**Перечень координат характерных точек границ населенных пунктов, входящих в состав городского округа, в системе координат, используемой для ведения Единого государственного реестра недвижимости**

(приложение к генеральному плану города Смоленска, утвержденному решением 32-й сессии Смоленского городского Совета I созыва от 22.09.1998 № 260, предусмотренное п.5.1 ст.23 Градостроительного кодекса Российской Федерации)

**Перечень координат характерных точек границ населенного пункта «город Смоленск» в системе координат МСК-67**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Номер точки** | **Наименование** | | **Меры линий,м** | **Дир.углы** | **На точку** |
| **X** | **Y** |
| 1 | 463742.32 | 1230558.87 | 169.97 | 7° 46' 13" | 2 |
| 2 | 463910.73 | 1230581.85 | 126.3 | 2° 5' 14" | 3 |
| 3 | 464036.95 | 1230586.45 | 129.45 | 11° 44' 41" | 4 |
| 4 | 464163.69 | 1230612.8 | 115.91 | 53° 0' 9" | 5 |
| 5 | 464233.44 | 1230705.37 | 119.91 | 55° 27' 52" | 6 |
| 6 | 464301.42 | 1230804.15 | 196.33 | 54° 14' 38" | 7 |
| 7 | 464416.14 | 1230963.47 | 48.58 | 64° 7' 52" | 8 |
| 8 | 464437.33 | 1231007.18 | 44.75 | 51° 39' 56" | 9 |
| 9 | 464465.09 | 1231042.28 | 9.39 | 147° 41' 49" | 10 |
| 10 | 464457.15 | 1231047.3 | 5.06 | 66° 58' 46" | 11 |
| 11 | 464459.13 | 1231051.96 | 0.43 | 63° 26' 22" | 12 |
| 12 | 464459.32 | 1231052.34 | 35.91 | 63° 56' 56" | 13 |
| 13 | 464475.09 | 1231084.6 | 24.03 | 49° 59' 45" | 14 |
| 14 | 464490.54 | 1231103.01 | 0.59 | 46° 15' 43" | 15 |
| 15 | 464490.95 | 1231103.44 | 9.68 | 46° 15' 44" | 16 |
| 16 | 464497.64 | 1231110.43 | 0.2 | 327° 44' 46" | 17 |
| 17 | 464497.81 | 1231110.32 | 40.65 | 49° 1' 19" | 18 |
| 18 | 464524.47 | 1231141.01 | 167.85 | 145° 59' 20" | 19 |
| 19 | 464385.33 | 1231234.9 | 149.89 | 132° 54' 36" | 20 |
| 20 | 464283.28 | 1231344.68 | 172.89 | 113° 51' 6" | 21 |
| 21 | 464213.37 | 1231502.8 | 190.11 | 116° 12' 9" | 22 |
| 22 | 464129.43 | 1231673.37 | 162.27 | 103° 2' 34" | 23 |
| 23 | 464092.81 | 1231831.45 | 142.22 | 96° 56' 46" | 24 |
| 24 | 464075.61 | 1231972.63 | 121.64 | 89° 47' 17" | 25 |
| 25 | 464076.06 | 1232094.27 | 321.66 | 123° 19' 17" | 26 |
| 26 | 463899.36 | 1232363.05 | 285.25 | 146° 49' 37" | 27 |
| 27 | 463660.6 | 1232519.13 | 146.78 | 179° 42' 26" | 28 |
| 28 | 463513.82 | 1232519.88 | 75.79 | 179° 10' 33" | 29 |
| 29 | 463438.04 | 1232520.97 | 21.3 | 188° 7' 21" | 30 |
| 30 | 463416.95 | 1232517.96 | 288.07 | 188° 10' 13" | 31 |
| 31 | 463131.8 | 1232477.02 | 138.99 | 188° 5' 24" | 32 |
| 32 | 462994.19 | 1232457.46 | 23.31 | 278° 58' 5" | 33 |
| 33 | 462997.82 | 1232434.44 | 27.14 | 277° 26' 46" | 34 |
| 34 | 463001.34 | 1232407.53 | 33.95 | 274° 16' 23" | 35 |
| 35 | 463003.87 | 1232373.67 | 61.7 | 274° 18' 45" | 36 |
| 36 | 463008.51 | 1232312.14 | 179.86 | 278° 9' 26" | 37 |
| 37 | 463034.03 | 1232134.1 | 302.07 | 278° 0' 6" | 38 |
| 38 | 463076.08 | 1231834.97 | 61.57 | 300° 17' 9" | 39 |
| 39 | 463107.13 | 1231781.8 | 245.23 | 278° 2' 20" | 40 |
| 40 | 463141.42 | 1231538.98 | 137.92 | 287° 12' 57" | 41 |
| 41 | 463182.25 | 1231407.23 | 455.25 | 140° 23' 1" | 42 |
| 42 | 462831.56 | 1231697.52 | 354.25 | 145° 37' 32" | 43 |
| 43 | 462539.17 | 1231897.52 | 29.19 | 178° 56' 36" | 44 |
| 44 | 462509.99 | 1231898.06 | 28.08 | 222° 0' 22" | 45 |
| 45 | 462489.12 | 1231879.27 | 0.13 | 172° 34' 42" | 46 |
| 46 | 462488.99 | 1231879.29 | 588.72 | 170° 22' 40" | 47 |
| 47 | 461908.55 | 1231977.7 | 89.14 | 42° 24' 1" | 48 |
| 48 | 461974.38 | 1232037.81 | 39.51 | 129° 59' 5" | 49 |
| 49 | 461948.99 | 1232068.08 | 59.78 | 130° 21' 59" | 50 |
| 50 | 461910.27 | 1232113.63 | 46.95 | 130° 20' 12" | 51 |
| 51 | 461879.88 | 1232149.42 | 90.98 | 221° 42' 6" | 52 |
| 52 | 461811.96 | 1232088.89 | 48.49 | 199° 30' 0" | 53 |
| 53 | 461766.25 | 1232072.71 | 358.8 | 199° 17' 13" | 54 |
| 54 | 461427.59 | 1231954.2 | 308.46 | 174° 23' 0" | 55 |
| 55 | 461120.61 | 1231984.39 | 34.69 | 216° 21' 8" | 56 |
| 56 | 461092.67 | 1231963.83 | 147.92 | 256° 11' 51" | 57 |
| 57 | 461057.38 | 1231820.18 | 114.06 | 156° 58' 56" | 58 |
| 58 | 460952.4 | 1231864.78 | 28.64 | 211° 19' 14" | 59 |
| 59 | 460927.93 | 1231849.89 | 94.97 | 211° 4' 50" | 60 |
| 60 | 460846.59 | 1231800.86 | 255.93 | 234° 17' 19" | 61 |
| 61 | 460697.2 | 1231593.05 | 169.76 | 273° 40' 53" | 62 |
| 62 | 460708.1 | 1231423.64 | 147.15 | 294° 17' 6" | 63 |
| 63 | 460768.62 | 1231289.51 | 66.99 | 10° 27' 59" | 64 |
| 64 | 460834.5 | 1231301.68 | 223.95 | 312° 28' 6" | 65 |
| 65 | 460985.71 | 1231136.48 | 93.91 | 240° 26' 45" | 66 |
| 66 | 460939.39 | 1231054.79 | 29.31 | 233° 39' 28" | 67 |
| 67 | 460922.02 | 1231031.18 | 101.18 | 238° 40' 16" | 68 |
| 68 | 460869.41 | 1230944.75 | 41.24 | 195° 54' 45" | 69 |
| 69 | 460829.75 | 1230933.44 | 54.96 | 165° 1' 15" | 70 |
| 70 | 460776.66 | 1230947.65 | 76.9 | 173° 43' 17" | 71 |
| 71 | 460700.22 | 1230956.06 | 113.7 | 187° 33' 38" | 72 |
| 72 | 460587.51 | 1230941.1 | 83.64 | 186° 9' 47" | 73 |
| 73 | 460504.35 | 1230932.12 | 98.13 | 217° 26' 36" | 74 |
| 74 | 460426.44 | 1230872.46 | 85.06 | 183° 42' 3" | 75 |
| 75 | 460341.56 | 1230866.97 | 59.68 | 215° 20' 28" | 76 |
| 76 | 460292.88 | 1230832.45 | 110.88 | 214° 24' 8" | 77 |
| 77 | 460201.39 | 1230769.8 | 0 | 200° 44' 37" | 78 |
| 78 | 460201.39 | 1230769.8 | 157.45 | 191° 22' 12" | 79 |
| 79 | 460047.03 | 1230738.76 | 59.5 | 206° 45' 1" | 80 |
| 80 | 459993.9 | 1230711.98 | 147.15 | 177° 44' 28" | 81 |
| 81 | 459846.86 | 1230717.78 | 162.55 | 180° 44' 50" | 82 |
| 82 | 459684.32 | 1230715.66 | 297.33 | 95° 6' 53" | 83 |
| 83 | 459657.81 | 1231011.81 | 295.72 | 161° 35' 0" | 84 |
| 84 | 459377.24 | 1231105.23 | 95.49 | 156° 36' 30" | 85 |
| 85 | 459289.6 | 1231143.14 | 283.96 | 156° 34' 20" | 86 |
| 86 | 459029.05 | 1231256.04 | 117.73 | 155° 42' 36" | 87 |
| 87 | 458921.74 | 1231304.47 | 40.11 | 229° 40' 17" | 88 |
| 88 | 458895.78 | 1231273.89 | 401.91 | 151° 11' 32" | 89 |
| 89 | 458543.61 | 1231467.56 | 55.37 | 158° 53' 39" | 90 |
| 90 | 458491.95 | 1231487.5 | 46.2 | 231° 46' 5" | 91 |
| 91 | 458463.36 | 1231451.21 | 95.7 | 241° 48' 34" | 92 |
| 92 | 458418.15 | 1231366.86 | 112.67 | 241° 30' 47" | 93 |
| 93 | 458364.41 | 1231267.83 | 114.44 | 240° 26' 0" | 94 |
| 94 | 458307.94 | 1231168.29 | 120.1 | 239° 54' 7" | 95 |
| 95 | 458247.71 | 1231064.38 | 93.65 | 239° 57' 19" | 96 |
| 96 | 458200.82 | 1230983.31 | 25.89 | 239° 56' 22" | 97 |
| 97 | 458187.85 | 1230960.9 | 297.87 | 338° 51' 42" | 98 |
| 98 | 458465.68 | 1230853.48 | 244.04 | 339° 44' 39" | 99 |
| 99 | 458694.63 | 1230768.99 | 281.59 | 326° 39' 46" | 100 |
| 100 | 458929.88 | 1230614.24 | 388.55 | 329° 49' 50" | 101 |
| 101 | 459265.8 | 1230418.97 | 209.74 | 338° 35' 28" | 102 |
| 102 | 459461.07 | 1230342.41 | 322 | 321° 11' 14" | 103 |
| 103 | 459711.97 | 1230140.59 | 173.28 | 321° 23' 21" | 104 |
| 104 | 459847.37 | 1230032.46 | 137.73 | 337° 42' 18" | 105 |
| 105 | 459974.8 | 1229980.21 | 35.17 | 285° 18' 6" | 106 |
| 106 | 459984.08 | 1229946.29 | 59.89 | 261° 53' 13" | 107 |
| 107 | 459975.63 | 1229887 | 105.72 | 264° 12' 46" | 108 |
| 108 | 459964.97 | 1229781.82 | 137.98 | 339° 32' 56" | 109 |
| 109 | 460094.25 | 1229733.61 | 146.01 | 326° 10' 42" | 110 |
| 110 | 460215.55 | 1229652.34 | 205.45 | 316° 36' 48" | 111 |
| 111 | 460364.86 | 1229511.21 | 146.1 | 312° 10' 45" | 112 |
| 112 | 460462.96 | 1229402.94 | 172.52 | 183° 21' 36" | 113 |
| 113 | 460290.74 | 1229392.83 | 85.97 | 235° 44' 7" | 114 |
| 114 | 460242.34 | 1229321.78 | 114.86 | 235° 44' 7" | 115 |
| 115 | 460177.66 | 1229226.85 | 21.73 | 235° 44' 7" | 116 |
| 116 | 460165.43 | 1229208.89 | 112.32 | 177° 12' 13" | 117 |
| 117 | 460053.24 | 1229214.37 | 513.39 | 268° 5' 20" | 118 |
| 118 | 460036.12 | 1228701.27 | 26.3 | 349° 1' 9" | 119 |
| 119 | 460061.94 | 1228696.26 | 75.71 | 327° 1' 55" | 120 |
| 120 | 460125.46 | 1228655.06 | 205.83 | 325° 15' 2" | 121 |
| 121 | 460294.58 | 1228537.74 | 75.24 | 254° 38' 22" | 122 |
| 122 | 460274.65 | 1228465.19 | 50.73 | 215° 50' 56" | 123 |
| 123 | 460233.53 | 1228435.48 | 18.86 | 242° 17' 38" | 124 |
| 124 | 460224.76 | 1228418.78 | 50.87 | 213° 31' 40" | 125 |
| 125 | 460182.35 | 1228390.68 | 23.45 | 237° 53' 46" | 126 |
| 126 | 460169.89 | 1228370.82 | 50.04 | 256° 28' 39" | 127 |
| 127 | 460158.19 | 1228322.17 | 42.47 | 225° 22' 54" | 128 |
| 128 | 460128.36 | 1228291.94 | 64.05 | 266° 7' 24" | 129 |
| 129 | 460124.03 | 1228228.04 | 66.25 | 216° 8' 49" | 130 |
| 130 | 460070.53 | 1228188.96 | 5.34 | 268° 4' 12" | 131 |
| 131 | 460070.35 | 1228183.62 | 55.1 | 268° 16' 25" | 132 |
