

**Приложение 1. Перечень координат характерных точек  
устанавливаемых красных линий**

Красная линия 01

Номер	Дир.угол	Длина	X	Y
1	152° 58' 28"	163.58	435263.29	2309826.58
2	146° 4' 43"	32.97	435117.57	2309900.91
3	171° 0' 1"	5.5	435090.21	2309919.31
4	196° 2' 35"	40.31	435084.78	2309920.17
5	216° 7' 20"	4.44	435046.04	2309909.03
6	236° 3' 19"	14.97	435042.45	2309906.41
7			435034.09	2309893.99

Красная линия 02

Номер	Дир.угол	Длина	X	Y
1	56° 3' 23"	10.03	434980	2309930.4
2	77° 45' 53"	7.41	434985.6	2309938.72
3	99° 32' 29"	51.22	434987.17	2309945.96
4	122° 48' 18"	7.9	434978.68	2309996.47
5	146° 5' 3"	24.64	434974.4	2310003.11
6	144° 26' 39"	3.66	434953.95	2310016.86
7	141° 18' 57"	3.66	434950.97	2310018.99
8	137° 59' 22"	3.66	434948.11	2310021.28
9	134° 53' 21"	3.66	434945.39	2310023.73
10	133° 12' 30"	60.83	434942.81	2310026.32
11	134° 51' 25"	16.98	434901.16	2310070.66
12	138° 7' 32"	16.99	434889.18	2310082.7
13	141° 27' 22"	16.98	434876.53	2310094.04
14	144° 45' 23"	16.98	434863.25	2310104.62
15	148° 2' 28"	16.98	434849.38	2310114.42
16			434834.97	2310123.41

Красная линия 03

Номер	Дир.угол	Длина	X	Y
1	131° 50' 14"	179.29	435315.61	2309904.55
2	126° 1' 39"	4.49	435196.02	2310038.13
3	111° 52' 37"	23.97	435193.38	2310041.76
4	96° 23' 29"	28.48	435184.45	2310064
5	94° 27' 25"	5.28	435181.28	2310092.3
6	90° 19' 32"	5.28	435180.87	2310097.56
7	86° 18' 6"	5.27	435180.84	2310102.84
8	82° 16' 9"	5.28	435181.18	2310108.1
9	78° 18' 25"	5.28	435181.89	2310113.33
10	74° 10' 26"	5.28	435182.96	2310118.5
11	70° 15' 30"	5.27	435184.4	2310123.58
12	66° 6' 13"	5.28	435186.18	2310128.54

13	62° 4' 28"	5.27	435188.32	2310133.37
14	58° 5' 12"	5.28	435190.79	2310138.03
15	56° 4' 41"	182.31	435193.58	2310142.51
16	57° 4' 40"	13.25	435295.32	2310293.79
17	58° 54' 10"	13.24	435302.52	2310304.91
18	60° 51' 41"	13.25	435309.36	2310316.25
19	62° 43' 9"	13.24	435315.81	2310327.82
20	64° 35' 46"	13.24	435321.88	2310339.59
21	66° 30' 42"	13.25	435327.56	2310351.55
22	68° 24' 56"	13.24	435332.84	2310363.7
23	70° 19' 12"	13.24	435337.71	2310376.01
24	72° 11' 40"	13.24	435342.17	2310388.48
25	74° 1' 51"	13.23	435346.22	2310401.09
26	75° 2' 33"	489.03	435349.86	2310413.81
27	54° 3' 40"	7.14	435476.08	2310886.27
28	35° 10' 8"	4.51	435480.27	2310892.05
29	38° 38' 24"	4.53	435483.96	2310894.65
30	42° 12' 50"	4.51	435487.5	2310897.48
31	45° 53' 43"	4.53	435490.84	2310900.51
32	49° 18' 9"	4.52	435493.99	2310903.76
33	53° 0' 12"	4.52	435496.94	2310907.19
34	56° 33' 22"	4.52	435499.66	2310910.8
35	60° 2' 7"	4.52	435502.15	2310914.57
36	63° 46' 29"	4.53	435504.41	2310918.49
37	67° 14' 2"	4.52	435506.41	2310922.55
38	70° 53' 0"	4.52	435508.16	2310926.72
39	74° 29' 22"	4.52	435509.64	2310930.99
40	77° 59' 38"	4.52	435510.85	2310935.35
41	81° 36' 3"	4.52	435511.79	2310939.77
42	85° 3' 28"	4.53	435512.45	2310944.24
43	88° 43' 57"	4.52	435512.84	2310948.75
44	92° 24' 25"	4.52	435512.94	2310953.27
45	95° 50' 58"	4.51	435512.75	2310957.79
46	99° 25' 14"	4.52	435512.29	2310962.28
47	103° 1' 23"	4.53	435511.55	2310966.74
48	106° 42' 41"	4.52	435510.53	2310971.15
49	110° 11' 59"	4.52	435509.23	2310975.48
50	113° 43' 51"	4.52	435507.67	2310979.72
51	117° 21' 27"	4.53	435505.85	2310983.86
52	120° 52' 37"	4.52	435503.77	2310987.88
53	124° 32' 5"	4.52	435501.45	2310991.76
54	128° 5' 10"	4.52	435498.89	2310995.48
55	131° 41' 10"	4.53	435496.1	2310999.04
56	135° 10' 45"	4.53	435493.09	2311002.42
57	138° 45' 59"	4.52	435489.88	2311005.61
58	142° 22' 11"	4.52	435486.48	2311008.59

