

**ESTUDIO DE MEJORAMIENTO DE LA CARRETERA
ENTRE SAN BORJA Y TRINIDAD
EN
LA REPUBLICA DE BOLIVIA
(FASE II)**

INFORME FINAL

**DATOS DE REFERENCIA TECNICA
(CALCULOS DE COORDENADAS)**

ENERO 1989

AGENCIA DE COOPERACION INTERNACIONAL DEL JAPON

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**ESTUDIO DE MEJORAMIENTO DE LA CARRETERA
ENTRE SAN BORJA Y TRINIDAD
EN
LA REPUBLICA DE BOLIVIA
(FASE II)**

INFORME FINAL

**DATOS DE REFERENCIA TECNICA
(CALCULOS DE COORDENADAS)**

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AGENCIA DE COOPERACION INTERNACIONAL DEL JAPON

国際協力事業団

19318

PRESENTACION

La presente nota de Cálculos de coordenadas ha sido preparada para determinar el eje central en base a los levantamientos de poligonales y coordenadas de puntos de control. Estos trabajos fueron realizados en los meses de septiembre y octubre del año 1987, dentro del marco del Estudio de Mejoramiento de la carretera entre San Borja y Trinidad, Fase II. En la oportunidad del levantamiento de poligonales se establecieron, asimismo, los puntos de referencia en cada 5 kms.

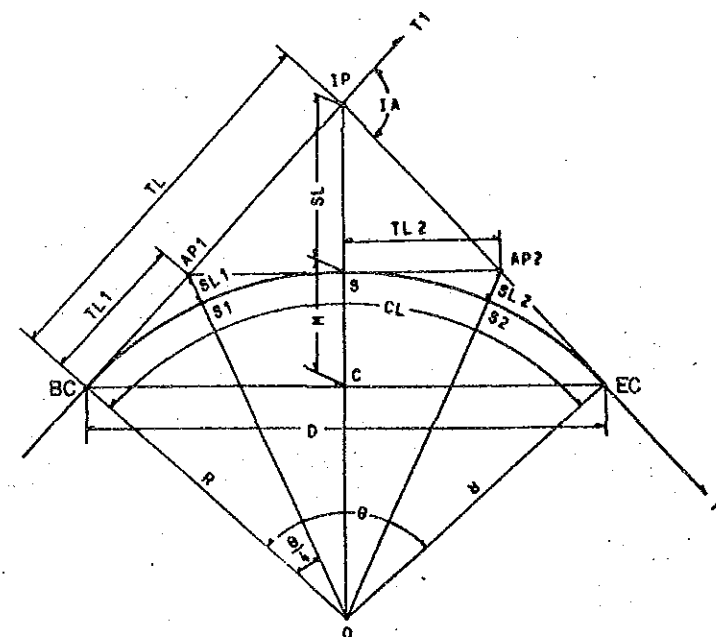
Para la restitución del eje de la carretera, se recomienda encontrar la estaca de línea central, realizando los trabajos de levantamiento de poligonales en base a los datos de puntos de referencia.

G U I AEJEMPLO

	(X)	(Y)
IP.....	+ 1,245.7760	-19,996.4910
AP1.....	+ 1,247.3929	-20,009.3585
AP2.....	+ 1,238.1881	-19,985.9738
SL1.....	+ 1,246.6310	-20,009.5530
S.....	+ 1,241.7905	-19,997.6662
S2.....	+ 1,237.4980	-19,986.3509
C.....	+ 1,239.8978	-19,998.8048
O.....	+ 1,149.7397	-20,034.2934
R.....	+ 100.0000	
TL.....	25.5342	
D.....	49.4808	
M.....	3.1088	
SL.....	3.2085	
TL1,2....	12.5655	
SL1,2....	0.7864	
CL.....	50.0000	
IA.....	28 38 52.40	
T1.....	97 09 43.10	
T2.....	125 48 35.50	

SIMBOLOS

IP No...	Número, Punto de Intersección.
X.....	Coordenada X
Y.....	Coordenada Y
IP.....	Punto de Intersección
O.....	Centro de circunferencia
R.....	Radio
D.....	Cuerda Principal
C.....	Centro de Cuerda principal.
M.....	Ordenada media.
SL.....	Externa
CL.....	Longitud de curva
IA.....	Angulo de Deflexión.
T1, T2.	Azinut de tangente
TL.....	Longitud de Tangente
BC.....	Principio de curva
S.....	Centro de Curva
EC.....	Final de curva.
STA.....	Progresiva
L.....	Igual a CL (Longitud de curva)
T.....	Igual a T1 - T2 (Azinut de tangente)



BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

S-80867

(FORM 5)

I.P. NO. ()

IP	+16,867.5609	+118,018.6202
AP1	+16,977.1101	+118,031.7967
AP2	+16,773.4517	+117,961.0172
S1	+16,978.4146	+118,026.1514
S	+16,875.2809	+117,996.4069
S2	+16,775.9294	+117,955.7796
C	+16,882.8235	+117,974.7040
O	+17,203.5609	+117,051.8265

R	+1,000.0000
TL	218.1424
D	426.2607
M	22.9762
SL	23.5165
TL1,2 ...	107.8036
SL1,2 ...	5.7940
CL	429.5556

IA	24 36 42.21
T1	186 51 30.77
T2	211 28 12.98

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+000.0000	+17,084.1423	+118,044.6705	+1,000.0000	0.0	+1,000.0000	429.5556	186 51 30.77
EC 01-0	0+429.5556	+16,681.5048	+117,904.7376					211 28 12.98

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

***** S-80867 (FORM 5)

I.P NO. ()

IP	+15,603.6633	+117,245.0045
AP1	+15,794.7705	+117,361.9788
AP2	+15,557.0670	+117,025.8385
S1	+15,809.0972	+117,346.6701
S	+15,675.9188	+117,193.9086
S2	+15,576.2752	+117,017.4328
C	+15,742.2997	+117,146.9670
O	+16,492.3965	+116,616.5318

R	+1,000.0000
TL	429.9125
D	789.9198
M	81.3016
SL	88.4966
TL1,2 ...	205.8478
SL1,2 ...	20.9669
CL	812.0484

IA	46 31 37.00
T1	211 28 12.98
T2	257 59 49.98

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 02-0	1+263.3638	+15,970.3404	+117,469.4429	+1,000.0000	0.0	+1,000.0000	812.0484	211 28 12.98
EC 02-0	2+075.4122	+15,514.2590	+116,824.4910					257 59 49.98

BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

S-80867

(FORM 5)

I.P. NO. ()

IP	+14,429.0069	+111,720.0000
AP1	+14,456.4565	+111,849.1095
AP2	+14,527.3539	+111,631.9625
S1	+14,471.5146	+111,849.9090
S	+14,491.9052	+111,740.5360
S2	+14,539.9827	+111,640.2026
C	+14,546.3304	+111,758.3055
O	+14,895.9168	+111,872.4437

R	+ 425.0000
TL	246.2091
D	426.0837
M	57.2526
SL	66.1659
TL1,2 ...	114.2139
SL1,2 ...	15.0793
CL	446.3108

IA	60 10 07.55
T1	257 59 49.98
T2	318 09 57.53

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 03-0	7+047.7853	+14,480.2084	+111,960.8264	+ 425.0000	0.0	+ 425.0000	446.3108	257 59 49.98
EC 03-0	7+494.0961	+14,612.4524	+111,555.7847					318 09 57.53

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+14,881.9447	+111,314.5427
AP1	+14,734.8098	+111,446.2538
AP2	+14,780.9267	+111,144.8611
S1	+14,711.4928	+111,433.6291
S	+14,757.8682	+111,295.5574
S2	+14,754.9015	+111,149.9358
C	+14,662.0816	+111,280.9009
O	+14,337.7578	+111,231.2752

R	- 425.0000
TL	349.9255
D	540.2826
M	96.9014
SL	125.5206
TL1,2 ...	152.4502
SL1,2 ...	26.5153
CL	585.4970

IA	78 55 58.64
T1	318 09 57.53
T2	239 13 58.90

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 04-0	7+505.8663	+14,621.2221	+111,547.9343	- 425.0000	0.0	- 425.0000	585.4970	318 09 57.53
EC 04-0	8+091.3633	+14,702.9411	+111,013.8675					239 13 58.90

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+14,513.8289	+110,696.2126
AP1	+14,543.0440	+110,753.6842
AP2	+14,453.2186	+110,667.9274
S1	+14,544.3455	+110,756.7136
S	+14,500.6313	+110,710.8058
S2	+14,450.5750	+110,671.9108
C	+14,488.0176	+110,724.7533
O	+14,215.5618	+111,026.0206

R	- 425.0000
TL	130.8113
D	250.0465
M	18.8052
SL	19.6758
TL1,2 ...	63.9259
SL1,2 ...	4.7808
CL	253.8010

IA	34 12 56.99
T1	239 13 58.90
T2	205 01 01.90

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 05-0	8+330.2383	+14,580.7451	+110,808.6129	- 425.0000	0.0	- 425.0000	253.8010	239 13 58.90
EC 05-0	8+584.0394	+14,395.2902	+110,640.8938					205 01 01.90

I.P NO. ()

IP	+14,126.3568	+110,515.3898
AP1	+14,253.9902	+110,574.9529
AP2	+14,121.6971	+110,374.6193
S1	+14,264.8517	+110,562.3648
S	+14,187.8437	+110,474.7861
S2	+14,137.5392	+110,369.5733
C	+14,240.2455	+110,440.1818
O	+14,542.4933	+110,240.5882

R	+ 425.0000
TL	260.8841
D	444.6735
M	62.7965
SL	73.6838
TL1,2 ...	120.0365
SL1,2 ...	16.6263
CL	467.9568

IA	63 05 12.99
T1	205 01 01.90
T2	268 06 14.90

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 06-0	8+619.9319	+14,362.7650	+110,625.7151	+ 425.0000	0.0	+ 425.0000	467.9568	205 01 01.90
EC 06-0	9+087.8888	+14,117.7260	+110,254.6485					268 06 14.90

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

***** S-80867 (FORM 5)

I.P NO. ()

IP	+14,108.6002	+109,978.9546
AP1	+14,111.8479	+110,077.0699
AP2	+14,036.3430	+109,912.5011
S1	+14,103.0724	+110,079.1397
S	+14,074.0955	+109,994.7855
S2	+14,029.0506	+109,917.8034
C	+14,042.2752	+110,009.3848
O	+13,665.0893	+110,182.4393

