

LISTADO DE ALINEACIONES EN PLANTA

VARIANTE PROPUESTA
FFCC ALTA VELOCIDAD

PUNTOS SINGULARES

<u>Estación</u>	<u>Longitud</u>	<u>Coord. X</u>	<u>Coord. Y</u>	<u>Acimut</u>	<u>Radio</u>	<u>Parám.</u>	<u>X Centro</u>	<u>Y Centro</u>
0+000,000	0,000	602.377,622	4.743.426,898	379,6495	-7.000,000		595.732,236	4.741.227,160
2+793,038	2.793,038	601.001,010	4.745.835,850	354,2480	-7.000,000		595.732,236	4.741.227,160
3+243,038	450,000	600.697,561	4.746.168,116	352,2018	Infinito	1.774,824		
6+629,930	3.386,892	598.386,910	4.748.644,389	352,2018	Infinito			
7+019,930	390,000	598.117,173	4.748.926,030	349,7189	-5.000,000	1.396,424	594.597,283	4.745.374,921
9+188,343	2.168,413	596.299,088	4.750.076,396	322,1099	-5.000,000		594.597,283	4.745.374,921
9+578,343	390,000	595.929,071	4.750.199,550	319,6270	Infinito	1.396,424		
10+048,343	470,000	595.483,161	4.750.347,991	322,1205	6.000,000	1.679,286	597.526,268	4.755.989,419
10+859,111	810,768	594.741,789	4.750.674,659	330,7230	6.000,000		597.526,268	4.755.989,419
11+259,111	400,000	594.391,701	4.750.868,109	332,8450	Infinito	1.549,193		
11+649,111	390,000	594.050,016	4.751.056,074	330,3622	-5.000,000	1.396,424	591.754,752	4.746.614,029
13+416,992	1.767,881	592.369,952	4.751.576,037	307,8529	-5.000,000		591.754,752	4.746.614,029
13+806,992	390,000	591.981,825	4.751.613,942	305,3701	Infinito	1.396,424		
15+800,785	1.993,793	589.995,121	4.751.781,925	305,3701	Infinito			
16+190,785	390,000	589.606,160	4.751.810,058	303,0497	-5.350,000	1.444,472	589.349,972	4.746.466,195
16+880,905	690,120	588.916,613	4.751.798,615	294,8376	-5.350,000		589.349,972	4.746.466,195
17+270,905	390,000	588.528,800	4.751.757,592	292,5172	Infinito	1.444,472		
17+660,905	390,000	588.140,987	4.751.716,568	294,8376	5.350,000	1.444,472	587.707,629	4.757.048,988
17+883,467	222,562	587.918,845	4.751.703,159	297,4860	5.350,000		587.707,629	4.757.048,988
18+273,467	390,000	587.528,913	4.751.697,235	299,8064	Infinito	1.444,472		
21+293,839	3.020,372	584.508,556	4.751.688,049	299,8064	Infinito			
21+643,838	350,000	584.158,649	4.751.693,569	303,4002	3.100,000	1.041,633	584.324,142	4.754.789,149
22+500,695	856,856	583.320,149	4.751.856,232	320,9967	3.100,000		584.324,142	4.754.789,149
22+850,695	350,000	582.993,560	4.751.981,947	324,5905	Infinito	1.041,633		
23+200,694	350,000	582.666,970	4.752.107,663	320,9967	-3.100,000	1.041,633	581.662,978	4.749.174,746
25+793,579	2.592,885	580.158,838	4.751.885,385	267,7489	-3.100,000		581.662,978	4.749.174,746
26+143,579	350,000	579.859,447	4.751.704,194	264,1551	Infinito	1.041,633		
28+506,593	2.363,014	577.861,210	4.750.442,892	264,1551	Infinito			
28+976,593	470,000	577.460,442	4.750.197,429	266,7345	5.800,000	1.651,060	574.565,795	4.755.223,464
32+922,255	3.945,662	573.654,616	4.749.495,484	310,0429	5.800,000		574.565,795	4.755.223,464
33+392,255	470,000	573.192,650	4.749.581,824	312,6223	Infinito	1.651,060		
33+862,255	470,000	572.730,644	4.749.667,940	309,9508	-5.600,000	1.622,344	571.858,889	4.744.136,210
37+407,077	3.544,822	569.289,343	4.749.111,894	269,6525	-5.600,000		571.858,889	4.744.136,210
37+877,077	470,000	568.877,969	4.748.884,656	266,9810	Infinito	1.622,344		
38+347,077	470,000	568.466,803	4.748.657,033	269,4744	6.000,000	1.679,286	565.698,814	4.753.980,400
38+488,141	141,064	568.340,894	4.748.593,433	270,9711	6.000,000		565.698,814	4.753.980,400
38+957,454	469,313	567.914,316	4.748.397,841	273,4609	Infinito	1.678,057		
39+426,767	469,313	567.490,234	4.748.197,100	268,6420	-3.100,000	1.206,180	568.956,201	4.745.465,627
40+059,948	633,181	566.966,670	4.747.842,971	255,6389	-3.100,000		568.956,201	4.745.465,627
40+529,948	470,000	566.622,020	4.747.523,591	250,8129	Infinito	1.207,063		
40+999,948	470,000	566.277,370	4.747.204,211	255,6389	3.100,000	1.207,063	564.287,838	4.749.581,555
42+564,673	1.564,725	564.879,609	4.746.538,561	287,7723	3.100,000		564.287,838	4.749.581,555
42+914,673	350,000	564.533,824	4.746.484,731	291,3661	Infinito	1.041,633		
43+384,673	470,000	564.068,903	4.746.415,980	289,2289	-7.000,000	1.813,836	565.247,609	4.739.515,933
43+971,184	586,511	563.495,579	4.746.293,129	283,8948	-7.000,000		565.247,609	4.739.515,933
44+441,184	470,000	563.043,308	4.746.165,345	281,7576	Infinito	1.813,836		
44+911,184	470,000	562.590,027	4.746.041,374	285,4977	4.000,000	1.371,131	561.686,682	4.749.938,036
45+433,735	522,551	562.074,725	4.745.956,902	293,8144	4.000,000		561.686,682	4.749.938,036
45+905,238	471,503	561.604,084	4.745.929,635	297,5665	Infinito	1.373,322		
50+923,326	5.018,088	556.589,662	4.745.737,862	297,5665	Infinito			
51+393,326	470,000	556.120,206	4.745.715,574	295,8064	-8.500,000	1.998,750	556.679,719	4.737.234,009
55+826,117	4.432,791	551.969,190	4.744.309,383	262,6064	-8.500,000		556.679,719	4.737.234,009
56+296,117	470,000	551.582,843	4.744.041,761	260,8463	Infinito	1.998,750		
56+718,342	422,224	551.233,583	4.743.804,607	264,3831	3.800,000	1.266,670	549.216,787	4.747.025,248
59+508,664	2.790,322	548.555,824	4.743.283,173	311,1298	3.800,000		549.216,787	4.747.025,248
59+930,888	422,224	548.143,097	4.743.371,947	314,6666	Infinito	1.266,670		
60+260,889	330,000	547.820,718	4.743.442,309	311,7077	-3.550,000	1.082,359	547.171,534	4.739.952,172
61+459,595	1.198,707	546.627,834	4.743.460,290	290,2113	-3.550,000		547.171,534	4.739.952,172
61+789,596	330,000	546.303,480	4.743.399,675	287,2524	Infinito	1.082,359		
62+119,596	330,000	545.979,127	4.743.339,061	290,2113	3.550,000	1.082,359	545.435,426	4.746.847,179

