**Приложение 1. Ведомость координат поворотных точек красных линий.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Номер точки** | **Координата, Х** | **Координата, У** | **Дирекционный**  **угол** | **Мера линий**  **м** |
| **02:01:01** | | | | |
| 1 | 1003385.60 | 2669116.02 | 81°44'5" | 38,56 |
| 2 | 1003391.14 | 2669154.19 | 80°27'21" | 21,66 |
| 3 | 1003394.73 | 2669175.54 | 73°47'17" | 25,28 |
| 4 | 1003401.79 | 2669199.82 | 75°9'5" | 14,93 |
| 5 | 1003405.62 | 2669214.25 | 77°49'35" | 3,66 |
| 6 | 1003406.39 | 2669217.83 | 163°54'3" | 29,27 |
| 7 | 1003378.27 | 2669225.95 | 168°49'34" | 69,27 |
| 8 | 1003310.31 | 2669239.37 | 167°40'51" | 46,87 |
| 9 | 1003264.52 | 2669249.37 | 167°46'7" | 127,92 |
| 10 | 1003139.50 | 2669276.47 | 74°2'56" | 34,79 |
| 11 | 1003129.94 | 2669243.02 | 74°2'56" | 35,34 |
| 12 | 1003120.23 | 2669209.04 | 77°23'40" | 61,10 |
| 13 | 1003106.89 | 2669149.42 | 227°40'53" | 3,07 |
| 14 | 1003104.83 | 2669147.15 | 204°48'2" | 57,36 |
| 15 | 1003052.76 | 2669123.09 | 71°32'10" | 18,61 |
| 16 | 1003046.94 | 2669105.41 | 334°22'7" | 29,02 |
| 17 | 1003073.04 | 2669092.72 | 351°58'31" | 5,37 |
| 18 | 1003078.36 | 2669091.97 | 8°48'31" | 32,13 |
| 19 | 1003110.11 | 2669096.89 | 350°35'8" | 67,36 |
| 20 | 1003176.56 | 2669085.87 | 77°14'42" | 65,31 |
| 21 | 1003190.98 | 2669149.57 | 350°39'29" | 14,79 |
| 22 | 1003205.57 | 2669147.17 | 354°30'4" | 36,81 |
| 23 | 1003242.21 | 2669143.64 | 349°15'55" | 37,06 |
| 24 | 1003278.62 | 2669136.74 | 349°24'44" | 11,81 |
| 25 | 1003290.23 | 2669134.57 | 257°9'48" | 5,22 |
| 26 | 1003289.07 | 2669129.48 | 352°3'48" | 97,46 |
| **02:01:02** | | | | |
| 1 | 1003350.70 | 2669044.67 | 78°55'32" | 52,86 |
| 2 | 1003360.86 | 2669096.55 | 144°1'13" | 23,04 |
| 3 | 1003342.21 | 2669110.09 | 169°50'39" | 15,09 |
| 4 | 1003327.36 | 2669112.75 | 171°53'59" | 48,97 |
| 5 | 1003278.88 | 2669119.65 | 171°53'59" | 38,11 |
| 6 | 1003241.15 | 2669125.02 | 173°27'44" | 17,04 |
| 7 | 1003224.22 | 2669126.96 | 171°54'42" | 25,51 |
| 8 | 1003198.97 | 2669130.55 | 257°15'21" | 47,70 |
| 9 | 1003188.44 | 2669084.03 | 346°41'54" | 42,89 |
| 10 | 1003230.18 | 2669074.16 | 345°37'56" | 78,02 |
| 11 | 1003305.76 | 2669054.80 | 347°18'14" | 46,07 |
| **02:01:03** | | | | |
| 1 | 1003600.50 | 2669038.47 | 155°24'2" | 45,07 |
| 2 | 1003581.16 | 2669079.18 | 202°16'18" | 50,28 |
