Relatório de Alinhamento Horizontal

EIXO 14								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.362.160,389					0+0,000	
	X	471.047,264	115°21'40,18"					
1,000	Y	8.362.156,464		8.362.184,896	8.362.157,973	8.362.155,739	0+5,641	0+12,653
	X	471.055,545	101°52'35,52"	471.065,124	471.052,362	471.058,992		
FIM	Y	8.362.148,695						2+6,880
	X	471.092,485						

EIXO 15								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.362.154,287					0+0,000	
	X	471.065,894	148°58'06,90"					
FIM	Y	8.362.134,956						1+2,560
	X	471.077,524						

EIXO 11								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.362.174,834		8.362.164,785	8.362.174,834	8.362.164,788	0+0,011	0+15,792
	X	471.048,273		471.038,228	471.038,228	471.048,276		

1,000	Y	8.362.174,834		8.362.164,784	8.362.164,787	8.362.154,733	0+15,793	1+11,584
	X	471.048,273	90°00'00,0"	471.038,225	471.048,276	471.038,226		
2,000	Y	8.362.154,734		8.362.164,772	8.362.154,733	8.362.164,772	1+11,590	2+7,360
	X	471.048,279	179°58'55,25"	471.038,219	471.038,219	471.028,179		
3,000	Y	8.362.154,732		8.362.164,837	8.362.164,837	8.362.174,834	2+7,425	3+3,129
	X	471.028,179	269°59'47,18"	471.038,176	471.028,179	471.038,177		
4,000	Y	8.362.174,835					3+3,155	
	X	471.028,179	0°00'00,0"					
FIM	Y	8.362.174,834						3+3,155
	X	471.038,203						

EIXO 13								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.362.197,349					0+0,000	
	X	471.031,894	152°26'04,30"					
1,000	Y	8.362.184,869		8.362.182,851	8.362.186,792	8.362.182,699	0+11,908	0+16,158
	X	471.038,409	181°01'26,30"	471.029,854	471.037,405	471.038,370		
FIM	Y	8.362.174,834						1+4,024
	X	471.038,229						

EIXO 12								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.362.171,640					0+0,000	
	X	471.011,443	65°06'15,62"					
1,000	Y	8.362.177,169		8.362.165,264	8.362.174,489	8.362.173,146	0+6,767	0+18,144

1,000	X	471.023,356	129°11'51,82"	471.021,863	471.017,581	471.028,290	0+0,707	0+15,144
FIM	Y	8.362.171,302						1+1,062
	X	471.030,551						

EIXO 08								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.361.858,738					0+0,000	
	X	470.921,650	14°33'30,90"					
1,000	Y	8.361.862,252		8.361.869,788	8.361.859,714	8.361.864,854	0+1,009	0+6,246
	X	470.922,563	7°04'17,31"	470.883,117	470.921,904	470.922,886		
2,000	Y	8.361.971,222		8.361.940,135	8.361.950,808	8.361.988,322	4+12,859	6+13,252
	X	470.936,081	33°46'00,24"	471.019,584	470.933,549	470.947,514		
3,000	Y	8.362.058,497		8.362.082,837	8.362.033,017	8.362.089,073	9+7,017	12+6,083
	X	470.994,433	356°00'37,92"	470.902,885	470.977,398	470.992,301		
4,000	Y	8.362.140,863		8.362.125,137	8.362.123,247	8.362.149,137	14+0,340	15+11,657
	X	470.988,689	62°03'30,75"	471.017,019	470.989,917	471.004,289		
FIM	Y	8.362.162,014						16+19,137
	X	471.028,566						

EIXO 02								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.359.382,469					0+0,000	
	X	469.198,389	150°04'25,90"					
1,000	Y	8.359.239,944		8.357.555,239	8.359.241,780	8.359.238,107	8+2,334	8+6,570
	X	469.280,431	150°08'44,36"	466.349,485	469.279,374	469.281,485		

2,000	Y	8.359.148,837	150°08'44,56"	8.359.253,839	8.359.222,157	8.359.209,553	9+4,960	15+2,764
	X	469.332,723	44°05'37,91"	469.345,839	469.290,640	469.391,548		
3,000	Y	8.359.210,759		8.359.262,568	8.359.210,074	8.359.211,461	15+3,489	15+5,398
	X	469.392,717	42°38'38,54"	469.337,871	469.392,053	469.393,364		
FIM	Y	8.359.214,645						15+9,726
	X	469.396,296						