59	145° 59' 38"	4.52	435482.9	2311011.35
60	149° 34' 46"	4.52	435479.15	2311013.88
61	153° 2' 25"	4.54	435475.25	2311016.17
62	124° 53' 53"	10	435471.2	2311018.23
63	94° 54' 43"	395.68	435465.48	2311026.43
64	96° 33' 46"	25.02	435431.6	2311420.66
65	99° 53' 29"	25.03	435428.74	2311445.52
66	103° 12' 51"	25.02	435424.44	2311470.18
67	106° 33' 8"	25.03	435418.72	2311494.54
68	109° 52' 32"	25.03	435411.59	2311518.53
69	113° 11' 44"	25.03	435403.08	2311542.07
70	116° 30' 50"	25.02	435393.22	2311565.08
71	119° 51' 10"	25.03	435382.05	2311587.47
72	125° 2' 46"	26.02	435369.59	2311609.18
73	124° 38' 11"	24.02	435354.65	2311630.48
74	129° 49' 44"	25.03	435341	2311650.24
75	131° 10' 22"	4.13	435324.97	2311669.46
76	129° 6' 37"	21.84	435322.25	2311672.57
77	125° 42' 19"	21.85	435308.47	2311689.52
78	122° 19' 20"	21.84	435295.72	2311707.26
79	118° 54' 43"	21.84	435284.04	2311725.72
80	115° 32' 40"	21.85	435273.48	2311744.84
81	112° 8' 15"	21.84	435264.06	2311764.55
82	108° 44' 30"	21.85	435255.83	2311784.78
83	105° 20' 25"	21.85	435248.81	2311805.47
84	101° 58' 26"	21.84	435243.03	2311826.54
85	98° 34' 43"	21.85	435238.5	2311847.9
86	95° 10' 32"	21.84	435235.24	2311869.51
87	91° 47' 0"	21.85	435233.27	2311891.26
88	88° 22' 23"	21.84	435232.59	2311913.1
89	85° 0' 35"	21.84	435233.21	2311934.93
90	83° 20' 19"	294.05	435235.11	2311956.69
91	81° 34' 40"	13.31	435269.22	2312248.75
92	78° 7' 37"	13.17	435271.17	2312261.92
93	74° 40' 34"	13.17	435273.88	2312274.81
94	71° 15' 44"	13.17	435277.36	2312287.51
95	67° 46' 42"	13.17	435281.59	2312299.98
96	64° 20' 58"	13.17	435286.57	2312312.17
97	60° 53' 11"	13.17	435292.27	2312324.04
98	57° 28' 7"	13.17	435298.68	2312335.55
99	53° 59' 31"	13.17	435305.76	2312346.65
100	50° 32' 43"	13.17	435313.5	2312357.3
101	47° 7' 24"	13.17	435321.87	2312367.47
102	43° 38' 47"	13.17	435330.83	2312377.12
103	40° 13' 43"	13.18	435340.36	2312386.21
104	36° 46' 58"	13.16	435350.42	2312394.72

105	33° 19' 24"	13	435360.96	2312402.6
106	31° 38' 49"	293.07	435371.82	2312409.74
107	33° 48' 27"	148.74	435621.31	2312563.51
108	25° 57' 39"	77.17	435744.9	2312646.27
109			435814.28	2312680.05