| 3 | 1003534.63 | 2669060.13 | 181°26'24" | 32,60 |
| 4 | 1003502.05 | 2669059.31 | 166°32'26" | 48,47 |
| 5 | 1003454.91 | 2669070.59 | 166°47'4" | 46,06 |
| 6 | 1003410.07 | 2669081.12 | 175°15'4" | 15,87 |
| 7 | 1003394.25 | 2669082.43 | 203°30'50" | 15,37 |
| 8 | 1003380.15 | 2669076.30 | 224°51'11" | 9,41 |
| 9 | 1003373.49 | 2669069.67 | 266°3'36" | 25,13 |
| 10 | 1003371.76 | 2669044.60 | 300°54'18" | 8,52 |
| 11 | 1003376.13 | 2669037.29 | 349°53'57" | 24,48 |
| 12 | 1003400.23 | 2669033.00 | 346°32'31" | 99,07 |
| 13 | 1003496.58 | 2669009.94 | 1°26'4" | 36,52 |
| 14 | 1003533.08 | 2669010.86 | 22°16'33" | 72,85 |
| **02:01:04** | | | | |
| 1 | 1003574.71 | 2669092.76 | 115°24'9" | 55,0 |
| 2 | 1003551.12 | 2669142.44 | 151°22'38" | 110,14 |
| 3 | 1003454.43 | 2669195.20 | 142°42'58" | 9,14 |
| 4 | 1003447.16 | 2669200.74 | 165°42'22" | 27,54 |
| 5 | 1003420.47 | 2669207.54 | 254°50'32" | 57,05 |
| 6 | 1003405.55 | 2669152.48 | 262°27'42" | 56,13 |
| 7 | 1003398.19 | 2669096.83 | 349°0'19" | 21,25 |
| 8 | 1003419.05 | 2669092.79 | 349°13'35" | 32,87 |
| 9 | 1003451.34 | 2669086.64 | 346°46'15" | 53,68 |
| 10 | 1003503.60 | 2669074.35 | 1°26'20" | 27,92 |
| 11 | 1003531.51 | 2669075.05 | 22°16'57" | 46,69 |
| **02:01:05** | | | | |
| 1 | 1003394.31 | 2669237.18 | 79°21'34" | 32,08 |
| 2 | 1003400.24 | 2669268.71 | 85°14'53" | 11,69 |
| 3 | 1003401.20 | 2669280.36 | 132°46'59" | 100,77 |
| 4 | 1003332.76 | 2669354.32 | 167°41'31" | 45,12 |
| 5 | 1003288.67 | 2669363.94 | 207°22'12" | 9,83 |
| 6 | 1003279.94 | 2669359.42 | 163°30'47" | 55,87 |
| 7 | 1003226.37 | 2669375.30 | 161°12'4" | 54,09 |
| 8 | 1003174.68 | 2669391.23 | 239°54'17" | 16,05 |
| 9 | 1003166.63 | 2669377.34 | 255°27'14" | 72,46 |
| 10 | 1003148.43 | 2669307.20 | 255°51'10" | 15,88 |
| 11 | 1003144.55 | 2669291.80 | 348°0'38" | 109,62 |
| 12 | 1003251.78 | 2669269.03 | 344°52'11" | 16,20 |
| 13 | 1003267.35 | 2669264.82 | 347°28'24" | 82,11 |
| 14 | 1003347.51 | 2669247.01 | 348°8'26" | 47,82 |
| **02:01:06** | | | | |
| 1 | 1003324.20 | 2669368.51 | 74°59'22" | 5,73 |
| 2 | 1003325.68 | 2669374.05 | 110°28'53" | 120,12 |
| 3 | 1003283.65 | 2669486.58 | 163°7'26" | 33,17 |
| 4 | 1003251.91 | 2669496.21 | 164°15'8" | 53,04 |
| 5 | 1003200.86 | 2669510.60 | 257°30'0" | 15,48 |
| 6 | 1003197.51 | 2669495.49 | 257°36'36" | 19,39 |
| 7 | 1003193.35 | 2669476.55 | 257°16'20" | 46,76 |