EIXO SUDOESTE								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.359.157,381					0+0,000	
	X	469.324,005	60°06'35,23"					
1,000	Y	8.359.272,070		8.359.402,598	8.359.159,843	8.359.486,839	0+4,941	19+4,259
	X	469.523,535	342°29'27,5"	469.188,754	469.328,289	469.455,781		
2,000	Y	8.359.583,938		8.359.604,327	8.359.544,155	8.359.625,420	22+4,360	26+6,612
	X	469.425,149	6°03'15,10"	469.628,433	469.437,700	469.429,549		
3,000	Y	8.359.702,269		8.359.641,932	8.359.657,752	8.359.736,917	27+19,125	32+6,133
	X	469.437,699	39°17'20,73"	469.582,141	469.432,978	469.466,047		
4,000	Y	8.359.839,491		8.359.889,704	8.359.804,217	8.359.885,039	36+13,090	41+0,997
	X	469.549,971	1°58'48,70"	469.416,626	469.521,111	469.551,545		
5,000	Y	8.359.968,102		8.359.894,387	8.359.899,789	8.360.012,759	41+15,756	48+4,633
	X	469.554,417	49°12'25,35"	469.708,316	469.552,055	469.606,166		
6,000	Y	8.360.045,249		8.360.179,476	8.360.028,061	8.360.067,004	49+8,055	52+0,373
	X	469.643,816	34°13'08,17"	469.493,232	469.623,898	469.658,611		
7,000	Y	8.360.198,549		8.360.304,102	8.360.175,465	8.360.224,732	58+11,539	61+7,098
	X	469.748,073	20°18'09,67"	469.543,223	469.732,373	469.757,759		
8,000	Y	8.360.273,937		8.360.109,970	8.360.241,491	8.360.303,674	62+4,967	65+13,967
	X	469.775,964	30°43'57,37"	470.119,455	469.763,960	469.793,643		

9,000	Y	8.360.333,246	30°43'37,37"	8.360.412,160	8.360.310,863	8.360.358,305	66+2,331	68+14,113
	X	469.811,224	15°45'53,81"	469.627,535	469.797,917	469.818,299		
10,000	Y	8.360.409,715		8.360.313,717	8.360.387,074	8.360.430,909	70+4,006	72+10,939
	X	469.832,812	25°43'27,60"	470.086,264	469.826,420	469.843,023		
11,000	Y	8.360.533,668		8.360.431,135	8.360.489,731	8.360.553,932	75+16,232	80+9,835
	X	469.892,532	65°27'02,7"	469.992,984	469.871,363	469.936,894		
12,000	Y	8.360.570,636		8.360.401,158	8.360.560,896	8.360.574,442	81+6,597	83+13,208
	X	469.973,465	80°39'28,9"	470.025,105	469.952,141	469.996,597		
13,000	Y	8.360.584,278		8.360.708,666	8.360.575,456	8.360.627,792	83+19,457	89+2,787
	X	470.056,387	36°48'11,12"	469.980,849	470.002,764	470.088,944		
14,000	Y	8.360.714,794		8.360.766,158	8.360.685,284	8.360.751,429	92+14,590	96+6,547
	X	470.154,037	6°15'48,20"	470.023,864	470.131,958	470.158,058		
15,000	Y	8.360.962,434		8.360.903,907	8.360.918,636	8.360.994,964	104+14,758	108+19,938
	X	470.181,216	42°24'53,33"	470.310,604	470.176,409	470.210,936		
16,000	Y	8.361.089,868		8.360.827,825	8.361.058,559	8.361.113,244	113+6,076	117+10,461
	X	470.297,639	56°32'54,40"	470.521,591	470.269,036	470.333,022		
17,000	Y	8.361.146,605		8.361.565,803	8.361.133,861	8.361.161,018	119+7,863	121+14,071
	X	470.383,518	51°26'03,92"	470.078,857	470.364,228	470.401,595		
18,000	Y	8.361.257,566		8.361.040,800	8.361.242,546	8.361.268,838	128+4,849	130+12,895
	X	470.522,688	62°06'12,3"	470.664,704	470.503,850	470.543,980		
19,000	Y	8.361.300,671		8.361.464,765	8.361.288,826	8.361.317,737	132+15,615	135+5,975
	X	470.604,110	47°36'33,36"	470.488,595	470.581,737	470.622,806		
20,000	Y	8.361.481,274		8.361.799,805	8.361.460,985	8.361.504,293	145+18,451	148+18,554
	X	470.801,960	40°06'09,93"	470.470,449	470.779,733	470.821,346		
21,000	Y	8.361.606,480		8.361.659,764	8.361.572,802	8.361.650,402	153+8,121	157+13,242
	X	470.907,403	3°58'35,31"	470.775,782	470.879,042	470.910,457		
22,000	Y	8.361.738,792		8.361.739,512	8.361.730,150	8.361.747,439	161+13,182	162+10,483
	X	470.916,601	356°38'01,85"	470.781,325	470.916,000	470.916,092		
23,000	Y	8.361.779,958		8.361.779,735	8.361.771,809	8.361.788,105	163+14,895	164+11,201

25,000	X	470.914,180	3°33'16,49"	471.049,426	470.914,659	470.914,686	163+14,695	164+11,201
FIM	Y	8.361.835,328						166+18,515
	X	470.917,619						

EIXO 04								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.360.574,995					0+0,000	
	X	469.999,958	80°39'28,9"					
1,000	Y	8.360.585,909		8.360.696,121	8.360.575,536	8.360.643,606	0+3,334	6+1,086
	X	470.066,298	25°26'59,63"	469.983,409	470.003,247	470.093,757		
2,000	Y	8.360.723,189		8.360.777,861	8.360.711,899	8.360.735,200	9+16,718	11+1,670
	X	470.131,630	16°08'10,82"	469.987,653	470.126,257	470.135,105		
3,000	Y	8.360.839,741		8.360.891,030	8.360.824,778	8.360.855,139	15+14,922	17+6,030
	X	470.165,351	8°39'33,87"	469.932,034	470.161,022	470.167,696		
FIM	Y	8.360.896,134						19+7,498
	X	470.173,940						