R	- 450.0000
TL	188.7007
D	348.0399
M	35.0096
SL	37.9631
TL1,2 ...	90.5316
SL1,2 ...	9.0163
CL	357.3562

IA	45 30 00.02
T1	268 06 14.90
T2	222 36 14.88

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 07-0	9+175.0330	+14,114.8430	+110,167.5520	- 450.0000	0.0	- 450.0000	357.3562	268 06 14.90
EC 07-0	9+532.3892	+13,969.7074	+109,851.2176					222 36 14.88

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(1)

***** S-80867 (FORM 5)

I.P NO. ()

IP	+13,667.0485	+109,572.8682
AP1	+13,742.1629	+109,641.9494
AP2	+13,666.3335	+109,470.8198
S1	+13,749.9876	+109,636.3377
S	+13,704.2482	+109,556.3846
S2	+13,675.7469	+109,468.7932
C	+13,738.3633	+109,541.2679
O	+14,115.6668	+109,374.0807

R	+ 450.0000
TL	195.6396
D	358.8342
M	37.3143
SL	40.6882
TL1,2 ...	93.5888
SL1,2 ...	9.6290
CL	369.0935

IA	46 59 40.01
T1	222 36 14.88
T2	269 35 54.89

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 08-0	9+747.9439	+13,811.0487	+109,705.3024	+ 450.0000	0.0	+ 450.0000	369.0935	222 36 14.88
EC 08-0	10+117.0374	+13,665.6778	+109,377.2334					269 35 54.89

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+13,294.7086	+102,954.4803
AP1	+13,283.7231	+103,014.8220
AP2	+13,334.3932	+102,907.7156
S1	+13,287.4199	+103,016.0102
S	+13,309.0581	+102,961.2688
S2	+13,337.6565	+102,909.8201
C	+13,322.9187	+102,967.8260
O	+13,715.8350	+103,153.7073

R	+ 450.0000
TL	120.5772
D	232.9372
M	15.3334
SL	15.8743
TL1,2 ...	59.2436
SL1,2 ...	3.3830
CL	235.6195

IA	30 00 00.04
T1	280 19 04.60
T2	310 19 04.64

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 09-0	10+368.9370	+13,273.1120	+103,073.1076	+ 450.0000	C.0	+ 450.0000	235.6195	280 19 04.60
EC 09-0	10+604.5565	+13,372.7255	+102,862.5443					310 19 04.64

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+14,589.5405	+101,428.6366
AP1	+14,517.9001	+101,513.0584
AP2	+14,578.4373	+101,318.4726
S1	+14,508.8947	+101,508.1078
S	+14,548.1687	+101,415.7655
S2	+14,568.2127	+101,317.4407
C	+14,510.0960	+101,403.9208
O	+14,070.7398	+101,267.2337

R	- 500.0000
TL	212.6148
D	391.3196
M	39.8726
SL	43.3277
TL1,2 ...	101.8926
SL1,2 ...	10.2765
CL	402.0651

IA	46 04 23.75
T1	310 19 04.64
T2	264 14 40.90

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 10-0	12+272.5614	+14,451.9726	+101,590.7481	- 500.0000	0.0	- 500.0000	402.0651	310 19 04.64
EC 10-0	12+674.6264	+14,568.2194	+101,217.0936					264 14 40.90

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+14,461.8808	+100,162.0238
AP1	+14,472.2639	+100,265.0425
AP2	+14,525.3236	+100,080.1967
S1	+14,481.3891	+100,265.8618
S	+14,498.7937	+100,172.6196
S2	+14,533.4940	+100,084.3421
C	+14,533.0737	+100,182.4596
O	+14,979.3860	+100,310.5729

R	+ 500.0000
TL	199.6959
D	370.9036
M	35.6643
SL	38.4036
TL1,2 ...	96.1552
SL1,2 ...	9.1619
CL	379.9819

IA	43 32 33.77
T1	264 14 40.90
T2	307 47 14.67

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 11-0	13+535.3457	+14,481.9063	+100,360.7130	+ 500.0000	0.0	+ 500.0000	379.9819	264 14 40.90
EC 11-0	13+915.3275	+14,584.2411	+100,004.2062					307 47 14.67

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+16,190.8272	+97,932.0678
AP1	+16,150.1456	+97,984.5380
AP2	+16,216.4747	+97,870.8279
S1	+16,148.3522	+97,983.3273
S	+16,183.3101	+97,927.6830
S2	+16,214.5380	+97,869.8628
C	+16,175.8579	+97,923.3360
O	+15,319.5253	+97,423.8221

R	-1,000.0000
TL	132.2144
D	262.1476
M	8.6274
SL	8.7025
TL1,2 ...	65.8208
SL1,2 ...	2.1638
CL	262.9041

IA	15 03 47.85
T1	307 47 14.67
T2	292 43 26.82

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 12-0	16+405.1117	+16,109.8150	+98,036.5555	-1,000.0000	0.0	-1,000.0000	262.9041	307 47 14.67		
EC 12-0	16+668.0157	+16,241.9009	+97,810.1164				292 43 26.82			

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867

(FORM 5)

I.P NO. ()

IP	+17,716.0748	+94,290.1525
AP1	+17,652.8746	+94,441.0591
AP2	+17,595.8735	+94,179.1628
S1	+17,632.3318	+94,439.1814
S	+17,624.3740	+94,310.1109
S2	+17,577.9693	+94,189.4084
C	+17,549.2598	+94,326.4594
O	+17,209.0962	+94,400.4951

R	- 425.0000
TL	297.6203
D	487.5752
M	76.8727
SL	93.8476
TL1,2 ...	134.0138
SL1,2 ...	20.6284
CL	519.2785

IA	70 00 20.89
T1	292 43 26.82
T2	222 43 05.93

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 13-0	20+186.5392	+17,601.1058	+94,564.6702	- 425.0000	0.0	- 425.0000	519.2785	292 43 26.82
EC 13-0	20+705.8677	+17,497.4138	+94,088.2485					222 43 05.93

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867 (FORM 5)

I.P. NO. ()

IP	+16,460.4938	+93,130.7924
AP1	+16,577.7852	+93,239.0953
AP2	+16,512.2678	+92,979.7750
S1	+16,594.5055	+93,229.1555
S	+16,545.0265	+93,109.4351
S2	+16,531.7028	+92,980.5801
C	+16,615.8390	+93,091.5443
O	+16,981.3171	+92,999.2059

R	+ 450.0000
TL	293.3802
D	491.5257
M	73.0377
SL	87.1889
TL1,2 ...	133.7344
SL1,2 ...	19.4517
CL	519.9741

IA	66 12 18.59
T1	222 43 05.93
T2	288 55 24.52

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 14-0	21+823.8434	+16,676.0396	+93,329.8199	+ 450.0000	0.0	+ 450.0000	519.9741	222 43 05.93
EC 14-0	22+343.8175	+16,555.6385	+92,853.2686					288 55 24.52

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80367-2 (FORM 5)

I.P NO. ()

IP	+16,720.5882	+92,372.1334
AP1	+16,690.5673	+92,459.7002
AP2	+16,683.0024	+92,235.4883
S1	+16,683.1285	+92,458.5167
S	+16,689.2849	+92,372.5943
S2	+16,680.6017	+92,286.8903
C	+16,659.8261	+92,373.0280
O	+16,189.3390	+92,379.9547

R	- 500.0000
TL	179.6854
D	338.1952
M	29.4620
SL	31.3067
TL1,2 ...	37.1154
SL1,2 ...	7.5324
CL	344.9984

IA	39 32 02.07
T1	288 55 24.52
T2	249 23 22.45

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 15-0	22+672.7573	+16,662.3153	+92,542.1072	- 500.0000	0.0	- 500.0000	344.9984	288 55 24.52
EC 15-0	23+017.7557	+16,657.3368	+92,203.9487					249 23 22.45

***** SOLIVIA SAN CORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+11,999.7103	+79,744.7738
AP1	+12,021.1445	+79,802.3037
AP2	+11,954.3340	+79,703.4203
S1	+12,017.9902	+79,803.9276
S	+11,987.7393	+79,752.8620
S2	+11,951.6504	+79,705.7409
C	+11,976.1044	+79,760.7231
O	+11,573.4397	+30,032.7832

R	- 500.0000
TL	121.0621
D	235.3246
M	14.0416
SL	14.4473
TL1,2 ...	59.6690
SL1,2 ...	3.5478
CL	237.5525

IA	27.13	17.45
T1	249.33	57.08
T2	222.20	39.62

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 16-0	36+198.0059	+12,041.9763	+79,858.2180	- 500.0000	0.0	- 500.0000	237.5525	249 33 57.08
EC 16-0	36+435.5584	+11,910.2321	+79,663.2282					222 20 39.62

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80357-2 (FORM 5)

I.P NO. ()

IP	+11,352.5094	+79,154.9501
AP1	+11,397.7272	+79,196.1592
AP2	+11,331.0609	+79,097.6544
S1	+11,400.3923	+79,193.8528
S	+11,364.3941	+79,146.9068
S2	+11,334.1926	+79,096.0375
C	+11,375.9471	+79,139.0878
O	+11,773.4758	+78,866.6635

R	+ 500.0000
TL	120.6506
D	234.5688
A	13.9502
SL	14.3506
TL1,2 ...	59.4718
SL1,2 ...	3.5245
CL	236.7750

IA	27 07 56.68
T1	222 20 39.62
T2	249 28 36.31

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 17-0	37+069.4946	+11,441.6835	+79,236.2185	+ 500.0000	0.0	+ 500.0000	236.7750	222 20 39.62
EC 17-0	37+306.2695	+11,310.2103	+79,041.9572					249 28 36.31

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+10,973.5446	+73,142.6151
AP1	+10,994.9149	+73,199.7013
AP2	+10,980.4622	+73,082.0533
S1	+10,998.3146	+73,193.8691
S	+10,987.6835	+73,140.9776
S2	+10,983.9625	+73,032.0384
C	+11,001.4406	+73,139.1382
O	+11,483.9579	+73,072.9130

R	+ 500.0000
YL	120.2221
O	233.7812
M	13.3554
SL	14.2503
TL1,2 ...	59.2665
SL1,2 ...	3.5003
CL	235.9649

IA	27 02 22.50
T1	249 28 36.31
T2	276 30 58.80

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 18-0	38+146.3393	+11,015.5929	+73,255.2067	+ 500.0000	0.0	+ 500.0000	235.9649	249 28 36.31
EC 18-0	32+382.5041	+10,937.1322	+73,023.1697					276 30 58.80