| 8 | 1003183.05 | 2669430.94 | 255°20'51" | 27,03 |
| 9 | 1003176.21 | 2669404.79 | 317°23'13" | 4,58 |
| 10 | 1003179.58 | 2669401.69 | 342°49'19" | 63,15 |
| 11 | 1003239.91 | 2669383.04 | 352°24'50" | 45,8 |
| 12 | 1003285.30 | 2669376.99 | 347°41'41" | 39,81 |
| **02:01:07** | | | | |
| 1 | 1003272.66 | 2669500.88 | 78°32'43" | 52,06 |
| 2 | 1003283.00 | 2669551.90 | 79°49'3" | 201,04 |
| 3 | 1003318.54 | 2669749.77 | 171°50'36" | 33,85 |
| 4 | 1003285.12 | 2669754.45 | 149°16'22" | 11,44 |
| 5 | 1003275.19 | 2669760.35 | 253°43'11" | 12,21 |
| 6 | 1003271.79 | 2669748.70 | 247°23'20" | 11,48 |
| 7 | 1003267.37 | 2669738.10 | 225°40'23" | 13,88 |
| 8 | 1003257.67 | 2669728.17 | 247°16'16" | 21,23 |
| 9 | 1003249.47 | 2669708.59 | 253°56'34" | 7,85 |
| 10 | 1003247.30 | 2669701.05 | 258°18'27" | 26,05 |
| 11 | 1003242.02 | 2669675.54 | 256°20'57" | 120,72 |
| 12 | 1003213.53 | 2669558.23 | 167°35'14" | 3,16 |
| 13 | 1003210.44 | 2669558.91 | 257°48'53" | 31,82 |
| 14 | 1003203.72 | 2669527.79 | 283°45'13" | 7,91 |
| 15 | 1003205.60 | 2669520.11 | 345°5'18" | 31,15 |
| 16 | 1003235.70 | 2669512.09 | 343°7'26" | 38,62 |
| **02:01:08** | | | | |
| 1 | 1003753.31 | 2669108.39 | 88°26'50" | 13,17 |
| 2 | 1003753.67 | 2669121.56 | 88°26'32" | 38,51 |
| 3 | 1003754.72 | 2669160.06 | 175°25'46" | 11,24 |
| 4 | 1003744.34 | 2669164.37 | 162°37'33" | 15,20 |
| 5 | 1003729.83 | 2669168.91 | 162°42'26" | 5,76 |
| 6 | 1003724.33 | 2669170.62 | 124°20'24" | 11,81 |
| 7 | 1003717.67 | 2669180.37 | 267°30'16" | 24,12 |
| 8 | 1003716.62 | 2669156.28 | 160°44'40" | 22,31 |
| 9 | 1003695.55 | 2669163.64 | 87°36'38" | 46,30 |
| 10 | 1003697.48 | 2669209.90 | 124°21'42" | 2,66 |
| 11 | 1003695.98 | 2669212.09 | 168°3'23" | 7,58 |
| 12 | 1003688.57 | 2669213.66 | 143°24'19" | 0,01 |
| 13 | 1003688.56 | 2669213.67 | 168°0'19" | 2,8 |
| 14 | 1003685.82 | 2669214.25 | 168°1'23" | 19,71 |
| 15 | 1003666.54 | 2669218.34 | 167°43'13" | 14,73 |
| 16 | 1003652.15 | 2669221.47 | 179°35'53" | 38,23 |
| 17 | 1003613.92 | 2669221.74 | 242°14'51" | 52,88 |
| 18 | 1003589.30 | 2669174.95 | 185°8'47" | 29,8 |
| 19 | 1003559.62 | 2669172.27 | 62°14'1" | 53,01 |
| 20 | 1003584.32 | 2669219.18 | 188°44'3" | 28,9 |
| 21 | 1003555.75 | 2669214.79 | 166°15'34" | 38,65 |
| 22 | 1003518.20 | 2669223.97 | 146°9'45" | 39,76 |
