

Nome	Descrição	Norte	Este	Cota
E1	E	8.146.113,6750	666.420,5900	897,444

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E2	A	8.146.103,2369	666.407,0959	897,839	232°16'37"	0°00'07"	17,0600	0,3947
E0	A	8.146.103,2490	666.407,1119	897,825	232°16'35"	86°21'21"	17,0400	0,3813
1	CAL	8.146.081,0470	666.387,5292	898,076	225°22'39"	353°06'09"	46,4500	0,6316
2	CAL	8.146.081,0733	666.387,5314	898,290	225°23'55"	353°07'25"	46,4300	0,8463
3	CAL	8.146.084,0706	666.385,5262	898,238	229°49'32"	357°33'02"	45,8900	0,7935
4	CAL	8.146.084,0559	666.385,4863	897,791	229°50'37"	357°34'07"	45,9300	0,3466
5	CAL	8.146.086,5920	666.389,3172	897,805	229°06'24"	356°49'54"	41,3700	0,3606
6	CAL	8.146.086,5195	666.389,2874	898,255	229°03'28"	356°46'58"	41,4400	0,8108
7	CAL	8.146.088,8369	666.392,7761	897,604	228°14'05"	355°57'35"	37,2900	0,1601
8	CAL	8.146.088,7390	666.392,7967	897,654	228°06'06"	355°49'36"	37,3400	0,2096
9	CAL	8.146.091,8110	666.397,2926	897,630	226°49'04"	354°32'34"	31,9500	0,1856
10	CAL	8.146.094,3797	666.401,1361	897,634	225°14'04"	352°57'34"	27,4000	0,1897
11	CAL	8.146.096,4970	666.404,3492	897,666	223°23'37"	351°07'07"	23,6400	0,2219
12	CAL	8.146.098,7045	666.407,6314	897,881	220°52'47"	348°36'17"	19,8000	0,4367
13	CAL	8.146.098,6804	666.407,6900	898,320	220°42'20"	348°25'50"	19,7800	0,8764
14	CAL	8.146.100,9596	666.410,9774	897,884	217°05'19"	344°48'49"	15,9400	0,4403
15	CAL	8.146.100,9296	666.411,0338	898,274	216°51'42"	344°35'12"	15,9300	0,8296
16	CAL	8.146.103,4431	666.414,7525	897,800	209°42'20"	337°25'50"	11,7800	0,3559
17	CAL	8.146.103,4287	666.414,7778	898,290	209°33'51"	337°17'21"	11,7800	0,8456
18	CAL	8.146.105,3856	666.417,6962	897,777	199°14'39"	326°58'09"	8,7800	0,3332
19	CAL	8.146.105,3444	666.417,6929	898,286	199°10'34"	326°54'04"	8,8200	0,8425
20	CAL	8.146.105,3444	666.417,6929	898,282	199°10'34"	326°54'04"	8,8200	0,8378
21	CAL	8.146.103,9857	666.418,6079	897,923	191°33'40"	319°17'10"	9,8900	0,4789
22	CAL	8.146.103,9859	666.418,5572	898,302	191°50'56"	319°34'26"	9,9000	0,8578
23	CAL	8.146.101,8509	666.419,9770	897,899	182°58'03"	310°41'33"	11,8400	0,4552
24	CAL	8.146.101,8236	666.419,9265	898,097	183°12'15"	310°55'45"	11,8700	0,6534
25	CAL	8.146.097,7105	666.422,7501	897,999	172°17'40"	300°01'10"	16,1100	0,5554
26	CAL	8.146.097,6743	666.422,7063	898,133	172°27'56"	300°11'26"	16,1400	0,6888
27	CAL	8.146.095,1580	666.424,4250	898,032	168°17'56"	296°01'26"	18,9100	0,5880
28	CAL	8.146.095,1331	666.424,4035	898,167	168°22'41"	296°06'11"	18,9300	0,7227
29	CAL	8.146.090,1071	666.427,7790	898,017	163°02'11"	290°45'41"	24,6400	0,5730
30	CAL	8.146.090,0875	666.427,7489	898,156	163°07'00"	290°50'30"	24,6500	0,7124
31	CAL	8.146.087,6740	666.429,4216	898,040	161°14'21"	288°57'51"	27,4600	0,5964
32	CAL	8.146.087,6228	666.429,4263	898,458	161°15'51"	288°59'21"	27,5100	1,0138
33	CAL	8.146.087,0886	666.428,5763	898,200	163°16'49"	291°00'19"	27,7600	0,7555
34	CAL	8.146.087,0856	666.428,6009	898,450	163°14'00"	290°57'30"	27,7700	1,0058
35	CAL	8.146.088,9392	666.431,3130	898,032	156°33'47"	284°17'17"	26,9600	0,5883
36	CAL	8.146.088,9156	666.431,3340	898,457	156°32'32"	284°16'02"	26,9900	1,0129
37	CAL	8.146.082,6092	666.431,5427	898,214	160°34'45"	288°18'15"	32,9400	0,7703
38	CAL	8.146.082,9089	666.431,4603	898,447	160°32'26"	288°15'56"	32,6300	1,0032
39	CAL	8.146.090,0639	666.432,9703	898,076	152°19'48"	280°03'18"	26,6600	0,6320
40	EDF	8.146.090,0513	666.432,9461	898,446	152°23'19"	280°06'49"	26,6600	1,0023
41	ACES	8.146.084,5840	666.430,2406	898,199	161°38'50"	289°22'20"	30,6500	0,7550
42	ACES	8.146.084,5825	666.430,2679	898,461	161°35'59"	289°19'29"	30,6600	1,0166
43	ACES	8.146.085,3534	666.429,6649	898,199	162°14'00"	289°57'30"	29,7400	0,7553
44	ACES	8.146.085,3915	666.429,6527	898,458	162°14'00"	289°57'30"	29,7000	1,0140
45	ACES	8.146.085,1964	666.431,1976	898,439	159°34'15"	287°17'45"	30,3900	0,9953
46	ACES	8.146.086,0155	666.430,6438	898,460	160°01'28"	287°44'58"	29,4300	1,0157

