1, la distancia a la calzada de la nueva pantalla se estrecha y hace necesario disponer barrera. Existe sistema de contención actualmente, interrumpido en un tramo, en el que se dará continuidad a la barrera de modo que sea continua en todo el trayecto indicado.



Fotografía 19. PT-12. Tramo inicial en el ramal de enlace sin barrera actualmente

En este tramo con barrera -existente o de nueva implantación- el trazado de la pantalla satisface conjuntamente la condición de distancia a la pantalla obsoleta de 0.60m y de 1.30m al sistema de contención respetando su anchura de trabajo.

En el tramo interior al área de servicio no es precisa barrera y el condicionante único del trazado de la pantalla es de nuevo la existencia de la pantalla obsoleta y sus cimentaciones.



Fotografía 20. PT-12. Tramo final en el recinto del área de servicio

3.1.13.- PANTALLA PT-13

Se sitúa en el tronco de la A-1 en sentido descendente, a lo largo de la estación de servicio situada en el entorno del PK 0+29.300.

Su longitud total de 12m se subdivide en los tramos PP_A-1_28,5_DI_MI_1_7 (H=2m) de longitud 40m y PP_A-1_28,5_DI_MI_1_8 (H=3) de 92m.

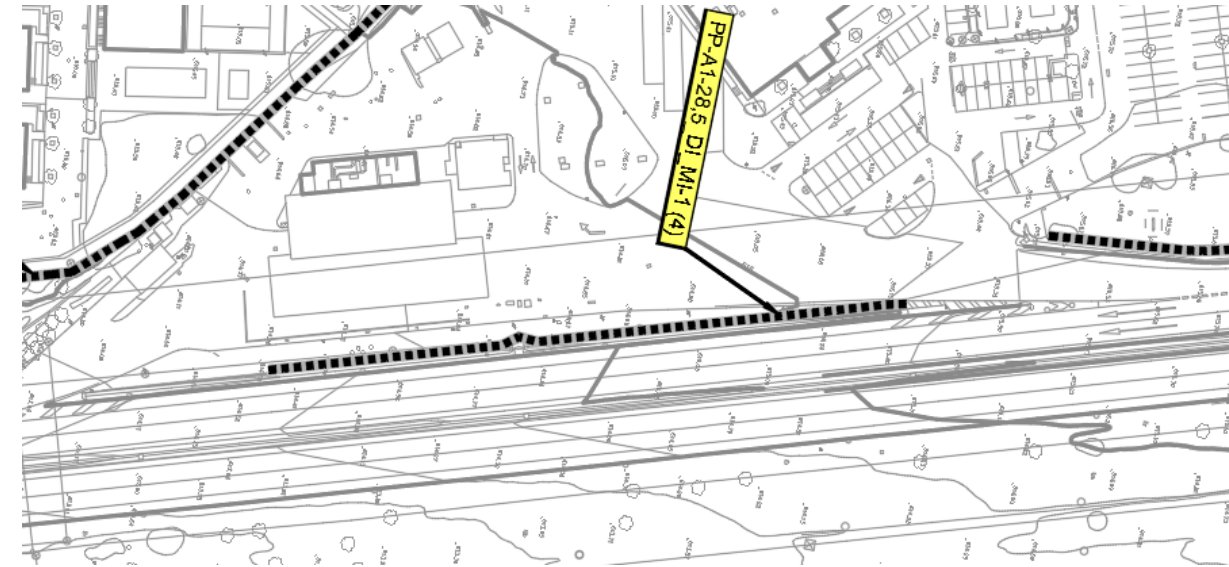


Figura 18. Localización en planta pantalla PT-13

La pantalla se proyecta del lado exterior de la valla de protección de la autopista, pseudoparalela a ella, en la superficie del área de servicio. Los condicionantes de la implantación son, sumado a la presencia de las cimentaciones de la valla, el evitar afectar a los postes de madera que sustentan cableado aéreo, así como bordear el pozo de la boca oeste de la obra de drenaje transversal situada aproximadamente en el PK 0+052 de la pantalla.



Fotografía 21. PT-13. Emplazamiento. Vista de norte a sur



Fotografía 22. PT-13. Emplazamiento. Vista de sur a norte

3.1.14.- PANTALLA PT-14

La pantalla PT-14 (PP_A-1_28,5_DI_MI_1_9) , de 176m de longitud y altura 3m, se sitúa en el tronco de la A-1 en sentido descendente inmediatamente antes de la estación de servicio del PK 0+029.300. La mitad de su recorrido se encuentra en el carril de deceleración en la salida hacia la misma.

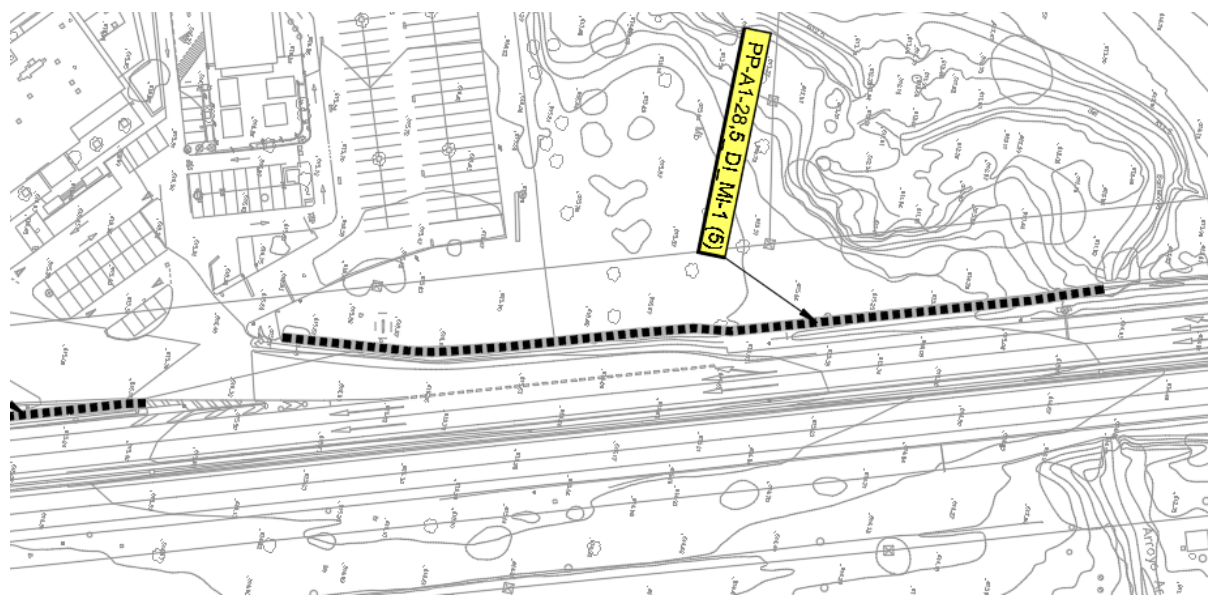


Figura 19. Localización en planta pantalla PT-14

Por su distancia a la marca vial exterior de la calzada, es necesario disponer nueva barrera para proteger de la colisión con la pantalla a partir de su Pk 0+025 hasta el PK 0+162.

Además de la separación a la misma marcada por la anchura de trabajo, la posición de la pantalla está condicionada por la presencia de la valla de protección de la autopista y el escaso espacio existente en el carril de deceleración y el ramal entre la valla y la calzada, ocupado asimismo por una cuneta no montable.

Así, en el recorrido en paralelo al tronco de la A-1 antes de iniciarse el carril de deceleración, en que existe espacio suficiente entre la valla y la calzada, la implantación la condiciona la separación a la valla para no interferir sus cimentaciones el condicionante principal, verificándose el respeto a la anchura de trabajo de la barrera sin dificultad. La pantalla se sitúa en el tramo por el interior de la valla, hacia la calzada.

En el tramo del carril de deceleración y la salida, el progresivo estrechamiento de la franja entre la valla y la calzada, que incluye la cuneta, obliga a disponer la pantalla por el exterior de la valla de protección de la autopista, respetando asimismo la distancia de 0.40m mínima en a fin de evitar sus cimentaciones.



Fotografía 23. PT-14. Entorno general de la pantalla



Fotografía 24. PT-14. Vista del tramo en la salida a la estación de servicio



Fotografía 25. PT-14. Vista del tramo en el tronco de la A-1

3.1.15.- PANTALLA PT-15

La pantalla PT-15 se ubica en el tronco de la A-1 en sentido descendente, a la altura del enlace de San Agustín de Guadalix (PK 0+034 de la autopista). Su longitud total de 132m se subdivide en los tramos PP_A-1_35_DI_MI_1_1 de 36m (h=3m), PP_A-1_35_DI_MI_1_2 de 32m (h=4m) y PP_A-1_35_DI_MI_1_3 (h=2m)



Fotografía 26. Localización en planta pantalla PT-15



Fotografía 27. Localización en planta pantalla PT-15. Ortofoto

El trazado respeta la distancia a la valla de cierre allí donde existe, y la disposición de espacio suficiente para la anchura de trabajo de la barrera.

Entre el PK 0+055 y el 0+065 aproximadamente existe una obra de paso de mampostería que sirve a un camino en tierras y a un pequeño cauce. Se prevé la disposición de una estructura en paralelo al mismo sobre la que sustentar la nueva pantalla. La distancia entre la barrera metálica y el cantil de la obra de paso es, en su punto mínimo, del orden de 1.35m; suficiente para la anchura de trabajo del sistema de contención; la posición de la pantalla en el tramo paralelo al paso, únicamente está por tanto condicionada por el diseño y construcción de la estructura de apoyo. Atendiendo a ello, se sitúa la pantalla de modo que su cara más próxima a la calzada diste 0.50m del cantil de la obra de paso.

En la zona final, se aleja del muro de contención asociado a la aleta de la obra de paso, discurriendo entre el mismo y la calzada. A partir del PK 0+100, evita afectar a la arqueta existente en que desagua la cuneta.



Fotografía 28. PT-15. Entorno de ubicación



Fotografía 29. PT-15. Vista desde la margen oeste del tronco de la A-1

3.1.16.- PANTALLA PT-16

La pantalla PT-16 (PP_A-1_35_DI_MI_1_4) se sitúa en el tronco de la A-1 en sentido descendente, en el entorno del enlace de conexión con San Agustín del Guadalix, en la Salida 34 de la autopista.

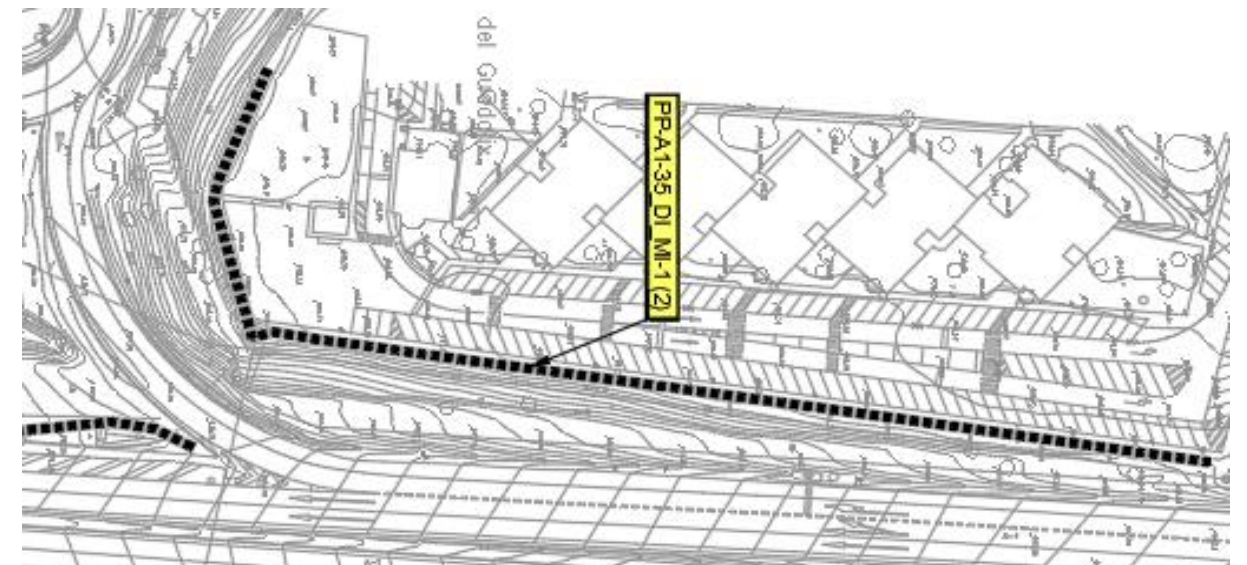


Figura 20. Localización en planta pantalla PT-16

Tiene 236m de longitud y una altura de 2m. A continuación de ella hacia el norte se encuentra en la misma zona la pantalla PT-19 (PP_A-1_35_DI_MI_1_5).



Figura 21. Localización PT-16 -a la izquierda de la imagen- y PT-17. Panorámica

Su longitud es de 236m y su altura 2m. En todo su recorrido existe una pantalla acústica obsoleta, a la que la nueva pantalla sustituirá funcionalmente. Se implantará en paralelo a la actual, hacia la calzada, separándose de ella un mínimo de 0.60m para evitar la interferencia de sus cimentaciones.

La separación a la pantalla actual es el condicionante principal del trazado, afectado puntualmente también por evitar afectar a la torre eléctrica situada en el entorno del PK 0+055 de la pantalla.



Fotografía 30. PT-16. Ramal de salida. Pantalla acústica obsoleta a la que discurrirá paralela



Fotografía 31. PT-16. Torre eléctrica condicionante del trazado



Fotografía 32. PT-16. Tronco A-1. Pantalla acústica obsoleta a la que discurrirá paralela

3.1.17.- PANTALLA PT-17

La pantalla PT-17 (PP_A-1_35_DI_MI_1_5), de longitud 180 y altura 5m, se sitúa en el tronco de la A-1 en sentido descendente, inmediatamente antes de la PT-18 en el sentido de circulación de su margen por la autopista, al sur del núcleo urbano de San Agustín de Guadalix.



Figura 22. Localización en planta pantalla PT-17

Su trazado recorre la coronación del desmorte, a una distancia del orden de 20m de la calzada. Su único condicionante es situarse en la superficie aproximadamente plana transversalmente existente en la coronación del talud



Fotografía 33. PT-17. Coronación de talud en que irá ubicada

3.1.18.- PANTALLA PT-18

La pantalla PT-18 (PP_A-1_35_DI_MI_1_6) se sitúa en el tronco de la A-1 en sentido descendente, en el entorno del PK 0+035 de la autopista. Se ubica a continuación y hacia el norte de la pantalla PT-17. Su longitud es de 704m y su altura 4m.



Figura 23. Localización PT-18. Panorámica

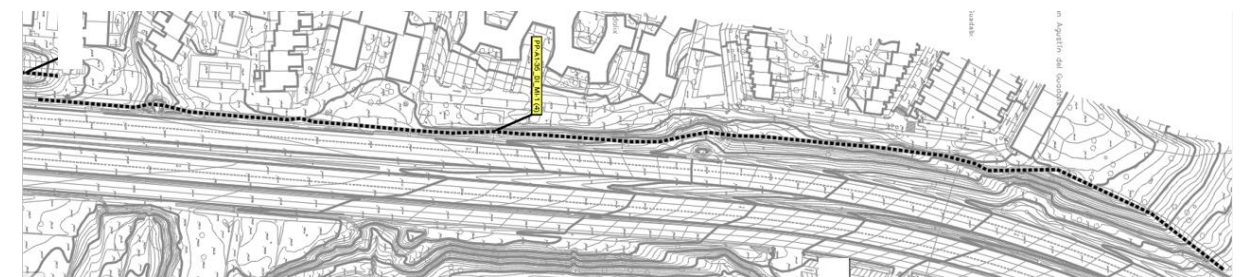


Figura 24. Localización en planta pantalla PT-18

El trazado se sitúa en paralelo a la valla de protección de la carretera, respetando la distancia mínima a ella de 0.40m por evitar su cimentación, y tan adosada a ello como es posible a fin de no afectar a la visibilidad de los carteles de señalización presentes en el recorrido. Dicho condicionante respeta asimismo la distancia necesaria por anchura de trabajo a los sistemas de contención.

A partir del PK 0+360 la pantalla se aleja de la calzada para discurrir hasta su término por la coronación del desmorte.



Fotografía 34. PT-18. Zona inicial y paso sobre ODT



Fotografía 35. PT-18. Zona de implantación en el tramo intermedio aprox. PK 0+240 a 0+360



Fotografía 36. PT-18. Cabeza de talud de implantación desde el PK 0+360

3.2.- TABLA RESUMEN

Denominación	PANTALLA				SITUACION EN AUTOPISTA A-1		EXISTE PANTALLA ACUSTICA OBSOLETA EN ALGUN TRAMO	EJE PANTALLA		LONGITUD (m)
	Zona de actuación	Nombre	Orden	Subtramo	Ubicación	Sentido PKs		PK inicio	PK fin	
PT-1	A-1_24,9_I	PP_A-1_24,9_I_MI_1	1	PP_A-1_24,9_I_MI_1_01	via de servicio	descendente	SI	0	120	120
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	2	PP_A-1_24,9_I_MI_1_02				120	212	92
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	3	PP_A-1_24,9_I_MI_1_03				212	272	60
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	4	PP_A-1_24,9_I_MI_1_04				272	328	56
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	5	PP_A-1_24,9_I_MI_1_05				328	384	56
PT-2	A-1_24,9_I	PP_A-1_24,9_I_MI_1	6	PP_A-1_24,9_I_MI_1_06	via de servicio	descendente	SI	0	12	12
PT-3	A-1_24,9_I	PP_A-1_24,9_I_MI_1	7	PP_A-1_24,9_I_MI_1_07	área de servicio	descendente	SI	0	128	128
PT-4	A-1_24,9_I	PP_A-1_24,9_I_MI_1	8	PP_A-1_24,9_I_MI_1_08	área de servicio	descendente	SI	0	56	56
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	9	PP_A-1_24,9_I_MI_1_09	via de servicio			56	272	216
	A-1_24,9_I	PP_A-1_24,9_I_MI_1	10	PP_A-1_24,9_I_MI_1_10	via de servicio/acceso (incorporacion)			272	316	44
PT-5	A-1_26_I	PP_A-1_26_I_MI_1	1	PP_A-1_26_I_MI_1_1	via de servicio	descendente	NO	0	28	28
PT-6	A-1_26_I	PP_A-1_26_I_MI_1	2	PP_A-1_26_I_MI_1_2	via de servicio	descendente	NO	0	76	76
PT-7	A-1_26_I	PP_A-1_26_I_MI_2	1	PP_A-1_26_I_MI_2_1	ramal salida	descendente	NO	0	756	756
	A-1_26_I	PP_A-1_26_I_MI_2	2	PP_A-1_26_I_MI_2_2	via de servicio/ramal incorporacion			756	884	128
PT-8	A-1_26_I	PP_A-1_26_I_MI_2	3	PP_A-1_26_I_MI_2_3	via de servicio	descendente	NO	0	28	28
PT-9	A-1_26_I	PP_A-1_26_I_MI_2	4	PP_A-1_26_I_MI_2_4	via de servicio	descendente	NO	0	68	68
PT-10	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	1	PP_A-1_28,5_DI_MI_1_1	via de servicio	descendente	SI	0	88	88
	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	2	PP_A-1_28,5_DI_MI_1_2				88	648	560
	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	3	PP_A-1_28,5_DI_MI_1_3				648	720	72
PT-11	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	4	PP_A-1_28,5_DI_MI_1_4	ramal incorporacion	descendente	NO	0	96	96
PT-12	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	5	PP_A-1_28,5_DI_MI_1_5	ramal salida/tronco	descendente	SI	0	692	692
	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	6	PP_A-1_28,5_DI_MI_1_6	tronco/ramal incorporacion			692	796	104
PT-13	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	7	PP_A-1_28,5_DI_MI_1_7	tronco	descendente	NO	0	40	40
	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	8	PP_A-1_28,5_DI_MI_1_8	tronco			40	132	92
PT-14	A-1_28,5_DI	PP_A-1_28,5_DI_MI_1	9	PP_A-1_28,5_DI_MI_1_9	tronco	descendente	NO	0	176	176
PT-15	A-1_35_DI	PP_A-1_35_DI_MI_1	1	PP_A-1_35_DI_MI_1_1	tronco	descendente	NO	0	36	36
	A-1_35_DI	PP_A-1_35_DI_MI_1	2	PP_A-1_35_DI_MI_1_2				36	68	32
	A-1_35_DI	PP_A-1_35_DI_MI_1	3	PP_A-1_35_DI_MI_1_3				68	132	64
PT-16	A-1_35_DI	PP_A-1_35_DI_MI_1	4	PP_A-1_35_DI_MI_1_4	tronco	descendente	SI	0	236	236
PT-17	A-1_35_DI	PP_A-1_35_DI_MI_1	5	PP_A-1_35_DI_MI_1_5	tronco	descendente	NO	0	180	180
PT-18	A-1_35_DI	PP_A-1_35_DI_MI_1	6	PP_A-1_35_DI_MI_1_6	tronco	descendente	NO	0	704	704

Tabla 1. Tabla resumen

**APÉNDICE N°1: LISTADOS DE DEFINICIÓN GEOMÉTRICA EN
PLANTA**

ÍNDICE

1.- LISTADOS DE DEFINICION GEOMÉTRICA EN PLANTA	5
1.1.- PANTALLA PT-1 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 1 A 5)	5
1.2.- PANTALLA PT-2 (PP_A-1_24,9_I_MI_1_06)	6
1.3.- PANTALLA PT-3 (PP_A-1_24,9_I_MI_1_07)	6
1.4.- PANTALLA PT-4 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 8 A 10)	6
1.5.- PANTALLA PT-5 (PP_A-1_26_I_MI_1_1)	7
1.6.- PANTALLA PT-6 (PP_A-1_26_I_MI_1_2)	7
1.7.- PANTALLA PT-7 (PP_A-1_26_I_MI_2, SUBTRAMOS 1 Y 2)	7
1.8.- PANTALLA PT-8 (PP_A-1_26_I_MI_2_3)	8
1.9.- PANTALLA PT-9 (PP_A-1_26_I_MI_2_4)	9
1.10.- PANTALLA PT-10 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 1 A 3)	9
1.11.- PANTALLA PT-11 (PP_A-1_28,5_DI_MI_1_4).....	10
1.12.- PANTALLA PT-12 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 5 Y 6)	10
1.13.- PANTALLA PT-13 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 7 Y 8)	11
1.14.- PANTALLA PT-14 (PP_A-1_28,5_DI_MI_1_9).....	11
1.15.- PANTALLA PT-15 (PP_A-1_35_DI_MI_1, SUBTRAMOS 1 A 3)	12
1.16.- PANTALLA PT-16 (PP_A-1_35_DI_MI_1_4).....	12
1.17.- PANTALLA PT-17 (PP_A-1_35_DI_MI_1_5)	13
1.18.- PANTALLA PT-18 (PP_A-1_35_DI_MI_1_6).....	13

1.- LISTADOS DE DEFINICION GEOMÉTRICA EN PLANTA

Se incluyen a continuación listados de definición geométrica en X,Y, de los vértices de la poligonal que define cada pantalla. Cada tramo tiene una longitud múltiplo de 4m en consonancia con los subtramos de que se componen las pantallas.

1.1.- PANTALLA PT-1 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 1 A 5)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	0,000	450.564,274	4.493.022,514	9,9588	0,1557949	0,9877894	40°35'11.4733"	-3°35'03.0233"
RECTA	20,000	8,000	450.565,521	4.493.030,417	11,7078	0,1828706	0,9831370	40°35'11.7299"	-3°35'02.9725"
RECTA	8,000	28,000	450.569,178	4.493.050,079	18,1939	0,2819149	0,9594394	40°35'12.3683"	-3°35'02.8224"
RECTA	8,000	36,000	450.571,434	4.493.057,755	3,2197	0,0505539	0,9987213	40°35'12.6177"	-3°35'02.7287"
RECTA	4,000	44,000	450.571,838	4.493.065,745	12,2143	0,1906867	0,9816509	40°35'12.8769"	-3°35'02.7137"
RECTA	8,000	48,000	450.572,601	4.493.069,671	8,9535	0,1401785	0,9901262	40°35'13.0044"	-3°35'02.6824"
RECTA	12,000	56,000	450.573,722	4.493.077,592	11,4593	0,1790324	0,9838432	40°35'13.2616"	-3°35'02.6369"
RECTA	12,000	68,000	450.575,871	4.493.089,398	11,1646	0,1744757	0,9846615	40°35'13.6449"	-3°35'02.5489"
RECTA	16,000	80,000	450.577,964	4.493.101,214	10,8652	0,1698426	0,9854712	40°35'14.0285"	-3°35'02.4631"
RECTA	24,000	96,000	450.580,682	4.493.116,982	11,2904	0,1764213	0,9843148	40°35'14.5405"	-3°35'02.3520"
RECTA	8,000	120,000	450.584,916	4.493.140,605	21,0725	0,3249946	0,9457159	40°35'15.3075"	-3°35'02.1785"
RECTA	4,000	128,000	450.587,516	4.493.148,171	390,8039	-0,1439500	0,9895850	40°35'15.5534"	-3°35'02.0701"
RECTA	4,000	132,000	450.586,940	4.493.152,130	8,7938	0,1376935	0,9904749	40°35'15.6817"	-3°35'02.0957"
RECTA	8,000	136,000	450.587,491	4.493.156,091	9,8686	0,1543950	0,9880092	40°35'15.8103"	-3°35'02.0734"
RECTA	8,000	144,000	450.588,726	4.493.163,995	10,2292	0,1599890	0,9871188	40°35'16.0669"	-3°35'02.0230"
RECTA	12,000	152,000	450.590,006	4.493.171,892	10,4147	0,1628649	0,9866484	40°35'16.3232"	-3°35'01.9708"
RECTA	8,000	164,000	450.591,960	4.493.183,732	10,6414	0,1663779	0,9860621	40°35'16.7076"	-3°35'01.8910"
RECTA	8,000	172,000	450.593,291	4.493.191,621	9,1819	0,1437295	0,9896170	40°35'16.9637"	-3°35'01.8366"
RECTA	20,000	180,000	450.594,441	4.493.199,538	10,1144	0,1582087	0,9874057	40°35'17.2207"	-3°35'01.7899"
RECTA	12,000	200,000	450.597,605	4.493.219,286	8,5930	0,1345697	0,9909041	40°35'17.8619"	-3°35'01.6609"
RECTA	4,000	212,000	450.599,220	4.493.231,177	36,4395	0,5416426	0,8406089	40°35'18.2478"	-3°35'01.5956"
RECTA	12,000	216,000	450.601,387	4.493.234,539	10,8184	0,1691188	0,9855957	40°35'18.3573"	-3°35'01.5044"
RECTA	4,000	228,000	450.603,416	4.493.246,366	364,9994	-0,5225065	0,8526353	40°35'18.7413"	-3°35'01.4214"
RECTA	4,000	232,000	450.601,326	4.493.249,777	312,3817	-0,9811461	0,1932673	40°35'18.8515"	-3°35'01.5112"
RECTA	8,000	236,000	450.597,401	4.493.250,550	10,7748	0,1684440	0,9857112	40°35'18.8757"	-3°35'01.6784"
RECTA	8,000	244,000	450.598,749	4.493.258,435	10,7322	0,1677839	0,9858238	40°35'19.1317"	-3°35'01.6233"
RECTA	4,000	252,000	450.600,091	4.493.266,322	10,6315	0,1662235	0,9860881	40°35'19.3878"	-3°35'01.5684"
RECTA	4,000	256,000	450.600,756	4.493.270,266	12,6927	0,1980587	0,9801902	40°35'19.5159"	-3°35'01.5412"
RECTA	12,000	260,000	450.601,548	4.493.274,187	24,2760	0,3721521	0,9281718	40°35'19.6432"	-3°35'01.5087"
RECTA	12,000	272,000	450.606,014	4.493.285,325	10,3812	0,1623451	0,9867340	40°35'20.0054"	-3°35'01.3218"
RECTA	16,000	284,000	450.607,962	4.493.297,166	9,7297	0,1522396	0,9883436	40°35'20.3898"	-3°35'01.2423"
RECTA	4,000	300,000	450.610,398	4.493.312,980	23,5884	0,3621050	0,9321373	40°35'20.9031"	-3°35'01.1431"
RECTA	4,000	304,000	450.611,847	4.493.316,708	8,4860	0,1329040	0,9911289	40°35'21.0244"	-3°35'01.0826"
RECTA	4,000	308,000	450.612,378	4.493.320,673	393,4464	-0,1027615	0,9947060	40°35'21.1530"	-3°35'01.0611"
RECTA	16,000	312,000	450.611,967	4.493.324,651	9,0005	0,1409086	0,9900226	40°35'21.2820"	-3°35'01.0797"
RECTA	4,000	328,000	450.614,222	4.493.340,492	17,6510	0,2737227	0,9618086	40°35'21.7962"	-3°35'00.9882"

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	4,000	332,000	450.615,317	4.493.344,339	48,7534	0,6931262	0,7208162	40°35'21.9212"	-3°35'00.9427"
RECTA	4,000	336,000	450.618,089	4.493.347,222	22,8472	0,3512282	0,9362899	40°35'22.0153"	-3°35'00.8256"
RECTA	8,000	340,000	450.619,494	4.493.350,967	15,0819	0,2346960	0,9720688	40°35'22.1370"	-3°35'00.7669"
RECTA	4,000	348,000	450.621,372	4.493.358,744	388,5543	-0,1788223	0,9838814	40°35'22.3896"	-3°35'00.6892"
RECTA	4,000	352,000	450.620,656	4.493.362,680	8,5280	0,1335565	0,9910412	40°35'22.5171"	-3°35'00.7207"
RECTA	8,000	356,000	450.621,191	4.493.366,644	13,3191	0,2076926	0,9781941	40°35'22.6458"	-3°35'00.6991"
RECTA	4,000	364,000	450.622,852	4.493.374,469	38,2487	0,5653102	0,8248784	40°35'22.8999"	-3°35'00.6307"
RECTA	4,000	368,000	450.625,113	4.493.377,769	14,4178	0,2245432	0,9744641	40°35'23.0074"	-3°35'00.5354"
RECTA	4,000	372,000	450.626,012	4.493.381,667	379,0797	-0,3227323	0,9464903	40°35'23.1340"	-3°35'00.4983"
RECTA	8,000	376,000	450.624,721	4.493.385,453	15,4965	0,2410211	0,9705199	40°35'23.2565"	-3°35'00.5543"
		384,000	450.626,649	4.493.393,217	15,4965			40°35'23.5087"	-3°35'00.4744"

1.2.- PANTALLA PT-2 (PP_A-1_24,9_I_MI_1_06)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	12,000	0,000	450.618,837	4.493.394,931	14,6241	0,2276996	0,9737314	40°35'23.5627"	-3°35'00.8072"
		12,000	450.621,570	4.493.406,616	14,6241			40°35'23.9422"	-3°35'00.6943"

1.3.- PANTALLA PT-3 (PP_A-1_24,9_I_MI_1_07)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	0,000	450.614,266	4.493.409,228	314,1645	-0,9753500	0,2206635	40°35'24.0253"	-3°35'01.0057"
RECTA	8,000	8,000	450.606,463	4.493.410,993	325,2693	-0,9222527	0,3865876	40°35'24.0809"	-3°35'01.3382"
RECTA	28,000	16,000	450.599,085	4.493.414,086	0,6330	0,0099427	0,9999506	40°35'24.1796"	-3°35'01.6529"
RECTA	36,000	44,000	450.599,363	4.493.442,085	399,2607	-0,0116130	0,9999326	40°35'25.0877"	-3°35'01.6489"
RECTA	48,000	80,000	450.598,945	4.493.478,082	399,1000	-0,0141364	0,9999001	40°35'26.2550"	-3°35'01.6769"
		128,000	450.598,267	4.493.526,077	399,1000			40°35'27.8113"	-3°35'01.7193"

1.4.- PANTALLA PT-4 (PP_A-1_24,9_I_MI_1, SUBTRMOS 8 A 10)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	16,000	0,000	450.597,403	4.493.532,159	97,1567	0,9990028	0,0446475	40°35'28.0084"	-3°35'01.7578"
RECTA	8,000	16,000	450.613,387	4.493.532,873	97,8403	0,9994246	0,0339186	40°35'28.0350"	-3°35'01.0780"
RECTA	12,000	24,000	450.621,382	4.493.533,144	98,1836	0,9995930	0,0285283	40°35'28.0455"	-3°35'00.7379"
RECTA	4,000	36,000	450.633,377	4.493.533,487	118,3656	0,9586757	-0,2845010	40°35'28.0592"	-3°35'00.2277"
RECTA	12,000	40,000	450.637,212	4.493.532,349	98,4244	0,9996938	0,0247463	40°35'28.0231"	-3°35'00.0643"
RECTA	4,000	52,000	450.649,208	4.493.532,646	66,4237	0,8641107	0,5033017	40°35'28.0353"	-3°34'59.5540"
RECTA	8,000	56,000	450.652,665	4.493.534,659	1,3929	0,0218784	0,9997606	40°35'28.1013"	-3°34'59.4076"
RECTA	12,000	64,000	450.652,840	4.493.542,657	7,0799	0,1109811	0,9938225	40°35'28.3608"	-3°34'59.4024"
RECTA	52,000	76,000	450.654,172	4.493.554,583	9,8235	0,1536958	0,9881182	40°35'28.7478"	-3°34'59.3491"
RECTA	20,000	128,000	450.662,164	4.493.605,965	9,8033	0,1533816	0,9881670	40°35'30.4159"	-3°34'59.0235"
RECTA	20,000	148,000	450.665,231	4.493.625,728	11,0789	0,1731498	0,9848955	40°35'31.0574"	-3°34'58.8986"
RECTA	40,000	168,000	450.668,694	4.493.645,426	9,3470	0,1462947	0,9892411	40°35'31.6970"	-3°34'58.7568"
RECTA	52,000	208,000	450.674,546	4.493.684,996	11,2408	0,1756539	0,9844520	40°35'32.9815"	-3°34'58.5190"

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	12,000	260,000	450.683,680	4.493.736,187	13,4092	0,2090765	0,9778993	40°35'34.6436"	-3°34'58.1449"
RECTA	8,000	272,000	450.686,189	4.493.747,922	392,8140	-0,1126380	0,9936361	40°35'35.0247"	-3°34'58.0414"
RECTA	20,000	280,000	450.685,288	4.493.755,871	393,0914	-0,1083074	0,9941175	40°35'35.2823"	-3°34'58.0820"
RECTA	16,000	300,000	450.683,122	4.493.775,754	361,7501	-0,5653255	0,8248679	40°35'35.9266"	-3°34'58.1798"
		316,000	450.674,077	4.493.788,952	361,7501			40°35'36.3527"	-3°34'58.5683"

1.5.- PANTALLA PT-5 (PP_A-1_26_I_MI_1_1)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	4,000	0,000	450.819,298	4.494.533,218	10,9839	0,1716805	0,9851527	40°36'00.5206"	-3°34'52.5992"
RECTA	8,000	4,000	450.819,985	4.494.537,159	10,7016	0,1673096	0,9859044	40°36'00.6485"	-3°34'52.5711"
RECTA	4,000	12,000	450.821,323	4.494.545,046	13,0589	0,2036935	0,9790347	40°36'00.9046"	-3°34'52.5164"
RECTA	4,000	16,000	450.822,138	4.494.548,962	18,4502	0,2857748	0,9582968	40°36'01.0318"	-3°34'52.4828"
RECTA	4,000	20,000	450.823,281	4.494.552,795	27,6743	0,4211442	0,9069937	40°36'01.1563"	-3°34'52.4352"
RECTA	4,000	24,000	450.824,965	4.494.556,423	22,2374	0,3422448	0,9396108	40°36'01.2744"	-3°34'52.3646"
		28,000	450.826,334	4.494.560,182	22,2374			40°36'01.3965"	-3°34'52.3074"

1.6.- PANTALLA PT-6 (PP_A-1_26_I_MI_1_2)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	32,000	0,000	450.827,109	4.494.566,540	10,1628	0,1589605	0,9872849	40°36'01.6029"	-3°34'52.2762"
RECTA	44,000	32,000	450.832,196	4.494.598,133	11,2766	0,1762073	0,9843531	40°36'02.6286"	-3°34'52.0687"
		76,000	450.839,949	4.494.641,445	11,2766			40°36'04.0349"	-3°34'51.7509"

1.7.- PANTALLA PT-7 (PP_A-1_26_I_MI_2, SUBRAMOS 1 Y 2)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	0,000	450.855,579	4.494.844,219	44,8419	0,6475573	0,7620168	40°36'10.6142"	-3°34'51.1429"
RECTA	8,000	8,000	450.860,759	4.494.850,315	33,5498	0,5029420	0,8643202	40°36'10.8130"	-3°34'50.9241"
RECTA	12,000	16,000	450.864,783	4.494.857,230	19,2153	0,2972717	0,9547929	40°36'11.0381"	-3°34'50.7549"
RECTA	36,000	28,000	450.868,350	4.494.868,687	9,5732	0,1498096	0,9887149	40°36'11.4104"	-3°34'50.6063"
RECTA	16,000	64,000	450.873,743	4.494.904,281	4,6335	0,0727183	0,9973525	40°36'12.5659"	-3°34'50.3868"
RECTA	24,000	80,000	450.874,907	4.494.920,239	4,4431	0,0697355	0,9975655	40°36'13.0837"	-3°34'50.3418"
RECTA	12,000	104,000	450.876,580	4.494.944,180	7,3572	0,1153094	0,9933296	40°36'13.8605"	-3°34'50.2773"
RECTA	16,000	116,000	450.877,964	4.494.956,100	4,0744	0,0639569	0,9979527	40°36'14.2473"	-3°34'50.2218"
RECTA	12,000	132,000	450.878,987	4.494.972,067	7,6235	0,1194638	0,9928386	40°36'14.7654"	-3°34'50.1827"
RECTA	12,000	144,000	450.880,421	4.494.983,981	14,1364	0,2202338	0,9754471	40°36'15.1520"	-3°34'50.1251"
RECTA	20,000	156,000	450.883,064	4.494.995,687	15,7054	0,2442045	0,9697238	40°36'15.5322"	-3°34'50.0159"
RECTA	16,000	176,000	450.887,948	4.495.015,081	27,5425	0,4192659	0,9078635	40°36'16.1622"	-3°34'49.8135"
RECTA	16,000	192,000	450.894,656	4.495.029,607	18,4844	0,2862892	0,9581432	40°36'16.6347"	-3°34'49.5322"