| 23 | 1003485.18 | 2669246.11 | 117°49'48" | 27,07 |
| 24 | 1003472.55 | 2669270.03 | 87°24'21" | 0,01 |
| 25 | 1003472.55 | 2669270.04 | 125°36'54" | 13,7 |
| 26 | 1003464.56 | 2669281.20 | 176°7'32" | 29,5 |
| 27 | 1003435.13 | 2669283.19 | 86°23'41" | 29,19 |
| 28 | 1003436.97 | 2669312.32 | 356°35'32" | 19,43 |
| 29 | 1003456.36 | 2669311.17 | 106°24'24" | 9,31 |
| 30 | 1003453.73 | 2669320.10 | 88°25'57" | 23,77 |
| 31 | 1003454.38 | 2669343.86 | 129°56'31" | 28,56 |
| 32 | 1003436.12 | 2669365.82 | 192°2'45" | 38,94 |
| 33 | 1003398.04 | 2669357.69 | 136°40'9" | 22,37 |
| 34 | 1003381.76 | 2669373.04 | 111°7'28" | 32,72 |
| 35 | 1003369.97 | 2669403.57 | 98°59'5" | 22,99 |
| 36 | 1003366.38 | 2669426.28 | 39°30'51" | 0,01 |
| 37 | 1003366.39 | 2669426.29 | 98°58'42" | 23,01 |
| 38 | 1003362.80 | 2669449.01 | 41°55'58" | 1,13 |
| 39 | 1003363.64 | 2669449.77 | 41°55'58" | 16,74 |
| 40 | 1003376.09 | 2669460.96 | 42°14'45" | 17,09 |
| 41 | 1003388.75 | 2669472.45 | 64°35'50" | 33,55 |
| 42 | 1003403.14 | 2669502.76 | 64°45'48" | 17,34 |
| 43 | 1003410.53 | 2669518.44 | 90°0'0" | 0,02 |
| 44 | 1003410.53 | 2669518.46 | 64°36'5" | 1,35 |
| 45 | 1003411.11 | 2669519.68 | 92°12'25" | 32,47 |
| 46 | 1003409.86 | 2669552.13 | 112°17'28" | 51,68 |
| 47 | 1003390.26 | 2669599.95 | 130°21'23" | 19,43 |
| 48 | 1003377.67 | 2669614.76 | 118°47'1" | 49,88 |
| 49 | 1003353.66 | 2669658.47 | 108°57'7" | 59,75 |
| 50 | 1003334.25 | 2669714.98 | 114°18'13" | 38,17 |
| 51 | 1003318.54 | 2669749.77 | 259°49'3" | 201,04 |
| 52 | 1003283.00 | 2669551.90 | 258°32'43" | 52,06 |
| 53 | 1003272.66 | 2669500.88 | 343°7'26" | 21,69 |
| 54 | 1003293.42 | 2669494.58 | 291°36'19" | 96,49 |
| 55 | 1003328.95 | 2669404.87 | 291°28'53" | 24,28 |
| 56 | 1003337.84 | 2669382.28 | 293°45'19" | 32,84 |
| 57 | 1003351.07 | 2669352.22 | 313°29'44" | 94,54 |
| 58 | 1003416.14 | 2669283.64 | 271°23'51" | 50,73 |
| 59 | 1003417.38 | 2669232.92 | 339°52'24" | 42,2 |
| 60 | 1003457.00 | 2669218.40 | 335°41'24" | 112,04 |
| 61 | 1003559.10 | 2669172.28 | 295°13'52" | 16,9 |
| 62 | 1003566.31 | 2669156.99 | 295°33'19" | 122,82 |
| 63 | 1003619.29 | 2669046.19 | 22°15'43" | 53,18 |
| 64 | 1003668.51 | 2669066.34 | 26°22'42" | 94,66 |
| **02:02:01(01)** | | | | |
| 1 | 1003027.40 | 2669126.75 | 81°16'1" | 12,78 |
| 2 | 1003029.34 | 2669139.38 | 166°57'59" | 42,83 |