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47	SOL	8.146.089,1581	666.433,3962	898,455	152°25'12"	280°08'42"	27,6600	1,0105
48	SOL	8.146.087,3343	666.434,3539	898,454	152°24'41"	280°08'11"	29,7200	1,0096
49	SOL	8.146.084,1674	666.432,0365	898,469	158°47'52"	286°31'22"	31,6500	1,0245
50	SOL	8.146.082,3736	666.431,2287	898,212	161°13'41"	288°57'11"	33,0600	0,7683
51	SOL	8.146.085,6738	666.428,7287	898,329	163°47'35"	291°31'05"	29,1600	0,8852
52	POT	8.146.085,4055	666.428,9155	898,325	163°35'24"	291°18'54"	29,4700	0,8806
53	POT	8.146.086,0632	666.428,5636	898,330	163°53'33"	291°37'03"	28,7400	0,8858
54	POT	8.146.084,6748	666.431,8790	898,471	158°43'49"	286°27'19"	31,1200	1,0274
55	POT	8.146.082,1947	666.430,9461	898,218	161°47'25"	289°30'55"	33,1400	0,7742
56	POT	8.146.082,6064	666.431,5347	898,211	160°35'38"	288°19'08"	32,9400	0,7671
57	POT	8.146.089,6988	666.433,1138	898,458	152°25'12"	280°08'42"	27,0500	1,0136
58	CAL	8.146.080,4968	666.443,1470	898,212	145°47'21"	273°30'51"	40,1200	0,7685
59	CAL	8.146.080,4979	666.443,1310	898,386	145°48'26"	273°31'56"	40,1100	0,9416
60	CAL	8.146.079,7687	666.444,9160	898,326	144°20'33"	272°04'03"	41,7300	0,8819
61	MR	8.146.079,7779	666.444,9288	898,326	144°19'15"	272°02'45"	41,7300	0,8819
62	EDF	8.146.080,7291	666.442,1985	898,398	146°44'24"	274°27'54"	39,4000	0,9543
63	PT AG	8.146.080,6624	666.444,1200	898,295	144°31'13"	272°14'43"	40,5400	0,8515
64	CAL	8.146.089,4397	666.437,3042	897,942	145°24'26"	273°07'56"	29,4400	0,4980
65	CAL	8.146.089,3936	666.437,2901	898,141	145°28'51"	273°12'21"	29,4700	0,6970
66	EDF	8.146.091,4437	666.435,0495	897,953	146°57'34"	274°41'04"	26,5200	0,5094
67	EDF	8.146.084,9501	666.431,7869	898,465	158°42'15"	286°25'45"	30,8300	1,0209
68	EDF	8.146.082,1831	666.430,9428	898,207	161°48'07"	289°31'37"	33,1500	0,7627
69	EDF	8.146.083,6311	666.429,8888	898,220	162°48'08"	290°31'38"	31,4500	0,7757
70	EDF	8.146.085,2370	666.429,0859	898,219	163°21'59"	291°05'29"	29,6800	0,7747
71	PIA	8.146.087,9462	666.427,9472	898,201	164°02'31"	291°46'01"	26,7600	0,7566
72	PIA	8.146.088,9394	666.427,3017	898,205	164°49'08"	292°32'38"	25,6300	0,7609
73	PIA	8.146.087,6594	666.427,5091	898,216	165°06'23"	292°49'53"	26,9200	0,7720
74	ESC	8.146.097,7668	666.420,8269	898,113	179°08'48"	306°52'18"	15,9100	0,6693
75	ESC	8.146.097,7163	666.420,7938	898,332	179°16'06"	306°59'36"	15,9600	0,8884
76	ESC	8.146.098,2008	666.421,4833	898,115	176°41'46"	304°25'16"	15,5000	0,6714
77	ESC	8.146.098,1717	666.421,5003	898,327	176°38'23"	304°21'53"	15,5300	0,8826
78	ESC	8.146.097,9593	666.421,6285	898,327	176°13'10"	303°56'40"	15,7500	0,8828
79	ESC	8.146.097,5194	666.420,9658	898,330	178°40'03"	306°23'33"	16,1600	0,8856
80	ESC	8.146.097,4796	666.420,9756	898,530	178°38'10"	306°21'40"	16,2000	1,0860
81	ESC	8.146.097,9200	666.421,6409	898,528	176°11'02"	303°54'32"	15,7900	1,0842
82	ESC	8.146.097,7202	666.421,7920	898,533	175°41'30"	303°25'00"	16,0000	1,0892
83	ESC	8.146.097,2837	666.421,1245	898,535	178°07'56"	305°51'26"	16,4000	1,0908
84	ESC	8.146.097,2649	666.421,1590	898,728	178°00'51"	305°44'21"	16,4200	1,2841
85	ESC	8.146.097,6626	666.421,8258	898,732	175°35'12"	303°18'42"	16,0600	1,2883
86	ESC	8.146.097,4834	666.421,9662	898,725	175°08'31"	302°52'01"	16,2500	1,2815
87	ESC	8.146.097,0406	666.421,3109	898,730	177°31'06"	305°14'36"	16,6500	1,2862
88	POT	8.146.096,9299	666.421,2973	898,903	177°34'53"	305°18'23"	16,7600	1,4588
89	POT	8.146.096,3029	666.421,7385	898,910	176°13'03"	303°56'33"	17,4100	1,4660
90	ESC	8.146.097,4445	666.421,9808	898,887	175°06'08"	302°49'38"	16,2900	1,4434
91	ESC	8.146.095,5595	666.422,2344	898,167	174°48'48"	302°32'18"	18,1900	0,7226
92	ESC	8.146.096,0181	666.422,9199	898,158	172°28'59"	300°12'29"	17,8100	0,7144
93	ESC	8.146.096,0443	666.422,8890	898,362	172°34'14"	300°17'44"	17,7800	0,9182
94	ESC	8.146.095,5886	666.422,2237	898,363	174°50'19"	302°33'49"	18,1600	0,9192