EIXO 05								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.360.574,995					0+0,000	
	X	469.999,958	80°39'28,9"					
1,000	Y	8.360.583,497		8.360.728,598	8.360.575,763	8.360.616,313	0+4,733	4+17,172
	X	470.051,638	46°27'48,68"	469.979,485	470.004,628	470.086,175		
2,000	Y	8.360.706,484		8.360.761,585	8.360.663,356	8.360.769,003	8+5,467	14+2,771
	X	470.181,075	356°51'43,3"	470.042,350	470.135,685	470.177,647		

3,000	Y	8.360.876,312	330°31'45,3	8.360.872,208	8.360.863,996	8.360.888,573	18+17,908	20+2,521
	X	470.171,764	6°15'48,20"	470.322,214	470.172,439	470.173,110		
FIM	Y	8.360.896,134						20+10,128
	X	470.173,940						

EIXO 03								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.359.192,787					0+0,000	
	X	469.363,820	252°21'10,67"					
1,000	Y	8.359.188,625		8.359.200,252	8.359.188,878	8.359.188,485	0+12,897	0+14,564
	X	469.350,734	260°21'16,61"	469.347,911	469.351,530	469.349,911		
2,000	Y	8.359.184,744		8.359.175,230	8.359.187,538	8.359.169,758	1+0,215	2+3,387
	X	469.327,903	154°00'25,16"	469.346,432	469.344,340	469.335,210		
3,000	Y	8.359.156,272		8.359.175,051	8.359.169,730	8.359.165,475	2+3,418	3+5,015
	X	469.341,786	52°04'30,17"	469.346,136	469.335,224	469.353,597		
FIM	Y	8.359.184,458						4+15,900
	X	469.377,959						

EIXO 01								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.358.949,108					0+0,000	
	X	469.446,835	330°13'58,99"					
1,000	Y	8.359.137,372		8.359.127,667	8.359.058,743	8.359.210,204	6+6,300	14+6,814
	X	469.339,159	36°28'46,34"	469.504,639	469.384,130	469.393,013		
FIM	Y	8.359.214,645						14+12,337

FIM	X	469.396,296						14+12,337

RETORNO 02								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.360.764,811					0+0,000	
	X	470.143,672	171°04'41,52"					
1,000	Y	0,000		8.360.744,090	8.360.742,539	8.360.738,855	1+2,545	2+6,894
	X	0,000	31°34'02,41"	470.157,048	470.147,169	470.165,568		
FIM	Y	8.360.758,799						3+10,301
	X	470.177,822						

RETORNO 01								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.360.698,145					0+0,000	
	X	470.119,712	44°33'20,53"					
1,000	Y	0,000		8.360.712,250	8.360.719,266	8.360.711,809	1+9,641	2+13,721
	X	0,000	182°31'32,4"	470.147,633	470.140,508	470.157,624		
FIM	Y	8.360.688,744						3+16,809
	X	470.156,606						

EIXO 06								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.361.859,140					0+0,000	

INÍCIO	X	470.913,218	72°29'07,47"				0+0,000	
1,000	Y	8.361.862,811		8.361.847,509	8.361.859,140	8.361.851,179	0+0,003	0+19,162
	X	470.924,852	162°29'07,48"	470.916,891	470.913,220	470.928,523		
2,000	Y	8.361.839,542		8.361.847,480	8.361.851,139	8.361.835,882	0+19,204	1+18,306
	X	470.932,195	252°29'07,48"	470.916,938	470.928,535	470.920,598		
3,000	Y	8.361.832,199		8.361.847,513	8.361.835,873	8.361.843,840	1+18,339	2+17,513
	X	470.908,926	342°29'07,48"	470.916,893	470.920,567	470.905,253		
4,000	Y	8.361.855,468		8.361.847,536	8.361.843,879	8.361.859,125	2+17,554	3+16,643
	X	470.901,583	72°29'07,48"	470.916,830	470.905,240	470.913,172		
FIM	Y	8.361.859,134						3+16,670
	X	470.913,199						

EIXO 07								
CURVA Nº		COORDENADAS PI	AZIMUTE	COORDENADAS			ESTACA	
				CC	TE ou PC	ET ou PT	INICIAL/TE/PC	ET/PT/FIM
INÍCIO	Y	8.361.879,373					0+0,000	
	X	470.892,702	142°48'09,20"					
FIM	Y	8.361.857,234						1+7,794
	X	470.909,505						

Relatório de Alinhamento Horizontal por Estaca

EIXO 14			
Estaca	Norte	Este	Cota
0+0,000	8.362.160,389	471.047,264	76,285
0+5,641 PC	8.362.157,973	471.052,362	76,517
0+12,653 PT	8.362.155,739	471.058,992	76,795
1+0,000	8.362.154,227	471.066,181	76,967
2+0,000	8.362.150,111	471.085,753	76,678
2+6,880	8.362.148,695	471.092,485	76,388