| 3 | 1002987.61 | 2669149.04 | 256°5'55" | 24,68 |
| 4 | 1002981.68 | 2669125.08 | 272°50'35" | 17,34 |
| 5 | 1002982.54 | 2669107.76 | 20°10'1" | 36,72 |
| 6 | 1003017.01 | 2669120.42 | 31°21'6" | 12,17 |
| **02:02:01(02)** | | | | |
| 1 | 1003001.77 | 2669153.00 | 347°46'15" | 43,44 |
| 2 | 1003044.23 | 2669143.80 | 251°20'58" | 3,13 |
| 3 | 1003047.32 | 2669143.33 | 256°19'18" | 12,63 |
| 4 | 1003059.92 | 2669142.52 | 25°20'37" | 36,09 |
| 5 | 1003092.54 | 2669157.97 | 47°37'48" | 6,01 |
| 6 | 1003096.59 | 2669162.41 | 74°45'58" | 2,78 |
| 7 | 1003097.32 | 2669165.09 | 76°32'41" | 35,15 |
| 8 | 1003105.50 | 2669199.28 | 76°45'26" | 53,95 |
| 9 | 1003117.86 | 2669251.80 | 73°43'55" | 31,62 |
| 10 | 1003126.72 | 2669282.15 | 162°23'49" | 25,21 |
| 11 | 1003102.69 | 2669289.77 | 167°52'41" | 22,62 |
| 12 | 1003080.54 | 2669294.35 | 165°7'15" | 9,23 |
| 13 | 1003071.62 | 2669296.72 | 166°7'37" | 22,10 |
| 14 | 1003050.16 | 2669302.02 | 245°26'51" | 35,15 |
| 15 | 1003035.56 | 2669270.05 | 246°23'23" | 80,21 |
| 16 | 1003003.43 | 2669196.55 | 249°6'22" | 33,48 |
| 17 | 1002991.49 | 2669165.28 | 277°46'37" | 2,22 |
| 18 | 1002991.79 | 2669163.07 | 346°25'7" | 11,34 |
| 19 | 1003002.81 | 2669160.41 | 261°59'32" | 7,48 |
| **02:02:02** | | | | |
| 1 | 1003128.65 | 2669292.65 | 72°34'29" | 69,44 |
| 2 | 1003149.45 | 2669358.90 | 73°0'27" | 37,45 |
| 3 | 1003160.39 | 2669394.71 | 164°58'8" | 56,97 |
| 4 | 1003105.37 | 2669409.48 | 242°33'41" | 52,43 |
| 5 | 1003081.22 | 2669362.95 | 242°59'37" | 51,85 |
| 6 | 1003057.67 | 2669316.76 | 346°1'38" | 12,61 |
| 7 | 1003069.90 | 2669313.71 | 255°59'36" | 7,73 |
| 8 | 1003068.00 | 2669306.22 | 345°44'6" | 9,28 |
| 9 | 1003077.03 | 2669303.92 | 348°11'27" | 16,9 |
| 10 | 1003093.57 | 2669300.47 | 357°5'46" | 4,05 |
| 11 | 1003097.61 | 2669300.26 | 346°13'8" | 31,96 |
| **02:02:03** | | | | |
| 1 | 1003164.15 | 2669407.02 | 73°53'16" | 6,5 |
| 2 | 1003165.96 | 2669413.26 | 76°14'26" | 62,44 |
| 3 | 1003180.81 | 2669473.91 | 77°5'28" | 41,8 |
| 4 | 1003190.15 | 2669514.65 | 166°3'41" | 53,18 |
| 5 | 1003138.54 | 2669527.46 | 258°47'52" | 3,73 |
| 6 | 1003137.81 | 2669523.80 | 165°54'17" | 9,2 |
| 7 | 1003128.89 | 2669526.04 | 258°3'47" | 53,35 |
| 8 | 1003117.85 | 2669473.84 | 264°55'51" | 28,61 |
| 9 | 1003115.33 | 2669445.34 | 254°59'0" | 21,2 |
| 10 | 1003109.82 | 2669424.87 | 344°57'35" | 16,0 |