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95	ESC	8.146.095,7971	666.422,0811	898,367	175°13'56"	302°57'26"	17,9400	0,9229
96	ESC	8.146.096,2494	666.422,7588	898,367	172°54'19"	300°37'49"	17,5600	0,9230
97	ESC	8.146.096,2786	666.422,7499	898,541	172°55'21"	300°38'51"	17,5300	1,0970
98	ESC	8.146.095,8465	666.422,0725	898,544	175°14'48"	302°58'18"	17,8900	1,1004
99	ESC	8.146.096,4953	666.422,6267	898,539	173°14'20"	300°57'50"	17,3000	1,0952
100	ESC	8.146.095,9892	666.421,9761	898,546	175°31'07"	303°14'37"	17,7400	1,1025
101	ESC	8.146.096,5121	666.422,5980	898,700	173°19'37"	301°03'07"	17,2800	1,2563
102	ESC	8.146.096,0392	666.421,9738	898,712	175°30'48"	303°14'18"	17,6900	1,2684
103	ESC	8.146.096,7280	666.422,4610	898,716	173°41'59"	301°25'29"	17,0500	1,2720
104	ESC	8.146.096,2687	666.421,8248	898,721	175°56'32"	303°40'02"	17,4500	1,2772
105	ESC	8.146.096,7539	666.422,4218	898,895	173°49'17"	301°32'47"	17,0200	1,4509
106	ESC	8.146.096,2786	666.421,8223	898,899	175°56'53"	303°40'23"	17,4400	1,4554
107	CXQ	8.146.094,5796	666.426,9288	897,913	161°38'10"	289°21'40"	20,1200	0,4690
108	CXQ	8.146.093,4597	666.426,7741	898,006	162°59'26"	290°42'56"	21,1400	0,5621
109	CXQ	8.146.093,8162	666.427,9822	897,858	159°34'58"	287°18'28"	21,1900	0,4145
110	CXQ	8.146.090,3392	666.428,3111	898,044	161°41'32"	289°25'02"	24,5800	0,6002
111	CXQ	8.146.090,6588	666.429,6631	898,020	158°29'07"	286°12'37"	24,7400	0,5763
112	CXQ	8.146.089,5268	666.429,4434	898,008	159°51'56"	287°35'26"	25,7200	0,5643
113	TED	8.146.097,3713	666.432,2773	897,814	144°21'55"	272°05'25"	20,0600	0,3703
114	TED	8.146.092,6806	666.425,9587	898,148	165°39'20"	293°22'50"	21,6700	0,7037
115	TED	8.146.095,2083	666.429,2583	897,977	154°51'16"	282°34'46"	20,4000	0,5333
116	TED	8.146.096,0306	666.423,6042	898,153	170°18'20"	298°01'50"	17,9000	0,7090
117	TED	8.146.100,8770	666.430,0756	897,645	143°27'17"	271°10'47"	15,9300	0,2014
118	TED	8.146.099,2743	666.421,3354	898,097	177°02'13"	304°45'43"	14,4200	0,6529
119	TED	8.146.103,9838	666.427,6499	897,648	143°55'38"	271°39'08"	11,9900	0,2042
120	TED	8.146.101,7229	666.424,3514	897,729	162°31'51"	290°15'21"	12,5300	0,2851
121	PROJT	8.146.091,8591	666.435,5455	897,939	145°34'05"	273°17'35"	26,4500	0,4954
122	PROJT	8.146.080,8618	666.442,9191	898,183	145°45'54"	273°29'24"	39,6900	0,7386
123	PROJT	8.146.090,0804	666.432,2986	898,033	153°36'27"	281°19'57"	26,3400	0,5886
124	PROJT	8.146.086,9538	666.434,0948	898,457	153°11'17"	280°54'47"	29,9400	1,0132
125	PROJT	8.146.084,7021	666.430,7721	898,462	160°38'12"	288°21'42"	30,7100	1,0179
126	PROJT	8.146.085,9105	666.429,7931	898,457	161°39'40"	289°23'10"	29,2500	1,0126
127	PROJTG	8.146.084,0594	666.431,0545	898,464	160°32'22"	288°15'52"	31,4100	1,0203
128	PROJTG	8.146.104,8370	666.417,3885	898,291	199°54'44"	327°38'14"	9,4000	0,8468
129	PROJTG	8.146.084,1669	666.386,3246	898,237	229°15'58"	356°59'28"	45,2200	0,7929
130	PROJTG	8.146.090,7785	666.431,5165	898,027	154°29'20"	282°12'50"	25,3700	0,5831
131	PROJTG	8.146.089,4458	666.431,2487	898,022	156°15'17"	283°58'47"	26,4700	0,5776
132	PROJTG	8.146.090,5007	666.432,5314	898,066	152°44'19"	280°27'49"	26,0700	0,6225
133	CXR	8.146.089,1894	666.427,1919	898,177	164°54'38"	292°38'08"	25,3600	0,7334
134	CXR	8.146.089,5987	666.426,2384	898,183	166°47'49"	294°31'19"	24,7300	0,7386
135	CXR	8.146.092,5439	666.425,3017	898,170	167°25'48"	295°09'18"	21,6500	0,7259
136	CXR	8.146.092,7423	666.424,2482	898,175	170°05'13"	297°48'43"	21,2500	0,7313
137	CXR	8.146.100,7263	666.419,8467	898,099	183°17'07"	311°00'37"	12,9700	0,6546
138	CXQ	8.146.100,9585	666.418,7425	898,072	188°15'59"	315°59'29"	12,8500	0,6284
139	CXQ	8.146.103,7722	666.417,8685	898,284	195°22'00"	323°05'30"	10,2700	0,8403
140	CXQ	8.146.104,0138	666.416,7672	898,248	201°35'16"	329°18'46"	10,3900	0,8044
141	MR	8.146.104,4399	666.427,6753	897,595	142°30'14"	270°13'44"	11,6400	0,1509
142	EDF	8.146.103,0891	666.417,2510	898,324	197°30'22"	325°13'52"	11,1000	0,8800