EIXO 15			
Estaca	Norte	Este	Cota
0+0,000	8.362.154,287	471.065,894	76,963
1+0,000	8.362.137,150	471.076,204	77,722
1+2,560	8.362.134,956	471.077,524	77,819

EIXO 11			
Estaca	Norte	Este	Cota
0+0,000	8.362.174,834	471.038,217	76,963
0+0,011 PC	8.362.174,834	471.038,228	76,374
0+15,792 PT	8.362.164,788	471.048,276	76,374
0+15,793 PC	8.362.164,787	471.048,276	76,294
1+0,000	8.362.160,702	471.047,410	75,839
1+11,584 PT	8.362.154,733	471.038,226	75,839
1+11,590 PC	8.362.154,733	471.038,219	75,502
2+0,000	8.362.158,054	471.030,759	75,490
2+7,360 PT	8.362.164,772	471.028,179	75,491
2+7,425 PC	8.362.164,837	471.028,179	76,074
3+0,000	8.362.174,348	471.035,099	76,281
3+3,129 PT	8.362.174,834	471.038,177	76,283
3+3,155	8.362.174,834	471.038,203	76,283

EIXO 13			
Estaca	Norte	Este	Cota
0+0,000	8.362.197,349	471.031,894	77,187
0+11,908 PC	8.362.186,792	471.037,405	76,739
0+16,158 PT	8.362.182,699	471.038,370	76,579
1+0,000	8.362.178,857	471.038,301	76,434
1+4,024	8.362.174,834	471.038,229	76,283

EIXO 12			
Estaca	Norte	Este	Cota
0+0,000	8.362.171,640	471.011,443	76,693
0+6,767 PC	8.362.174,489	471.017,581	76,384
0+18,144 PT	8.362.173,146	471.028,290	75,864
1+0,000	8.362.171,973	471.029,728	75,779
1+1,062	8.362.171,302	471.030,551	75,730

EIXO 08			
Estaca	Norte	Este	Cota
0+0,000	8.361.858,738	470.921,650	63,393
0+1,009 PC	8.361.859,714	470.921,904	63,384
0+6,246 PT	8.361.864,854	470.922,886	63,336
1+0,000	8.361.878,504	470.924,579	63,210
2+0,000	8.361.898,352	470.927,041	63,027
3+0,000	8.361.918,200	470.929,503	62,845
4+0,000	8.361.938,048	470.931,966	62,691
4+12,859 PC	8.361.950,808	470.933,549	62,760
5+0,000	8.361.957,851	470.934,719	62,873
6+0,000	8.361.976,787	470.941,018	63,442
6+13,252 PT	8.361.988,322	470.947,514	63,873
7+0,000	8.361.993,932	470.951,265	64,092
8+0,000	8.362.010,558	470.962,381	64,750
9+0,000	8.362.027,184	470.973,497	65,597
9+7,017 PC	8.362.033,017	470.977,398	65,957
10+0,000	8.362.044,294	470.983,808	66,699
11+0,000	8.362.063,157	470.990,331	67,874
12+0,000	8.362.082,995	470.992,518	69,049
12+6,083 PT	8.362.089,073	470.992,301	69,406
13+0,000	8.362.102,956	470.991,333	70,224
14+0,000	8.362.122,908	470.989,941	71,424
14+0,340 PC	8.362.123,247	470.989,917	71,445
15+0,000	8.362.141,666	470.995,458	72,710
15+11,657 PT	8.362.149,137	471.004,289	73,501
16+0,000	8.362.153,047	471.011,660	74,086
16+19,137	8.362.162,014	471.028,566	75,464

EIXO 02			
Estaca	Norte	Este	Cota
0+0,000	8.359.382,469	469.198,389	98,097
1+0,000	8.359.365,136	469.208,366	98,345
2+0,000	8.359.347,803	469.218,344	98,592

3+0,000	8.359.330,469	469.228,322	98,835
4+0,000	8.359.313,136	469.238,299	99,077
5+0,000	8.359.295,802	469.248,277	99,310
6+0,000	8.359.278,469	469.258,255	99,336
7+0,000	8.359.261,136	469.268,232	99,084
8+0,000	8.359.243,802	469.278,210	98,750
8+2,334 PC	8.359.241,780	469.279,374	98,711
8+6,570 PT	8.359.238,107	469.281,485	98,641
9+0,000	8.359.226,459	469.288,171	98,410
9+4,960 PC	8.359.222,157	469.290,640	98,322
10+0,000	8.359.210,115	469.299,591	98,046
11+0,000	8.359.197,961	469.315,371	97,657
12+0,000	8.359.191,280	469.334,135	97,243
13+0,000	8.359.190,726	469.354,045	96,811
14+0,000	8.359.196,353	469.373,151	96,378
15+0,000	8.359.207,610	469.389,583	95,946
15+2,764 PT	8.359.209,553	469.391,548	95,886
15+3,489 PC	8.359.210,074	469.392,053	95,870
15+5,398 PT	8.359.211,461	469.393,364	95,829
15+9,726	8.359.214,645	469.396,296	95,735