| 11 | 1003125.28 | 2669420.71 | 254°54'32" | 3,14 |
| 12 | 1003124.469 | 2669417.68 | 344°58'0" | 41,09 |
| **02:02:04** | | | | |
| 1 | 1003190.85 | 2669523.50 | 76°8'57" | 82,64 |
| 2 | 1003210.63 | 2669603.74 | 76°1'56" | 28,42 |
| 3 | 1003217.49 | 2669631.32 | 78°37'42" | 41,69 |
| 4 | 1003225.71 | 2669672.19 | 77°6'57" | 55,72 |
| 5 | 1003238.14 | 2669726.51 | 47°31'47" | 21,79 |
| 6 | 1003252.85 | 2669742.58 | 67°2'57" | 27,01 |
| 7 | 1003263.38 | 2669767.45 | 149°16'22" | 9,25 |
| 8 | 1003255.43 | 2669772.18 | 147°27'15" | 47,73 |
| 9 | 1003215.19 | 2669797.86 | 125°56'31" | 16,61 |
| 10 | 1003200.39 | 2669805.41 | 250°9'2" | 68,62 |
| 11 | 1003177.10 | 2669740.87 | 258°3'0" | 24,67 |
| 12 | 1003171.99 | 2669716.74 | 250°51'36" | 17,28 |
| 13 | 1003166.322 | 2669700.42 | 255°3'24" | 23,29 |
| 14 | 1003160.32 | 2669677.91 | 263°11'7" | 11,69 |
| 15 | 1003158.93 | 2669666.31 | 269°46'38" | 13,42 |
| 16 | 1003158.88 | 2669652.83 | 259°52'4" | 8,01 |
| 17 | 1003157.48 | 2669645.01 | 254°38'12" | 62,09 |
| 18 | 1003141.03 | 2669585.14 | 258°16'16" | 47,86 |
| 19 | 1003131.30 | 2669538.28 | 346°3'41" | 61,35 |
| **02:03:01** | | | | |
| 1 | 1003374.35 | 2669023.34 | 161°58'54" | 63,07 |
| 2 | 1003314.37 | 2669042.85 | 165°29'1" | 26,33 |
| 3 | 1003288.88 | 2669049.45 | 165°57'41" | 3,55 |
| 4 | 1003285.44 | 2669050.31 | 167°23'33" | 40,09 |
| 5 | 1003246.32 | 2669059.06 | 168°22'44" | 63,54 |
| 6 | 1003184.08 | 2669071.86 | 175°51'51" | 22,6 |
| 7 | 1003161.54 | 2669073.49 | 170°14'7" | 51,95 |
| 8 | 1003110.27 | 2669081.90 | 250°38'28" | 30,58 |
| 9 | 1003100.14 | 2669053.04 | 329°5'50" | 17,29 |
| 10 | 1003114.97 | 2669044.16 | 344°3'59" | 74,01 |
| 11 | 1003186.14 | 2669023.84 | 354°32'13" | 27,03 |
| 12 | 1003213.05 | 2669021.27 | 11°37'45" | 44,18 |
| 13 | 1003256.32 | 2669030.18 | 337°46'50" | 27,31 |
| 14 | 1003281.61 | 2669019.85 | 307°12'27" | 28,77 |
| 15 | 1003299.00 | 2668996.94 | 325°30'3" | 18,22 |
| 16 | 1003314.01 | 2668986.62 | 358°43'33" | 35,81 |
| 17 | 1003349.81 | 2668985.83 | 14°35'38" | 15,22 |
| 18 | 1003364.54 | 2668989.66 | 73°28'13" | 4,25 |
| 19 | 1003365.73 | 2668993.67 | 72°20'10" | 1,42 |
| 20 | 1003366.16 | 2668995.02 | 73°52'13" | 29,48 |
| **02:03:02** | | | | |
| 1 | 1003752.70 | 2669085.75 | 206°17'47" | 84,86 |
| 2 | 1003676.62 | 2669048.15 | 202°10'11" | 151,15 |