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143	EDF	8.146.103,8001	666.416,7923	898,309	201°02'08"	328°45'38"	10,5800	0,8651
144	EDF	8.146.103,4723	666.416,2433	898,317	203°04'32"	330°48'02"	11,0900	0,8733
145	EDF	8.146.103,3422	666.416,3208	898,321	202°26'56"	330°10'26"	11,1800	0,8774
146	EDF	8.146.102,5700	666.416,3975	898,325	200°40'59"	328°24'29"	11,8700	0,8806
147	POT	8.146.102,9476	666.416,9753	898,322	198°37'18"	326°20'48"	11,3200	0,8779
148	SOL	8.146.102,7416	666.416,6846	898,323	199°39'24"	327°22'54"	11,6100	0,8792
149	EDF	8.146.101,4690	666.413,4916	898,307	210°10'48"	337°54'18"	14,1200	0,8633
150	EDF	8.146.100,5716	666.411,9237	898,286	213°28'47"	341°12'17"	15,7100	0,8417
151	EDF	8.146.100,2337	666.411,4046	898,282	214°20'51"	342°04'21"	16,2800	0,8377
152	POT	8.146.099,6807	666.412,0391	898,294	211°25'34"	339°09'04"	16,4000	0,8503
153	POT	8.146.100,0636	666.412,6262	898,303	210°19'52"	338°03'22"	15,7700	0,8590
154	SOL	8.146.099,8874	666.412,3738	898,301	210°47'28"	338°30'58"	16,0500	0,8567
155	EDF	8.146.099,5357	666.411,8167	898,305	211°49'09"	339°32'39"	16,6400	0,8610
156	ARQ	8.146.097,4134	666.408,6574	898,330	216°16'15"	343°59'45"	20,1700	0,8858
157	ARQ	8.146.085,1593	666.390,1913	898,292	226°49'50"	354°33'20"	41,6800	0,8483
158	CXQ	8.146.096,8087	666.404,2549	897,683	224°05'00"	351°48'30"	23,4800	0,2388
159	CXQ	8.146.096,1816	666.397,1476	897,439	233°16'07"	0°59'37"	29,2500	-0,0047
160	CXQ	8.146.099,6187	666.402,4229	897,486	232°16'12"	359°59'42"	22,9700	0,0419
161	CXQ	8.146.093,3101	666.398,9852	897,621	226°41'32"	354°25'02"	29,6900	0,1771
162	CXQ	8.146.098,2821	666.400,3730	897,388	232°42'54"	0°26'24"	25,4100	-0,0563
163	CXQ	8.146.097,4086	666.399,0400	897,510	232°57'13"	0°40'43"	27,0000	0,0663
164	PN	8.146.083,7878	666.440,5509	898,312	146°15'43"	273°59'13"	35,9400	0,8680
165	PN	8.146.087,5641	666.439,0718	898,074	144°42'30"	272°26'00"	31,9900	0,6296
166	PN	8.146.090,4706	666.436,6676	897,944	145°16'59"	273°00'29"	28,2300	0,4999
167	PN	8.146.093,4359	666.434,6087	897,893	145°17'29"	273°00'59"	24,6200	0,4488
168	PN	8.146.096,1272	666.432,3248	897,780	146°13'41"	273°57'11"	21,1100	0,3364
169	PN	8.146.099,2396	666.430,7807	897,691	144°46'47"	272°30'17"	17,6700	0,2469
170	PN	8.146.102,1255	666.428,2159	897,617	146°33'51"	274°17'21"	13,8400	0,1730
171	PN	8.146.099,9225	666.425,2793	897,712	161°10'18"	288°53'48"	14,5300	0,2680
172	PN	8.146.096,6126	666.427,3425	897,767	158°24'31"	286°08'01"	18,3500	0,3231
173	PN	8.146.093,3497	666.429,6178	897,853	156°03'03"	283°46'33"	22,2400	0,4090
174	PN	8.146.089,8365	666.431,1185	898,025	156°10'15"	283°53'45"	26,0600	0,5812
175	PN	8.146.087,4617	666.431,7754	898,456	156°53'30"	284°37'00"	28,5000	1,0122
176	PN	8.146.088,5783	666.429,4358	898,010	160°35'02"	288°18'32"	26,6100	0,5659
177	PN	8.146.091,2811	666.425,9222	898,165	166°36'24"	294°19'54"	23,0200	0,7209
178	PN	8.146.095,0791	666.425,7181	898,010	164°34'59"	292°18'29"	19,2900	0,5663
179	PN	8.146.094,6132	666.423,6762	898,177	170°48'12"	298°31'42"	19,3100	0,7331
180	PN	8.146.097,0902	666.424,5458	897,954	166°35'04"	294°18'34"	17,0500	0,5101
181	PN	8.146.099,6364	666.420,3924	898,062	180°48'23"	308°31'53"	14,0400	0,6181
182	PN	8.146.098,9714	666.423,2933	897,912	169°34'56"	297°18'26"	14,9500	0,4682
183	PN	8.146.102,5201	666.418,3377	898,207	191°24'54"	319°08'24"	11,3800	0,7631
184	PN	8.146.102,6860	666.414,8023	898,302	207°46'30"	335°30'00"	12,4200	0,8581
185	CXQ	8.146.101,6285	666.413,1858	898,287	211°34'35"	339°18'05"	14,1400	0,8428
186	CXQ	8.146.100,5300	666.412,9779	898,281	210°04'28"	337°47'58"	15,1900	0,8369
187	CXQ	8.146.099,0961	666.409,8126	898,300	216°28'25"	344°11'55"	18,1300	0,8557
188	PN	8.146.096,9151	666.406,4623	897,993	220°07'44"	347°51'14"	21,9200	0,5494
189	PN	8.146.094,5080	666.403,2450	897,654	222°08'35"	349°52'05"	25,8500	0,2101
190	PN	8.146.092,4024	666.399,8210	897,647	224°18'49"	352°02'19"	29,7300	0,2028