I.P NO. ()

IP	+11,421.2180	+74,223.3702
AP1	+11,407.3101	+74,345.1296
AP2	+11,377.9866	+74,108.6975
S1	+11,400.2402	+74,345.1638
S	+11,392.6484	+74,226.9135
S2	+11,371.1226	+74,110.3915
C	+11,364.3782	+74,230.3577
O	+10,400.2518	+74,349.9954

R	-1,000.0000
TL	241.6730
D	469.8205
N	27.9829
SL	28.7385
TL1,2 ...	119.1218
SL1,2 ...	7.0700
CL	474.2525

IA	27 10 21.59
T1	276 30 58.80
T2	249 20 37.21

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 19-0	41+965.1388	+11,393.7914	+74,463.4818	-1,000.0000	0.0	-1,000.0000	474.2525	276 30 58.80
EC 19-0	42+439.3912	+11,335.9650	+73,997.2336					249 20 37.21

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80367-2 (FORM 5)

I.P. NO. ()

IP	+9,385.1529	+68,825.3032
AP1	+9,429.2965	+68,939.7272
AP2	+9,446.0715	+68,713.7002
S1	+9,441.3109	+68,938.0050
S	+9,437.6840	+68,829.2137
S2	+9,457.6874	+68,722.2158
C	+9,484.3829	+63,832.7580
O	+9,936.2501	+63,867.0527

R	+ 500.0000
TL	233.1167
D	422.5630
M	46.8332
SL	51.6733
TL1,2 ...	110.8313
SL1,2 ...	12.1363
CL	436.2713

IA	49 59 34.24
T1	249 20 37.21
T2	299 20 12.05

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 20-0	47+733.5350	+9,469.3936	+69,043.4336	+ 500.0000	0.0	+ 500.0000	436.2713	249 20 37.21
EC 20-0	43+169.8063	+9,500.3723	+68,622.0824					299 20 12.05

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-30867-2 (FORM 5)

I.P NO. ()

IP	+10,154.4241	+67,453.3221
AP1	+10,069.3276	+67,609.7331
AP2	+10,130.1424	+67,286.3403
S1	+10,056.6929	+67,605.1381
S	+10,099.7350	+67,448.0377
S2	+10,116.7009	+67,286.0337
C	+10,047.9237	+67,433.2955
O	+ 9,116.9610	+67,263.2259

R	-1,000.0000
TL	338.2191
D	640.7802
M	52.7143
SL	55.6477
TL1,2 ...	164.5316
SL1,2 ...	13.4449
CL	652.2825

IA	37 22 22.93
T1	299 20 12.05
T2	261 57 49.12

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 21-0	49+166.5486	+ 9,988.7168	+67,753.1665	-1,000.0000	0.0	-1,000.0000	652.2825	299 20 12.05
EC 21-0	49+812.8311	+10,107.1406	+67,123.4245					261 57 49.12

I.P NO. ()

IP	+ 9,926.0934	+65,341.1109
AP1	+ 9,967.3623	+66,133.4035
AP2	+ 9,556.4954	+65,720.8696
S1	+ 9,937.0492	+66,145.9758
S	+ 9,811.9289	+65,927.1391
S2	+ 9,636.0593	+65,746.5442
C	+ 9,712.0429	+66,002.4077
O	+ 9,913.2901	+66,523.9498

R	-1,000.0000
TL	553.4729
D	968.4997
M	125.0702
SL	142.9439
TL1,2 ...	258.2763
SL1,2 ...	32.3149
CL	1011.0112

IA	57 55 36.03
T1	261 57 49.12
T2	204 02 13.10

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 22-0	50+560.3396	+10,003.4697	+66,389.1484	-1,000.0000	C.0	-1,000.0000	1011.0112	261 57 49.12
EC 22-0	51+571.4008	+ 9,420.6162	+65,615.6670					204 02 13.10

I.P NO. ()

IP	+8,395.2223	+65,158.3392
AP1	+3,477.4620	+65,195.0183
AP2	+8,330.7750	+65,095.4482
S1	+8,479.3692	+65,191.5921
S	+8,404.1185	+65,145.2332
S2	+8,333.2552	+65,092.4109
C	+8,412.8760	+65,132.3317
O	+8,965.7454	+64,317.8426

R	+1,000.0000
TL	173.6928
D	351.8129
M	15.5931
SL	15.8401
TL1,2 ...	83.6443
SL1,2 ...	3.9212
CL	353.6530

IA	20 15 46.16
T1	204 02 13.10
T2	224 17 59.26

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 23-0	52+515.4641	+8,558.4194	+65,231.1254	+1,000.0000	0.0	+1,000.0000	353.6530	204 02 13.10
EC 23-0	52+869.1171	+8,267.3327	+65,033.5379					224 17 59.26

***** SOLIVIA SAN BORJA ~ TRINIDAD CENTER(2)

***** S-20857-2 (FORM 5)

I.P NO. ()

IP	+7,767.8094	+64,546.0770
AP1	+7,848.1546	+64,624.4820
AP2	+7,728.1601	+64,441.0502
S1	+7,352.7735	+64,620.6777
S	+7,788.1573	+64,532.7661
S2	+7,733.4983	+64,438.3377
C	+7,803.0223	+64,519.7712
O	+8,325.0052	+63,985.3306

R	+1,000.0000
TL	221.8585
D	433.1842
M	23.7378
SL	24.3150
TL1,2 ...	109.5968
SL1,2 ...	5.9873
CL	436.6447

IA	25 01 04.43
T1	224 17 59.26
T2	249 19 03.69

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 24-0	53+345.2139	+7,926.5925	+64,701.0258	+1,000.0000	C.0	+1,000.0000	436.6447	224 17 59.26
EC 24-0	53+781.3585	+7,689.4521	+64,333.5166					249 19 03.69

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80367-2 (FORM 5)

I.P. NO. ()

IP	+6,997.5720	+62,506.0628
AP1	+7,840.9045	+62,520.3163
AP2	+7,011.2893	+62,334.7002
S1	+7,047.5221	+62,613.6277
S	+7,026.0464	+62,502.5083
S2	+7,013.3118	+62,384.6549
C	+7,053.6320	+62,499.0526
O	+8,018.2910	+62,372.2075

R	+1,000.0000
TL	240.3529
O	468.3138
X	27.3012
SL	23.5962
TL1,2 ...	113.7293
SL1,2 ...	7.0236
CL	472.7025

IA	27 05 01.89
T1	249 19 03.69
T2	276 24 05.58

NAME	S T A.	X	Y	R1	A	R2	L	T
6C 25-0	55+499.6905	+7,082.7379	+62,731.3935	+1,000.0000	0.0	+1,000.0000	472.7025	249 19 03.69
EC 25-0	55+972.3930	+7,024.5261	+62,266.7117					276 24 05.58

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80367-2 (FORM 5)

I.P NO. ()

IP	+7,126.9987	+61,353.3707
AP1	+7,119.6154	+61,419.1783
AP2	+7,151.1893	+61,291.7269
S1	+7,121.7344	+61,419.5579
S	+7,135.4024	+61,355.4526
S2	+7,153.2405	+61,292.3803
C	+7,143.7339	+61,357.5166
G	+3,106.0604	+61,595.9168

R	+1,000.0000
TL	131.8725
D	261.4812
M	8.5834
SL	8.6577
TL1,2 ...	65.6520
SL1,2 ...	2.1528
CL	262.2319

IA	15 01 29.20
T1	276 24 05.58
T2	291 25 34.73

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 26-0	56+759.5920	+7,112.2955	+61,484.4210	+1,000.0000	0.0	+1,000.0000	262.2319	276 24 05.58
EC 26-0	57+021.3239	+7,175.1723	+61,230.6122					291 25 34.78

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30867-2 (FORM 5)

I.P NO. ()

IP	+7,380.3241	+60,707.3338
AP1	+7,321.2592	+60,853.3460
AP2	+7,275.2076	+60,584.9793
S1	+7,302.5033	+60,855.3972
S	+7,298.2334	+60,721.6629
S2	+7,258.1253	+60,592.9660
C	+7,227.8595	+60,733.5132
O	+6,305.1807	+60,304.7232

R	- 500.0000
TL	300.2958
D	514.3686
M	71.3654
SL	83.2474
TL1,2 ...	133.6090
SL1,2 ...	18.8569
CL	540.3543

IA	61 58 38.42
T1	291 25 34.78
T2	229 26 56.36

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 27-0	57+283.1191	+7,270.6247	+60,987.3755	- 500.0000	C.O	- 500.0000	540.8543	291 25 34.78
EC 27-0	57+823.9735	+7,185.0944	+60,479.6608					229 26 56.36

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80367-2 (FORM 5)

I.P NO. ()

IP	+6,453.2337	+59,524.3053
AP1	+6,507.6368	+59,537.3384
AP2	+6,446.8263	+59,540.8700
S1	+6,512.9980	+59,684.6016
S	+6,477.2316	+59,614.3792
S2	+6,452.9429	+59,539.4093
C	+6,500.0445	+59,604.9432
O	+6,939.2675	+59,423.2698

R	+ 500.0000
TL	163.2303
D	310.3416
M	24.6374
SL	25.9697
TL1,2 ...	79.5493
SL1,2 ...	6.2885
CL	315.5524

IA	36 09 34.69
T1	229 26 56.36
T2	265 36 31.05

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 28-0	58+786.4666	+6,559.3537	+59,748.3321	+ 500.0000	C.O	+ 500.0000	315.5524	229 26 56.36
EC 28-0	59+102.0189	+6,440.7353	+59,461.5542					265 36 31.05

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+6,390.7394	+58,311.1690
AP1	+6,396.5143	+53,385.7176
AP2	+6,345.7339	+53,751.5010
S1	+6,391.5149	+53,386.8313
S	+6,371.1241	+58,818.6093
S2	+6,341.2494	+53,753.9755
C	+6,352.2524	+53,825.7494
O	+5,903.4761	+52,995.5424

R	- 500.0000
TL	146.5191
D	281.2127
SL	20.1773
SL	21.0253
TL1,2 ...	71.7509
SL1,2 ...	5.1220
CL	235.0576

IA	32 39 54.68
T1	265 36 31.95
T2	232 56 36.37

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 29-0	59+607.3001	+6,402.0082	+58,957.2579	- 500.0000	G.0	- 500.0000	285.0576	265 36 31.05
EC 29-0	59+892.3576	+6,302.4966	+58,694.2403					232 56 36.37

