

	Estação de Partida	Referência de Partida
Nome	EEL-65	EEL-65A
Norte	8.422.990,0530	8.422.457,1710
Este	747.471,9500	747.653,3750
Cota	558,880	563,614
Azimute	161°11'54"	
Distância	562,9194 m	

	Estação de Chegada	Referência de Chegada
Nome	EEL-66	EEL-66A
Norte	8.420.749,1810	8.421.133,2040
Este	750.198,1780	749.978,1280
Cota	609,816	631,098
Azimute	330°11'12"	
Distância	442,6010 m	

	Observados	Compensados
Perímetro	7.604,0130 m	7.606,0696 m
Área		

	Erros	Tolerâncias	Fora
Angular	0°01'29"	0°02'54" (= 0°00'20" x N½)	
Relativo	1:10832	1:10000	
Linear	0,7019 m		
Eixo Norte	-0,5531 m		
Eixo Este	0,4322 m		
Altimétrico	0,238 m	0,055 m (= 20 mm x K½)	X

Meridiano	Datum
-45°00'00"	SAD-69

Estação	AH Plano	DH Plana	Desnível	Azim Plano	Norte	Este	Altitude
EEL-65A					8.422.457,1710	747.653,3750	
				341°11'54"			
EEL-65	276°51'15"				8.422.990,0530	747.471,9500	558,880
		66,1173	3,9249	78°03'15"			
I-1	257°20'29"				8.423.003,7384	747.536,6355	562,805
		248,0228	2,1248	155°23'50"			
I-2	173°26'15"				8.422.778,2322	747.639,8936	564,930
		120,0248	2,0085	148°50'11"			
I-3	178°55'54"				8.422.675,5279	747.702,0047	566,938
		122,9296	6,6200	147°46'09"			
I-4	201°06'28"				8.422.571,5409	747.767,5668	573,558
		78,9067	-1,0689	168°52'42"			
I-5	197°57'31"				8.422.494,1160	747.782,7872	572,489
		197,2092	-12,0085	186°50'18"			
I-6	209°08'21"				8.422.298,3097	747.759,3061	560,481
		148,8538	-1,4387	215°58'42"			
I-7	201°57'02"				8.422.177,8511	747.671,8578	559,042
		119,5798	-0,6221	237°55'45"			
I-8	179°54'44"				8.422.114,3584	747.570,5267	558,420
		345,4042	-6,3373	237°50'30"			
I-9	152°32'27"				8.421.930,5131	747.278,1143	552,083
		69,9118	1,8036	210°22'55"			
I-10	185°11'00"				8.421.870,2020	747.242,7556	553,886
		73,3667	-0,5814	215°33'52"			
I-11	122°02'20"				8.421.810,5209	747.200,0843	553,305
		38,9590	4,0634	157°36'08"			
I-12	206°07'39"				8.421.774,5010	747.214,9290	557,368
		49,9374	2,5842	183°43'44"			
I-13	197°57'59"				8.421.724,6693	747.211,6813	559,952
		25,3653	-0,4335	201°41'39"			
I-14	129°32'24"				8.421.701,1006	747.202,3049	559,519
		31,3254	3,2035	151°13'59"			
I-15	198°26'23"				8.421.673,6413	747.217,3802	562,722
		27,0017	2,4709	169°40'18"			
I-16	175°40'08"				8.421.647,0771	747.222,2213	565,193
		26,2105	7,1259	165°20'21"			
I-17	174°46'11"				8.421.621,7200	747.228,8551	572,319
		35,1289	-4,6290	160°06'28"			
I-18	177°16'25"				8.421.588,6871	747.240,8077	567,690
		25,5393	3,8231	157°22'49"			
I-19	169°15'21"				8.421.565,1123	747.250,6304	571,513
		51,4432	-4,9654	146°38'05"			
I-20	170°17'02"				8.421.522,1479	747.278,9229	566,548
		78,3689	0,5857	136°55'02"			
I-21	168°37'11"				8.421.464,9097	747.332,4531	567,134
		43,4461	0,0358	125°32'09"			
I-22	169°44'35"				8.421.439,6584	747.367,8075	567,169
		20,6920	0,7972	115°16'39"			