| 132 | 460068.69 | 1228128.55 | 17.45 | 268° 19' 39" | 133 |
| 133 | 460068.18 | 1228111.1 | 92.23 | 324° 33' 55" | 134 |
| 134 | 460143.33 | 1228057.63 | 603.14 | 318° 23' 41" | 135 |
| 135 | 460594.32 | 1227657.15 | 258.99 | 353° 12' 36" | 136 |
| 136 | 460851.49 | 1227626.53 | 111.18 | 353° 25' 13" | 137 |
| 137 | 460961.94 | 1227613.79 | 160.98 | 261° 40' 39" | 138 |
| 138 | 460938.64 | 1227454.51 | 125.21 | 351° 30' 13" | 139 |
| 139 | 461062.48 | 1227436.01 | 62.36 | 18° 31' 51" | 140 |
| 140 | 461121.61 | 1227455.83 | 43.43 | 241° 9' 25" | 141 |
| 141 | 461100.66 | 1227417.79 | 81.35 | 225° 4' 47" | 142 |
| 142 | 461043.22 | 1227360.19 | 57.99 | 348° 57' 20" | 143 |
| 143 | 461100.14 | 1227349.08 | 136.64 | 21° 23' 50" | 144 |
| 144 | 461227.36 | 1227398.93 | 164.05 | 15° 13' 41" | 145 |
| 145 | 461385.65 | 1227442.02 | 47.46 | 283° 21' 57" | 146 |
| 146 | 461396.62 | 1227395.85 | 134.33 | 278° 57' 19" | 147 |
| 147 | 461417.53 | 1227263.16 | 11.16 | 356° 30' 25" | 148 |
| 148 | 461428.67 | 1227262.48 | 181.49 | 57° 4' 43" | 149 |
| 149 | 461527.31 | 1227414.83 | 40.43 | 108° 47' 4" | 150 |
| 150 | 461514.29 | 1227453.11 | 16.52 | 140° 34' 35" | 151 |
| 151 | 461501.53 | 1227463.6 | 31.54 | 28° 25' 4" | 152 |
| 152 | 461529.27 | 1227478.61 | 85.54 | 11° 30' 16" | 153 |
| 153 | 461613.09 | 1227495.67 | 42.07 | 0° 55' 34" | 154 |
| 154 | 461655.15 | 1227496.35 | 36.69 | 329° 47' 39" | 155 |
| 155 | 461686.86 | 1227477.89 | 23.21 | 306° 39' 45" | 156 |
| 156 | 461700.72 | 1227459.27 | 11.8 | 27° 57' 19" | 157 |
| 157 | 461711.14 | 1227464.8 | 34.79 | 54° 8' 6" | 158 |
| 158 | 461731.52 | 1227492.99 | 58.88 | 31° 20' 39" | 159 |
| 159 | 461781.81 | 1227523.62 | 31.74 | 10° 14' 14" | 160 |
| 160 | 461813.04 | 1227529.26 | 29.01 | 359° 42' 13" | 161 |
| 161 | 461842.05 | 1227529.11 | 32.57 | 0° 28' 30" | 162 |
| 162 | 461874.62 | 1227529.38 | 48.48 | 8° 15' 56" | 163 |
| 163 | 461922.6 | 1227536.35 | 62.93 | 280° 9' 36" | 164 |
| 164 | 461933.7 | 1227474.41 | 189.21 | 36° 16' 31" | 165 |
| 165 | 462086.24 | 1227586.36 | 193.78 | 328° 50' 35" | 166 |
| 166 | 462252.07 | 1227486.1 | 323.63 | 313° 13' 19" | 167 |
| 167 | 462473.7 | 1227250.27 | 135.94 | 215° 13' 9" | 168 |
| 168 | 462362.64 | 1227171.87 | 91.86 | 313° 53' 50" | 169 |
| 169 | 462426.33 | 1227105.68 | 102.6 | 255° 31' 20" | 170 |
| 170 | 462400.68 | 1227006.34 | 61.1 | 16° 29' 11" | 171 |
| 171 | 462459.27 | 1227023.68 | 17.86 | 254° 8' 33" | 172 |
| 172 | 462454.39 | 1227006.5 | 67.37 | 254° 7' 25" | 173 |
| 173 | 462435.96 | 1226941.7 | 6.6 | 254° 5' 25" | 174 |
| 174 | 462434.15 | 1226935.35 | 22.7 | 213° 30' 4" | 175 |
| 175 | 462415.22 | 1226922.82 | 111.74 | 255° 30' 35" | 176 |
| 176 | 462387.26 | 1226814.63 | 21.84 | 202° 33' 40" | 177 |
| 177 | 462367.09 | 1226806.25 | 81.75 | 248° 15' 7" | 178 |
| 178 | 462336.8 | 1226730.32 | 135.9 | 277° 16' 47" | 179 |
| 179 | 462354.02 | 1226595.52 | 83.84 | 287° 22' 41" | 180 |
| 180 | 462379.06 | 1226515.51 | 156.02 | 244° 24' 20" | 181 |
| 181 | 462311.66 | 1226374.8 | 124 | 6° 21' 25" | 182 |
| 182 | 462434.9 | 1226388.53 | 4.42 | 271° 25' 32" | 183 |
| 183 | 462435.01 | 1226384.11 | 21.09 | 270° 26' 4" | 184 |
| 184 | 462435.17 | 1226363.02 | 31.58 | 270° 27' 14" | 185 |
| 185 | 462435.42 | 1226331.44 | 12.98 | 270° 26' 28" | 186 |
| 186 | 462435.52 | 1226318.46 | 192.68 | 202° 58' 34" | 187 |
| 187 | 462258.13 | 1226243.25 | 162.71 | 202° 52' 16" | 188 |
| 188 | 462108.21 | 1226180.01 | 112.69 | 105° 31' 25" | 189 |
| 189 | 462078.05 | 1226288.59 | 609.31 | 213° 42' 6" | 190 |
| 190 | 461571.14 | 1225950.5 | 228.1 | 296° 2' 58" | 191 |
| 191 | 461671.31 | 1225745.57 | 315.86 | 353° 48' 2" | 192 |
| 192 | 461985.32 | 1225711.46 | 156.38 | 318° 39' 20" | 193 |
| 193 | 462102.72 | 1225608.16 | 64.54 | 193° 3' 23" | 194 |
| 194 | 462039.85 | 1225593.58 | 102.38 | 279° 44' 45" | 195 |
| 195 | 462057.18 | 1225492.68 | 102.03 | 278° 50' 24" | 196 |
| 196 | 462072.86 | 1225391.86 | 34.85 | 278° 3' 54" | 197 |
| 197 | 462077.75 | 1225357.35 | 72.41 | 261° 21' 59" | 198 |
| 198 | 462066.88 | 1225285.76 | 210.1 | 190° 48' 32" | 199 |
| 199 | 461860.51 | 1225246.36 | 139.92 | 274° 25' 22" | 200 |
| 200 | 461871.3 | 1225106.86 | 201.89 | 271° 18' 30" | 201 |
| 201 | 461875.91 | 1224905.02 | 90.87 | 270° 9' 50" | 202 |
| 202 | 461876.17 | 1224814.15 | 88.89 | 252° 19' 53" | 203 |
| 203 | 461849.19 | 1224729.45 | 119.27 | 264° 12' 23" | 204 |
| 204 | 461837.15 | 1224610.79 | 186.76 | 236° 6' 48" | 205 |
| 205 | 461733.02 | 1224455.75 | 121.05 | 143° 3' 57" | 206 |
| 206 | 461636.26 | 1224528.49 | 62.76 | 231° 43' 46" | 207 |
| 207 | 461597.39 | 1224479.22 | 23.62 | 231° 43' 23" | 208 |
| 208 | 461582.76 | 1224460.68 | 29.55 | 231° 44' 2" | 209 |
| 209 | 461564.46 | 1224437.48 | 54.46 | 232° 24' 53" | 210 |
| 210 | 461531.24 | 1224394.32 | 5.02 | 224° 11' 38" | 211 |
| 211 | 461527.64 | 1224390.82 | 163.49 | 225° 15' 55" | 212 |
| 212 | 461412.57 | 1224274.68 | 19.18 | 224° 19' 25" | 213 |
| 213 | 461398.85 | 1224261.28 | 58.1 | 225° 59' 25" | 214 |
| 214 | 461358.48 | 1224219.49 | 151.87 | 317° 43' 46" | 215 |
| 215 | 461470.86 | 1224117.34 | 101.49 | 222° 44' 10" | 216 |
| 216 | 461396.32 | 1224048.47 | 53.88 | 222° 44' 5" | 217 |
| 217 | 461356.74 | 1224011.9 | 141.06 | 173° 35' 51" | 218 |
| 218 | 461216.56 | 1224027.63 | 66.83 | 127° 10' 49" | 219 |
| 219 | 461176.17 | 1224080.88 | 32.53 | 153° 24' 41" | 220 |
| 220 | 461147.08 | 1224095.44 | 0.13 | 237° 31' 22" | 221 |
| 221 | 461147.01 | 1224095.33 | 40.17 | 153° 35' 17" | 222 |
| 222 | 461111.03 | 1224113.2 | 30 | 153° 23' 1" | 223 |
| 223 | 461084.21 | 1224126.64 | 6.47 | 153° 21' 20" | 224 |
| 224 | 461078.43 | 1224129.54 | 41.07 | 153° 24' 59" | 225 |
| 225 | 461041.7 | 1224147.92 | 83.46 | 131° 19' 3" | 226 |
| 226 | 460986.6 | 1224210.6 | 122.08 | 97° 16' 48" | 227 |
| 227 | 460971.13 | 1224331.7 | 107.87 | 149° 52' 44" | 228 |
| 228 | 460877.83 | 1224385.83 | 117.64 | 120° 49' 45" | 229 |
| 229 | 460817.54 | 1224486.85 | 20.73 | 47° 33' 40" | 230 |
| 230 | 460831.53 | 1224502.15 | 12.73 | 47° 7' 57" | 231 |
| 231 | 460840.19 | 1224511.48 | 0.9 | 81° 3' 25" | 232 |
| 232 | 460840.33 | 1224512.37 | 0.64 | 354° 38' 27" | 233 |
| 233 | 460840.97 | 1224512.31 | 1.86 | 46° 45' 12" | 234 |
| 234 | 460842.24 | 1224513.66 | 74.42 | 46° 48' 27" | 235 |
| 235 | 460893.18 | 1224567.92 | 59.52 | 46° 27' 0" | 236 |
| 236 | 460934.19 | 1224611.06 | 29.83 | 58° 44' 23" | 237 |
| 237 | 460949.67 | 1224636.56 | 95.77 | 34° 23' 25" | 238 |
| 238 | 461028.7 | 1224690.65 | 32.56 | 10° 58' 35" | 239 |
| 239 | 461060.66 | 1224696.85 | 46.16 | 40° 4' 54" | 240 |
| 240 | 461095.98 | 1224726.57 | 16.57 | 85° 9' 44" | 241 |
| 241 | 461097.37 | 1224743.08 | 0.05 | 145° 28' 19" | 242 |
| 242 | 461097.33 | 1224743.11 | 23.7 | 152° 41' 59" | 243 |
| 243 | 461076.27 | 1224753.98 | 11.44 | 172° 12' 36" | 244 |
| 244 | 461064.94 | 1224755.53 | 68.56 | 56° 54' 37" | 245 |
| 245 | 461102.37 | 1224812.97 | 193.11 | 123° 31' 8" | 246 |
| 246 | 460995.73 | 1224973.97 | 76.57 | 41° 48' 47" | 247 |
| 247 | 461052.8 | 1225025.02 | 27.72 | 91° 15' 40" | 248 |
| 248 | 461052.19 | 1225052.73 | 57.11 | 5° 57' 1" | 249 |
| 249 | 461108.99 | 1225058.65 | 129.74 | 0° 41' 36" | 250 |
| 250 | 461238.72 | 1225060.22 | 144.59 | 358° 19' 53" | 251 |
| 251 | 461383.25 | 1225056.01 | 86.08 | 349° 16' 53" | 252 |
| 252 | 461467.83 | 1225040 | 106.64 | 357° 1' 39" | 253 |
| 253 | 461574.33 | 1225034.47 | 158.87 | 78° 50' 31" | 254 |
| 254 | 461605.07 | 1225190.33 | 6.26 | 5° 54' 10" | 255 |
| 255 | 461611.3 | 1225190.98 | 21.92 | 94° 41' 54" | 256 |
| 256 | 461609.51 | 1225212.83 | 86.51 | 78° 53' 33" | 257 |
| 257 | 461626.17 | 1225297.71 | 39.11 | 12° 14' 43" | 258 |
| 258 | 461664.39 | 1225306.01 | 11.53 | 99° 41' 54" | 259 |
| 259 | 461662.44 | 1225317.38 | 50.16 | 19° 53' 55" | 260 |
| 260 | 461709.61 | 1225334.45 | 232.67 | 10° 19' 10" | 261 |
| 261 | 461938.52 | 1225376.13 | 58.2 | 134° 35' 46" | 262 |
| 262 | 461897.66 | 1225417.57 | 421.01 | 187° 12' 41" | 263 |
| 263 | 461479.98 | 1225364.72 | 111.02 | 130° 9' 59" | 264 |
| 264 | 461408.37 | 1225449.56 | 89.73 | 125° 33' 57" | 265 |
| 265 | 461356.18 | 1225522.55 | 169.58 | 62° 2' 35" | 266 |
| 266 | 461435.68 | 1225672.34 | 171.02 | 74° 49' 13" | 267 |
| 267 | 461480.46 | 1225837.39 | 150.65 | 80° 34' 31" | 268 |
| 268 | 461505.13 | 1225986.01 | 61.52 | 42° 44' 50" | 269 |
| 269 | 461550.31 | 1226027.77 | 263.2 | 119° 4' 36" | 270 |
| 270 | 461422.4 | 1226257.8 | 238.13 | 225° 9' 17" | 271 |