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	24,000	208,000	450.899,237	4.495.044,937	10,8304	0,1693036	0,9855639	40°36'17.1329"	-3°34'49.3416"
RECTA	20,000	232,000	450.903,300	4.495.068,591	3,4016	0,0534066	0,9985728	40°36'17.9008"	-3°34'49.1753"
RECTA	48,000	252,000	450.904,368	4.495.088,562	4,0028	0,0628352	0,9980239	40°36'18.5488"	-3°34'49.1355"
RECTA	20,000	300,000	450.907,384	4.495.136,468	3,7113	0,0582638	0,9983012	40°36'20.1030"	-3°34'49.0206"
RECTA	28,000	320,000	450.908,549	4.495.156,434	8,6737	0,1358244	0,9907329	40°36'20.7507"	-3°34'48.9766"
RECTA	16,000	348,000	450.912,352	4.495.184,174	398,0850	-0,0300762	0,9995476	40°36'21.6512"	-3°34'48.8225"
RECTA	12,000	364,000	450.911,871	4.495.200,167	0,2123	0,0033341	0,9999944	40°36'22.1697"	-3°34'48.8475"
RECTA	8,000	376,000	450.911,911	4.495.212,167	8,1543	0,1277367	0,9918081	40°36'22.5589"	-3°34'48.8492"
RECTA	48,000	384,000	450.912,933	4.495.220,101	3,4651	0,0544035	0,9985190	40°36'22.8164"	-3°34'48.8079"
RECTA	44,000	432,000	450.915,544	4.495.268,030	396,4696	-0,0554272	0,9984627	40°36'24.3713"	-3°34'48.7102"
RECTA	20,000	476,000	450.913,106	4.495.311,962	393,6545	-0,0995100	0,9950366	40°36'25.7955"	-3°34'48.8263"
RECTA	20,000	496,000	450.911,115	4.495.331,863	3,8681	0,0607231	0,9981547	40°36'26.4405"	-3°34'48.9166"
RECTA	24,000	516,000	450.912,330	4.495.351,826	396,5642	-0,0539434	0,9985440	40°36'27.0882"	-3°34'48.8705"
RECTA	16,000	540,000	450.911,035	4.495.375,791	391,2703	-0,1366963	0,9906130	40°36'27.8651"	-3°34'48.9323"
RECTA	32,000	556,000	450.908,848	4.495.391,641	391,4759	-0,1334964	0,9910493	40°36'28.3786"	-3°34'49.0298"
RECTA	20,000	588,000	450.904,576	4.495.423,355	397,7861	-0,0347694	0,9993954	40°36'29.4062"	-3°34'49.2205"
RECTA	8,000	608,000	450.903,881	4.495.443,343	384,1895	-0,2458055	0,9693192	40°36'30.0542"	-3°34'49.2557"
RECTA	8,000	616,000	450.901,914	4.495.451,097	371,8637	-0,4277156	0,9039134	40°36'30.3053"	-3°34'49.3416"
RECTA	12,000	624,000	450.898,493	4.495.458,329	387,7923	-0,1905852	0,9816706	40°36'30.5391"	-3°34'49.4892"
RECTA	4,000	636,000	450.896,206	4.495.470,109	392,3169	-0,1203928	0,9927263	40°36'30.9206"	-3°34'49.5898"
RECTA	16,000	640,000	450.895,724	4.495.474,079	12,8130	0,1999104	0,9798142	40°36'31.0493"	-3°34'49.6114"
RECTA	4,000	656,000	450.898,923	4.495.489,756	397,4871	-0,0394628	0,9992210	40°36'31.5584"	-3°34'49.4797"
RECTA	16,000	660,000	450.898,765	4.495.493,753	387,6194	-0,1932501	0,9811495	40°36'31.6880"	-3°34'49.4876"
RECTA	24,000	676,000	450.895,673	4.495.509,452	379,3865	-0,3181682	0,9480343	40°36'32.1964"	-3°34'49.6235"
RECTA	12,000	700,000	450.888,037	4.495.532,205	381,5014	-0,2865039	0,9580791	40°36'32.9327"	-3°34'49.9549"
RECTA	4,000	712,000	450.884,599	4.495.543,702	389,5310	-0,1637070	0,9865090	40°36'33.3048"	-3°34'50.1044"
RECTA	24,000	716,000	450.883,944	4.495.547,648	396,4062	-0,0564207	0,9984071	40°36'33.4326"	-3°34'50.1333"
RECTA	24,000	740,000	450.882,590	4.495.571,609	393,4462	-0,1027653	0,9947056	40°36'34.2094"	-3°34'50.1977"
RECTA	24,000	764,000	450.880,123	4.495.595,482	382,2813	-0,2747449	0,9615172	40°36'34.9831"	-3°34'50.3093"
RECTA	28,000	788,000	450.873,530	4.495.618,559	373,9337	-0,3981040	0,9173403	40°36'35.7300"	-3°34'50.5964"
RECTA	12,000	816,000	450.862,383	4.495.644,244	375,1738	-0,3801601	0,9249207	40°36'36.5606"	-3°34'51.0780"
RECTA	40,000	828,000	450.857,821	4.495.655,343	376,2252	-0,3648333	0,9310729	40°36'36.9196"	-3°34'51.2752"
RECTA	8,000	868,000	450.843,227	4.495.692,586	325,4897	-0,9209083	0,3897794	40°36'38.1243"	-3°34'51.9067"
RECTA	8,000	876,000	450.835,860	4.495.695,704	295,0926	-0,9970304	-0,0770088	40°36'38.2238"	-3°34'52.2211"
		884,000	450.827,884	4.495.695,088	295,0926			40°36'38.2021"	-3°34'52.5603"

1.8.- PANTALLA PT-8 (PP_A-1_26_I_MI_2_3)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
------	----------	------	-------------	-------------	--------	-------------	-------------	-------------	--------------

RECTA	28,000	0,000	450.844,662	4.495.726,909	5,2825	0,0828827	0,9965593	40°36'39.2377"	-3°34'51.8553"
		28,000	450.846,983	4.495.754,813	5,2825			40°36'40.1431"	-3°34'51.7643"

1.9.- PANTALLA PT-9 (PP_A-1_26_I_MI_2_4)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	0,000	450.835,861	4.495.773,693	384,7292	-0,2375799	0,9713680	40°36'40.7530"	-3°34'52.2429"
RECTA	40,000	8,000	450.833,961	4.495.781,464	381,0022	-0,2940067	0,9558034	40°36'41.0046"	-3°34'52.3260"
RECTA	20,000	48,000	450.822,200	4.495.819,696	383,0704	-0,2628062	0,9648486	40°36'42.2420"	-3°34'52.8372"
		68,000	450.816,944	4.495.838,993	383,0704			40°36'42.8667"	-3°34'53.0663"

1.10.- PANTALLA PT-10 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 1 A 3)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	4,000	0,000	450.523,450	4.496.748,042	381,4744	-0,2869093	0,9579578	40°37'12.2842"	-3°35'05.8129"
RECTA	12,000	4,000	450.522,303	4.496.751,874	380,5183	-0,3012632	0,9535410	40°37'12.4082"	-3°35'05.8628"
RECTA	32,000	16,000	450.518,688	4.496.763,316	382,1937	-0,2760681	0,9611381	40°37'12.7785"	-3°35'06.0199"
RECTA	8,000	48,000	450.509,853	4.496.794,072	378,9466	-0,3247114	0,9458132	40°37'13.7740"	-3°35'06.4046"
RECTA	32,000	56,000	450.507,256	4.496.801,639	378,5724	-0,3302652	0,9438882	40°37'14.0188"	-3°35'06.5173"
RECTA	28,000	88,000	450.496,687	4.496.831,843	379,1736	-0,3213370	0,9469649	40°37'14.9961"	-3°35'06.9756"
RECTA	60,000	116,000	450.487,690	4.496.858,358	379,2808	-0,3197419	0,9475047	40°37'15.8540"	-3°35'07.3661"
RECTA	32,000	176,000	450.468,505	4.496.915,209	381,3312	-0,2890634	0,9573100	40°37'17.6936"	-3°35'08.1987"
RECTA	40,000	208,000	450.459,255	4.496.945,843	381,3938	-0,2881226	0,9575935	40°37'18.6850"	-3°35'08.6010"
RECTA	8,000	248,000	450.447,730	4.496.984,146	396,9618	-0,0477051	0,9988615	40°37'19.9247"	-3°35'09.1024"
RECTA	12,000	256,000	450.447,349	4.496.992,137	379,2202	-0,3206434	0,9472000	40°37'20.1838"	-3°35'09.1209"
RECTA	56,000	268,000	450.443,501	4.497.003,504	381,9968	-0,2790394	0,9602796	40°37'20.5516"	-3°35'09.2879"
RECTA	20,000	324,000	450.427,875	4.497.057,279	380,9884	-0,2942148	0,9557393	40°37'22.2921"	-3°35'09.9682"
RECTA	4,000	344,000	450.421,990	4.497.076,394	366,7912	-0,4983052	0,8670017	40°37'22.9108"	-3°35'10.2241"
RECTA	28,000	348,000	450.419,997	4.497.079,862	380,7237	-0,2981854	0,9545080	40°37'23.0228"	-3°35'10.3099"
RECTA	12,000	376,000	450.411,648	4.497.106,588	376,9113	-0,3547778	0,9349506	40°37'23.8877"	-3°35'10.6728"
RECTA	64,000	388,000	450.407,391	4.497.117,808	381,0641	-0,2930785	0,9560884	40°37'24.2507"	-3°35'10.8572"
RECTA	44,000	452,000	450.388,634	4.497.178,997	380,5127	-0,3013479	0,9535142	40°37'26.2310"	-3°35'11.6729"
RECTA	4,000	496,000	450.375,374	4.497.220,952	383,2795	-0,2596355	0,9657067	40°37'27.5887"	-3°35'12.2492"
RECTA	16,000	500,000	450.374,336	4.497.224,815	385,5394	-0,2251987	0,9743128	40°37'27.7138"	-3°35'12.2944"
RECTA	4,000	516,000	450.370,733	4.497.240,404	376,4376	-0,3617253	0,9322847	40°37'28.2185"	-3°35'12.4522"
RECTA	52,000	520,000	450.369,286	4.497.244,133	378,7916	-0,3270126	0,9450200	40°37'28.3392"	-3°35'12.5149"
RECTA	16,000	572,000	450.352,281	4.497.293,274	377,2388	-0,3499641	0,9367631	40°37'29.9291"	-3°35'13.2526"
RECTA	40,000	588,000	450.346,682	4.497.308,262	375,9618	-0,3686820	0,9295556	40°37'30.4140"	-3°35'13.4952"
RECTA	20,000	628,000	450.331,934	4.497.345,444	368,6993	-0,4720987	0,8815457	40°37'31.6166"	-3°35'14.1334"
RECTA	72,000	648,000	450.322,492	4.497.363,075	365,0773	-0,5214634	0,8532737	40°37'32.1864"	-3°35'14.5403"
		720,000	450.284,947	4.497.424,511	365,0773			40°37'34.1706"	-3°35'16.1558"

1.11.- PANTALLA PT-11 (PP_A-1_28,5_DI_MI_1_4)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	56,000	0,000	450.313,782	4.497.419,876	361,8239	-0,5643686	0,8255229	40°37'34.0265"	-3°35'14.9272"
RECTA	4,000	56,000	450.282,177	4.497.466,105	364,7295	-0,5261163	0,8504126	40°37'35.5189"	-3°35'16.2856"
RECTA	4,000	60,000	450.280,073	4.497.469,507	369,7516	-0,4574633	0,8892285	40°37'35.6287"	-3°35'16.3761"
RECTA	4,000	64,000	450.278,243	4.497.473,064	372,2973	-0,4215498	0,9068053	40°37'35.7437"	-3°35'16.4550"
RECTA	4,000	68,000	450.276,557	4.497.476,691	378,8099	-0,3267415	0,9451137	40°37'35.8610"	-3°35'16.5278"
RECTA	4,000	72,000	450.275,250	4.497.480,472	386,6353	-0,2083930	0,9780452	40°37'35.9833"	-3°35'16.5845"
RECTA	4,000	76,000	450.274,416	4.497.484,384	393,6801	-0,0991090	0,9950766	40°37'36.1100"	-3°35'16.6211"
RECTA	4,000	80,000	450.274,020	4.497.488,364	397,8969	-0,0330292	0,9994544	40°37'36.2390"	-3°35'16.6391"
RECTA	4,000	84,000	450.273,888	4.497.492,362	2,7165	0,0426580	0,9990897	40°37'36.3686"	-3°35'16.6459"
RECTA	4,000	88,000	450.274,058	4.497.496,358	8,3050	0,1300848	0,9915029	40°37'36.4982"	-3°35'16.6397"
RECTA	4,000	92,000	450.274,579	4.497.500,324	14,1270	0,2200897	0,9754796	40°37'36.6270"	-3°35'16.6187"
		96,000	450.275,459	4.497.504,226	14,1270			40°37'36.7537"	-3°35'16.5823"

1.12.- PANTALLA PT-12 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 5 Y 6)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	32,000	0,000	450.231,939	4.497.538,202	396,5210	-0,0546210	0,9985072	40°37'37.8461"	-3°35'18.4444"
RECTA	4,000	32,000	450.230,191	4.497.570,154	5,1108	0,0801948	0,9967792	40°37'38.8819"	-3°35'18.5279"
RECTA	4,000	36,000	450.230,512	4.497.574,141	36,3604	0,5405984	0,8412808	40°37'39.0113"	-3°35'18.5154"
RECTA	16,000	40,000	450.232,674	4.497.577,506	394,8722	-0,0804608	0,9967578	40°37'39.1209"	-3°35'18.4243"
RECTA	20,000	56,000	450.231,387	4.497.593,454	390,0347	-0,1558965	0,9877734	40°37'39.6378"	-3°35'18.4836"
RECTA	4,000	76,000	450.228,269	4.497.613,210	392,6780	-0,1147610	0,9933931	40°37'40.2778"	-3°35'18.6220"
RECTA	44,000	80,000	450.227,810	4.497.617,183	399,3110	-0,0108223	0,9999414	40°37'40.4066"	-3°35'18.6426"
RECTA	28,000	124,000	450.227,333	4.497.661,181	396,3248	-0,0576978	0,9983341	40°37'41.8333"	-3°35'18.6754"
RECTA	8,000	152,000	450.225,718	4.497.689,134	376,9954	-0,3535429	0,9354183	40°37'42.7395"	-3°35'18.7522"
RECTA	40,000	160,000	450.222,890	4.497.696,617	380,7129	-0,2983470	0,9544575	40°37'42.9816"	-3°35'18.8747"
RECTA	488,000	200,000	450.210,956	4.497.734,796	380,4828	-0,3017962	0,9533725	40°37'44.2171"	-3°35'19.3935"
RECTA	4,000	688,000	450.063,679	4.498.200,041	379,8970	-0,3105560	0,9505551	40°37'59.2730"	-3°35'25.7953"
RECTA	12,000	692,000	450.062,437	4.498.203,844	352,1875	-0,6823971	0,7309816	40°37'59.3960"	-3°35'25.8493"
RECTA	4,000	704,000	450.054,248	4.498.212,615	353,7275	-0,6645165	0,7472736	40°37'59.6787"	-3°35'26.2004"
RECTA	4,000	708,000	450.051,590	4.498.215,604	342,4618	-0,7856888	0,6186220	40°37'59.7751"	-3°35'26.3144"
RECTA	8,000	712,000	450.048,447	4.498.218,079	343,3890	-0,7765957	0,6299992	40°37'59.8547"	-3°35'26.4489"
RECTA	16,000	720,000	450.042,235	4.498.223,119	338,4888	-0,8227410	0,5684165	40°38'00.0167"	-3°35'26.7148"
RECTA	16,000	736,000	450.029,071	4.498.232,214	338,9231	-0,8188441	0,5740159	40°38'00.3088"	-3°35'27.2777"
RECTA	16,000	752,000	450.015,969	4.498.241,398	340,5633	-0,8037844	0,5949207	40°38'00.6038"	-3°35'27.8381"
RECTA	28,000	768,000	450.003,109	4.498.250,917	337,1927	-0,8341421	0,5515496	40°38'00.9097"	-3°35'28.3882"
		796,000	449.979,753	4.498.266,360	337,1927			40°38'01.4054"	-3°35'29.3869"

1.13.- PANTALLA PT-13 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 7 Y 8)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	44,000	0,000	450.073,993	4.498.247,575	380,3878	-0,3032172	0,9529215	40°38'00.8168"	-3°35'25.3699"
RECTA	4,000	44,000	450.060,651	4.498.289,503	380,3917	-0,3031595	0,9529398	40°38'02.1736"	-3°35'25.9498"
RECTA	4,000	48,000	450.059,439	4.498.293,315	358,3745	-0,6082487	0,7937465	40°38'02.2970"	-3°35'26.0025"
RECTA	4,000	52,000	450.057,006	4.498.296,490	2,9969	0,0470585	0,9988921	40°38'02.3994"	-3°35'26.1069"
RECTA	8,000	56,000	450.057,194	4.498.300,486	380,0223	-0,3086831	0,9511649	40°38'02.5290"	-3°35'26.1001"
RECTA	52,000	64,000	450.054,724	4.498.308,095	380,4587	-0,3021558	0,9532586	40°38'02.7752"	-3°35'26.2074"
RECTA	12,000	116,000	450.039,012	4.498.357,664	379,9922	-0,3091336	0,9510186	40°38'04.3794"	-3°35'26.8904"
RECTA	4,000	128,000	450.035,303	4.498.369,077	385,0009	-0,2334313	0,9723733	40°38'04.7486"	-3°35'27.0516"
		132,000	450.034,369	4.498.372,966	385,0009			40°38'04.8746"	-3°35'27.0924"

1.14.- PANTALLA PT-14 (PP_A-1_28,5_DI_MI_1_9)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	28,000	0,000	450.014,773	4.498.398,952	393,8048	-0,0971610	0,9952687	40°38'05.7130"	-3°35'27.9340"
RECTA	4,000	28,000	450.012,052	4.498.426,820	389,3241	-0,1669118	0,9859718	40°38'06.6162"	-3°35'28.0578"
RECTA	4,000	32,000	450.011,385	4.498.430,764	384,3678	-0,2430898	0,9700038	40°38'06.7439"	-3°35'28.0874"
RECTA	12,000	36,000	450.010,412	4.498.434,644	382,0942	-0,2775699	0,9607054	40°38'06.8696"	-3°35'28.1299"
RECTA	28,000	48,000	450.007,081	4.498.446,172	380,4492	-0,3022990	0,9532131	40°38'07.2427"	-3°35'28.2750"
RECTA	12,000	76,000	449.998,617	4.498.472,862	381,6920	-0,2836336	0,9589327	40°38'08.1064"	-3°35'28.6429"
RECTA	8,000	88,000	449.995,213	4.498.484,369	392,0674	-0,1242827	0,9922468	40°38'08.4789"	-3°35'28.7911"
RECTA	32,000	96,000	449.994,219	4.498.492,307	380,7191	-0,2982554	0,9544861	40°38'08.7361"	-3°35'28.8357"
RECTA	32,000	128,000	449.984,675	4.498.522,851	380,5552	-0,3007108	0,9537154	40°38'09.7245"	-3°35'29.2507"
RECTA	16,000	160,000	449.975,052	4.498.553,370	377,3176	-0,3488031	0,9371960	40°38'10.7121"	-3°35'29.6691"
		176,000	449.969,471	4.498.568,365	377,3176			40°38'11.1972"	-3°35'29.9110"

1.15.- PANTALLA PT-15 (PP_A-1_35_DI_MI_1, SUBTRAMOS 1 A 3)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	0,000	448.305,960	4.502.736,401	1,6418	0,0257871	0,9996675	40°40'25.9968"	-3°36'41.9607"
RECTA	8,000	8,000	448.306,166	4.502.744,399	2,1800	0,0342374	0,9994137	40°40'26.2562"	-3°36'41.9543"
RECTA	8,000	16,000	448.306,440	4.502.752,394	3,2027	0,0502871	0,9987348	40°40'26.5155"	-3°36'41.9450"
RECTA	8,000	24,000	448.306,842	4.502.760,384	3,6962	0,0580269	0,9983150	40°40'26.7747"	-3°36'41.9302"
RECTA	4,000	32,000	448.307,306	4.502.768,370	4,1118	0,0645425	0,9979150	40°40'27.0338"	-3°36'41.9128"
RECTA	8,000	36,000	448.307,564	4.502.772,362	2,9825	0,0468319	0,9989028	40°40'27.1633"	-3°36'41.9030"
RECTA	8,000	44,000	448.307,939	4.502.780,353	1,0193	0,0160110	0,9998718	40°40'27.4226"	-3°36'41.8894"
RECTA	16,000	52,000	448.308,067	4.502.788,352	1,7005	0,0267083	0,9996433	40°40'27.6820"	-3°36'41.8863"
RECTA	4,000	68,000	448.308,495	4.502.804,347	18,8791	0,2922245	0,9563497	40°40'28.2008"	-3°36'41.8729"
RECTA	8,000	72,000	448.309,663	4.502.808,172	4,7875	0,0751317	0,9971736	40°40'28.3251"	-3°36'41.8242"
RECTA	16,000	80,000	448.310,264	4.502.816,149	4,8801	0,0765812	0,9970633	40°40'28.5839"	-3°36'41.8010"
RECTA	20,000	96,000	448.311,490	4.502.832,102	393,5154	-0,1016833	0,9948168	40°40'29.1016"	-3°36'41.7535"
RECTA	8,000	116,000	448.309,456	4.502.851,999	10,8899	0,1702250	0,9854052	40°40'29.7463"	-3°36'41.8460"
RECTA	8,000	124,000	448.310,818	4.502.859,882	30,4432	0,4601822	0,8878245	40°40'30.0023"	-3°36'41.7904"
		132,000	448.314,499	4.502.866,985	30,4432			40°40'30.2335"	-3°36'41.6357"

1.16.- PANTALLA PT-16 (PP_A-1_35_DI_MI_1_4)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	24,000	0,000	448.239,667	4.502.880,851	125,1538	0,9229522	-0,3849146	40°40'30.6662"	-3°36'44.8272"
RECTA	4,000	24,000	448.261,818	4.502.871,613	112,2123	0,9816571	-0,1906553	40°40'30.3717"	-3°36'43.8810"
RECTA	28,000	28,000	448.265,745	4.502.870,850	83,4097	0,9662355	0,2576606	40°40'30.3478"	-3°36'43.7135"
RECTA	4,000	56,000	448.292,799	4.502.878,064	381,2579	-0,2901653	0,9569766	40°40'30.5879"	-3°36'42.5633"
RECTA	8,000	60,000	448.291,639	4.502.881,892	11,0923	0,1733576	0,9848589	40°40'30.7118"	-3°36'42.6138"
RECTA	8,000	68,000	448.293,026	4.502.889,771	9,3513	0,1463615	0,9892312	40°40'30.9676"	-3°36'42.5571"
RECTA	4,000	76,000	448.294,197	4.502.897,685	9,7149	0,1520100	0,9883790	40°40'31.2245"	-3°36'42.5096"
RECTA	24,000	80,000	448.294,805	4.502.901,639	9,3705	0,1466606	0,9891869	40°40'31.3528"	-3°36'42.4848"
RECTA	12,000	104,000	448.298,324	4.502.925,379	8,6484	0,1354313	0,9907867	40°40'32.1235"	-3°36'42.3419"
RECTA	28,000	116,000	448.299,950	4.502.937,269	9,1402	0,1430810	0,9897110	40°40'32.5095"	-3°36'42.2762"
RECTA	36,000	144,000	448.303,956	4.502.964,980	9,2301	0,1444783	0,9895080	40°40'33.4091"	-3°36'42.1138"
RECTA	44,000	180,000	448.309,157	4.503.000,603	9,4304	0,1475917	0,9890484	40°40'34.5655"	-3°36'41.9028"
RECTA	12,000	224,000	448.315,651	4.503.044,121	9,4601	0,1480530	0,9889794	40°40'35.9782"	-3°36'41.6391"
		236,000	448.317,428	4.503.055,989	9,4601			40°40'36.3635"	-3°36'41.5669"

P

1.17.- ANTALLA PT-17 (PP_A-1_35_DI_MI_1_5)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	28,000	0,000	448.308,220	4.503.070,488	5,0491	0,0792283	0,9968565	40°40'36.8316"	-3°36'41.9634"
RECTA	16,000	28,000	448.310,439	4.503.098,400	5,0498	0,0792384	0,9968557	40°40'37.7373"	-3°36'41.8772"
RECTA	16,000	44,000	448.311,706	4.503.114,350	6,6385	0,1040883	0,9945681	40°40'38.2548"	-3°36'41.8279"
RECTA	36,000	60,000	448.313,372	4.503.130,263	3,8994	0,0612134	0,9981247	40°40'38.7712"	-3°36'41.7617"
RECTA	20,000	96,000	448.315,576	4.503.166,195	4,3308	0,0679762	0,9976869	40°40'39.9370"	-3°36'41.6785"
RECTA	12,000	116,000	448.316,935	4.503.186,149	8,3197	0,1303144	0,9914727	40°40'40.5844"	-3°36'41.6265"
RECTA	24,000	128,000	448.318,499	4.503.198,047	5,1177	0,0803023	0,9967706	40°40'40.9706"	-3°36'41.5634"
RECTA	8,000	152,000	448.320,426	4.503.221,969	3,8792	0,0608965	0,9981441	40°40'41.7468"	-3°36'41.4884"
RECTA	8,000	160,000	448.320,913	4.503.229,954	4,5885	0,0720141	0,9974036	40°40'42.0059"	-3°36'41.4700"
RECTA	12,000	168,000	448.321,489	4.503.237,933	6,5612	0,1028803	0,9946937	40°40'42.2648"	-3°36'41.4479"
		180,000	448.322,724	4.503.249,870	6,5612			40°40'42.6521"	-3°36'41.3988"

1.18.- PANTALLA PT-18 (PP_A-1_35_DI_MI_1_6)

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	56,000	0,000	448.336,257	4.503.239,056	5,2134	0,0817998	0,9966488	40°40'42.3045"	-3°36'40.8191"
RECTA	8,000	56,000	448.340,838	4.503.294,869	384,8158	-0,2362577	0,9716904	40°40'44.1155"	-3°36'40.6405"
RECTA	8,000	64,000	448.338,948	4.503.302,642	5,2972	0,0831124	0,9965402	40°40'44.3672"	-3°36'40.7234"
RECTA	16,000	72,000	448.339,613	4.503.310,615	15,4622	0,2404989	0,9706494	40°40'44.6259"	-3°36'40.6974"
RECTA	32,000	88,000	448.343,461	4.503.326,145	5,5223	0,0866350	0,9962401	40°40'45.1304"	-3°36'40.5381"
RECTA	24,000	120,000	448.346,233	4.503.358,025	4,3959	0,0689954	0,9976170	40°40'46.1649"	-3°36'40.4294"
RECTA	8,000	144,000	448.347,889	4.503.381,967	393,9988	-0,0941275	0,9955602	40°40'46.9417"	-3°36'40.3660"
RECTA	8,000	152,000	448.347,136	4.503.389,932	16,1413	0,2508386	0,9680289	40°40'47.1998"	-3°36'40.4004"
RECTA	20,000	160,000	448.349,143	4.503.397,676	4,7637	0,0747581	0,9972017	40°40'47.4514"	-3°36'40.3172"
RECTA	36,000	180,000	448.350,638	4.503.417,620	5,9224	0,0928954	0,9956759	40°40'48.0985"	-3°36'40.2595"
RECTA	24,000	216,000	448.353,982	4.503.453,464	4,2859	0,0672721	0,9977347	40°40'49.2617"	-3°36'40.1276"
RECTA	16,000	240,000	448.355,596	4.503.477,410	397,8501	-0,0337636	0,9994298	40°40'50.0386"	-3°36'40.0659"
RECTA	8,000	256,000	448.355,056	4.503.493,401	397,0672	-0,0460526	0,9989390	40°40'50.5571"	-3°36'40.0937"
RECTA	16,000	264,000	448.354,688	4.503.501,393	5,3960	0,0846589	0,9964100	40°40'50.8161"	-3°36'40.1117"
RECTA	16,000	280,000	448.356,042	4.503.517,335	3,3035	0,0518686	0,9986539	40°40'51.3335"	-3°36'40.0588"
RECTA	20,000	296,000	448.356,872	4.503.533,314	4,8748	0,0764980	0,9970697	40°40'51.8518"	-3°36'40.0281"
RECTA	28,000	316,000	448.358,402	4.503.553,255	4,9226	0,0772471	0,9970120	40°40'52.4989"	-3°36'39.9689"
RECTA	16,000	344,000	448.360,565	4.503.581,171	399,7682	-0,0036414	0,9999934	40°40'53.4047"	-3°36'39.8850"
RECTA	12,000	360,000	448.360,507	4.503.597,171	386,5710	-0,2093815	0,9778340	40°40'53.9235"	-3°36'39.8922"
RECTA	16,000	372,000	448.357,994	4.503.608,905	388,5268	-0,1792460	0,9838043	40°40'54.3035"	-3°36'40.0027"
RECTA	16,000	388,000	448.355,126	4.503.624,646	7,9306	0,1242513	0,9922508	40°40'54.8133"	-3°36'40.1296"
RECTA	16,000	404,000	448.357,114	4.503.640,522	1,8267	0,0286896	0,9995884	40°40'55.3286"	-3°36'40.0496"
RECTA	36,000	420,000	448.357,573	4.503.656,515	6,2640	0,0982357	0,9951632	40°40'55.8474"	-3°36'40.0348"
RECTA	32,000	456,000	448.361,110	4.503.692,341	5,5942	0,0877609	0,9961416	40°40'57.0100"	-3°36'39.8947"
RECTA	24,000	488,000	448.363,918	4.503.724,218	8,4122	0,1317550	0,9912823	40°40'58.0444"	-3°36'39.7845"
RECTA	12,000	512,000	448.367,080	4.503.748,009	6,7642	0,1060512	0,9943607	40°40'58.8166"	-3°36'39.6569"
RECTA	20,000	524,000	448.368,353	4.503.759,941	15,5765	0,2422405	0,9702162	40°40'59.2038"	-3°36'39.6062"

TIPO	LONGITUD	P.K.	X TANGENCIA	Y TANGENCIA	AZIMUT	Cos/Xc/Xinf	Sen/Yc/Yinf	Latitud (N)	Longitud (E)
RECTA	8,000	544,000	448.373,198	4.503.779,345	32,7026	0,4913959	0,8709363	40°40'59.8342"	-3°36'39.4056"
RECTA	40,000	552,000	448.377,129	4.503.786,313	399,0462	-0,0149819	0,9998878	40°41'00.0611"	-3°36'39.2402"
RECTA	60,000	592,000	448.376,530	4.503.826,308	27,7838	0,4227038	0,9062679	40°41'01.3580"	-3°36'39.2775"
RECTA	52,000	652,000	448.401,892	4.503.880,684	41,8632	0,6112075	0,7914704	40°41'03.1271"	-3°36'38.2132"
		704,000	448.433,675	4.503.921,841	41,8632			40°41'04.4689"	-3°36'36.8714"

APÉNDICE Nº2: LISTADOS DE REPLANTEO

ÍNDICE

1.- LISTADOS DE REPLANTEO	5
1.1.- PANTALLA PT-1 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 1 A 5)	5
1.2.- PANTALLA PT-2 (PP_A-1_24,9_I_MI_1_06)	8
1.3.- PANTALLA PT-3 (PP_A-1_24,9_I_MI_1_07)	8
1.4.- PANTALLA PT-4 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 8 A 10)	9
1.5.- PANTALLA PT-5 (PP_A-1_26_I_MI_1_1)	12
1.6.- PANTALLA PT-6 (PP_A-1_26_I_MI_1_2)	12
1.7.- PANTALLA PT-7 (PP_A-1_26_I_MI_2, SUBTRAMOS 1 Y 2)	13
1.8.- PANTALLA PT-8 (PP_A-1_26_I_MI_2_3)	19
1.9.- PANTALLA PT-9 (PP_A-1_26_I_MI_2_4)	19
1.10.- PANTALLA PT-10 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 1 A 3)	20
1.11.- PANTALLA PT-11 (PP_A-1_28,5_DI_MI_1_4).....	25
1.12.- PANTALLA PT-12 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 5 Y 6)	26
1.13.- PANTALLA PT-13 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 7 Y 8)	31
1.14.- PANTALLA PT-14 (PP_A-1_28,5_DI_MI_1_9).....	32
1.15.- PANTALLA PT-15 (PP_A-1_35_DI_MI_1, SUBTRAMOS 1 A 3)	33
1.16.- PANTALLA PT-16 (PP_A-1_35_DI_MI_1_4).....	34
1.17.- PANTALLA PT-17 (PP_A-1_35_DI_MI_1_5).....	36
1.18.- PANTALLA PT-18 (PP_A-1_35_DI_MI_1_6).....	38

1.- LISTADOS DE REPLANTEO

Se incluyen a continuación listados de replanteo de las pantallas cada 4m, longitud correspondiente a cada paño de construcción de las mismas.

1.1.- PANTALLA PT-1 (PP_A-1_24,9_I_MI_1, SUBTRAMOS 1 A 5)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.564,274	4.493.022,514	9,958778	600,150	40°35'11.4733"	-3°35'03.0233"	40,5865203607	-3,5841731183
RECTA	4,000	450.564,898	4.493.026,465	9,958778	600,200	40°35'11.6016"	-3°35'02.9979"	40,5865559916	-3,5841660644
RECTA	8,000	450.565,521	4.493.030,417	11,707785	600,268	40°35'11.7299"	-3°35'02.9725"	40,5865916226	-3,5841590104
RECTA	8,000	450.565,521	4.493.030,417	11,707785	600,268	40°35'11.7299"	-3°35'02.9725"	40,5865916226	-3,5841590104
RECTA	12,000	450.566,252	4.493.034,349	11,707785	600,281	40°35'11.8576"	-3°35'02.9425"	40,5866270923	-3,5841506753
RECTA	16,000	450.566,984	4.493.038,282	11,707785	600,277	40°35'11.9853"	-3°35'02.9125"	40,5866625621	-3,5841423401
RECTA	20,000	450.567,715	4.493.042,214	11,707785	600,395	40°35'12.1130"	-3°35'02.8825"	40,5866980318	-3,5841340050
RECTA	24,000	450.568,447	4.493.046,147	11,707785	600,453	40°35'12.2406"	-3°35'02.8524"	40,5867335015	-3,5841256698
RECTA	28,000	450.569,178	4.493.050,079	18,193914	600,472	40°35'12.3683"	-3°35'02.8224"	40,5867689713	-3,5841173346
RECTA	28,000	450.569,178	4.493.050,079	18,193914	600,472	40°35'12.3683"	-3°35'02.8224"	40,5867689713	-3,5841173346
RECTA	32,000	450.570,306	4.493.053,917	18,193914	600,500	40°35'12.4930"	-3°35'02.7756"	40,5868036108	-3,5841043107
RECTA	36,000	450.571,434	4.493.057,755	18,193914	600,500	40°35'12.6177"	-3°35'02.7287"	40,5868382503	-3,5840912867
RECTA	36,000	450.571,434	4.493.057,755	3,219732	600,500	40°35'12.6177"	-3°35'02.7287"	40,5868382503	-3,5840912867
RECTA	40,000	450.571,636	4.493.061,750	3,219732	600,510	40°35'12.7473"	-3°35'02.7212"	40,5868742500	-3,5840892104
RECTA	44,000	450.571,838	4.493.065,745	12,214294	600,505	40°35'12.8769"	-3°35'02.7137"	40,5869102496	-3,5840871340
RECTA	44,000	450.571,838	4.493.065,745	12,214294	600,505	40°35'12.8769"	-3°35'02.7137"	40,5869102496	-3,5840871340
RECTA	48,000	450.572,601	4.493.069,671	8,953528	600,545	40°35'13.0044"	-3°35'02.6824"	40,5869456677	-3,5840784289
RECTA	48,000	450.572,601	4.493.069,671	8,953528	600,545	40°35'13.0044"	-3°35'02.6824"	40,5869456677	-3,5840784289
RECTA	52,000	450.573,161	4.493.073,632	8,953528	600,617	40°35'13.1330"	-3°35'02.6596"	40,5869813791	-3,5840721137
RECTA	56,000	450.573,722	4.493.077,592	11,459340	600,727	40°35'13.2616"	-3°35'02.6369"	40,5870170904	-3,5840657985
RECTA	56,000	450.573,722	4.493.077,592	11,459340	600,727	40°35'13.2616"	-3°35'02.6369"	40,5870170905	-3,5840657985
RECTA	60,000	450.574,438	4.493.081,528	11,459340	600,628	40°35'13.3893"	-3°35'02.6076"	40,5870525847	-3,5840576449
RECTA	64,000	450.575,154	4.493.085,463	11,459340	600,514	40°35'13.5171"	-3°35'02.5782"	40,5870880790	-3,5840494913
RECTA	68,000	450.575,871	4.493.089,398	11,164612	600,540	40°35'13.6449"	-3°35'02.5489"	40,5871235732	-3,5840413377
RECTA	68,000	450.575,871	4.493.089,398	11,164612	600,540	40°35'13.6449"	-3°35'02.5489"	40,5871235732	-3,5840413377
RECTA	72,000	450.576,568	4.493.093,337	11,164612	600,612	40°35'13.7728"	-3°35'02.5203"	40,5871590959	-3,5840333997
RECTA	76,000	450.577,266	4.493.097,276	11,164612	600,617	40°35'13.9007"	-3°35'02.4917"	40,5871946186	-3,5840254617
RECTA	80,000	450.577,964	4.493.101,214	10,865184	600,621	40°35'14.0285"	-3°35'02.4631"	40,5872301412	-3,5840175236
RECTA	80,000	450.577,964	4.493.101,214	10,865184	600,621	40°35'14.0285"	-3°35'02.4631"	40,5872301412	-3,5840175236
RECTA	84,000	450.578,644	4.493.105,156	10,865184	600,610	40°35'14.1565"	-3°35'02.4353"	40,5872656919	-3,5840098049
RECTA	88,000	450.579,323	4.493.109,098	10,865184	600,615	40°35'14.2845"	-3°35'02.4075"	40,5873012427	-3,5840020861
RECTA	92,000	450.580,002	4.493.113,040	10,865184	600,720	40°35'14.4125"	-3°35'02.3798"	40,5873367934	-3,5839943673
RECTA	96,000	450.580,682	4.493.116,982	11,290419	600,743	40°35'14.5405"	-3°35'02.3520"	40,5873723441	-3,5839866485
RECTA	96,000	450.580,682	4.493.116,982	11,290419	600,743	40°35'14.5405"	-3°35'02.3520"	40,5873723441	-3,5839866485
RECTA	100,000	450.581,387	4.493.120,919	11,290419	600,759	40°35'14.6683"	-3°35'02.3231"	40,5874078548	-3,5839786183
RECTA	104,000	450.582,093	4.493.124,856	11,290419	600,883	40°35'14.7962"	-3°35'02.2942"	40,5874433654	-3,5839705882
RECTA	108,000	450.582,799	4.493.128,794	11,290419	600,954	40°35'14.9240"	-3°35'02.2652"	40,5874788760	-3,5839625581
RECTA	112,000	450.583,504	4.493.132,731	11,290419	600,991	40°35'15.0518"	-3°35'02.2363"	40,5875143866	-3,5839545279

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	116,000	450.584,210	4.493.136,668	11,290419	601,052	40°35'15.1797"	-3°35'02.2074"	40,5875498972	-3,5839464977
RECTA	120,000	450.584,916	4.493.140,605	21,072499	601,150	40°35'15.3075"	-3°35'02.1785"	40,5875854079	-3,5839384676
RECTA	120,000	450.584,916	4.493.140,605	21,072499	601,150	40°35'15.3075"	-3°35'02.1785"	40,5875854079	-3,5839384676
RECTA	124,000	450.586,216	4.493.144,388	21,072499	601,133	40°35'15.4305"	-3°35'02.1243"	40,5876195631	-3,5839234029
RECTA	128,000	450.587,516	4.493.148,171	390,803911	601,033	40°35'15.5534"	-3°35'02.0701"	40,5876537184	-3,5839083382
RECTA	128,000	450.587,516	4.493.148,171	390,803911	601,033	40°35'15.5534"	-3°35'02.0701"	40,5876537184	-3,5839083382
RECTA	132,000	450.586,940	4.493.152,130	8,793780	601,165	40°35'15.6817"	-3°35'02.0957"	40,5876893424	-3,5839154522
RECTA	132,000	450.586,940	4.493.152,130	8,793780	601,165	40°35'15.6817"	-3°35'02.0957"	40,5876893424	-3,5839154522
RECTA	136,000	450.587,491	4.493.156,091	9,868566	601,229	40°35'15.8103"	-3°35'02.0734"	40,5877250657	-3,5839092544
RECTA	136,000	450.587,491	4.493.156,091	9,868566	601,229	40°35'15.8103"	-3°35'02.0734"	40,5877250657	-3,5839092544
RECTA	140,000	450.588,108	4.493.160,043	9,868566	601,410	40°35'15.9386"	-3°35'02.0482"	40,5877607042	-3,5839022665
RECTA	144,000	450.588,726	4.493.163,995	10,229176	601,500	40°35'16.0669"	-3°35'02.0230"	40,5877963427	-3,5838952785
RECTA	144,000	450.588,726	4.493.163,995	10,229176	601,500	40°35'16.0669"	-3°35'02.0230"	40,5877963427	-3,5838952785
RECTA	148,000	450.589,366	4.493.167,944	10,229176	601,500	40°35'16.1951"	-3°35'01.9969"	40,5878319504	-3,5838880259
RECTA	152,000	450.590,006	4.493.171,892	10,414695	601,500	40°35'16.3232"	-3°35'01.9708"	40,5878675581	-3,5838807732
RECTA	152,000	450.590,006	4.493.171,892	10,414695	601,500	40°35'16.3232"	-3°35'01.9708"	40,5878675581	-3,5838807732
RECTA	156,000	450.590,657	4.493.175,839	10,414695	601,470	40°35'16.4514"	-3°35'01.9442"	40,5879031496	-3,5838733844
RECTA	160,000	450.591,309	4.493.179,786	10,414695	601,500	40°35'16.5795"	-3°35'01.9176"	40,5879387411	-3,5838659957
RECTA	164,000	450.591,960	4.493.183,732	10,641430	601,515	40°35'16.7076"	-3°35'01.8910"	40,5879743325	-3,5838586069
RECTA	164,000	450.591,960	4.493.183,732	10,641430	601,515	40°35'16.7076"	-3°35'01.8910"	40,5879743325	-3,5838586069
RECTA	168,000	450.592,626	4.493.187,676	10,641430	601,604	40°35'16.8357"	-3°35'01.8638"	40,5880099037	-3,5838510519
RECTA	172,000	450.593,291	4.493.191,621	10,641430	601,641	40°35'16.9637"	-3°35'01.8366"	40,5880454749	-3,5838434969
RECTA	172,000	450.593,291	4.493.191,621	9,181905	601,641	40°35'16.9637"	-3°35'01.8366"	40,5880454749	-3,5838434969
RECTA	176,000	450.593,866	4.493.195,579	9,181905	601,655	40°35'17.0922"	-3°35'01.8133"	40,5880811687	-3,5838370135
RECTA	180,000	450.594,441	4.493.199,538	10,114376	601,731	40°35'17.2207"	-3°35'01.7899"	40,5881168626	-3,5838305301
RECTA	180,000	450.594,441	4.493.199,538	10,114376	601,731	40°35'17.2207"	-3°35'01.7899"	40,5881168626	-3,5838305301
RECTA	184,000	450.595,074	4.493.203,487	10,114376	601,757	40°35'17.3490"	-3°35'01.7641"	40,5881524802	-3,5838233616
RECTA	188,000	450.595,707	4.493.207,437	10,114376	601,782	40°35'17.4772"	-3°35'01.7383"	40,5881880979	-3,5838161931
RECTA	192,000	450.596,340	4.493.211,387	10,114376	601,815	40°35'17.6054"	-3°35'01.7125"	40,5882237155	-3,5838090246
RECTA	196,000	450.596,972	4.493.215,336	10,114376	601,666	40°35'17.7336"	-3°35'01.6867"	40,5882593332	-3,5838018561
RECTA	200,000	450.597,605	4.493.219,286	10,114376	601,592	40°35'17.8619"	-3°35'01.6609"	40,5882949508	-3,5837946876
RECTA	200,000	450.597,605	4.493.219,286	8,593041	601,592	40°35'17.8619"	-3°35'01.6609"	40,5882949508	-3,5837946876
RECTA	204,000	450.598,144	4.493.223,249	8,593041	601,454	40°35'17.9905"	-3°35'01.6391"	40,5883306888	-3,5837886375
RECTA	208,000	450.598,682	4.493.227,213	8,593041	601,719	40°35'18.1192"	-3°35'01.6174"	40,5883664269	-3,5837825874
RECTA	212,000	450.599,220	4.493.231,177	36,439475	602,040	40°35'18.2478"	-3°35'01.5956"	40,5884021649	-3,5837765373
RECTA	212,000	450.599,220	4.493.231,177	36,439475	602,040	40°35'18.2478"	-3°35'01.5956"	40,5884021649	-3,5837765372
RECTA	216,000	450.601,387	4.493.234,539	10,818433	601,860	40°35'18.3573"	-3°35'01.5044"	40,5884325845	-3,5837511992
RECTA	216,000	450.601,387	4.493.234,539	10,818433	601,860	40°35'18.3573"	-3°35'01.5044"	40,5884325845	-3,5837511992
RECTA	220,000	450.602,063	4.493.238,481	10,818433	601,832	40°35'18.4853"	-3°35'01.4767"	40,5884681396	-3,5837435144
RECTA	224,000	450.602,740	4.493.242,424	10,818433	601,786	40°35'18.6133"	-3°35'01.4490"	40,5885036946	-3,5837358296
RECTA	228,000	450.603,416	4.493.246,366	364,999406	601,837	40°35'18.7413"	-3°35'01.4214"	40,5885392496	-3,5837281448
RECTA	228,000	450.603,416	4.493.246,366	364,999406	601,837	40°35'18.7413"	-3°35'01.4214"	40,5885392496	-3,5837281448
RECTA	232,000	450.601,326	4.493.249,777	312,381690	602,137	40°35'18.8515"	-3°35'01.5112"	40,5885698484	-3,5837531089
RECTA	232,000	450.601,326	4.493.249,777	312,381690	602,137	40°35'18.8515"	-3°35'01.5112"	40,5885698484	-3,5837531089