EIXO SUDOESTE			
Estaca	Norte	Este	Cota
0+0,000	8.359.157,381	469.324,005	98,024
0+4,941 PC	8.359.159,843	469.328,289	97,999
1+0,000	8.359.167,695	469.341,137	97,924
2+0,000	8.359.179,169	469.357,513	97,715
3+0,000	8.359.191,783	469.373,028	97,130
4+0,000	8.359.205,472	469.387,604	96,268
5+0,000	8.359.220,166	469.401,165	95,469
6+0,000	8.359.235,790	469.413,643	94,935
7+0,000	8.359.252,265	469.424,974	94,673
8+0,000	8.359.269,507	469.435,101	94,607
9+0,000	8.359.287,428	469.443,971	94,549
10+0,000	8.359.305,936	469.451,540	94,491
11+0,000	8.359.324,937	469.457,768	94,433
12+0,000	8.359.344,334	469.462,625	94,395
13+0,000	8.359.364,028	469.466,085	94,497
14+0,000	8.359.383,919	469.468,130	94,759
15+0,000	8.359.403,905	469.468,751	95,181
16+0,000	8.359.423,884	469.467,944	95,762
17+0,000	8.359.443,755	469.465,713	96,504
18+0,000	8.359.463,416	469.462,069	97,385
19+0,000	8.359.482,767	469.457,032	98,285

19+4,259 PT	8.359.486,839	469.455,781	98,477
20+0,000	8.359.501,850	469.451,046	99,186
21+0,000	8.359.520,923	469.445,029	100,087
22+0,000	8.359.539,997	469.439,011	100,879
22+4,360 PC	8.359.544,155	469.437,700	101,003
23+0,000	8.359.559,239	469.433,582	101,296
24+0,000	8.359.578,917	469.430,054	101,327
25+0,000	8.359.598,849	469.428,508	100,970
26+0,000	8.359.618,835	469.428,960	100,239
26+6,612 PT	8.359.625,420	469.429,549	99,961
27+0,000	8.359.638,734	469.430,961	99,399
27+19,125 PC	8.359.657,752	469.432,978	98,775
28+0,000	8.359.658,622	469.433,073	98,755
29+0,000	8.359.678,291	469.436,615	98,507
30+0,000	8.359.697,314	469.442,740	98,652
31+0,000	8.359.715,355	469.451,340	99,192
32+0,000	8.359.732,092	469.462,261	100,126
32+6,133 PT	8.359.736,917	469.466,047	100,473
33+0,000	8.359.747,649	469.474,828	101,257
34+0,000	8.359.763,128	469.487,493	102,273
35+0,000	8.359.778,607	469.500,157	102,488
36+0,000	8.359.794,087	469.512,822	101,900
36+13,090 PC	8.359.804,217	469.521,111	101,441
37+0,000	8.359.809,675	469.525,348	101,198
38+0,000	8.359.826,600	469.535,970	100,510
39+0,000	8.359.844,907	469.543,977	100,150
40+0,000	8.359.864,196	469.549,194	100,245
41+0,000	8.359.884,043	469.551,507	100,796
41+0,997 PT	8.359.885,039	469.551,545	100,835
41+15,756 PC	8.359.899,789	469.552,055	101,550
42+0,000	8.359.904,029	469.552,260	101,788
43+0,000	8.359.923,857	469.554,765	102,908
44+0,000	8.359.943,205	469.559,779	104,028
45+0,000	8.359.961,754	469.567,220	104,863
46+0,000	8.359.979,203	469.576,966	105,172
47+0,000	8.359.995,266	469.588,859	104,955
48+0,000	8.360.009,680	469.602,704	104,213
48+4,633 PT	8.360.012,759	469.606,166	103,975
49+0,000	8.360.022,798	469.617,800	103,185
49+8,055 PC	8.360.028,061	469.623,898	102,771
50+0,000	8.360.036,130	469.632,703	102,158
51+0,000	8.360.050,770	469.646,317	101,106
52+0,000	8.360.066,696	469.658,401	100,008
52+0,373 PT	8.360.067,004	469.658,611	99,987
53+0,000	8.360.083,234	469.669,649	98,864