| 271 | 461254.47 | 1226088.96 | 117.44 | 278° 1' 44" | 272 |
| 272 | 461270.87 | 1225972.67 | 71.6 | 241° 27' 48" | 273 |
| 273 | 461236.67 | 1225909.77 | 76.52 | 241° 20' 50" | 274 |
| 274 | 461199.98 | 1225842.62 | 173.38 | 144° 10' 53" | 275 |
| 275 | 461059.39 | 1225944.09 | 76.65 | 167° 39' 39" | 276 |
| 276 | 460984.51 | 1225960.47 | 22.29 | 180° 33' 56" | 277 |
| 277 | 460962.22 | 1225960.25 | 139.94 | 179° 37' 37" | 278 |
| 278 | 460822.28 | 1225961.16 | 134.81 | 189° 2' 39" | 279 |
| 279 | 460689.15 | 1225939.97 | 153.38 | 125° 31' 8" | 280 |
| 280 | 460600.04 | 1226064.81 | 85.51 | 177° 18' 44" | 281 |
| 281 | 460514.62 | 1226068.82 | 52.9 | 177° 31' 47" | 282 |
| 282 | 460461.77 | 1226071.1 | 4.2 | 182° 57' 35" | 283 |
| 283 | 460457.57 | 1226070.88 | 136.22 | 182° 57' 35" | 284 |
| 284 | 460321.54 | 1226063.85 | 13.96 | 149° 29' 53" | 285 |
| 285 | 460309.51 | 1226070.94 | 30.93 | 149° 29' 53" | 286 |
| 286 | 460282.87 | 1226086.63 | 91.12 | 149° 29' 53" | 287 |
| 287 | 460204.36 | 1226132.88 | 18.1 | 125° 19' 54" | 288 |
| 288 | 460193.89 | 1226147.65 | 27.51 | 125° 20' 12" | 289 |
| 289 | 460177.98 | 1226170.09 | 60.83 | 125° 19' 51" | 290 |
| 290 | 460142.8 | 1226219.72 | 96.71 | 169° 44' 34" | 291 |
| 291 | 460047.64 | 1226236.94 | 149 | 80° 14' 35" | 292 |
| 292 | 460072.89 | 1226383.78 | 55.61 | 80° 14' 59" | 293 |
| 293 | 460082.31 | 1226438.59 | 116.97 | 166° 15' 26" | 294 |
| 294 | 459968.68 | 1226466.37 | 45.08 | 132° 58' 0" | 295 |
| 295 | 459937.96 | 1226499.36 | 47.23 | 136° 41' 24" | 296 |
| 296 | 459903.59 | 1226531.76 | 74.05 | 136° 41' 7" | 297 |
| 297 | 459849.71 | 1226582.56 | 204.38 | 100° 14' 32" | 298 |
| 298 | 459813.37 | 1226783.68 | 84.37 | 111° 37' 48" | 299 |
| 299 | 459782.27 | 1226862.11 | 62.07 | 111° 38' 31" | 300 |
| 300 | 459759.38 | 1226919.8 | 63.99 | 108° 50' 10" | 301 |
| 301 | 459738.72 | 1226980.36 | 243.39 | 176° 37' 37" | 302 |
| 302 | 459495.75 | 1226994.68 | 108.02 | 212° 16' 29" | 303 |
| 303 | 459404.42 | 1226937 | 90.91 | 216° 18' 36" | 304 |
| 304 | 459331.16 | 1226883.16 | 24.16 | 94° 13' 42" | 305 |
| 305 | 459329.38 | 1226907.26 | 38.9 | 94° 29' 57" | 306 |
| 306 | 459326.33 | 1226946.04 | 116.64 | 94° 32' 45" | 307 |
| 307 | 459317.08 | 1227062.31 | 105.35 | 94° 31' 55" | 308 |
| 308 | 459308.76 | 1227167.33 | 115.55 | 94° 32' 27" | 309 |
| 309 | 459299.61 | 1227282.51 | 18.6 | 94° 58' 0" | 310 |
| 310 | 459298 | 1227301.04 | 120.05 | 8° 53' 3" | 311 |
| 311 | 459416.61 | 1227319.58 | 178.3 | 98° 11' 59" | 312 |
| 312 | 459391.18 | 1227496.06 | 114.04 | 198° 30' 46" | 313 |
| 313 | 459283.04 | 1227459.85 | 175.22 | 106° 56' 30" | 314 |
| 314 | 459231.98 | 1227627.47 | 128.03 | 348° 4' 23" | 315 |
| 315 | 459357.25 | 1227601.01 | 171.59 | 355° 19' 36" | 316 |
| 316 | 459528.27 | 1227587.03 | 5.07 | 355° 14' 44" | 317 |
| 317 | 459533.32 | 1227586.61 | 143.22 | 355° 18' 51" | 318 |
| 318 | 459676.06 | 1227574.91 | 350.89 | 309° 34' 57" | 319 |
| 319 | 459899.64 | 1227304.48 | 231.53 | 322° 17' 0" | 320 |
| 320 | 460082.79 | 1227162.84 | 98.67 | 322° 52' 16" | 321 |
| 321 | 460161.46 | 1227103.28 | 157.19 | 345° 9' 37" | 322 |
| 322 | 460313.41 | 1227063.02 | 149.88 | 345° 8' 49" | 323 |
| 323 | 460458.28 | 1227024.6 | 40.87 | 74° 58' 3" | 324 |
| 324 | 460468.88 | 1227064.07 | 176.99 | 157° 44' 19" | 325 |
| 325 | 460305.08 | 1227131.12 | 74.76 | 157° 44' 26" | 326 |
| 326 | 460235.89 | 1227159.44 | 141.09 | 140° 35' 49" | 327 |
| 327 | 460126.87 | 1227249 | 3.08 | 46° 34' 35" | 328 |
| 328 | 460128.99 | 1227251.24 | 7.77 | 136° 36' 57" | 329 |
| 329 | 460123.34 | 1227256.58 | 3.63 | 226° 27' 11" | 330 |
| 330 | 460120.84 | 1227253.95 | 41.53 | 140° 35' 56" | 331 |
| 331 | 460088.75 | 1227280.31 | 188.44 | 140° 31' 55" | 332 |
| 332 | 459943.28 | 1227400.09 | 21.58 | 116° 44' 35" | 333 |
| 333 | 459933.57 | 1227419.36 | 88.8 | 116° 37' 43" | 334 |
| 334 | 459893.77 | 1227498.74 | 101.26 | 116° 36' 20" | 335 |
| 335 | 459848.42 | 1227589.28 | 45.35 | 162° 1' 14" | 336 |
| 336 | 459805.28 | 1227603.28 | 58.07 | 161° 34' 39" | 337 |
| 337 | 459750.19 | 1227621.63 | 269.05 | 169° 51' 18" | 338 |
| 338 | 459485.35 | 1227669.02 | 5.29 | 169° 52' 46" | 339 |
| 339 | 459480.14 | 1227669.95 | 94.22 | 169° 50' 45" | 340 |
| 340 | 459387.4 | 1227686.56 | 123.66 | 73° 7' 6" | 341 |
| 341 | 459423.31 | 1227804.89 | 80.12 | 73° 42' 17" | 342 |
| 342 | 459445.79 | 1227881.79 | 57.76 | 343° 14' 3" | 343 |
| 343 | 459501.09 | 1227865.13 | 38.66 | 68° 58' 39" | 344 |
| 344 | 459514.96 | 1227901.22 | 61.06 | 151° 49' 39" | 345 |
| 345 | 459461.13 | 1227930.05 | 0.53 | 111° 12' 0" | 346 |
| 346 | 459460.94 | 1227930.54 | 47.14 | 64° 23' 10" | 347 |
| 347 | 459481.32 | 1227973.05 | 13 | 64° 52' 27" | 348 |
| 348 | 459486.84 | 1227984.82 | 57.98 | 65° 14' 36" | 349 |
| 349 | 459511.12 | 1228037.47 | 57.27 | 149° 28' 21" | 350 |
| 350 | 459461.79 | 1228066.56 | 180.04 | 65° 56' 37" | 351 |
| 351 | 459535.18 | 1228230.96 | 158.99 | 62° 22' 16" | 352 |
| 352 | 459608.91 | 1228371.82 | 379 | 32° 58' 32" | 353 |
| 353 | 459926.85 | 1228578.1 | 95.05 | 111° 20' 49" | 354 |
| 354 | 459892.25 | 1228666.63 | 65.32 | 171° 11' 7" | 355 |
| 355 | 459827.7 | 1228676.64 | 260.05 | 112° 37' 29" | 356 |
| 356 | 459727.66 | 1228916.68 | 333.62 | 152° 22' 19" | 357 |
| 357 | 459432.08 | 1229071.39 | 77.34 | 124° 26' 32" | 358 |
| 358 | 459388.34 | 1229135.17 | 83.17 | 137° 23' 50" | 359 |
| 359 | 459327.12 | 1229191.47 | 100.55 | 131° 9' 41" | 360 |
| 360 | 459260.94 | 1229267.17 | 128.46 | 103° 18' 45" | 361 |
| 361 | 459231.36 | 1229392.18 | 73.67 | 102° 23' 1" | 362 |
| 362 | 459215.56 | 1229464.14 | 330.68 | 141° 20' 10" | 363 |
| 363 | 458957.36 | 1229670.73 | 0.58 | 110° 19' 29" | 364 |
| 364 | 458957.16 | 1229671.27 | 16.1 | 79° 58' 54" | 365 |
| 365 | 458959.96 | 1229687.12 | 92.4 | 65° 34' 25" | 366 |
| 366 | 458998.17 | 1229771.25 | 16.79 | 77° 13' 50" | 367 |
| 367 | 459001.88 | 1229787.62 | 84.92 | 87° 43' 8" | 368 |
| 368 | 459005.26 | 1229872.47 | 89.6 | 73° 15' 33" | 369 |
| 369 | 459031.07 | 1229958.27 | 30.06 | 349° 6' 2" | 370 |
| 370 | 459060.58 | 1229952.59 | 75.77 | 72° 56' 18" | 371 |
| 371 | 459082.81 | 1230025.02 | 48.42 | 164° 1' 12" | 372 |
| 372 | 459036.26 | 1230038.35 | 208.56 | 255° 30' 0" | 373 |
| 373 | 458984.04 | 1229836.43 | 64.19 | 265° 22' 17" | 374 |
| 374 | 458978.86 | 1229772.45 | 99.55 | 248° 58' 40" | 375 |
| 375 | 458943.15 | 1229679.53 | 214.23 | 141° 49' 41" | 376 |
| 376 | 458774.73 | 1229811.93 | 222.86 | 233° 54' 53" | 377 |
| 377 | 458643.47 | 1229631.83 | 213.56 | 337° 13' 23" | 378 |
| 378 | 458840.38 | 1229549.15 | 82.46 | 232° 3' 31" | 379 |
| 379 | 458789.68 | 1229484.12 | 140.38 | 187° 18' 33" | 380 |
| 380 | 458650.44 | 1229466.26 | 431.57 | 174° 4' 20" | 381 |
| 381 | 458221.18 | 1229510.83 | 198.5 | 167° 17' 59" | 382 |
| 382 | 458027.54 | 1229554.47 | 207.55 | 159° 9' 11" | 383 |
| 383 | 457833.57 | 1229628.33 | 502.09 | 152° 7' 3" | 384 |
| 384 | 457389.78 | 1229863.14 | 655.9 | 187° 50' 49" | 385 |
| 385 | 456740.02 | 1229773.59 | 192.89 | 181° 41' 47" | 386 |
| 386 | 456547.21 | 1229767.88 | 74.4 | 297° 30' 56" | 387 |
| 387 | 456581.58 | 1229701.9 | 67.68 | 297° 31' 9" | 388 |
| 388 | 456612.85 | 1229641.88 | 154.12 | 297° 28' 10" | 389 |
| 389 | 456683.94 | 1229505.14 | 222.09 | 297° 28' 48" | 390 |
| 390 | 456786.42 | 1229308.11 | 58.12 | 304° 22' 15" | 391 |
| 391 | 456819.23 | 1229260.14 | 94.08 | 287° 0' 28" | 392 |
| 392 | 456846.75 | 1229170.17 | 253.21 | 328° 56' 14" | 393 |
| 393 | 457063.65 | 1229039.52 | 90.96 | 326° 9' 41" | 394 |
| 394 | 457139.2 | 1228988.87 | 126.47 | 323° 55' 32" | 395 |
| 395 | 457241.42 | 1228914.4 | 67.86 | 324° 18' 1" | 396 |
| 396 | 457296.53 | 1228874.8 | 303.24 | 327° 34' 57" | 397 |
| 397 | 457552.51 | 1228712.24 | 8.17 | 6° 36' 11" | 398 |
| 398 | 457560.63 | 1228713.18 | 116.73 | 324° 38' 32" | 399 |
| 399 | 457655.83 | 1228645.63 | 159.85 | 278° 33' 34" | 400 |
| 400 | 457679.62 | 1228487.56 | 86.37 | 257° 46' 17" | 401 |
| 401 | 457661.33 | 1228403.15 | 101.24 | 236° 30' 4" | 402 |
| 402 | 457605.45 | 1228318.72 | 59.45 | 314° 8' 16" | 403 |
| 403 | 457646.85 | 1228276.06 | 138.83 | 314° 21' 2" | 404 |
| 404 | 457743.9 | 1228176.78 | 177.61 | 237° 18' 2" | 405 |
| 405 | 457647.95 | 1228027.32 | 106.03 | 247° 35' 26" | 406 |
| 406 | 457607.53 | 1227929.3 | 40.53 | 302° 4' 1" | 407 |
| 407 | 457629.05 | 1227894.95 | 136.12 | 10° 36' 33" | 408 |
| 408 | 457762.84 | 1227920.01 | 58.29 | 12° 41' 39" | 409 |
| 409 | 457819.71 | 1227932.82 | 73.23 | 284° 35' 59" | 410 |