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	236,000	450.597,401	4.493.250,550	10,774847	602,296	40°35'18.8757"	-3°35'01.6784"	40,5885765781	-3,5837995447
RECTA	236,000	450.597,401	4.493.250,550	10,774847	602,296	40°35'18.8757"	-3°35'01.6784"	40,5885765781	-3,5837995447
RECTA	240,000	450.598,075	4.493.254,493	10,774847	602,436	40°35'19.0037"	-3°35'01.6508"	40,5886121371	-3,5837918918
RECTA	244,000	450.598,749	4.493.258,435	10,732216	602,449	40°35'19.1317"	-3°35'01.6233"	40,5886476961	-3,5837842390
RECTA	244,000	450.598,749	4.493.258,435	10,732216	602,449	40°35'19.1317"	-3°35'01.6233"	40,5886476962	-3,5837842390
RECTA	248,000	450.599,420	4.493.262,379	10,732216	602,440	40°35'19.2598"	-3°35'01.5959"	40,5886832591	-3,5837766173
RECTA	252,000	450.600,091	4.493.266,322	10,631465	602,516	40°35'19.3878"	-3°35'01.5684"	40,5887188220	-3,5837689957
RECTA	252,000	450.600,091	4.493.266,322	10,631465	602,516	40°35'19.3878"	-3°35'01.5684"	40,5887188220	-3,5837689957
RECTA	256,000	450.600,756	4.493.270,266	12,692735	602,516	40°35'19.5159"	-3°35'01.5412"	40,5887543940	-3,5837614478
RECTA	256,000	450.600,756	4.493.270,266	12,692735	602,516	40°35'19.5159"	-3°35'01.5412"	40,5887543941	-3,5837614478
RECTA	260,000	450.601,548	4.493.274,187	24,276004	602,511	40°35'19.6432"	-3°35'01.5087"	40,5887897612	-3,5837523934
RECTA	260,000	450.601,548	4.493.274,187	24,276004	602,511	40°35'19.6432"	-3°35'01.5087"	40,5887897612	-3,5837523934
RECTA	264,000	450.603,037	4.493.277,900	24,276004	602,532	40°35'19.7639"	-3°35'01.4464"	40,5888232955	-3,5837350939
RECTA	268,000	450.604,526	4.493.281,613	24,276004	602,534	40°35'19.8846"	-3°35'01.3841"	40,5888568298	-3,5837177943
RECTA	272,000	450.606,014	4.493.285,325	10,381155	602,562	40°35'20.0054"	-3°35'01.3218"	40,5888903641	-3,5837004948
RECTA	272,000	450.606,014	4.493.285,325	10,381155	602,562	40°35'20.0054"	-3°35'01.3218"	40,5888903642	-3,5837004948
RECTA	276,000	450.606,664	4.493.289,272	10,381155	602,610	40°35'20.1335"	-3°35'01.2953"	40,5889259586	-3,5836931304
RECTA	280,000	450.607,313	4.493.293,219	10,381155	602,541	40°35'20.2616"	-3°35'01.2688"	40,5889615530	-3,5836857661
RECTA	284,000	450.607,962	4.493.297,166	9,729705	602,553	40°35'20.3898"	-3°35'01.2423"	40,5889971474	-3,5836784017
RECTA	284,000	450.607,962	4.493.297,166	9,729705	602,553	40°35'20.3898"	-3°35'01.2423"	40,5889971474	-3,5836784017
RECTA	288,000	450.608,571	4.493.301,119	9,729705	602,555	40°35'20.5181"	-3°35'01.2175"	40,5890327974	-3,5836715155
RECTA	292,000	450.609,180	4.493.305,073	9,729705	602,694	40°35'20.6464"	-3°35'01.1927"	40,5890684474	-3,5836646292
RECTA	296,000	450.609,789	4.493.309,026	9,729705	602,890	40°35'20.7748"	-3°35'01.1679"	40,5891040974	-3,5836577430
RECTA	300,000	450.610,398	4.493.312,980	23,588366	603,014	40°35'20.9031"	-3°35'01.1431"	40,5891397474	-3,5836508568
RECTA	300,000	450.610,398	4.493.312,980	23,588366	603,014	40°35'20.9031"	-3°35'01.1431"	40,5891397474	-3,5836508568
RECTA	304,000	450.611,847	4.493.316,708	8,486039	602,832	40°35'21.0244"	-3°35'01.0826"	40,5891734222	-3,5836340332
RECTA	304,000	450.611,847	4.493.316,708	8,486039	602,832	40°35'21.0244"	-3°35'01.0826"	40,5891734222	-3,5836340332
RECTA	308,000	450.612,378	4.493.320,673	393,446431	602,889	40°35'21.1530"	-3°35'01.0611"	40,5892091679	-3,5836280618
RECTA	308,000	450.612,378	4.493.320,673	393,446431	602,889	40°35'21.1530"	-3°35'01.0611"	40,5892091679	-3,5836280618
RECTA	312,000	450.611,967	4.493.324,651	9,000472	603,069	40°35'21.2820"	-3°35'01.0797"	40,5892449863	-3,5836332306
RECTA	312,000	450.611,967	4.493.324,651	9,000472	603,069	40°35'21.2820"	-3°35'01.0797"	40,5892449863	-3,5836332306
RECTA	316,000	450.612,531	4.493.328,612	9,000472	603,385	40°35'21.4105"	-3°35'01.0568"	40,5892806940	-3,5836268804
RECTA	320,000	450.613,094	4.493.332,572	9,000472	603,500	40°35'21.5391"	-3°35'01.0339"	40,5893164018	-3,5836205303
RECTA	324,000	450.613,658	4.493.336,532	9,000472	603,337	40°35'21.6676"	-3°35'01.0111"	40,5893521096	-3,5836141801
RECTA	328,000	450.614,222	4.493.340,492	17,651012	603,583	40°35'21.7962"	-3°35'00.9882"	40,5893878174	-3,5836078299
RECTA	328,000	450.614,222	4.493.340,492	17,651012	603,583	40°35'21.7962"	-3°35'00.9882"	40,5893878174	-3,5836078299
RECTA	332,000	450.615,317	4.493.344,339	48,753432	603,584	40°35'21.9212"	-3°35'00.9427"	40,5894225402	-3,5835951932
RECTA	332,000	450.615,317	4.493.344,339	48,753432	603,584	40°35'21.9212"	-3°35'00.9427"	40,5894225403	-3,5835951931
RECTA	336,000	450.618,089	4.493.347,222	22,847173	603,161	40°35'22.0153"	-3°35'00.8256"	40,5894486794	-3,5835626569
RECTA	336,000	450.618,089	4.493.347,222	22,847173	603,161	40°35'22.0153"	-3°35'00.8256"	40,5894486794	-3,5835626569
RECTA	340,000	450.619,494	4.493.350,967	15,081894	603,197	40°35'22.1370"	-3°35'00.7669"	40,5894825012	-3,5835463487
RECTA	340,000	450.619,494	4.493.350,967	15,081894	603,197	40°35'22.1370"	-3°35'00.7669"	40,5894825012	-3,5835463487
RECTA	344,000	450.620,433	4.493.354,856	15,081894	603,249	40°35'22.2633"	-3°35'00.7281"	40,5895175845	-3,5835355598
RECTA	348,000	450.621,372	4.493.358,744	388,554258	603,143	40°35'22.3896"	-3°35'00.6892"	40,5895526677	-3,5835247709

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	348,000	450.621,372	4.493.358,744	388,554258	603,143	40°35'22.3896"	-3°35'00.6892"	40,5895526677	-3,5835247709
RECTA	352,000	450.620,656	4.493.362,680	8,527952	603,500	40°35'22.5171"	-3°35'00.7207"	40,5895880778	-3,5835335315
RECTA	352,000	450.620,656	4.493.362,680	8,527952	603,500	40°35'22.5171"	-3°35'00.7207"	40,5895880778	-3,5835335315
RECTA	356,000	450.621,191	4.493.366,644	13,319076	603,506	40°35'22.6458"	-3°35'00.6991"	40,5896238206	-3,5835275290
RECTA	356,000	450.621,191	4.493.366,644	13,319076	603,506	40°35'22.6458"	-3°35'00.6991"	40,5896238206	-3,5835275290
RECTA	360,000	450.622,021	4.493.370,556	13,319076	603,500	40°35'22.7729"	-3°35'00.6649"	40,5896591181	-3,5835180184
RECTA	364,000	450.622,852	4.493.374,469	38,248705	603,500	40°35'22.8999"	-3°35'00.6307"	40,5896944156	-3,5835085077
RECTA	364,000	450.622,852	4.493.374,469	38,248705	603,500	40°35'22.8999"	-3°35'00.6307"	40,5896944156	-3,5835085077
RECTA	368,000	450.625,113	4.493.377,769	14,417799	603,500	40°35'23.0074"	-3°35'00.5354"	40,5897242739	-3,5834820455
RECTA	368,000	450.625,113	4.493.377,769	14,417799	603,500	40°35'23.0074"	-3°35'00.5354"	40,5897242739	-3,5834820455
RECTA	372,000	450.626,012	4.493.381,667	379,079732	288,007	40°35'23.1340"	-3°35'00.4983"	40,5897594410	-3,5834717371
RECTA	372,000	450.626,012	4.493.381,667	379,079732	288,007	40°35'23.1340"	-3°35'00.4983"	40,5897594411	-3,5834717371
RECTA	376,000	450.624,721	4.493.385,453	15,496462	603,470	40°35'23.2565"	-3°35'00.5543"	40,5897934695	-3,5834872882
RECTA	376,000	450.624,721	4.493.385,453	15,496462	603,470	40°35'23.2565"	-3°35'00.5543"	40,5897934695	-3,5834872882
RECTA	380,000	450.625,685	4.493.389,335	15,496462	603,542	40°35'23.3826"	-3°35'00.5144"	40,5898284984	-3,5834761998
RECTA	384,000	450.626,649	4.493.393,217	15,496462	603,619	40°35'23.5087"	-3°35'00.4744"	40,5898635273	-3,5834651113

1.2.- PANTALLA PT-2 (PP_A-1_24,9_I_MI_1_06)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.618,837	4.493.394,931	14,624082	604,115	40°35'23.5627"	-3°35'00.8072"	40,5898785075	-3,5835575540
RECTA	4,000	450.619,748	4.493.398,826	14,624082	604,038	40°35'23.6892"	-3°35'00.7696"	40,5899136489	-3,5835470963
RECTA	8,000	450.620,659	4.493.402,721	14,624082	603,968	40°35'23.8157"	-3°35'00.7319"	40,5899487904	-3,5835366385
RECTA	12,000	450.621,570	4.493.406,616	14,624082	603,982	40°35'23.9422"	-3°35'00.6943"	40,5899839319	-3,5835261808
RECTA	12,000	450.621,570	4.493.406,616	14,624082	603,982	40°35'23.9422"	-3°35'00.6943"	40,5899839319	-3,5835261808

1.3.- PANTALLA PT-3 (PP_A-1_24,9_I_MI_1_07)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.614,266	4.493.409,228	314,164452	604,000	40°35'24.0253"	-3°35'01.0057"	40,5900070244	-3,5836126912
RECTA	4,000	450.610,365	4.493.410,111	314,164452	604,057	40°35'24.0531"	-3°35'01.1719"	40,5900147427	-3,5836588626
RECTA	8,000	450.606,463	4.493.410,993	314,164452	604,161	40°35'24.0809"	-3°35'01.3382"	40,5900224611	-3,5837050340
RECTA	8,000	450.606,463	4.493.410,993	325,269262	604,161	40°35'24.0809"	-3°35'01.3382"	40,5900224611	-3,5837050340
RECTA	12,000	450.602,774	4.493.412,540	325,269262	604,303	40°35'24.1303"	-3°35'01.4955"	40,5900361710	-3,5837487476
RECTA	16,000	450.599,085	4.493.414,086	325,269262	604,415	40°35'24.1796"	-3°35'01.6529"	40,5900498808	-3,5837924613
RECTA	16,000	450.599,085	4.493.414,086	0,632986	604,415	40°35'24.1796"	-3°35'01.6529"	40,5900498808	-3,5837924613
RECTA	20,000	450.599,125	4.493.418,086	0,632986	604,437	40°35'24.3093"	-3°35'01.6523"	40,5900859150	-3,5837923047
RECTA	24,000	450.599,165	4.493.422,086	0,632986	604,484	40°35'24.4391"	-3°35'01.6518"	40,5901219493	-3,5837921481
RECTA	28,000	450.599,204	4.493.426,085	0,632986	604,589	40°35'24.5688"	-3°35'01.6512"	40,5901579835	-3,5837919914
RECTA	32,000	450.599,244	4.493.430,085	0,632986	604,887	40°35'24.6985"	-3°35'01.6506"	40,5901940178	-3,5837918348
RECTA	36,000	450.599,284	4.493.434,085	0,632986	604,891	40°35'24.8282"	-3°35'01.6501"	40,5902300520	-3,5837916782

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	40,000	450.599,324	4.493.438,085	0,632986	604,965	40°35'24.9579"	-3°35'01.6495"	40,5902660863	-3,5837915216
RECTA	44,000	450.599,363	4.493.442,085	0,632986	605,063	40°35'25.0877"	-3°35'01.6489"	40,5903021205	-3,5837913650
RECTA	44,000	450.599,363	4.493.442,085	399,260675	605,063	40°35'25.0877"	-3°35'01.6489"	40,5903021205	-3,5837913650
RECTA	48,000	450.599,317	4.493.446,084	399,260675	605,160	40°35'25.2174"	-3°35'01.6521"	40,5903381489	-3,5837922272
RECTA	52,000	450.599,271	4.493.450,084	399,260675	605,182	40°35'25.3471"	-3°35'01.6552"	40,5903741774	-3,5837930895
RECTA	56,000	450.599,224	4.493.454,084	399,260675	605,204	40°35'25.4768"	-3°35'01.6583"	40,5904102058	-3,5837939518
RECTA	60,000	450.599,178	4.493.458,084	399,260675	605,226	40°35'25.6065"	-3°35'01.6614"	40,5904462343	-3,5837948141
RECTA	64,000	450.599,131	4.493.462,083	399,260675	605,247	40°35'25.7362"	-3°35'01.6645"	40,5904822627	-3,5837956763
RECTA	68,000	450.599,085	4.493.466,083	399,260675	605,269	40°35'25.8659"	-3°35'01.6676"	40,5905182912	-3,5837965386
RECTA	72,000	450.599,038	4.493.470,083	399,260675	605,291	40°35'25.9956"	-3°35'01.6707"	40,5905543196	-3,5837974009
RECTA	76,000	450.598,992	4.493.474,083	399,260675	605,313	40°35'26.1253"	-3°35'01.6738"	40,5905903481	-3,5837982632
RECTA	80,000	450.598,945	4.493.478,082	399,260675	605,347	40°35'26.2550"	-3°35'01.6769"	40,5906263765	-3,5837991254
RECTA	80,000	450.598,945	4.493.478,082	399,100020	605,347	40°35'26.2550"	-3°35'01.6769"	40,5906263765	-3,5837991255
RECTA	84,000	450.598,889	4.493.482,082	399,100020	605,422	40°35'26.3847"	-3°35'01.6804"	40,5906624032	-3,5838001070
RECTA	88,000	450.598,832	4.493.486,081	399,100020	605,419	40°35'26.5144"	-3°35'01.6840"	40,5906984298	-3,5838010885
RECTA	92,000	450.598,776	4.493.490,081	399,100020	605,344	40°35'26.6441"	-3°35'01.6875"	40,5907344565	-3,5838020701
RECTA	96,000	450.598,719	4.493.494,081	399,100020	605,295	40°35'26.7738"	-3°35'01.6910"	40,5907704832	-3,5838030516
RECTA	100,000	450.598,663	4.493.498,080	399,100020	605,262	40°35'26.9035"	-3°35'01.6946"	40,5908065098	-3,5838040332
RECTA	104,000	450.598,606	4.493.502,080	399,100020	605,372	40°35'27.0332"	-3°35'01.6981"	40,5908425365	-3,5838050147
RECTA	108,000	450.598,550	4.493.506,079	399,100020	605,483	40°35'27.1629"	-3°35'01.7016"	40,5908785632	-3,5838059963
RECTA	112,000	450.598,493	4.493.510,079	399,100020	605,593	40°35'27.2926"	-3°35'01.7052"	40,5909145898	-3,5838069778
RECTA	116,000	450.598,436	4.493.514,079	399,100020	605,686	40°35'27.4223"	-3°35'01.7087"	40,5909506165	-3,5838079594
RECTA	120,000	450.598,380	4.493.518,078	399,100020	605,666	40°35'27.5520"	-3°35'01.7122"	40,5909866432	-3,5838089409
RECTA	124,000	450.598,323	4.493.522,078	399,100020	605,646	40°35'27.6817"	-3°35'01.7158"	40,5910226698	-3,5838099225
RECTA	128,000	450.598,267	4.493.526,077	399,100020	605,626	40°35'27.8113"	-3°35'01.7193"	40,5910586965	-3,5838109041
RECTA	128,000	450.598,267	4.493.526,077	399,100020	605,626	40°35'27.8113"	-3°35'01.7193"	40,5910586965	-3,5838109041

1.4.- PANTALLA PT-4 (PP_A-1_24,9_I_MI_1, SUBTRMOS 8 A 10)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.597,403	4.493.532,159	97,156707	605,880	40°35'28.0084"	-3°35'01.7578"	40,5911134277	-3,5838215925
RECTA	4,000	450.601,399	4.493.532,337	97,156707	605,931	40°35'28.0150"	-3°35'01.5878"	40,5911152751	-3,5837743854
RECTA	8,000	450.605,395	4.493.532,516	97,156707	605,914	40°35'28.0217"	-3°35'01.4179"	40,5911171226	-3,5837271784
RECTA	12,000	450.609,391	4.493.532,694	97,156707	605,897	40°35'28.0283"	-3°35'01.2479"	40,5911189700	-3,5836799713
RECTA	16,000	450.613,387	4.493.532,873	97,156707	605,880	40°35'28.0350"	-3°35'01.0780"	40,5911208174	-3,5836327642
RECTA	16,000	450.613,387	4.493.532,873	97,840259	605,880	40°35'28.0350"	-3°35'01.0780"	40,5911208174	-3,5836327642
RECTA	20,000	450.617,384	4.493.533,009	97,840259	605,880	40°35'28.0402"	-3°35'00.9080"	40,5911222783	-3,5835855339
RECTA	24,000	450.621,382	4.493.533,144	97,840259	605,880	40°35'28.0455"	-3°35'00.7379"	40,5911237392	-3,5835383035
RECTA	24,000	450.621,382	4.493.533,144	98,183583	605,880	40°35'28.0455"	-3°35'00.7379"	40,5911237392	-3,5835383035
RECTA	28,000	450.625,381	4.493.533,259	98,183583	605,534	40°35'28.0501"	-3°35'00.5679"	40,5911250059	-3,5834910635
RECTA	32,000	450.629,379	4.493.533,373	98,183583	604,567	40°35'28.0546"	-3°35'00.3978"	40,5911262725	-3,5834438234
RECTA	36,000	450.633,377	4.493.533,487	98,183583	605,742	40°35'28.0592"	-3°35'00.2277"	40,5911275392	-3,5833965834

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	36,000	450.633,377	4.493.533,487	118,365581	605,742	40°35'28.0592"	-3°35'00.2277"	40,5911275392	-3,5833965834
RECTA	40,000	450.637,212	4.493.532,349	118,365581	605,693	40°35'28.0231"	-3°35'00.0643"	40,5911175164	-3,5833511795
RECTA	40,000	450.637,212	4.493.532,349	98,424444	605,693	40°35'28.0231"	-3°35'00.0643"	40,5911175164	-3,5833511794
RECTA	44,000	450.641,211	4.493.532,448	98,424444	605,641	40°35'28.0272"	-3°34'59.8942"	40,5911186467	-3,5833039335
RECTA	48,000	450.645,209	4.493.532,547	98,424444	605,589	40°35'28.0312"	-3°34'59.7241"	40,5911197771	-3,5832566875
RECTA	52,000	450.649,208	4.493.532,646	98,424444	605,537	40°35'28.0353"	-3°34'59.5540"	40,5911209073	-3,5832094415
RECTA	52,000	450.649,208	4.493.532,646	66,423686	605,537	40°35'28.0353"	-3°34'59.5540"	40,5911209073	-3,5832094415
RECTA	56,000	450.652,665	4.493.534,659	66,423686	604,401	40°35'28.1013"	-3°34'59.4076"	40,5911392494	-3,5831687541
RECTA	56,000	450.652,665	4.493.534,659	1,392932	604,401	40°35'28.1013"	-3°34'59.4076"	40,5911392494	-3,5831687541
RECTA	60,000	450.652,752	4.493.538,658	1,392932	604,785	40°35'28.2310"	-3°34'59.4050"	40,5911752796	-3,5831680330
RECTA	64,000	450.652,840	4.493.542,657	1,392932	605,003	40°35'28.3608"	-3°34'59.4024"	40,5912113098	-3,5831673118
RECTA	64,000	450.652,840	4.493.542,657	7,079860	605,003	40°35'28.3608"	-3°34'59.4024"	40,5912113098	-3,5831673118
RECTA	68,000	450.653,284	4.493.546,632	7,079860	604,859	40°35'28.4898"	-3°34'59.3846"	40,5912471474	-3,5831623770
RECTA	72,000	450.653,728	4.493.550,608	7,079860	604,698	40°35'28.6188"	-3°34'59.3668"	40,5912829849	-3,5831574422
RECTA	76,000	450.654,172	4.493.554,583	7,079860	604,535	40°35'28.7478"	-3°34'59.3491"	40,5913188224	-3,5831525074
RECTA	76,000	450.654,172	4.493.554,583	9,823518	604,535	40°35'28.7478"	-3°34'59.3491"	40,5913188224	-3,5831525074
RECTA	80,000	450.654,786	4.493.558,535	9,823518	604,505	40°35'28.8761"	-3°34'59.3240"	40,5913544646	-3,5831455518
RECTA	84,000	450.655,401	4.493.562,488	9,823518	604,440	40°35'29.0044"	-3°34'59.2990"	40,5913901068	-3,5831385962
RECTA	88,000	450.656,016	4.493.566,440	9,823518	604,369	40°35'29.1327"	-3°34'59.2739"	40,5914257490	-3,5831316405
RECTA	92,000	450.656,631	4.493.570,393	9,823518	604,299	40°35'29.2610"	-3°34'59.2489"	40,5914613912	-3,5831246849
RECTA	96,000	450.657,245	4.493.574,345	9,823518	604,228	40°35'29.3894"	-3°34'59.2239"	40,5914970333	-3,5831177292
RECTA	100,000	450.657,860	4.493.578,298	9,823518	604,158	40°35'29.5177"	-3°34'59.1988"	40,5915326755	-3,5831107736
RECTA	104,000	450.658,475	4.493.582,250	9,823518	604,088	40°35'29.6460"	-3°34'59.1738"	40,5915683177	-3,5831038179
RECTA	108,000	450.659,090	4.493.586,203	9,823518	604,017	40°35'29.7743"	-3°34'59.1487"	40,5916039599	-3,5830968622
RECTA	112,000	450.659,705	4.493.590,155	9,823518	603,940	40°35'29.9026"	-3°34'59.1237"	40,5916396020	-3,5830899065
RECTA	116,000	450.660,319	4.493.594,108	9,823518	603,863	40°35'30.0309"	-3°34'59.0987"	40,5916752442	-3,5830829508
RECTA	120,000	450.660,934	4.493.598,060	9,823518	603,786	40°35'30.1592"	-3°34'59.0736"	40,5917108864	-3,5830759951
RECTA	124,000	450.661,549	4.493.602,013	9,823518	603,708	40°35'30.2875"	-3°34'59.0486"	40,5917465286	-3,5830690394
RECTA	128,000	450.662,164	4.493.605,965	9,823518	603,631	40°35'30.4159"	-3°34'59.0235"	40,5917821707	-3,5830620837
RECTA	128,000	450.662,164	4.493.605,965	9,803274	603,631	40°35'30.4159"	-3°34'59.0235"	40,5917821707	-3,5830620837
RECTA	132,000	450.662,777	4.493.609,918	9,803274	603,580	40°35'30.5442"	-3°34'58.9986"	40,5918178146	-3,5830551428
RECTA	136,000	450.663,391	4.493.613,870	9,803274	603,529	40°35'30.6725"	-3°34'58.9736"	40,5918534584	-3,5830482020
RECTA	140,000	450.664,004	4.493.617,823	9,803274	603,499	40°35'30.8008"	-3°34'58.9486"	40,5918891023	-3,5830412611
RECTA	144,000	450.664,618	4.493.621,776	9,803274	603,499	40°35'30.9291"	-3°34'58.9236"	40,5919247462	-3,5830343202
RECTA	148,000	450.665,231	4.493.625,728	9,803274	603,508	40°35'31.0574"	-3°34'58.8986"	40,5919603900	-3,5830273793
RECTA	148,000	450.665,231	4.493.625,728	11,078892	603,508	40°35'31.0574"	-3°34'58.8986"	40,5919603900	-3,5830273793
RECTA	152,000	450.665,924	4.493.629,668	11,078892	603,514	40°35'31.1854"	-3°34'58.8702"	40,5919959207	-3,5830195030
RECTA	156,000	450.666,617	4.493.633,608	11,078892	603,520	40°35'31.3133"	-3°34'58.8419"	40,5920314514	-3,5830116267
RECTA	160,000	450.667,309	4.493.637,547	11,078892	603,526	40°35'31.4412"	-3°34'58.8135"	40,5920669821	-3,5830037503
RECTA	164,000	450.668,002	4.493.641,487	11,078892	603,531	40°35'31.5691"	-3°34'58.7852"	40,5921025127	-3,5829958740
RECTA	168,000	450.668,694	4.493.645,426	11,078892	603,537	40°35'31.6970"	-3°34'58.7568"	40,5921380434	-3,5829879976
RECTA	168,000	450.668,694	4.493.645,426	9,346952	603,537	40°35'31.6970"	-3°34'58.7568"	40,5921380434	-3,5829879976
RECTA	172,000	450.669,280	4.493.649,383	9,346952	603,492	40°35'31.8254"	-3°34'58.7330"	40,5921737243	-3,5829813920
RECTA	176,000	450.669,865	4.493.653,340	9,346952	603,473	40°35'31.9539"	-3°34'58.7093"	40,5922094051	-3,5829747864

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	180,000	450.670,450	4.493.657,297	9,346952	603,454	40°35'32.0823"	-3°34'58.6855"	40,5922450860	-3,5829681808
RECTA	184,000	450.671,035	4.493.661,254	9,346952	603,435	40°35'32.2108"	-3°34'58.6617"	40,5922807669	-3,5829615752
RECTA	188,000	450.671,620	4.493.665,211	9,346952	603,416	40°35'32.3393"	-3°34'58.6379"	40,5923164477	-3,5829549695
RECTA	192,000	450.672,205	4.493.669,168	9,346952	603,398	40°35'32.4677"	-3°34'58.6141"	40,5923521286	-3,5829483639
RECTA	196,000	450.672,791	4.493.673,125	9,346952	603,379	40°35'32.5962"	-3°34'58.5904"	40,5923878094	-3,5829417583
RECTA	200,000	450.673,376	4.493.677,082	9,346952	603,360	40°35'32.7246"	-3°34'58.5666"	40,5924234903	-3,5829351526
RECTA	204,000	450.673,961	4.493.681,039	9,346952	603,341	40°35'32.8531"	-3°34'58.5428"	40,5924591711	-3,5829285470
RECTA	208,000	450.674,546	4.493.684,996	9,346952	603,322	40°35'32.9815"	-3°34'58.5190"	40,5924948520	-3,5829219413
RECTA	208,000	450.674,546	4.493.684,996	11,240793	603,322	40°35'32.9815"	-3°34'58.5190"	40,5924948520	-3,5829219413
RECTA	212,000	450.675,249	4.493.688,934	11,240793	603,289	40°35'33.1094"	-3°34'58.4902"	40,5925303673	-3,5829139463
RECTA	216,000	450.675,951	4.493.692,872	11,240793	603,255	40°35'33.2372"	-3°34'58.4615"	40,5925658826	-3,5829059514
RECTA	220,000	450.676,654	4.493.696,809	11,240793	603,222	40°35'33.3651"	-3°34'58.4327"	40,5926013979	-3,5828979564
RECTA	224,000	450.677,357	4.493.700,747	11,240793	603,189	40°35'33.4929"	-3°34'58.4039"	40,5926369132	-3,5828899614
RECTA	228,000	450.678,059	4.493.704,685	11,240793	603,155	40°35'33.6208"	-3°34'58.3751"	40,5926724284	-3,5828819664
RECTA	232,000	450.678,762	4.493.708,623	11,240793	603,122	40°35'33.7486"	-3°34'58.3463"	40,5927079437	-3,5828739714
RECTA	236,000	450.679,464	4.493.712,561	11,240793	603,088	40°35'33.8765"	-3°34'58.3176"	40,5927434590	-3,5828659764
RECTA	240,000	450.680,167	4.493.716,498	11,240793	603,055	40°35'34.0043"	-3°34'58.2888"	40,5927789743	-3,5828579814
RECTA	244,000	450.680,870	4.493.720,436	11,240793	603,022	40°35'34.1322"	-3°34'58.2600"	40,5928144896	-3,5828499864
RECTA	248,000	450.681,572	4.493.724,374	11,240793	602,974	40°35'34.2601"	-3°34'58.2312"	40,5928500049	-3,5828419914
RECTA	252,000	450.682,275	4.493.728,312	11,240793	602,907	40°35'34.3879"	-3°34'58.2024"	40,5928855202	-3,5828339963
RECTA	256,000	450.682,978	4.493.732,250	11,240793	602,840	40°35'34.5158"	-3°34'58.1736"	40,5929210354	-3,5828260013
RECTA	260,000	450.683,680	4.493.736,187	13,409153	602,773	40°35'34.6436"	-3°34'58.1449"	40,5929565507	-3,5828180062
RECTA	260,000	450.683,680	4.493.736,187	13,409153	602,773	40°35'34.6436"	-3°34'58.1449"	40,5929565507	-3,5828180062
RECTA	264,000	450.684,516	4.493.740,099	13,409153	602,619	40°35'34.7707"	-3°34'58.1104"	40,5929918379	-3,5828084293
RECTA	268,000	450.685,353	4.493.744,011	13,409153	602,422	40°35'34.8977"	-3°34'58.0759"	40,5930271250	-3,5827988523
RECTA	272,000	450.686,189	4.493.747,922	13,409153	602,078	40°35'35.0247"	-3°34'58.0414"	40,5930624121	-3,5827892753
RECTA	272,000	450.686,189	4.493.747,922	392,813992	602,078	40°35'35.0247"	-3°34'58.0414"	40,5930624121	-3,5827892753
RECTA	276,000	450.685,738	4.493.751,897	392,813992	602,305	40°35'35.1535"	-3°34'58.0617"	40,5930981896	-3,5827949105
RECTA	280,000	450.685,288	4.493.755,871	392,813992	602,636	40°35'35.2823"	-3°34'58.0820"	40,5931339670	-3,5828005457
RECTA	280,000	450.685,288	4.493.755,871	393,091388	602,636	40°35'35.2823"	-3°34'58.0820"	40,5931339670	-3,5828005457
RECTA	284,000	450.684,855	4.493.759,848	393,091388	603,315	40°35'35.4112"	-3°34'58.1016"	40,5931697629	-3,5828059764
RECTA	288,000	450.684,421	4.493.763,824	393,091388	603,799	40°35'35.5401"	-3°34'58.1211"	40,5932055587	-3,5828114071
RECTA	292,000	450.683,988	4.493.767,801	393,091388	604,325	40°35'35.6689"	-3°34'58.1407"	40,5932413545	-3,5828168378
RECTA	296,000	450.683,555	4.493.771,777	393,091388	604,956	40°35'35.7978"	-3°34'58.1602"	40,5932771504	-3,5828222685
RECTA	300,000	450.683,122	4.493.775,754	393,091388	605,000	40°35'35.9266"	-3°34'58.1798"	40,5933129462	-3,5828276992
RECTA	300,000	450.683,122	4.493.775,754	361,750112	605,000	40°35'35.9266"	-3°34'58.1798"	40,5933129462	-3,5828276992
RECTA	304,000	450.680,860	4.493.779,053	361,750112	604,766	40°35'36.0332"	-3°34'58.2769"	40,5933425344	-3,5828546801
RECTA	308,000	450.678,599	4.493.782,353	361,750112	603,619	40°35'36.1397"	-3°34'58.3740"	40,5933721225	-3,5828816610
RECTA	312,000	450.676,338	4.493.785,652	361,750112	602,627	40°35'36.2462"	-3°34'58.4711"	40,5934017106	-3,5829086419
RECTA	316,000	450.674,077	4.493.788,952	361,750112	602,360	40°35'36.3527"	-3°34'58.5683"	40,5934312988	-3,5829356229
RECTA	316,000	450.674,077	4.493.788,952	361,750112	602,360	40°35'36.3527"	-3°34'58.5683"	40,5934312988	-3,5829356229

1.5.- PANTALLA PT-5 (PP_A-1_26_I_MI_1_1)

P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
0,000	450.819,298	4.494.533,218	10,983934	601,624	40°36'00.5206"	-3°34'52.5992"	40,6001446010	-3,5812775444
4,000	450.819,985	4.494.537,159	10,983934	601,654	40°36'00.6485"	-3°34'52.5711"	40,6001801404	-3,5812697357
4,000	450.819,985	4.494.537,159	10,701591	601,654	40°36'00.6485"	-3°34'52.5711"	40,6001801404	-3,5812697357
8,000	450.820,654	4.494.541,102	10,701591	601,646	40°36'00.7766"	-3°34'52.5437"	40,6002157059	-3,5812621340
12,000	450.821,323	4.494.545,046	10,701591	601,643	40°36'00.9046"	-3°34'52.5164"	40,6002512714	-3,5812545322
12,000	450.821,323	4.494.545,046	13,058920	601,643	40°36'00.9046"	-3°34'52.5164"	40,6002512714	-3,5812545322
16,000	450.822,138	4.494.548,962	13,058920	601,657	40°36'01.0318"	-3°34'52.4828"	40,6002865980	-3,5812452082
16,000	450.822,138	4.494.548,962	18,450184	601,657	40°36'01.0318"	-3°34'52.4828"	40,6002865980	-3,5812452082
20,000	450.823,281	4.494.552,795	27,674276	601,675	40°36'01.1563"	-3°34'52.4352"	40,6003211969	-3,5812319974
20,000	450.823,281	4.494.552,795	27,674276	601,675	40°36'01.1563"	-3°34'52.4352"	40,6003211969	-3,5812319974
24,000	450.824,965	4.494.556,423	27,674276	601,719	40°36'01.2744"	-3°34'52.3646"	40,6003539793	-3,5812123710
24,000	450.824,965	4.494.556,423	22,237441	601,719	40°36'01.2744"	-3°34'52.3646"	40,6003539793	-3,5812123710
28,000	450.826,334	4.494.560,182	22,237441	601,768	40°36'01.3965"	-3°34'52.3074"	40,6003879183	-3,5811964847

1.6.- PANTALLA PT-6 (PP_A-1_26_I_MI_1_2)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.827,109	4.494.566,540	10,162848	601,620	40°36'01.6029"	-3°34'52.2762"	40,6004452471	-3,5811878251
RECTA	4,000	450.827,745	4.494.570,490	10,162848	601,632	40°36'01.7311"	-3°34'52.2503"	40,6004808604	-3,5811806184
RECTA	8,000	450.828,381	4.494.574,439	10,162848	601,637	40°36'01.8593"	-3°34'52.2243"	40,6005164736	-3,5811734117
RECTA	12,000	450.829,017	4.494.578,388	10,162848	601,663	40°36'01.9876"	-3°34'52.1984"	40,6005520869	-3,5811662050
RECTA	16,000	450.829,652	4.494.582,337	10,162848	601,681	40°36'02.1158"	-3°34'52.1724"	40,6005877001	-3,5811589983
RECTA	20,000	450.830,288	4.494.586,286	10,162848	601,699	40°36'02.2440"	-3°34'52.1465"	40,6006233134	-3,5811517915
RECTA	24,000	450.830,924	4.494.590,235	10,162848	601,711	40°36'02.3722"	-3°34'52.1205"	40,6006589266	-3,5811445848
RECTA	28,000	450.831,560	4.494.594,184	10,162848	601,727	40°36'02.5004"	-3°34'52.0946"	40,6006945399	-3,5811373780
RECTA	32,000	450.832,196	4.494.598,133	10,162848	601,748	40°36'02.6286"	-3°34'52.0687"	40,6007301531	-3,5811301713
RECTA	32,000	450.832,196	4.494.598,133	11,276584	601,748	40°36'02.6286"	-3°34'52.0687"	40,6007301531	-3,5811301713
RECTA	36,000	450.832,901	4.494.602,071	11,276584	601,796	40°36'02.7564"	-3°34'52.0398"	40,6007656648	-3,5811221482
RECTA	40,000	450.833,605	4.494.606,008	11,276584	601,806	40°36'02.8843"	-3°34'52.0109"	40,6008011765	-3,5811141252
RECTA	44,000	450.834,310	4.494.609,946	11,276584	601,858	40°36'03.0121"	-3°34'51.9820"	40,6008366882	-3,5811061022
RECTA	48,000	450.835,015	4.494.613,883	11,276584	601,884	40°36'03.1400"	-3°34'51.9531"	40,6008721999	-3,5810980791
RECTA	52,000	450.835,720	4.494.617,821	11,276584	601,912	40°36'03.2678"	-3°34'51.9242"	40,6009077116	-3,5810900560
RECTA	56,000	450.836,425	4.494.621,758	11,276584	601,926	40°36'03.3956"	-3°34'51.8954"	40,6009432233	-3,5810820330
RECTA	60,000	450.837,130	4.494.625,695	11,276584	601,940	40°36'03.5235"	-3°34'51.8665"	40,6009787350	-3,5810740099
RECTA	64,000	450.837,834	4.494.629,633	11,276584	601,960	40°36'03.6513"	-3°34'51.8376"	40,6010142466	-3,5810659868
RECTA	68,000	450.838,539	4.494.633,570	11,276584	601,987	40°36'03.7792"	-3°34'51.8087"	40,6010497583	-3,5810579637
RECTA	72,000	450.839,244	4.494.637,508	11,276584	602,025	40°36'03.9070"	-3°34'51.7798"	40,6010852700	-3,5810499406
RECTA	76,000	450.839,949	4.494.641,445	11,276584	602,049	40°36'04.0349"	-3°34'51.7509"	40,6011207817	-3,5810419175
RECTA	76,000	450.839,949	4.494.641,445	11,276584	602,049	40°36'04.0349"	-3°34'51.7509"	40,6011207817	-3,5810419175