Красная линия 04

Номер	Дир.угол	Длина	X	Y
1	331° 58' 40"	30.25	434875.96	2310195.09
2	333° 19' 16"	2.25	434902.66	2310180.88
3	336° 11' 39"	2.23	434904.67	2310179.87
4	338° 43' 22"	2.23	434906.71	2310178.97
5	341° 43' 39"	2.23	434908.79	2310178.16
6	342° 59' 47"	182.57	434910.91	2310177.46
7	19° 32' 44"	23.82	435085.5	2310124.07
8	56° 4' 11"	239.49	435107.95	2310132.04
9	57° 5' 41"	10.93	435241.63	2310330.75
10	58° 53' 0"	10.93	435247.57	2310339.93
11	60° 50' 0"	10.94	435253.22	2310349.29
12	62° 42' 29"	10.93	435258.55	2310358.84
13	64° 36' 23"	10.94	435263.56	2310368.55
14	66° 30' 20"	10.94	435268.25	2310378.43
15	68° 24' 46"	10.93	435272.61	2310388.46
16	70° 20' 21"	10.94	435276.63	2310398.62
17	72° 9' 41"	10.94	435280.31	2310408.92
18	74° 25' 4"	16.9	435283.66	2310419.33
19	75° 3' 14"	55.29	435288.2	2310435.61
20			435302.46	2310489.03

Красная линия 05

Номер	Дир.угол	Длина	X	Y
1	75° 2' 28"	329.84	435318.36	2310548.56
2	110° 1' 17"	22.96	435403.5	2310867.22
3	143° 22' 7"	4.32	435395.64	2310888.79
4	140° 9' 38"	4.32	435392.17	2310891.37
5	136° 52' 40"	4.32	435388.85	2310894.14
6	133° 46' 52"	4.32	435385.7	2310897.09
7	130° 41' 15"	4.33	435382.71	2310900.21
8	127° 22' 28"	4.32	435379.89	2310903.49
9	124° 16' 37"	4.33	435377.27	2310906.92
10	121° 4' 39"	4.32	435374.83	2310910.5
11	153° 55' 53"	11.36	435372.6	2310914.2
12	188° 28' 57"	6.44	435362.4	2310919.19

13	98° 29' 27"	51.2	435356.03	2310918.24
14	8° 17' 22"	1.53	435348.47	2310968.88
15	83° 23' 28"	10.6	435349.98	2310969.1
16			435351.2	2310979.63

Красная линия 06

Номер	Дир.угол	Длина	X	Y
1	4° 36' 16"	11.96	435374.49	2311013.42
2	39° 53' 3"	3.73	435386.41	2311014.38
3	37° 21' 44"	3.72	435389.27	2311016.77
4	34° 42' 53"	3.72	435392.23	2311019.03
5	64° 18' 59"	10.18	435395.29	2311021.15
6	94° 54' 39"	386.19	435399.7	2311030.32
7	96° 34' 10"	21.24	435366.64	2311415.09
8	99° 53' 33"	21.25	435364.21	2311436.19
9	103° 11' 56"	21.24	435360.56	2311457.12
10	106° 32' 58"	21.24	435355.71	2311477.8
11	109° 52' 4"	21.24	435349.66	2311498.16
12	113° 12' 33"	21.24	435342.44	2311518.14
13	116° 31' 44"	21.25	435334.07	2311537.66
14	119° 50' 55"	21.24	435324.58	2311556.67
15	123° 11' 20"	21.25	435314.01	2311575.09
16	126° 31' 9"	21.24	435302.38	2311592.87
17	129° 49' 35"	21.25	435289.74	2311609.94
18	129° 27' 44"	30.11	435276.13	2311626.26
19	125° 49' 24"	25.18	435256.99	2311649.51
20	122° 29' 7"	25.19	435242.25	2311669.93
21	119° 10' 16"	20.56	435228.72	2311691.18
22			435218.7	2311709.13

Красная линия 07

Номер	Дир.угол	Длина	X	Y
1	110° 36' 26"	19.69	435197.95	2311753.95
2	107° 23' 6"	24.33	435191.02	2311772.38
3	104° 9' 22"	24.33	435183.75	2311795.6
4	100° 58' 22"	24.32	435177.8	2311819.19
5	97° 44' 50"	24.33	435173.17	2311843.07
6	94° 33' 2"	24.33	435169.89	2311867.18
7	91° 19' 9"	24.33	435167.96	2311891.43
8	88° 6' 57"	24.33	435167.4	2311915.75
9	84° 54' 21"	24.33	435168.2	2311940.07
10	83° 20' 16"	294.19	435170.36	2311964.3
11	81° 51' 12"	14.68	435204.49	2312256.5

12	78° 50' 35"	14.68	435206.57	2312271.03
13	75° 53' 17"	14.68	435209.41	2312285.43
14	72° 57' 38"	14.67	435212.99	2312299.67
15	69° 58' 33"	10.72	435217.29	2312313.7
16			435220.96	2312323.77