Nome	Descrição	Norte	Este	Cota
E1	E	8.146.113,6750	666.420,5900	897,444

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
191	PN	8.146.090,2931	666.396,4045	897,646	225°58'04"	353°41'34"	33,6400	0,2024
192	PN	8.146.088,1407	666.393,2083	897,653	226°59'58"	354°43'28"	37,4400	0,2095
193	PN	8.146.085,8311	666.389,8036	898,242	227°52'23"	355°35'53"	41,5100	0,7978
194	PN	8.146.083,2941	666.386,0635	898,258	228°39'16"	356°22'46"	45,9900	0,8144

Nome	Descrição	Norte	Este	Cota
E2	E	8.146.103,2397	666.407,1003	897,813

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E3	A	8.146.088,5249	666.386,5565	897,547	234°23'15"	182°06'44"	25,2700	-0,2660
200	BEB	8.146.099,3094	666.411,4604	898,316	132°01'56"	79°45'25"	5,8700	0,5032
201	BEB	8.146.097,7324	666.412,9717	898,363	133°10'02"	80°53'31"	8,0500	0,5502
202	BEB	8.146.099,5378	666.411,8222	898,315	128°05'45"	75°49'14"	6,0000	0,5021
203	CXQ	8.146.096,7612	666.411,4263	898,344	146°16'02"	93°59'31"	7,7900	0,5313
204	CXQ	8.146.096,5874	666.412,3271	898,348	141°50'34"	89°34'03"	8,4600	0,5355
205	ARQ	8.146.095,7109	666.409,8053	898,565	160°14'15"	107°57'44"	8,0000	0,7519
206	COL	8.146.095,9107	666.410,1288	898,348	157°32'56"	105°16'25"	7,9300	0,5349
207	COL	8.146.095,6574	666.409,7743	898,344	160°34'27"	108°17'56"	8,0400	0,5309
208	ESC	8.146.096,4799	666.409,6652	898,337	159°13'17"	106°56'46"	7,2300	0,5240
209	ESC	8.146.096,3149	666.409,4107	898,341	161°32'59"	109°16'28"	7,3000	0,5282
210	ESC	8.146.096,4746	666.409,6793	898,550	159°07'57"	106°51'26"	7,2400	0,7376
211	COL	8.146.096,2885	666.409,4264	898,555	161°29'53"	109°13'22"	7,3300	0,7421
212	COL	8.146.095,9078	666.410,1217	898,558	157°36'15"	105°19'44"	7,9300	0,7457
213	COL	8.146.095,9023	666.410,1083	898,346	157°42'32"	105°26'01"	7,9300	0,5334
214	COL	8.146.091,5501	666.403,5390	898,708	196°56'38"	144°40'07"	12,2200	0,8958
215	COL	8.146.091,7623	666.403,8821	898,712	195°39'48"	143°23'17"	11,9200	0,8995
216	COL	8.146.091,3922	666.404,1469	898,349	193°59'53"	141°43'22"	12,2100	0,5361
217	COL	8.146.087,6023	666.397,6523	898,701	211°08'25"	158°51'54"	18,2700	0,8885
218	COL	8.146.083,4545	666.391,3964	898,583	218°26'24"	166°09'53"	25,2600	0,7700
219	COL	8.146.098,2498	666.410,3413	898,328	146°59'47"	94°43'16"	5,9500	0,5158
220	CXQ	8.146.089,4818	666.417,0523	898,366	144°07'10"	91°50'39"	16,9800	0,5533
221	CXQ	8.146.089,6406	666.416,1411	898,361	146°23'02"	94°06'31"	16,3300	0,5483
222	CXQ	8.146.082,2006	666.421,8774	898,364	144°55'02"	92°38'31"	25,7100	0,5514
223	CXQ	8.146.082,3749	666.420,9807	898,348	146°21'58"	94°05'27"	25,0600	0,5355
224	GRD	8.146.082,5331	666.420,8575	898,368	146°24'02"	94°07'31"	24,8600	0,5554
225	GRD	8.146.096,1066	666.411,7962	898,347	146°38'31"	94°22'00"	8,5400	0,5346

Nome	Descrição	Norte	Este	Cota
E3	E	8.146.088,5247	666.386,5570	897,508

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E4	A	8.146.063,3231	666.356,6493	897,291	229°52'51"	175°29'40"	39,1100	-0,2167
229	ESC	8.146.084,0697	666.390,9262	898,318	135°33'26"	81°10'15"	6,2400	0,8098
230	ESC	8.146.083,2704	666.391,0601	898,351	139°24'10"	85°00'59"	6,9200	0,8429
231	ESC	8.146.083,8892	666.390,6743	898,323	138°23'17"	84°00'06"	6,2000	0,8148
232	ESC	8.146.083,2796	666.391,0861	898,561	139°11'24"	84°48'13"	6,9300	1,0526
233	ESC	8.146.084,0483	666.390,9473	898,549	135°33'23"	81°10'12"	6,2700	1,0412
234	ESC	8.146.083,8937	666.390,6943	898,545	138°13'21"	83°50'10"	6,2100	1,0367