| 410 | 457838.17 | 1227861.95 | 86.19 | 42° 52' 47" | 411 |
| 411 | 457901.33 | 1227920.6 | 36.25 | 47° 15' 29" | 412 |
| 412 | 457925.93 | 1227947.22 | 91.89 | 7° 21' 34" | 413 |
| 413 | 458017.06 | 1227958.99 | 48.46 | 328° 15' 5" | 414 |
| 414 | 458058.27 | 1227933.49 | 98.46 | 275° 32' 34" | 415 |
| 415 | 458067.78 | 1227835.49 | 116.81 | 338° 58' 26" | 416 |
| 416 | 458176.81 | 1227793.58 | 82.76 | 20° 36' 2" | 417 |
| 417 | 458254.28 | 1227822.7 | 263.67 | 24° 31' 26" | 418 |
| 418 | 458494.16 | 1227932.14 | 88.33 | 9° 12' 42" | 419 |
| 419 | 458581.35 | 1227946.28 | 161.38 | 359° 41' 36" | 420 |
| 420 | 458742.72 | 1227945.42 | 0.73 | 270° 21' 32" | 421 |
| 421 | 458742.73 | 1227944.68 | 7.3 | 0° 21' 25" | 422 |
| 422 | 458750.03 | 1227944.73 | 0.65 | 90° 21' 22" | 423 |
| 423 | 458750.02 | 1227945.38 | 97.82 | 359° 43' 31" | 424 |
| 424 | 458847.84 | 1227944.91 | 13.81 | 62° 53' 39" | 425 |
| 425 | 458854.13 | 1227957.21 | 60.96 | 13° 33' 43" | 426 |
| 426 | 458913.39 | 1227971.5 | 19.69 | 313° 36' 3" | 427 |
| 427 | 458926.97 | 1227957.24 | 176.01 | 313° 31' 36" | 428 |
| 428 | 459048.19 | 1227829.62 | 72.35 | 293° 46' 36" | 429 |
| 429 | 459077.36 | 1227763.41 | 276.04 | 190° 5' 54" | 430 |
| 430 | 458805.6 | 1227715.01 | 112.72 | 199° 38' 15" | 431 |
| 431 | 458699.44 | 1227677.13 | 159.17 | 182° 56' 32" | 432 |
| 432 | 458540.48 | 1227668.96 | 33.62 | 196° 28' 3" | 433 |
| 433 | 458508.24 | 1227659.43 | 35.48 | 177° 9' 25" | 434 |
| 434 | 458472.8 | 1227661.19 | 85.83 | 209° 4' 57" | 435 |
| 435 | 458397.79 | 1227619.47 | 190.5 | 190° 38' 43" | 436 |
| 436 | 458210.57 | 1227584.28 | 193.94 | 111° 57' 54" | 437 |
| 437 | 458138.03 | 1227764.14 | 146.2 | 166° 53' 40" | 438 |
| 438 | 457995.64 | 1227797.29 | 178.86 | 234° 14' 44" | 439 |
| 439 | 457891.13 | 1227652.14 | 153.92 | 201° 14' 37" | 440 |
| 440 | 457747.67 | 1227596.37 | 165.47 | 204° 53' 5" | 441 |
| 441 | 457597.56 | 1227526.74 | 295.22 | 232° 33' 2" | 442 |
| 442 | 457418.05 | 1227292.37 | 331.84 | 210° 46' 57" | 443 |
| 443 | 457132.96 | 1227122.54 | 57.38 | 292° 30' 8" | 444 |
| 444 | 457154.92 | 1227069.53 | 240.99 | 27° 18' 57" | 445 |
| 445 | 457369.04 | 1227180.12 | 131.27 | 39° 4' 57" | 446 |
| 446 | 457470.94 | 1227262.88 | 198.03 | 54° 43' 47" | 447 |
| 447 | 457585.29 | 1227424.56 | 170.55 | 32° 54' 16" | 448 |
| 448 | 457728.48 | 1227517.21 | 178.89 | 21° 3' 59" | 449 |
| 449 | 457895.41 | 1227581.51 | 141.8 | 351° 43' 13" | 450 |
| 450 | 458035.73 | 1227561.09 | 212.44 | 277° 24' 36" | 451 |
| 451 | 458063.13 | 1227350.43 | 119.78 | 315° 36' 39" | 452 |
| 452 | 458148.72 | 1227266.64 | 77.46 | 352° 32' 44" | 453 |
| 453 | 458225.53 | 1227256.59 | 191.46 | 40° 34' 23" | 454 |
| 454 | 458370.96 | 1227381.12 | 95.28 | 132° 50' 26" | 455 |
| 455 | 458306.17 | 1227450.98 | 13.61 | 210° 22' 19" | 456 |
| 456 | 458294.43 | 1227444.1 | 61.29 | 134° 7' 15" | 457 |
| 457 | 458251.76 | 1227488.1 | 9.65 | 48° 56' 13" | 458 |
| 458 | 458258.1 | 1227495.38 | 41.71 | 32° 29' 42" | 459 |
| 459 | 458293.28 | 1227517.78 | 150 | 21° 52' 15" | 460 |
| 460 | 458432.48 | 1227573.66 | 21.61 | 79° 46' 33" | 461 |
| 461 | 458436.32 | 1227594.93 | 15.77 | 91° 13' 43" | 462 |
| 462 | 458435.98 | 1227610.69 | 8 | 1° 12' 58" | 463 |
| 463 | 458443.98 | 1227610.86 | 16.53 | 271° 13' 24" | 464 |
| 464 | 458444.33 | 1227594.34 | 16.78 | 259° 33' 57" | 465 |
| 465 | 458441.29 | 1227577.83 | 42.43 | 25° 22' 10" | 466 |
| 466 | 458479.63 | 1227596.01 | 260.89 | 1° 37' 31" | 467 |
| 467 | 458740.42 | 1227603.41 | 396.75 | 2° 53' 17" | 468 |
| 468 | 459136.67 | 1227623.4 | 113 | 304° 50' 36" | 469 |
| 469 | 459201.23 | 1227530.66 | 358.77 | 273° 28' 15" | 470 |
| 470 | 459222.95 | 1227172.55 | 139.66 | 276° 30' 15" | 471 |
| 471 | 459238.77 | 1227033.79 | 40.95 | 276° 27' 50" | 472 |
| 472 | 459243.38 | 1226993.1 | 10.73 | 271° 20' 5" | 473 |
| 473 | 459243.63 | 1226982.37 | 364.11 | 271° 20' 21" | 474 |
| 474 | 459252.14 | 1226618.36 | 135.77 | 181° 41' 55" | 475 |
| 475 | 459116.42 | 1226614.34 | 114.02 | 274° 5' 17" | 476 |
| 476 | 459124.55 | 1226500.61 | 40.9 | 185° 28' 30" | 477 |
| 477 | 459083.84 | 1226496.7 | 21.37 | 186° 29' 17" | 478 |
| 478 | 459062.61 | 1226494.29 | 120.86 | 183° 22' 5" | 479 |
| 479 | 458941.96 | 1226487.19 | 7.75 | 183° 32' 11" | 480 |
| 480 | 458934.22 | 1226486.71 | 118.28 | 286° 41' 3" | 481 |
| 481 | 458968.18 | 1226373.41 | 127.49 | 299° 41' 14" | 482 |
| 482 | 459031.32 | 1226262.66 | 61.62 | 211° 35' 15" | 483 |
| 483 | 458978.83 | 1226230.38 | 104.94 | 307° 17' 25" | 484 |
| 484 | 459042.41 | 1226146.89 | 98.33 | 214° 2' 42" | 485 |
| 485 | 458960.93 | 1226091.84 | 41.51 | 207° 50' 5" | 486 |
| 486 | 458924.22 | 1226072.46 | 7.45 | 172° 22' 53" | 487 |
| 487 | 458916.84 | 1226073.45 | 3.95 | 126° 18' 50" | 488 |
| 488 | 458914.49 | 1226076.63 | 126.52 | 125° 51' 5" | 489 |
| 489 | 458840.4 | 1226179.18 | 20.24 | 127° 8' 34" | 490 |
| 490 | 458828.17 | 1226195.31 | 25.11 | 129° 18' 48" | 491 |
| 491 | 458812.26 | 1226214.74 | 10.49 | 141° 5' 58" | 492 |
| 492 | 458804.1 | 1226221.33 | 5.09 | 225° 57' 21" | 493 |
| 493 | 458800.56 | 1226217.67 | 15.91 | 125° 14' 1" | 494 |
| 494 | 458791.38 | 1226230.66 | 5.07 | 213° 21' 22" | 495 |
| 495 | 458787.15 | 1226227.88 | 6.8 | 124° 18' 28" | 496 |
| 496 | 458783.32 | 1226233.49 | 15.73 | 126° 4' 39" | 497 |
| 497 | 458774.06 | 1226246.21 | 6.2 | 215° 48' 22" | 498 |
| 498 | 458769.03 | 1226242.58 | 31.08 | 125° 21' 43" | 499 |
| 499 | 458751.04 | 1226267.93 | 15.41 | 109° 47' 55" | 500 |
| 500 | 458745.82 | 1226282.43 | 50.54 | 125° 33' 17" | 501 |
| 501 | 458716.43 | 1226323.55 | 98.62 | 110° 16' 1" | 502 |
| 502 | 458682.27 | 1226416.06 | 47.94 | 113° 32' 31" | 503 |
| 503 | 458663.12 | 1226460.01 | 65.86 | 108° 40' 32" | 504 |
| 504 | 458642.03 | 1226522.41 | 122.37 | 108° 54' 21" | 505 |
| 505 | 458602.38 | 1226638.18 | 141.16 | 101° 48' 4" | 506 |
| 506 | 458573.51 | 1226776.36 | 103.27 | 50° 25' 34" | 507 |
| 507 | 458639.3 | 1226855.96 | 111.38 | 94° 5' 53" | 508 |
| 508 | 458631.34 | 1226967.06 | 71.36 | 94° 10' 15" | 509 |
| 509 | 458626.15 | 1227038.23 | 106.76 | 176° 39' 55" | 510 |
| 510 | 458519.57 | 1227044.44 | 16.05 | 268° 34' 17" | 511 |
| 511 | 458519.17 | 1227028.4 | 6.35 | 176° 50' 24" | 512 |
| 512 | 458512.83 | 1227028.75 | 16.51 | 88° 3' 23" | 513 |
| 513 | 458513.39 | 1227045.25 | 126.03 | 176° 21' 39" | 514 |
| 514 | 458387.61 | 1227053.25 | 54.88 | 178° 15' 22" | 515 |
| 515 | 458332.76 | 1227054.92 | 95.05 | 175° 51' 19" | 516 |
| 516 | 458237.96 | 1227061.79 | 4.18 | 277° 16' 40" | 517 |
| 517 | 458238.49 | 1227057.64 | 336.03 | 275° 40' 37" | 518 |
| 518 | 458271.73 | 1226723.26 | 151.84 | 263° 25' 38" | 519 |
| 519 | 458254.35 | 1226572.42 | 19.86 | 263° 24' 30" | 520 |
| 520 | 458252.07 | 1226552.69 | 365.8 | 208° 53' 51" | 521 |
| 521 | 457931.82 | 1226375.92 | 169.69 | 198° 57' 38" | 522 |
| 522 | 457771.34 | 1226320.78 | 17.31 | 121° 9' 10" | 523 |
| 523 | 457762.38 | 1226335.6 | 7.48 | 121° 38' 37" | 524 |
| 524 | 457758.46 | 1226341.97 | 6.49 | 191° 2' 14" | 525 |
| 525 | 457752.09 | 1226340.72 | 15.89 | 99° 6' 23" | 526 |
| 526 | 457749.58 | 1226356.41 | 50.76 | 99° 3' 8" | 527 |
| 527 | 457741.59 | 1226406.54 | 24.04 | 192° 31' 24" | 528 |
| 528 | 457718.12 | 1226401.33 | 19.02 | 193° 20' 32" | 529 |
| 529 | 457699.61 | 1226396.94 | 50.71 | 169° 26' 37" | 530 |
| 530 | 457649.76 | 1226406.23 | 59.15 | 121° 29' 57" | 531 |
| 531 | 457618.85 | 1226456.67 | 63.22 | 109° 43' 25" | 532 |
| 532 | 457597.52 | 1226516.18 | 12.97 | 207° 23' 31" | 533 |
| 533 | 457586 | 1226510.21 | 149.88 | 194° 41' 9" | 534 |
| 534 | 457441.02 | 1226472.21 | 155.4 | 134° 36' 23" | 535 |
| 535 | 457331.89 | 1226582.85 | 65.71 | 135° 29' 13" | 536 |
| 536 | 457285.03 | 1226628.92 | 17.21 | 162° 29' 35" | 537 |
| 537 | 457268.62 | 1226634.1 | 21.94 | 162° 35' 14" | 538 |
| 538 | 457247.68 | 1226640.66 | 16.21 | 162° 28' 14" | 539 |
| 539 | 457232.22 | 1226645.55 | 26.34 | 96° 49' 48" | 540 |
| 540 | 457229.09 | 1226671.69 | 38.67 | 187° 15' 41" | 541 |
| 541 | 457190.73 | 1226666.81 | 30.3 | 279° 41' 3" | 542 |
| 542 | 457195.83 | 1226636.94 | 9.54 | 213° 37' 48" | 543 |
| 543 | 457187.89 | 1226631.65 | 35.27 | 110° 9' 2" | 544 |
| 544 | 457175.74 | 1226664.76 | 48.4 | 187° 26' 47" | 545 |
| 545 | 457127.74 | 1226658.49 | 0.79 | 187° 34' 0" | 546 |
| 546 | 457126.96 | 1226658.39 | 14.39 | 299° 37' 6" | 547 |
| 547 | 457134.07 | 1226645.88 | 49.47 | 195° 17' 41" | 548 |
| 548 | 457086.35 | 1226632.83 | 1.4 | 202° 42' 51" | 549 |