Красная линия 08

Номер	Дир.угол	Длина	X	Y
1	321° 42' 20"	79.09	434961.22	2313335.71
2	317° 51' 46"	593.95	435023.29	2313286.7
3	316° 35' 12"	17.62	435463.73	2312888.21
4	314° 4' 49"	17.62	435476.53	2312876.1
5	311° 32' 59"	17.62	435488.79	2312863.44
6	309° 0' 37"	17.62	435500.48	2312850.25
7	307° 46' 0"	137.87	435511.57	2312836.56
8	306° 10' 59"	20.85	435596.01	2312727.57
9	303° 0' 16"	21.09	435608.32	2312710.74
10	246° 9' 53"	80.94	435619.81	2312693.05
11	211° 38' 48"	292.85	435587.1	2312619.01
12	213° 11' 20"	15.86	435337.8	2312465.36
13	216° 23' 37"	15.88	435324.53	2312456.68
14	219° 36' 7"	15.86	435311.75	2312447.26
15	222° 49' 47"	15.87	435299.53	2312437.15
16	225° 58' 13"	15.87	435287.89	2312426.36
17	229° 11' 28"	15.87	435276.86	2312414.95
18	232° 24' 2"	15.87	435266.49	2312402.94
19	235° 37' 45"	15.87	435256.81	2312390.37
20	238° 47' 44"	10.62	435247.85	2312377.27
21			435242.35	2312368.19

Красная линия 09

Номер	Дир.угол	Длина	X	Y
1	205° 57' 41"	67.48	435788.06	2312711.77
2	155° 28' 3"	78.8	435727.39	2312682.23
3	122° 59' 6"	23.44	435655.7	2312714.95
4	126° 12' 19"	23.45	435642.94	2312734.61
5	127° 45' 48"	137.64	435629.09	2312753.53
6	129° 1' 6"	19.47	435544.8	2312862.34
7	131° 33' 54"	19.47	435532.54	2312877.47
8	134° 5' 5"	19.48	435519.62	2312892.04
9	136° 36' 8"	19.47	435506.07	2312906.03
10	137° 51' 47"	595.45	435491.92	2312919.41
11	141° 42' 11"	80.39	435050.37	2313318.9

12			434987.28	2313368.72
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Красная линия 10

Номер	Дир.угол	Длина	X	Y
1	149° 55' 53"	5.05	434926.39	2313410.34
2	152° 33' 30"	19.29	434922.02	2313412.87
3	155° 10' 30"	19.29	434904.9	2313421.76
4	156° 29' 22"	555.83	434887.39	2313429.86
5	111° 9' 32"	7.12	434377.7	2313651.59
6	65° 42' 33"	4.96	434375.13	2313658.23
7	68° 3' 58"	1.61	434377.17	2313662.75
8	70° 13' 40"	1.63	434377.77	2313664.24
9	74° 17' 29"	1.66	434378.32	2313665.77
10	77° 43' 52"	5.74	434378.77	2313667.37
11	351° 44' 46"	6.55	434379.99	2313672.98
12	358° 29' 23"	5.31	434386.47	2313672.04
13	9° 11' 48"	5.32	434391.78	2313671.9
14	19° 52' 20"	5.3	434397.03	2313672.75
15	30° 14' 27"	5.3	434402.01	2313674.55
16	40° 57' 9"	5.31	434406.59	2313677.22
17	51° 35' 37"	5.3	434410.6	2313680.7
18	60° 16' 30"	3.57	434413.89	2313684.85
19	67° 34' 1"	3.54	434415.66	2313687.95
20	76° 7' 16"	5.29	434417.01	2313691.22
21	86° 52' 5"	5.31	434418.28	2313696.36
22	97° 33' 58"	5.32	434418.57	2313701.66
23	108° 1' 29"	5.3	434417.87	2313706.93
24	118° 35' 36"	5.31	434416.23	2313711.97
25	129° 12' 50"	5.33	434413.69	2313716.63
26	139° 45' 49"	5.28	434410.32	2313720.76
27	150° 30' 42"	5.26	434406.29	2313724.17
28	155° 43' 54"	40.51	434401.71	2313726.76
29	155° 44' 28"	25.12	434364.78	2313743.41
30	161° 6' 60"	5.25	434341.88	2313753.73
31	171° 32' 57"	5.31	434336.91	2313755.43
32	182° 21' 49"	5.33	434331.66	2313756.21
33	192° 49' 59"	5.31	434326.33	2313755.99
34	203° 31' 28"	5.31	434321.15	2313754.81
35	213° 57' 33"	5.32	434316.28	2313752.69
36	224° 46' 14"	5.3	434311.87	2313749.72
37	231° 45' 37"	2.34	434308.11	2313745.99
38	177° 48' 10"	8.09	434306.66	2313744.15
39	123° 49' 40"	70.36	434298.58	2313744.46
40	106° 9' 50"	16.92	434259.41	2313802.91
41	88° 35' 51"	57.2	434254.7	2313819.16