Nome	Descrição	Norte	Este	Cota
E3	E	8.146.088,5247	666.386,5570	897,508

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
235	LIX	8.146.082,7324	666.391,1783	898,346	141°24'56"	87°01'45"	7,4100	0,8379
236	LIX	8.146.081,5310	666.389,4277	898,338	157°40'58"	103°17'47"	7,5600	0,8302
237	GRD	8.146.081,2965	666.389,5412	898,329	157°33'59"	103°10'48"	7,8200	0,8205
238	GRD	8.146.080,8263	666.388,7693	898,318	163°58'00"	109°34'49"	8,0100	0,8102
239	GRD	8.146.080,3548	666.388,0206	898,298	169°50'35"	115°27'24"	8,3000	0,7896
240	CXQ	8.146.074,3107	666.393,1768	898,306	155°01'38"	100°38'27"	15,6800	0,7984
241	CXQ	8.146.074,1231	666.394,0839	898,330	152°24'23"	98°01'12"	16,2500	0,8216
242	CXQ	8.146.066,8145	666.398,9531	898,308	150°16'28"	95°53'17"	25,0000	0,7996
243	CXQ	8.146.066,9959	666.398,0403	898,290	151°55'29"	97°32'18"	24,4000	0,7821
244	GRD	8.146.068,9369	666.400,3554	898,338	144°50'15"	90°27'04"	23,9600	0,8304

Nome	Descrição	Norte	Este	Cota
E4	E	8.146.063,3229	666.356,6499	897,271

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E5	A	8.146.027,9757	666.401,2900	898,098	128°22'23"	78°29'35"	56,9400	0,8273
300	EDF	8.146.090,7045	666.326,6732	896,641	312°24'34"	262°31'46"	40,6000	-0,6304
301	EDF	8.146.093,5519	666.330,8686	896,674	319°32'25"	269°39'37"	39,7300	-0,5972
302	EDF	8.146.108,8116	666.320,7315	896,552	321°42'18"	271°49'30"	57,9600	-0,7189
303	CAL	8.146.089,8604	666.326,5072	896,515	311°21'38"	261°28'50"	40,1600	-0,7565
304	CAL	8.146.093,3858	666.331,6806	896,580	320°17'17"	270°24'29"	39,0800	-0,6913
305	CAL	8.146.100,0040	666.327,2967	896,601	321°19'56"	271°27'08"	46,9800	-0,6702
306	CAL	8.146.099,6679	666.326,8500	896,667	320°39'04"	270°46'16"	47,0000	-0,6038
307	CAL	8.146.109,8539	666.321,2106	896,491	322°42'22"	272°49'34"	58,4900	-0,7802
308	CXQ	8.146.104,6931	666.323,6816	896,722	321°26'54"	271°34'06"	52,9000	-0,5490
309	CXQ	8.146.104,5238	666.324,5329	896,749	322°03'46"	272°10'58"	52,2400	-0,5226
310	CXQ	8.146.101,8869	666.326,0814	896,813	321°35'50"	271°43'02"	49,2100	-0,4586
311	CXQ	8.146.101,6500	666.327,0769	896,812	322°20'47"	272°27'59"	48,4100	-0,4592
312	CXQ	8.146.098,1609	666.328,0087	896,659	320°34'32"	270°41'44"	45,1000	-0,6120
313	CXQ	8.146.097,9754	666.328,8590	896,610	321°16'15"	271°23'27"	44,4200	-0,6614
314	CAL	8.146.049,3555	666.382,2814	897,951	118°35'14"	68°42'26"	29,1900	0,6796
315	EDF	8.146.050,0209	666.382,9583	898,054	116°49'19"	66°56'31"	29,4800	0,7832
316	EDF	8.146.049,9312	666.382,8790	898,050	117°02'50"	67°10'02"	29,4500	0,7787
317	CAL	8.146.065,3530	666.371,6633	898,014	82°17'57"	32°25'09"	15,1500	0,7427
318	EDF	8.146.054,9523	666.379,5692	898,054	110°03'47"	60°10'59"	24,4000	0,7830
319	EDF	8.146.055,0400	666.379,6329	898,054	109°49'07"	59°56'19"	24,4300	0,7832
320	EDF	8.146.059,9718	666.376,2556	898,062	99°41'58"	49°49'10"	19,8900	0,7906
321	EDF	8.146.060,0803	666.376,3245	898,062	99°21'31"	49°28'43"	19,9400	0,7905
322	EDF	8.146.064,9800	666.372,9258	898,078	84°11'11"	34°18'23"	16,3600	0,8070
323	EDF	8.146.064,7477	666.373,1084	898,075	85°03'08"	35°10'20"	16,5200	0,8037
324	CAL	8.146.070,1260	666.378,7777	897,986	72°54'36"	23°01'48"	23,1500	0,7146
325	CAL	8.146.074,8322	666.385,8001	897,978	68°27'16"	18°34'28"	31,3400	0,7067
326	EDF	8.146.073,5677	666.385,6856	898,055	70°33'55"	20°41'07"	30,7900	0,7836
327	PN	8.146.052,2028	666.379,8861	897,910	115°34'27"	65°41'39"	25,7600	0,6388
328	PN	8.146.052,6046	666.380,7106	898,021	114°00'41"	64°07'53"	26,3400	0,7494
329	PN	8.146.054,9357	666.378,1950	897,935	111°16'13"	61°23'25"	23,1200	0,6639
330	PN	8.146.056,3226	666.378,2751	898,051	107°56'14"	58°03'26"	22,7300	0,7800
331	PN	8.146.057,9547	666.376,0717	897,963	105°27'03"	55°34'15"	20,1500	0,6917