| 549 | 457085.06 | 1226632.29 | 20.92 | 202° 34' 9" | 550 |
| 550 | 457065.74 | 1226624.26 | 1.24 | 115° 19' 21" | 551 |
| 551 | 457065.21 | 1226625.38 | 25.43 | 84° 1' 27" | 552 |
| 552 | 457067.86 | 1226650.67 | 15.71 | 192° 21' 22" | 553 |
| 553 | 457052.51 | 1226647.31 | 79.43 | 186° 48' 13" | 554 |
| 554 | 456973.65 | 1226637.9 | 44.6 | 186° 47' 57" | 555 |
| 555 | 456929.36 | 1226632.62 | 23.51 | 186° 17' 59" | 556 |
| 556 | 456905.99 | 1226630.04 | 65.01 | 215° 12' 20" | 557 |
| 557 | 456852.87 | 1226592.56 | 35.43 | 215° 9' 59" | 558 |
| 558 | 456823.91 | 1226572.15 | 96.02 | 106° 8' 57" | 559 |
| 559 | 456797.2 | 1226664.39 | 0.52 | 126° 26' 22" | 560 |
| 560 | 456796.89 | 1226664.81 | 96.91 | 184° 4' 37" | 561 |
| 561 | 456700.23 | 1226657.92 | 104.26 | 269° 58' 41" | 562 |
| 562 | 456700.19 | 1226553.66 | 139.22 | 298° 6' 7" | 563 |
| 563 | 456765.77 | 1226430.85 | 41.47 | 274° 53' 48" | 564 |
| 564 | 456769.31 | 1226389.53 | 27 | 294° 1' 14" | 565 |
| 565 | 456780.3 | 1226364.87 | 12.85 | 313° 29' 10" | 566 |
| 566 | 456789.14 | 1226355.55 | 50.13 | 285° 21' 1" | 567 |
| 567 | 456802.41 | 1226307.21 | 13.46 | 218° 0' 7" | 568 |
| 568 | 456791.8 | 1226298.92 | 13.06 | 308° 50' 41" | 569 |
| 569 | 456799.99 | 1226288.75 | 9.61 | 277° 31' 54" | 570 |
| 570 | 456801.25 | 1226279.22 | 16.7 | 171° 58' 53" | 571 |
| 571 | 456784.71 | 1226281.55 | 12.55 | 249° 17' 2" | 572 |
| 572 | 456780.27 | 1226269.81 | 8.71 | 268° 52' 52" | 573 |
| 573 | 456780.1 | 1226261.1 | 17.03 | 268° 53' 25" | 574 |
| 574 | 456779.77 | 1226244.07 | 13.76 | 300° 14' 8" | 575 |
| 575 | 456786.7 | 1226232.18 | 8.66 | 202° 28' 39" | 576 |
| 576 | 456778.7 | 1226228.87 | 8.74 | 268° 37' 24" | 577 |
| 577 | 456778.49 | 1226220.13 | 9.87 | 313° 43' 37" | 578 |
| 578 | 456785.31 | 1226213 | 14.16 | 11° 24' 19" | 579 |
| 579 | 456799.19 | 1226215.8 | 30.75 | 274° 9' 31" | 580 |
| 580 | 456801.42 | 1226185.13 | 6.43 | 185° 21' 21" | 581 |
| 581 | 456795.02 | 1226184.53 | 16.14 | 137° 33' 41" | 582 |
| 582 | 456783.11 | 1226195.42 | 15.87 | 261° 18' 12" | 583 |
| 583 | 456780.71 | 1226179.73 | 6.61 | 313° 46' 24" | 584 |
| 584 | 456785.28 | 1226174.96 | 9.26 | 0° 14' 51" | 585 |
| 585 | 456794.54 | 1226175 | 10.85 | 262° 51' 20" | 586 |
| 586 | 456793.19 | 1226164.23 | 26.46 | 210° 50' 55" | 587 |
| 587 | 456770.47 | 1226150.66 | 10.4 | 279° 41' 20" | 588 |
| 588 | 456772.22 | 1226140.41 | 12.2 | 248° 18' 43" | 589 |
| 589 | 456767.71 | 1226129.07 | 10.64 | 306° 49' 37" | 590 |
| 590 | 456774.09 | 1226120.55 | 21.97 | 228° 31' 28" | 591 |
| 591 | 456759.54 | 1226104.09 | 43.33 | 290° 27' 3" | 592 |
| 592 | 456774.68 | 1226063.49 | 20.01 | 274° 38' 41" | 593 |
| 593 | 456776.3 | 1226043.55 | 10.66 | 243° 24' 39" | 594 |
| 594 | 456771.53 | 1226034.02 | 10.45 | 302° 32' 3" | 595 |
| 595 | 456777.15 | 1226025.21 | 10.71 | 222° 36' 56" | 596 |
| 596 | 456769.27 | 1226017.96 | 19.15 | 259° 8' 9" | 597 |
| 597 | 456765.66 | 1225999.15 | 22.46 | 176° 1' 4" | 598 |
| 598 | 456743.25 | 1226000.71 | 6.07 | 286° 45' 45" | 599 |
| 599 | 456745 | 1225994.9 | 19.14 | 233° 36' 10" | 600 |
| 600 | 456733.64 | 1225979.49 | 8.18 | 266° 34' 4" | 601 |
| 601 | 456733.15 | 1225971.32 | 10.69 | 326° 17' 43" | 602 |
| 602 | 456742.04 | 1225965.39 | 18.06 | 264° 41' 37" | 603 |
| 603 | 456740.37 | 1225947.41 | 13.91 | 284° 44' 45" | 604 |
| 604 | 456743.91 | 1225933.96 | 21.9 | 327° 6' 55" | 605 |
| 605 | 456762.3 | 1225922.07 | 10.68 | 288° 24' 3" | 606 |
| 606 | 456765.67 | 1225911.94 | 9.94 | 352° 22' 2" | 607 |
| 607 | 456775.52 | 1225910.62 | 3.44 | 291° 29' 31" | 608 |
| 608 | 456776.78 | 1225907.42 | 14.53 | 232° 51' 43" | 609 |
| 609 | 456768.01 | 1225895.84 | 7.92 | 288° 23' 20" | 610 |
| 610 | 456770.51 | 1225888.32 | 31.65 | 330° 10' 44" | 611 |
| 611 | 456797.97 | 1225872.58 | 6.89 | 290° 33' 57" | 612 |
| 612 | 456800.39 | 1225866.13 | 16.55 | 218° 4' 53" | 613 |
| 613 | 456787.36 | 1225855.92 | 8.35 | 283° 34' 14" | 614 |
| 614 | 456789.32 | 1225847.8 | 8.98 | 40° 15' 19" | 615 |
| 615 | 456796.17 | 1225853.6 | 17.48 | 306° 44' 43" | 616 |
| 616 | 456806.63 | 1225839.59 | 8.94 | 272° 53' 5" | 617 |
| 617 | 456807.08 | 1225830.66 | 15.72 | 327° 39' 17" | 618 |
| 618 | 456820.36 | 1225822.25 | 22.94 | 274° 42' 5" | 619 |
| 619 | 456822.24 | 1225799.39 | 8.9 | 12° 11' 38" | 620 |
| 620 | 456830.94 | 1225801.27 | 12.41 | 268° 56' 18" | 621 |
| 621 | 456830.71 | 1225788.86 | 9.27 | 329° 53' 41" | 622 |
| 622 | 456838.73 | 1225784.21 | 17.11 | 272° 24' 45" | 623 |
| 623 | 456839.45 | 1225767.12 | 23.74 | 293° 8' 29" | 624 |
| 624 | 456848.78 | 1225745.29 | 18.9 | 197° 37' 12" | 625 |
| 625 | 456830.77 | 1225739.57 | 29.89 | 292° 26' 19" | 626 |
| 626 | 456842.18 | 1225711.94 | 13.54 | 338° 52' 28" | 627 |
| 627 | 456854.81 | 1225707.06 | 17.83 | 9° 56' 54" | 628 |
| 628 | 456872.37 | 1225710.14 | 22.91 | 280° 52' 7" | 629 |
| 629 | 456876.69 | 1225687.64 | 22.99 | 333° 58' 12" | 630 |
| 630 | 456897.35 | 1225677.55 | 12.96 | 30° 49' 11" | 631 |
| 631 | 456908.48 | 1225684.19 | 18.98 | 330° 0' 15" | 632 |
| 632 | 456924.92 | 1225674.7 | 18.87 | 293° 1' 9" | 633 |
| 633 | 456932.3 | 1225657.33 | 11.55 | 44° 45' 16" | 634 |
| 634 | 456940.5 | 1225665.46 | 11.07 | 301° 21' 49" | 635 |
| 635 | 456946.26 | 1225656.01 | 9.7 | 248° 19' 49" | 636 |
| 636 | 456942.68 | 1225647 | 20.75 | 304° 31' 1" | 637 |
| 637 | 456954.44 | 1225629.9 | 10.65 | 269° 30' 57" | 638 |
| 638 | 456954.35 | 1225619.25 | 15.75 | 26° 6' 34" | 639 |
| 639 | 456968.49 | 1225626.18 | 18.4 | 267° 13' 41" | 640 |
| 640 | 456967.6 | 1225607.8 | 16.66 | 248° 6' 56" | 641 |
| 641 | 456961.39 | 1225592.34 | 25.95 | 300° 56' 0" | 642 |
| 642 | 456974.73 | 1225570.08 | 53.67 | 321° 41' 43" | 643 |
| 643 | 457016.85 | 1225536.81 | 15.3 | 350° 49' 16" | 644 |
| 644 | 457031.95 | 1225534.37 | 14.28 | 296° 0' 31" | 645 |
| 645 | 457038.21 | 1225521.54 | 32.29 | 269° 14' 13" | 646 |
| 646 | 457037.78 | 1225489.25 | 5.97 | 237° 2' 20" | 647 |
| 647 | 457034.53 | 1225484.24 | 0.15 | 305° 48' 57" | 648 |
| 648 | 457034.62 | 1225484.12 | 7.61 | 305° 48' 56" | 649 |
| 649 | 457039.07 | 1225477.95 | 34.69 | 261° 31' 44" | 650 |
| 650 | 457033.96 | 1225443.64 | 32.47 | 293° 57' 6" | 651 |
| 651 | 457047.14 | 1225413.97 | 14.03 | 318° 45' 24" | 652 |
| 652 | 457057.69 | 1225404.72 | 33.96 | 255° 47' 1" | 653 |
| 653 | 457049.35 | 1225371.8 | 14.85 | 285° 49' 25" | 654 |
| 654 | 457053.4 | 1225357.51 | 15.82 | 220° 46' 12" | 655 |
| 655 | 457041.42 | 1225347.18 | 35.99 | 248° 14' 45" | 656 |
| 656 | 457028.08 | 1225313.75 | 30.68 | 229° 26' 28" | 657 |
| 657 | 457008.13 | 1225290.44 | 16.74 | 268° 23' 27" | 658 |
| 658 | 457007.66 | 1225273.71 | 28.06 | 199° 51' 21" | 659 |
| 659 | 456981.27 | 1225264.18 | 25.25 | 217° 45' 34" | 660 |
| 660 | 456961.31 | 1225248.72 | 63.33 | 179° 31' 30" | 661 |
| 661 | 456897.99 | 1225249.25 | 61.42 | 169° 29' 4" | 662 |
| 662 | 456837.6 | 1225260.45 | 135.89 | 176° 18' 6" | 663 |
| 663 | 456701.99 | 1225269.22 | 64.74 | 165° 22' 47" | 664 |
| 664 | 456639.35 | 1225285.56 | 41.33 | 126° 12' 46" | 665 |
| 665 | 456614.93 | 1225318.91 | 58.14 | 159° 3' 31" | 666 |
| 666 | 456560.63 | 1225339.69 | 81.37 | 96° 32' 49" | 667 |
| 667 | 456551.35 | 1225420.53 | 183.17 | 172° 48' 19" | 668 |
| 668 | 456369.62 | 1225443.47 | 198.24 | 175° 42' 8" | 669 |
| 669 | 456171.94 | 1225458.33 | 44.98 | 204° 59' 54" | 670 |
| 670 | 456131.17 | 1225439.32 | 220.06 | 224° 38' 48" | 671 |
| 671 | 455974.61 | 1225284.68 | 48.47 | 147° 54' 17" | 672 |
| 672 | 455933.55 | 1225310.43 | 127.06 | 210° 53' 20" | 673 |
| 673 | 455824.51 | 1225245.2 | 19.37 | 211° 49' 10" | 674 |
| 674 | 455808.05 | 1225234.99 | 204.97 | 143° 34' 0" | 675 |
| 675 | 455643.14 | 1225356.72 | 97.43 | 152° 40' 39" | 676 |
| 676 | 455556.58 | 1225401.44 | 55.42 | 152° 41' 9" | 677 |
| 677 | 455507.34 | 1225426.87 | 50.74 | 152° 28' 32" | 678 |
| 678 | 455462.34 | 1225450.32 | 174.05 | 169° 10' 53" | 679 |
| 679 | 455291.38 | 1225482.99 | 102.18 | 174° 42' 58" | 680 |
| 680 | 455189.63 | 1225492.4 | 102.03 | 174° 31' 41" | 681 |
| 681 | 455088.06 | 1225502.13 | 155.61 | 170° 58' 16" | 682 |
| 682 | 454934.38 | 1225526.55 | 220.11 | 261° 21' 14" | 683 |
| 683 | 454901.29 | 1225308.94 | 67.29 | 234° 35' 19" | 684 |
| 684 | 454862.3 | 1225254.1 | 42.33 | 209° 39' 49" | 685 |
| 685 | 454825.52 | 1225233.15 | 46.57 | 205° 19' 10" | 686 |
| 686 | 454783.42 | 1225213.23 | 1.38 | 263° 22' 15" | 687 |
| 687 | 454783.26 | 1225211.86 | 6.57 | 272° 16' 10" | 688 |
| 688 | 454783.52 | 1225205.3 | 39.51 | 194° 48' 6" | 689 |