42	92° 41' 19"	3.62	434256.1	2313876.34
43	103° 30' 49"	3.72	434255.93	2313879.96
44	114° 3' 18"	3.78	434255.06	2313883.58
45	124° 55' 44"	3.72	434253.52	2313887.03
46	133° 52' 13"	2.51	434251.39	2313890.08
47	140° 52' 21"	2.49	434249.65	2313891.89
48	149° 52' 32"	3.75	434247.72	2313893.46
49	160° 47' 22"	3.74	434244.48	2313895.34
50	171° 24' 59"	3.75	434240.95	2313896.57
51	181° 59' 46"	3.73	434237.24	2313897.13
52			434233.51	2313897

#### Красная линия 11

Номер	Дир.угол	Длина	X	Y
1	149° 20' 58"	0.31	434900.51	2313376.69
2	152° 44' 7"	16.48	434900.24	2313376.85
3	155° 15' 14"	16.48	434885.59	2313384.4
4	156° 29' 20"	658.37	434870.62	2313391.3
5	189° 50' 21"	11	434266.91	2313653.94
6	221° 42' 30"	3.82	434256.07	2313652.06
7	218° 29' 43"	3.81	434253.22	2313649.52
8	215° 23' 53"	3.82	434250.24	2313647.15
9	212° 21' 21"	3.81	434247.13	2313644.94
10	209° 11' 9"	3.81	434243.91	2313642.9
11	206° 1' 35"	3.81	434240.58	2313641.04
12	203° 0' 5"	3.81	434237.16	2313639.37
13	229° 28' 14"	9.53	434233.65	2313637.88
14	256° 38' 25"	14.58	434227.46	2313630.64
15	254° 9' 45"	14.58	434224.09	2313616.45
16	251° 37' 40"	14.47	434220.11	2313602.42
17			434215.55	2313588.69

#### Красная линия 12

Номер	Дир.угол	Длина	X	Y
1	72° 32' 8"	14.56	434155.21	2313613.78
2	75° 49' 56"	14.79	434159.58	2313627.67
3	107° 39' 9"	9.96	434163.2	2313642.01
4	135° 23' 9"	4.2	434160.18	2313651.5
5	132° 5' 56"	4.19	434157.19	2313654.45
6	128° 37' 2"	4.2	434154.38	2313657.56
7	125° 18' 57"	4.2	434151.76	2313660.84
8	121° 49' 53"	4.19	434149.33	2313664.27
9	118° 27' 29"	4.2	434147.12	2313667.83

10	114° 55' 5"	4.2	434145.12	2313671.52
11	111° 40' 29"	4.2	434143.35	2313675.33
12	108° 10' 34"	4.2	434141.8	2313679.23
13	104° 45' 52"	4.2	434140.49	2313683.22
14	101° 16' 59"	4.19	434139.42	2313687.28
15	97° 56' 14"	4.2	434138.6	2313691.39
16	94° 30' 12"	4.2	434138.02	2313695.55
17	91° 13' 39"	4.2	434137.69	2313699.74
18	122° 34' 18"	10.94	434137.6	2313703.94
19	155° 44' 28"	218.95	434131.71	2313713.16
20	154° 17' 42"	31.59	433932.09	2313803.12
21	151° 23' 6"	31.13	433903.63	2313816.82
22	148° 32' 10"	31.63	433876.3	2313831.73
23	145° 55' 4"	94.04	433849.32	2313848.24
24	145° 51' 53"	180.97	433771.43	2313900.94
25	165° 45' 37"	6.83	433621.64	2314002.49
26	185° 46' 18"	53.2	433615.02	2314004.17
27	230° 49' 39"	14.14	433562.09	2313998.82
28	275° 46' 14"	50.43	433553.16	2313987.86
29			433558.23	2313937.69

### Красная линия 13

Номер	Дир.угол	Длина	X	Y
1	268° 35' 55"	103.45	434191.1	2313897.78
2	266° 40' 56"	2.07	434188.57	2313794.36
3	263° 37' 45"	2.07	434188.45	2313792.29
4	259° 59' 31"	2.07	434188.22	2313790.23
5	256° 37' 59"	2.08	434187.86	2313788.19
6	253° 8' 30"	2.07	434187.38	2313786.17
7	249° 59' 36"	2.08	434186.78	2313784.19
8	246° 24' 8"	2.07	434186.07	2313782.24
9	242° 56' 20"	2.07	434185.24	2313780.34
10	239° 36' 16"	2.08	434184.3	2313778.5
11	236° 0' 13"	2.07	434183.25	2313776.71
12	232° 51' 12"	2.07	434182.09	2313774.99
13	229° 5' 58"	2.08	434180.84	2313773.34
14	225° 58' 40"	2.07	434179.48	2313771.77
15	222° 27' 34"	2.07	434178.04	2313770.28
16	218° 55' 9"	2.07	434176.51	2313768.88
17	215° 45' 46"	2.07	434174.9	2313767.58
18	212° 14' 20"	2.08	434173.22	2313766.37
19	211° 35' 39"	2.81	434171.46	2313765.26
20	213° 55' 13"	2.76	434169.07	2313763.79
21	213° 10' 12"	2.14	434166.78	2313762.25
22	209° 42' 41"	2.12	434164.99	2313761.08