54+0,000	8.360.099,772	469.680,896	97,672
55+0,000	8.360.116,310	469.692,143	96,434
56+0,000	8.360.132,848	469.703,390	95,172
57+0,000	8.360.149,385	469.714,637	93,911
58+0,000	8.360.165,923	469.725,884	92,649
58+11,539 PC	8.360.175,465	469.732,373	91,921
59+0,000	8.360.182,548	469.737,001	91,387
60+0,000	8.360.199,933	469.746,875	90,126
61+0,000	8.360.218,114	469.755,194	88,864
61+7,098 PT	8.360.224,732	469.757,759	88,416
62+0,000	8.360.236,832	469.762,236	87,602
62+4,967 PC	8.360.241,491	469.763,960	87,289
63+0,000	8.360.255,482	469.769,454	86,341
64+0,000	8.360.273,739	469.777,615	85,079
65+0,000	8.360.291,540	469.786,728	83,817
65+13,967 PT	8.360.303,674	469.793,643	82,936
66+0,000	8.360.308,860	469.796,726	82,556
66+2,331 PC	8.360.310,863	469.797,917	82,409
67+0,000	8.360.326,433	469.806,258	81,298
68+0,000	8.360.344,871	469.813,984	80,133
68+14,113 PT	8.360.358,305	469.818,299	79,387
69+0,000	8.360.363,971	469.819,898	79,095
70+0,000	8.360.383,219	469.825,332	78,186
70+4,006 PC	8.360.387,074	469.826,420	78,019
71+0,000	8.360.402,329	469.831,219	77,405
72+0,000	8.360.420,961	469.838,476	76,747
72+10,939 PT	8.360.430,909	469.843,023	76,408
73+0,000	8.360.439,072	469.846,956	76,126
74+0,000	8.360.457,090	469.855,637	75,505
75+0,000	8.360.475,108	469.864,318	74,876
75+16,232 PC	8.360.489,731	469.871,363	74,236
76+0,000	8.360.493,102	469.873,046	74,063
77+0,000	8.360.510,127	469.883,506	72,994
78+0,000	8.360.525,421	469.896,365	71,677
79+0,000	8.360.538,650	469.911,341	70,288
80+0,000	8.360.549,524	469.928,105	68,969
80+9,835 PT	8.360.553,932	469.936,894	68,409
81+0,000	8.360.558,155	469.946,140	67,893
81+6,597 PC	8.360.560,896	469.952,141	67,593
82+0,000	8.360.565,994	469.964,533	67,068
83+0,000	8.360.571,810	469.983,658	66,493
83+13,208 PT	8.360.574,442	469.996,597	66,251
83+19,457 PC	8.360.575,456	470.002,764	66,175
84+0,000	8.360.575,546	470.003,299	66,169
85+0,000	8.360.580,317	470.022,703	66,096

86+0,000	8.360.587,901	470.041,189	66,273
87+0,000	8.360.598,131	470.058,354	66,630
88+0,000	8.360.610,782	470.073,821	66,984
89+0,000	8.360.625,577	470.087,251	67,293
89+2,787 PT	8.360.627,792	470.088,944	67,333
90+0,000	8.360.641,574	470.099,255	67,555
91+0,000	8.360.657,588	470.111,236	67,770
92+0,000	8.360.673,602	470.123,218	67,936
92+14,590 PC	8.360.685,284	470.131,958	68,028
93+0,000	8.360.689,680	470.135,111	68,055
94+0,000	8.360.706,938	470.145,181	68,127
95+0,000	8.360.725,494	470.152,594	68,150
96+0,000	8.360.744,941	470.157,186	68,127
96+6,547 PT	8.360.751,429	470.158,058	68,109
97+0,000	8.360.764,802	470.159,525	68,055
98+0,000	8.360.784,682	470.161,707	67,936
99+0,000	8.360.804,563	470.163,889	67,791
100+0,000	8.360.824,444	470.166,071	67,752
101+0,000	8.360.844,324	470.168,253	67,861
102+0,000	8.360.864,205	470.170,435	68,115
103+0,000	8.360.884,086	470.172,617	68,410
104+0,000	8.360.903,966	470.174,799	68,706
104+14,758 PC	8.360.918,636	470.176,409	68,924
105+0,000	8.360.923,834	470.177,082	69,001
106+0,000	8.360.943,325	470.181,486	69,297
107+0,000	8.360.961,952	470.188,719	69,569
108+0,000	8.360.979,307	470.198,622	69,683
108+19,938 PT	8.360.994,964	470.210,936	69,617
109+0,000	8.360.995,010	470.210,978	69,616
110+0,000	8.361.009,776	470.224,468	69,391
111+0,000	8.361.024,541	470.237,957	69,143
112+0,000	8.361.039,307	470.251,447	68,894
113+0,000	8.361.054,073	470.264,937	68,688
113+6,076 PC	8.361.058,559	470.269,036	68,653
114+0,000	8.361.068,644	470.278,634	68,626
115+0,000	8.361.082,429	470.293,120	68,713
116+0,000	8.361.095,344	470.308,388	68,908
117+0,000	8.361.107,345	470.324,383	69,107
117+10,461 PT	8.361.113,244	470.333,022	69,197
118+0,000	8.361.118,502	470.340,981	69,255
119+0,000	8.361.129,527	470.357,668	69,302
119+7,863 PC	8.361.133,861	470.364,228	69,293
120+0,000	8.361.140,669	470.374,276	69,248
121+0,000	8.361.152,397	470.390,475	69,091
121+14,071 PT	8.361.161,018	470.401,595	68,920