5403454-W-DE-A(II)-114_02

1.7.- PANTALLA PT-7 (PP_A-1_26_I_MI_2, SUBRAMOS 1 Y 2)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.855,579	4.494.844,219	44,841870	608,074	40°36'10.6142"	-3°34'51.1429"	40,6029483796	-3,5808730056
RECTA	4,000	450.858,169	4.494.847,267	44,841870	608,500	40°36'10.7136"	-3°34'51.0335"	40,6029759918	-3,5808426291
RECTA	8,000	450.860,759	4.494.850,315	33,549811	608,500	40°36'10.8130"	-3°34'50.9241"	40,6030036039	-3,5808122525
RECTA	8,000	450.860,759	4.494.850,315	33,549811	608,500	40°36'10.8130"	-3°34'50.9241"	40,6030036040	-3,5808122525
RECTA	12,000	450.862,771	4.494.853,772	33,549811	608,746	40°36'10.9256"	-3°34'50.8395"	40,6030348681	-3,5807887447
RECTA	16,000	450.864,783	4.494.857,230	33,549811	608,839	40°36'11.0381"	-3°34'50.7549"	40,6030661322	-3,5807652368
RECTA	16,000	450.864,783	4.494.857,230	19,215341	608,839	40°36'11.0381"	-3°34'50.7549"	40,6030661322	-3,5807652368
RECTA	20,000	450.865,972	4.494.861,049	19,215341	609,000	40°36'11.1622"	-3°34'50.7054"	40,6031006075	-3,5807514806
RECTA	24,000	450.867,161	4.494.864,868	19,215341	609,000	40°36'11.2863"	-3°34'50.6558"	40,6031350828	-3,5807377244
RECTA	28,000	450.868,350	4.494.868,687	19,215341	609,000	40°36'11.4104"	-3°34'50.6063"	40,6031695580	-3,5807239681
RECTA	28,000	450.868,350	4.494.868,687	9,573217	609,000	40°36'11.4104"	-3°34'50.6063"	40,6031695580	-3,5807239681
RECTA	32,000	450.868,949	4.494.872,642	9,573217	609,000	40°36'11.5388"	-3°34'50.5819"	40,6032052206	-3,5807171940
RECTA	36,000	450.869,548	4.494.876,597	9,573217	609,000	40°36'11.6672"	-3°34'50.5575"	40,6032408831	-3,5807104198
RECTA	40,000	450.870,148	4.494.880,552	9,573217	609,000	40°36'11.7956"	-3°34'50.5332"	40,6032765457	-3,5807036456
RECTA	44,000	450.870,747	4.494.884,507	9,573217	609,000	40°36'11.9240"	-3°34'50.5088"	40,6033122082	-3,5806968714
RECTA	48,000	450.871,346	4.494.888,462	9,573217	608,944	40°36'12.0524"	-3°34'50.4844"	40,6033478708	-3,5806900973
RECTA	52,000	450.871,945	4.494.892,416	9,573217	608,763	40°36'12.1808"	-3°34'50.4600"	40,6033835333	-3,5806833231
RECTA	56,000	450.872,545	4.494.896,371	9,573217	608,591	40°36'12.3091"	-3°34'50.4356"	40,6034191959	-3,5806765488
RECTA	60,000	450.873,144	4.494.900,326	9,573217	608,647	40°36'12.4375"	-3°34'50.4112"	40,6034548584	-3,5806697746
RECTA	64,000	450.873,743	4.494.904,281	9,573217	608,912	40°36'12.5659"	-3°34'50.3868"	40,6034905210	-3,5806630004
RECTA	64,000	450.873,743	4.494.904,281	4,633477	608,912	40°36'12.5659"	-3°34'50.3868"	40,6034905210	-3,5806630004
RECTA	68,000	450.874,034	4.494.908,270	4,633477	609,000	40°36'12.6954"	-3°34'50.3756"	40,6035264765	-3,5806598735
RECTA	72,000	450.874,325	4.494.912,260	4,633477	609,000	40°36'12.8248"	-3°34'50.3643"	40,6035624319	-3,5806567466
RECTA	76,000	450.874,616	4.494.916,249	4,633477	609,000	40°36'12.9542"	-3°34'50.3531"	40,6035983874	-3,5806536197
RECTA	80,000	450.874,907	4.494.920,239	4,443108	608,677	40°36'13.0837"	-3°34'50.3418"	40,6036343429	-3,5806504929
RECTA	80,000	450.874,907	4.494.920,239	4,443108	608,677	40°36'13.0837"	-3°34'50.3418"	40,6036343429	-3,5806504929
RECTA	84,000	450.875,185	4.494.924,229	4,443108	608,801	40°36'13.2131"	-3°34'50.3311"	40,6036703053	-3,5806475070
RECTA	88,000	450.875,464	4.494.928,219	4,443108	609,000	40°36'13.3426"	-3°34'50.3203"	40,6037062677	-3,5806445212
RECTA	92,000	450.875,743	4.494.932,209	4,443108	609,000	40°36'13.4721"	-3°34'50.3096"	40,6037422302	-3,5806415354
RECTA	96,000	450.876,022	4.494.936,200	4,443108	608,994	40°36'13.6015"	-3°34'50.2988"	40,6037781926	-3,5806385496
RECTA	100,000	450.876,301	4.494.940,190	4,443108	609,000	40°36'13.7310"	-3°34'50.2881"	40,6038141550	-3,5806355637
RECTA	104,000	450.876,580	4.494.944,180	4,443108	609,000	40°36'13.8605"	-3°34'50.2773"	40,6038501175	-3,5806325779
RECTA	104,000	450.876,580	4.494.944,180	7,357191	609,000	40°36'13.8605"	-3°34'50.2773"	40,6038501175	-3,5806325779
RECTA	108,000	450.877,041	4.494.948,153	7,357191	609,000	40°36'13.9894"	-3°34'50.2588"	40,6038859381	-3,5806274361
RECTA	112,000	450.877,503	4.494.952,127	7,357191	609,000	40°36'14.1184"	-3°34'50.2403"	40,6039217587	-3,5806222944
RECTA	116,000	450.877,964	4.494.956,100	4,074406	609,000	40°36'14.2473"	-3°34'50.2218"	40,6039575794	-3,5806171526
RECTA	116,000	450.877,964	4.494.956,100	4,074406	609,000	40°36'14.2473"	-3°34'50.2218"	40,6039575794	-3,5806171526
RECTA	120,000	450.878,220	4.494.960,092	4,074406	609,000	40°36'14.3768"	-3°34'50.2120"	40,6039935544	-3,5806144401
RECTA	124,000	450.878,476	4.494.964,084	4,074406	609,000	40°36'14.5063"	-3°34'50.2023"	40,6040295294	-3,5806117275
RECTA	128,000	450.878,731	4.494.968,076	4,074406	609,000	40°36'14.6359"	-3°34'50.1925"	40,6040655044	-3,5806090150
RECTA	132,000	450.878,987	4.494.972,067	4,074406	609,000	40°36'14.7654"	-3°34'50.1827"	40,6041014794	-3,5806063025
RECTA	132,000	450.878,987	4.494.972,067	7,623511	609,000	40°36'14.7654"	-3°34'50.1827"	40,6041014794	-3,5806063025

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	136,000	450.879,465	4.494.976,039	7,623511	609,000	40°36'14.8943"	-3°34'50.1635"	40,6041372833	-3,5806009641
RECTA	140,000	450.879,943	4.494.980,010	7,623511	609,000	40°36'15.0232"	-3°34'50.1443"	40,6041730873	-3,5805956257
RECTA	144,000	450.880,421	4.494.983,981	14,136409	609,000	40°36'15.1520"	-3°34'50.1251"	40,6042088912	-3,5805902874
RECTA	144,000	450.880,421	4.494.983,981	14,136409	609,000	40°36'15.1520"	-3°34'50.1251"	40,6042088912	-3,5805902874
RECTA	148,000	450.881,302	4.494.987,883	14,136409	609,000	40°36'15.2788"	-3°34'50.0887"	40,6042440924	-3,5805801794
RECTA	152,000	450.882,183	4.494.991,785	14,136409	609,000	40°36'15.4055"	-3°34'50.0523"	40,6042792936	-3,5805700715
RECTA	156,000	450.883,064	4.494.995,687	15,705363	609,000	40°36'15.5322"	-3°34'50.0159"	40,6043144947	-3,5805599635
RECTA	156,000	450.883,064	4.494.995,687	15,705363	609,000	40°36'15.5322"	-3°34'50.0159"	40,6043144947	-3,5805599635
RECTA	160,000	450.884,040	4.494.999,566	15,705363	609,000	40°36'15.6582"	-3°34'49.9754"	40,6043494954	-3,5805487205
RECTA	164,000	450.885,017	4.495.003,445	15,705363	609,000	40°36'15.7842"	-3°34'49.9350"	40,6043844961	-3,5805374774
RECTA	168,000	450.885,994	4.495.007,323	15,705363	609,127	40°36'15.9102"	-3°34'49.8945"	40,6044194967	-3,5805262343
RECTA	172,000	450.886,971	4.495.011,202	15,705363	609,367	40°36'16.0362"	-3°34'49.8540"	40,6044544973	-3,5805149913
RECTA	176,000	450.887,948	4.495.015,081	15,705363	609,500	40°36'16.1622"	-3°34'49.8135"	40,6044894980	-3,5805037482
RECTA	176,000	450.887,948	4.495.015,081	27,542503	609,500	40°36'16.1622"	-3°34'49.8135"	40,6044894980	-3,5805037482
RECTA	180,000	450.889,625	4.495.018,713	27,542503	609,500	40°36'16.2804"	-3°34'49.7432"	40,6045223112	-3,5804842093
RECTA	184,000	450.891,302	4.495.022,344	27,542503	609,500	40°36'16.3985"	-3°34'49.6728"	40,6045551244	-3,5804646704
RECTA	188,000	450.892,979	4.495.025,976	27,542503	609,435	40°36'16.5166"	-3°34'49.6025"	40,6045879376	-3,5804451315
RECTA	192,000	450.894,656	4.495.029,607	18,484365	609,500	40°36'16.6347"	-3°34'49.5322"	40,6046207508	-3,5804255926
RECTA	192,000	450.894,656	4.495.029,607	18,484365	609,500	40°36'16.6347"	-3°34'49.5322"	40,6046207508	-3,5804255926
RECTA	196,000	450.895,801	4.495.033,440	18,484365	609,466	40°36'16.7593"	-3°34'49.4845"	40,6046553441	-3,5804123561
RECTA	200,000	450.896,946	4.495.037,272	18,484365	609,386	40°36'16.8838"	-3°34'49.4369"	40,6046899374	-3,5803991197
RECTA	204,000	450.898,091	4.495.041,105	18,484365	609,307	40°36'17.0084"	-3°34'49.3892"	40,6047245308	-3,5803858832
RECTA	208,000	450.899,237	4.495.044,937	18,484365	609,227	40°36'17.1329"	-3°34'49.3416"	40,6047591241	-3,5803726467
RECTA	208,000	450.899,237	4.495.044,937	10,830367	609,227	40°36'17.1329"	-3°34'49.3416"	40,6047591241	-3,5803726467
RECTA	212,000	450.899,914	4.495.048,880	10,830367	609,000	40°36'17.2609"	-3°34'49.3139"	40,6047946778	-3,5803649496
RECTA	216,000	450.900,591	4.495.052,822	10,830367	609,000	40°36'17.3889"	-3°34'49.2861"	40,6048302314	-3,5803572525
RECTA	220,000	450.901,268	4.495.056,764	10,830367	609,000	40°36'17.5169"	-3°34'49.2584"	40,6048657850	-3,5803495554
RECTA	224,000	450.901,945	4.495.060,706	10,830367	609,000	40°36'17.6449"	-3°34'49.2307"	40,6049013386	-3,5803418582
RECTA	228,000	450.902,623	4.495.064,649	10,830367	609,000	40°36'17.7729"	-3°34'49.2030"	40,6049368922	-3,5803341611
RECTA	232,000	450.903,300	4.495.068,591	10,830367	608,911	40°36'17.9008"	-3°34'49.1753"	40,6049724458	-3,5803264639
RECTA	232,000	450.903,300	4.495.068,591	3,401591	608,911	40°36'17.9008"	-3°34'49.1753"	40,6049724458	-3,5803264639
RECTA	236,000	450.903,513	4.495.072,585	3,401591	609,000	40°36'18.0304"	-3°34'49.1673"	40,6050084407	-3,5803242502
RECTA	240,000	450.903,727	4.495.076,579	3,401591	609,000	40°36'18.1600"	-3°34'49.1594"	40,6050444355	-3,5803220365
RECTA	244,000	450.903,941	4.495.080,574	3,401591	608,927	40°36'18.2896"	-3°34'49.1514"	40,6050804303	-3,5803198227
RECTA	248,000	450.904,154	4.495.084,568	3,401591	608,808	40°36'18.4192"	-3°34'49.1434"	40,6051164252	-3,5803176090
RECTA	252,000	450.904,368	4.495.088,562	3,401591	608,500	40°36'18.5488"	-3°34'49.1355"	40,6051524200	-3,5803153953
RECTA	252,000	450.904,368	4.495.088,562	4,002848	608,500	40°36'18.5488"	-3°34'49.1355"	40,6051524200	-3,5803153953
RECTA	256,000	450.904,619	4.495.092,554	4,002848	608,500	40°36'18.6783"	-3°34'49.1259"	40,6051883973	-3,5803127356
RECTA	260,000	450.904,871	4.495.096,547	4,002848	608,500	40°36'18.8078"	-3°34'49.1163"	40,6052243746	-3,5803100759
RECTA	264,000	450.905,122	4.495.100,539	4,002848	608,500	40°36'18.9373"	-3°34'49.1067"	40,6052603519	-3,5803074162
RECTA	268,000	450.905,373	4.495.104,531	4,002848	608,500	40°36'19.0668"	-3°34'49.0972"	40,6052963292	-3,5803047565
RECTA	272,000	450.905,625	4.495.108,523	4,002848	608,500	40°36'19.1963"	-3°34'49.0876"	40,6053323065	-3,5803020968
RECTA	276,000	450.905,876	4.495.112,515	4,002848	608,500	40°36'19.3259"	-3°34'49.0780"	40,6053682838	-3,5802994372
RECTA	280,000	450.906,127	4.495.116,507	4,002848	608,500	40°36'19.4554"	-3°34'49.0684"	40,6054042611	-3,5802967775

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	284,000	450.906,379	4.495.120,499	4,002848	608,445	40°36'19.5849"	-3°34'49.0589"	40,6054402384	-3,5802941178
RECTA	288,000	450.906,630	4.495.124,491	4,002848	608,401	40°36'19.7144"	-3°34'49.0493"	40,6054762157	-3,5802914581
RECTA	292,000	450.906,881	4.495.128,483	4,002848	608,422	40°36'19.8439"	-3°34'49.0397"	40,6055121930	-3,5802887984
RECTA	296,000	450.907,133	4.495.132,475	4,002848	608,500	40°36'19.9735"	-3°34'49.0301"	40,6055481703	-3,5802861387
RECTA	300,000	450.907,384	4.495.136,468	4,002848	608,500	40°36'20.1030"	-3°34'49.0206"	40,6055841476	-3,5802834790
RECTA	300,000	450.907,384	4.495.136,468	3,711287	608,500	40°36'20.1030"	-3°34'49.0206"	40,6055841476	-3,5802834790
RECTA	304,000	450.907,617	4.495.140,461	3,711287	608,357	40°36'20.2325"	-3°34'49.0118"	40,6056201338	-3,5802810355
RECTA	308,000	450.907,850	4.495.144,454	3,711287	608,029	40°36'20.3621"	-3°34'49.0030"	40,6056561200	-3,5802785920
RECTA	312,000	450.908,083	4.495.148,447	3,711287	608,000	40°36'20.4916"	-3°34'48.9942"	40,6056921062	-3,5802761485
RECTA	316,000	450.908,316	4.495.152,440	3,711287	608,000	40°36'20.6212"	-3°34'48.9854"	40,6057280924	-3,5802737050
RECTA	320,000	450.908,549	4.495.156,434	8,673661	608,000	40°36'20.7507"	-3°34'48.9766"	40,6057640786	-3,5802712615
RECTA	320,000	450.908,549	4.495.156,434	8,673661	608,000	40°36'20.7507"	-3°34'48.9766"	40,6057640786	-3,5802712615
RECTA	324,000	450.909,093	4.495.160,396	8,673661	608,000	40°36'20.8794"	-3°34'48.9546"	40,6057998105	-3,5802651487
RECTA	328,000	450.909,636	4.495.164,359	8,673661	608,000	40°36'21.0080"	-3°34'48.9326"	40,6058355424	-3,5802590358
RECTA	332,000	450.910,179	4.495.168,322	8,673661	607,903	40°36'21.1366"	-3°34'48.9106"	40,6058712743	-3,5802529230
RECTA	336,000	450.910,723	4.495.172,285	8,673661	607,723	40°36'21.2653"	-3°34'48.8886"	40,6059070062	-3,5802468102
RECTA	340,000	450.911,266	4.495.176,248	8,673661	607,543	40°36'21.3939"	-3°34'48.8665"	40,6059427381	-3,5802406973
RECTA	344,000	450.911,809	4.495.180,211	8,673661	607,500	40°36'21.5225"	-3°34'48.8445"	40,6059784701	-3,5802345845
RECTA	348,000	450.912,352	4.495.184,174	398,085002	607,500	40°36'21.6512"	-3°34'48.8225"	40,6060142020	-3,5802284716
RECTA	348,000	450.912,352	4.495.184,174	398,085002	607,500	40°36'21.6512"	-3°34'48.8225"	40,6060142020	-3,5802284716
RECTA	352,000	450.912,232	4.495.188,172	398,085002	607,500	40°36'21.7808"	-3°34'48.8288"	40,6060502121	-3,5802302051
RECTA	356,000	450.912,112	4.495.192,170	398,085002	607,500	40°36'21.9104"	-3°34'48.8350"	40,6060862222	-3,5802319385
RECTA	360,000	450.911,992	4.495.196,169	398,085002	607,500	40°36'22.0401"	-3°34'48.8413"	40,6061222323	-3,5802336720
RECTA	364,000	450.911,871	4.495.200,167	398,085002	607,500	40°36'22.1697"	-3°34'48.8475"	40,6061582425	-3,5802354054
RECTA	364,000	450.911,871	4.495.200,167	0,212255	607,500	40°36'22.1697"	-3°34'48.8475"	40,6061582425	-3,5802354054
RECTA	368,000	450.911,885	4.495.204,167	0,212255	607,500	40°36'22.2994"	-3°34'48.8480"	40,6061942766	-3,5802355594
RECTA	372,000	450.911,898	4.495.208,167	0,212255	607,500	40°36'22.4292"	-3°34'48.8486"	40,6062303108	-3,5802357134
RECTA	376,000	450.911,911	4.495.212,167	8,154252	607,589	40°36'22.5589"	-3°34'48.8492"	40,6062663450	-3,5802358674
RECTA	376,000	450.911,911	4.495.212,167	8,154252	607,589	40°36'22.5589"	-3°34'48.8492"	40,6062663450	-3,5802358674
RECTA	380,000	450.912,422	4.495.216,134	8,154252	607,835	40°36'22.6876"	-3°34'48.8285"	40,6063021137	-3,5802301373
RECTA	384,000	450.912,933	4.495.220,101	8,154252	608,000	40°36'22.8164"	-3°34'48.8079"	40,6063378824	-3,5802244071
RECTA	384,000	450.912,933	4.495.220,101	3,465146	608,000	40°36'22.8164"	-3°34'48.8079"	40,6063378824	-3,5802244071
RECTA	388,000	450.913,151	4.495.224,095	3,465146	608,000	40°36'22.9460"	-3°34'48.7998"	40,6063738755	-3,5802221461
RECTA	392,000	450.913,368	4.495.228,089	3,465146	608,000	40°36'23.0756"	-3°34'48.7916"	40,6064098687	-3,5802198852
RECTA	396,000	450.913,586	4.495.232,083	3,465146	608,000	40°36'23.2051"	-3°34'48.7835"	40,6064458618	-3,5802176242
RECTA	400,000	450.913,804	4.495.236,078	3,465146	608,000	40°36'23.3347"	-3°34'48.7753"	40,6064818549	-3,5802153632
RECTA	404,000	450.914,021	4.495.240,072	3,465146	608,000	40°36'23.4643"	-3°34'48.7672"	40,6065178481	-3,5802131022
RECTA	408,000	450.914,239	4.495.244,066	3,465146	608,000	40°36'23.5939"	-3°34'48.7591"	40,6065538412	-3,5802108412
RECTA	412,000	450.914,456	4.495.248,060	3,465146	608,136	40°36'23.7234"	-3°34'48.7509"	40,6065898343	-3,5802085803
RECTA	416,000	450.914,674	4.495.252,054	3,465146	608,269	40°36'23.8530"	-3°34'48.7428"	40,6066258274	-3,5802063193
RECTA	420,000	450.914,892	4.495.256,048	3,465146	608,279	40°36'23.9826"	-3°34'48.7346"	40,6066618206	-3,5802040583
RECTA	424,000	450.915,109	4.495.260,042	3,465146	608,423	40°36'24.1122"	-3°34'48.7265"	40,6066978137	-3,5802017973
RECTA	428,000	450.915,327	4.495.264,036	3,465146	608,500	40°36'24.2417"	-3°34'48.7184"	40,6067338068	-3,5801995363
RECTA	432,000	450.915,544	4.495.268,030	3,465146	608,500	40°36'24.3713"	-3°34'48.7102"	40,6067697999	-3,5801972753

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	432,000	450.915,544	4.495.268,030	396,469588	608,500	40°36'24.3713"	-3°34'48.7102"	40,6067697999	-3,5801972753
RECTA	436,000	450.915,323	4.495.272,024	396,469588	608,500	40°36'24.5008"	-3°34'48.7208"	40,6068057649	-3,5802002070
RECTA	440,000	450.915,101	4.495.276,018	396,469588	608,500	40°36'24.6303"	-3°34'48.7313"	40,6068417300	-3,5802031387
RECTA	444,000	450.914,879	4.495.280,012	396,469588	608,418	40°36'24.7597"	-3°34'48.7419"	40,6068776950	-3,5802060704
RECTA	448,000	450.914,658	4.495.284,006	396,469588	608,223	40°36'24.8892"	-3°34'48.7524"	40,6069136600	-3,5802090021
RECTA	452,000	450.914,436	4.495.287,999	396,469588	608,000	40°36'25.0187"	-3°34'48.7630"	40,6069496250	-3,5802119338
RECTA	456,000	450.914,214	4.495.291,993	396,469588	608,000	40°36'25.1482"	-3°34'48.7736"	40,6069855900	-3,5802148655
RECTA	460,000	450.913,993	4.495.295,987	396,469588	608,000	40°36'25.2776"	-3°34'48.7841"	40,6070215550	-3,5802177973
RECTA	464,000	450.913,771	4.495.299,981	396,469588	608,000	40°36'25.4071"	-3°34'48.7947"	40,6070575200	-3,5802207290
RECTA	468,000	450.913,549	4.495.303,975	396,469588	608,000	40°36'25.5366"	-3°34'48.8052"	40,6070934850	-3,5802236607
RECTA	472,000	450.913,327	4.495.307,969	396,469588	608,190	40°36'25.6661"	-3°34'48.8158"	40,6071294500	-3,5802265924
RECTA	476,000	450.913,106	4.495.311,962	396,469588	608,343	40°36'25.7955"	-3°34'48.8263"	40,6071654150	-3,5802295242
RECTA	476,000	450.913,106	4.495.311,962	393,654498	608,343	40°36'25.7955"	-3°34'48.8263"	40,6071654150	-3,5802295242
RECTA	480,000	450.912,708	4.495.315,943	393,654498	608,500	40°36'25.9245"	-3°34'48.8444"	40,6072012461	-3,5802345391
RECTA	484,000	450.912,310	4.495.319,923	393,654498	608,500	40°36'26.0535"	-3°34'48.8624"	40,6072370772	-3,5802395540
RECTA	488,000	450.911,912	4.495.323,903	393,654498	608,500	40°36'26.1825"	-3°34'48.8805"	40,6072729083	-3,5802445688
RECTA	492,000	450.911,514	4.495.327,883	393,654498	608,500	40°36'26.3115"	-3°34'48.8985"	40,6073087394	-3,5802495837
RECTA	496,000	450.911,115	4.495.331,863	3,868129	608,500	40°36'26.4405"	-3°34'48.9166"	40,6073445704	-3,5802545987
RECTA	496,000	450.911,115	4.495.331,863	3,868129	608,500	40°36'26.4405"	-3°34'48.9166"	40,6073445704	-3,5802545987
RECTA	500,000	450.911,358	4.495.335,856	3,868129	608,500	40°36'26.5700"	-3°34'48.9074"	40,6073805519	-3,5802520388
RECTA	504,000	450.911,601	4.495.339,848	3,868129	608,500	40°36'26.6996"	-3°34'48.8982"	40,6074165334	-3,5802494789
RECTA	508,000	450.911,844	4.495.343,841	3,868129	608,500	40°36'26.8291"	-3°34'48.8889"	40,6074525149	-3,5802469190
RECTA	512,000	450.912,087	4.495.347,834	3,868129	608,500	40°36'26.9586"	-3°34'48.8797"	40,6074884964	-3,5802443591
RECTA	516,000	450.912,330	4.495.351,826	396,564188	608,500	40°36'27.0882"	-3°34'48.8705"	40,6075244779	-3,5802417992
RECTA	516,000	450.912,330	4.495.351,826	396,564188	608,500	40°36'27.0882"	-3°34'48.8705"	40,6075244779	-3,5802417992
RECTA	520,000	450.912,114	4.495.355,820	396,564188	608,500	40°36'27.2176"	-3°34'48.8808"	40,6075604462	-3,5802446609
RECTA	524,000	450.911,898	4.495.359,815	396,564188	608,437	40°36'27.3471"	-3°34'48.8911"	40,6075964145	-3,5802475225
RECTA	528,000	450.911,683	4.495.363,809	396,564188	608,284	40°36'27.4766"	-3°34'48.9014"	40,6076323828	-3,5802503841
RECTA	532,000	450.911,467	4.495.367,803	396,564188	608,000	40°36'27.6061"	-3°34'48.9117"	40,6076683510	-3,5802532458
RECTA	536,000	450.911,251	4.495.371,797	396,564188	608,000	40°36'27.7356"	-3°34'48.9220"	40,6077043193	-3,5802561074
RECTA	540,000	450.911,035	4.495.375,791	396,564188	608,000	40°36'27.8651"	-3°34'48.9323"	40,6077402876	-3,5802589691
RECTA	540,000	450.911,035	4.495.375,791	391,270314	608,000	40°36'27.8651"	-3°34'48.9323"	40,6077402876	-3,5802589691
RECTA	544,000	450.910,489	4.495.379,754	391,270314	608,000	40°36'27.9935"	-3°34'48.9567"	40,6077759505	-3,5802657408
RECTA	548,000	450.909,942	4.495.383,716	391,270314	608,000	40°36'28.1218"	-3°34'48.9811"	40,6078116133	-3,5802725126
RECTA	552,000	450.909,395	4.495.387,679	391,270314	608,000	40°36'28.2502"	-3°34'49.0055"	40,6078472761	-3,5802792843
RECTA	556,000	450.908,848	4.495.391,641	391,475908	608,000	40°36'28.3786"	-3°34'49.0298"	40,6078829390	-3,5802860561
RECTA	556,000	450.908,848	4.495.391,641	391,475908	608,000	40°36'28.3786"	-3°34'49.0298"	40,6078829390	-3,5802860561
RECTA	560,000	450.908,314	4.495.395,605	391,475908	608,000	40°36'28.5071"	-3°34'49.0537"	40,6079186183	-3,5802926767
RECTA	564,000	450.907,780	4.495.399,570	391,475908	608,128	40°36'28.6355"	-3°34'49.0775"	40,6079542976	-3,5802992973
RECTA	568,000	450.907,246	4.495.403,534	391,475908	608,256	40°36'28.7640"	-3°34'49.1013"	40,6079899770	-3,5803059179
RECTA	572,000	450.906,712	4.495.407,498	391,475908	608,351	40°36'28.8924"	-3°34'49.1252"	40,6080256563	-3,5803125385
RECTA	576,000	450.906,178	4.495.411,462	391,475908	608,459	40°36'29.0208"	-3°34'49.1490"	40,6080613356	-3,5803191592
RECTA	580,000	450.905,644	4.495.415,426	391,475908	608,500	40°36'29.1493"	-3°34'49.1728"	40,6080970149	-3,5803257798
RECTA	584,000	450.905,110	4.495.419,391	391,475908	608,500	40°36'29.2777"	-3°34'49.1967"	40,6081326942	-3,5803324005

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	588,000	450.904,576	4.495.423,355	391,475908	608,500	40°36'29.4062"	-3°34'49.2205"	40,6081683736	-3,5803390211
RECTA	588,000	450.904,576	4.495.423,355	397,786065	608,500	40°36'29.4062"	-3°34'49.2205"	40,6081683736	-3,5803390211
RECTA	592,000	450.904,437	4.495.427,352	397,786065	608,500	40°36'29.5358"	-3°34'49.2276"	40,6082043771	-3,5803409766
RECTA	596,000	450.904,298	4.495.431,350	397,786065	608,500	40°36'29.6654"	-3°34'49.2346"	40,6082403806	-3,5803429320
RECTA	600,000	450.904,159	4.495.435,347	397,786065	608,329	40°36'29.7950"	-3°34'49.2416"	40,6082763841	-3,5803448874
RECTA	604,000	450.904,020	4.495.439,345	397,786065	608,057	40°36'29.9246"	-3°34'49.2487"	40,6083123876	-3,5803468429
RECTA	608,000	450.903,881	4.495.443,343	397,786065	608,166	40°36'30.0542"	-3°34'49.2557"	40,6083483911	-3,5803487983
RECTA	608,000	450.903,881	4.495.443,343	384,189509	608,166	40°36'30.0542"	-3°34'49.2557"	40,6083483911	-3,5803487983
RECTA	612,000	450.902,898	4.495.447,220	384,189509	608,386	40°36'30.1798"	-3°34'49.2986"	40,6083832607	-3,5803607223
RECTA	616,000	450.901,914	4.495.451,097	371,863695	608,500	40°36'30.3053"	-3°34'49.3416"	40,6084181304	-3,5803726462
RECTA	616,000	450.901,914	4.495.451,097	371,863695	608,500	40°36'30.3053"	-3°34'49.3416"	40,6084181304	-3,5803726462
RECTA	620,000	450.900,204	4.495.454,713	371,863695	608,356	40°36'30.4222"	-3°34'49.4154"	40,6084506000	-3,5803931506
RECTA	624,000	450.898,493	4.495.458,329	387,792288	608,165	40°36'30.5391"	-3°34'49.4892"	40,6084830695	-3,5804136549
RECTA	624,000	450.898,493	4.495.458,329	387,792288	608,165	40°36'30.5391"	-3°34'49.4892"	40,6084830695	-3,5804136549
RECTA	628,000	450.897,730	4.495.462,255	387,792288	607,944	40°36'30.6663"	-3°34'49.5227"	40,6085183973	-3,5804229719
RECTA	632,000	450.896,968	4.495.466,182	387,792288	607,585	40°36'30.7934"	-3°34'49.5563"	40,6085537252	-3,5804322890
RECTA	636,000	450.896,206	4.495.470,109	387,792288	607,884	40°36'30.9206"	-3°34'49.5898"	40,6085890529	-3,5804416060
RECTA	636,000	450.896,206	4.495.470,109	392,316922	607,884	40°36'30.9206"	-3°34'49.5898"	40,6085890530	-3,5804416060
RECTA	640,000	450.895,724	4.495.474,079	12,813020	608,029	40°36'31.0493"	-3°34'49.6114"	40,6086247958	-3,5804476077
RECTA	640,000	450.895,724	4.495.474,079	12,813020	608,029	40°36'31.0493"	-3°34'49.6114"	40,6086247958	-3,5804476077
RECTA	644,000	450.896,524	4.495.477,999	12,813020	608,531	40°36'31.1766"	-3°34'49.5785"	40,6086601495	-3,5804384613
RECTA	648,000	450.897,323	4.495.481,918	12,813020	609,000	40°36'31.3039"	-3°34'49.5456"	40,6086955032	-3,5804293149
RECTA	652,000	450.898,123	4.495.485,837	12,813020	609,000	40°36'31.4311"	-3°34'49.5126"	40,6087308569	-3,5804201685
RECTA	656,000	450.898,923	4.495.489,756	397,487071	609,000	40°36'31.5584"	-3°34'49.4797"	40,6087662106	-3,5804110221
RECTA	656,000	450.898,923	4.495.489,756	397,487071	609,000	40°36'31.5584"	-3°34'49.4797"	40,6087662106	-3,5804110221
RECTA	660,000	450.898,765	4.495.493,753	387,619424	609,000	40°36'31.6880"	-3°34'49.4876"	40,6088022067	-3,5804131994
RECTA	660,000	450.898,765	4.495.493,753	387,619424	609,000	40°36'31.6880"	-3°34'49.4876"	40,6088022067	-3,5804131994
RECTA	664,000	450.897,992	4.495.497,678	387,619424	609,000	40°36'31.8151"	-3°34'49.5215"	40,6088375151	-3,5804226423
RECTA	668,000	450.897,219	4.495.501,603	387,619424	609,000	40°36'31.9422"	-3°34'49.5555"	40,6088728234	-3,5804320852
RECTA	672,000	450.896,446	4.495.505,527	387,619424	609,000	40°36'32.0693"	-3°34'49.5895"	40,6089081318	-3,5804415281
RECTA	676,000	450.895,673	4.495.509,452	387,619424	609,000	40°36'32.1964"	-3°34'49.6235"	40,6089434402	-3,5804509710
RECTA	676,000	450.895,673	4.495.509,452	379,386465	609,000	40°36'32.1964"	-3°34'49.6235"	40,6089434402	-3,5804509710
RECTA	680,000	450.894,400	4.495.513,244	379,386465	609,130	40°36'32.3191"	-3°34'49.6788"	40,6089775257	-3,5804663099
RECTA	684,000	450.893,128	4.495.517,036	379,386465	609,278	40°36'32.4418"	-3°34'49.7340"	40,6090116111	-3,5804816487
RECTA	688,000	450.891,855	4.495.520,828	379,386465	609,322	40°36'32.5645"	-3°34'49.7892"	40,6090456965	-3,5804969876
RECTA	692,000	450.890,582	4.495.524,620	379,386465	609,500	40°36'32.6873"	-3°34'49.8444"	40,6090797820	-3,5805123264
RECTA	696,000	450.889,309	4.495.528,412	379,386465	609,572	40°36'32.8100"	-3°34'49.8996"	40,6091138674	-3,5805276653
RECTA	700,000	450.888,037	4.495.532,205	379,386465	609,750	40°36'32.9327"	-3°34'49.9549"	40,6091479528	-3,5805430042
RECTA	700,000	450.888,037	4.495.532,205	381,501370	609,750	40°36'32.9327"	-3°34'49.9549"	40,6091479528	-3,5805430042
RECTA	704,000	450.886,891	4.495.536,037	381,501370	609,802	40°36'33.0567"	-3°34'50.0047"	40,6091824077	-3,5805568492
RECTA	708,000	450.885,745	4.495.539,869	381,501370	610,080	40°36'33.1807"	-3°34'50.0545"	40,6092168626	-3,5805706941
RECTA	712,000	450.884,599	4.495.543,702	389,530967	610,286	40°36'33.3048"	-3°34'50.1044"	40,6092513175	-3,5805845391
RECTA	712,000	450.884,599	4.495.543,702	389,530967	610,286	40°36'33.3048"	-3°34'50.1044"	40,6092513175	-3,5805845391
RECTA	716,000	450.883,944	4.495.547,648	396,406235	610,469	40°36'33.4326"	-3°34'50.1333"	40,6092868260	-3,5805925870

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	716,000	450.883,944	4.495.547,648	396,406235	610,469	40°36'33.4326"	-3°34'50.1333"	40,6092868260	-3,5805925870
RECTA	720,000	450.883,718	4.495.551,641	396,406235	610,500	40°36'33.5621"	-3°34'50.1441"	40,6093227888	-3,5805955660
RECTA	724,000	450.883,493	4.495.555,635	396,406235	610,500	40°36'33.6915"	-3°34'50.1548"	40,6093587515	-3,5805985450
RECTA	728,000	450.883,267	4.495.559,628	396,406235	610,500	40°36'33.8210"	-3°34'50.1655"	40,6093947143	-3,5806015240
RECTA	732,000	450.883,041	4.495.563,622	396,406235	610,500	40°36'33.9505"	-3°34'50.1762"	40,6094306770	-3,5806045030
RECTA	736,000	450.882,816	4.495.567,616	396,406235	610,500	40°36'34.0799"	-3°34'50.1870"	40,6094666397	-3,5806074820
RECTA	740,000	450.882,590	4.495.571,609	393,446185	610,500	40°36'34.2094"	-3°34'50.1977"	40,6095026025	-3,5806104610
RECTA	740,000	450.882,590	4.495.571,609	393,446185	610,500	40°36'34.2094"	-3°34'50.1977"	40,6095026025	-3,5806104610
RECTA	744,000	450.882,179	4.495.575,588	393,446185	610,500	40°36'34.3384"	-3°34'50.2163"	40,6095384208	-3,5806156301
RECTA	748,000	450.881,768	4.495.579,567	393,446185	610,500	40°36'34.4673"	-3°34'50.2349"	40,6095742392	-3,5806207992
RECTA	752,000	450.881,357	4.495.583,546	393,446185	610,500	40°36'34.5962"	-3°34'50.2535"	40,6096100575	-3,5806259683
RECTA	756,000	450.880,946	4.495.587,525	393,446185	610,500	40°36'34.7252"	-3°34'50.2721"	40,6096458759	-3,5806311374
RECTA	760,000	450.880,535	4.495.591,503	393,446185	610,500	40°36'34.8541"	-3°34'50.2907"	40,6096816942	-3,5806363065
RECTA	764,000	450.880,123	4.495.595,482	382,281321	610,500	40°36'34.9831"	-3°34'50.3093"	40,6097175126	-3,5806414757
RECTA	764,000	450.880,123	4.495.595,482	382,281321	610,500	40°36'34.9831"	-3°34'50.3093"	40,6097175126	-3,5806414757
RECTA	768,000	450.879,024	4.495.599,328	382,281321	610,500	40°36'35.1076"	-3°34'50.3572"	40,6097520941	-3,5806547659
RECTA	772,000	450.877,926	4.495.603,174	382,281321	610,500	40°36'35.2321"	-3°34'50.4050"	40,6097866757	-3,5806680561
RECTA	776,000	450.876,827	4.495.607,020	382,281321	610,500	40°36'35.3566"	-3°34'50.4529"	40,6098212573	-3,5806813463
RECTA	780,000	450.875,728	4.495.610,867	382,281321	610,555	40°36'35.4811"	-3°34'50.5007"	40,6098558388	-3,5806946365
RECTA	784,000	450.874,629	4.495.614,713	382,281321	610,765	40°36'35.6056"	-3°34'50.5486"	40,6098904204	-3,5807079268
RECTA	788,000	450.873,530	4.495.618,559	373,933660	610,935	40°36'35.7300"	-3°34'50.5964"	40,6099250019	-3,5807212171
RECTA	788,000	450.873,530	4.495.618,559	373,933660	610,935	40°36'35.7300"	-3°34'50.5964"	40,6099250019	-3,5807212171
RECTA	792,000	450.871,937	4.495.622,228	373,933660	611,000	40°36'35.8487"	-3°34'50.6652"	40,6099579623	-3,5807403262
RECTA	796,000	450.870,345	4.495.625,897	373,933660	611,000	40°36'35.9674"	-3°34'50.7340"	40,6099909227	-3,5807594353
RECTA	800,000	450.868,752	4.495.629,567	373,933660	611,000	40°36'36.0860"	-3°34'50.8028"	40,6100238831	-3,5807785444
RECTA	804,000	450.867,160	4.495.633,236	373,933660	611,000	40°36'36.2047"	-3°34'50.8716"	40,6100568434	-3,5807976536
RECTA	808,000	450.865,568	4.495.636,906	373,933660	611,000	40°36'36.3233"	-3°34'50.9404"	40,6100898038	-3,5808167628
RECTA	812,000	450.863,975	4.495.640,575	373,933660	611,000	40°36'36.4420"	-3°34'51.0092"	40,6101227642	-3,5808358720
RECTA	816,000	450.862,383	4.495.644,244	373,933660	611,000	40°36'36.5606"	-3°34'51.0780"	40,6101557245	-3,5808549812
RECTA	816,000	450.862,383	4.495.644,244	375,173778	611,000	40°36'36.5606"	-3°34'51.0780"	40,6101557245	-3,5808549812
RECTA	820,000	450.860,862	4.495.647,944	375,173778	611,000	40°36'36.6803"	-3°34'51.1437"	40,6101889623	-3,5808732444
RECTA	824,000	450.859,341	4.495.651,644	375,173778	610,856	40°36'36.8000"	-3°34'51.2095"	40,6102222001	-3,5808915076
RECTA	828,000	450.857,821	4.495.655,343	376,225197	610,420	40°36'36.9196"	-3°34'51.2752"	40,6102554378	-3,5809097708
RECTA	828,000	450.857,821	4.495.655,343	376,225197	610,420	40°36'36.9196"	-3°34'51.2752"	40,6102554378	-3,5809097708
RECTA	832,000	450.856,361	4.495.659,068	376,225197	610,218	40°36'37.0401"	-3°34'51.3384"	40,6102889009	-3,5809273113
RECTA	836,000	450.854,902	4.495.662,792	376,225197	609,849	40°36'37.1605"	-3°34'51.4015"	40,6103223640	-3,5809448518
RECTA	840,000	450.853,443	4.495.666,516	376,225197	609,374	40°36'37.2810"	-3°34'51.4646"	40,6103558271	-3,5809623923
RECTA	844,000	450.851,983	4.495.670,240	376,225197	608,950	40°36'37.4015"	-3°34'51.5278"	40,6103892902	-3,5809799328
RECTA	848,000	450.850,524	4.495.673,965	376,225197	608,511	40°36'37.5220"	-3°34'51.5909"	40,6104227533	-3,5809974734
RECTA	852,000	450.849,065	4.495.677,689	376,225197	608,083	40°36'37.6424"	-3°34'51.6541"	40,6104562163	-3,5810150139
RECTA	856,000	450.847,605	4.495.681,413	376,225197	607,682	40°36'37.7629"	-3°34'51.7172"	40,6104896794	-3,5810325545
RECTA	860,000	450.846,146	4.495.685,138	376,225197	606,637	40°36'37.8834"	-3°34'51.7804"	40,6105231425	-3,5810500951
RECTA	864,000	450.844,687	4.495.688,862	376,225197	606,389	40°36'38.0038"	-3°34'51.8435"	40,6105566055	-3,5810676357
RECTA	868,000	450.843,227	4.495.692,586	376,225197	606,461	40°36'38.1243"	-3°34'51.9067"	40,6105900686	-3,5810851764