Nome	Descrição	Norte	Este	Cota
E4	E	8.146.063,3229	666.356,6499	897,271

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
332	PN	8.146.058,5080	666.376,8233	898,047	103°25'26"	53°32'38"	20,7400	0,7762
333	PN	8.146.060,6856	666.374,1523	897,967	98°34'08"	48°41'20"	17,7000	0,6959
334	PN	8.146.061,0355	666.375,0886	898,068	97°04'18"	47°11'30"	18,5800	0,7970
335	PN	8.146.063,5287	666.372,1786	897,967	89°14'26"	39°21'38"	15,5300	0,6954
336	PN	8.146.064,0535	666.373,1137	898,075	87°27'32"	37°34'44"	16,4800	0,8034
337	PN	8.146.067,2521	666.373,6621	897,971	76°59'41"	27°06'53"	17,4600	0,6998
338	PN	8.146.066,5639	666.374,3659	898,075	79°37'58"	29°45'10"	18,0100	0,8033
339	PN	8.146.068,0581	666.376,5339	898,068	76°36'17"	26°43'29"	20,4400	0,7968
340	PN	8.146.068,8172	666.375,9844	897,966	74°08'11"	24°15'23"	20,1000	0,6945
341	PN	8.146.069,9065	666.379,1672	898,037	73°42'07"	23°49'19"	23,4600	0,7663
342	PN	8.146.071,9723	666.382,3642	898,065	71°24'31"	21°31'43"	27,1300	0,7935
343	PN	8.146.072,6925	666.381,7693	897,965	69°32'39"	19°39'51"	26,8100	0,6941
344	PN	8.146.073,9278	666.385,6625	898,053	69°55'16"	20°02'28"	30,8900	0,7823
345	PN	8.146.074,8881	666.385,0018	897,944	67°48'31"	17°55'43"	30,6200	0,6727

Nome	Descrição	Norte	Este	Cota
E5	E	8.146.027,9722	666.401,2949	898,093

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E6	A	8.146.057,0738	666.405,5429	898,156	8°18'17"	59°55'55"	29,4100	0,0637
400	MR	8.146.048,5250	666.381,4211	898,048	315°57'44"	7°35'22"	28,5900	-0,0446
401	EDF	8.146.044,6829	666.386,4533	898,060	318°23'24"	10°01'02"	22,3500	-0,0328
402	EDF	8.146.053,0316	666.398,8342	898,065	354°23'30"	46°01'08"	25,1800	-0,0276
403	MR	8.146.049,2219	666.401,4084	898,064	0°18'21"	51°55'59"	21,2500	-0,0282
404	TOCO	8.146.047,9106	666.399,0894	898,059	353°41'16"	45°18'54"	20,0600	-0,0341
405	TOCO	8.146.049,1474	666.400,8448	898,066	358°46'56"	50°24'34"	21,1800	-0,0264
406	TOCO	8.146.048,4659	666.399,9169	898,057	356°09'11"	47°46'49"	20,5400	-0,0357
407	BCO	8.146.049,6139	666.400,6974	898,062	358°25'06"	50°02'44"	21,6500	-0,0309
408	BCO	8.146.052,1729	666.399,2144	898,060	355°05'11"	46°42'49"	24,2900	-0,0323
409	PORT	8.146.048,4383	666.391,9951	898,060	335°33'47"	27°11'25"	22,4800	-0,0329
410	PORT	8.146.047,3143	666.390,3379	898,055	330°28'09"	22°05'47"	22,2300	-0,0378
411	SOL	8.146.047,8862	666.391,1263	898,057	332°57'00"	24°34'38"	22,3600	-0,0354
412	PORT	8.146.044,0209	666.394,4437	898,057	336°52'56"	28°30'34"	17,4500	-0,0353
413	PORT	8.146.042,6201	666.392,3177	898,002	328°29'50"	20°07'28"	17,1800	-0,0908
414	PORT	8.146.049,1782	666.401,7058	898,187	1°06'36"	52°44'14"	21,2100	0,0946
415	PORT	8.146.050,4441	666.403,5013	898,179	5°36'27"	57°14'05"	22,5800	0,0863
416	MR	8.146.036,5577	666.409,3753	898,378	43°15'50"	94°53'28"	11,7900	0,2853
417	MOU	8.146.039,5872	666.408,0370	898,214	30°08'00"	81°45'38"	13,4300	0,1213
418	MOU	8.146.041,6813	666.410,9711	898,258	35°12'54"	86°50'32"	16,7800	0,1654
419	MOU	8.146.043,7434	666.413,9486	898,328	38°44'27"	90°22'05"	20,2200	0,2351

Nome	Descrição	Norte	Este	Cota
E6	E	8.146.057,0685	666.405,5419	898,137

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E7	A	8.146.064,7006	666.453,7212	898,585	80°59'55"	252°41'39"	48,7800	0,4479
500	GRD	8.146.081,0033	666.387,5383	898,067	323°02'59"	134°44'43"	29,9500	-0,0707
501	GRD	8.146.065,9542	666.397,4917	898,221	317°49'27"	129°31'11"	11,9900	0,0841