| 689 | 454745.32 | 1225195.21 | 60.74 | 205° 19' 10" | 690 |
| 690 | 454690.41 | 1225169.23 | 129.53 | 168° 50' 6" | 691 |
| 691 | 454563.33 | 1225194.31 | 69.35 | 236° 10' 54" | 692 |
| 692 | 454524.73 | 1225136.69 | 66.36 | 161° 51' 36" | 693 |
| 693 | 454461.67 | 1225157.35 | 493.45 | 152° 37' 22" | 694 |
| 694 | 454023.49 | 1225384.26 | 24.56 | 62° 38' 42" | 695 |
| 695 | 454034.78 | 1225406.08 | 171.82 | 63° 10' 3" | 696 |
| 696 | 454112.34 | 1225559.4 | 84.11 | 72° 0' 50" | 697 |
| 697 | 454138.31 | 1225639.4 | 79.01 | 64° 8' 40" | 698 |
| 698 | 454172.77 | 1225710.51 | 49.48 | 87° 15' 49" | 699 |
| 699 | 454175.13 | 1225759.93 | 78.72 | 95° 9' 33" | 700 |
| 700 | 454168.05 | 1225838.33 | 83.56 | 172° 43' 34" | 701 |
| 701 | 454085.16 | 1225848.91 | 80.74 | 163° 41' 35" | 702 |
| 702 | 454007.67 | 1225871.58 | 74.85 | 57° 16' 18" | 703 |
| 703 | 454048.14 | 1225934.55 | 70.65 | 158° 41' 11" | 704 |
| 704 | 453982.32 | 1225960.23 | 49 | 72° 2' 18" | 705 |
| 705 | 453997.43 | 1226006.84 | 58.76 | 37° 4' 1" | 706 |
| 706 | 454044.32 | 1226042.26 | 87.54 | 69° 8' 56" | 707 |
| 707 | 454075.48 | 1226124.07 | 68.92 | 99° 36' 21" | 708 |
| 708 | 454063.98 | 1226192.02 | 63.02 | 112° 25' 22" | 709 |
| 709 | 454039.94 | 1226250.28 | 50.17 | 112° 21' 10" | 710 |
| 710 | 454020.86 | 1226296.68 | 70.88 | 138° 1' 10" | 711 |
| 711 | 453968.17 | 1226344.09 | 104 | 186° 52' 32" | 712 |
| 712 | 453864.92 | 1226331.64 | 104.85 | 268° 6' 32" | 713 |
| 713 | 453861.46 | 1226226.85 | 85.37 | 272° 38' 43" | 714 |
| 714 | 453865.4 | 1226141.57 | 194.03 | 258° 30' 59" | 715 |
| 715 | 453826.77 | 1225951.42 | 141.92 | 165° 49' 36" | 716 |
| 716 | 453689.17 | 1225986.17 | 126.39 | 170° 47' 39" | 717 |
| 717 | 453564.41 | 1226006.39 | 49.37 | 164° 45' 22" | 718 |
| 718 | 453516.78 | 1226019.37 | 60.62 | 236° 7' 54" | 719 |
| 719 | 453483 | 1225969.04 | 53.93 | 294° 46' 25" | 720 |
| 720 | 453505.6 | 1225920.07 | 69.82 | 213° 33' 45" | 721 |
| 721 | 453447.42 | 1225881.47 | 78.68 | 259° 9' 31" | 722 |
| 722 | 453432.62 | 1225804.19 | 139.6 | 139° 26' 31" | 723 |
| 723 | 453326.56 | 1225894.96 | 59.84 | 56° 58' 7" | 724 |
| 724 | 453359.18 | 1225945.13 | 136.06 | 141° 49' 34" | 725 |
| 725 | 453252.22 | 1226029.22 | 44.93 | 65° 28' 37" | 726 |
| 726 | 453270.87 | 1226070.1 | 79.57 | 133° 34' 27" | 727 |
| 727 | 453216.02 | 1226127.75 | 101.93 | 128° 26' 55" | 728 |
| 728 | 453152.64 | 1226207.58 | 1.86 | 148° 17' 16" | 729 |
| 729 | 453151.05 | 1226208.56 | 2.04 | 167° 49' 48" | 730 |
| 730 | 453149.06 | 1226208.99 | 5.83 | 234° 17' 25" | 731 |
| 731 | 453145.66 | 1226204.26 | 46.9 | 240° 20' 8" | 732 |
| 732 | 453122.45 | 1226163.51 | 5.93 | 242° 21' 14" | 733 |
| 733 | 453119.7 | 1226158.26 | 67.63 | 152° 27' 40" | 734 |
| 734 | 453059.73 | 1226189.53 | 46.89 | 224° 1' 56" | 735 |
| 735 | 453026.02 | 1226156.94 | 50.51 | 149° 30' 39" | 736 |
| 736 | 452982.49 | 1226182.57 | 108.62 | 234° 55' 7" | 737 |
| 737 | 452920.06 | 1226093.68 | 116.71 | 245° 29' 18" | 738 |
| 738 | 452871.64 | 1225987.49 | 127.06 | 151° 16' 58" | 739 |
| 739 | 452760.21 | 1226048.54 | 211.78 | 149° 41' 2" | 740 |
| 740 | 452577.39 | 1226155.44 | 33.61 | 232° 47' 58" | 741 |
| 741 | 452557.07 | 1226128.67 | 3.8 | 232° 49' 12" | 742 |
| 742 | 452554.77 | 1226125.64 | 36.11 | 232° 49' 12" | 743 |
| 743 | 452532.95 | 1226096.87 | 14.87 | 230° 32' 24" | 744 |
| 744 | 452523.5 | 1226085.39 | 10.04 | 244° 53' 23" | 745 |
| 745 | 452519.24 | 1226076.3 | 166.75 | 245° 2' 34" | 746 |
| 746 | 452448.88 | 1225925.12 | 35.12 | 244° 23' 20" | 747 |
| 747 | 452433.7 | 1225893.45 | 66.35 | 244° 56' 42" | 748 |
| 748 | 452405.6 | 1225833.34 | 79.54 | 236° 18' 14" | 749 |
| 749 | 452361.47 | 1225767.16 | 90.62 | 157° 12' 15" | 750 |
| 750 | 452277.93 | 1225802.27 | 98.86 | 242° 38' 12" | 751 |
| 751 | 452232.49 | 1225714.47 | 49.27 | 196° 42' 9" | 752 |
| 752 | 452185.3 | 1225700.31 | 67.76 | 196° 14' 59" | 753 |
| 753 | 452120.25 | 1225681.35 | 165.8 | 186° 7' 42" | 754 |
| 754 | 451955.4 | 1225663.65 | 206.56 | 274° 4' 31" | 755 |
| 755 | 451970.08 | 1225457.61 | 121.24 | 10° 27' 53" | 756 |
| 756 | 452089.3 | 1225479.63 | 105.47 | 24° 15' 6" | 757 |
| 757 | 452185.46 | 1225522.95 | 5.96 | 25° 32' 1" | 758 |
| 758 | 452190.84 | 1225525.52 | 75.03 | 345° 39' 43" | 759 |
| 759 | 452263.53 | 1225506.94 | 128.5 | 259° 39' 42" | 760 |
| 760 | 452240.47 | 1225380.53 | 224.37 | 224° 28' 22" | 761 |
| 761 | 452080.36 | 1225223.34 | 12.2 | 221° 48' 33" | 762 |
| 762 | 452071.27 | 1225215.21 | 263.2 | 330° 16' 6" | 763 |
| 763 | 452299.82 | 1225084.68 | 152.37 | 337° 5' 48" | 764 |
| 764 | 452440.18 | 1225025.38 | 112.8 | 322° 6' 55" | 765 |
| 765 | 452529.21 | 1224956.11 | 150.53 | 331° 1' 51" | 766 |
| 766 | 452660.91 | 1224883.2 | 477.17 | 326° 19' 31" | 767 |
| 767 | 453058.01 | 1224618.62 | 71.97 | 278° 1' 7" | 768 |
| 768 | 453068.05 | 1224547.35 | 261.26 | 314° 2' 41" | 769 |
| 769 | 453249.68 | 1224359.56 | 149.51 | 249° 7' 51" | 770 |
| 770 | 453196.42 | 1224219.86 | 368.1 | 319° 45' 37" | 771 |
| 771 | 453477.41 | 1223982.07 | 323.67 | 234° 31' 23" | 772 |
| 772 | 453289.56 | 1223718.49 | 225.21 | 319° 30' 40" | 773 |
| 773 | 453460.84 | 1223572.26 | 261.34 | 335° 39' 1" | 774 |
| 774 | 453698.93 | 1223464.51 | 215.89 | 256° 57' 9" | 775 |
| 775 | 453650.19 | 1223254.19 | 115.15 | 258° 48' 47" | 776 |
| 776 | 453627.85 | 1223141.23 | 91.39 | 264° 30' 21" | 777 |
| 777 | 453619.1 | 1223050.26 | 176.05 | 257° 43' 16" | 778 |
| 778 | 453581.66 | 1222878.24 | 89.15 | 256° 54' 36" | 779 |
| 779 | 453561.47 | 1222791.41 | 47.52 | 245° 31' 20" | 780 |
| 780 | 453541.78 | 1222748.16 | 186.69 | 302° 23' 55" | 781 |
| 781 | 453641.81 | 1222590.53 | 291.68 | 351° 27' 10" | 782 |
| 782 | 453930.25 | 1222547.18 | 492.19 | 346° 57' 24" | 783 |
| 783 | 454409.74 | 1222436.1 | 17.99 | 283° 0' 32" | 784 |
| 784 | 454413.79 | 1222418.57 | 3.54 | 283° 12' 52" | 785 |
| 785 | 454414.6 | 1222415.12 | 387.29 | 282° 59' 16" | 786 |
| 786 | 454501.64 | 1222037.74 | 99.92 | 219° 27' 9" | 787 |
| 787 | 454424.49 | 1221974.25 | 80.64 | 275° 13' 43" | 788 |
| 788 | 454431.84 | 1221893.95 | 202.31 | 182° 47' 9" | 789 |
| 789 | 454229.77 | 1221884.12 | 80.75 | 281° 34' 0" | 790 |
| 790 | 454245.96 | 1221805.01 | 25.41 | 5° 33' 33" | 791 |
| 791 | 454271.25 | 1221807.47 | 26.96 | 5° 33' 23" | 792 |
| 792 | 454298.08 | 1221810.08 | 40.61 | 5° 34' 59" | 793 |
| 793 | 454338.5 | 1221814.03 | 13.31 | 5° 23' 33" | 794 |
| 794 | 454351.75 | 1221815.28 | 5.94 | 5° 32' 29" | 795 |
| 795 | 454357.66 | 1221815.86 | 14.47 | 5° 34' 34" | 796 |
| 796 | 454372.07 | 1221817.26 | 6.55 | 5° 35' 49" | 797 |
| 797 | 454378.59 | 1221817.9 | 29.69 | 275° 33' 59" | 798 |
| 798 | 454381.47 | 1221788.35 | 26.97 | 5° 34' 25" | 799 |
| 799 | 454408.31 | 1221790.97 | 26.97 | 5° 33' 13" | 800 |
| 800 | 454435.15 | 1221793.58 | 15.77 | 5° 30' 3" | 801 |
| 801 | 454450.85 | 1221795.09 | 34.53 | 25° 34' 36" | 802 |
| 802 | 454482 | 1221810 | 7.6 | 15° 41' 21" | 803 |
| 803 | 454489.32 | 1221812.06 | 13.2 | 322° 7' 5" | 804 |
| 804 | 454499.74 | 1221803.95 | 11.37 | 285° 18' 46" | 805 |
| 805 | 454502.74 | 1221792.99 | 36.34 | 285° 10' 0" | 806 |
| 806 | 454512.25 | 1221757.91 | 21.55 | 19° 56' 14" | 807 |
| 807 | 454532.51 | 1221765.26 | 101.78 | 299° 14' 39" | 808 |
| 808 | 454582.23 | 1221676.45 | 56.02 | 219° 50' 27" | 809 |
| 809 | 454539.22 | 1221640.56 | 35.18 | 220° 47' 0" | 810 |
| 810 | 454512.58 | 1221617.58 | 25.23 | 199° 5' 5" | 811 |
| 811 | 454488.74 | 1221609.33 | 7.16 | 289° 4' 21" | 812 |
| 812 | 454491.08 | 1221602.56 | 19.92 | 202° 11' 44" | 813 |
| 813 | 454472.64 | 1221595.04 | 93.21 | 169° 30' 29" | 814 |
| 814 | 454380.98 | 1221612.01 | 4.72 | 189° 26' 7" | 815 |
| 815 | 454376.33 | 1221611.24 | 2.86 | 281° 32' 24" | 816 |
| 816 | 454376.9 | 1221608.44 | 1.24 | 276° 41' 8" | 817 |
| 817 | 454377.04 | 1221607.21 | 20.37 | 276° 40' 22" | 818 |
| 818 | 454379.41 | 1221586.98 | 43.96 | 275° 30' 35" | 819 |
| 819 | 454383.63 | 1221543.22 | 36.73 | 274° 46' 46" | 820 |
| 820 | 454386.69 | 1221506.62 | 1.02 | 255° 13' 51" | 821 |
| 821 | 454386.43 | 1221505.63 | 0.08 | 0° 0' 0" | 822 |
| 822 | 454386.51 | 1221505.63 | 50.3 | 274° 2' 16" | 823 |
| 823 | 454390.05 | 1221455.46 | 77.22 | 182° 56' 58" | 824 |
| 824 | 454312.93 | 1221451.49 | 67.83 | 287° 58' 16" | 825 |
| 825 | 454333.86 | 1221386.96 | 6.02 | 10° 6' 34" | 826 |
| 826 | 454339.79 | 1221388.02 | 30.31 | 10° 37' 33" | 827 |
| 827 | 454369.58 | 1221393.61 | 9.37 | 300° 37' 9" | 828 |
| 828 | 454374.35 | 1221385.55 | 17.08 | 358° 23' 57" | 829 |