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	868,000	450.843,227	4.495.692,586	325,489747	606,461	40°36'38.1243"	-3°34'51.9067"	40,6105900686	-3,5810851764
RECTA	872,000	450.839,544	4.495.694,145	325,489747	606,497	40°36'38.1741"	-3°34'52.0639"	40,6106038947	-3,5811288404
RECTA	876,000	450.835,860	4.495.695,704	295,092612	606,678	40°36'38.2238"	-3°34'52.2211"	40,6106177207	-3,5811725044
RECTA	876,000	450.835,860	4.495.695,704	295,092612	606,678	40°36'38.2238"	-3°34'52.2211"	40,6106177207	-3,5811725044
RECTA	880,000	450.831,872	4.495.695,396	295,092612	606,852	40°36'38.2130"	-3°34'52.3907"	40,6106147086	-3,5812196219
RECTA	884,000	450.827,884	4.495.695,088	295,092612	607,005	40°36'38.2021"	-3°34'52.5603"	40,6106116964	-3,5812667394

1.8.- PANTALLA PT-8 (PP_A-1_26_I_MI_2_3)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.844,662	4.495.726,909	5,282537	606,386	40°36'39.2377"	-3°34'51.8553"	40,6108993506	-3,5810708943
RECTA	4,000	450.844,994	4.495.730,896	5,282537	606,416	40°36'39.3670"	-3°34'51.8423"	40,6109352798	-3,5810672865
RECTA	8,000	450.845,325	4.495.734,882	5,282537	606,309	40°36'39.4964"	-3°34'51.8293"	40,6109712091	-3,5810636787
RECTA	12,000	450.845,657	4.495.738,868	5,282537	606,348	40°36'39.6257"	-3°34'51.8163"	40,6110071384	-3,5810600709
RECTA	16,000	450.845,988	4.495.742,854	5,282537	606,364	40°36'39.7551"	-3°34'51.8033"	40,6110430676	-3,5810564631
RECTA	20,000	450.846,320	4.495.746,841	5,282537	606,164	40°36'39.8844"	-3°34'51.7903"	40,6110789969	-3,5810528552
RECTA	24,000	450.846,651	4.495.750,827	5,282537	606,157	40°36'40.0138"	-3°34'51.7773"	40,6111149262	-3,5810492474
RECTA	28,000	450.846,983	4.495.754,813	5,282537	605,910	40°36'40.1431"	-3°34'51.7643"	40,6111508555	-3,5810456396
RECTA	28,000	450.846,983	4.495.754,813	5,282537	605,910	40°36'40.1431"	-3°34'51.7643"	40,6111508555	-3,5810456396

1.9.- PANTALLA PT-9 (PP_A-1_26_I_MI_2_4)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.835,861	4.495.773,693	384,729170	606,415	40°36'40.7530"	-3°34'52.2429"	40,6113202714	-3,5811785784
RECTA	4,000	450.834,911	4.495.777,578	384,729170	606,487	40°36'40.8788"	-3°34'52.2845"	40,6113552167	-3,5811901150
RECTA	8,000	450.833,961	4.495.781,464	381,002239	606,514	40°36'41.0046"	-3°34'52.3260"	40,6113901620	-3,5812016517
RECTA	8,000	450.833,961	4.495.781,464	381,002239	606,514	40°36'41.0046"	-3°34'52.3260"	40,6113901620	-3,5812016517
RECTA	12,000	450.832,785	4.495.785,287	381,002239	606,518	40°36'41.1284"	-3°34'52.3771"	40,6114245330	-3,5812158515
RECTA	16,000	450.831,609	4.495.789,110	381,002239	606,511	40°36'41.2521"	-3°34'52.4282"	40,6114589041	-3,5812300513
RECTA	20,000	450.830,433	4.495.792,934	381,002239	606,482	40°36'41.3758"	-3°34'52.4793"	40,6114932751	-3,5812442511
RECTA	24,000	450.829,257	4.495.796,757	381,002239	606,458	40°36'41.4996"	-3°34'52.5305"	40,6115276461	-3,5812584509
RECTA	28,000	450.828,080	4.495.800,580	381,002239	606,472	40°36'41.6233"	-3°34'52.5816"	40,6115620171	-3,5812726508
RECTA	32,000	450.826,904	4.495.804,403	381,002239	606,493	40°36'41.7470"	-3°34'52.6327"	40,6115963881	-3,5812868506
RECTA	36,000	450.825,728	4.495.808,226	381,002239	606,487	40°36'41.8708"	-3°34'52.6838"	40,6116307591	-3,5813010505
RECTA	40,000	450.824,552	4.495.812,050	381,002239	606,540	40°36'41.9945"	-3°34'52.7349"	40,6116651301	-3,5813152504
RECTA	44,000	450.823,376	4.495.815,873	381,002239	606,580	40°36'42.1182"	-3°34'52.7861"	40,6116995011	-3,5813294503
RECTA	48,000	450.822,200	4.495.819,696	383,070400	606,584	40°36'42.2420"	-3°34'52.8372"	40,6117338721	-3,5813436502
RECTA	48,000	450.822,200	4.495.819,696	383,070400	606,584	40°36'42.2420"	-3°34'52.8372"	40,6117338721	-3,5813436502
RECTA	52,000	450.821,149	4.495.823,555	383,070400	606,580	40°36'42.3669"	-3°34'52.8830"	40,6117685765	-3,5813563778
RECTA	56,000	450.820,098	4.495.827,415	383,070400	606,586	40°36'42.4919"	-3°34'52.9288"	40,6118032808	-3,5813691053
RECTA	60,000	450.819,047	4.495.831,274	383,070400	606,624	40°36'42.6168"	-3°34'52.9746"	40,6118379852	-3,5813818328

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	64,000	450.817,995	4.495.835,134	383,070400	606,673	40°36'42.7417"	-3°34'53.0205"	40,6118726895	-3,5813945604
RECTA	68,000	450.816,944	4.495.838,993	383,070400	606,722	40°36'42.8667"	-3°34'53.0663"	40,6119073939	-3,5814072880
RECTA	68,000	450.816,944	4.495.838,993	383,070400	606,722	40°36'42.8667"	-3°34'53.0663"	40,6119073939	-3,5814072880

1.10.- PANTALLA PT-10 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 1 A 3)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.523,450	4.496.748,042	381,474436	615,816	40°37'12.2842"	-3°35'05.8129"	40,6200789246	-3,5849480129
RECTA	4,000	450.522,303	4.496.751,874	380,518346	615,633	40°37'12.4082"	-3°35'05.8628"	40,6201133744	-3,5849618816
RECTA	4,000	450.522,303	4.496.751,874	380,518346	615,633	40°37'12.4082"	-3°35'05.8628"	40,6201133744	-3,5849618816
RECTA	8,000	450.521,098	4.496.755,688	380,518346	615,752	40°37'12.5316"	-3°35'05.9152"	40,6201476616	-3,5849764276
RECTA	12,000	450.519,893	4.496.759,502	380,518346	615,959	40°37'12.6551"	-3°35'05.9675"	40,6201819488	-3,5849909737
RECTA	16,000	450.518,688	4.496.763,316	382,193691	615,981	40°37'12.7785"	-3°35'06.0199"	40,6202162361	-3,5850055198
RECTA	16,000	450.518,688	4.496.763,316	382,193691	615,981	40°37'12.7785"	-3°35'06.0199"	40,6202162361	-3,5850055198
RECTA	20,000	450.517,583	4.496.767,161	382,193691	615,987	40°37'12.9029"	-3°35'06.0680"	40,6202508031	-3,5850188768
RECTA	24,000	450.516,479	4.496.771,005	382,193691	615,989	40°37'13.0274"	-3°35'06.1161"	40,6202853701	-3,5850322339
RECTA	28,000	450.515,375	4.496.774,850	382,193691	616,426	40°37'13.1518"	-3°35'06.1642"	40,6203199370	-3,5850455909
RECTA	32,000	450.514,270	4.496.778,694	382,193691	616,461	40°37'13.2763"	-3°35'06.2122"	40,6203545040	-3,5850589480
RECTA	36,000	450.513,166	4.496.782,539	382,193691	616,485	40°37'13.4007"	-3°35'06.2603"	40,6203890710	-3,5850723051
RECTA	40,000	450.512,062	4.496.786,383	382,193691	616,664	40°37'13.5251"	-3°35'06.3084"	40,6204236380	-3,5850856622
RECTA	44,000	450.510,958	4.496.790,228	382,193691	616,809	40°37'13.6496"	-3°35'06.3565"	40,6204582050	-3,5850990193
RECTA	48,000	450.509,853	4.496.794,072	378,946566	617,090	40°37'13.7740"	-3°35'06.4046"	40,6204927720	-3,5851123765
RECTA	48,000	450.509,853	4.496.794,072	378,946566	617,090	40°37'13.7740"	-3°35'06.4046"	40,6204927720	-3,5851123765
RECTA	52,000	450.508,554	4.496.797,856	378,946566	617,490	40°37'13.8964"	-3°35'06.4609"	40,6205267751	-3,5851280291
RECTA	56,000	450.507,256	4.496.801,639	378,572363	617,717	40°37'14.0188"	-3°35'06.5173"	40,6205607782	-3,5851436817
RECTA	56,000	450.507,256	4.496.801,639	378,572363	617,717	40°37'14.0188"	-3°35'06.5173"	40,6205607782	-3,5851436817
RECTA	60,000	450.505,935	4.496.805,415	378,572363	617,792	40°37'14.1410"	-3°35'06.5746"	40,6205947106	-3,5851595964
RECTA	64,000	450.504,614	4.496.809,190	378,572363	617,836	40°37'14.2632"	-3°35'06.6319"	40,6206286430	-3,5851755111
RECTA	68,000	450.503,292	4.496.812,966	378,572363	617,896	40°37'14.3853"	-3°35'06.6892"	40,6206625755	-3,5851914258
RECTA	72,000	450.501,971	4.496.816,741	378,572363	618,187	40°37'14.5075"	-3°35'06.7465"	40,6206965079	-3,5852073406
RECTA	76,000	450.500,650	4.496.820,517	378,572363	618,416	40°37'14.6296"	-3°35'06.8038"	40,6207304403	-3,5852232553
RECTA	80,000	450.499,329	4.496.824,292	378,572363	618,479	40°37'14.7518"	-3°35'06.8610"	40,6207643727	-3,5852391701
RECTA	84,000	450.498,008	4.496.828,068	378,572363	618,873	40°37'14.8739"	-3°35'06.9183"	40,6207983051	-3,5852550849
RECTA	88,000	450.496,687	4.496.831,843	379,173553	619,089	40°37'14.9961"	-3°35'06.9756"	40,6208322375	-3,5852709997
RECTA	88,000	450.496,687	4.496.831,843	379,173553	619,089	40°37'14.9961"	-3°35'06.9756"	40,6208322375	-3,5852709997
RECTA	92,000	450.495,402	4.496.835,631	379,173553	619,156	40°37'15.1187"	-3°35'07.0314"	40,6208662829	-3,5852864932
RECTA	96,000	450.494,116	4.496.839,419	379,173553	619,239	40°37'15.2412"	-3°35'07.0872"	40,6209003283	-3,5853019868
RECTA	100,000	450.492,831	4.496.843,207	379,173553	619,547	40°37'15.3638"	-3°35'07.1430"	40,6209343737	-3,5853174804
RECTA	104,000	450.491,546	4.496.846,995	379,173553	619,617	40°37'15.4863"	-3°35'07.1987"	40,6209684191	-3,5853329741
RECTA	108,000	450.490,260	4.496.850,783	379,173553	619,680	40°37'15.6089"	-3°35'07.2545"	40,6210024645	-3,5853484677
RECTA	112,000	450.488,975	4.496.854,571	379,173553	619,734	40°37'15.7315"	-3°35'07.3103"	40,6210365099	-3,5853639614
RECTA	116,000	450.487,690	4.496.858,358	379,280759	619,758	40°37'15.8540"	-3°35'07.3661"	40,6210705552	-3,5853794550

5403454-W-DE-A(II)-114_02

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	116,000	450.487,690	4.496.858,358	379,280759	619,758	40°37'15.8540"	-3°35'07.3661"	40,6210705552	-3,5853794550
RECTA	120,000	450.486,411	4.496.862,148	379,280759	619,898	40°37'15.9767"	-3°35'07.4216"	40,6211046205	-3,5853948735
RECTA	124,000	450.485,132	4.496.865,938	379,280759	619,940	40°37'16.0993"	-3°35'07.4771"	40,6211386857	-3,5854102919
RECTA	128,000	450.483,853	4.496.869,728	379,280759	619,931	40°37'16.2219"	-3°35'07.5326"	40,6211727509	-3,5854257104
RECTA	132,000	450.482,574	4.496.873,518	379,280759	619,989	40°37'16.3446"	-3°35'07.5881"	40,6212068161	-3,5854411288
RECTA	136,000	450.481,295	4.496.877,308	379,280759	620,100	40°37'16.4672"	-3°35'07.6436"	40,6212408813	-3,5854565473
RECTA	140,000	450.480,016	4.496.881,099	379,280759	620,170	40°37'16.5898"	-3°35'07.6991"	40,6212749465	-3,5854719658
RECTA	144,000	450.478,737	4.496.884,889	379,280759	620,238	40°37'16.7125"	-3°35'07.7546"	40,6213090117	-3,5854873843
RECTA	148,000	450.477,458	4.496.888,679	379,280759	620,311	40°37'16.8351"	-3°35'07.8101"	40,6213430769	-3,5855028029
RECTA	152,000	450.476,179	4.496.892,469	379,280759	620,500	40°37'16.9578"	-3°35'07.8656"	40,6213771421	-3,5855182214
RECTA	156,000	450.474,900	4.496.896,259	379,280759	620,607	40°37'17.0804"	-3°35'07.9211"	40,6214112073	-3,5855336400
RECTA	160,000	450.473,621	4.496.900,049	379,280759	620,619	40°37'17.2030"	-3°35'07.9766"	40,6214452725	-3,5855490586
RECTA	164,000	450.472,342	4.496.903,839	379,280759	620,622	40°37'17.3257"	-3°35'08.0322"	40,6214793377	-3,5855644772
RECTA	168,000	450.471,063	4.496.907,629	379,280759	620,640	40°37'17.4483"	-3°35'08.0877"	40,6215134029	-3,5855798958
RECTA	172,000	450.469,784	4.496.911,419	379,280759	620,669	40°37'17.5709"	-3°35'08.1432"	40,6215474681	-3,5855953144
RECTA	176,000	450.468,505	4.496.915,209	381,331233	620,698	40°37'17.6936"	-3°35'08.1987"	40,6215815333	-3,5856107331
RECTA	176,000	450.468,505	4.496.915,209	381,331233	620,698	40°37'17.6936"	-3°35'08.1987"	40,6215815333	-3,5856107331
RECTA	180,000	450.467,349	4.496.919,038	381,331233	620,722	40°37'17.8175"	-3°35'08.2490"	40,6216159591	-3,5856247040
RECTA	184,000	450.466,193	4.496.922,867	381,331233	620,730	40°37'17.9414"	-3°35'08.2993"	40,6216503850	-3,5856386750
RECTA	188,000	450.465,036	4.496.926,696	381,331233	620,720	40°37'18.0654"	-3°35'08.3496"	40,6216848108	-3,5856526460
RECTA	192,000	450.463,880	4.496.930,526	381,331233	620,772	40°37'18.1893"	-3°35'08.3999"	40,6217192367	-3,5856666170
RECTA	196,000	450.462,724	4.496.934,355	381,331233	620,781	40°37'18.3132"	-3°35'08.4502"	40,6217536625	-3,5856805881
RECTA	200,000	450.461,568	4.496.938,184	381,331233	620,788	40°37'18.4372"	-3°35'08.5004"	40,6217880884	-3,5856945591
RECTA	204,000	450.460,411	4.496.942,013	381,331233	621,009	40°37'18.5611"	-3°35'08.5507"	40,6218225142	-3,5857085302
RECTA	208,000	450.459,255	4.496.945,843	381,393786	621,034	40°37'18.6850"	-3°35'08.6010"	40,6218569401	-3,5857225012
RECTA	208,000	450.459,255	4.496.945,843	381,393786	621,034	40°37'18.6850"	-3°35'08.6010"	40,6218569401	-3,5857225012
RECTA	212,000	450.458,103	4.496.949,673	381,393786	621,055	40°37'18.8090"	-3°35'08.6512"	40,6218913764	-3,5857364279
RECTA	216,000	450.456,950	4.496.953,503	381,393786	621,072	40°37'18.9330"	-3°35'08.7013"	40,6219258126	-3,5857503546
RECTA	220,000	450.455,798	4.496.957,334	381,393786	621,074	40°37'19.0569"	-3°35'08.7514"	40,6219602489	-3,5857642813
RECTA	224,000	450.454,645	4.496.961,164	381,393786	621,086	40°37'19.1809"	-3°35'08.8016"	40,6219946852	-3,5857782081
RECTA	228,000	450.453,493	4.496.964,994	381,393786	621,110	40°37'19.3049"	-3°35'08.8517"	40,6220291215	-3,5857921348
RECTA	232,000	450.452,340	4.496.968,825	381,393786	621,150	40°37'19.4288"	-3°35'08.9019"	40,6220635577	-3,5858060616
RECTA	236,000	450.451,188	4.496.972,655	381,393786	621,179	40°37'19.5528"	-3°35'08.9520"	40,6220979940	-3,5858199883
RECTA	240,000	450.450,035	4.496.976,486	381,393786	621,176	40°37'19.6768"	-3°35'09.0021"	40,6221324303	-3,5858339151
RECTA	244,000	450.448,883	4.496.980,316	381,393786	621,171	40°37'19.8008"	-3°35'09.0523"	40,6221668666	-3,5858478419
RECTA	248,000	450.447,730	4.496.984,146	396,961844	621,150	40°37'19.9247"	-3°35'09.1024"	40,6222013028	-3,5858617688
RECTA	248,000	450.447,730	4.496.984,146	396,961844	621,150	40°37'19.9247"	-3°35'09.1024"	40,6222013028	-3,5858617688
RECTA	252,000	450.447,539	4.496.988,142	396,961844	621,092	40°37'20.0543"	-3°35'09.1117"	40,6222372838	-3,5858643392
RECTA	256,000	450.447,349	4.496.992,137	379,220178	621,057	40°37'20.1838"	-3°35'09.1209"	40,6222732647	-3,5858669097
RECTA	256,000	450.447,349	4.496.992,137	379,220178	621,057	40°37'20.1838"	-3°35'09.1209"	40,6222732648	-3,5858669097
RECTA	260,000	450.446,066	4.496.995,926	379,220178	621,063	40°37'20.3064"	-3°35'09.1766"	40,6223073187	-3,5858823712
RECTA	264,000	450.444,783	4.496.999,715	379,220178	621,088	40°37'20.4290"	-3°35'09.2322"	40,6223413726	-3,5858978327
RECTA	268,000	450.443,501	4.497.003,504	381,996795	621,122	40°37'20.5516"	-3°35'09.2879"	40,6223754266	-3,5859132942
RECTA	268,000	450.443,501	4.497.003,504	381,996795	621,122	40°37'20.5516"	-3°35'09.2879"	40,6223754266	-3,5859132942

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	272,000	450.442,385	4.497.007,345	381,996795	621,126	40°37'20.6759"	-3°35'09.3365"	40,6224099618	-3,5859267924
RECTA	276,000	450.441,269	4.497.011,186	381,996795	621,134	40°37'20.8002"	-3°35'09.3851"	40,6224444970	-3,5859402906
RECTA	280,000	450.440,152	4.497.015,027	381,996795	621,134	40°37'20.9246"	-3°35'09.4337"	40,6224790323	-3,5859537888
RECTA	284,000	450.439,036	4.497.018,868	381,996795	621,133	40°37'21.0489"	-3°35'09.4823"	40,6225135675	-3,5859672871
RECTA	288,000	450.437,920	4.497.022,709	381,996795	621,123	40°37'21.1732"	-3°35'09.5309"	40,6225481027	-3,5859807853
RECTA	292,000	450.436,804	4.497.026,550	381,996795	621,116	40°37'21.2975"	-3°35'09.5795"	40,6225826379	-3,5859942836
RECTA	296,000	450.435,688	4.497.030,391	381,996795	621,476	40°37'21.4219"	-3°35'09.6281"	40,6226171731	-3,5860077819
RECTA	300,000	450.434,572	4.497.034,233	381,996795	621,500	40°37'21.5462"	-3°35'09.6766"	40,6226517083	-3,5860212802
RECTA	304,000	450.433,455	4.497.038,074	381,996795	621,528	40°37'21.6705"	-3°35'09.7252"	40,6226862436	-3,5860347785
RECTA	308,000	450.432,339	4.497.041,915	381,996795	621,513	40°37'21.7948"	-3°35'09.7738"	40,6227207788	-3,5860482768
RECTA	312,000	450.431,223	4.497.045,756	381,996795	621,500	40°37'21.9192"	-3°35'09.8224"	40,6227553140	-3,5860617751
RECTA	316,000	450.430,107	4.497.049,597	381,996795	621,468	40°37'22.0435"	-3°35'09.8710"	40,6227898492	-3,5860752735
RECTA	320,000	450.428,991	4.497.053,438	381,996795	621,421	40°37'22.1678"	-3°35'09.9196"	40,6228243844	-3,5860887719
RECTA	324,000	450.427,875	4.497.057,279	380,988381	621,451	40°37'22.2921"	-3°35'09.9682"	40,6228589196	-3,5861022702
RECTA	324,000	450.427,875	4.497.057,279	380,988381	621,451	40°37'22.2921"	-3°35'09.9682"	40,6228589196	-3,5861022702
RECTA	328,000	450.426,698	4.497.061,102	380,988381	621,352	40°37'22.4159"	-3°35'10.0194"	40,6228932875	-3,5861164848
RECTA	332,000	450.425,521	4.497.064,925	380,988381	621,053	40°37'22.5396"	-3°35'10.0706"	40,6229276555	-3,5861306995
RECTA	336,000	450.424,344	4.497.068,748	380,988381	621,064	40°37'22.6633"	-3°35'10.1217"	40,6229620234	-3,5861449141
RECTA	340,000	450.423,167	4.497.072,571	380,988381	621,103	40°37'22.7870"	-3°35'10.1729"	40,6229963914	-3,5861591288
RECTA	344,000	450.421,990	4.497.076,394	366,791181	621,098	40°37'22.9108"	-3°35'10.2241"	40,6230307593	-3,5861733434
RECTA	344,000	450.421,990	4.497.076,394	366,791181	621,098	40°37'22.9108"	-3°35'10.2241"	40,6230307593	-3,5861733435
RECTA	348,000	450.419,997	4.497.079,862	380,723728	621,136	40°37'23.0228"	-3°35'10.3099"	40,6230618808	-3,5861971818
RECTA	348,000	450.419,997	4.497.079,862	380,723728	621,136	40°37'23.0228"	-3°35'10.3099"	40,6230618808	-3,5861971818
RECTA	352,000	450.418,804	4.497.083,680	380,723728	621,126	40°37'23.1464"	-3°35'10.3617"	40,6230962034	-3,5862115839
RECTA	356,000	450.417,612	4.497.087,498	380,723728	621,120	40°37'23.2699"	-3°35'10.4136"	40,6231305260	-3,5862259860
RECTA	360,000	450.416,419	4.497.091,316	380,723728	620,995	40°37'23.3935"	-3°35'10.4654"	40,6231648486	-3,5862403881
RECTA	364,000	450.415,226	4.497.095,134	380,723728	620,857	40°37'23.5171"	-3°35'10.5173"	40,6231991712	-3,5862547902
RECTA	368,000	450.414,033	4.497.098,952	380,723728	620,846	40°37'23.6406"	-3°35'10.5691"	40,6232334938	-3,5862691924
RECTA	372,000	450.412,841	4.497.102,770	380,723728	620,837	40°37'23.7642"	-3°35'10.6210"	40,6232678165	-3,5862835945
RECTA	376,000	450.411,648	4.497.106,588	376,911302	620,829	40°37'23.8877"	-3°35'10.6728"	40,6233021390	-3,5862979967
RECTA	376,000	450.411,648	4.497.106,588	376,911302	620,829	40°37'23.8877"	-3°35'10.6728"	40,6233021391	-3,5862979967
RECTA	380,000	450.410,229	4.497.110,328	376,911302	620,854	40°37'24.0087"	-3°35'10.7343"	40,6233357434	-3,5863150690
RECTA	384,000	450.408,810	4.497.114,068	376,911302	620,932	40°37'24.1297"	-3°35'10.7957"	40,6233693477	-3,5863321414
RECTA	388,000	450.407,391	4.497.117,808	381,064054	621,003	40°37'24.2507"	-3°35'10.8572"	40,6234029519	-3,5863492138
RECTA	388,000	450.407,391	4.497.117,808	381,064054	621,003	40°37'24.2507"	-3°35'10.8572"	40,6234029520	-3,5863492138
RECTA	392,000	450.406,218	4.497.121,632	381,064054	621,013	40°37'24.3744"	-3°35'10.9082"	40,6234373327	-3,5863633750
RECTA	396,000	450.405,046	4.497.125,456	381,064054	621,017	40°37'24.4982"	-3°35'10.9592"	40,6234717135	-3,5863775363
RECTA	400,000	450.403,874	4.497.129,281	381,064054	621,024	40°37'24.6220"	-3°35'11.0101"	40,6235060943	-3,5863916975
RECTA	404,000	450.402,701	4.497.133,105	381,064054	621,026	40°37'24.7457"	-3°35'11.0611"	40,6235404750	-3,5864058588
RECTA	408,000	450.401,529	4.497.136,929	381,064054	621,014	40°37'24.8695"	-3°35'11.1121"	40,6235748558	-3,5864200201
RECTA	412,000	450.400,357	4.497.140,754	381,064054	621,000	40°37'24.9933"	-3°35'11.1631"	40,6236092365	-3,5864341814
RECTA	416,000	450.399,184	4.497.144,578	381,064054	620,989	40°37'25.1171"	-3°35'11.2141"	40,6236436173	-3,5864483427
RECTA	420,000	450.398,012	4.497.148,403	381,064054	620,994	40°37'25.2408"	-3°35'11.2651"	40,6236779981	-3,5864625041
RECTA	424,000	450.396,840	4.497.152,227	381,064054	620,981	40°37'25.3646"	-3°35'11.3160"	40,6237123788	-3,5864766654

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	428,000	450.395,668	4.497.156,051	381,064054	620,961	40°37'25.4884"	-3°35'11.3670"	40,6237467596	-3,5864908268
RECTA	432,000	450.394,495	4.497.159,876	381,064054	620,955	40°37'25.6121"	-3°35'11.4180"	40,6237811403	-3,5865049882
RECTA	436,000	450.393,323	4.497.163,700	381,064054	620,948	40°37'25.7359"	-3°35'11.4690"	40,6238155211	-3,5865191496
RECTA	440,000	450.392,151	4.497.167,524	381,064054	620,945	40°37'25.8597"	-3°35'11.5200"	40,6238499018	-3,5865333110
RECTA	444,000	450.390,978	4.497.171,349	381,064054	620,968	40°37'25.9835"	-3°35'11.5709"	40,6238842825	-3,5865474724
RECTA	448,000	450.389,806	4.497.175,173	381,064054	621,000	40°37'26.1072"	-3°35'11.6219"	40,6239186633	-3,5865616338
RECTA	452,000	450.388,634	4.497.178,997	380,512688	620,999	40°37'26.2310"	-3°35'11.6729"	40,6239530440	-3,5865757953
RECTA	452,000	450.388,634	4.497.178,997	380,512688	620,999	40°37'26.2310"	-3°35'11.6729"	40,6239530440	-3,5865757953
RECTA	456,000	450.387,428	4.497.182,811	380,512688	620,991	40°37'26.3544"	-3°35'11.7253"	40,6239873300	-3,5865903470
RECTA	460,000	450.386,223	4.497.186,625	380,512688	620,942	40°37'26.4779"	-3°35'11.7777"	40,6240216160	-3,5866048988
RECTA	464,000	450.385,017	4.497.190,440	380,512688	620,885	40°37'26.6013"	-3°35'11.8301"	40,6240559020	-3,5866194505
RECTA	468,000	450.383,812	4.497.194,254	380,512688	620,860	40°37'26.7247"	-3°35'11.8824"	40,6240901880	-3,5866340023
RECTA	472,000	450.382,607	4.497.198,068	380,512688	620,698	40°37'26.8481"	-3°35'11.9348"	40,6241244740	-3,5866485541
RECTA	476,000	450.381,401	4.497.201,882	380,512688	620,687	40°37'26.9716"	-3°35'11.9872"	40,6241587600	-3,5866631059
RECTA	480,000	450.380,196	4.497.205,696	380,512688	620,656	40°37'27.0950"	-3°35'12.0396"	40,6241930460	-3,5866776577
RECTA	484,000	450.378,990	4.497.209,510	380,512688	620,623	40°37'27.2184"	-3°35'12.0920"	40,6242273319	-3,5866922095
RECTA	488,000	450.377,785	4.497.213,324	380,512688	620,592	40°37'27.3419"	-3°35'12.1444"	40,6242616179	-3,5867067614
RECTA	492,000	450.376,580	4.497.217,138	380,512688	620,407	40°37'27.4653"	-3°35'12.1968"	40,6242959039	-3,5867213133
RECTA	496,000	450.375,374	4.497.220,952	383,279518	620,360	40°37'27.5887"	-3°35'12.2492"	40,6243301899	-3,5867358651
RECTA	496,000	450.375,374	4.497.220,952	383,279518	620,360	40°37'27.5887"	-3°35'12.2492"	40,6243301899	-3,5867358651
RECTA	500,000	450.374,336	4.497.224,815	385,539372	620,342	40°37'27.7138"	-3°35'12.2944"	40,6243649252	-3,5867484482
RECTA	500,000	450.374,336	4.497.224,815	385,539372	620,342	40°37'27.7138"	-3°35'12.2944"	40,6243649252	-3,5867484482
RECTA	504,000	450.373,435	4.497.228,712	385,539372	620,316	40°37'27.8400"	-3°35'12.3339"	40,6243999789	-3,5867594055
RECTA	508,000	450.372,534	4.497.232,609	385,539372	620,308	40°37'27.9662"	-3°35'12.3733"	40,6244350326	-3,5867703627
RECTA	512,000	450.371,633	4.497.236,507	385,539372	620,279	40°37'28.0924"	-3°35'12.4128"	40,6244700863	-3,5867813200
RECTA	516,000	450.370,733	4.497.240,404	376,437564	620,219	40°37'28.2185"	-3°35'12.4522"	40,6245051400	-3,5867922773
RECTA	516,000	450.370,733	4.497.240,404	376,437564	620,219	40°37'28.2185"	-3°35'12.4522"	40,6245051400	-3,5867922773
RECTA	520,000	450.369,286	4.497.244,133	378,791611	620,197	40°37'28.3392"	-3°35'12.5149"	40,6245386465	-3,5868096779
RECTA	520,000	450.369,286	4.497.244,133	378,791611	620,197	40°37'28.3392"	-3°35'12.5149"	40,6245386465	-3,5868096779
RECTA	524,000	450.367,978	4.497.247,913	378,791611	620,194	40°37'28.4615"	-3°35'12.5716"	40,6245726202	-3,5868254409
RECTA	528,000	450.366,670	4.497.251,693	378,791611	620,191	40°37'28.5838"	-3°35'12.6284"	40,6246065939	-3,5868412040
RECTA	532,000	450.365,362	4.497.255,473	378,791611	620,214	40°37'28.7061"	-3°35'12.6851"	40,6246405677	-3,5868569670
RECTA	536,000	450.364,053	4.497.259,253	378,791611	620,215	40°37'28.8284"	-3°35'12.7419"	40,6246745414	-3,5868727301
RECTA	540,000	450.362,745	4.497.263,033	378,791611	620,217	40°37'28.9507"	-3°35'12.7986"	40,6247085151	-3,5868884932
RECTA	544,000	450.361,437	4.497.266,813	378,791611	620,200	40°37'29.0730"	-3°35'12.8554"	40,6247424888	-3,5869042563
RECTA	548,000	450.360,129	4.497.270,594	378,791611	620,208	40°37'29.1953"	-3°35'12.9121"	40,6247764625	-3,5869200194
RECTA	552,000	450.358,821	4.497.274,374	378,791611	620,238	40°37'29.3176"	-3°35'12.9689"	40,6248104362	-3,5869357826
RECTA	556,000	450.357,513	4.497.278,154	378,791611	620,258	40°37'29.4399"	-3°35'13.0256"	40,6248444099	-3,5869515457
RECTA	560,000	450.356,205	4.497.281,934	378,791611	620,267	40°37'29.5622"	-3°35'13.0823"	40,6248783836	-3,5869673089
RECTA	564,000	450.354,897	4.497.285,714	378,791611	620,264	40°37'29.6845"	-3°35'13.1391"	40,6249123573	-3,5869830721
RECTA	568,000	450.353,589	4.497.289,494	378,791611	620,261	40°37'29.8068"	-3°35'13.1958"	40,6249463310	-3,5869988353
RECTA	572,000	450.352,281	4.497.293,274	377,238755	620,262	40°37'29.9291"	-3°35'13.2526"	40,6249803046	-3,5870145985
RECTA	572,000	450.352,281	4.497.293,274	377,238755	620,262	40°37'29.9291"	-3°35'13.2526"	40,6249803047	-3,5870145985
RECTA	576,000	450.350,881	4.497.297,021	377,238755	620,286	40°37'30.0504"	-3°35'13.3132"	40,6250139753	-3,5870314446

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	580,000	450.349,481	4.497.300,768	377,238755	620,328	40°37'30.1716"	-3°35'13.3739"	40,6250476459	-3,5870482906
RECTA	584,000	450.348,081	4.497.304,515	377,238755	620,358	40°37'30.2928"	-3°35'13.4345"	40,6250813166	-3,5870651367
RECTA	588,000	450.346,682	4.497.308,262	375,961829	620,377	40°37'30.4140"	-3°35'13.4952"	40,6251149872	-3,5870819828
RECTA	588,000	450.346,682	4.497.308,262	375,961829	620,377	40°37'30.4140"	-3°35'13.4952"	40,6251149872	-3,5870819828
RECTA	592,000	450.345,207	4.497.311,980	375,961829	620,418	40°37'30.5343"	-3°35'13.5590"	40,6251483936	-3,5870997119
RECTA	596,000	450.343,732	4.497.315,699	375,961829	620,448	40°37'30.6545"	-3°35'13.6228"	40,6251818001	-3,5871174410
RECTA	600,000	450.342,257	4.497.319,417	375,961829	620,460	40°37'30.7748"	-3°35'13.6866"	40,6252152065	-3,5871351701
RECTA	604,000	450.340,783	4.497.323,135	375,961829	620,459	40°37'30.8950"	-3°35'13.7505"	40,6252486129	-3,5871528992
RECTA	608,000	450.339,308	4.497.326,853	375,961829	620,475	40°37'31.0153"	-3°35'13.8143"	40,6252820193	-3,5871706283
RECTA	612,000	450.337,833	4.497.330,572	375,961829	620,474	40°37'31.1356"	-3°35'13.8781"	40,6253154257	-3,5871883575
RECTA	616,000	450.336,359	4.497.334,290	375,961829	620,474	40°37'31.2558"	-3°35'13.9419"	40,6253488321	-3,5872060866
RECTA	620,000	450.334,884	4.497.338,008	375,961829	620,510	40°37'31.3761"	-3°35'14.0058"	40,6253822385	-3,5872238158
RECTA	624,000	450.333,409	4.497.341,726	375,961829	620,542	40°37'31.4964"	-3°35'14.0696"	40,6254156449	-3,5872415450
RECTA	628,000	450.331,934	4.497.345,444	368,699318	620,527	40°37'31.6166"	-3°35'14.1334"	40,6254490513	-3,5872592742
RECTA	628,000	450.331,934	4.497.345,444	368,699318	620,527	40°37'31.6166"	-3°35'14.1334"	40,6254490513	-3,5872592742
RECTA	632,000	450.330,046	4.497.348,971	368,699318	620,489	40°37'31.7306"	-3°35'14.2148"	40,6254807029	-3,5872818791
RECTA	636,000	450.328,158	4.497.352,497	368,699318	620,371	40°37'31.8445"	-3°35'14.2962"	40,6255123544	-3,5873044841
RECTA	640,000	450.326,269	4.497.356,023	368,699318	620,231	40°37'31.9585"	-3°35'14.3776"	40,6255440060	-3,5873270890
RECTA	644,000	450.324,381	4.497.359,549	368,699318	620,041	40°37'32.0724"	-3°35'14.4589"	40,6255756575	-3,5873496940
RECTA	648,000	450.322,492	4.497.363,075	365,077264	619,692	40°37'32.1864"	-3°35'14.5403"	40,6256073090	-3,5873722990
RECTA	648,000	450.322,492	4.497.363,075	365,077264	619,692	40°37'32.1864"	-3°35'14.5403"	40,6256073090	-3,5873722990
RECTA	652,000	450.320,407	4.497.366,488	365,077264	619,271	40°37'32.2966"	-3°35'14.6301"	40,6256379300	-3,5873972296
RECTA	656,000	450.318,321	4.497.369,902	365,077264	619,178	40°37'32.4068"	-3°35'14.7198"	40,6256685509	-3,5874221603
RECTA	660,000	450.316,235	4.497.373,315	365,077264	618,859	40°37'32.5171"	-3°35'14.8096"	40,6256991718	-3,5874470910
RECTA	664,000	450.314,149	4.497.376,728	365,077264	618,753	40°37'32.6273"	-3°35'14.8993"	40,6257297927	-3,5874720218
RECTA	668,000	450.312,063	4.497.380,141	365,077264	618,472	40°37'32.7375"	-3°35'14.9891"	40,6257604136	-3,5874969525
RECTA	672,000	450.309,977	4.497.383,554	365,077264	618,305	40°37'32.8478"	-3°35'15.0788"	40,6257910345	-3,5875218833
RECTA	676,000	450.307,891	4.497.386,967	365,077264	618,210	40°37'32.9580"	-3°35'15.1686"	40,6258216554	-3,5875468141
RECTA	680,000	450.305,806	4.497.390,380	365,077264	618,164	40°37'33.0682"	-3°35'15.2583"	40,6258522763	-3,5875717449
RECTA	684,000	450.303,720	4.497.393,793	365,077264	618,111	40°37'33.1785"	-3°35'15.3481"	40,6258828972	-3,5875966758
RECTA	688,000	450.301,634	4.497.397,206	365,077264	617,992	40°37'33.2887"	-3°35'15.4378"	40,6259135180	-3,5876216067
RECTA	692,000	450.299,548	4.497.400,619	365,077264	618,020	40°37'33.3989"	-3°35'15.5276"	40,6259441389	-3,5876465375
RECTA	696,000	450.297,462	4.497.404,032	365,077264	618,232	40°37'33.5092"	-3°35'15.6173"	40,6259747598	-3,5876714685
RECTA	700,000	450.295,376	4.497.407,446	365,077264	618,299	40°37'33.6194"	-3°35'15.7071"	40,6260053806	-3,5876963994
RECTA	704,000	450.293,290	4.497.410,859	365,077264	618,320	40°37'33.7296"	-3°35'15.7968"	40,6260360015	-3,5877213304
RECTA	708,000	450.291,205	4.497.414,272	365,077264	618,376	40°37'33.8399"	-3°35'15.8866"	40,6260666223	-3,5877462614
RECTA	712,000	450.289,119	4.497.417,685	365,077264	618,285	40°37'33.9501"	-3°35'15.9763"	40,6260972432	-3,5877711924
RECTA	716,000	450.287,033	4.497.421,098	365,077264	618,427	40°37'34.0603"	-3°35'16.0661"	40,6261278640	-3,5877961234
RECTA	720,000	450.284,947	4.497.424,511	365,077264	618,372	40°37'34.1706"	-3°35'16.1558"	40,6261584848	-3,5878210544

