

08 SJI-SLP ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
0	356,108.03	2,323,474.15	359.74	0.00
1	356,107.39	2,323,613.23	359.09	139.09
2	356,104.09	2,323,734.70	355.04	260.60
3	356,017.78	2,324,321.48	344.35	853.70
4	356,005.50	2,324,350.51	344.47	885.21
5	355,973.40	2,324,575.22	337.68	1,112.21
6	355,952.31	2,324,603.71	337.24	1,147.66
7	355,912.42	2,324,855.57	355.45	1,402.65
8	355,912.38	2,324,877.17	3.30	1,424.25
9	355,917.06	2,324,916.97	7.93	1,464.33
10	355,942.18	2,325,072.81	7.38	1,622.17
11	355,959.31	2,325,247.31	3.06	1,797.52
12	355,959.93	2,325,314.87	359.23	1,865.08
13	355,939.60	2,325,882.19	355.83	2,432.76
14	355,808.76	2,327,071.13	351.63	3,628.88
15	355,790.12	2,327,172.06	353.14	3,731.52
16	355,788.34	2,327,203.49	0.32	3,763.00
17	355,798.49	2,327,352.52	5.68	3,912.38
18	355,821.67	2,327,529.40	5.02	4,090.77
19	355,840.36	2,327,944.77	5.88	4,506.56
20	355,858.05	2,328,054.18	9.58	4,617.38
21	355,920.66	2,328,409.91	9.93	4,978.59
22	355,925.44	2,328,437.38	10.76	5,006.47
23	355,927.09	2,328,445.37	6.97	5,014.63
24	355,928.22	2,328,473.73	5.97	5,043.01
25	355,957.18	2,328,644.00	10.35	5,215.72
26	355,959.19	2,328,654.32	33.90	5,226.24
27	355,964.07	2,328,657.52	67.21	5,232.07
28	356,061.73	2,328,678.89	78.90	5,332.04
29	356,088.89	2,328,683.61	42.46	5,359.60
30	356,090.49	2,328,702.75	0.33	5,378.81
31	355,772.13	2,333,117.61	358.43	9,805.13
32	355,773.23	2,333,181.78	1.33	9,869.32
33	355,774.99	2,333,241.79	3.40	9,929.35
34	355,783.80	2,333,340.10	7.90	10,028.06
35	355,833.71	2,333,604.90	10.68	10,297.52
36	356,200.09	2,335,547.52	1.80	12,274.38
37	356,197.97	2,335,564.54	349.66	12,291.54
38	356,190.32	2,335,596.19	358.36	12,324.10
39	356,206.87	2,335,687.07	9.19	12,416.48
40	356,208.40	2,335,697.87	349.90	12,427.38
41	356,205.23	2,335,703.76	308.62	12,434.07
42	356,054.37	2,335,745.57	297.01	12,590.61
43	355,352.57	2,336,304.39	309.85	13,487.72
44	355,340.25	2,336,315.16	327.40	13,504.08
45	355,335.87	2,336,330.07	348.84	13,519.62
46	355,333.80	2,336,350.01	355.10	13,539.66
47	355,321.73	2,336,529.50	355.92	13,719.57
48	355,319.66	2,336,557.00	345.15	13,747.14
49	355,311.66	2,336,573.85	331.23	13,765.79
50	355,299.04	2,336,593.92	326.74	13,789.50