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+5,564.2419	+57,716.5535
AP1	+5,621.6407	+57,792.5630
AP2	+5,477.8089	+57,676.5265
S1	+5,617.5670	+57,796.5129
S	+5,549.7248	+57,734.5473
S2	+5,474.8146	+57,681.3423
C	+5,535.6413	+57,752.0029
O	+5,078.7922	+58,318.2617

R	- 750.0000
TL	137.8543
D	364.0852
X	22.4224
SL	23.1197
TL1,2 ...	92.4029
SL1,2 ...	5.6708
CL	367.7584

IA	28 05 40.32
T1	232 56 36.37
T2	204 50 55.54

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 30-0	60+930.3125	+5,677.3230	+57,856.3093	- 750.0000	0.0	- 750.0000	367.7584	232 56 36.37
EC 30-0	61+298.0709	+5,393.9606	+57,637.6966					204 50 55.54

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30867-2 (FORM 5)

I.P NO. ()

IP	+4,477.6305	+57,213.3459
AP1	+4,543.7147	+57,246.2648
AP2	+4,399.9022	+57,203.6030
S1	+4,547.6709	+57,249.0680
S	+4,474.3084	+57,224.9339
S2	+4,399.3022	+57,206.5334
C	+4,471.0259	+57,236.3839
O	+4,193.7276	+58,186.2118

R	-1,000.0000
TL	155.7400
D	307.7699
M	11.9112
SL	12.0542
TL1,2 ...	77.4035
SL1,2 ...	2.9912
CL	303.7977

IA	17 42 15.35
T1	204 50 55.54
T2	187 08 40.19

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 31-0	62+152.1499	+4,618.9521	+57,278.7917	-1,000.0000	0.0	-1,000.0000	308.9977	204 50 55.54
EC 31-0	62+461.1476	+4,323.0997	+57,193.9762					187 08 40.19

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P. NO. ()

IP	+3,249.8968	+57,059.4552
AP1	+3,635.3578	+57,107.7709
AP2	+3,584.4715	+56,695.0321
S1	+3,665.3994	+57,061.3738
S	+3,509.9147	+56,901.4015
S2	+3,439.4855	+56,689.7225
C	+3,671.5597	+56,803.1444
O	+3,937.1730	+56,641.6895

R	+ 500.0000
TL	829.9815
D	783.2800
M	189.1655
SL	304.2865
TL1,2 ...	241.5043
SL1,2 ...	55.2696
CL	899.9246

IA	103 07 25.54
T1	187 08 40.19
T2	290 16 05.73

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 32-0	62+912.7669	+3,874.9869	+57,137.8073	+ 500.0000	C.0	+ 500.0000	899.9246	187 08 40.19
EC 32-0	63+812.6715	+3,468.1325	+56,468.4815					290 16 05.73

BOLIVIA SAN BORJA - TRINIDAD CENTER(E)

S-80367-2 (FORM 5)

I.P NO. ()

IP	+3,801.3643	+55,564.7439
AP1	+3,739.5144	+55,733.3193
AP2	+3,671.4393	+55,441.1346
S1	+3,717.6370	+55,731.9492
S	+3,705.5271	+55,587.2270
S2	+3,652.3382	+55,452.0896
C	+3,625.1020	+55,605.9923
O	+3,218.6053	+55,700.8338

R	- 500.0000
TL	329.7134
D	550.5088
M	82.3353
SL	95.9248
TL1,2 ...	150.0164
SL1,2 ...	22.0200
CL	582.9736

IA	66 45 13.83
T1	290 16 05.73
T2	223 27 51.85

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 33-0	64+446.3625	+3,687.6463	+55,874.9463	- 500.0000	C.O	- 500.0000	582.9736	290 16 05.73
EC 33-0	65+029.3361	+3,562.5577	+55,337.9378					223 27 51.85

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P. NO. ()

1P	+2,201.6161	+54,048.0585
AP1	+2,459.3521	+54,292.5357
AP2	+2,272.5774	+53,599.8408
S1	+2,493.1194	+54,271.5520
S	+2,366.1198	+53,996.1883
S2	+2,312.2016	+53,697.7809
C	+2,509.9494	+53,950.8368
O	+3,510.5753	+53,635.3260

R	+1,200.0000
TL	666.7243
D	1164.3139
M	150.3102
SL	172.4876
TL1,2	310.7303
SL1,2	39.5779
CL	1215.2031

IA	58 04 10.73
T1	223 27 51.85
T2	281 32 02.63

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 34-0	66+238.2921	+2,685.0907	+54,506.2383	+1,200.0000	G.0	+1,200.0000	1216.2081	223 27 51.85
EC 34-0	67+454.5063	+2,334.8081	+53,395.3354					281 32 02.63

SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+2,451.2149	+52,824.9636
AP1	+2,432.8240	+52,915.0835
AP2	+2,408.3486	+52,743.5860
S1	+2,425.3801	+52,914.8618
S	+2,420.5363	+52,829.3348
S2	+2,401.2640	+52,745.8812
C	+2,391.7425	+52,833.4512
O	+1,925.6013	+52,899.9768

R	- 500.0000
TL	178.5950
D	336.3757
M	29.1361
SL	30.9389
TL1,2 ...	85.6176
SL1,2 ...	7.4472
CL	343.0657

IA	39 13 44.75
T1	281 32 02.63
T2	242 13 17.88

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 35-0	67+858.0896	+2,415.5048	+52,999.9520	- 500.0000	0.0	- 500.0000	343.0657	281 32 02.63
EC 35-0	68+201.1553	+2,367.9803	+52,666.9505					242 13 17.88

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-90867-2 (FORM 5)

I.P NO. ()

IP	+1,858.1702	+51,699.1241
AP1	+1,924.2025	+51,824.4802
AP2	+1,720.4793	+51,665.7228
S1	+1,913.6655	+51,833.2983
S	+1,822.3409	+51,745.1015
S2	+1,714.5031	+51,678.0950
C	+1,789.6842	+51,787.0078
O	+1,453.5337	+52,213.3681

R	- 600.0000
TL	270.9228
D	493.6846
M	53.1281
SL	53.2895
TL1,2 ...	129.1386
SL1,2 ...	13.7400
CL	508.7925

IA	48 35 09.99
T1	242 13 17.88
T2	193 38 07.88

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 36-0	69+024.2219	+1,924.3879	+51,938.7365	- 600.0000	C.O	- 600.0000	508.7925	242 13 17.88
EC 36-0	69+533.0145	+1,594.9805	+51,635.2791					193 38 07.88

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-40367-2 (FORM 5)

I.P. NO. ()

IP	+1,272.2525	+51,556.9211
AP1	+1,422.4577	+51,593.4282
AP2	+1,174.2217	+51,437.4954
S1	+1,427.0690	+51,582.5041
S	+1,298.3397	+51,515.4618
S2	+1,182.0609	+51,428.5990
C	+1,323.0788	+51,476.0735
O	+1,777.0711	+50,753.3438

R	+ 900.0000
TL	501.1359
D	571.1436
X	46.5038
SL	49.0431
TL1,2 ...	146.5744
SL1,2 ...	11.8575
CL	531.1949

IA	37 00 30.06
T1	193 38 07.83
T2	230 33 07.94

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 37-0	69+563.9664	+1,564.9009	+51,627.9823	+ 900.0000	C.O	+ 900.0000	581.1949	193 38 07.88
EC 37-0	70+145.1613	+1,031.2567	+51,324.1747					230 38 07.94

I.P NO. ()

IP	+ 302.7402	+50,375.1937
AP1	+ 344.2435	+50,425.7846
AP2	+ 241.9594	+50,350.9521
S1	+ 341.4948	+50,428.6899
S	+ 293.1014	+50,388.3683
S2	+ 240.0225	+50,354.4513
C	+ 283.7674	+50,401.1255
O	- 2.1290	+50,791.9015

R	- 500.0000
TL	128.8045
D	249.4644
M	15.8030
SL	15.3241
TL1,2	63.3678
SL1,2 ...	3.9995
CL	252.1271

IA	23 53 29.90
I1	230 38 07.94
I2	201 44 38.04

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 38-0	71+243.8148	+ 384.4346	+50,474.7759	- 500.0000	0.0	- 500.0000	252.1271	230 38 07.94
EC 38-0	71+495.9419	+ 133.1003	+50,327.4770					201 44 38.04

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80367-2 (FORM 5)

I.P NO. ()

IP - 210.3459 +50,170.3570
 AP1 - 75.3640 +50,224.1926
 AP2 - 233.5940 +50,027.7091
 S1 - 66.4379 +50,211.2453
 S - 157.2290 +50,125.9509
 S2 - 224.1173 +50,020.8598
 C - 110.1651 +50,086.9720
 O + 227.3498 +49,307.0241

R + 500.0000
 TL 272.3923
 D 479.0618
 M 61.1094
 SL 69.6131
 TL1,2 ... 127.5606
 SL1,2 ... 16.0152
 CL 499.5356

IA 57 14 53.85
 T1 201 44 38.04
 T2 258 59 31.89

NAME	S T A.	X	Y	R1	A	92	L	T
BC 39-0	71+647.1326	+ 42.6205	+50,271.4486	+ 500.0000	C.0	+ 500.0000	499.5856	201 44 38.04
EC 39-0	72+146.7632	- 262.9503	+49,902.4954					258 59 31.89

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** 3-80367-2 (FORM 5)

I.P NO. ()

IP	- 482.0601	+43,776.0953
AP1	- 469.4472	+43,340.9356
AP2	- 461.4969	+48,713.3218
S1	- 465.3853	+43,840.6714
S	- 465.4721	+43,777.1287
S2	- 457.4991	+48,714.0882
C	- 449.4177	+43,773.1239
O	+ 33.5604	+43,303.2136

R	+ 500.0000
TL	129.9363
D	251.6090
N	16.0355
SL	16.6202
TL1,2 ...	63.9306
SL1,2 ...	4.0706
CL	254.3424

IA	29 08 43.75
T1	253 59 31.89
T2	253 03 15.67

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 40-0	73+164.2949	- 457.2402	+48,903.6900	+ 500.0000	0.0	+ 500.0000	254.3424	258 59 31.89
EC 40-0	73+413.6373	- 441.5952	+48,652.5579					288 08 15.67