23	206° 26' 42"	2.13	434163.15	2313760.03
24	202° 35' 57"	2.13	434161.24	2313759.08
25	199° 27' 18"	2.13	434159.27	2313758.26
26	195° 47' 51"	2.13	434157.26	2313757.55
27	192° 12' 27"	2.13	434155.21	2313756.97
28	188° 53' 20"	2.14	434153.13	2313756.52
29	185° 23' 22"	2.13	434151.02	2313756.19
30	181° 52' 56"	2.13	434148.9	2313755.99
31	178° 23' 11"	2.13	434146.77	2313755.92
32	174° 52' 43"	2.13	434144.64	2313755.98
33	171° 22' 35"	2.13	434142.52	2313756.17
34	167° 47' 33"	2.13	434140.41	2313756.49
35	164° 27' 41"	2.13	434138.33	2313756.94
36	160° 47' 56"	2.13	434136.28	2313757.51
37	157° 41' 38"	2.11	434134.27	2313758.21
38	155° 44' 29"	200.14	434132.32	2313759.01
39	154° 17' 22"	29.99	433949.85	2313841.24
40	151° 23' 39"	29.01	433922.83	2313854.25
41	148° 31' 55"	29.62	433897.36	2313868.14
42	145° 53' 1"	218.37	433872.1	2313883.6
43	122° 15' 20"	15.29	433691.31	2314006.08
44	90° 0' 0"	49.36	433683.15	2314019.01
45	51° 48' 13"	12.36	433683.15	2314068.37
46	13° 38' 5"	65.41	433690.79	2314078.08
47	13° 40' 49"	53.87	433754.36	2314093.5
48			433806.7	2314106.24

Красная линия 14

Номер	Дир.угол	Длина	X	Y
1	182° 24' 49"	93.79	433800.61	2314155.51
2	182° 51' 37"	25.85	433706.9	2314151.56
3	184° 40' 55"	243.18	433681.08	2314150.27
4	132° 52' 44"	0.19	433438.71	2314130.42
5	132° 31' 3"	35.26	433438.58	2314130.56
6	135° 17' 11"	237.56	433414.75	2314156.55
7	41° 42' 43"	15.78	433245.93	2314323.69
8	38° 16' 10"	3.44	433257.71	2314334.19
9	31° 6' 23"	3.45	433260.41	2314336.32
10	24° 10' 56"	3.44	433263.36	2314338.1
11	16° 57' 19"	3.43	433266.5	2314339.51
12	13° 32' 9"	8.33	433269.78	2314340.51
13			433277.88	2314342.46

Красная линия 15

Номер	Дир.угол	Длина	X	Y
1	193° 30' 10"	3.13	433270.88	2314349.41
2	197° 1' 5"	4.48	433267.84	2314348.68
3	203° 59' 19"	4.48	433263.56	2314347.37
4	211° 12' 19"	4.48	433259.47	2314345.55
5	218° 8' 35"	4.5	433255.64	2314343.23
6	221° 44' 19"	16.28	433252.1	2314340.45
7	135° 18' 15"	309.01	433239.95	2314329.61
8	44° 30' 13"	33.45	433020.29	2314546.95
9			433044.15	2314570.4

Красная линия 16

Номер	Дир.угол	Длина	X	Y
1	101° 0' 49"	44.39	433501.57	2313929.42
2	101° 0' 14"	41.49	433493.09	2313972.99
3	119° 40' 51"	2.22	433485.17	2314013.72
4	119° 39' 35"	22.53	433484.07	2314015.65
5	119° 39' 31"	37.87	433472.92	2314035.23
6	119° 39' 17"	4.73	433454.18	2314068.14
7	133° 49' 16"	15.47	433451.84	2314072.25
8	133° 45' 47"	11.46	433441.13	2314083.41
9	222° 0' 40"	8.95	433433.2	2314091.69
10	135° 17' 10"	293.22	433426.55	2314085.7
11			433218.18	2314292

Красная линия 17

Номер	Дир.угол	Длина	X	Y
1	135° 17' 50"	391.34	433190.86	2314319.03
2	138° 11' 14"	264.78	432912.71	2314594.31
3	186° 10' 13"	8.19	432715.36	2314770.84
4			432707.22	2314769.96