122+0,000	8.361.164,714	470.406,231	68,833
123+0,000	8.361.177,182	470.421,869	68,524
124+0,000	8.361.189,651	470.437,507	68,216
125+0,000	8.361.202,119	470.453,145	67,943
126+0,000	8.361.214,587	470.468,783	67,795
127+0,000	8.361.227,055	470.484,420	67,775
128+0,000	8.361.239,523	470.500,058	67,883
128+4,849 PC	8.361.242,546	470.503,850	67,929
129+0,000	8.361.251,638	470.515,967	68,120
130+0,000	8.361.262,523	470.532,740	68,485
130+12,895 PT	8.361.268,838	470.543,980	68,788
131+0,000	8.361.272,163	470.550,260	68,978
132+0,000	8.361.281,520	470.567,936	69,596
132+15,615 PC	8.361.288,826	470.581,737	70,107
133+0,000	8.361.290,920	470.585,589	70,250
134+0,000	8.361.301,525	470.602,536	70,904
135+0,000	8.361.313,776	470.618,334	71,428
135+5,975 PT	8.361.317,737	470.622,806	71,534
136+0,000	8.361.327,193	470.633,165	71,691
137+0,000	8.361.340,677	470.647,936	71,694
138+0,000	8.361.354,160	470.662,707	71,437
139+0,000	8.361.367,644	470.677,479	70,919
140+0,000	8.361.381,128	470.692,250	70,271
141+0,000	8.361.394,611	470.707,021	69,623
142+0,000	8.361.408,095	470.721,793	68,975
143+0,000	8.361.421,579	470.736,564	68,327
144+0,000	8.361.435,062	470.751,335	67,680
145+0,000	8.361.448,546	470.766,106	67,032
145+18,451 PC	8.361.460,985	470.779,733	66,434
146+0,000	8.361.462,031	470.780,876	66,384
147+0,000	8.361.475,882	470.795,302	65,736
148+0,000	8.361.490,347	470.809,111	65,119
148+18,554 PT	8.361.504,293	470.821,346	64,641
149+0,000	8.361.505,400	470.822,278	64,608
150+0,000	8.361.520,697	470.835,161	64,206
151+0,000	8.361.535,995	470.848,044	63,914
152+0,000	8.361.551,293	470.860,927	63,732
153+0,000	8.361.566,591	470.873,810	63,628
153+8,121 PC	8.361.572,802	470.879,042	63,587
154+0,000	8.361.582,213	470.886,284	63,528
155+0,000	8.361.599,374	470.896,521	63,458
156+0,000	8.361.617,857	470.904,112	63,427
157+0,000	8.361.637,259	470.908,892	63,437
157+13,242 PT	8.361.650,402	470.910,457	63,465
158+0,000	8.361.657,144	470.910,925	63,487

159+0,000	8.361.677,096	470.912,312	63,575
160+0,000	8.361.697,048	470.913,699	63,673
161+0,000	8.361.717,000	470.915,086	63,731
161+13,182 PC	8.361.730,150	470.916,000	63,738
162+0,000	8.361.736,961	470.916,301	63,733
162+10,483 PT	8.361.747,439	470.916,092	63,711
163+0,000	8.361.756,940	470.915,533	63,679
163+14,895 PC	8.361.771,809	470.914,659	63,603
164+0,000	8.361.776,910	470.914,455	63,571
164+11,201 PT	8.361.788,105	470.914,686	63,502
165+0,000	8.361.796,887	470.915,231	63,448
166+0,000	8.361.816,849	470.916,471	63,325
166+18,515	8.361.835,328	470.917,619	63,213

EIXO 04			
Estaca	Norte	Este	Cota
0+0,000	8.360.574,995	469.999,958	66,298
0+3,334 PC	8.360.575,536	470.003,247	66,267
1+0,000	8.360.579,353	470.019,457	66,153
2+0,000	8.360.586,786	470.038,000	66,246
3+0,000	8.360.597,141	470.055,085	66,577
4+0,000	8.360.610,142	470.070,254	66,948
5+0,000	8.360.625,440	470.083,102	67,320
6+0,000	8.360.642,627	470.093,285	67,665
6+1,086 PT	8.360.643,606	470.093,757	67,681
7+0,000	8.360.660,685	470.101,884	67,919
8+0,000	8.360.678,744	470.110,479	68,077
9+0,000	8.360.696,803	470.119,073	68,139
9+16,718 PC	8.360.711,899	470.126,257	68,118
10+0,000	8.360.714,877	470.127,636	68,106
11+0,000	8.360.733,598	470.134,632	68,009
11+1,670 PT	8.360.735,200	470.135,105	68,001
12+0,000	8.360.752,808	470.140,199	67,911
13+0,000	8.360.772,020	470.145,758	67,812
14+0,000	8.360.791,232	470.151,316	67,713
15+0,000	8.360.810,444	470.156,875	67,639
15+14,922 PC	8.360.824,778	470.161,022	67,662
16+0,000	8.360.829,671	470.162,381	67,686
17+0,000	8.360.849,190	470.166,713	67,866
17+6,030 PT	8.360.855,139	470.167,696	67,947
18+0,000	8.360.868,950	470.169,800	68,161
19+0,000	8.360.888,722	470.172,811	68,472
19+7,498	8.360.896,134	470.173,940	68,589