I.P NO. ()

IP - 274.0643 +48,141.1459
 AP1 - 329.5545 +48,310.5409
 AP2 - 407.1393 +48,022.5506
 S1 - 351.3124 +48,309.9597
 S - 368.3469 +48,166.5457
 S2 - 425.8608 +48,033.9830
 C - 447.2254 +48,187.7957
 O - 351.1341 +48,296.6091

R - 500.0000
 TL 327.3811
 D 547.7861
 M 81.6908
 SL 97.6440
 TL1,2 ... 149.1290
 SL1,2 ... 21.7657
 CL 579.7157

IA 66 25 49.91
 T1 288 08 15.67
 T2 221 42 25.76

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 41-0	73+629.4188	- 375.9786	+48,452.2593	- 500.0000	0.0	- 500.0000	579.7157	288 08 15.67
EC 41-0	74+209.1346	- 513.4723	+47,923.3315					221 42 25.76

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P. NO. ()

IP	-1,094.2370	+47,410.2149
AP1	- 848.9755	+47,628.7901
AP2	- 389.7575	+47,153.0835
S1	- 808.0686	+47,608.3037
S	- 869.3664	+47,390.9368
S2	- 345.9617	+47,166.3033
C	- 705.9619	+47,376.9231
O	- 271.5592	+47,339.8369

R	+ 600.0000
TL	567.2503
D	824.3965
M	164.0039
SL	225.6954
TL1,2 ...	238.7257
SL1,2 ...	45.7476
CL	903.3131

IA	36 47 08.64
T1	221 42 25.76
T2	308 29 34.40

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 42-0	74+413.1129	-	670.7534	+47,787.5199	+ 600.0000	0.0	+ 600.0000	908.8181 221 42 25.76
EC 42-0	75+321.9310	-	741.1705	+46,966.2364				308 29 34.40

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-60367-2 (FORM 5)

I.P NO. ()

IP - 138.5307 +46,208.4213
 AP1 - 192.5196 +46,276.3119
 AP2 - 136.7759 +46,121.6984
 S1 - 198.3776 +46,273.0434
 S - 164.6477 +46,199.0052
 S2 - 143.3719 +46,120.4768
 C - 189.3909 +46,190.0844
 O - 535.0111 +46,029.4224

R - 500.0000
 TL 163.9183
 D 320.0649
 M 26.3022
 SL 27.7626
 TL1,2 ... 22.1777
 SL1,2 ... 6.7082
 CL 325.7939

IA 37 20 01.31
 T1 308 29 34.40
 T2 271 09 33.09

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 43-0	76+121.2370	- 243.6624	+46,340.6312	- 500.0000	0.0	- 500.0000	325.7980	308 29 34.40
EC 43-0	76+447.0350	- 135.1134	+46,039.5376					271 09 33.09

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80367-2 (FORM 5)

I.P NO. ()

IP	-	97.6899	+44,190.0456
AP1	-	99.0626	+44,257.3870
AP2	-	73.3642	+44,125.0005
S1	-	96.8129	+44,258.0841
S	-	83.7134	+44,191.4438
S2	-	76.1611	+44,125.4970
C	-	79.8173	+44,192.8294
O	+	399.3723	+44,345.3481

R	+1,000.0000
TL	135.0998
D	267.7670
M	9.0029
SL	9.0847
TL1,2 ...	67.2444
SL1,2 ...	2.2584
CL	268.5734

IA	15 23 17.25
T1	271 09 33.09
T2	286 32 50.34

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 44-J	78+161.8058	- 100.4230	+44,325.1177	+1,000.0000	0.0	+1,000.0000	268.5734	271 09 33.09
EC 44-O	78+430.3792	- 59.2125	+44,060.5410					286 32 50.34

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80367-2 (FORM 5)

I.P. NO. ()

IP	+1,093.0000	+40,182.5000
AP1	+1,050.3568	+40,324.3428
AP2	+ 994.9712	+40,071.6538
S1	+1,034.3954	+40,323.7570
S	+1,022.9140	+40,198.0008
S2	+ 980.2922	+40,079.1318
C	+ 961.6264	+40,211.5556
O	+ 534.7117	+40,305.9755

R	- 500.0000
TL	277.3662
D	485.0927
M	62.7636
SL	71.7797
TL1,2 ...	129.3951
SL1,2 ...	16.4713
CL	506.4692

IA	58 02 13.54
T1	286 32 50.34
T2	228 30 36.80

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 45-0	82+198.6027	+1,014.0042	+40,448.3790	- 500.0000	0.0	- 500.0000	506.4692	286 32 50.34
EC 45-0	82+705.0719	+ 909.2487	+39,974.7322					228 30 36.80

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80367-2 (FORM 5)

I.P NO. ()

IP	+ 194.0000	+39,166.0000
AP1	+ 254.2721	+39,234.1565
AP2	+ 199.2326	+39,075.1628
S1	+ 261.3934	+39,229.9970
S	+ 226.7553	+39,154.6597
S2	+ 207.4005	+39,074.0295
C	+ 257.0406	+39,144.1746
O	+ 623.3672	+39,015.6167

R	+ 425.0000
TL	175.1141
D	323.3173
M	32.0490
SL	34.5629
TL1,2 ...	34.1264
SL1,2 ...	3.2462
CL	332.2112

IA	44 47 11.73
T1	223 30 36.80
T2	273 17 48.50

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 46-0	83+609.6006	+ 310.0107	+39,297.1734	+ 425.0000	C.O	+ 425.0000	332.2112	228 30 36.80
EC 46-0	83+941.8117	+ 204.0705	+38,991.1757					273 17 48.50

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30867-2 (FORM 5)

I.P NO. ()

IP	+ 219.0000	+38,732.0000
AP1	+ 213.8536	+38,321.2544
AP2	+ 160.5474	+38,664.3533
S1	+ 205.9303	+38,822.3313
S	+ 187.2030	+38,742.3038
S2	+ 153.6042	+38,668.3294
C	+ 157.7346	+38,752.8165
O	- 215.2029	+38,879.5316

R	- 425.0000
TL	172.2577
D	319.2863
M	31.1230
SL	33.5823
TL1,2 ...	82.8554
SL1,2 ...	8.0012
CL	327.3159

IA	44 07 35.87
T1	273 17 48.50
T2	229 10 12.63

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 47-0	84+029.1593	+ 209.0937	+38,903.9726	- 425.0000	0.0	- 425.0000	327.3159	273 17 48.50
EC 47-0	84+356.4752	+ 106.3754	+38,601.6604					229 10 12.63

***** BOLIVIA SAV BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	- 305.5000	+33,125.0000
AP1	- 261.2877	+38,176.1665
AP2	- 312.3901	+38,057.7830
S1	- 257.1603	+38,173.5683
S	- 287.0889	+38,116.9748
S2	- 308.1772	+38,056.5278
C	- 269.5036	+38,109.3117
O	+ 102.5078	+37,947.1530

R	+ 425.0000
TL	132.1927
D	252.4551
X	19.1779
SL	20.0842
TL1,2	64.5706
SL1,2	4.8772
CL	256.3223

IA	34 33 20.63
T1	229 10 12.63
T2	263 43 33.26

NAME	S T A.	X	Y	R1	A	P2	L	T
BC 43-0	84+854.2401	- 219.0705	+38,225.0242	+ 425.0000	C.O	+ 425.0000	256.3223	229 10 12.63
EC 43-0	85+110.5624	- 319.9467	+37,993.5991					263 43 33.26

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	- 373.5000	+37,506.5000
AP1	- 367.3192	+37,562.7184
AP2	- 406.4368	+37,460.5231
S1	- 370.7280	+37,563.5437
S	- 386.8780	+37,511.6207
S2	- 409.5255	+37,462.1849
C	- 399.8198	+37,516.5745
O	- 783.7943	+37,663.5493

R	- 425.0000
TL	111.2702
D	215.2843
M	13.8575
SL	14.3245
TL1,2	54.7131
SL1,2	3.5073
CL	217.6551

IA	29 20 34.31
T1	263 43 33.26
T2	234 22 58.95

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 49-0	35+489.3263	- 361.3398	+37,617.1037	- 425.0000	0.0	- 425.0000	217.6551	263 43 33.26
EC 49-0	35+706.9814	- 438.2997	+37,416.0453					234 22 58.95

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. (

)

IP	-3,349.6441	+33,352.0643
AP1	-3,222.4211	+33,529.6564
AP2	-3,208.1175	+33,185.6466
S1	-3,194.8173	+33,521.4179
S	-3,215.2693	+33,357.6515
S2	-3,181.2928	+33,196.1482
C	-3,109.3774	+33,362.0544
O	-2,715.7039	+33,373.4231

R	+ 500.0000
TL	390.6133
D	615.6326
M	105.9833
SL	134.4909
TL1,2 ...	172.1535
SL1,2 ...	23.8070
CL	563.1834

IA	75 59 44.87
T1	234 22 58.95
T2	310 22 43.82

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 50-0	90+315.5548	-3,122.1651	+33,669.6049	+ 500.0000	C.O	+ 500.0000	663.1884	234 22 58.95
EC 50-0	90+978.7433	-3,096.5897	+33,054.5038					310 22 43.82

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-30867-2 (FORM 5)

I.P NO. ()

IP	-1,375.3254	+31,030.5110
AP1	-1,410.4584	+31,071.8230
AP2	-1,326.3393	+31,007.2435
S1	-1,408.5260	+31,073.8546
S	-1,368.3989	+31,039.5333
S2	-1,324.8760	+31,009.6351
C	-1,361.6264	+31,048.3549
O	-1,063.9211	+31,436.1355

R	+ 500.0000
TL	107.2560
D	209.7405
M	11.1215
SL	11.3745
TL1,2	53.0249
SL1,2	2.8038
CL	211.3096

IA	24 12 51.47
T1	310 22 43.82
T2	334 35 35.29

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 51-0	93+528.4212	-1,444.3100	+31,112.2162	+ 500.0000	0.0	+ 500.0000	211.3096	310 22 43.82
EC 51-0	93+739.7308	-1,278.4428	+30,984.4935					334 35 35.29

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+ 483.8559	+30,147.4332
AP1	+ 380.2497	+30,196.6449
AP2	+ 517.6732	+30,037.3344
S1	+ 373.6446	+30,137.9642
S	+ 448.9639	+30,117.2396
S2	+ 508.1390	+30,032.5444
C	+ 417.0199	+30,089.5965
O	+ 70.5753	+29,790.0562