Красная линия 18

Номер	Дир.угол	Длина	X	Y
1	224° 29' 48"	33	433037.85	2314575.99
2	135° 18' 7"	103.3	433014.31	2314552.86
3	138° 11' 12"	125.17	432940.88	2314625.52
4	44° 30' 49"	26.66	432847.59	2314708.97
5			432866.6	2314727.66

Красная линия 19

Номер	Дир.угол	Длина	X	Y
1	224° 28' 57"	26.62	432860.3	2314733.24
2	138° 11' 12"	88.91	432841.31	2314714.59
3	136° 13' 49"	124.49	432775.04	2314773.87
4			432685.14	2314859.99

Красная линия 20

Номер	Дир.угол	Длина	X	Y
1	133° 36' 26"	9.02	432678	2314758.18
2	133° 17' 38"	1.66	432671.78	2314764.71
3	185° 18' 60"	56.87	432670.64	2314765.92
4	185° 20' 48"	29.3	432614.01	2314760.65
5	185° 19' 28"	31.14	432584.84	2314757.92
6	304° 27' 46"	9.67	432553.83	2314755.03
7			432559.3	2314747.06

Красная линия 21

Номер	Дир.угол	Длина	X	Y
1	127° 10' 48"	9.98	432529.31	2314744.25
2	185° 19' 10"	19.09	432523.28	2314752.2
3	216° 20' 7"	11.36	432504.27	2314750.43
4	216° 24' 14"	29.99	432495.12	2314743.7
5	216° 22' 37"	30	432470.98	2314725.9
6	216° 24' 55"	22.69	432446.83	2314708.11
7	302° 12' 46"	8.5	432428.57	2314694.64
8			432433.1	2314687.45

Красная линия 22

Номер	Дир.угол	Длина	X	Y
1	184° 55' 40"	44.94	432578.88	2314780.88
2	184° 12' 55"	17.96	432534.11	2314777.02
3	188° 13' 57"	23.74	432516.2	2314775.7
4	200° 33' 22"	0.85	432492.7	2314772.3
5	213° 3' 21"	7.52	432491.9	2314772
6	213° 48' 12"	28.04	432485.6	2314767.9
7	213° 27' 55"	14.14	432462.3	2314752.3
8	213° 48' 12"	28.04	432450.5	2314744.5
9	213° 44' 49"	27.9	432427.2	2314728.9
10	213° 48' 7"	14.2	432404	2314713.4
11	214° 26' 20"	4.24	432392.2	2314705.5
12	221° 42' 53"	23.44	432388.7	2314703.1

13	221° 45' 17"	27.48	432371.2	2314687.5
14	221° 31' 54"	14.03	432350.7	2314669.2
15	221° 12' 19"	27.78	432340.2	2314659.9
16	221° 9' 59"	27.5	432319.3	2314641.6
17	223° 15' 51"	14.01	432298.6	2314623.5
18	221° 11' 9"	27.64	432288.4	2314613.9
19	221° 9' 59"	27.5	432267.6	2314595.7
20	220° 57' 20"	14.04	432246.9	2314577.6
21	220° 58' 33"	28.21	432236.3	2314568.4
22	220° 56' 47"	27.01	432215	2314549.9
23	221° 13' 28"	13.96	432194.6	2314532.2
24	220° 49' 20"	28.15	432184.1	2314523
25	220° 48' 28"	27.08	432162.8	2314504.6
26	200° 25' 8"	15.16	432142.3	2314486.9
27	222° 55' 16"	66.67	432128.09	2314481.61
28			432079.27	2314436.21

#### Красная линия 23

Номер	Дир.угол	Длина	X	Y
1	129° 37' 13"	7.92	432411.56	2314671.36
2	220° 23' 41"	31	432406.51	2314677.46
3	220° 23' 49"	15.51	432382.9	2314657.37
4	220° 20' 26"	15.49	432371.09	2314647.32
5	220° 21' 45"	32.8	432359.28	2314637.29
6	220° 23' 20"	16.1	432334.29	2314616.05
7	220° 21' 57"	16.1	432322.03	2314605.62
8	220° 23' 6"	16.96	432309.76	2314595.19
9	220° 21' 11"	17.02	432296.84	2314584.2
10	220° 22' 35"	18.25	432283.87	2314573.18
11	220° 20' 9"	18.26	432269.97	2314561.36
12	219° 39' 8"	34.9	432256.05	2314549.54
13	219° 37' 39"	20.99	432229.18	2314527.27
14	309° 40' 4"	8.52	432213.01	2314513.88
15			432218.45	2314507.32