| 3 | 1003536.64 | 2668991.12 | 181°50'25" | 50,25 |
| 4 | 1003486.418 | 2668989.50 | 163°11'59" | 117,06 |
| 5 | 1003374.35 | 2669023.34 | 253°52'13" | 29,48 |
| 6 | 1003366.16 | 2668995.02 | 252°20'10" | 1,42 |
| 7 | 1003365.73 | 2668993.67 | 253°28'13" | 4,25 |
| 8 | 1003364.54 | 2668989.66 | 194°35'38" | 15,22 |
| 9 | 1003349.81 | 2668985.83 | 178°43'33" | 35,81 |
| 10 | 1003314.01 | 2668986.62 | 145°30'3" | 18,22 |
| 11 | 1003299.00 | 2668996.94 | 127°12'27" | 28,77 |
| 12 | 1003281.61 | 2669019.85 | 157°46'50" | 27,31 |
| 13 | 1003256.32 | 2669030.18 | 191°37'45" | 44,18 |
| 14 | 1003213.05 | 2669021.27 | 174°32'13" | 27,03 |
| 15 | 1003186.14 | 2669023.84 | 164°3'59" | 74,01 |
| 16 | 1003114.97 | 2669044.16 | 149°5'50" | 17,29 |
| 17 | 1003100.14 | 2669053.04 | 70°38'28" | 30,58 |
| 18 | 1003110.27 | 2669081.90 | 189°15'44" | 31,48 |
| 19 | 1003079.21 | 2669076.83 | 172°1'16" | 10,55 |
| 20 | 1003068.76 | 2669078.30 | 154°21'0" | 30,46 |
| 21 | 1003041.30 | 2669091.48 | 161°34'41" | 18,0 |
| 22 | 1003024.23 | 2669097.17 | 170°1'6" | 24,7 |
| 23 | 1002999.90 | 2669101.45 | 200°28'22" | 22,95 |
| 24 | 1002978.40 | 2669093.42 | 188°11'44" | 80,26 |
| 25 | 1002898.96 | 2669081.98 | 113°10'11" | 14,53 |
| 26 | 1002886.80 | 2669074.03 | 271°44'31" | 10,2 |
| 27 | 1002887.11 | 2669063.84 | 183°56'53" | 21,81 |
| 28 | 1002865.35 | 2669062.32 | 273°59'0" | 28,65 |
| 29 | 1002867.34 | 2669033.75 | 258°40'7" | 183,91 |
| 30 | 1003051.20 | 2669029.48 | 250°29'51" | 203,07 |
| 31 | 1003251.49 | 2668995.95 | 38°31'31" | 25,44 |
| 32 | 1003271.39 | 2669011.80 | 325°44'10" | 10,43 |
| 33 | 1003280.01 | 2669005.93 | 316°51'9" | 40,77 |
| 34 | 1003309.76 | 2668978.04 | 251°40'3" | 52,94 |
| 35 | 1003362.14 | 2668970.37 | 250°3'54" | 30,36 |
| 36 | 1003392.05 | 2668965.13 | 333°34'40" | 33,52 |
| 37 | 1003422.06 | 2668950.22 | 251°27'3" | 40,62 |
| 38 | 1003462.23 | 2668944.18 | 251°43'41" | 9,29 |
| 39 | 1003471.42 | 2668942.84 | 5°35'4" | 32,55 |
| 40 | 1003503.82 | 2668946.01 | 20°21'18" | 45,08 |
| 41 | 1003546.09 | 2668961.69 | 349°9'26" | 8,02 |
| 42 | 1003553.97 | 2668960.18 | 348°5'0" | 64,8 |
| 43 | 1003617.37 | 2668946.80 | 352°14'30" | 28,48 |
| 44 | 1003645.59 | 2668942.96 | 43°31'19" | 146,15 |
| 45 | 1003751.56 | 2669043.60 | 92°49'18" | 2,03 |
| 46 | 1003751.46 | 2669045.63 | 87°2'47" | 5,82 |
| 47 | 1003751.76 | 2669051.45 | 88°26'5" | 34,32 |