R	- 500.0000
TL	219.7082
O	402.2910
M	42.2441
SL	46.1426
TL1,2 ...	105.0087
SL1,2 ...	10.9079
CL	414.0179

IA	47 26 34.64
T1	334 35 35.29
T2	287 09 00.64

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 52-0	95+471.0136	+ 285.3970	+30,241.6982	- 500.0000	C.0	- 500.0000	414.0179	334 35 35.29
EC 52-0	95+885.0315	+ 548.6429	+29,937.4949					287 09 00.64

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+1,492.3042	+26,879.6072
AP1	+1,472.3655	+26,943.2454
AP2	+1,527.8518	+26,823.2379
S1	+1,474.6990	+26,944.0230
S	+1,500.2586	+26,883.2666
S2	+1,529.7653	+26,824.3261
C	+1,508.1440	+26,886.8943
O	+2,408.7324	+27,301.2084

R	+1,000.0000
TL	132.6209
D	262.9396
M	8.6798
SL	8.7558
TL1,2 ...	66.0214
SL1,2 ...	2.1770
CL	263.7030

IA	15 06 32.65
T1	287 09 00.64
T2	302 15 33.29

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 53-0	98+952.5939	+1,453.1973	+27,006.3312	+1,000.0000	0.0	+1,000.0000	263.7030	287 09 00.64
EC 53-0	99+216.2969	+1,563.0908	+26,767.4574					302 15 33.29

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P. NO. ()

IP	+1,382.3330	+26,260.7907
AP1	+1,350.2656	+26,312.4756
AP2	+1,904.4432	+26,203.6097
S1	+1,848.9238	+26,311.7207
S	+1,877.3569	+26,258.0381
S2	+1,903.0369	+26,202.9853
C	+1,871.8542	+26,255.2996
O	+ 803.0403	+25,723.3945

R	-1,200.0000
TL	121.9252
D	242.6013
M	6.1465
SL	6.1782
TL1,2 ...	60.3060
SL1,2 ...	1.5396
CL	243.0163

IA	11 36 11.43
T1	302 15 33.29
T2	290 39 21.86

NAME	S T A.	X	Y	R1	A	R2	L	T
BC S4-0	99+693.5224	+1,317.8103	+26,363.8957	-1,200.0000	C.0	-1,200.0000	243.0163	302 15 33.29
EC S4-0	99+936.5337	+1,925.2930	+26,146.7035					290 39 21.86

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+2,558.1665	+24,469.5660
AP1	+2,529.6885	+24,545.1060
AP2	+2,538.1463	+24,391.3580
S1	+2,523.9224	+24,543.8907
S	+2,533.9174	+24,468.2320
S2	+2,532.2817	+24,391.9336
C	+2,510.7915	+24,466.9599
O	+2,034.6722	+24,440.7682

R	- 500.0000
TL	157.7200
D	300.8283
M	23.1608
SL	24.2858
TL1,2 ...	76.9902
SL1,2 ...	5.3928
CL	305.5611

IA	35 00 53.00
T1	290 39 21.86
T2	255 38 28.36

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 55-0	101+571.1785	+2,502.5296	+24,617.1470	- 500.0000	C.O	- 500.0000	305.5611	290 39 21.86
EC 55-0	101+376.7396	+2,519.0534	+24,316.7728					255 38 28.86

*****. BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+2,221.9076	+23,155.9892
AP1	+2,235.0734	+23,211.3271
AP2	+2,232.8824	+23,099.9311
S1	+2,239.1385	+23,210.8964
S	+2,234.4779	+23,155.6291
S2	+2,235.9671	+23,100.1857
C	+2,246.7398	+23,155.2779
O	+2,734.2729	+23,141.3120

R	+ 500.0000
TL	112.8432
D	220.1494
M	12.2659
SL	12.5754
TL1,2 ...	55.7209
SL1,2 ...	3.0952
CL	221.9677

IA	25 26 08.23
T1	255 38 28.86
T2	281 04 37.09

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 56-0	102+962.1093	+2,249.8917	+23,265.3074	+ 500.0000	0.0	+ 500.0000	221.9677	255 38 28.86
EC 56-0	103+184.0770	+2,243.5879	+23,045.2483					281 04 37.09

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+2,407.5000	+22,203.0000
AP1	+2,394.6077	+22,273.8526
AP2	+2,381.0232	+22,146.3416
S1	+2,389.8031	+22,273.8430
S	+2,387.8154	+22,210.0971
S2	+2,376.3706	+22,147.5587
C	+2,369.0069	+22,212.1009
O	+1,965.2070	+22,255.1203

R	- 425.0000
TL	131.2191
D	250.7581
M	13.9149
SL	19.7960
TL1,2 ...	64.1183
SL1,2 ...	4.8091
CL	254.5457

IA	34 18 58.41
T1	281 04 37.09
T2	246 45 38.68

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 57-0	103+906.0002	+2,382.2892	+22,336.7745	- 425.0000	0.0	- 425.0000	254.5457	281 04 37.09
EC 57-0	104+160.5460	+2,355.7247	+22,037.4274					246 45 38.68

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-20367-2 (FORM 5)

I.P NO. ()

IP	+2,225.0000	+21,733.0000
AP1	+2,259.9236	+21,864.3232
AP2	+2,256.0163	+21,700.1025
S1	+2,267.6072	+21,852.6534
S	+2,257.9702	+21,782.2157
S2	+2,263.7714	+21,701.4107
C	+2,283.5661	+21,731.4378
O	+2,682.3500	+21,772.1082

R	+ 425.0000
TL	170.6465
D	316.7161
M	30.5046
SL	32.9795
TL1,2 ...	82.1384
SL1,2 ...	7.8642
CL	324.5444

IA	43 45 10.81
T1	246 45 38.68
T2	290 30 49.49

NAME	S T A.	X	Y	P1	A	R2	L	T
BC 58-0	104+321.2074	+2,292.3322	+21,939.8011	+ 425.0000	C.O	+ 425.0000	324.5444	246 45 38.68
EC 58-0	104+645.7519	+2,284.8000	+21,623.1745					290 30 49.49

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80367-2 (FORM 5)

I.P NO. ()

IP	+2,602.4003	+20,774.3349
AP1	+2,578.3825	+20,838.5266
AP2	+2,602.3541	+20,705.7971
S1	+2,575.4649	+20,837.7243
S	+2,590.3683	+20,772.1619
S2	+2,599.3402	+20,705.5282
C	+2,578.5293	+20,770.0237
O	+1,852.3038	+20,638.3645

R	- 750.0000
TL	135.9761
D	267.5900
M	12.0306
SL	12.2267
TL1,2 ...	67.4384
SL1,2 ...	3.0259
CL	269.0300

IA	20 33 08.56
T1	290 30 49.49
T2	269 57 40.93

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 59-0	105+416.0862	+2,554.7499	+20,901.6885	- 750.0000	G.0	- 750.0000	269.0300	290 30 49.49
EC 59-0	105+685.1162	+2,602.3086	+20,638.3588					269 57 40.93

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+2,599.7901	+16,902.9531
AP1	+2,599.8260	+16,956.2291
AP2	+2,582.3513	+16,352.4416
S1	+2,597.7096	+16,956.4018
S	+2,591.3387	+16,904.3354
S2	+2,580.7902	+16,852.9522
C	+2,582.9971	+16,905.6996
D	+1,949.8616	+17,009.2506

R	- 650.0000
TL	105.8592
D	203.9654
M	3.4524
SL	3.5637
TL1,2 ...	52.5832
SL1,2 ...	2.1235
CL	209.8759

IA	18 30 00.02
T1	269 57 40.93
T2	251 27 40.91

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 60-0	109+314.6635	+2,599.8615	+17,008.8123	- 650.0000	0.0	- 650.0000	209.8759	269 57 40.93
EC 60-0	109+524.5394	+2,566.1323	+16,302.5869					251 27 40.91

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30367-2 (FORM 5)

I.P. NO. ()

IP	+2,389.7111	+16,276.4973
AP1	+2,464.5835	+16,499.7670
AP2	+2,509.2851	+16,191.3944
S1	+2,497.3861	+16,501.6532
S	+2,536.9343	+16,345.5807
S2	+2,631.7035	+16,215.4152
C	+2,643.4134	+16,395.5452
O	+2,921.5815	+16,526.1204

R	+ 425.0000
TL	405.3039
D	526.9990
M	117.6191
SL	162.6259
TL1,2 ...	170.3175
SL1,2 ...	32.8570
CL	647.9554

IA	87 21 11.52
T1	251 27 40.91
T2	338 48 52.44

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 61-0	109+673.6153	+2,513.7350	+16,661.2466	+ 425.0000	0.0	+ 425.0000	647.9554	251 27 40.91
EC 61-0	110+321.5707	+2,763.0918	+16,129.8438					338 48 52.44

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P NO. ()

IP	+3,639.6732	+15,792.0345
AP1	+3,540.1996	+15,830.5887
AP2	+3,683.3292	+15,694.6920
S1	+3,535.0384	+15,822.4402
S	+3,611.7644	+15,762.6403
S2	+3,675.4592	+15,689.1155
C	+3,585.9485	+15,735.4503
O	+3,267.4915	+15,400.0439

R	- 500.0000
TL	205.3675
D	379.9353
M	37.4935
SL	40.5329
TL1,2 ...	98.6838
SL1,2 ...	9.6455
CL	389.7263

IA	44 39 33.66
T1	338 48 52.44
T2	294 09 18.73

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 62-0	111+050.9594	+3,448.1853	+15,866.2518	- 500.0000	0.0	- 500.0000	389.7263	338 48 52.44
EC 62-0	111+440.6358	+3,723.7116	+15,604.6489					294 09 18.78

I.P NO. ()

IP	+4,296.8730	+14,326.6364
AP1	+4,270.9961	+14,384.3357
AP2	+4,307.6310	+14,264.3220
S1	+4,269.1552	+14,383.6450
S	+4,289.3135	+14,324.3238
S2	+4,305.7182	+14,263.3668
C	+4,281.8134	+14,322.0394
O	+3,332.3819	+14,032.3725

R	-1,000.0000
TL	125.9765
D	249.9773
M	7.3413
SL	7.9038
TL1,2 ...	62.7403
SL1,2 ...	1.9662
CL	250.6328

IA	14 21 36.72
T1	294 09 18.78
T2	279 47 42.07

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 63-0	112+715.3626	+4,245.3221	+14,441.5324	-1,000.0000	C.0	-1,000.0000	250.6328	294 09 18.78
EC 63-0	112+965.9954	+4,313.3046	+14,202.4963					279 47 42.07