EIXO 05			
Estaca	Norte	Este	Cota
0+0,000	8.360.574,995	469.999,958	66,228
0+4,733 PC	8.360.575,763	470.004,628	66,170
1+0,000	8.360.578,979	470.019,546	66,131
2+0,000	8.360.585,383	470.038,478	66,272
3+0,000	8.360.594,172	470.056,428	66,680
4+0,000	8.360.605,198	470.073,097	67,032
4+17,172 PT	8.360.616,313	470.086,175	67,237
5+0,000	8.360.618,261	470.088,225	67,262
6+0,000	8.360.632,038	470.102,724	67,371
7+0,000	8.360.645,814	470.117,223	67,423
8+0,000	8.360.659,590	470.131,722	67,660
8+5,467 PC	8.360.663,356	470.135,685	67,798
9+0,000	8.360.673,912	470.145,664	68,275
10+0,000	8.360.690,059	470.157,434	68,859
11+0,000	8.360.707,762	470.166,702	69,096
12+0,000	8.360.726,635	470.173,265	68,970
13+0,000	8.360.746,268	470.176,982	68,483
14+0,000	8.360.766,234	470.177,771	67,913
14+2,771 PT	8.360.769,003	470.177,647	67,851
15+0,000	8.360.786,206	470.176,704	67,562
16+0,000	8.360.806,176	470.175,609	67,430
17+0,000	8.360.826,146	470.174,514	67,518
18+0,000	8.360.846,116	470.173,420	67,802
18+17,908 PC	8.360.863,996	470.172,439	68,083
19+0,000	8.360.866,086	470.172,339	68,116
20+0,000	8.360.886,065	470.172,856	68,430
20+2,521 PT	8.360.888,573	470.173,110	68,470
20+10,128	8.360.896,134	470.173,940	68,589

EIXO 03			
Estaca	Norte	Este	Cota
0+0,000	8.359.192,787	469.363,820	96,595
0+12,897 PC	8.359.188,878	469.351,530	96,840
0+14,564 PT	8.359.188,485	469.349,911	96,871
1+0,000	8.359.187,574	469.344,552	96,965
1+0,215 PC	8.359.187,538	469.344,340	96,968
2+0,000	8.359.172,966	469.334,154	97,120
2+3,387 PT	8.359.169,758	469.335,210	97,117
2+3,418 PC	8.359.169,730	469.335,224	97,117
3+0,000	8.359.163,285	469.349,125	96,979
3+5,015 PT	8.359.165,475	469.353,597	96,897

4+0,000	8.359.174,685	469.365,417	96,625
4+15,900	8.359.184,458	469.377,959	96,336

EIXO 01			
Estaca	Norte	Este	Cota
0+0,000	8.358.949,108	469.446,835	99,922
1+0,000	8.358.966,470	469.436,905	99,698
2+0,000	8.358.983,831	469.426,976	99,473
3+0,000	8.359.001,192	469.417,046	99,249
4+0,000	8.359.018,553	469.407,117	99,024
5+0,000	8.359.035,914	469.397,187	98,800
6+0,000	8.359.053,275	469.387,258	98,573
6+6,300 PC	8.359.058,743	469.384,130	98,495
7+0,000	8.359.070,952	469.377,926	98,305
8+0,000	8.359.089,731	469.371,096	97,981
9+0,000	8.359.109,296	469.367,033	97,642
10+0,000	8.359.129,242	469.365,821	97,302
11+0,000	8.359.149,156	469.367,485	96,963
12+0,000	8.359.168,624	469.371,991	96,623
13+0,000	8.359.187,243	469.379,245	96,284
14+0,000	8.359.204,628	469.389,097	95,944
14+6,814 PT	8.359.210,204	469.393,013	95,829
14+12,337	8.359.214,645	469.396,296	95,735

RETORNO 02			
Estaca	Norte	Este	Cota
0+0,000	8.360.764,811	470.143,672	67,849
1+0,000	8.360.745,053	470.146,774	68,117
1+2,545 PC	8.360.742,539	470.147,169	68,164
2+0,000	8.360.734,631	470.160,292	68,533
2+6,894 PT	8.360.738,855	470.165,568	68,563
2+9,659 PI	8.360.715,753	470.151,374	68,539
3+0,000	8.360.750,022	470.172,429	68,327
3+10,301	8.360.758,799	470.177,822	68,099

RETORNO 01			
Estaca	Norte	Este	Cota
0+0,000	8.360.698,145	470.119,712	68,140
1+0,000	8.360.712,396	470.133,744	68,261
1+9,641 PC	8.360.719,266	470.140,508	68,326
2+0,000	8.360.721,957	470.150,037	68,526
2+13,721 PT	8.360.711,809	470.157,624	68,812

2+15,671 PI	8.360.737,814	470.158,771	68,836
3+0,000	8.360.705,536	470.157,347	68,873
3+16,809	8.360.688,744	470.156,606	68,826

EIXO 06			
Estaca	Norte	Este	Cota
0+0,000	8.361.859,140	470.913,218	63,526
0+0,003 PC	8.361.859,140	470.913,220	63,526
0+19,162 PT	8.361.851,179	470.928,523	63,821
0+19,204 PC	8.361.851,139	470.928,535	63,822
1+0,000	8.361.850,373	470.928,750	63,824
1+18,306 PT	8.361.835,882	470.920,598	63,605
1+18,339 PC	8.361.835,873	470.920,567	63,604
2+0,000	8.361.835,482	470.918,954	63,557
2+17,513 PT	8.361.843,840	470.905,253	63,288
2+17,554 PC	8.361.843,879	470.905,240	63,288
3+0,000	8.361.846,270	470.904,743	63,290
3+16,643 PT	8.361.859,125	470.913,172	63,526
3+16,670	8.361.859,134	470.913,199	63,526

EIXO 07			
Estaca	Norte	Este	Cota
0+0,000	8.361.879,373	470.892,702	62,717
1+0,000	8.361.863,442	470.904,793	63,203
1+7,794	8.361.857,234	470.909,505	63,393