1.11.- PANTALLA PT-11 (PP_A-1_28,5_DI_MI_1_4)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.313,782	4.497.419,876	361,823933	617,820	40°37'34.0265"	-3°35'14.9272"	40,6261184657	-3,5874797679
RECTA	4,000	450.311,524	4.497.423,178	361,823933	618,000	40°37'34.1331"	-3°35'15.0242"	40,6261480763	-3,5875067192
RECTA	8,000	450.309,267	4.497.426,480	361,823933	618,000	40°37'34.2397"	-3°35'15.1212"	40,6261776869	-3,5875336705
RECTA	12,000	450.307,009	4.497.429,782	361,823933	618,000	40°37'34.3463"	-3°35'15.2183"	40,6262072975	-3,5875606218
RECTA	16,000	450.304,752	4.497.433,084	361,823933	618,085	40°37'34.4529"	-3°35'15.3153"	40,6262369081	-3,5875875731
RECTA	20,000	450.302,494	4.497.436,387	361,823933	618,141	40°37'34.5595"	-3°35'15.4123"	40,6262665187	-3,5876145245
RECTA	24,000	450.300,237	4.497.439,689	361,823933	618,335	40°37'34.6661"	-3°35'15.5093"	40,6262961293	-3,5876414758
RECTA	28,000	450.297,980	4.497.442,991	361,823933	618,506	40°37'34.7727"	-3°35'15.6064"	40,6263257399	-3,5876684272
RECTA	32,000	450.295,722	4.497.446,293	361,823933	618,681	40°37'34.8793"	-3°35'15.7034"	40,6263553505	-3,5876953787
RECTA	36,000	450.293,465	4.497.449,595	361,823933	618,883	40°37'34.9859"	-3°35'15.8004"	40,6263849610	-3,5877223301
RECTA	40,000	450.291,207	4.497.452,897	361,823933	619,047	40°37'35.0925"	-3°35'15.8974"	40,6264145716	-3,5877492816
RECTA	44,000	450.288,950	4.497.456,199	361,823933	619,292	40°37'35.1991"	-3°35'15.9945"	40,6264441822	-3,5877762331
RECTA	48,000	450.286,692	4.497.459,501	361,823933	619,500	40°37'35.3057"	-3°35'16.0915"	40,6264737927	-3,5878031846
RECTA	52,000	450.284,435	4.497.462,803	361,823933	619,514	40°37'35.4123"	-3°35'16.1885"	40,6265034032	-3,5878301361
RECTA	56,000	450.282,177	4.497.466,105	361,823933	619,519	40°37'35.5189"	-3°35'16.2856"	40,6265330138	-3,5878570877
RECTA	56,000	450.282,177	4.497.466,105	364,729529	619,519	40°37'35.5189"	-3°35'16.2856"	40,6265330138	-3,5878570877
RECTA	60,000	450.280,073	4.497.469,507	369,751625	619,630	40°37'35.6287"	-3°35'16.3761"	40,6265635304	-3,5878822381
RECTA	60,000	450.280,073	4.497.469,507	369,751625	619,630	40°37'35.6287"	-3°35'16.3761"	40,6265635304	-3,5878822381
RECTA	64,000	450.278,243	4.497.473,064	372,297257	619,713	40°37'35.7437"	-3°35'16.4550"	40,6265954622	-3,5879041539
RECTA	64,000	450.278,243	4.497.473,064	372,297257	619,713	40°37'35.7437"	-3°35'16.4550"	40,6265954622	-3,5879041539
RECTA	68,000	450.276,557	4.497.476,691	378,809870	619,737	40°37'35.8610"	-3°35'16.5278"	40,6266280359	-3,5879243769
RECTA	68,000	450.276,557	4.497.476,691	378,809870	619,737	40°37'35.8610"	-3°35'16.5278"	40,6266280359	-3,5879243769
RECTA	72,000	450.275,250	4.497.480,472	386,635340	619,924	40°37'35.9833"	-3°35'16.5845"	40,6266620129	-3,5879401282
RECTA	72,000	450.275,250	4.497.480,472	386,635340	619,924	40°37'35.9833"	-3°35'16.5845"	40,6266620129	-3,5879401282
RECTA	76,000	450.274,416	4.497.484,384	393,680149	620,107	40°37'36.1100"	-3°35'16.6211"	40,6266972051	-3,5879502929
RECTA	76,000	450.274,416	4.497.484,384	393,680149	620,107	40°37'36.1100"	-3°35'16.6211"	40,6266972051	-3,5879502929
RECTA	80,000	450.274,020	4.497.488,364	397,896910	620,148	40°37'36.2390"	-3°35'16.6391"	40,6267330372	-3,5879552945
RECTA	80,000	450.274,020	4.497.488,364	397,896910	620,148	40°37'36.2390"	-3°35'16.6391"	40,6267330372	-3,5879552945
RECTA	84,000	450.273,888	4.497.492,362	397,896910	620,303	40°37'36.3686"	-3°35'16.6459"	40,6267690430	-3,5879571724
RECTA	84,000	450.273,888	4.497.492,362	2,716517	620,303	40°37'36.3686"	-3°35'16.6459"	40,6267690430	-3,5879571724
RECTA	88,000	450.274,058	4.497.496,358	2,716517	620,385	40°37'36.4982"	-3°35'16.6397"	40,6268050538	-3,5879554707
RECTA	88,000	450.274,058	4.497.496,358	8,304990	620,385	40°37'36.4982"	-3°35'16.6397"	40,6268050538	-3,5879554707
RECTA	92,000	450.274,579	4.497.500,324	14,127003	620,500	40°37'36.6270"	-3°35'16.6187"	40,6268408124	-3,5879496319
RECTA	92,000	450.274,579	4.497.500,324	14,127003	620,500	40°37'36.6270"	-3°35'16.6187"	40,6268408124	-3,5879496319
RECTA	96,000	450.275,459	4.497.504,226	14,127003	620,500	40°37'36.7537"	-3°35'16.5823"	40,6268760152	-3,5879395313
RECTA	96,000	450.275,459	4.497.504,226	14,127003	620,500	40°37'36.7537"	-3°35'16.5823"	40,6268760152	-3,5879395313

1.12.- PANTALLA PT-12 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 5 Y 6)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.231,939	4.497.538,202	396,520988	620,916	40°37'37.8461"	-3°35'18.4444"	40,6271794567	-3,5884567721
RECTA	4,000	450.231,720	4.497.542,196	396,520988	620,497	40°37'37.9756"	-3°35'18.4549"	40,6272154231	-3,5884596711
RECTA	8,000	450.231,502	4.497.546,190	396,520988	620,356	40°37'38.1050"	-3°35'18.4653"	40,6272513895	-3,5884625701
RECTA	12,000	450.231,283	4.497.550,184	396,520988	620,211	40°37'38.2345"	-3°35'18.4757"	40,6272873560	-3,5884654692
RECTA	16,000	450.231,065	4.497.554,178	396,520988	620,076	40°37'38.3640"	-3°35'18.4862"	40,6273233224	-3,5884683682
RECTA	20,000	450.230,846	4.497.558,172	396,520988	620,003	40°37'38.4935"	-3°35'18.4966"	40,6273592888	-3,5884712673
RECTA	24,000	450.230,628	4.497.562,166	396,520988	619,937	40°37'38.6230"	-3°35'18.5070"	40,6273952553	-3,5884741663
RECTA	28,000	450.230,409	4.497.566,160	396,520988	619,767	40°37'38.7524"	-3°35'18.5175"	40,6274312217	-3,5884770654
RECTA	32,000	450.230,191	4.497.570,154	396,520988	619,517	40°37'38.8819"	-3°35'18.5279"	40,6274671881	-3,5884799644
RECTA	32,000	450.230,191	4.497.570,154	5,110846	619,517	40°37'38.8819"	-3°35'18.5279"	40,6274671881	-3,5884799644
RECTA	36,000	450.230,512	4.497.574,141	5,110846	619,382	40°37'39.0113"	-3°35'18.5154"	40,6275031248	-3,5884764870
RECTA	36,000	450.230,512	4.497.574,141	36,360425	619,382	40°37'39.0113"	-3°35'18.5154"	40,6275031248	-3,5884764870
RECTA	40,000	450.232,674	4.497.577,506	36,360425	619,042	40°37'39.1209"	-3°35'18.4243"	40,6275335693	-3,5884511862
RECTA	40,000	450.232,674	4.497.577,506	394,872162	619,042	40°37'39.1209"	-3°35'18.4243"	40,6275335693	-3,5884511861
RECTA	44,000	450.232,352	4.497.581,493	394,872162	618,601	40°37'39.2501"	-3°35'18.4391"	40,6275694664	-3,5884553067
RECTA	48,000	450.232,030	4.497.585,480	394,872162	618,218	40°37'39.3793"	-3°35'18.4540"	40,6276053636	-3,5884594273
RECTA	52,000	450.231,708	4.497.589,467	394,872162	617,891	40°37'39.5086"	-3°35'18.4688"	40,6276412608	-3,5884635478
RECTA	56,000	450.231,387	4.497.593,454	394,872162	617,630	40°37'39.6378"	-3°35'18.4836"	40,6276771579	-3,5884676684
RECTA	56,000	450.231,387	4.497.593,454	390,034670	617,630	40°37'39.6378"	-3°35'18.4836"	40,6276771579	-3,5884676684
RECTA	60,000	450.230,763	4.497.597,405	390,034670	617,405	40°37'39.7658"	-3°35'18.5113"	40,6277127132	-3,5884753538
RECTA	64,000	450.230,139	4.497.601,356	390,034670	617,215	40°37'39.8938"	-3°35'18.5390"	40,6277482684	-3,5884830392
RECTA	68,000	450.229,516	4.497.605,307	390,034670	617,026	40°37'40.0218"	-3°35'18.5666"	40,6277838237	-3,5884907246
RECTA	72,000	450.228,892	4.497.609,259	390,034670	616,838	40°37'40.1498"	-3°35'18.5943"	40,6278193789	-3,5884984100
RECTA	76,000	450.228,269	4.497.613,210	390,034670	616,650	40°37'40.2778"	-3°35'18.6220"	40,6278549342	-3,5885060955
RECTA	76,000	450.228,269	4.497.613,210	392,677954	616,650	40°37'40.2778"	-3°35'18.6220"	40,6278549342	-3,5885060955
RECTA	80,000	450.227,810	4.497.617,183	392,677954	616,452	40°37'40.4066"	-3°35'18.6426"	40,6278907018	-3,5885118372
RECTA	80,000	450.227,810	4.497.617,183	399,311019	616,452	40°37'40.4066"	-3°35'18.6426"	40,6278907018	-3,5885118372
RECTA	84,000	450.227,766	4.497.621,183	399,311019	616,212	40°37'40.5363"	-3°35'18.6456"	40,6279267305	-3,5885126653
RECTA	88,000	450.227,723	4.497.625,183	399,311019	615,968	40°37'40.6660"	-3°35'18.6486"	40,6279627591	-3,5885134935
RECTA	92,000	450.227,680	4.497.629,182	399,311019	615,712	40°37'40.7957"	-3°35'18.6516"	40,6279987878	-3,5885143216
RECTA	96,000	450.227,637	4.497.633,182	399,311019	615,479	40°37'40.9254"	-3°35'18.6546"	40,6280348165	-3,5885151498
RECTA	100,000	450.227,593	4.497.637,182	399,311019	615,359	40°37'41.0551"	-3°35'18.6576"	40,6280708451	-3,5885159779
RECTA	104,000	450.227,550	4.497.641,182	399,311019	615,240	40°37'41.1848"	-3°35'18.6605"	40,6281068738	-3,5885168060
RECTA	108,000	450.227,507	4.497.645,182	399,311019	615,120	40°37'41.3145"	-3°35'18.6635"	40,6281429025	-3,5885176342
RECTA	112,000	450.227,463	4.497.649,181	399,311019	615,000	40°37'41.4442"	-3°35'18.6665"	40,6281789311	-3,5885184623
RECTA	116,000	450.227,420	4.497.653,181	399,311019	614,916	40°37'41.5739"	-3°35'18.6695"	40,6282149598	-3,5885192905
RECTA	120,000	450.227,377	4.497.657,181	399,311019	614,838	40°37'41.7036"	-3°35'18.6725"	40,6282509884	-3,5885201186
RECTA	124,000	450.227,333	4.497.661,181	399,311019	614,782	40°37'41.8333"	-3°35'18.6754"	40,6282870171	-3,5885209468
RECTA	124,000	450.227,333	4.497.661,181	396,324804	614,782	40°37'41.8333"	-3°35'18.6754"	40,6282870171	-3,5885209468
RECTA	128,000	450.227,103	4.497.665,174	396,324804	614,782	40°37'41.9628"	-3°35'18.6864"	40,6283229766	-3,5885239913
RECTA	132,000	450.226,872	4.497.669,167	396,324804	614,859	40°37'42.0922"	-3°35'18.6974"	40,6283589360	-3,5885270359
RECTA	136,000	450.226,641	4.497.673,161	396,324804	614,940	40°37'42.2217"	-3°35'18.7083"	40,6283948954	-3,5885300805

5403454-W-DE-A(II)-114_02

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	140,000	450.226,410	4.497.677,154	396,324804	615,013	40°37'42.3511"	-3°35'18.7193"	40,6284308549	-3,5885331251
RECTA	144,000	450.226,180	4.497.681,147	396,324804	615,081	40°37'42.4806"	-3°35'18.7302"	40,6284668143	-3,5885361697
RECTA	148,000	450.225,949	4.497.685,141	396,324804	615,148	40°37'42.6100"	-3°35'18.7412"	40,6285027738	-3,5885392143
RECTA	152,000	450.225,718	4.497.689,134	396,324804	615,053	40°37'42.7395"	-3°35'18.7522"	40,6285387332	-3,5885422589
RECTA	152,000	450.225,718	4.497.689,134	376,995371	615,053	40°37'42.7395"	-3°35'18.7522"	40,6285387332	-3,5885422589
RECTA	156,000	450.224,304	4.497.692,876	376,995371	615,334	40°37'42.8605"	-3°35'18.8134"	40,6285723543	-3,5885592755
RECTA	160,000	450.222,890	4.497.696,617	376,995371	615,815	40°37'42.9816"	-3°35'18.8747"	40,6286059754	-3,5885762921
RECTA	160,000	450.222,890	4.497.696,617	380,712946	615,815	40°37'42.9816"	-3°35'18.8747"	40,6286059754	-3,5885762921
RECTA	164,000	450.221,696	4.497.700,435	380,712946	616,306	40°37'43.1051"	-3°35'18.9266"	40,6286402958	-3,5885907042
RECTA	168,000	450.220,503	4.497.704,253	380,712946	616,843	40°37'43.2287"	-3°35'18.9785"	40,6286746162	-3,5886051164
RECTA	172,000	450.219,309	4.497.708,071	380,712946	617,000	40°37'43.3522"	-3°35'19.0303"	40,6287089366	-3,5886195286
RECTA	176,000	450.218,116	4.497.711,889	380,712946	617,000	40°37'43.4758"	-3°35'19.0822"	40,6287432570	-3,5886339408
RECTA	180,000	450.216,923	4.497.715,706	380,712946	617,000	40°37'43.5993"	-3°35'19.1341"	40,6287775774	-3,5886483530
RECTA	184,000	450.215,729	4.497.719,524	380,712946	617,000	40°37'43.7229"	-3°35'19.1860"	40,6288118978	-3,5886627653
RECTA	188,000	450.214,536	4.497.723,342	380,712946	617,000	40°37'43.8464"	-3°35'19.2379"	40,6288462182	-3,5886771775
RECTA	192,000	450.213,343	4.497.727,160	380,712946	617,000	40°37'43.9700"	-3°35'19.2898"	40,6288805386	-3,5886915898
RECTA	196,000	450.212,149	4.497.730,978	380,712946	617,000	40°37'44.0935"	-3°35'19.3416"	40,6289148590	-3,5887060021
RECTA	200,000	450.210,956	4.497.734,796	380,712946	617,000	40°37'44.2171"	-3°35'19.3935"	40,6289491794	-3,5887204144
RECTA	200,000	450.210,956	4.497.734,796	380,482758	617,000	40°37'44.2171"	-3°35'19.3935"	40,6289491794	-3,5887204144
RECTA	204,000	450.209,749	4.497.738,609	380,482758	617,000	40°37'44.3405"	-3°35'19.4460"	40,6289834599	-3,5887349895
RECTA	208,000	450.208,541	4.497.742,423	380,482758	616,987	40°37'44.4639"	-3°35'19.4985"	40,6290177403	-3,5887495646
RECTA	212,000	450.207,334	4.497.746,236	380,482758	616,971	40°37'44.5873"	-3°35'19.5509"	40,6290520208	-3,5887641397
RECTA	216,000	450.206,127	4.497.750,050	380,482758	616,955	40°37'44.7107"	-3°35'19.6034"	40,6290863012	-3,5887787148
RECTA	220,000	450.204,920	4.497.753,863	380,482758	616,939	40°37'44.8341"	-3°35'19.6559"	40,6291205817	-3,5887932900
RECTA	224,000	450.203,713	4.497.757,677	380,482758	616,924	40°37'44.9575"	-3°35'19.7084"	40,6291548622	-3,5888078651
RECTA	228,000	450.202,505	4.497.761,490	380,482758	616,908	40°37'45.0810"	-3°35'19.7608"	40,6291891426	-3,5888224403
RECTA	232,000	450.201,298	4.497.765,304	380,482758	616,892	40°37'45.2044"	-3°35'19.8133"	40,6292234231	-3,5888370155
RECTA	236,000	450.200,091	4.497.769,117	380,482758	616,876	40°37'45.3278"	-3°35'19.8658"	40,6292577035	-3,5888515907
RECTA	240,000	450.198,884	4.497.772,931	380,482758	616,860	40°37'45.4512"	-3°35'19.9182"	40,6292919839	-3,5888661660
RECTA	244,000	450.197,677	4.497.776,744	380,482758	616,828	40°37'45.5746"	-3°35'19.9707"	40,6293262644	-3,5888807412
RECTA	248,000	450.196,470	4.497.780,557	380,482758	616,852	40°37'45.6980"	-3°35'20.0232"	40,6293605448	-3,5888953165
RECTA	252,000	450.195,262	4.497.784,371	380,482758	616,891	40°37'45.8214"	-3°35'20.0756"	40,6293948253	-3,5889098917
RECTA	256,000	450.194,055	4.497.788,184	380,482758	616,903	40°37'45.9448"	-3°35'20.1281"	40,6294291057	-3,5889244670
RECTA	260,000	450.192,848	4.497.791,998	380,482758	616,918	40°37'46.0682"	-3°35'20.1806"	40,6294633861	-3,5889390423
RECTA	264,000	450.191,641	4.497.795,811	380,482758	616,936	40°37'46.1916"	-3°35'20.2331"	40,6294976666	-3,5889536177
RECTA	268,000	450.190,434	4.497.799,625	380,482758	616,957	40°37'46.3150"	-3°35'20.2855"	40,6295319470	-3,5889681930
RECTA	272,000	450.189,226	4.497.803,438	380,482758	616,982	40°37'46.4385"	-3°35'20.3380"	40,6295662274	-3,5889827683
RECTA	276,000	450.188,019	4.497.807,252	380,482758	617,000	40°37'46.5619"	-3°35'20.3905"	40,6296005079	-3,5889973437
RECTA	280,000	450.186,812	4.497.811,065	380,482758	617,000	40°37'46.6853"	-3°35'20.4429"	40,6296347883	-3,5890119191
RECTA	284,000	450.185,605	4.497.814,879	380,482758	617,000	40°37'46.8087"	-3°35'20.4954"	40,6296690687	-3,5890264945
RECTA	288,000	450.184,398	4.497.818,692	380,482758	617,000	40°37'46.9321"	-3°35'20.5479"	40,6297033491	-3,5890410699
RECTA	292,000	450.183,190	4.497.822,506	380,482758	617,000	40°37'47.0555"	-3°35'20.6004"	40,6297376295	-3,5890556453
RECTA	296,000	450.181,983	4.497.826,319	380,482758	617,000	40°37'47.1789"	-3°35'20.6528"	40,6297719100	-3,5890702208
RECTA	300,000	450.180,776	4.497.830,133	380,482758	617,000	40°37'47.3023"	-3°35'20.7053"	40,6298061904	-3,5890847962

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	304,000	450.179,569	4.497.833,946	380,482758	617,000	40°37'47.4257"	-3°35'20.7578"	40,6298404708	-3,5890993717
RECTA	308,000	450.178,362	4.497.837,760	380,482758	617,000	40°37'47.5491"	-3°35'20.8102"	40,6298747512	-3,5891139472
RECTA	312,000	450.177,155	4.497.841,573	380,482758	617,000	40°37'47.6726"	-3°35'20.8627"	40,6299090316	-3,5891285227
RECTA	316,000	450.175,947	4.497.845,387	380,482758	617,000	40°37'47.7960"	-3°35'20.9152"	40,6299433120	-3,5891430982
RECTA	320,000	450.174,740	4.497.849,200	380,482758	617,000	40°37'47.9194"	-3°35'20.9677"	40,6299775924	-3,5891576737
RECTA	324,000	450.173,533	4.497.853,014	380,482758	616,990	40°37'48.0428"	-3°35'21.0201"	40,6300118728	-3,5891722493
RECTA	328,000	450.172,326	4.497.856,827	380,482758	616,976	40°37'48.1662"	-3°35'21.0726"	40,6300461532	-3,5891868248
RECTA	332,000	450.171,119	4.497.860,641	380,482758	616,982	40°37'48.2896"	-3°35'21.1251"	40,6300804336	-3,5892014004
RECTA	336,000	450.169,911	4.497.864,454	380,482758	616,965	40°37'48.4130"	-3°35'21.1775"	40,6301147140	-3,5892159760
RECTA	340,000	450.168,704	4.497.868,268	380,482758	617,000	40°37'48.5364"	-3°35'21.2300"	40,6301489944	-3,5892305516
RECTA	344,000	450.167,497	4.497.872,081	380,482758	616,901	40°37'48.6598"	-3°35'21.2825"	40,6301832748	-3,5892451272
RECTA	348,000	450.166,290	4.497.875,895	380,482758	616,486	40°37'48.7832"	-3°35'21.3350"	40,6302175552	-3,5892597029
RECTA	352,000	450.165,083	4.497.879,708	380,482758	616,430	40°37'48.9066"	-3°35'21.3874"	40,6302518355	-3,5892742785
RECTA	356,000	450.163,876	4.497.883,522	380,482758	616,482	40°37'49.0301"	-3°35'21.4399"	40,6302861159	-3,5892888542
RECTA	360,000	450.162,668	4.497.887,335	380,482758	616,548	40°37'49.1535"	-3°35'21.4924"	40,6303203963	-3,5893034299
RECTA	364,000	450.161,461	4.497.891,149	380,482758	616,555	40°37'49.2769"	-3°35'21.5449"	40,6303546767	-3,5893180056
RECTA	368,000	450.160,254	4.497.894,962	380,482758	616,539	40°37'49.4003"	-3°35'21.5973"	40,6303889571	-3,5893325813
RECTA	372,000	450.159,047	4.497.898,776	380,482758	616,443	40°37'49.5237"	-3°35'21.6498"	40,6304232374	-3,5893471570
RECTA	376,000	450.157,840	4.497.902,589	380,482758	616,365	40°37'49.6471"	-3°35'21.7023"	40,6304575178	-3,5893617327
RECTA	380,000	450.156,632	4.497.906,403	380,482758	616,344	40°37'49.7705"	-3°35'21.7547"	40,6304917982	-3,5893763085
RECTA	384,000	450.155,425	4.497.910,216	380,482758	616,157	40°37'49.8939"	-3°35'21.8072"	40,6305260785	-3,5893908843
RECTA	388,000	450.154,218	4.497.914,030	380,482758	615,986	40°37'50.0173"	-3°35'21.8597"	40,6305603589	-3,5894054601
RECTA	392,000	450.153,011	4.497.917,843	380,482758	616,092	40°37'50.1407"	-3°35'21.9122"	40,6305946393	-3,5894200359
RECTA	396,000	450.151,804	4.497.921,657	380,482758	616,059	40°37'50.2642"	-3°35'21.9646"	40,6306289196	-3,5894346117
RECTA	400,000	450.150,596	4.497.925,470	380,482758	615,938	40°37'50.3876"	-3°35'22.0171"	40,6306632000	-3,5894491875
RECTA	404,000	450.149,389	4.497.929,284	380,482758	615,954	40°37'50.5110"	-3°35'22.0696"	40,6306974803	-3,5894637634
RECTA	408,000	450.148,182	4.497.933,097	380,482758	616,178	40°37'50.6344"	-3°35'22.1221"	40,6307317607	-3,5894783392
RECTA	412,000	450.146,975	4.497.936,911	380,482758	616,198	40°37'50.7578"	-3°35'22.1745"	40,6307660411	-3,5894929151
RECTA	416,000	450.145,768	4.497.940,724	380,482758	616,169	40°37'50.8812"	-3°35'22.2270"	40,6308003214	-3,5895074910
RECTA	420,000	450.144,561	4.497.944,538	380,482758	616,153	40°37'51.0046"	-3°35'22.2795"	40,6308346018	-3,5895220669
RECTA	424,000	450.143,353	4.497.948,351	380,482758	616,135	40°37'51.1280"	-3°35'22.3320"	40,6308688821	-3,5895366428
RECTA	428,000	450.142,146	4.497.952,165	380,482758	616,122	40°37'51.2514"	-3°35'22.3844"	40,6309031624	-3,5895512188
RECTA	432,000	450.140,939	4.497.955,978	380,482758	616,109	40°37'51.3748"	-3°35'22.4369"	40,6309374428	-3,5895657947
RECTA	436,000	450.139,732	4.497.959,792	380,482758	616,091	40°37'51.4982"	-3°35'22.4894"	40,6309717231	-3,5895803707
RECTA	440,000	450.138,525	4.497.963,605	380,482758	616,076	40°37'51.6217"	-3°35'22.5418"	40,6310060035	-3,5895949467
RECTA	444,000	450.137,317	4.497.967,419	380,482758	616,053	40°37'51.7451"	-3°35'22.5943"	40,6310402838	-3,5896095227
RECTA	448,000	450.136,110	4.497.971,232	380,482758	616,030	40°37'51.8685"	-3°35'22.6468"	40,6310745641	-3,5896240987
RECTA	452,000	450.134,903	4.497.975,045	380,482758	616,000	40°37'51.9919"	-3°35'22.6993"	40,6311088445	-3,5896386747
RECTA	456,000	450.133,696	4.497.978,859	380,482758	615,922	40°37'52.1153"	-3°35'22.7517"	40,6311431248	-3,5896532508
RECTA	460,000	450.132,489	4.497.982,672	380,482758	615,790	40°37'52.2387"	-3°35'22.8042"	40,6311774051	-3,5896678268
RECTA	464,000	450.131,282	4.497.986,486	380,482758	615,729	40°37'52.3621"	-3°35'22.8567"	40,6312116854	-3,5896824029
RECTA	468,000	450.130,074	4.497.990,299	380,482758	615,668	40°37'52.4855"	-3°35'22.9092"	40,6312459658	-3,5896969790
RECTA	472,000	450.128,867	4.497.994,113	380,482758	615,607	40°37'52.6089"	-3°35'22.9616"	40,6312802461	-3,5897115551
RECTA	476,000	450.127,660	4.497.997,926	380,482758	615,546	40°37'52.7323"	-3°35'23.0141"	40,6313145264	-3,5897261312

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	480,000	450.126,453	4.498.001,740	380,482758	615,500	40°37'52.8557"	-3°35'23.0666"	40,6313488067	-3,5897407073
RECTA	484,000	450.125,246	4.498.005,553	380,482758	615,499	40°37'52.9792"	-3°35'23.1191"	40,6313830870	-3,5897552835
RECTA	488,000	450.124,038	4.498.009,367	380,482758	615,494	40°37'53.1026"	-3°35'23.1715"	40,6314173673	-3,5897698597
RECTA	492,000	450.122,831	4.498.013,180	380,482758	615,453	40°37'53.2260"	-3°35'23.2240"	40,6314516477	-3,5897844358
RECTA	496,000	450.121,624	4.498.016,994	380,482758	615,532	40°37'53.3494"	-3°35'23.2765"	40,6314859280	-3,5897990120
RECTA	500,000	450.120,417	4.498.020,807	380,482758	615,514	40°37'53.4728"	-3°35'23.3290"	40,6315202083	-3,5898135882
RECTA	504,000	450.119,210	4.498.024,621	380,482758	615,407	40°37'53.5962"	-3°35'23.3814"	40,6315544886	-3,5898281645
RECTA	508,000	450.118,003	4.498.028,434	380,482758	615,329	40°37'53.7196"	-3°35'23.4339"	40,6315887689	-3,5898427407
RECTA	512,000	450.116,795	4.498.032,248	380,482758	615,321	40°37'53.8430"	-3°35'23.4864"	40,6316230492	-3,5898573170
RECTA	516,000	450.115,588	4.498.036,061	380,482758	615,308	40°37'53.9664"	-3°35'23.5389"	40,6316573295	-3,5898718932
RECTA	520,000	450.114,381	4.498.039,875	380,482758	615,309	40°37'54.0898"	-3°35'23.5913"	40,6316916098	-3,5898864695
RECTA	524,000	450.113,174	4.498.043,688	380,482758	615,296	40°37'54.2132"	-3°35'23.6438"	40,6317258901	-3,5899010458
RECTA	528,000	450.111,967	4.498.047,502	380,482758	615,275	40°37'54.3367"	-3°35'23.6963"	40,6317601703	-3,5899156221
RECTA	532,000	450.110,759	4.498.051,315	380,482758	615,262	40°37'54.4601"	-3°35'23.7488"	40,6317944506	-3,5899301985
RECTA	536,000	450.109,552	4.498.055,129	380,482758	615,250	40°37'54.5835"	-3°35'23.8012"	40,6318287309	-3,5899447748
RECTA	540,000	450.108,345	4.498.058,942	380,482758	615,235	40°37'54.7069"	-3°35'23.8537"	40,6318630112	-3,5899593512
RECTA	544,000	450.107,138	4.498.062,756	380,482758	615,215	40°37'54.8303"	-3°35'23.9062"	40,6318972915	-3,5899739275
RECTA	548,000	450.105,931	4.498.066,569	380,482758	614,983	40°37'54.9537"	-3°35'23.9587"	40,6319315718	-3,5899885039
RECTA	552,000	450.104,723	4.498.070,383	380,482758	614,985	40°37'55.0771"	-3°35'24.0111"	40,6319658520	-3,5900030803
RECTA	556,000	450.103,516	4.498.074,196	380,482758	614,988	40°37'55.2005"	-3°35'24.0636"	40,6320001323	-3,5900176568
RECTA	560,000	450.102,309	4.498.078,010	380,482758	614,994	40°37'55.3239"	-3°35'24.1161"	40,6320344126	-3,5900322332
RECTA	564,000	450.101,102	4.498.081,823	380,482758	614,982	40°37'55.4473"	-3°35'24.1686"	40,6320686929	-3,5900468097
RECTA	568,000	450.099,895	4.498.085,637	380,482758	614,946	40°37'55.5707"	-3°35'24.2210"	40,6321029731	-3,5900613861
RECTA	572,000	450.098,688	4.498.089,450	380,482758	614,948	40°37'55.6942"	-3°35'24.2735"	40,6321372534	-3,5900759626
RECTA	576,000	450.097,480	4.498.093,264	380,482758	614,942	40°37'55.8176"	-3°35'24.3260"	40,6321715337	-3,5900905391
RECTA	580,000	450.096,273	4.498.097,077	380,482758	614,949	40°37'55.9410"	-3°35'24.3785"	40,6322058139	-3,5901051156
RECTA	584,000	450.095,066	4.498.100,891	380,482758	614,954	40°37'56.0644"	-3°35'24.4309"	40,6322400942	-3,5901196921
RECTA	588,000	450.093,859	4.498.104,704	380,482758	614,955	40°37'56.1878"	-3°35'24.4834"	40,6322743744	-3,5901342687
RECTA	592,000	450.092,652	4.498.108,518	380,482758	614,953	40°37'56.3112"	-3°35'24.5359"	40,6323086547	-3,5901488452
RECTA	596,000	450.091,444	4.498.112,331	380,482758	614,957	40°37'56.4346"	-3°35'24.5884"	40,6323429350	-3,5901634218
RECTA	600,000	450.090,237	4.498.116,145	380,482758	614,960	40°37'56.5580"	-3°35'24.6408"	40,6323772152	-3,5901779984
RECTA	604,000	450.089,030	4.498.119,958	380,482758	614,984	40°37'56.6814"	-3°35'24.6933"	40,6324114955	-3,5901925750
RECTA	608,000	450.087,823	4.498.123,772	380,482758	614,993	40°37'56.8048"	-3°35'24.7458"	40,6324457757	-3,5902071516
RECTA	612,000	450.086,616	4.498.127,585	380,482758	614,997	40°37'56.9282"	-3°35'24.7983"	40,6324800560	-3,5902217283
RECTA	616,000	450.085,409	4.498.131,399	380,482758	615,000	40°37'57.0516"	-3°35'24.8507"	40,6325143362	-3,5902363049
RECTA	620,000	450.084,201	4.498.135,212	380,482758	615,029	40°37'57.1751"	-3°35'24.9032"	40,6325486164	-3,5902508816
RECTA	624,000	450.082,994	4.498.139,026	380,482758	615,061	40°37'57.2985"	-3°35'24.9557"	40,6325828967	-3,5902654582
RECTA	628,000	450.081,787	4.498.142,839	380,482758	615,092	40°37'57.4219"	-3°35'25.0082"	40,6326171769	-3,5902800349
RECTA	632,000	450.080,580	4.498.146,653	380,482758	615,123	40°37'57.5453"	-3°35'25.0606"	40,6326514571	-3,5902946116
RECTA	636,000	450.079,373	4.498.150,466	380,482758	615,155	40°37'57.6687"	-3°35'25.1131"	40,6326857374	-3,5903091884
RECTA	640,000	450.078,165	4.498.154,280	380,482758	615,186	40°37'57.7921"	-3°35'25.1656"	40,6327200176	-3,5903237651
RECTA	644,000	450.076,958	4.498.158,093	380,482758	615,215	40°37'57.9155"	-3°35'25.2181"	40,6327542978	-3,5903383419
RECTA	648,000	450.075,751	4.498.161,906	380,482758	615,242	40°37'58.0389"	-3°35'25.2705"	40,6327885781	-3,5903529186
RECTA	652,000	450.074,544	4.498.165,720	380,482758	615,266	40°37'58.1623"	-3°35'25.3230"	40,6328228583	-3,5903674954

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	656,000	450.073,337	4.498.169,533	380,482758	615,294	40°37'58.2857"	-3°35'25.3755"	40,6328571385	-3,5903820722
RECTA	660,000	450.072,129	4.498.173,347	380,482758	615,330	40°37'58.4091"	-3°35'25.4280"	40,6328914187	-3,5903966490
RECTA	664,000	450.070,922	4.498.177,160	380,482758	615,362	40°37'58.5326"	-3°35'25.4804"	40,6329256989	-3,5904112259
RECTA	668,000	450.069,715	4.498.180,974	380,482758	615,392	40°37'58.6560"	-3°35'25.5329"	40,6329599792	-3,5904258027
RECTA	672,000	450.068,508	4.498.184,787	380,482758	615,470	40°37'58.7794"	-3°35'25.5854"	40,6329942594	-3,5904403796
RECTA	676,000	450.067,301	4.498.188,601	380,482758	615,470	40°37'58.9028"	-3°35'25.6379"	40,6330285396	-3,5904549564
RECTA	680,000	450.066,094	4.498.192,414	380,482758	615,470	40°37'59.0262"	-3°35'25.6904"	40,6330628198	-3,5904695333
RECTA	684,000	450.064,886	4.498.196,228	380,482758	615,470	40°37'59.1496"	-3°35'25.7428"	40,6330971000	-3,5904841102
RECTA	688,000	450.063,679	4.498.200,041	380,482758	615,470	40°37'59.2730"	-3°35'25.7953"	40,6331313802	-3,5904986871
RECTA	688,000	450.063,679	4.498.200,041	379,896953	615,470	40°37'59.2730"	-3°35'25.7953"	40,6331313802	-3,5904986872
RECTA	692,000	450.062,437	4.498.203,844	379,896953	615,281	40°37'59.3960"	-3°35'25.8493"	40,6331655568	-3,5905136775
RECTA	692,000	450.062,437	4.498.203,844	352,187501	615,281	40°37'59.3960"	-3°35'25.8493"	40,6331655568	-3,5905136775
RECTA	696,000	450.059,707	4.498.206,768	352,187501	615,372	40°37'59.4903"	-3°35'25.9663"	40,6331917314	-3,5905461854
RECTA	700,000	450.056,978	4.498.209,691	352,187501	615,127	40°37'59.5845"	-3°35'26.0833"	40,6332179061	-3,5905786934
RECTA	704,000	450.054,248	4.498.212,615	352,187501	615,062	40°37'59.6787"	-3°35'26.2004"	40,6332440807	-3,5906112014
RECTA	704,000	450.054,248	4.498.212,615	353,727504	615,062	40°37'59.6787"	-3°35'26.2004"	40,6332440807	-3,5906112014
RECTA	708,000	450.051,590	4.498.215,604	353,727504	615,000	40°37'59.7751"	-3°35'26.3144"	40,6332708467	-3,5906428689
RECTA	708,000	450.051,590	4.498.215,604	342,461751	615,000	40°37'59.7751"	-3°35'26.3144"	40,6332708468	-3,5906428689
RECTA	712,000	450.048,447	4.498.218,079	342,461751	615,024	40°37'59.8547"	-3°35'26.4489"	40,6332929477	-3,5906802267
RECTA	712,000	450.048,447	4.498.218,079	343,388963	615,024	40°37'59.8547"	-3°35'26.4489"	40,6332929477	-3,5906802267
RECTA	716,000	450.045,341	4.498.220,599	343,388963	615,000	40°37'59.9357"	-3°35'26.5818"	40,6333154608	-3,5907171581
RECTA	720,000	450.042,235	4.498.223,119	343,388963	614,822	40°38'00.0167"	-3°35'26.7148"	40,6333379739	-3,5907540895
RECTA	720,000	450.042,235	4.498.223,119	338,488751	614,822	40°38'00.0167"	-3°35'26.7148"	40,6333379739	-3,5907540895
RECTA	724,000	450.038,944	4.498.225,393	338,488751	614,853	40°38'00.0898"	-3°35'26.8555"	40,6333582567	-3,5907931839
RECTA	728,000	450.035,653	4.498.227,666	338,488751	614,924	40°38'00.1628"	-3°35'26.9962"	40,6333785396	-3,5908322784
RECTA	732,000	450.032,362	4.498.229,940	338,488751	614,949	40°38'00.2358"	-3°35'27.1370"	40,6333988224	-3,5908713729
RECTA	736,000	450.029,071	4.498.232,214	338,488751	614,961	40°38'00.3088"	-3°35'27.2777"	40,6334191053	-3,5909104674
RECTA	736,000	450.029,071	4.498.232,214	338,923052	614,961	40°38'00.3088"	-3°35'27.2777"	40,6334191053	-3,5909104674
RECTA	740,000	450.025,795	4.498.234,510	338,923052	614,963	40°38'00.3826"	-3°35'27.4178"	40,6334395908	-3,5909493794
RECTA	744,000	450.022,520	4.498.236,806	338,923052	614,960	40°38'00.4563"	-3°35'27.5579"	40,6334600763	-3,5909882914
RECTA	748,000	450.019,245	4.498.239,102	338,923052	614,949	40°38'00.5301"	-3°35'27.6980"	40,6334805618	-3,5910272035
RECTA	752,000	450.015,969	4.498.241,398	338,923052	614,919	40°38'00.6038"	-3°35'27.8381"	40,6335010473	-3,5910661156
RECTA	752,000	450.015,969	4.498.241,398	340,563310	614,919	40°38'00.6038"	-3°35'27.8381"	40,6335010473	-3,5910661156
RECTA	756,000	450.012,754	4.498.243,778	340,563310	614,911	40°38'00.6803"	-3°35'27.9756"	40,6335222897	-3,5911043220
RECTA	760,000	450.009,539	4.498.246,157	340,563310	614,960	40°38'00.7568"	-3°35'28.1131"	40,6335435321	-3,5911425285
RECTA	764,000	450.006,324	4.498.248,537	340,563310	614,985	40°38'00.8332"	-3°35'28.2507"	40,6335647744	-3,5911807350
RECTA	768,000	450.003,109	4.498.250,917	340,563310	615,000	40°38'00.9097"	-3°35'28.3882"	40,6335860168	-3,5912189415
RECTA	768,000	450.003,109	4.498.250,917	337,192656	615,000	40°38'00.9097"	-3°35'28.3882"	40,6335860168	-3,5912189415
RECTA	772,000	449.999,772	4.498.253,123	337,192656	615,280	40°38'00.9805"	-3°35'28.5309"	40,6336056890	-3,5912585701
RECTA	776,000	449.996,436	4.498.255,329	337,192656	615,301	40°38'01.0513"	-3°35'28.6736"	40,6336253611	-3,5912981988
RECTA	780,000	449.993,099	4.498.257,535	337,192656	615,311	40°38'01.1222"	-3°35'28.8162"	40,6336450333	-3,5913378275
RECTA	784,000	449.989,762	4.498.259,741	337,192656	615,313	40°38'01.1930"	-3°35'28.9589"	40,6336647054	-3,5913774561
RECTA	788,000	449.986,426	4.498.261,948	337,192656	615,312	40°38'01.2638"	-3°35'29.1015"	40,6336843775	-3,5914170849
RECTA	792,000	449.983,089	4.498.264,154	337,192656	615,352	40°38'01.3346"	-3°35'29.2442"	40,6337040496	-3,5914567136