08 SJI-SLP ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
51	355,276.36	2,336,627.10	330.50	13,829.70
52	355,241.84	2,336,702.33	337.37	13,912.47
53	355,212.43	2,336,780.57	337.36	13,996.05
54	355,034.23	2,337,168.20	337.00	14,422.68
55	354,825.61	2,337,703.25	338.85	14,996.96
56	354,309.73	2,339,047.08	339.09	16,436.41
57	354,246.41	2,339,213.61	336.79	16,614.57
58	354,177.41	2,339,357.63	334.50	16,774.26
59	354,023.49	2,339,681.66	336.09	17,133.00
60	353,963.89	2,339,826.21	345.47	17,289.35
61	353,959.99	2,339,859.63	356.79	17,323.00
62	353,960.24	2,339,918.81	3.19	17,382.18
63	353,983.12	2,340,131.39	2.43	17,595.98
64	353,981.93	2,340,184.66	355.03	17,649.26
65	353,977.19	2,340,215.76	349.99	17,680.73
66	353,643.23	2,341,877.88	349.37	19,376.06
67	353,602.13	2,342,113.54	351.12	19,615.28
68	353,557.42	2,342,436.67	350.40	19,941.50
69	353,550.67	2,342,470.38	343.84	19,975.87
70	353,539.41	2,342,499.74	337.56	20,007.32
71	353,498.85	2,342,591.27	334.89	20,107.43
72	353,479.01	2,342,631.39	325.99	20,152.19
73	353,478.74	2,342,631.70	316.27	20,152.60
74	353,416.33	2,342,692.47	314.11	20,239.71
75	353,232.17	2,342,870.22	310.31	20,495.66
76	353,198.80	2,342,895.04	305.53	20,537.25
77	353,147.80	2,342,929.99	306.32	20,599.08
78	353,114.10	2,342,956.53	309.75	20,641.97
79	353,044.26	2,343,017.83	309.48	20,734.89
80	353,030.51	2,343,028.45	304.10	20,752.27
81	353,007.72	2,343,041.88	301.22	20,778.72
82	352,914.22	2,343,100.18	303.09	20,888.91
83	352,895.16	2,343,113.15	309.17	20,911.96
84	352,852.46	2,343,154.53	315.14	20,971.43
85	352,813.60	2,343,195.03	317.18	21,027.55
86	352,795.48	2,343,215.27	323.56	21,054.72
87	352,779.51	2,343,241.81	331.81	21,085.69
88	352,677.21	2,343,457.91	330.82	21,324.78
89	352,645.93	2,343,506.04	326.29	21,382.19
90	352,603.73	2,343,567.69	322.75	21,456.90
91	352,552.33	2,343,628.71	320.72	21,536.68
92	352,467.09	2,343,736.09	322.67	21,673.77
93	352,405.89	2,343,819.67	326.27	21,777.37
94	352,335.57	2,343,935.60	326.66	21,912.96
95	352,214.18	2,344,106.19	326.03	22,122.33
96	352,133.52	2,344,232.82	327.87	22,272.47
97	351,955.07	2,344,521.02	324.93	22,611.44
98	351,872.54	2,344,625.27	320.18	22,744.41
99	351,690.47	2,344,832.69	314.99	23,020.40
100	351,178.61	2,345,281.73	309.43	23,701.31
101	350,960.20	2,345,449.98	309.92	23,977.01

08 SJI-SLP ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
102	350,855.95	2,345,544.62	319.28	24,117.81
103	350,801.46	2,345,626.44	328.39	24,216.11
104	350,705.03	2,345,796.47	326.85	24,411.59
105	350,631.32	2,345,895.24	323.34	24,534.83
106	350,556.85	2,345,995.52	323.16	24,659.73
107	350,468.00	2,346,113.06	327.65	24,807.08
108	350,200.52	2,346,624.27	329.81	25,384.04
109	350,142.40	2,346,714.58	321.55	25,491.43
110	350,029.06	2,346,831.40	315.88	25,654.19
111	349,963.83	2,346,898.68	311.62	25,747.91
112	349,929.78	2,346,924.67	307.43	25,790.75
113	349,824.36	2,347,005.61	308.51	25,923.66
114	349,654.31	2,347,145.78	307.85	26,144.03
115	349,485.59	2,347,269.27	310.16	26,353.12
116	349,264.37	2,347,483.72	314.81	26,661.21
117	349,180.00	2,347,569.63	316.02	26,781.63
118	348,957.30	2,347,804.39	315.76	27,105.22
119	348,701.50	2,348,060.22	320.16	27,466.99
120	348,439.04	2,348,439.48	322.30	27,928.21
121	348,429.37	2,348,450.71	317.50	27,943.03
122	348,121.17	2,348,766.70	314.94	28,384.43
123	348,070.06	2,348,816.35	312.43	28,455.69
124	348,035.70	2,348,845.90	312.92	28,501.01
125	347,702.62	2,349,180.74	317.93	28,973.30
126	347,348.89	2,349,613.06	321.49	29,531.89
127	347,291.38	2,349,687.37	320.02	29,625.86
128	347,213.80	2,349,772.88	320.09	29,741.31
129	347,178.04	2,349,819.31	323.74	29,799.92
130	347,147.87	2,349,862.55	328.02	29,852.64
131	347,115.77	2,349,920.32	331.97	29,918.73
132	347,083.85	2,349,982.93	335.77	29,989.01
133	347,067.34	2,350,024.96	342.00	30,034.17
134	347,056.30	2,350,067.50	346.14	30,078.12
135	347,046.77	2,350,108.19	348.54	30,119.91
136	346,952.17	2,350,658.98	354.44	30,678.76
137	346,951.82	2,350,673.36	1.53	30,693.15
138	346,953.86	2,350,699.59	3.35	30,719.46
139	346,959.66	2,350,845.66	4.27	30,865.65
140	346,965.24	2,350,896.41	6.14	30,916.69
141	346,974.85	2,350,987.72	7.47	31,008.51
142	346,980.04	2,351,020.80	9.23	31,041.99
143	346,986.75	2,351,060.76	7.63	31,082.52
144	347,016.44	2,351,356.36	6.58	31,379.60
145	347,051.14	2,351,622.42	6.52	31,647.92
146	347,058.95	2,351,702.04	0.83	31,727.92
147	347,057.44	2,351,723.88	353.02	31,749.81
148	347,053.89	2,351,744.02	348.15	31,770.26
149	347,046.21	2,351,775.57	342.89	31,802.74
150	347,022.09	2,351,839.91	340.51	31,871.45
151	346,991.50	2,351,931.72	342.42	31,968.22
152	346,987.48	2,351,945.09	346.49	31,982.18