#### Красная линия 24

Номер	Дир.угол	Длина	X	Y
1	129° 39' 9"	9.1	432212.71	2314502.34
2	219° 36' 18"	24.52	432206.9	2314509.35
3	220° 6' 23"	37.55	432188.01	2314493.72
4	220° 2' 28"	6.54	432159.29	2314469.53
5	220° 4' 51"	34.39	432154.28	2314465.32
6	224° 29' 20"	40.43	432127.97	2314443.18

7			432099.13	2314414.85
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Красная линия 25

Номер	Дир.угол	Длина	X	Y
1	140° 47' 44"	20.87	431789.61	2314163.06
2	141° 17' 58"	4.38	431773.44	2314176.25
3	141° 15' 59"	12.11	431770.02	2314178.99
4	140° 33' 50"	7.15	431760.57	2314186.57
5	222° 40' 1"	46.55	431755.05	2314191.11
6	332° 31' 48"	26.9	431720.82	2314159.56
7	329° 36' 9"	15.79	431744.69	2314147.15
8			431758.31	2314139.16

Красная линия 26

Номер	Дир.угол	Длина	X	Y
1	149° 57' 41"	4.35	431739.74	2314124.98
2	151° 52' 43"	24.87	431735.97	2314127.16
3	153° 8' 28"	11.33	431714.04	2314138.88
4	222° 35' 19"	70.59	431703.93	2314144
5	334° 30' 52"	34.19	431651.96	2314096.23
6			431682.82	2314081.52

Красная линия 27

Номер	Дир.угол	Длина	X	Y
1	152° 48' 1"	4.44	431661.58	2314065.3
2	155° 46' 30"	29.68	431657.63	2314067.33
3	223° 58' 59"	8.37	431630.56	2314079.51
4	219° 38' 54"	21	431624.54	2314073.7
5	219° 35' 17"	0.67	431608.37	2314060.3
6	133° 2' 31"	1.66	431607.85	2314059.87
7	222° 13' 45"	12.14	431606.72	2314061.08
8	134° 42' 59"	2.86	431597.73	2314052.92
9	222° 50' 4"	6.74	431595.72	2314054.95
10	312° 17' 14"	2.84	431590.78	2314050.37
11	222° 1' 25"	14.03	431592.69	2314048.27
12	312° 16' 25"	0.3	431582.27	2314038.88
13	267° 32' 19"	4.42	431582.47	2314038.66
14	309° 54' 49"	18.34	431582.28	2314034.24
15	305° 42' 24"	5.12	431594.05	2314020.17
16			431597.04	2314016.01

Красная линия 28

Номер	Дир.угол	Длина	X	Y
1	129° 48' 20"	0.39	431576.16	2314000.07
2	130° 7' 59"	20.84	431575.91	2314000.37
3	222° 47' 49"	34.4	431562.48	2314016.3
4	223° 37' 31"	4.42	431537.24	2313992.93
5			431534.04	2313989.88

Красная линия 29

Номер	Дир.угол	Длина	X	Y
1	318° 37' 22"	29.32	431720.62	2314221.57
2	223° 27' 11"	74.65	431742.62	2314202.19
3	311° 42' 39"	0.62	431688.43	2314150.85
4	220° 51' 47"	13.53	431688.84	2314150.39
5	223° 21' 48"	2.23	431678.61	2314141.54
6	134° 59' 60"	9.74	431676.99	2314140.01
7	222° 37' 26"	50.83	431670.1	2314146.9
8	220° 42' 25"	22.95	431632.7	2314112.48
9	220° 40' 41"	60.71	431615.3	2314097.51
10	220° 36' 56"	4.35	431569.26	2314057.94
11	140° 31' 34"	19.68	431565.96	2314055.11
12	133° 47' 19"	72.59	431550.77	2314067.62
13	85° 8' 34"	6.61	431500.54	2314120.02
14	35° 30' 25"	21.61	431501.1	2314126.61
15			431518.69	2314139.16

Красная линия 30

Номер	Дир.угол	Длина	X	Y
1	43° 36' 10"	3.19	431517.81	2314008.95
2	42° 47' 43"	28.67	431520.12	2314011.15
3	88° 32' 27"	10.6	431541.16	2314030.63
4	133° 47' 7"	88.39	431541.43	2314041.23
5	175° 1' 13"	7.49	431480.27	2314105.04
6	216° 46' 59"	3.96	431472.81	2314105.69
7	216° 1' 2"	24.59	431469.64	2314103.32
8			431449.75	2314088.86

Красная линия 31

Номер	Дир.угол	Длина	X	Y
1	126° 54' 14"	3.36	432693.28	2314790.75
2	126° 51' 40"	52.44	432691.26	2314793.44
3	124° 52' 31"	20.11	432659.8	2314835.4
4	124° 40' 54"	8.01	432648.3	2314851.9



5			432643.74	2314858.49
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