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	796,000	449.979,753	4.498.266,360	337,192656	615,342	40°38'01.4054"	-3°35'29.3869"	40,6337237217	-3,5914963424
RECTA	796,000	449.979,753	4.498.266,360	337,192656	615,342	40°38'01.4054"	-3°35'29.3869"	40,6337237218	-3,5914963424

1.13.- PANTALLA PT-13 (PP_A-1_28,5_DI_MI_1, SUBTRAMOS 7 Y 8)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.073,993	4.498.247,575	380,387844	614,213	40°38'00.8168"	-3°35'25.3699"	40,6335602009	-3,5903805059
RECTA	4,000	450.072,780	4.498.251,387	380,387844	614,240	40°38'00.9401"	-3°35'25.4226"	40,6335944645	-3,5903951499
RECTA	8,000	450.071,567	4.498.255,198	380,387844	614,268	40°38'01.0635"	-3°35'25.4753"	40,6336287281	-3,5904097940
RECTA	12,000	450.070,354	4.498.259,010	380,387844	614,295	40°38'01.1868"	-3°35'25.5280"	40,6336629917	-3,5904244380
RECTA	16,000	450.069,141	4.498.262,822	380,387844	614,307	40°38'01.3102"	-3°35'25.5807"	40,6336972553	-3,5904390821
RECTA	20,000	450.067,928	4.498.266,633	380,387844	614,354	40°38'01.4335"	-3°35'25.6335"	40,6337315189	-3,5904537262
RECTA	24,000	450.066,716	4.498.270,445	380,387844	614,396	40°38'01.5569"	-3°35'25.6862"	40,6337657826	-3,5904683703
RECTA	28,000	450.065,503	4.498.274,257	380,387844	614,438	40°38'01.6802"	-3°35'25.7389"	40,6338000462	-3,5904830145
RECTA	32,000	450.064,290	4.498.278,068	380,387844	614,480	40°38'01.8036"	-3°35'25.7916"	40,6338343098	-3,5904976586
RECTA	36,000	450.063,077	4.498.281,880	380,387844	614,510	40°38'01.9269"	-3°35'25.8443"	40,6338685734	-3,5905123028
RECTA	40,000	450.061,864	4.498.285,692	380,387844	614,521	40°38'02.0503"	-3°35'25.8970"	40,6339028370	-3,5905269469
RECTA	44,000	450.060,651	4.498.289,503	380,391704	614,530	40°38'02.1736"	-3°35'25.9498"	40,6339371006	-3,5905415911
RECTA	44,000	450.060,651	4.498.289,503	380,391704	614,530	40°38'02.1736"	-3°35'25.9498"	40,6339371006	-3,5905415911
RECTA	48,000	450.059,439	4.498.293,315	380,391704	614,541	40°38'02.2970"	-3°35'26.0025"	40,6339713648	-3,5905562326
RECTA	48,000	450.059,439	4.498.293,315	358,374464	614,541	40°38'02.2970"	-3°35'26.0025"	40,6339713648	-3,5905562326
RECTA	52,000	450.057,006	4.498.296,490	358,374464	614,562	40°38'02.3994"	-3°35'26.1069"	40,6339998190	-3,5905852538
RECTA	52,000	450.057,006	4.498.296,490	2,996944	614,562	40°38'02.3994"	-3°35'26.1069"	40,6339998190	-3,5905852538
RECTA	56,000	450.057,194	4.498.300,486	380,022349	614,619	40°38'02.5290"	-3°35'26.1001"	40,6340358238	-3,5905833452
RECTA	56,000	450.057,194	4.498.300,486	380,022349	614,619	40°38'02.5290"	-3°35'26.1001"	40,6340358238	-3,5905833452
RECTA	60,000	450.055,959	4.498.304,290	380,022349	614,698	40°38'02.6521"	-3°35'26.1537"	40,6340700228	-3,5905982474
RECTA	64,000	450.054,724	4.498.308,095	380,022349	614,715	40°38'02.7752"	-3°35'26.2074"	40,6341042218	-3,5906131496
RECTA	64,000	450.054,724	4.498.308,095	380,458746	614,715	40°38'02.7752"	-3°35'26.2074"	40,6341042218	-3,5906131496
RECTA	68,000	450.053,516	4.498.311,908	380,458746	614,704	40°38'02.8986"	-3°35'26.2599"	40,6341384978	-3,5906277438
RECTA	72,000	450.052,307	4.498.315,721	380,458746	614,694	40°38'03.0220"	-3°35'26.3125"	40,6341727738	-3,5906423380
RECTA	76,000	450.051,099	4.498.319,534	380,458746	614,702	40°38'03.1454"	-3°35'26.3650"	40,6342070497	-3,5906569322
RECTA	80,000	450.049,890	4.498.323,347	380,458746	614,751	40°38'03.2688"	-3°35'26.4175"	40,6342413257	-3,5906715264
RECTA	84,000	450.048,681	4.498.327,160	380,458746	614,797	40°38'03.3922"	-3°35'26.4701"	40,6342756017	-3,5906861207
RECTA	88,000	450.047,473	4.498.330,973	380,458746	614,844	40°38'03.5156"	-3°35'26.5226"	40,6343098777	-3,5907007149
RECTA	92,000	450.046,264	4.498.334,786	380,458746	614,883	40°38'03.6390"	-3°35'26.5751"	40,6343441537	-3,5907153092
RECTA	96,000	450.045,055	4.498.338,599	380,458746	614,924	40°38'03.7624"	-3°35'26.6277"	40,6343784296	-3,5907299035
RECTA	100,000	450.043,847	4.498.342,412	380,458746	614,980	40°38'03.8858"	-3°35'26.6802"	40,6344127056	-3,5907444978
RECTA	104,000	450.042,638	4.498.346,225	380,458746	615,026	40°38'04.0092"	-3°35'26.7328"	40,6344469816	-3,5907590921
RECTA	108,000	450.041,430	4.498.350,038	380,458746	615,086	40°38'04.1326"	-3°35'26.7853"	40,6344812575	-3,5907736865
RECTA	112,000	450.040,221	4.498.353,851	380,458746	615,115	40°38'04.2560"	-3°35'26.8378"	40,6345155335	-3,5907882808
RECTA	116,000	450.039,012	4.498.357,664	379,992196	615,130	40°38'04.3794"	-3°35'26.8904"	40,6345498095	-3,5908028752
RECTA	116,000	450.039,012	4.498.357,664	379,992196	615,130	40°38'04.3794"	-3°35'26.8904"	40,6345498095	-3,5908028752

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	120,000	450.037,776	4.498.361,469	379,992196	615,149	40°38'04.5025"	-3°35'26.9441"	40,6345840030	-3,5908177989
RECTA	124,000	450.036,539	4.498.365,273	379,992196	615,174	40°38'04.6255"	-3°35'26.9978"	40,6346181966	-3,5908327226
RECTA	128,000	450.035,303	4.498.369,077	379,992196	615,193	40°38'04.7486"	-3°35'27.0516"	40,6346523901	-3,5908476463
RECTA	128,000	450.035,303	4.498.369,077	385,000923	615,193	40°38'04.7486"	-3°35'27.0516"	40,6346523902	-3,5908476463
RECTA	132,000	450.034,369	4.498.372,966	385,000923	615,166	40°38'04.8746"	-3°35'27.0924"	40,6346873715	-3,5908589962

1.14.- PANTALLA PT-14 (PP_A-1_28,5_DI_MI_1_9)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	450.014,773	4.498.398,952	393,804763	615,285	40°38'05.7130"	-3°35'27.9340"	40,6349202785	-3,5910927799
RECTA	4,000	450.014,384	4.498.402,934	393,804763	615,281	40°38'05.8421"	-3°35'27.9517"	40,6349561179	-3,5910976918
RECTA	8,000	450.013,996	4.498.406,915	393,804763	615,502	40°38'05.9711"	-3°35'27.9694"	40,6349919572	-3,5911026037
RECTA	12,000	450.013,607	4.498.410,896	393,804763	615,507	40°38'06.1001"	-3°35'27.9871"	40,6350277965	-3,5911075156
RECTA	16,000	450.013,218	4.498.414,877	393,804763	615,513	40°38'06.2291"	-3°35'28.0048"	40,6350636358	-3,5911124276
RECTA	20,000	450.012,830	4.498.418,858	393,804763	615,523	40°38'06.3581"	-3°35'28.0225"	40,6350994751	-3,5911173395
RECTA	24,000	450.012,441	4.498.422,839	393,804763	615,536	40°38'06.4872"	-3°35'28.0401"	40,6351353144	-3,5911222514
RECTA	28,000	450.012,052	4.498.426,820	393,804763	615,551	40°38'06.6162"	-3°35'28.0578"	40,6351711537	-3,5911271634
RECTA	28,000	450.012,052	4.498.426,820	389,324099	615,551	40°38'06.6162"	-3°35'28.0578"	40,6351711537	-3,5911271634
RECTA	32,000	450.011,385	4.498.430,764	384,367808	615,575	40°38'06.7439"	-3°35'28.0874"	40,6352066412	-3,5911353715
RECTA	32,000	450.011,385	4.498.430,764	384,367808	615,575	40°38'06.7439"	-3°35'28.0874"	40,6352066412	-3,5911353715
RECTA	36,000	450.010,412	4.498.434,644	382,094198	615,500	40°38'06.8696"	-3°35'28.1299"	40,6352415348	-3,5911471777
RECTA	36,000	450.010,412	4.498.434,644	382,094198	615,500	40°38'06.8696"	-3°35'28.1299"	40,6352415348	-3,5911471778
RECTA	40,000	450.009,302	4.498.438,487	382,094198	615,500	40°38'06.9939"	-3°35'28.1782"	40,6352760850	-3,5911606119
RECTA	44,000	450.008,192	4.498.442,329	382,094198	615,499	40°38'07.1183"	-3°35'28.2266"	40,6353106352	-3,5911740461
RECTA	48,000	450.007,081	4.498.446,172	382,094198	615,499	40°38'07.2427"	-3°35'28.2750"	40,6353451854	-3,5911874803
RECTA	48,000	450.007,081	4.498.446,172	380,449177	615,499	40°38'07.2427"	-3°35'28.2750"	40,6353451854	-3,5911874803
RECTA	52,000	450.005,872	4.498.449,985	380,449177	615,510	40°38'07.3661"	-3°35'28.3275"	40,6353794596	-3,5912020819
RECTA	56,000	450.004,663	4.498.453,798	380,449177	615,513	40°38'07.4895"	-3°35'28.3801"	40,6354137338	-3,5912166834
RECTA	60,000	450.003,454	4.498.457,611	380,449177	615,511	40°38'07.6129"	-3°35'28.4327"	40,6354480081	-3,5912312849
RECTA	64,000	450.002,245	4.498.461,424	380,449177	615,500	40°38'07.7363"	-3°35'28.4852"	40,6354822823	-3,5912458865
RECTA	68,000	450.001,035	4.498.465,237	380,449177	615,500	40°38'07.8596"	-3°35'28.5378"	40,6355165565	-3,5912604881
RECTA	72,000	449.999,826	4.498.469,049	380,449177	615,500	40°38'07.9830"	-3°35'28.5904"	40,6355508307	-3,5912750897
RECTA	76,000	449.998,617	4.498.472,862	380,449177	615,500	40°38'08.1064"	-3°35'28.6429"	40,6355851049	-3,5912896913
RECTA	76,000	449.998,617	4.498.472,862	381,692013	615,500	40°38'08.1064"	-3°35'28.6429"	40,6355851049	-3,5912896913
RECTA	80,000	449.997,483	4.498.476,698	381,692013	615,500	40°38'08.2306"	-3°35'28.6923"	40,6356195898	-3,5913034118
RECTA	84,000	449.996,348	4.498.480,534	381,692013	615,500	40°38'08.3547"	-3°35'28.7417"	40,6356540746	-3,5913171324
RECTA	88,000	449.995,213	4.498.484,369	381,692013	615,500	40°38'08.4789"	-3°35'28.7911"	40,6356885594	-3,5913308530
RECTA	88,000	449.995,213	4.498.484,369	392,067403	615,500	40°38'08.4789"	-3°35'28.7911"	40,6356885595	-3,5913308530
RECTA	92,000	449.994,716	4.498.488,338	392,067403	615,500	40°38'08.6075"	-3°35'28.8134"	40,6357242833	-3,5913370470
RECTA	96,000	449.994,219	4.498.492,307	392,067403	615,500	40°38'08.7361"	-3°35'28.8357"	40,6357600071	-3,5913432410
RECTA	96,000	449.994,219	4.498.492,307	380,719057	615,500	40°38'08.7361"	-3°35'28.8357"	40,6357600071	-3,5913432410
RECTA	100,000	449.993,026	4.498.496,125	380,719057	615,446	40°38'08.8596"	-3°35'28.8876"	40,6357943282	-3,5913576518

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	104,000	449.991,833	4.498.499,943	380,719057	615,338	40°38'08.9832"	-3°35'28.9395"	40,6358286492	-3,5913720627
RECTA	108,000	449.990,640	4.498.503,761	380,719057	614,998	40°38'09.1067"	-3°35'28.9913"	40,6358629703	-3,5913864735
RECTA	112,000	449.989,447	4.498.507,579	380,719057	615,000	40°38'09.2303"	-3°35'29.0432"	40,6358972914	-3,5914008844
RECTA	116,000	449.988,254	4.498.511,397	380,719057	615,000	40°38'09.3538"	-3°35'29.0951"	40,6359316124	-3,5914152953
RECTA	120,000	449.987,061	4.498.515,215	380,719057	615,000	40°38'09.4774"	-3°35'29.1470"	40,6359659335	-3,5914297062
RECTA	124,000	449.985,868	4.498.519,033	380,719057	615,000	40°38'09.6010"	-3°35'29.1989"	40,6360002545	-3,5914441171
RECTA	128,000	449.984,675	4.498.522,851	380,719057	615,000	40°38'09.7245"	-3°35'29.2507"	40,6360345755	-3,5914585281
RECTA	128,000	449.984,675	4.498.522,851	380,555225	615,000	40°38'09.7245"	-3°35'29.2507"	40,6360345755	-3,5914585281
RECTA	132,000	449.983,472	4.498.526,666	380,555225	615,000	40°38'09.8480"	-3°35'29.3030"	40,6360688682	-3,5914730549
RECTA	136,000	449.982,269	4.498.530,481	380,555225	615,000	40°38'09.9714"	-3°35'29.3553"	40,6361031609	-3,5914875818
RECTA	140,000	449.981,067	4.498.534,296	380,555225	614,997	40°38'10.0949"	-3°35'29.4076"	40,6361374536	-3,5915021086
RECTA	144,000	449.979,864	4.498.538,110	380,555225	614,954	40°38'10.2183"	-3°35'29.4599"	40,6361717462	-3,5915166355
RECTA	148,000	449.978,661	4.498.541,925	380,555225	614,884	40°38'10.3418"	-3°35'29.5122"	40,6362060389	-3,5915311624
RECTA	152,000	449.977,458	4.498.545,740	380,555225	614,500	40°38'10.4652"	-3°35'29.5645"	40,6362403316	-3,5915456893
RECTA	156,000	449.976,255	4.498.549,555	380,555225	614,122	40°38'10.5887"	-3°35'29.6168"	40,6362746242	-3,5915602163
RECTA	160,000	449.975,052	4.498.553,370	380,555225	613,994	40°38'10.7121"	-3°35'29.6691"	40,6363089169	-3,5915747432
RECTA	160,000	449.975,052	4.498.553,370	377,317642	613,994	40°38'10.7121"	-3°35'29.6691"	40,6363089169	-3,5915747432
RECTA	164,000	449.973,657	4.498.557,119	377,317642	613,805	40°38'10.8334"	-3°35'29.7296"	40,6363426026	-3,5915915397
RECTA	168,000	449.972,262	4.498.560,867	377,317642	613,517	40°38'10.9547"	-3°35'29.7900"	40,6363762884	-3,5916083362
RECTA	172,000	449.970,867	4.498.564,616	377,317642	613,044	40°38'11.0759"	-3°35'29.8505"	40,6364099742	-3,5916251327
RECTA	176,000	449.969,471	4.498.568,365	377,317642	612,965	40°38'11.1972"	-3°35'29.9110"	40,6364436599	-3,5916419292
RECTA	176,000	449.969,471	4.498.568,365	377,317642	612,965	40°38'11.1972"	-3°35'29.9110"	40,6364436599	-3,5916419292

1.15.- PANTALLA PT-15 (PP_A-1_35_DI_MI_1, SUBTRAMOS 1 A 3)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	448.305,960	4.502.736,401	1,641841	637,785	40°40'25.9968"	-3°36'41.9607"	40,6738879815	-3,6116557447
RECTA	4,000	448.306,063	4.502.740,400	1,641841	637,679	40°40'26.1265"	-3°36'41.9575"	40,6739240089	-3,6116548534
RECTA	8,000	448.306,166	4.502.744,399	1,641841	637,487	40°40'26.2562"	-3°36'41.9543"	40,6739600363	-3,6116539622
RECTA	8,000	448.306,166	4.502.744,399	2,180045	637,487	40°40'26.2562"	-3°36'41.9543"	40,6739600363	-3,6116539622
RECTA	12,000	448.306,303	4.502.748,396	2,180045	637,418	40°40'26.3858"	-3°36'41.9497"	40,6739960567	-3,6116526710
RECTA	16,000	448.306,440	4.502.752,394	3,202728	637,136	40°40'26.5155"	-3°36'41.9450"	40,6740320771	-3,6116513797
RECTA	16,000	448.306,440	4.502.752,394	3,202728	637,136	40°40'26.5155"	-3°36'41.9450"	40,6740320771	-3,6116513797
RECTA	20,000	448.306,641	4.502.756,389	3,202728	637,081	40°40'26.6451"	-3°36'41.9376"	40,6740680771	-3,6116493287
RECTA	24,000	448.306,842	4.502.760,384	3,202728	636,935	40°40'26.7747"	-3°36'41.9302"	40,6741040770	-3,6116472777
RECTA	24,000	448.306,842	4.502.760,384	3,696182	636,935	40°40'26.7747"	-3°36'41.9302"	40,6741040770	-3,6116472777
RECTA	28,000	448.307,074	4.502.764,377	3,696182	636,892	40°40'26.9043"	-3°36'41.9215"	40,6741400638	-3,6116448602
RECTA	32,000	448.307,306	4.502.768,370	4,111761	636,749	40°40'27.0338"	-3°36'41.9128"	40,6741760506	-3,6116424427
RECTA	32,000	448.307,306	4.502.768,370	4,111761	636,749	40°40'27.0338"	-3°36'41.9128"	40,6741760506	-3,6116424427
RECTA	36,000	448.307,564	4.502.772,362	4,111761	636,681	40°40'27.1633"	-3°36'41.9030"	40,6742120246	-3,6116397168
RECTA	36,000	448.307,564	4.502.772,362	2,982501	636,681	40°40'27.1633"	-3°36'41.9030"	40,6742120246	-3,6116397168
RECTA	40,000	448.307,752	4.502.776,358	2,982501	636,227	40°40'27.2929"	-3°36'41.8962"	40,6742480297	-3,6116378293

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	44,000	448.307,939	4.502.780,353	1,019335	634,716	40°40'27.4226"	-3°36'41.8894"	40,6742840349	-3,6116359418
RECTA	44,000	448.307,939	4.502.780,353	1,019335	634,716	40°40'27.4226"	-3°36'41.8894"	40,6742840349	-3,6116359418
RECTA	48,000	448.308,003	4.502.784,353	1,019335	634,156	40°40'27.5523"	-3°36'41.8879"	40,6743200672	-3,6116355133
RECTA	52,000	448.308,067	4.502.788,352	1,019335	632,536	40°40'27.6820"	-3°36'41.8863"	40,6743560995	-3,6116350848
RECTA	52,000	448.308,067	4.502.788,352	1,700502	632,536	40°40'27.6820"	-3°36'41.8863"	40,6743560996	-3,6116350848
RECTA	56,000	448.308,174	4.502.792,351	1,700502	628,737	40°40'27.8117"	-3°36'41.8830"	40,6743921263	-3,6116341500
RECTA	60,000	448.308,281	4.502.796,349	1,700502	630,004	40°40'27.9414"	-3°36'41.8796"	40,6744281531	-3,6116332152
RECTA	64,000	448.308,388	4.502.800,348	1,700502	629,991	40°40'28.0711"	-3°36'41.8762"	40,6744641799	-3,6116322803
RECTA	68,000	448.308,495	4.502.804,347	18,879090	630,464	40°40'28.2008"	-3°36'41.8729"	40,6745002067	-3,6116313455
RECTA	68,000	448.308,495	4.502.804,347	18,879090	630,464	40°40'28.2008"	-3°36'41.8729"	40,6745002067	-3,6116313455
RECTA	72,000	448.309,663	4.502.808,172	4,787547	631,209	40°40'28.3251"	-3°36'41.8242"	40,6745347400	-3,6116178303
RECTA	72,000	448.309,663	4.502.808,172	4,787547	631,209	40°40'28.3251"	-3°36'41.8242"	40,6745347400	-3,6116178303
RECTA	76,000	448.309,964	4.502.812,161	4,787547	633,619	40°40'28.4545"	-3°36'41.8126"	40,6745706900	-3,6116146029
RECTA	80,000	448.310,264	4.502.816,149	4,787547	637,286	40°40'28.5839"	-3°36'41.8010"	40,6746066399	-3,6116113755
RECTA	80,000	448.310,264	4.502.816,149	4,880088	637,286	40°40'28.5839"	-3°36'41.8010"	40,6746066399	-3,6116113755
RECTA	84,000	448.310,571	4.502.820,138	4,880088	637,419	40°40'28.7133"	-3°36'41.7891"	40,6746425862	-3,6116080795
RECTA	88,000	448.310,877	4.502.824,126	4,880088	637,494	40°40'28.8428"	-3°36'41.7773"	40,6746785325	-3,6116047835
RECTA	92,000	448.311,183	4.502.828,114	4,880088	637,623	40°40'28.9722"	-3°36'41.7654"	40,6747144789	-3,6116014874
RECTA	96,000	448.311,490	4.502.832,102	4,880088	637,817	40°40'29.1016"	-3°36'41.7535"	40,6747504252	-3,6115981914
RECTA	96,000	448.311,490	4.502.832,102	393,515433	637,817	40°40'29.1016"	-3°36'41.7535"	40,6747504252	-3,6115981914
RECTA	100,000	448.311,083	4.502.836,082	393,515433	637,942	40°40'29.2305"	-3°36'41.7720"	40,6747862459	-3,6116033313
RECTA	104,000	448.310,676	4.502.840,061	393,515433	638,046	40°40'29.3595"	-3°36'41.7905"	40,6748220665	-3,6116084713
RECTA	108,000	448.310,270	4.502.844,040	393,515433	638,424	40°40'29.4884"	-3°36'41.8090"	40,6748578872	-3,6116136112
RECTA	112,000	448.309,863	4.502.848,019	393,515433	638,506	40°40'29.6174"	-3°36'41.8275"	40,6748937079	-3,6116187512
RECTA	116,000	448.309,456	4.502.851,999	393,515433	638,640	40°40'29.7463"	-3°36'41.8460"	40,6749295286	-3,6116238911
RECTA	116,000	448.309,456	4.502.851,999	10,889890	638,640	40°40'29.7463"	-3°36'41.8460"	40,6749295286	-3,6116238911
RECTA	120,000	448.310,137	4.502.855,940	10,889890	638,775	40°40'29.8743"	-3°36'41.8182"	40,6749650783	-3,6116161593
RECTA	124,000	448.310,818	4.502.859,882	10,889890	639,133	40°40'30.0023"	-3°36'41.7904"	40,6750006280	-3,6116084276
RECTA	124,000	448.310,818	4.502.859,882	30,443186	639,133	40°40'30.0023"	-3°36'41.7904"	40,6750006280	-3,6116084276
RECTA	128,000	448.312,659	4.502.863,433	30,443186	639,492	40°40'30.1179"	-3°36'41.7130"	40,6750327343	-3,6115869408
RECTA	132,000	448.314,499	4.502.866,985	30,443186	639,661	40°40'30.2335"	-3°36'41.6357"	40,6750648406	-3,6115654540
RECTA	132,000	448.314,499	4.502.866,985	30,443186	639,661	40°40'30.2335"	-3°36'41.6357"	40,6750648406	-3,6115654540

1.16.- PANTALLA PT-16 (PP_A-1_35_DI_MI_1_4)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	448.239,667	4.502.880,851	125,153822	647,624	40°40'30.6662"	-3°36'44.8272"	40,6751850557	-3,6124519941
RECTA	4,000	448.243,359	4.502.879,311	125,153822	647,666	40°40'30.6171"	-3°36'44.6695"	40,6751714178	-3,6124081864
RECTA	8,000	448.247,051	4.502.877,771	125,153822	647,683	40°40'30.5680"	-3°36'44.5118"	40,6751577799	-3,6123643787
RECTA	12,000	448.250,743	4.502.876,232	125,153822	647,709	40°40'30.5190"	-3°36'44.3541"	40,6751441420	-3,6123205710
RECTA	16,000	448.254,435	4.502.874,692	125,153822	647,705	40°40'30.4699"	-3°36'44.1964"	40,6751305040	-3,6122767633
RECTA	20,000	448.258,126	4.502.873,152	125,153822	647,691	40°40'30.4208"	-3°36'44.0387"	40,6751168660	-3,6122329557

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	24,000	448.261,818	4.502.871,613	125,153822	647,803	40°40'30.3717"	-3°36'43.8810"	40,6751032280	-3,6121891481
RECTA	24,000	448.261,818	4.502.871,613	112,212252	647,803	40°40'30.3717"	-3°36'43.8810"	40,6751032280	-3,6121891481
RECTA	28,000	448.265,745	4.502.870,850	112,212252	647,900	40°40'30.3478"	-3°36'43.7135"	40,6750966045	-3,6121426261
RECTA	28,000	448.265,745	4.502.870,850	83,409674	647,900	40°40'30.3478"	-3°36'43.7135"	40,6750966045	-3,6121426261
RECTA	32,000	448.269,610	4.502.871,881	83,409674	648,022	40°40'30.3821"	-3°36'43.5492"	40,6751061312	-3,6120969818
RECTA	36,000	448.273,475	4.502.872,911	83,409674	648,067	40°40'30.4164"	-3°36'43.3849"	40,6751156579	-3,6120513375
RECTA	40,000	448.277,340	4.502.873,942	83,409674	648,069	40°40'30.4507"	-3°36'43.2205"	40,6751251846	-3,6120056932
RECTA	44,000	448.281,205	4.502.874,973	83,409674	648,049	40°40'30.4850"	-3°36'43.0562"	40,6751347112	-3,6119600488
RECTA	48,000	448.285,070	4.502.876,003	83,409674	648,014	40°40'30.5193"	-3°36'42.8919"	40,6751442379	-3,6119144045
RECTA	52,000	448.288,934	4.502.877,034	83,409674	647,956	40°40'30.5536"	-3°36'42.7276"	40,6751537645	-3,6118687601
RECTA	56,000	448.292,799	4.502.878,064	83,409674	647,714	40°40'30.5879"	-3°36'42.5633"	40,6751632911	-3,6118231157
RECTA	56,000	448.292,799	4.502.878,064	381,257944	647,714	40°40'30.5879"	-3°36'42.5633"	40,6751632911	-3,6118231157
RECTA	60,000	448.291,639	4.502.881,892	381,257944	648,082	40°40'30.7118"	-3°36'42.6138"	40,6751977010	-3,6118371636
RECTA	60,000	448.291,639	4.502.881,892	11,092328	648,082	40°40'30.7118"	-3°36'42.6138"	40,6751977010	-3,6118371636
RECTA	64,000	448.292,332	4.502.885,832	11,092328	647,981	40°40'30.8397"	-3°36'42.5855"	40,6752332318	-3,6118292835
RECTA	68,000	448.293,026	4.502.889,771	11,092328	648,111	40°40'30.9676"	-3°36'42.5571"	40,6752687626	-3,6118214034
RECTA	68,000	448.293,026	4.502.889,771	9,351254	648,111	40°40'30.9676"	-3°36'42.5571"	40,6752687626	-3,6118214034
RECTA	72,000	448.293,611	4.502.893,728	9,351254	648,219	40°40'31.0960"	-3°36'42.5333"	40,6753044442	-3,6118148023
RECTA	76,000	448.294,197	4.502.897,685	9,351254	648,310	40°40'31.2245"	-3°36'42.5096"	40,6753401259	-3,6118082013
RECTA	76,000	448.294,197	4.502.897,685	9,714918	648,310	40°40'31.2245"	-3°36'42.5096"	40,6753401259	-3,6118082013
RECTA	80,000	448.294,805	4.502.901,639	9,714918	648,476	40°40'31.3528"	-3°36'42.4848"	40,6753757782	-3,6118013326
RECTA	80,000	448.294,805	4.502.901,639	9,370502	648,476	40°40'31.3528"	-3°36'42.4848"	40,6753757782	-3,6118013326
RECTA	84,000	448.295,391	4.502.905,595	9,370502	648,519	40°40'31.4813"	-3°36'42.4610"	40,6754114583	-3,6117947174
RECTA	88,000	448.295,978	4.502.909,552	9,370502	648,523	40°40'31.6097"	-3°36'42.4372"	40,6754471383	-3,6117881021
RECTA	92,000	448.296,564	4.502.913,509	9,370502	648,560	40°40'31.7382"	-3°36'42.4134"	40,6754828184	-3,6117814869
RECTA	96,000	448.297,151	4.502.917,466	9,370502	648,553	40°40'31.8666"	-3°36'42.3896"	40,6755184985	-3,6117748716
RECTA	100,000	448.297,738	4.502.921,422	9,370502	648,588	40°40'31.9951"	-3°36'42.3658"	40,6755541786	-3,6117682564
RECTA	104,000	448.298,324	4.502.925,379	9,370502	648,725	40°40'32.1235"	-3°36'42.3419"	40,6755898587	-3,6117616411
RECTA	104,000	448.298,324	4.502.925,379	8,648403	648,725	40°40'32.1235"	-3°36'42.3419"	40,6755898587	-3,6117616411
RECTA	108,000	448.298,866	4.502.929,342	8,648403	648,836	40°40'32.2522"	-3°36'42.3200"	40,6756255936	-3,6117555578
RECTA	112,000	448.299,408	4.502.933,305	8,648403	648,871	40°40'32.3808"	-3°36'42.2981"	40,6756613285	-3,6117494745
RECTA	116,000	448.299,950	4.502.937,269	8,648403	648,906	40°40'32.5095"	-3°36'42.2762"	40,6756970634	-3,6117433912
RECTA	116,000	448.299,950	4.502.937,269	9,140186	648,906	40°40'32.5095"	-3°36'42.2762"	40,6756970634	-3,6117433912
RECTA	120,000	448.300,522	4.502.941,227	9,140186	648,932	40°40'32.6380"	-3°36'42.2530"	40,6757327615	-3,6117369455
RECTA	124,000	448.301,094	4.502.945,186	9,140186	648,953	40°40'32.7665"	-3°36'42.2298"	40,6757684595	-3,6117304997
RECTA	128,000	448.301,667	4.502.949,145	9,140186	649,000	40°40'32.8950"	-3°36'42.2066"	40,6758041576	-3,6117240540
RECTA	132,000	448.302,239	4.502.953,104	9,140186	649,020	40°40'33.0235"	-3°36'42.1834"	40,6758398557	-3,6117176083
RECTA	136,000	448.302,811	4.502.957,063	9,140186	649,034	40°40'33.1520"	-3°36'42.1602"	40,6758755537	-3,6117111626
RECTA	140,000	448.303,384	4.502.961,022	9,140186	649,052	40°40'33.2805"	-3°36'42.1370"	40,6759112518	-3,6117047168
RECTA	144,000	448.303,956	4.502.964,980	9,140186	649,070	40°40'33.4091"	-3°36'42.1138"	40,6759469498	-3,6116982711
RECTA	144,000	448.303,956	4.502.964,980	9,230076	649,070	40°40'33.4091"	-3°36'42.1138"	40,6759469499	-3,6116982711
RECTA	148,000	448.304,534	4.502.968,938	9,230076	649,079	40°40'33.5375"	-3°36'42.0904"	40,6759826409	-3,6116917591
RECTA	152,000	448.305,112	4.502.972,897	9,230076	649,052	40°40'33.6660"	-3°36'42.0669"	40,6760183320	-3,6116852471
RECTA	156,000	448.305,690	4.502.976,855	9,230076	649,070	40°40'33.7945"	-3°36'42.0435"	40,6760540231	-3,6116787352

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	160,000	448.306,268	4.502.980,813	9,230076	649,096	40°40'33.9230"	-3°36'42.0200"	40,6760897142	-3,6116722232
RECTA	164,000	448.306,845	4.502.984,771	9,230076	649,114	40°40'34.0515"	-3°36'41.9966"	40,6761254053	-3,6116657112
RECTA	168,000	448.307,423	4.502.988,729	9,230076	649,135	40°40'34.1800"	-3°36'41.9732"	40,6761610964	-3,6116591992
RECTA	172,000	448.308,001	4.502.992,687	9,230076	649,130	40°40'34.3085"	-3°36'41.9497"	40,6761967875	-3,6116526872
RECTA	176,000	448.308,579	4.502.996,645	9,230076	649,115	40°40'34.4370"	-3°36'41.9263"	40,6762324786	-3,6116461752
RECTA	180,000	448.309,157	4.503.000,603	9,230076	649,136	40°40'34.5655"	-3°36'41.9028"	40,6762681697	-3,6116396632
RECTA	180,000	448.309,157	4.503.000,603	9,430428	649,136	40°40'34.5655"	-3°36'41.9028"	40,6762681697	-3,6116396632
RECTA	184,000	448.309,747	4.503.004,559	9,430428	649,165	40°40'34.6939"	-3°36'41.8788"	40,6763038450	-3,6116330037
RECTA	188,000	448.310,338	4.503.008,515	9,430428	649,178	40°40'34.8223"	-3°36'41.8549"	40,6763395203	-3,6116263442
RECTA	192,000	448.310,928	4.503.012,471	9,430428	649,170	40°40'34.9507"	-3°36'41.8309"	40,6763751956	-3,6116196846
RECTA	196,000	448.311,519	4.503.016,428	9,430428	649,217	40°40'35.0792"	-3°36'41.8069"	40,6764108710	-3,6116130251
RECTA	200,000	448.312,109	4.503.020,384	9,430428	649,198	40°40'35.2076"	-3°36'41.7830"	40,6764465463	-3,6116063656
RECTA	204,000	448.312,699	4.503.024,340	9,430428	649,220	40°40'35.3360"	-3°36'41.7590"	40,6764822216	-3,6115997060
RECTA	208,000	448.313,290	4.503.028,296	9,430428	649,178	40°40'35.4645"	-3°36'41.7350"	40,6765178969	-3,6115930464
RECTA	212,000	448.313,880	4.503.032,252	9,430428	649,121	40°40'35.5929"	-3°36'41.7110"	40,6765535722	-3,6115863869
RECTA	216,000	448.314,470	4.503.036,208	9,430428	649,047	40°40'35.7213"	-3°36'41.6871"	40,6765892475	-3,6115797273
RECTA	220,000	448.315,061	4.503.040,165	9,430428	648,940	40°40'35.8498"	-3°36'41.6631"	40,6766249228	-3,6115730677
RECTA	224,000	448.315,651	4.503.044,121	9,430428	648,916	40°40'35.9782"	-3°36'41.6391"	40,6766605981	-3,6115664081
RECTA	224,000	448.315,651	4.503.044,121	9,460124	648,916	40°40'35.9782"	-3°36'41.6391"	40,6766605981	-3,6115664081
RECTA	228,000	448.316,243	4.503.048,077	9,460124	648,907	40°40'36.1066"	-3°36'41.6151"	40,6766962711	-3,6115597267
RECTA	232,000	448.316,836	4.503.052,033	9,460124	648,941	40°40'36.2350"	-3°36'41.5910"	40,6767319440	-3,6115530452
RECTA	236,000	448.317,428	4.503.055,989	9,460124	649,018	40°40'36.3635"	-3°36'41.5669"	40,6767676169	-3,6115463638
RECTA	236,000	448.317,428	4.503.055,989	9,460124	649,018	40°40'36.3635"	-3°36'41.5669"	40,6767676169	-3,6115463638

1.17.- PANTALLA PT-17 (PP_A-1_35_DI_MI_1_5)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	448.308,220	4.503.070,488	5,049119	651,973	40°40'36.8316"	-3°36'41.9634"	40,6768976522	-3,6116565011
RECTA	4,000	448.308,537	4.503.074,475	5,049119	652,379	40°40'36.9610"	-3°36'41.9511"	40,6769335917	-3,6116530797
RECTA	8,000	448.308,854	4.503.078,463	5,049119	652,565	40°40'37.0904"	-3°36'41.9388"	40,6769695313	-3,6116496582
RECTA	12,000	448.309,171	4.503.082,450	5,049119	652,791	40°40'37.2197"	-3°36'41.9265"	40,6770054708	-3,6116462367
RECTA	16,000	448.309,488	4.503.086,438	5,049119	653,203	40°40'37.3491"	-3°36'41.9142"	40,6770414103	-3,6116428153
RECTA	20,000	448.309,805	4.503.090,425	5,049119	653,545	40°40'37.4785"	-3°36'41.9019"	40,6770773498	-3,6116393938
RECTA	24,000	448.310,122	4.503.094,412	5,049119	653,828	40°40'37.6079"	-3°36'41.8895"	40,6771132893	-3,6116359723
RECTA	28,000	448.310,439	4.503.098,400	5,049765	654,071	40°40'37.7373"	-3°36'41.8772"	40,6771492288	-3,6116325508
RECTA	28,000	448.310,439	4.503.098,400	5,049765	654,071	40°40'37.7373"	-3°36'41.8772"	40,6771492288	-3,6116325508
RECTA	32,000	448.310,756	4.503.102,387	5,049765	654,382	40°40'37.8666"	-3°36'41.8649"	40,6771851683	-3,6116291289
RECTA	36,000	448.311,073	4.503.106,375	5,049765	654,178	40°40'37.9960"	-3°36'41.8526"	40,6772211078	-3,6116257069
RECTA	40,000	448.311,390	4.503.110,362	5,049765	654,220	40°40'38.1254"	-3°36'41.8403"	40,6772570473	-3,6116222849
RECTA	44,000	448.311,706	4.503.114,350	6,638492	654,337	40°40'38.2548"	-3°36'41.8279"	40,6772929868	-3,6116188630
RECTA	44,000	448.311,706	4.503.114,350	6,638492	654,337	40°40'38.2548"	-3°36'41.8279"	40,6772929868	-3,6116188630
RECTA	48,000	448.312,123	4.503.118,328	6,638492	654,362	40°40'38.3839"	-3°36'41.8114"	40,6773288501	-3,6116142641