08 SJI-SLP ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
153	346,984.66	2,351,960.60	354.82	31,997.95
154	346,984.64	2,351,978.46	359.98	32,015.80
155	346,984.69	2,352,076.19	356.22	32,113.53
156	346,972.44	2,352,168.13	349.83	32,206.29
157	346,969.47	2,352,181.24	340.56	32,219.73
158	346,965.98	2,352,188.36	325.31	32,227.65
159	346,957.09	2,352,197.81	307.25	32,240.63
160	346,944.36	2,352,204.51	297.15	32,255.02
161	346,864.60	2,352,244.37	298.06	32,344.19
162	346,852.14	2,352,251.43	309.84	32,358.50
163	346,845.07	2,352,259.90	329.36	32,369.54
164	346,841.26	2,352,269.63	348.00	32,379.99
165	346,840.67	2,352,282.41	4.06	32,392.78
166	346,844.42	2,352,302.21	9.17	32,412.94
167	346,850.42	2,352,347.00	13.91	32,458.12
168	346,875.12	2,352,414.19	14.50	32,529.71
169	346,877.59	2,352,430.09	4.56	32,545.80
170	346,877.66	2,352,445.85	359.03	32,561.56
171	346,875.50	2,352,501.62	351.59	32,617.37
172	346,869.64	2,352,524.12	342.51	32,640.62
173	346,862.53	2,352,543.25	337.74	32,661.03
174	346,852.54	2,352,565.54	335.59	32,685.46
175	346,845.17	2,352,581.57	332.13	32,703.10
176	346,804.52	2,352,649.09	330.09	32,781.91
177	346,799.50	2,352,658.24	322.54	32,792.35
178	346,792.68	2,352,664.78	310.08	32,801.80
179	346,784.08	2,352,671.10	300.69	32,812.47
180	346,705.87	2,352,707.70	297.48	32,898.82
181	346,660.70	2,352,733.67	303.12	32,950.93
182	346,637.70	2,352,750.59	308.86	32,979.48
183	346,612.55	2,352,772.74	321.86	33,012.99
184	346,603.61	2,352,789.81	338.88	33,032.26
185	346,544.99	2,353,014.75	340.91	33,264.72
186	346,538.85	2,353,028.82	341.84	33,280.07
187	346,530.68	2,353,064.94	342.20	33,317.10
188	346,510.45	2,353,112.97	336.26	33,369.21
189	346,480.56	2,353,178.11	330.36	33,440.88
190	346,464.39	2,353,201.54	320.92	33,469.35
191	346,376.00	2,353,294.58	312.91	33,597.68
192	346,330.26	2,353,332.09	306.71	33,656.84
193	346,217.94	2,353,408.05	302.39	33,792.43
194	346,035.19	2,353,516.59	302.96	34,004.98
195	345,887.62	2,353,620.72	309.68	34,185.60
196	345,812.52	2,353,693.65	312.02	34,290.27
197	345,685.03	2,353,800.18	306.46	34,456.41
198	345,489.15	2,353,927.52	300.99	34,690.05
199	345,407.89	2,353,972.46	301.18	34,782.92
200	345,243.99	2,354,080.56	301.99	34,979.25
201	344,811.18	2,354,336.22	296.07	35,481.93
202	344,768.75	2,354,352.99	296.45	35,527.55
203	344,584.81	2,354,464.97	300.15	35,742.90

08 SJI-SLP ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
204	343,832.13	2,354,881.55	298.96	36,603.16