| 829 | 454391.42 | 1221385.07 | 6.15 | 297° 5' 25" | 830 |
| 830 | 454394.22 | 1221379.6 | 33.1 | 297° 16' 32" | 831 |
| 831 | 454409.39 | 1221350.18 | 15.89 | 346° 5' 9" | 832 |
| 832 | 454424.81 | 1221346.36 | 11.83 | 313° 58' 57" | 833 |
| 833 | 454433.02 | 1221337.85 | 10.67 | 354° 24' 35" | 834 |
| 834 | 454443.64 | 1221336.81 | 9.97 | 342° 16' 5" | 835 |
| 835 | 454453.14 | 1221333.77 | 7.71 | 294° 58' 50" | 836 |
| 836 | 454456.4 | 1221326.78 | 7.21 | 289° 57' 42" | 837 |
| 837 | 454458.86 | 1221320 | 49.03 | 289° 11' 42" | 838 |
| 838 | 454474.98 | 1221273.7 | 28.28 | 200° 43' 59" | 839 |
| 839 | 454448.53 | 1221263.69 | 24.41 | 200° 40' 24" | 840 |
| 840 | 454425.69 | 1221255.07 | 3.98 | 200° 47' 28" | 841 |
| 841 | 454421.97 | 1221253.66 | 28.38 | 200° 57' 10" | 842 |
| 842 | 454395.47 | 1221243.51 | 14.36 | 197° 20' 40" | 843 |
| 843 | 454381.77 | 1221239.23 | 41.9 | 287° 58' 4" | 844 |
| 844 | 454394.69 | 1221199.38 | 48.95 | 15° 22' 26" | 845 |
| 845 | 454441.89 | 1221212.36 | 95.75 | 33° 2' 49" | 846 |
| 846 | 454522.15 | 1221264.57 | 65.5 | 10° 49' 23" | 847 |
| 847 | 454586.48 | 1221276.87 | 45.55 | 34° 24' 32" | 848 |
| 848 | 454624.06 | 1221302.61 | 35.91 | 359° 29' 22" | 849 |
| 849 | 454659.97 | 1221302.29 | 113.01 | 235° 23' 20" | 850 |
| 850 | 454595.78 | 1221209.28 | 157.6 | 280° 19' 8" | 851 |
| 851 | 454624.01 | 1221054.23 | 270.01 | 280° 21' 38" | 852 |
| 852 | 454672.57 | 1220788.62 | 189.08 | 275° 16' 15" | 853 |
| 853 | 454689.94 | 1220600.34 | 4.47 | 275° 8' 15" | 854 |
| 854 | 454690.34 | 1220595.89 | 158.5 | 277° 6' 25" | 855 |
| 855 | 454709.95 | 1220438.61 | 82.15 | 277° 6' 15" | 856 |
| 856 | 454720.11 | 1220357.09 | 86.68 | 272° 18' 27" | 857 |
| 857 | 454723.6 | 1220270.48 | 23.35 | 271° 41' 36" | 858 |
| 858 | 454724.29 | 1220247.14 | 179.99 | 276° 24' 7" | 859 |
| 859 | 454744.36 | 1220068.27 | 146.97 | 271° 39' 11" | 860 |
| 860 | 454748.6 | 1219921.36 | 36.41 | 315° 11' 21" | 861 |
| 861 | 454774.43 | 1219895.7 | 61.41 | 341° 29' 7" | 862 |
| 862 | 454832.66 | 1219876.2 | 33.69 | 331° 1' 5" | 863 |
| 863 | 454862.13 | 1219859.88 | 33.66 | 331° 13' 8" | 864 |
| 864 | 454891.63 | 1219843.67 | 22.74 | 329° 8' 5" | 865 |
| 865 | 454911.16 | 1219832 | 25.43 | 330° 3' 45" | 866 |
| 866 | 454933.2 | 1219819.31 | 71.04 | 330° 23' 48" | 867 |
| 867 | 454994.97 | 1219784.21 | 60.46 | 333° 19' 31" | 868 |
| 868 | 455048.99 | 1219757.07 | 21.94 | 329° 51' 23" | 869 |
| 869 | 455067.96 | 1219746.06 | 13.12 | 330° 15' 46" | 870 |
| 870 | 455079.35 | 1219739.55 | 75.34 | 330° 14' 7" | 871 |
| 871 | 455144.75 | 1219702.15 | 137.63 | 330° 16' 55" | 872 |
| 872 | 455264.28 | 1219633.92 | 460.53 | 37° 46' 17" | 873 |
| 873 | 455628.31 | 1219916 | 190.72 | 31° 59' 0" | 874 |
| 874 | 455790.08 | 1220017.02 | 53.82 | 252° 12' 53" | 875 |
| 875 | 455773.64 | 1219965.77 | 92.51 | 247° 52' 7" | 876 |
| 876 | 455738.79 | 1219880.08 | 152.7 | 275° 41' 51" | 877 |
| 877 | 455753.95 | 1219728.13 | 129.47 | 264° 33' 27" | 878 |
| 878 | 455741.67 | 1219599.24 | 56 | 303° 31' 42" | 879 |
| 879 | 455772.6 | 1219552.56 | 105.33 | 267° 5' 18" | 880 |
| 880 | 455767.25 | 1219447.37 | 81.05 | 254° 58' 34" | 881 |
| 881 | 455746.24 | 1219369.09 | 101.39 | 16° 25' 33" | 882 |
| 882 | 455843.49 | 1219397.76 | 111.98 | 349° 57' 2" | 883 |
| 883 | 455953.75 | 1219378.22 | 103.71 | 1° 29' 10" | 884 |
| 884 | 456057.43 | 1219380.91 | 99.49 | 355° 45' 7" | 885 |
| 885 | 456156.65 | 1219373.54 | 77.71 | 3° 5' 53" | 886 |
| 886 | 456234.25 | 1219377.74 | 69.19 | 354° 23' 36" | 887 |
| 887 | 456303.11 | 1219370.98 | 125.66 | 359° 54' 32" | 888 |
| 888 | 456428.77 | 1219370.78 | 83.89 | 356° 47' 43" | 889 |
| 889 | 456512.53 | 1219366.09 | 150.68 | 0° 54' 50" | 890 |
| 890 | 456663.19 | 1219368.49 | 66.52 | 359° 3' 53" | 891 |
| 891 | 456729.7 | 1219367.41 | 41.78 | 41° 3' 56" | 892 |
| 892 | 456761.2 | 1219394.85 | 2.32 | 38° 21' 38" | 893 |
| 893 | 456763.02 | 1219396.29 | 13.74 | 39° 21' 14" | 894 |
| 894 | 456773.65 | 1219405.01 | 42.88 | 29° 19' 32" | 895 |
| 895 | 456811.04 | 1219426.01 | 60.33 | 343° 6' 53" | 896 |
| 896 | 456868.77 | 1219408.49 | 119.13 | 20° 5' 24" | 897 |
| 897 | 456980.65 | 1219449.41 | 96.3 | 15° 14' 18" | 898 |
| 898 | 457073.56 | 1219474.72 | 102.93 | 45° 57' 23" | 899 |
| 899 | 457145.12 | 1219548.71 | 87.19 | 29° 13' 0" | 900 |
| 900 | 457221.22 | 1219591.27 | 53.48 | 23° 59' 46" | 901 |
| 901 | 457270.08 | 1219613.02 | 126.34 | 42° 49' 31" | 902 |
| 902 | 457362.74 | 1219698.9 | 113.06 | 44° 28' 24" | 903 |
| 903 | 457443.42 | 1219778.11 | 27.78 | 44° 39' 53" | 904 |
| 904 | 457463.18 | 1219797.64 | 82.21 | 36° 35' 6" | 905 |
| 905 | 457529.19 | 1219846.64 | 137.98 | 285° 52' 20" | 906 |
| 906 | 457566.93 | 1219713.92 | 84.56 | 285° 49' 28" | 907 |
| 907 | 457589.99 | 1219632.56 | 81.87 | 350° 45' 52" | 908 |
| 908 | 457670.8 | 1219619.42 | 198.67 | 313° 8' 1" | 909 |
| 909 | 457806.63 | 1219474.44 | 74.51 | 304° 32' 5" | 910 |
| 910 | 457848.87 | 1219413.06 | 74.19 | 14° 43' 39" | 911 |
| 911 | 457920.62 | 1219431.92 | 138.25 | 281° 6' 36" | 912 |
| 912 | 457947.26 | 1219296.26 | 204.95 | 284° 45' 11" | 913 |
| 913 | 457999.45 | 1219098.07 | 207.83 | 244° 5' 49" | 914 |
| 914 | 457908.66 | 1218911.12 | 110.26 | 281° 38' 32" | 915 |
| 915 | 457930.91 | 1218803.13 | 202.42 | 334° 47' 45" | 916 |
| 916 | 458114.06 | 1218716.93 | 244.28 | 308° 13' 21" | 917 |
| 917 | 458265.2 | 1218525.02 | 101.19 | 227° 19' 51" | 918 |
| 918 | 458196.62 | 1218450.62 | 89.62 | 265° 16' 59" | 919 |
| 919 | 458189.25 | 1218361.3 | 143.57 | 234° 59' 42" | 920 |
| 920 | 458106.89 | 1218243.7 | 44.81 | 328° 21' 23" | 921 |
| 921 | 458145.04 | 1218220.19 | 45.95 | 329° 17' 57" | 922 |
| 922 | 458184.55 | 1218196.73 | 112.18 | 332° 8' 56" | 923 |
| 923 | 458283.74 | 1218144.32 | 18.56 | 231° 56' 17" | 924 |
| 924 | 458272.3 | 1218129.71 | 70.94 | 233° 42' 30" | 925 |
| 925 | 458230.31 | 1218072.53 | 107.1 | 284° 34' 5" | 926 |
| 926 | 458257.25 | 1217968.87 | 113.96 | 289° 39' 16" | 927 |
| 927 | 458295.58 | 1217861.55 | 2.18 | 302° 29' 23" | 928 |
| 928 | 458296.75 | 1217859.71 | 33.01 | 299° 53' 20" | 929 |
| 929 | 458313.2 | 1217831.09 | 67.43 | 10° 27' 0" | 930 |
| 930 | 458379.51 | 1217843.32 | 214.2 | 16° 0' 18" | 931 |
| 931 | 458585.41 | 1217902.38 | 4.07 | 15° 59' 5" | 932 |
| 932 | 458589.32 | 1217903.5 | 116.99 | 16° 1' 17" | 933 |
| 933 | 458701.77 | 1217935.79 | 129.61 | 288° 2' 27" | 934 |
| 934 | 458741.91 | 1217812.55 | 92.83 | 14° 1' 38" | 935 |
| 935 | 458831.97 | 1217835.05 | 52.79 | 327° 59' 45" | 936 |
| 936 | 458876.74 | 1217807.07 | 145.78 | 341° 14' 13" | 937 |
| 937 | 459014.77 | 1217760.18 | 89.11 | 3° 31' 33" | 938 |
| 938 | 459103.71 | 1217765.66 | 17.08 | 359° 41' 35" | 939 |
| 939 | 459120.79 | 1217765.57 | 12.37 | 268° 22' 45" | 940 |
| 940 | 459120.44 | 1217753.2 | 103.66 | 356° 21' 21" | 941 |
| 941 | 459223.89 | 1217746.61 | 64.07 | 70° 1' 29" | 942 |
| 942 | 459245.77 | 1217806.83 | 0 | 0° 0' 0" | 943 |
| 943 | 459245.77 | 1217806.83 | 283.93 | 337° 30' 12" | 944 |
| 944 | 459508.1 | 1217698.19 | 223.39 | 337° 30' 46" | 945 |
| 945 | 459714.5 | 1217612.75 | 382.39 | 352° 50' 8" | 946 |
| 946 | 460093.9 | 1217565.06 | 202.64 | 352° 44' 11" | 947 |
| 947 | 460294.91 | 1217539.44 | 363.71 | 357° 21' 20" | 948 |
| 948 | 460658.23 | 1217522.66 | 496.94 | 292° 55' 33" | 949 |
| 949 | 460851.81 | 1217064.97 | 72.13 | 329° 16' 4" | 950 |
| 950 | 460913.81 | 1217028.11 | 13.39 | 255° 12' 21" | 951 |
| 951 | 460910.39 | 1217015.16 | 38.94 | 341° 40' 53" | 952 |
| 952 | 460947.36 | 1217002.92 | 10.27 | 341° 32' 51" | 953 |
| 953 | 460957.1 | 1216999.67 | 32 | 241° 17' 48" | 954 |
| 954 | 460941.73 | 1216971.6 | 86.05 | 260° 0' 8" | 955 |
| 955 | 460926.79 | 1216886.86 | 57.15 | 263° 38' 23" | 956 |
| 956 | 460920.46 | 1216830.06 | 119.01 | 256° 39' 35" | 957 |
| 957 | 460893 | 1216714.26 | 139.07 | 258° 16' 18" | 958 |
| 958 | 460864.73 | 1216578.09 | 83.11 | 267° 36' 51" | 959 |
| 959 | 460861.27 | 1216495.05 | 389.42 | 257° 57' 48" | 960 |
| 960 | 460780.06 | 1216114.19 | 25.42 | 223° 10' 1" | 961 |
| 961 | 460761.52 | 1216096.8 | 32.16 | 223° 9' 38" | 962 |
| 962 | 460738.06 | 1216074.8 | 85.26 | 272° 32' 51" | 963 |
| 963 | 460741.85 | 1215989.62 | 144.01 | 252° 22' 49" | 964 |
| 964 | 460698.26 | 1215852.37 | 14.04 | 344° 25' 9" | 965 |
| 965 | 460711.78 | 1215848.6 | 58.24 | 267° 17' 35" | 966 |
| 966 | 460709.03 | 1215790.42 | 39.3 | 261° 40' 22" | 967 |
| 967 | 460703.34 | 1215751.54 | 154.13 | 261° 26' 28" | 968 |