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	52,000	448.312,539	4.503.122,306	6,638492	654,439	40°40'38.5130"	-3°36'41.7948"	40,6773647134	-3,6116096653
RECTA	56,000	448.312,956	4.503.126,284	6,638492	654,530	40°40'38.6421"	-3°36'41.7783"	40,6774005767	-3,6116050664
RECTA	60,000	448.313,372	4.503.130,263	3,899407	654,508	40°40'38.7712"	-3°36'41.7617"	40,6774364400	-3,6116004676
RECTA	60,000	448.313,372	4.503.130,263	3,899407	654,508	40°40'38.7712"	-3°36'41.7617"	40,6774364400	-3,6116004676
RECTA	64,000	448.313,617	4.503.134,255	3,899407	654,511	40°40'38.9008"	-3°36'41.7525"	40,6774724206	-3,6115978991
RECTA	68,000	448.313,862	4.503.138,248	3,899407	654,523	40°40'39.0303"	-3°36'41.7432"	40,6775084013	-3,6115953306
RECTA	72,000	448.314,106	4.503.142,240	3,899407	654,514	40°40'39.1598"	-3°36'41.7340"	40,6775443820	-3,6115927621
RECTA	76,000	448.314,351	4.503.146,233	3,899407	654,508	40°40'39.2893"	-3°36'41.7247"	40,6775803627	-3,6115901936
RECTA	80,000	448.314,596	4.503.150,225	3,899407	654,509	40°40'39.4189"	-3°36'41.7155"	40,6776163434	-3,6115876252
RECTA	84,000	448.314,841	4.503.154,218	3,899407	654,493	40°40'39.5484"	-3°36'41.7062"	40,6776523241	-3,6115850567
RECTA	88,000	448.315,086	4.503.158,210	3,899407	654,404	40°40'39.6779"	-3°36'41.6970"	40,6776883048	-3,6115824882
RECTA	92,000	448.315,331	4.503.162,203	3,899407	654,387	40°40'39.8075"	-3°36'41.6877"	40,6777242855	-3,6115799197
RECTA	96,000	448.315,576	4.503.166,195	4,330842	654,501	40°40'39.9370"	-3°36'41.6785"	40,6777602662	-3,6115773512
RECTA	96,000	448.315,576	4.503.166,195	4,330842	654,501	40°40'39.9370"	-3°36'41.6785"	40,6777602662	-3,6115773512
RECTA	100,000	448.315,847	4.503.170,186	4,330842	654,515	40°40'40.0665"	-3°36'41.6681"	40,6777962328	-3,6115744625
RECTA	104,000	448.316,119	4.503.174,177	4,330842	654,571	40°40'40.1960"	-3°36'41.6577"	40,6778321994	-3,6115715738
RECTA	108,000	448.316,391	4.503.178,167	4,330842	654,585	40°40'40.3254"	-3°36'41.6473"	40,6778681660	-3,6115686850
RECTA	112,000	448.316,663	4.503.182,158	4,330842	654,522	40°40'40.4549"	-3°36'41.6369"	40,6779041327	-3,6115657963
RECTA	116,000	448.316,935	4.503.186,149	8,319735	654,454	40°40'40.5844"	-3°36'41.6265"	40,6779400993	-3,6115629076
RECTA	116,000	448.316,935	4.503.186,149	8,319735	654,454	40°40'40.5844"	-3°36'41.6265"	40,6779400993	-3,6115629076
RECTA	120,000	448.317,456	4.503.190,115	8,319735	654,517	40°40'40.7131"	-3°36'41.6055"	40,6779758576	-3,6115570664
RECTA	124,000	448.317,978	4.503.194,081	8,319735	654,528	40°40'40.8419"	-3°36'41.5844"	40,6780116159	-3,6115512252
RECTA	128,000	448.318,499	4.503.198,047	8,319735	654,573	40°40'40.9706"	-3°36'41.5634"	40,6780473742	-3,6115453840
RECTA	128,000	448.318,499	4.503.198,047	5,117713	654,573	40°40'40.9706"	-3°36'41.5634"	40,6780473742	-3,6115453840
RECTA	132,000	448.318,820	4.503.202,034	5,117713	654,589	40°40'41.1000"	-3°36'41.5509"	40,6780833109	-3,6115419115
RECTA	136,000	448.319,141	4.503.206,021	5,117713	654,545	40°40'41.2293"	-3°36'41.5384"	40,6781192476	-3,6115384391
RECTA	140,000	448.319,463	4.503.210,008	5,117713	654,535	40°40'41.3587"	-3°36'41.5259"	40,6781551843	-3,6115349667
RECTA	144,000	448.319,784	4.503.213,995	5,117713	654,540	40°40'41.4881"	-3°36'41.5134"	40,6781911210	-3,6115314942
RECTA	148,000	448.320,105	4.503.217,982	5,117713	654,543	40°40'41.6174"	-3°36'41.5009"	40,6782270576	-3,6115280218
RECTA	152,000	448.320,426	4.503.221,969	3,879192	654,594	40°40'41.7468"	-3°36'41.4884"	40,6782629943	-3,6115245493
RECTA	152,000	448.320,426	4.503.221,969	3,879192	654,594	40°40'41.7468"	-3°36'41.4884"	40,6782629943	-3,6115245493
RECTA	156,000	448.320,670	4.503.225,962	3,879192	654,644	40°40'41.8764"	-3°36'41.4792"	40,6782989756	-3,6115219958
RECTA	160,000	448.320,913	4.503.229,954	3,879192	654,545	40°40'42.0059"	-3°36'41.4700"	40,6783349569	-3,6115194423
RECTA	160,000	448.320,913	4.503.229,954	4,588533	654,545	40°40'42.0059"	-3°36'41.4700"	40,6783349569	-3,6115194423
RECTA	164,000	448.321,201	4.503.233,944	4,588533	654,128	40°40'42.1353"	-3°36'41.4589"	40,6783709144	-3,6115163623
RECTA	168,000	448.321,489	4.503.237,933	4,588533	653,497	40°40'42.2648"	-3°36'41.4479"	40,6784068718	-3,6115132823
RECTA	168,000	448.321,489	4.503.237,933	6,561175	653,497	40°40'42.2648"	-3°36'41.4479"	40,6784068718	-3,6115132823
RECTA	172,000	448.321,901	4.503.241,912	6,561175	652,780	40°40'42.3939"	-3°36'41.4315"	40,6784427393	-3,6115087406
RECTA	176,000	448.322,312	4.503.245,891	6,561175	652,067	40°40'42.5230"	-3°36'41.4152"	40,6784786068	-3,6115041988
RECTA	180,000	448.322,724	4.503.249,870	6,561175	651,321	40°40'42.6521"	-3°36'41.3988"	40,6785144743	-3,6114996570
RECTA	180,000	448.322,724	4.503.249,870	6,561175	651,321	40°40'42.6521"	-3°36'41.3988"	40,6785144743	-3,6114996570

1.18.- PANTALLA PT-18 (PP_A-1_35_DI_MI_1_6)

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	0,000	448.336,257	4.503.239,056	5,213360	649,868	40°40'42.3045"	-3°36'40.8191"	40,6784179130	-3,6113386389
RECTA	4,000	448.336,584	4.503.243,043	5,213360	649,865	40°40'42.4339"	-3°36'40.8064"	40,6784538457	-3,6113350955
RECTA	8,000	448.336,911	4.503.247,030	5,213360	649,859	40°40'42.5632"	-3°36'40.7936"	40,6784897783	-3,6113315520
RECTA	12,000	448.337,239	4.503.251,016	5,213360	649,711	40°40'42.6926"	-3°36'40.7809"	40,6785257110	-3,6113280085
RECTA	16,000	448.337,566	4.503.255,003	5,213360	649,578	40°40'42.8220"	-3°36'40.7681"	40,6785616436	-3,6113244650
RECTA	20,000	448.337,893	4.503.258,989	5,213360	649,422	40°40'42.9513"	-3°36'40.7554"	40,6785975763	-3,6113209215
RECTA	24,000	448.338,220	4.503.262,976	5,213360	649,246	40°40'43.0807"	-3°36'40.7426"	40,6786335090	-3,6113173780
RECTA	28,000	448.338,547	4.503.266,963	5,213360	649,109	40°40'43.2100"	-3°36'40.7298"	40,6786694416	-3,6113138345
RECTA	32,000	448.338,875	4.503.270,949	5,213360	649,093	40°40'43.3394"	-3°36'40.7171"	40,6787053743	-3,6113102910
RECTA	36,000	448.339,202	4.503.274,936	5,213360	648,952	40°40'43.4687"	-3°36'40.7043"	40,6787413069	-3,6113067475
RECTA	40,000	448.339,529	4.503.278,922	5,213360	648,928	40°40'43.5981"	-3°36'40.6916"	40,6787772396	-3,6113032040
RECTA	44,000	448.339,856	4.503.282,909	5,213360	648,909	40°40'43.7275"	-3°36'40.6788"	40,6788131723	-3,6112996605
RECTA	48,000	448.340,183	4.503.286,895	5,213360	648,885	40°40'43.8568"	-3°36'40.6661"	40,6788491049	-3,6112961170
RECTA	52,000	448.340,511	4.503.290,882	5,213360	648,786	40°40'43.9862"	-3°36'40.6533"	40,6788850376	-3,6112925735
RECTA	56,000	448.340,838	4.503.294,869	5,213360	648,378	40°40'44.1155"	-3°36'40.6405"	40,6789209702	-3,6112890300
RECTA	56,000	448.340,838	4.503.294,869	384,815807	648,378	40°40'44.1155"	-3°36'40.6405"	40,6789209702	-3,6112890300
RECTA	60,000	448.339,893	4.503.298,755	384,815807	647,709	40°40'44.2414"	-3°36'40.6820"	40,6789559239	-3,6113005319
RECTA	64,000	448.338,948	4.503.302,642	384,815807	646,229	40°40'44.3672"	-3°36'40.7234"	40,6789908775	-3,6113120338
RECTA	64,000	448.338,948	4.503.302,642	5,297209	646,229	40°40'44.3672"	-3°36'40.7234"	40,6789908775	-3,6113120338
RECTA	68,000	448.339,280	4.503.306,628	5,297209	644,500	40°40'44.4965"	-3°36'40.7104"	40,6790268066	-3,6113084281
RECTA	72,000	448.339,613	4.503.310,615	5,297209	645,000	40°40'44.6259"	-3°36'40.6974"	40,6790627356	-3,6113048224
RECTA	72,000	448.339,613	4.503.310,615	15,462211	645,000	40°40'44.6259"	-3°36'40.6974"	40,6790627356	-3,6113048224
RECTA	76,000	448.340,575	4.503.314,497	15,462211	646,534	40°40'44.7520"	-3°36'40.6576"	40,6790977712	-3,6112937591
RECTA	80,000	448.341,537	4.503.318,380	15,462211	647,500	40°40'44.8781"	-3°36'40.6177"	40,6791328068	-3,6112826958
RECTA	84,000	448.342,499	4.503.322,262	15,462211	648,000	40°40'45.0043"	-3°36'40.5779"	40,6791678424	-3,6112716325
RECTA	88,000	448.343,461	4.503.326,145	5,522280	648,077	40°40'45.1304"	-3°36'40.5381"	40,6792028780	-3,6112605691
RECTA	88,000	448.343,461	4.503.326,145	5,522280	648,077	40°40'45.1304"	-3°36'40.5381"	40,6792028780	-3,6112605691
RECTA	92,000	448.343,807	4.503.330,130	5,522280	648,545	40°40'45.2597"	-3°36'40.5245"	40,6792387971	-3,6112567966
RECTA	96,000	448.344,154	4.503.334,115	5,522280	648,584	40°40'45.3890"	-3°36'40.5109"	40,6792747163	-3,6112530240
RECTA	100,000	448.344,500	4.503.338,100	5,522280	648,889	40°40'45.5183"	-3°36'40.4973"	40,6793106354	-3,6112492515
RECTA	104,000	448.344,847	4.503.342,085	5,522280	649,025	40°40'45.6476"	-3°36'40.4838"	40,6793465546	-3,6112454789
RECTA	108,000	448.345,193	4.503.346,070	5,522280	649,033	40°40'45.7769"	-3°36'40.4702"	40,6793824737	-3,6112417064
RECTA	112,000	448.345,540	4.503.350,055	5,522280	649,055	40°40'45.9063"	-3°36'40.4566"	40,6794183928	-3,6112379338
RECTA	116,000	448.345,886	4.503.354,040	5,522280	649,133	40°40'46.0356"	-3°36'40.4430"	40,6794543120	-3,6112341612
RECTA	120,000	448.346,233	4.503.358,025	5,522280	649,271	40°40'46.1649"	-3°36'40.4294"	40,6794902311	-3,6112303887
RECTA	120,000	448.346,233	4.503.358,025	4,395874	649,271	40°40'46.1649"	-3°36'40.4294"	40,6794902311	-3,6112303887
RECTA	124,000	448.346,509	4.503.362,015	4,395874	649,412	40°40'46.2943"	-3°36'40.4189"	40,6795261955	-3,6112274515
RECTA	128,000	448.346,785	4.503.366,006	4,395874	649,517	40°40'46.4238"	-3°36'40.4083"	40,6795621598	-3,6112245142
RECTA	132,000	448.347,061	4.503.369,996	4,395874	649,544	40°40'46.5533"	-3°36'40.3977"	40,6795981241	-3,6112215770
RECTA	136,000	448.347,337	4.503.373,986	4,395874	649,588	40°40'46.6828"	-3°36'40.3871"	40,6796340884	-3,6112186398
RECTA	140,000	448.347,613	4.503.377,977	4,395874	649,653	40°40'46.8122"	-3°36'40.3766"	40,6796700528	-3,6112157025
RECTA	144,000	448.347,889	4.503.381,967	4,395874	649,761	40°40'46.9417"	-3°36'40.3660"	40,6797060171	-3,6112127653

5403454-W-DE-A(II)-114_02

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	144,000	448.347,889	4.503.381,967	393,998773	649,761	40°40'46.9417"	-3°36'40.3660"	40,6797060171	-3,6112127653
RECTA	148,000	448.347,512	4.503.385,950	393,998773	649,998	40°40'47.0708"	-3°36'40.3832"	40,6797418664	-3,6112175480
RECTA	152,000	448.347,136	4.503.389,932	393,998773	650,008	40°40'47.1998"	-3°36'40.4004"	40,6797777158	-3,6112223308
RECTA	152,000	448.347,136	4.503.389,932	16,141269	650,008	40°40'47.1998"	-3°36'40.4004"	40,6797777158	-3,6112223308
RECTA	156,000	448.348,139	4.503.393,804	16,141269	649,791	40°40'47.3256"	-3°36'40.3588"	40,6798126595	-3,6112107771
RECTA	160,000	448.349,143	4.503.397,676	16,141269	649,595	40°40'47.4514"	-3°36'40.3172"	40,6798476033	-3,6111992234
RECTA	160,000	448.349,143	4.503.397,676	4,763693	649,595	40°40'47.4514"	-3°36'40.3172"	40,6798476033	-3,6111992234
RECTA	164,000	448.349,442	4.503.401,665	4,763693	649,521	40°40'47.5808"	-3°36'40.3057"	40,6798835541	-3,6111960132
RECTA	168,000	448.349,741	4.503.405,654	4,763693	649,349	40°40'47.7103"	-3°36'40.2941"	40,6799195049	-3,6111928031
RECTA	172,000	448.350,040	4.503.409,643	4,763693	649,111	40°40'47.8397"	-3°36'40.2826"	40,6799554557	-3,6111895929
RECTA	176,000	448.350,339	4.503.413,631	4,763693	649,078	40°40'47.9691"	-3°36'40.2710"	40,6799914065	-3,6111863828
RECTA	180,000	448.350,638	4.503.417,620	4,763693	649,045	40°40'48.0985"	-3°36'40.2595"	40,6800273573	-3,6111831726
RECTA	180,000	448.350,638	4.503.417,620	5,922445	649,045	40°40'48.0985"	-3°36'40.2595"	40,6800273573	-3,6111831726
RECTA	184,000	448.351,009	4.503.421,603	5,922445	648,901	40°40'48.2278"	-3°36'40.2448"	40,6800632577	-3,6111791035
RECTA	188,000	448.351,381	4.503.425,586	5,922445	648,879	40°40'48.3570"	-3°36'40.2302"	40,6800991581	-3,6111750344
RECTA	192,000	448.351,752	4.503.429,568	5,922445	648,930	40°40'48.4862"	-3°36'40.2155"	40,6801350584	-3,6111709652
RECTA	196,000	448.352,124	4.503.433,551	5,922445	649,000	40°40'48.6155"	-3°36'40.2009"	40,6801709588	-3,6111668961
RECTA	200,000	448.352,496	4.503.437,534	5,922445	648,927	40°40'48.7447"	-3°36'40.1862"	40,6802068592	-3,6111628270
RECTA	204,000	448.352,867	4.503.441,516	5,922445	648,837	40°40'48.8740"	-3°36'40.1716"	40,6802427595	-3,6111587578
RECTA	208,000	448.353,239	4.503.445,499	5,922445	648,881	40°40'49.0032"	-3°36'40.1569"	40,6802786599	-3,6111546887
RECTA	212,000	448.353,610	4.503.449,482	5,922445	648,916	40°40'49.1325"	-3°36'40.1423"	40,6803145603	-3,6111506195
RECTA	216,000	448.353,982	4.503.453,464	5,922445	649,068	40°40'49.2617"	-3°36'40.1276"	40,6803504607	-3,6111465504
RECTA	216,000	448.353,982	4.503.453,464	4,285913	649,068	40°40'49.2617"	-3°36'40.1276"	40,6803504607	-3,6111465504
RECTA	220,000	448.354,251	4.503.457,455	4,285913	649,524	40°40'49.3912"	-3°36'40.1173"	40,6803864288	-3,6111436947
RECTA	224,000	448.354,520	4.503.461,446	4,285913	649,641	40°40'49.5207"	-3°36'40.1071"	40,6804223969	-3,6111408390
RECTA	228,000	448.354,789	4.503.465,437	4,285913	649,649	40°40'49.6502"	-3°36'40.0968"	40,6804583651	-3,6111379833
RECTA	232,000	448.355,058	4.503.469,428	4,285913	649,636	40°40'49.7796"	-3°36'40.0865"	40,6804943332	-3,6111351276
RECTA	236,000	448.355,327	4.503.473,419	4,285913	649,595	40°40'49.9091"	-3°36'40.0762"	40,6805303013	-3,6111322719
RECTA	240,000	448.355,596	4.503.477,410	4,285913	649,560	40°40'50.0386"	-3°36'40.0659"	40,6805662694	-3,6111294161
RECTA	240,000	448.355,596	4.503.477,410	397,850136	649,560	40°40'50.0386"	-3°36'40.0659"	40,6805662695	-3,6111294161
RECTA	244,000	448.355,461	4.503.481,408	397,850136	649,611	40°40'50.1682"	-3°36'40.0729"	40,6806022733	-3,6111313431
RECTA	248,000	448.355,326	4.503.485,406	397,850136	649,636	40°40'50.2978"	-3°36'40.0798"	40,6806382772	-3,6111332701
RECTA	252,000	448.355,191	4.503.489,403	397,850136	649,670	40°40'50.4275"	-3°36'40.0867"	40,6806742812	-3,6111351971
RECTA	256,000	448.355,056	4.503.493,401	397,850136	649,723	40°40'50.5571"	-3°36'40.0937"	40,6807102850	-3,6111371240
RECTA	256,000	448.355,056	4.503.493,401	397,067162	649,723	40°40'50.5571"	-3°36'40.0937"	40,6807102851	-3,6111371240
RECTA	260,000	448.354,872	4.503.497,397	397,067162	649,771	40°40'50.6866"	-3°36'40.1027"	40,6807462682	-3,6111396325
RECTA	264,000	448.354,688	4.503.501,393	397,067162	649,602	40°40'50.8161"	-3°36'40.1117"	40,6807822513	-3,6111421410
RECTA	264,000	448.354,688	4.503.501,393	5,396010	649,602	40°40'50.8161"	-3°36'40.1117"	40,6807822513	-3,6111421410
RECTA	268,000	448.355,026	4.503.505,378	5,396010	649,707	40°40'50.9455"	-3°36'40.0985"	40,6808181761	-3,6111384619
RECTA	272,000	448.355,365	4.503.509,364	5,396010	649,594	40°40'51.0748"	-3°36'40.0853"	40,6808541008	-3,6111347828
RECTA	276,000	448.355,704	4.503.513,349	5,396010	649,365	40°40'51.2041"	-3°36'40.0720"	40,6808900256	-3,6111311037
RECTA	280,000	448.356,042	4.503.517,335	5,396010	649,227	40°40'51.3335"	-3°36'40.0588"	40,6809259503	-3,6111274246
RECTA	280,000	448.356,042	4.503.517,335	3,303538	649,227	40°40'51.3335"	-3°36'40.0588"	40,6809259503	-3,6111274246
RECTA	284,000	448.356,250	4.503.521,330	3,303538	649,145	40°40'51.4631"	-3°36'40.0511"	40,6809619477	-3,6111252982

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	288,000	448.356,457	4.503.525,324	3,303538	649,013	40°40'51.5926"	-3°36'40.0435"	40,6809979451	-3,6111231719
RECTA	292,000	448.356,665	4.503.529,319	3,303538	648,899	40°40'51.7222"	-3°36'40.0358"	40,6810339425	-3,6111210455
RECTA	296,000	448.356,872	4.503.533,314	3,303538	648,765	40°40'51.8518"	-3°36'40.0281"	40,6810699399	-3,6111189191
RECTA	296,000	448.356,872	4.503.533,314	4,874776	648,765	40°40'51.8518"	-3°36'40.0281"	40,6810699399	-3,6111189191
RECTA	300,000	448.357,178	4.503.537,302	4,874776	648,694	40°40'51.9812"	-3°36'40.0163"	40,6811058864	-3,6111156265
RECTA	304,000	448.357,484	4.503.541,290	4,874776	648,626	40°40'52.1106"	-3°36'40.0044"	40,6811418329	-3,6111123339
RECTA	308,000	448.357,790	4.503.545,278	4,874776	648,336	40°40'52.2400"	-3°36'39.9926"	40,6811777793	-3,6111090412
RECTA	312,000	448.358,096	4.503.549,267	4,874776	648,283	40°40'52.3695"	-3°36'39.9807"	40,6812137258	-3,6111057486
RECTA	316,000	448.358,402	4.503.553,255	4,874776	648,218	40°40'52.4989"	-3°36'39.9689"	40,6812496723	-3,6111024559
RECTA	316,000	448.358,402	4.503.553,255	4,922608	648,218	40°40'52.4989"	-3°36'39.9689"	40,6812496723	-3,6111024559
RECTA	320,000	448.358,711	4.503.557,243	4,922608	648,001	40°40'52.6283"	-3°36'39.9569"	40,6812856169	-3,6110991278
RECTA	324,000	448.359,020	4.503.561,231	4,922608	647,798	40°40'52.7577"	-3°36'39.9449"	40,6813215615	-3,6110957997
RECTA	328,000	448.359,329	4.503.565,219	4,922608	647,720	40°40'52.8871"	-3°36'39.9329"	40,6813575061	-3,6110924715
RECTA	332,000	448.359,638	4.503.569,207	4,922608	647,327	40°40'53.0165"	-3°36'39.9210"	40,6813934506	-3,6110891434
RECTA	336,000	448.359,947	4.503.573,195	4,922608	647,269	40°40'53.1459"	-3°36'39.9090"	40,6814293952	-3,6110858153
RECTA	340,000	448.360,256	4.503.577,183	4,922608	647,223	40°40'53.2753"	-3°36'39.8970"	40,6814653398	-3,6110824871
RECTA	344,000	448.360,565	4.503.581,171	4,922608	647,114	40°40'53.4047"	-3°36'39.8850"	40,6815012844	-3,6110791590
RECTA	344,000	448.360,565	4.503.581,171	399,768182	647,114	40°40'53.4047"	-3°36'39.8850"	40,6815012844	-3,6110791590
RECTA	348,000	448.360,551	4.503.585,171	399,768182	646,909	40°40'53.5344"	-3°36'39.8868"	40,6815373161	-3,6110796604
RECTA	352,000	448.360,536	4.503.589,171	399,768182	646,844	40°40'53.6641"	-3°36'39.8886"	40,6815733479	-3,6110801618
RECTA	356,000	448.360,521	4.503.593,171	399,768182	646,575	40°40'53.7938"	-3°36'39.8904"	40,6816093796	-3,6110806633
RECTA	360,000	448.360,507	4.503.597,171	399,768182	646,421	40°40'53.9235"	-3°36'39.8922"	40,6816454114	-3,6110811647
RECTA	360,000	448.360,507	4.503.597,171	386,570991	646,421	40°40'53.9235"	-3°36'39.8922"	40,6816454114	-3,6110811647
RECTA	364,000	448.359,669	4.503.601,082	386,570991	646,425	40°40'54.0502"	-3°36'39.9291"	40,6816805931	-3,6110913969
RECTA	368,000	448.358,832	4.503.604,994	386,570991	645,973	40°40'54.1768"	-3°36'39.9659"	40,6817157749	-3,6111016291
RECTA	372,000	448.357,994	4.503.608,905	386,570991	645,808	40°40'54.3035"	-3°36'40.0027"	40,6817509566	-3,6111118613
RECTA	372,000	448.357,994	4.503.608,905	388,526839	645,808	40°40'54.3035"	-3°36'40.0027"	40,6817509566	-3,6111118613
RECTA	376,000	448.357,277	4.503.612,840	388,526839	645,728	40°40'54.4309"	-3°36'40.0344"	40,6817863610	-3,6111206691
RECTA	380,000	448.356,560	4.503.616,776	388,526839	645,688	40°40'54.5584"	-3°36'40.0662"	40,6818217654	-3,6111294770
RECTA	384,000	448.355,843	4.503.620,711	388,526839	645,654	40°40'54.6859"	-3°36'40.0979"	40,6818571698	-3,6111382848
RECTA	388,000	448.355,126	4.503.624,646	388,526839	645,758	40°40'54.8133"	-3°36'40.1296"	40,6818925742	-3,6111470927
RECTA	388,000	448.355,126	4.503.624,646	7,930580	645,758	40°40'54.8133"	-3°36'40.1296"	40,6818925742	-3,6111470927
RECTA	392,000	448.355,623	4.503.628,615	7,930580	646,172	40°40'54.9421"	-3°36'40.1096"	40,6819283590	-3,6111415382
RECTA	396,000	448.356,120	4.503.632,584	7,930580	647,265	40°40'55.0710"	-3°36'40.0896"	40,6819641438	-3,6111359837
RECTA	400,000	448.356,617	4.503.636,553	7,930580	648,100	40°40'55.1998"	-3°36'40.0696"	40,6819999286	-3,6111304292
RECTA	404,000	448.357,114	4.503.640,522	7,930580	648,477	40°40'55.3286"	-3°36'40.0496"	40,6820357134	-3,6111248746
RECTA	404,000	448.357,114	4.503.640,522	1,826689	648,477	40°40'55.3286"	-3°36'40.0496"	40,6820357134	-3,6111248746
RECTA	408,000	448.357,229	4.503.644,520	1,826689	648,574	40°40'55.4583"	-3°36'40.0459"	40,6820717387	-3,6111238457
RECTA	412,000	448.357,344	4.503.648,519	1,826689	648,730	40°40'55.5880"	-3°36'40.0422"	40,6821077639	-3,6111228167
RECTA	416,000	448.357,459	4.503.652,517	1,826689	648,850	40°40'55.7177"	-3°36'40.0385"	40,6821437892	-3,6111217877
RECTA	420,000	448.357,573	4.503.656,515	1,826689	648,879	40°40'55.8474"	-3°36'40.0348"	40,6821798144	-3,6111207587
RECTA	420,000	448.357,573	4.503.656,515	6,263984	648,879	40°40'55.8474"	-3°36'40.0348"	40,6821798144	-3,6111207587
RECTA	424,000	448.357,966	4.503.660,496	6,263984	648,627	40°40'55.9766"	-3°36'40.0192"	40,6822156976	-3,6111164365
RECTA	428,000	448.358,359	4.503.664,477	6,263984	648,613	40°40'56.1057"	-3°36'40.0036"	40,6822515809	-3,6111121143

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	432,000	448.358,752	4.503.668,457	6,263984	648,740	40°40'56.2349"	-3°36'39.9881"	40,6822874641	-3,6111077921
RECTA	436,000	448.359,145	4.503.672,438	6,263984	648,903	40°40'56.3641"	-3°36'39.9725"	40,6823233473	-3,6111034699
RECTA	440,000	448.359,538	4.503.676,419	6,263984	649,098	40°40'56.4933"	-3°36'39.9570"	40,6823592305	-3,6110991477
RECTA	444,000	448.359,931	4.503.680,399	6,263984	649,198	40°40'56.6224"	-3°36'39.9414"	40,6823951137	-3,6110948254
RECTA	448,000	448.360,324	4.503.684,380	6,263984	649,052	40°40'56.7516"	-3°36'39.9258"	40,6824309970	-3,6110905032
RECTA	452,000	448.360,717	4.503.688,361	6,263984	649,118	40°40'56.8808"	-3°36'39.9103"	40,6824668802	-3,6110861810
RECTA	456,000	448.361,110	4.503.692,341	6,263984	649,391	40°40'57.0100"	-3°36'39.8947"	40,6825027634	-3,6110818587
RECTA	456,000	448.361,110	4.503.692,341	5,594230	649,391	40°40'57.0100"	-3°36'39.8947"	40,6825027634	-3,6110818587
RECTA	460,000	448.361,461	4.503.696,326	5,594230	649,148	40°40'57.1393"	-3°36'39.8810"	40,6825386792	-3,6110780326
RECTA	464,000	448.361,812	4.503.700,310	5,594230	649,093	40°40'57.2686"	-3°36'39.8672"	40,6825745951	-3,6110742065
RECTA	468,000	448.362,163	4.503.704,295	5,594230	649,260	40°40'57.3979"	-3°36'39.8534"	40,6826105109	-3,6110703804
RECTA	472,000	448.362,514	4.503.708,280	5,594230	649,321	40°40'57.5272"	-3°36'39.8396"	40,6826464268	-3,6110665542
RECTA	476,000	448.362,865	4.503.712,264	5,594230	649,168	40°40'57.6565"	-3°36'39.8259"	40,6826823426	-3,6110627281
RECTA	480,000	448.363,216	4.503.716,249	5,594230	649,247	40°40'57.7858"	-3°36'39.8121"	40,6827182585	-3,6110589019
RECTA	484,000	448.363,567	4.503.720,233	5,594230	649,549	40°40'57.9151"	-3°36'39.7983"	40,6827541743	-3,6110550758
RECTA	488,000	448.363,918	4.503.724,218	5,594230	649,867	40°40'58.0444"	-3°36'39.7845"	40,6827900902	-3,6110512496
RECTA	488,000	448.363,918	4.503.724,218	8,412246	649,867	40°40'58.0444"	-3°36'39.7845"	40,6827900902	-3,6110512496
RECTA	492,000	448.364,445	4.503.728,183	8,412246	649,734	40°40'58.1731"	-3°36'39.7633"	40,6828258419	-3,6110453395
RECTA	496,000	448.364,972	4.503.732,148	8,412246	649,564	40°40'58.3018"	-3°36'39.7420"	40,6828615937	-3,6110394294
RECTA	500,000	448.365,499	4.503.736,113	8,412246	649,180	40°40'58.4305"	-3°36'39.7207"	40,6828973455	-3,6110335193
RECTA	504,000	448.366,026	4.503.740,078	8,412246	648,909	40°40'58.5592"	-3°36'39.6994"	40,6829330973	-3,6110276092
RECTA	508,000	448.366,553	4.503.744,044	8,412246	648,927	40°40'58.6879"	-3°36'39.6782"	40,6829688490	-3,6110216990
RECTA	512,000	448.367,080	4.503.748,009	8,412246	648,862	40°40'58.8166"	-3°36'39.6569"	40,6830046008	-3,6110157889
RECTA	512,000	448.367,080	4.503.748,009	6,764152	648,862	40°40'58.8166"	-3°36'39.6569"	40,6830046008	-3,6110157889
RECTA	516,000	448.367,505	4.503.751,986	6,764152	649,119	40°40'58.9457"	-3°36'39.6400"	40,6830404571	-3,6110110964
RECTA	520,000	448.367,929	4.503.755,964	6,764152	649,394	40°40'59.0748"	-3°36'39.6231"	40,6830763133	-3,6110064039
RECTA	524,000	448.368,353	4.503.759,941	6,764152	649,519	40°40'59.2038"	-3°36'39.6062"	40,6831121696	-3,6110017113
RECTA	524,000	448.368,353	4.503.759,941	15,576460	649,519	40°40'59.2038"	-3°36'39.6062"	40,6831121696	-3,6110017113
RECTA	528,000	448.369,322	4.503.763,822	15,576460	649,404	40°40'59.3299"	-3°36'39.5661"	40,6831471899	-3,6109905646
RECTA	532,000	448.370,291	4.503.767,703	15,576460	648,677	40°40'59.4560"	-3°36'39.5259"	40,6831822103	-3,6109794179
RECTA	536,000	448.371,260	4.503.771,584	15,576460	648,672	40°40'59.5821"	-3°36'39.4858"	40,6832172307	-3,6109682712
RECTA	540,000	448.372,229	4.503.775,464	15,576460	648,754	40°40'59.7081"	-3°36'39.4457"	40,6832522511	-3,6109571245
RECTA	544,000	448.373,198	4.503.779,345	15,576460	648,951	40°40'59.8342"	-3°36'39.4056"	40,6832872714	-3,6109459778
RECTA	544,000	448.373,198	4.503.779,345	32,702632	648,951	40°40'59.8342"	-3°36'39.4056"	40,6832872714	-3,6109459778
RECTA	548,000	448.375,163	4.503.782,829	32,702632	648,354	40°40'59.9476"	-3°36'39.3229"	40,6833187769	-3,6109230051
RECTA	552,000	448.377,129	4.503.786,313	32,702632	647,373	40°41'00.0611"	-3°36'39.2402"	40,6833502823	-3,6109000323
RECTA	552,000	448.377,129	4.503.786,313	399,046189	647,373	40°41'00.0611"	-3°36'39.2402"	40,6833502823	-3,6109000323
RECTA	556,000	448.377,069	4.503.790,312	399,046189	647,694	40°41'00.1907"	-3°36'39.2439"	40,6833863074	-3,6109010704
RECTA	560,000	448.377,009	4.503.794,312	399,046189	647,881	40°41'00.3204"	-3°36'39.2476"	40,6834223325	-3,6109021085
RECTA	564,000	448.376,949	4.503.798,311	399,046189	648,010	40°41'00.4501"	-3°36'39.2514"	40,6834583576	-3,6109031466
RECTA	568,000	448.376,889	4.503.802,311	399,046189	647,734	40°41'00.5798"	-3°36'39.2551"	40,6834943826	-3,6109041847
RECTA	572,000	448.376,829	4.503.806,311	399,046189	648,326	40°41'00.7095"	-3°36'39.2588"	40,6835304077	-3,6109052229
RECTA	576,000	448.376,769	4.503.810,310	399,046189	648,996	40°41'00.8392"	-3°36'39.2626"	40,6835664328	-3,6109062610
RECTA	580,000	448.376,709	4.503.814,310	399,046189	649,522	40°41'00.9689"	-3°36'39.2663"	40,6836024579	-3,6109072991

TIPO	P.K.	X	Y	AZIMUT	Z TERR.	Latitud (N)	Longitud (E)	Latitud WGS84	Longitud WGS84
RECTA	584,000	448.376,650	4.503.818,309	399,046189	649,683	40°41'01.0986"	-3°36'39.2700"	40,6836384830	-3,6109083372
RECTA	588,000	448.376,590	4.503.822,309	399,046189	650,000	40°41'01.2283"	-3°36'39.2738"	40,6836745081	-3,6109093753
RECTA	592,000	448.376,530	4.503.826,308	399,046189	650,153	40°41'01.3580"	-3°36'39.2775"	40,6837105332	-3,6109104134
RECTA	592,000	448.376,530	4.503.826,308	27,783790	650,153	40°41'01.3580"	-3°36'39.2775"	40,6837105332	-3,6109104134
RECTA	596,000	448.378,220	4.503.829,933	27,783790	650,500	40°41'01.4759"	-3°36'39.2066"	40,6837432945	-3,6108907036
RECTA	600,000	448.379,911	4.503.833,558	27,783790	650,500	40°41'01.5938"	-3°36'39.1356"	40,6837760558	-3,6108709938
RECTA	604,000	448.381,602	4.503.837,184	27,783790	650,195	40°41'01.7118"	-3°36'39.0647"	40,6838088171	-3,6108512839
RECTA	608,000	448.383,293	4.503.840,809	27,783790	650,206	40°41'01.8297"	-3°36'38.9937"	40,6838415784	-3,6108315741
RECTA	612,000	448.384,984	4.503.844,434	27,783790	650,098	40°41'01.9477"	-3°36'38.9227"	40,6838743397	-3,6108118642
RECTA	616,000	448.386,675	4.503.848,059	27,783790	650,002	40°41'02.0656"	-3°36'38.8518"	40,6839071010	-3,6107921543
RECTA	620,000	448.388,365	4.503.851,684	27,783790	649,677	40°41'02.1835"	-3°36'38.7808"	40,6839398623	-3,6107724443
RECTA	624,000	448.390,056	4.503.855,309	27,783790	649,599	40°41'02.3015"	-3°36'38.7099"	40,6839726236	-3,6107527344
RECTA	628,000	448.391,747	4.503.858,934	27,783790	649,524	40°41'02.4194"	-3°36'38.6389"	40,6840053849	-3,6107330244
RECTA	632,000	448.393,438	4.503.862,559	27,783790	649,142	40°41'02.5374"	-3°36'38.5680"	40,6840381462	-3,6107133145
RECTA	636,000	448.395,129	4.503.866,184	27,783790	648,866	40°41'02.6553"	-3°36'38.4970"	40,6840709075	-3,6106936045
RECTA	640,000	448.396,819	4.503.869,809	27,783790	648,620	40°41'02.7732"	-3°36'38.4261"	40,6841036687	-3,6106738944
RECTA	644,000	448.398,510	4.503.873,434	27,783790	648,168	40°41'02.8912"	-3°36'38.3551"	40,6841364300	-3,6106541844
RECTA	648,000	448.400,201	4.503.877,059	27,783790	647,623	40°41'03.0091"	-3°36'38.2841"	40,6841691913	-3,6106344743
RECTA	652,000	448.401,892	4.503.880,684	27,783790	647,000	40°41'03.1271"	-3°36'38.2132"	40,6842019526	-3,6106147643
RECTA	652,000	448.401,892	4.503.880,684	41,863183	647,000	40°41'03.1271"	-3°36'38.2132"	40,6842019526	-3,6106147643
RECTA	656,000	448.404,337	4.503.883,850	41,863183	646,105	40°41'03.2303"	-3°36'38.1100"	40,6842306245	-3,6105860938
RECTA	660,000	448.406,782	4.503.887,016	41,863183	645,551	40°41'03.3335"	-3°36'38.0068"	40,6842592965	-3,6105574234
RECTA	664,000	448.409,226	4.503.890,182	41,863183	645,000	40°41'03.4367"	-3°36'37.9035"	40,6842879685	-3,6105287529
RECTA	668,000	448.411,671	4.503.893,348	41,863183	644,168	40°41'03.5399"	-3°36'37.8003"	40,6843166404	-3,6105000824
RECTA	672,000	448.414,116	4.503.896,514	41,863183	643,582	40°41'03.6432"	-3°36'37.6971"	40,6843453123	-3,6104714119
RECTA	676,000	448.416,561	4.503.899,680	41,863183	643,016	40°41'03.7464"	-3°36'37.5939"	40,6843739843	-3,6104427414
RECTA	680,000	448.419,006	4.503.902,846	41,863183	642,199	40°41'03.8496"	-3°36'37.4907"	40,6844026562	-3,6104140708
RECTA	684,000	448.421,451	4.503.906,011	41,863183	641,635	40°41'03.9528"	-3°36'37.3875"	40,6844313281	-3,6103854002
RECTA	688,000	448.423,895	4.503.909,177	41,863183	640,875	40°41'04.0560"	-3°36'37.2843"	40,6844600000	-3,6103567296
RECTA	692,000	448.426,340	4.503.912,343	41,863183	640,525	40°41'04.1593"	-3°36'37.1810"	40,6844886719	-3,6103280590
RECTA	696,000	448.428,785	4.503.915,509	41,863183	639,688	40°41'04.2625"	-3°36'37.0778"	40,6845173438	-3,6102993883
RECTA	700,000	448.431,230	4.503.918,675	41,863183	639,115	40°41'04.3657"	-3°36'36.9746"	40,6845460157	-3,6102707176
RECTA	704,000	448.433,675	4.503.921,841	41,863183	638,586	40°41'04.4689"	-3°36'36.8714"	40,6845746876	-3,6102420469
RECTA	704,000	448.433,675	4.503.921,841	41,863183	638,586	40°41'04.4689"	-3°36'36.8714"	40,6845746876	-3,6102420469