Meridiano	Datum
-45°00'00"	SAD-69

Estação	AH Plano	DH Plana	Desnível	Azim Plano	Norte	Este	Altitude
I-23	183°32'11"				8.421.430,8228	747.386,5183	567,967
		44,3464	-4,7512	118°48'45"			
I-24	164°12'16"				8.421.409,4504	747.425,3747	563,215
		21,2222	0,5646	103°00'56"			
I-25	184°38'28"				8.421.404,6708	747.446,0516	563,780
		57,1148	-0,6849	107°39'19"			
I-26	168°47'44"				8.421.387,3483	747.500,4762	563,095
		39,9167	1,9155	96°26'59"			
I-27	173°22'37"				8.421.382,8644	747.540,1403	565,011
		107,2864	0,1803	89°49'32"			
I-28	151°52'08"				8.421.383,1908	747.647,4262	565,191
		60,5663	3,2462	61°41'37"			
I-29	170°39'23"				8.421.411,9105	747.700,7503	568,437
		29,2979	-1,1247	52°20'58"			
I-30	213°55'00"				8.421.429,8070	747.723,9469	567,312
		70,4085	-5,5332	86°15'55"			
I-31	167°23'36"				8.421.434,3931	747.794,2059	561,779
		255,8610	-0,7560	73°39'29"			
I-32	182°20'35"				8.421.506,3843	748.039,7301	561,023
		269,3211	24,1960	76°00'04"			
I-33	179°20'45"				8.421.571,5338	748.301,0525	585,219
		53,2854	7,7242	75°20'51"			
I-34	204°48'07"				8.421.585,0127	748.352,6049	592,943
		95,9959	2,3258	100°08'59"			
I-35	191°16'44"				8.421.568,0961	748.447,0985	595,269
		35,3961	-0,4516	111°25'45"			
I-36	181°01'37"				8.421.555,1641	748.480,0476	594,818
		36,1853	1,3618	112°27'24"			
I-37	190°56'43"				8.421.541,3418	748.513,4888	596,180
		63,8448	-7,3184	123°24'10"			
I-38	188°35'02"				8.421.506,1940	748.566,7879	588,861
		49,9801	-4,6504	131°59'14"			
I-39	192°29'11"				8.421.472,7591	748.603,9378	584,211
		99,6768	-17,1675	144°28'28"			
I-40	214°09'17"				8.421.391,6366	748.661,8568	567,043
		299,6950	19,3591	178°37'46"			
I-41	219°36'23"				8.421.092,0273	748.669,0243	586,402
		167,0659	6,0220	218°14'10"			
I-42	204°36'52"				8.420.960,8024	748.565,6269	592,424
		290,9108	-9,3148	242°51'01"			
I-43	156°35'50"				8.420.828,0544	748.306,7696	583,110
		177,9509	15,2865	219°26'47"			
I-44	156°20'44"				8.420.690,6373	748.193,7073	598,396
		87,0182	12,7469	195°47'27"			
I-45	174°03'19"				8.420.606,9030	748.170,0276	611,143
		20,7205	-4,9285	189°50'40"			
I-46	167°37'41"				8.420.586,4876	748.166,4849	606,214
		127,8406	-7,5398	177°28'15"			

Meridiano	Datum
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Estação	AH Plano	DH Plana	Desnível	Azim Plano	Norte	Este	Altitude
I-47	157°02'09"				8.420.458,7715	748.172,1262	598,675
		69,5821	9,5548	154°30'17"			
I-48	165°26'13"				8.420.395,9652	748.202,0767	608,229
		27,0062	7,2262	139°56'24"			
I-49	182°06'59"				8.420.375,2955	748.219,4576	615,456
		278,1715	-6,9135	142°03'16"			
I-50	177°36'15"				8.420.155,9308	748.390,5087	608,542
		242,1608	-2,2210	139°39'24"			
I-51	186°55'24"				8.419.971,3612	748.547,2759	606,321
		91,0650	-3,1046	146°34'40"			
I-52	149°44'00"				8.419.895,3552	748.597,4347	603,217
		40,9335	1,9927	116°18'33"			
I-53	166°23'16"				8.419.877,2129	748.634,1282	605,209
		293,6181	4,3437	102°41'41"			
I-54	136°47'51"				8.419.812,6878	748.920,5686	609,553
		38,6935	4,4325	59°29'26"			
I-55	200°09'37"				8.419.832,3318	748.953,9048	613,985
		160,0652	4,7324	79°38'57"			
I-56	180°02'33"				8.419.861,0919	749.111,3650	618,718
		159,9752	3,9143	79°41'25"			
I-57	179°57'12"				8.419.889,7226	749.268,7574	622,632
		191,8159	2,8594	79°38'33"			
I-58	180°12'06"				8.419.924,2091	749.457,4477	625,492
		99,1343	9,2810	79°50'36"			
I-59	179°28'53"				8.419.941,6904	749.555,0285	634,773
		49,1033	-5,2641	79°19'28"			
I-60	180°18'49"				8.419.950,7867	749.603,2819	629,509
		179,9835	-2,0842	79°38'15"			
I-61	180°03'07"				8.419.983,1611	749.780,3298	627,424
		70,0026	5,1648	79°41'22"			
I-62	179°41'02"				8.419.995,6905	749.849,2020	632,589
		69,5610	-2,9865	79°22'24"			
I-63	174°32'18"				8.420.008,5183	749.917,5699	629,603
		70,3152	1,5548	73°54'42"			
I-64	175°20'02"				8.420.028,0040	749.985,1313	631,157
		15,1647	-3,4889	69°14'45"			
I-65	173°37'25"				8.420.033,3777	749.999,3119	627,669
		83,1463	-2,2657	62°52'11"			
I-66	168°24'22"				8.420.071,2937	750.073,3098	625,403
		53,6728	3,2024	51°16'35"			
I-67	170°48'05"				8.420.104,8695	750.115,1838	628,605
		34,9076	-0,5420	42°04'42"			
I-68	174°23'32"				8.420.130,7790	750.138,5770	628,063
		62,7388	-8,9489	36°28'17"			
I-69	168°57'13"				8.420.181,2307	750.175,8702	619,114
		53,0371	10,9171	25°25'33"			
I-70	171°07'10"				8.420.229,1307	750.198,6413	630,031
		71,5772	0,6349	16°32'46"			

Meridiano	Datum
-45°00'00"	SAD-69

Estação	AH Plano	DH Plana	Desnível	Azim Plano	Norte	Este	Altitude
I-71	163°35'41"				8.420.297,7439	750.219,0257	630,666
		125,4310	5,5171	0°08'31"			
I-72	159°55'26"				8.420.423,1745	750.219,3364	636,183
		85,4989	8,8308	340°04'02"			
I-73	176°06'50"				8.420.503,5514	750.190,1883	645,014
		164,0613	-5,0878	336°10'57"			
I-74	241°39'56"				8.420.653,6407	750.123,9364	639,926
		120,9949	-30,1104	37°50'59"			
EEL-66					8.420.749,1810	750.198,1780	609,816