Nome	Descrição	Norte	Este	Cota
E6	E	8.146.057,0685	666.405,5419	898,137

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
502	GRD	8.146.065,2893	666.397,7163	898,149	316°24'38"	128°06'22"	11,3500	0,0114
503	ESC	8.146.067,8401	666.401,6888	898,305	340°19'02"	152°00'46"	11,4400	0,1674
504	ESC	8.146.067,6727	666.401,4397	898,301	338°51'03"	150°32'47"	11,3700	0,1635
505	ESC	8.146.067,8600	666.401,6849	898,536	340°19'57"	152°01'41"	11,4600	0,3988
506	ESC	8.146.067,6916	666.401,4331	898,531	338°51'16"	150°33'00"	11,3900	0,3934
507	ESC	8.146.068,2665	666.400,9841	898,318	337°51'10"	149°32'54"	12,0900	0,1805
508	ESC	8.146.068,2741	666.401,0027	898,530	337°56'52"	149°38'36"	12,0900	0,3929
509	COL	8.146.068,2612	666.400,9710	898,317	337°47'08"	149°28'52"	12,0900	0,1796
510	COL	8.146.068,5074	666.401,3289	898,535	339°46'51"	151°28'35"	12,1900	0,3980
511	COL	8.146.072,3892	666.407,1991	898,676	6°10'24"	177°52'08"	15,4100	0,5387
512	COL	8.146.076,5528	666.413,4288	898,701	22°02'14"	193°43'58"	21,0200	0,5641
513	COL	8.146.080,6873	666.419,7055	898,520	30°57'00"	202°38'44"	27,5400	0,3829
514	ARQ	8.146.078,9086	666.420,9010	898,321	35°07'01"	206°48'45"	26,7000	0,1834
515	ESC	8.146.080,1000	666.420,1621	898,334	32°24'25"	204°06'09"	27,2800	0,1968
516	ESC	8.146.080,2657	666.420,4045	898,336	32°38'53"	204°20'37"	27,5500	0,1986
517	ESC	8.146.080,1236	666.420,1436	898,551	32°20'52"	204°02'36"	27,2900	0,4140
518	ESC	8.146.080,2901	666.420,3848	898,543	32°35'10"	204°16'54"	27,5600	0,4052
519	ESC	8.146.080,8397	666.420,0524	898,329	31°24'03"	203°05'47"	27,8500	0,1914
520	ESC	8.146.080,8392	666.420,0533	898,537	31°24'11"	203°05'55"	27,8500	0,4001
521	ARQ	8.146.066,7113	666.402,4707	898,250	342°19'59"	154°01'43"	10,1200	0,1122
522	PROJT	8.146.063,5104	666.399,9354	898,128	318°57'58"	130°39'42"	8,5400	-0,0092
523	CAL	8.146.065,1146	666.402,9281	898,166	342°00'12"	153°41'56"	8,4600	0,0286
524	CAL	8.146.063,9519	666.400,2376	898,160	322°22'56"	134°04'40"	8,6900	0,0223
525	CAL	8.146.065,4839	666.397,8961	898,171	317°44'36"	129°26'20"	11,3700	0,0334
526	PN	8.146.076,2720	666.396,1434	898,310	333°55'19"	145°37'03"	21,3800	0,1728
527	PN	8.146.081,9881	666.405,3966	898,316	359°39'57"	171°21'41"	24,9200	0,1784
528	PN	8.146.087,4076	666.412,7344	898,320	13°20'13"	185°01'57"	31,1800	0,1831
529	CXQ	8.146.076,1814	666.421,3608	898,210	39°36'47"	211°18'31"	24,8100	0,0726
530	CXQ	8.146.077,0289	666.421,4594	898,220	38°34'15"	210°15'59"	25,5300	0,0823
531	PORT	8.146.079,9057	666.424,7639	898,505	40°05'14"	211°46'58"	29,8500	0,3672
532	PORT	8.146.079,0980	666.425,2972	898,497	41°53'05"	213°34'49"	29,5900	0,3595
533	PORT	8.146.079,5107	666.425,0260	898,545	40°57'51"	212°39'35"	29,7200	0,4077
534	PORT	8.146.082,1909	666.424,5284	898,315	37°04'50"	208°46'34"	31,4900	0,1772
535	PORT	8.146.081,7742	666.423,9173	898,315	36°38'27"	208°20'11"	30,7900	0,1773
536	PORT	8.146.082,0013	666.424,2316	898,311	36°51'19"	208°33'03"	31,1600	0,1734
537	EDF	8.146.081,6336	666.423,7040	898,332	36°28'38"	208°10'22"	30,5500	0,1951
538	EDF	8.146.080,1008	666.424,6710	898,421	39°42'39"	211°24'23"	29,9400	0,2841
539	EDF	8.146.072,4524	666.429,7350	898,321	57°32'55"	229°14'39"	28,6700	0,1839
540	PROJT	8.146.071,7418	666.429,3423	898,314	58°20'44"	230°02'28"	27,9600	0,1763
541	PROJT	8.146.081,4511	666.423,3104	898,338	36°04'56"	207°46'40"	30,1700	0,2005
542	PN	8.146.082,3256	666.426,3743	898,261	39°30'59"	211°12'43"	32,7400	0,1238
543	PN	8.146.078,1114	666.424,7778	898,335	42°25'53"	214°07'37"	28,5100	0,1972
544	PN	8.146.080,5776	666.424,2590	898,315	38°31'32"	210°13'16"	30,0500	0,1777
545	PN	8.146.078,9457	666.424,1800	898,336	40°25'45"	212°07'29"	28,7400	0,1982
546	PN	8.146.074,9866	666.416,6084	898,159	31°42'01"	203°23'45"	21,0600	0,0214
547	PN	8.146.069,5916	666.408,1900	898,164	11°56'22"	183°38'06"	12,8000	0,0266

Nome	Descrição	Norte	Este	Cota
E7	E	8.146.064,7015	666.453,7221	898,563

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
E1	A	8.146.113,6762	666.420,5903	897,455	325°55'17"	64°55'25"	59,1290	-1,1073
900	PORT	8.146.079,1283	666.439,8993	898,472	316°13'30"	55°13'38"	19,9800	-0,0902
901	PORT	8.146.079,6717	666.440,7785	898,467	319°09'09"	58°09'17"	19,7900	-0,0952
902	PORT	8.146.079,4098	666.440,3029	898,469	317°37'27"	56°37'35"	19,9100	-0,0930
903	CAL	8.146.078,4785	666.440,1347	898,361	315°23'50"	54°23'58"	19,3500	-0,2016
904	CAL	8.146.079,3632	666.441,4810	898,378	320°08'29"	59°08'37"	19,1000	-0,1846