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<u>Estación</u>	<u>Longitud</u>	<u>Coord. X</u>	<u>Coord. Y</u>	<u>Acimut</u>	<u>Radio</u>	<u>Parám.</u>	<u>X Centro</u>	<u>Y Centro</u>
62+415,990	296,394	545.684,675	4.743.305,940	295,5265	3.550,000		545.435,426	4.746.847,179
62+745,991	330,000	545.354,961	4.743.292,981	298,4855	Infinito	1.082,359		
62+905,991	160,000	545.195,031	4.743.288,322	297,4669	-5.000,000	894,427	545.393,928	4.738.292,279
63+097,567	191,576	545.003,799	4.743.277,036	295,0277	-5.000,000		545.393,928	4.738.292,279
63+327,675	230,108	544.774,700	4.743.255,565	293,5628	Infinito	1.072,632		
63+587,796	260,122	544.515,676	4.743.231,803	295,4027	4.500,000	1.081,918	544.190,998	4.747.720,075
65+690,937	2.103,141	542.458,733	4.743.566,852	325,1561	4.500,000		544.190,998	4.747.720,075
65+950,937	260,000	542.220,750	4.743.671,537	326,9952	Infinito	1.081,665		
66+280,937	330,000	541.917,938	4.743.802,626	324,0363	-3.550,000	1.082,359	540.609,215	4.740.502,665
67+101,005	820,068	541.127,629	4.744.014,608	309,3301	-3.550,000		540.609,215	4.740.502,665
67+331,005	230,000	540.899,433	4.744.043,273	307,2678	Infinito	903,604		
68+709,821	1.378,816	539.529,592	4.744.200,339	307,2678	Infinito			
68+759,821	50,000	539.479,919	4.744.206,052	307,3314	25.000,000	1.118,034	542.352,603	4.769.040,457
69+438,459	678,638	538.806,918	4.744.293,172	309,0596	25.000,000		542.352,603	4.769.040,457
69+488,459	50,000	538.757,428	4.744.300,296	309,1232	Infinito	1.118,034		
73+967,127	4.478,668	534.324,670	4.744.939,927	309,1232	Infinito			
74+247,127	280,000	534.046,220	4.744.966,923	300,2106	-1.000,000	529,150	534.042,913	4.743.966,928
74+407,437	160,310	533.886,554	4.744.954,629	290,0049	-1.000,000		534.042,913	4.743.966,928
74+687,437	280,000	533.615,519	4.744.885,323	281,0922	Infinito	529,150		
74+741,893	54,456	533.563,447	4.744.869,386	281,0922	Infinito			