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+4,524.9108	+13,005.7536
AP1	+4,492.6353	+13,192.4163
AP2	+4,713.3037	+12,986.0164
S1	+4,514.4025	+13,204.1347
S	+4,602.9945	+13,089.2163
S2	+4,723.5515	+13,008.4650
C	+4,665.2628	+13,155.7743
O	+4,910.4270	+13,417.3274

R	+ 450.0000
TL	340.4814
D	543.0384
M	91.1444
SL	114.2939
TL1,2 ...	151.0574
SL1,2 ...	24.6771
CL	582.9550

IA	74 13 26.90
T1	279 47 42.07
T2	354 01 08.97

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 64-0	113+839.9601	+4,466.9868	+13,341.2717	+ 450.0000	0.0	+ 450.0000	582.9550	279 47 42.07
EC 64-0	114+422.9151	+4,863.5389	+12,970.2768					354 01 08.97

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-2 (FORM 5)

I.P. NO. ()

IP	+6,524.3814	+12,796.2767
AP1	+6,422.3338	+12,805.9678
AP2	+6,591.4415	+12,718.6174
S1	+6,419.7294	+12,798.3326
S	+6,506.8876	+12,762.7926
S2	+6,585.8407	+12,711.5477
C	+6,490.5228	+12,731.5608
O	+6,275.3569	+12,319.6295

R	- 500.0000
TL	193.0043
D	363.1893
M	35.1246
SL	37.7785
TL1,2 ...	95.3921
SL1,2 ...	9.0195
CL	377.0607

IA	43 12 23.73
T1	354 01 08.97
T2	310 48 40.24

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 65-0	115+894.2431	+6,327.4549	+12,816.9079	- 500.0000	C.O	- 500.0000	377.0607	354 01 08.97
EC 65-0	116+271.9039	+6,653.7907	+12,646.4137					310 48 40.24

I.P NO. ()

IP	+8,192.6994	+10,864.2739
AP1	+8,143.7256	+10,915.1967
AP2	+8,205.7270	+10,793.2661
S1	+8,145.2096	+10,912.8778
S	+8,177.2268	+10,856.7314
S2	+8,201.7337	+10,796.9241
C	+8,162.2691	+10,849.4400
O	+7,727.7835	+10,637.6407

R	- 500.0000
TL	132.3230
D	255.8384
M	16.6402
SL	17.2131
TL1,2 ...	65.0419
SL1,2 ...	4.2127
CL	258.7149

IA	29 38 47.55
T1	310 48 40.24
T2	281 09 52.70

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 66-0	118+494.2065	+8,106.2173	+10,964.4249	- 500.0000	C.0	- 500.0000	258.7149	310 48 40.24
EC 66-0	118+752.9215	+8,218.3209	+10,734.4552					281 09 52.70

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-30867-2 (FORM 5)

I.P. NO. ()

IP	+8,382.3146	+ 9,903.5355
AP1	+8,357.7129	+10,023.1868
AP2	+8,501.4375	+ 9,859.3434
S1	+8,370.5191	+10,034.3735
S	+8,429.5752	+ 9,943.7651
S2	+8,509.5898	+ 9,870.9973
C	+8,470.8136	+ 9,978.8685
O	+8,753.2029	+10,219.2467

R	+ 425.0000
TL	237.9216
D	415.2087
M	54.1558
SL	62.0544
TL1,2 ...	110.8657
SL1,2 ...	14.2223
CL	433.7958

IA	58 28 53.64
Y1	281 09 52.70
Y2	339 38 46.34

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 67-0	119+361.9481	+8,336.2461	+10,136.9544	+ 425.0000	C.0	+ 425.0000	433.7958	281 09 52.70
EC 67-0	119+795.7439	+8,605.3811	+ 9,820.7825					339 38 46.34

I.P NO. ()

IP	+8,960.6832	+9,688.9729
AP1	+8,862.5218	+9,725.3887
AP2	+8,995.3903	+9,590.1944
S1	+8,856.8472	+9,716.6257
S	+8,928.9560	+9,657.7916
S2	+8,986.5301	+9,584.6727
C	+8,900.2351	+9,629.5647
O	+8,625.8396	+9,359.8299

R	- 425.0000
TL	199.4766
D	361.1514
M	40.2697
SL	44.4847
TL1,2 ...	94.7781
SL1,2 ...	10.4399
CL	373.0037

IA	50 17 11.93
T1	339 38 46.34
T2	289 21 34.41

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 68-0	119+975.2309	+8,773.6614	+9,758.3541	- 425.0000	0.0	- 425.0000	373.0087	339 38 46.34
EC 68-0	120+348.2396	+9,026.8097	+9,590.7754					289 21 34.41

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80567-2 (FORM 5)

I.P. NO. (

)

IP	+10,987.6101	+3,920.2083
AP1	+10,926.4759	+4,094.2093
AP2	+11,171.8351	+3,911.7374
S1	+10,944.3778	+4,107.7483
S	+11,049.1555	+4,002.9688
S2	+11,179.5136	+3,933.2599
C	+11,100.1766	+4,071.5773
O	+11,347.5240	+4,404.1872

R	+ 500.0000
TL	337.3035
D	559.2490
M	35.5001
SL	103.1365
TL1,2 ...	152.3838
SL1,2 ...	22.8513
CL	593.4796

IA	63 00 27.91
T1	289 21 34.41
T2	357 22 02.31

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 69-0	125+925.9569	+10,375.7956	+4,238.4396	+ 500.0000	0.0	+ 500.0000	593.4796	289 21 34.41
EC 69-0	126+519.4365	+11,324.5575	+3,904.7150					357 22 02.31

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80857-2 (FORM 5)

I.P NO. ()

IP	+14,313.9127	+3,744.2692
AP1	+14,633.1932	+3,752.3495
AP2	+14,873.5160	+3,530.6460
S1	+14,631.1998	+3,732.1692
S	+14,758.3496	+3,666.4977
S2	+14,861.6887	+3,567.4985
C	+14,711.7035	+3,601.2073
O	+14,467.6383	+3,259.6608

R	- 500.0000
TL	323.5990
D	543.3336
M	50.2416
SL	95.5206
TL1,2 ...	147.6838
SL1,2 ...	21.3545
CL	574.4029

IA	65 49 13.19
I1	357 22 02.31
I2	291 32 44.12

NANE	S T A.	X	Y	R1	A	R2	L	T
BC 70-0	129+633.3795	+14,490.6553	+3,759.1331	- 500.0000	0.0	- 500.0000	574.4029	357 22 02.31
EC 70-0	130+263.2324	+14,932.7516	+3,443.2315					291 32 44.12

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30367-2 (FORM 5)

I.P NO. (

)

IP	+16,684.4938	- 993.4191
AP1	+16,663.3546	- 941.1454
AP2	+16,681.0611	-1,049.5149
S1	+16,660.9597	- 941.9384
S	+16,672.4578	- 995.3301
S2	+16,678.0636	-1,049.6594
C	+16,660.7082	- 997.1957
O	+16,178.6436	-1,073.7351

R - 500.0000

TL 111.0642

D 216.8432

H 11.8968

SL 12.1867

TL1,2 ... 54.8635

SL1,2 ... 3.0010

CL 218.5796

IA 25 02 50.55

T1 291 32 44.12

T2 266 29 53.53

NAME

S T A.

X

Y

R1

A

R2

L

T

BC 71-0	134+922.2195	+16,643.7064	- 890.1154	- 500.0000	C.0	- 500.0000	218.5796	291 32 44.12
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EC 71-0	135+140.7991	+16,677.7100	-1,104.2759					266 29 53.58
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***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P. NO. ()

IP	+16,504.8370	-3,929.2817
AP1	+16,510.1331	-3,842.7349
AP2	+16,523.7878	-4,012.6169
S1	+16,513.7764	-3,842.6470
S	+16,519.4605	-3,927.6759
S2	+16,532.3634	-4,011.9121
C	+16,533.8719	-3,926.0934
O	+17,513.4854	-3,313.5224

R	+1,000.0000
TL	172.1603
D	339.3287
M	14.4931
SL	14.7114
TL1,2 ...	85.4516
SL1,2 ...	3.4443
CL	340.9731

IA	19 32 11.73
II	266 29 53.58
IZ	286 02 05.36

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 72-0	137+798.9289	+16,515.3525	-3,757.4428	+1,000.0000	C.0	+1,000.0000	340.9781	266 29 53.58
EC 72-0	138+139.9370	+16,552.3914	-4,094.7440					286 02 05.36

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+19,789.7834	-15,359.0292
AP1	+19,767.2093	-15,280.4842
AP2	+19,762.6812	-15,436.1292
S1	+19,761.2314	-15,281.2377
S	+19,764.9456	-15,358.3067
S2	+19,756.7579	-15,435.0295
C	+19,741.2836	-15,357.6134
O	+19,265.1570	-15,343.7635

R	- 500.0000
TL	159.5800
D	304.0498
M	23.6719
SL	24.2463
TL1,2 ...	77.3554
SL1,2 ...	6.0252
CL	303.9409

IA	35 24 07.26
T1	286 02 05.36
T2	250 37 58.10

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 73-0	149+700.6013	+19,745.7040	-15,205.6578	- 500.0000	C.O	- 500.0000	308.9409	286 02 05.36
EC 73-0	150+009.5421	+19,736.3633	-15,509.5790					250 37 58.10

I.P. NO. ()

IP	+18,067.2013	-20,259.5205
AP1	+13,106.8454	-20,147.3079
AP2	+18,125.7942	-20,363.0302
S1	+18,118.1467	-20,148.7501
S	+18,116.2198	-20,255.1693
S2	+18,136.8616	-20,359.5353
C	+18,160.3461	-20,251.2081
O	+18,614.2615	-20,210.7604

R	+ 500.0000
TL	227.2239
D	413.7368
M	44.3017
SL	49.2112
TL1,2 ...	103.2856
SL1,2 ...	11.5914
CL	426.5548

IA	43 52 46.50
II	250 37 58.10
IZ	299 30 44.61

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 74-U	154+817.1633	+18,142.5552	-20,045.1499	+ 500.0000	C.0	+ 500.0000	426.5548	250 37 58.10
EC 74-U	155+243.7181	+18,179.1369	-20,457.2663					299 30 44.61

***** BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP +19,392.8161 -22,601.3549
 AP1 +19,342.6343 -22,512.7038
 AP2 +19,369.1553 -22,700.4378
 S1 +19,334.2008 -22,515.5708
 S +19,355.8948 -22,606.5707
 S2 +19,360.2576 -22,700.0190
 C +19,321.5358 -22,611.4246
 O +18,360.8106 -22,675.5107

R - 500.0000
 TL 196.5630
 D 366.0383
 M 34.7001
 SL 37.2879
 TL1,2 ... 94.7991
 SL1,2 ... 8.9075
 CL 374.7483

IA 42 56 34.77
 T1 299 30 44.61
 T2 256 34 09.83

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 75-0	157+510.3142	+19,295.9351	-22,430.2048	- 500.0000	0.0	- 500.0000	374.7483	299 30 44.61
EC 75-0	157+885.5625	+19,347.1365	-22,792.6444					256 34 09.83

I.P NO. ()

IP	+18,293.0451	-27,219.5408
AP1	+18,303.1671	-27,154.4105
AP2	+18,279.4134	-27,274.2477
ST	+18,303.4782	-27,164.4811
S	+18,291.2928	-27,219.6291
S2	+18,279.7310	-27,274.9113
C	+18,292.5401	-27,219.8973
O	+23,179.5456	-25,270.3114

R	+5,000.0000
TL	112.9763
D	225.3949
M	1.2759
SL	1.2762
TL1,2 ...	58.4809
SL1,2 ...	0.3190
CL	225.9141

IA	2 35 19.63
TI	256 34 09.83
IZ	259 09 29.46

NAME	S T A.	X	Y	R1	A	P2	L	T
BC 76-0	162+323.7686	+18,316.2858	-27,109.4742	+5,000.0000	C.0	+5,000.0000	225.9141	256 34 09.83
EC 76-0	152+549.6827	+18,268.7945	-27,330.3205					259 09 29.46

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-30867-2 (FORM 5)

I.P. NO. ()

IP	+17,585.7805	-30,391.4404
AP1	+17,603.1138	-30,306.1565
AP2	+17,522.0367	-30,949.3055
S1	+17,596.8054	-30,303.8374
S	+17,562.5753	-30,877.7310
S2	+17,516.8038	-30,945.0877
C	+17,539.6457	-30,864.7441
O	+17,127.5111	-30,631.3183

R	- 500.0000
TL	169.0913
D	320.3590
K	26.3519
SL	27.3130
TL1,2 ...	82.2574
SL1,2 ...	6.7211
CL	326.1085

IA	37 22 09.41
T1	259 09 29.46
T2	221 47 20.05

NAME	S T A.	X	Y	81	2	82	L	T
BC 77-0	156+006.4313	+17,518.5363	-30,725.3674	- 500.0000	C.O	- 500.0000	326.1085	259 09 29.46
EC 77-0	156+332.5402	+17,460.7052	-31,004.1208					221 47 20.05

***** SOLIVIA SAN BORJA - TRINIDAD CENTER(2)

***** S-80867-2 (FORM 5)

I.P NO. ()

IP	+16,315.1915	-32,027.9291
AP1	+16,373.3956	-31,975.4620
AP2	+16,275.3255	-32,095.8242
S1	+16,376.0773	-31,977.5514
S	+16,324.6111	-32,035.6431
S2	+16,277.3050	-32,097.5512
C	+16,333.9173	-32,043.2644
O	+17,096.2817	-32,669.2311

R	+1,000.0000
TL	156.5200
O	309.2746
N	12.0287
SL	12.1751
TL1,2 ...	77.7865
SL1,2 ...	3.0203
CL	310.5207

IA	17 47 29.42
TI	221 47 20.05
IZ	239 34 49.54

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 78-0	167+712.3747	+16,431.8936	-31,923.6260	+1,000.0000	C.0	+1,000.0000	310.5207	221 47 20.05
EC 78-0	168+022.8953	+16,235.9410	-32,162.9027					239 34 49.54

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P. NO. (

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IP	+8,053.8999	-46,126.1817
AP1	+8,077.9015	-46,085.0763
AP2	+8,046.5328	-46,173.2078
S1	+8,079.3810	-46,085.9967
S	+8,062.2172	-46,129.1421
S2	+8,048.6487	-46,173.7451
C	+8,070.3901	-46,132.0511
O	+8,533.2687	-46,296.8038

R	+ 500.0000
TL	94.3734
D	185.4720
M	8.6752
SL	8.8284
TL1,2 ...	46.7738
SL1,2 ...	2.1830
CL	186.5522

IA	21 22 38.31
T1	239 43 08.88
T2	261 05 47.19

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 79-0	184+112.4434	+8,101.4867	-46,044.6842	+ 500.0000	0.0	+ 500.0000	186.5522	239 43 08.88
EC 79-0	184+298.9956	+8,039.2936	-46,219.4180					261 05 47.19

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P NO. ()

IP	+5,883.4031	-60,117.0298
AP1	+5,891.8623	-60,063.1531
AP2	+5,898.0710	-60,169.5201
S1	+5,894.4897	-60,063.2881
S	+5,894.8667	-60,116.3391
S2	+5,900.8625	-60,169.0514
C	+5,906.0728	-60,115.6638
O	+6,393.9615	-60,086.2664

R	+ 500.0000
TL	107.7786
O	210.7174
M	11.2265
SL	11.4843
TL1,2 ...	53.2775
SL1,2 ...	2.8305
CL	212.3088

IA	24 19 43.65
T1	261 17 01.54
T2	285 36 45.19

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 80-0	198+255.0646	+5,899.7360	-60,010.4959	+ 500.0000	C.0	+ 500.0000	212.3088	261 17 01.54
EC 80-0	198+467.3734	+5,912.4097	-60,220.8318					285 36 45.19

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P NO. (

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IP	+7,548.4200	-66,075.4096
AP1	+7,523.5021	-65,986.2390
AP2	+7,611.5306	-66,143.1544
S1	+7,528.4705	-65,984.1858
S	+7,567.5163	-66,064.6967
S2	+7,615.8725	-66,139.9845
C	+7,586.0709	-66,054.2877
O	+8,221.6137	-65,697.7497

R	+ 750.0000
TL	182.5471
D	354.7378
M	21.2749
SL	21.8960
TL1,2 ...	89.9604
SL1,2 ...	5.3760
CL	358.1305

IA	27 21 32.96
T1	285 36 45.19
T2	312 58 18.15

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 81-0	204+363.6922	+7,499.2909	-65,899.5978	+ 750.0000	0.0	+ 750.0000	358.1305	285 36 45.19
EC 81-0	204+721.8228	+7,672.8509	-66,208.9776					312 58 18.15

I.P NO. ()

IP	+10,421.3664	-69,159.3189
AP1	+10,337.8040	-69,123.2920
AP2	+10,461.2981	-69,188.1258
S1	+10,388.6408	-69,122.4321
S	+10,424.5510	-69,155.7039
S2	+10,462.0469	-69,187.1382
C	+10,427.7204	-69,152.1161
O	+11,086.0927	-68,405.8005

R +1,000.0000

IL 98.2400

D 195.5387

M 4.7909

SL 4.3140

TL1,2 ... 49.0021

SL1,2 ... 1.1999

CL 195.8516

IA 11 13 17.28

T1 312 58 18.15

T2 324 11 35.44

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 82-0	208+655.8094	+10,354.4024	-69,087.4376	+1,000.0000	0.0	+1,000.0000	195.8516	312 58 18.15
EC 82-0	208+851.6609	+10,501.0385	-69,216.7946					324 11 35.44

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P NO. ()

IP	+13,420.3867	-71,322.8235
AP1	+13,315.8599	-71,247.4175
AP2	+13,424.9898	-71,451.6285
S1	+13,305.9005	-71,256.1230
S	+13,370.4249	-71,349.5230
S2	+13,412.2176	-71,455.0707
C	+13,325.5475	-71,373.5053
O	+12,929.4434	-71,585.1824

R	- 500.0000
TL	244.6579
D	439.5196
M	50.8835
SL	56.6485
TL1,2 ...	115.7707
SL1,2 ...	13.2279
CL	455.0638

IA	52 08 47.30
T1	324 11 35.44
T2	272 02 48.14

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 83-0	212+206.7185	+13,221.9706	-71,179.6853	- 500.0000	0.0	- 500.0000	455.0638	324 11 35.44
EC 83-0	212+661.7823	+13,429.1244	-71,567.3253					272 02 48.14

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P. NO. ()

IP	+13,664.6848	-78,153.8337
AP1	+13,656.9656	-77,942.8335
AP2	+13,880.0966	-78,176.5377
S1	+13,684.3066	-77,931.3064
S	+13,768.5311	-78,059.6856
S2	+13,892.8762	-78,149.7592
C	+13,846.1541	-77,985.5744
O	+14,075.9245	-77,766.1992

R	+ 425.0000
TL	377.6970
D	564.6418
M	107.3210
SL	143.5772
TL1,2 ...	161.5589
SL1,2 ...	29.6716
CL	617.5557

IA	83 15 17.66
T1	272 02 48.14
T2	355 18 05.79

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 84-0	218+879.8015	+13,651.1957	-77,781.3777	+ 425.0000	0.0	+ 425.0000	617.5557	272 02 48.14
EC 84-0	219+497.3572	+14,041.1126	-78,189.7711					355 18 05.79

BOLIVIA SAN BORJA - TRINIDAD CENTER(2)

S-80867-3 (FORM 5)

I.P NO. (

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IP	+14,896.6714	-78,260.0866
AP1	+14,615.0173	-78,236.9384
AP2	+14,344.3566	-78,537.8059
S1	+14,595.7214	-78,272.1966
S	+14,729.6870	-78,387.3722
S2	+14,805.2457	-78,547.0690
C	+14,617.9196	-78,472.5679
O	+14,391.6864	-78,645.0165

R	- 425.0000
TL	471.7583
D	631.5220
M	140.5356
SL	209.9653
TL1,2 ...	189.1546
SL1,2 ...	40.1929
CL	711.8686

IA	95 58 10.43
T1	355 18 05.79
T2	259 19 55.36

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 85-0	219+884.0424	+14,426.4984	-78,221.4446	- 425.0000	0.0	- 425.0000	711.8686	355 18 05.79
EC 85-0	220+595.9109	+14,309.3409	-78,723.6912					259 19 55.36

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