| 968 | 460680.4 | 1215599.13 | 170.75 | 263° 38' 18" | 969 |
| 969 | 460661.48 | 1215429.43 | 281.8 | 268° 2' 30" | 970 |
| 970 | 460651.85 | 1215147.79 | 365.44 | 268° 44' 16" | 971 |
| 971 | 460643.8 | 1214782.44 | 349.83 | 268° 19' 39" | 972 |
| 972 | 460633.59 | 1214432.76 | 217.9 | 269° 25' 36" | 973 |
| 973 | 460631.41 | 1214214.87 | 227.22 | 267° 12' 27" | 974 |
| 974 | 460620.34 | 1213987.92 | 50.9 | 259° 47' 31" | 975 |
| 975 | 460611.32 | 1213937.83 | 286.72 | 267° 7' 2" | 976 |
| 976 | 460596.9 | 1213651.47 | 205.35 | 249° 34' 1" | 977 |
| 977 | 460525.21 | 1213459.04 | 92.75 | 237° 3' 44" | 978 |
| 978 | 460474.78 | 1213381.2 | 397.45 | 248° 12' 33" | 979 |
| 979 | 460327.24 | 1213012.15 | 122.62 | 248° 53' 28" | 980 |
| 980 | 460283.08 | 1212897.76 | 111.2 | 257° 11' 14" | 981 |
| 981 | 460258.42 | 1212789.33 | 124.62 | 256° 18' 42" | 982 |
| 982 | 460228.93 | 1212668.25 | 152.18 | 259° 5' 54" | 983 |
| 983 | 460200.15 | 1212518.82 | 123.67 | 255° 31' 52" | 984 |
| 984 | 460169.25 | 1212399.07 | 129.16 | 258° 40' 37" | 985 |
| 985 | 460143.89 | 1212272.42 | 140.3 | 255° 40' 50" | 986 |
| 986 | 460109.19 | 1212136.48 | 88.54 | 250° 22' 26" | 987 |
| 987 | 460079.45 | 1212053.08 | 98.83 | 255° 9' 39" | 988 |
| 988 | 460054.14 | 1211957.55 | 207.8 | 267° 3' 34" | 989 |
| 989 | 460043.48 | 1211750.02 | 141.7 | 269° 49' 5" | 990 |
| 990 | 460043.03 | 1211608.32 | 149.34 | 266° 31' 33" | 991 |
| 991 | 460033.98 | 1211459.25 | 203.51 | 267° 15' 45" | 992 |
| 992 | 460024.26 | 1211255.97 | 79.9 | 257° 36' 21" | 993 |
| 993 | 460007.11 | 1211177.93 | 189.62 | 267° 40' 54" | 994 |
| 994 | 459999.44 | 1210988.47 | 76.7 | 6° 21' 18" | 995 |
| 995 | 460075.67 | 1210996.96 | 122.11 | 0° 16' 37" | 996 |
| 996 | 460197.78 | 1210997.55 | 152.13 | 357° 16' 20" | 997 |
| 997 | 460349.74 | 1210990.31 | 161.16 | 3° 17' 26" | 998 |
| 998 | 460510.63 | 1210999.56 | 107.6 | 342° 18' 9" | 999 |
| 999 | 460613.14 | 1210966.85 | 171.03 | 34° 43' 7" | 1000 |
| 1000 | 460753.72 | 1211064.26 | 53.75 | 267° 38' 20" | 1001 |
| 1001 | 460751.51 | 1211010.55 | 921.64 | 265° 54' 20" | 1002 |
| 1002 | 460685.7 | 1210091.26 | 98.67 | 201° 41' 52" | 1003 |
| 1003 | 460594.02 | 1210054.78 | 52.25 | 281° 14' 47" | 1004 |
| 1004 | 460604.21 | 1210003.53 | 51.37 | 276° 46' 26" | 1005 |
| 1005 | 460610.27 | 1209952.52 | 32.1 | 200° 17' 12" | 1006 |
| 1006 | 460580.16 | 1209941.39 | 34.3 | 262° 50' 53" | 1007 |
| 1007 | 460575.89 | 1209907.36 | 50.26 | 301° 3' 42" | 1008 |
| 1008 | 460601.82 | 1209864.31 | 24.82 | 269° 36' 27" | 1009 |
| 1009 | 460601.65 | 1209839.49 | 19.55 | 226° 40' 45" | 1010 |
| 1010 | 460588.24 | 1209825.27 | 36.88 | 200° 47' 20" | 1011 |
| 1011 | 460553.76 | 1209812.18 | 64.2 | 176° 16' 32" | 1012 |
| 1012 | 460489.7 | 1209816.35 | 34.4 | 269° 8' 2" | 1013 |
| 1013 | 460489.18 | 1209781.95 | 48.26 | 283° 54' 24" | 1014 |
| 1014 | 460500.78 | 1209735.1 | 83.14 | 243° 39' 58" | 1015 |
| 1015 | 460463.9 | 1209660.59 | 180.47 | 180° 53' 37" | 1016 |
| 1016 | 460283.45 | 1209657.78 | 14.04 | 114° 25' 51" | 1017 |
| 1017 | 460277.64 | 1209670.56 | 97.09 | 132° 13' 27" | 1018 |
| 1018 | 460212.39 | 1209742.46 | 57.99 | 133° 44' 58" | 1019 |
| 1019 | 460172.29 | 1209784.35 | 29.37 | 151° 20' 57" | 1020 |
| 1020 | 460146.52 | 1209798.43 | 40.19 | 198° 12' 34" | 1021 |
| 1021 | 460108.34 | 1209785.87 | 27.1 | 187° 58' 29" | 1022 |
| 1022 | 460081.5 | 1209782.11 | 398.23 | 279° 47' 17" | 1023 |
| 1023 | 460149.2 | 1209389.68 | 221.21 | 278° 55' 59" | 1024 |
| 1024 | 460183.55 | 1209171.15 | 118.77 | 276° 11' 30" | 1025 |
| 1025 | 460196.36 | 1209053.07 | 21.59 | 8° 12' 5" | 1026 |
| 1026 | 460217.73 | 1209056.15 | 170.71 | 279° 54' 0" | 1027 |
| 1027 | 460247.08 | 1208887.98 | 34.65 | 192° 23' 59" | 1028 |
| 1028 | 460213.24 | 1208880.54 | 36.76 | 275° 57' 54" | 1029 |
| 1029 | 460217.06 | 1208843.98 | 8.22 | 174° 11' 42" | 1030 |
| 1030 | 460208.88 | 1208844.81 | 0 | 0° 0' 0" | 1031 |
| 1031 | 460208.88 | 1208844.81 | 57.27 | 94° 8' 2" | 1032 |
| 1032 | 460204.75 | 1208901.93 | 56.08 | 183° 15' 39" | 1033 |
| 1033 | 460148.76 | 1208898.74 | 16.05 | 266° 14' 59" | 1034 |
| 1034 | 460147.71 | 1208882.72 | 36.13 | 170° 44' 46" | 1035 |
| 1035 | 460112.05 | 1208888.53 | 43.76 | 203° 25' 50" | 1036 |
| 1036 | 460071.9 | 1208871.13 | 34.27 | 348° 46' 31" | 1037 |
| 1037 | 460105.51 | 1208864.46 | 11.2 | 299° 55' 45" | 1038 |
| 1038 | 460111.1 | 1208854.75 | 68.83 | 219° 31' 38" | 1039 |
| 1039 | 460058.01 | 1208810.94 | 51.75 | 251° 7' 10" | 1040 |
| 1040 | 460041.26 | 1208761.98 | 60.03 | 273° 3' 33" | 1041 |
| 1041 | 460044.47 | 1208702.04 | 54.51 | 233° 15' 0" | 1042 |
| 1042 | 460011.85 | 1208658.36 | 133.47 | 254° 29' 35" | 1043 |
| 1043 | 459976.17 | 1208529.75 | 129.59 | 181° 13' 51" | 1044 |
| 1044 | 459846.61 | 1208526.97 | 77.87 | 187° 22' 9" | 1045 |
| 1045 | 459769.38 | 1208516.98 | 24.69 | 206° 42' 37" | 1046 |
| 1046 | 459747.33 | 1208505.88 | 28.6 | 206° 42' 31" | 1047 |
| 1047 | 459721.78 | 1208493.03 | 46.78 | 234° 43' 48" | 1048 |
| 1048 | 459694.77 | 1208454.84 | 500.63 | 239° 6' 45" | 1049 |
| 1049 | 459437.77 | 1208025.21 | 266.74 | 212° 10' 49" | 1050 |
| 1050 | 459212.01 | 1207883.15 | 251.22 | 296° 9' 3" | 1051 |
| 1051 | 459322.73 | 1207657.65 | 107.49 | 298° 3' 10" | 1052 |
| 1052 | 459373.28 | 1207562.79 | 273.52 | 294° 47' 12" | 1053 |
| 1053 | 459487.95 | 1207314.47 | 148.34 | 294° 12' 17" | 1054 |
| 1054 | 459548.77 | 1207179.17 | 194.66 | 298° 45' 26" | 1055 |
| 1055 | 459642.42 | 1207008.52 | 74.5 | 303° 11' 50" | 1056 |
| 1056 | 459683.21 | 1206946.18 | 41.2 | 270° 28' 22" | 1057 |
| 1057 | 459683.55 | 1206904.98 | 452 | 296° 40' 46" | 1058 |
| 1058 | 459886.5 | 1206501.1 | 251.32 | 302° 4' 12" | 1059 |
| 1059 | 460019.94 | 1206288.13 | 144.32 | 332° 44' 14" | 1060 |
| 1060 | 460148.23 | 1206222.02 | 10.98 | 343° 46' 52" | 1061 |
| 1061 | 460158.78 | 1206218.95 | 43.24 | 343° 45' 59" | 1062 |
| 1062 | 460200.29 | 1206206.87 | 15.96 | 13° 53' 0" | 1063 |
| 1063 | 460215.78 | 1206210.69 | 41 | 13° 51' 1" | 1064 |
| 1064 | 460255.59 | 1206220.51 | 6.2 | 21° 30' 56" | 1065 |
| 1065 | 460261.35 | 1206222.78 | 3.78 | 21° 20' 45" | 1066 |
| 1066 | 460264.88 | 1206224.16 | 5.83 | 37° 9' 11" | 1067 |
| 1067 | 460269.52 | 1206227.68 | 9.44 | 36° 59' 44" | 1068 |
| 1068 | 460277.06 | 1206233.36 | 74.86 | 70° 16' 47" | 1069 |
| 1069 | 460302.32 | 1206303.82 | 205.44 | 340° 23' 59" | 1070 |
| 1070 | 460495.86 | 1206234.9 | 5.4 | 340° 23' 59" | 1071 |
| 1071 | 460500.95 | 1206233.09 | 19.97 | 19° 5' 32" | 1072 |
| 1072 | 460519.82 | 1206239.63 | 16.11 | 70° 4' 37" | 1073 |
| 1073 | 460525.31 | 1206254.77 | 16.63 | 328° 20' 23" | 1074 |
| 1074 | 460539.47 | 1206246.04 | 122.5 | 289° 53' 50" | 1075 |
| 1075 | 460581.16 | 1206130.85 | 80.57 | 288° 25' 40" | 1076 |
| 1076 | 460606.63 | 1206054.41 | 12.55 | 334° 16' 15" | 1077 |
| 1077 | 460617.94 | 1206048.96 | 4.39 | 30° 22' 45" | 1078 |
| 1078 | 460621.72 | 1206051.18 | 14.06 | 30° 18' 0" | 1079 |
| 1079 | 460633.86 | 1206058.27 | 72.96 | 296° 30' 24" | 1080 |
| 1080 | 460666.42 | 1205992.98 | 48.21 | 13° 58' 22" | 1081 |
| 1081 | 460713.21 | 1206004.62 | 50.94 | 300° 56' 35" | 1082 |
| 1082 | 460739.4 | 1205960.94 | 26.58 | 300° 55' 14" | 1083 |
| 1083 | 460753.06 | 1205938.13 | 38.56 | 264° 55' 8" | 1084 |
| 1084 | 460749.64 | 1205899.72 | 12.53 | 297° 40' 44" | 1085 |
| 1085 | 460755.46 | 1205888.63 | 5.68 | 297° 40' 57" | 1086 |
| 1086 | 460758.1 | 1205883.6 | 9.32 | 195° 2' 56" | 1087 |
| 1087 | 460749.09 | 1205881.18 | 15.42 | 195° 2' 1" | 1088 |
| 1088 | 460734.2 | 1205877.18 | 20.37 | 278° 6' 50" | 1089 |
| 1089 | 460737.07 | 1205857.01 | 2.77 | 258° 10' 43" | 1090 |
| 1090 | 460736.51 | 1205854.3 | 6.1 | 258° 1' 35" | 1091 |
| 1091 | 460735.24 | 1205848.34 | 3.11 | 273° 29' 18" | 1092 |
| 1092 | 460735.43 | 1205845.24 | 9.34 | 280° 48' 23" | 1093 |
| 1093 | 460737.18 | 1205836.07 | 7.27 | 307° 38' 8" | 1094 |
| 1094 | 460741.62 | 1205830.31 | 3.27 | 307° 44' 12" | 1095 |
| 1095 | 460743.62 | 1205827.72 | 5.21 | 307° 24' 52" | 1096 |
| 1096 | 460746.79 | 1205823.59 | 22.89 | 354° 45' 20" | 1097 |
| 1097 | 460769.58 | 1205821.49 | 0.92 | 260° 57' 15" | 1098 |
| 1098 | 460769.44 | 1205820.59 | 1.94 | 260° 16' 34" | 1099 |
| 1099 | 460769.11 | 1205818.67 | 25.94 | 281° 22' 27" | 1100 |
| 1100 | 460774.23 | 1205793.24 | 30.79 | 341° 39' 28" | 1101 |
| 1101 | 460803.45 | 1205783.55 | 14.38 | 341° 40' 2" | 1102 |
| 1102 | 460817.1 | 1205779.03 | 12.26 | 353° 58' 32" | 1103 |
| 1103 | 460829.3 | 1205777.74 | 20.61 | 353° 55' 15" | 1104 |
| 1104 | 460849.79 | 1205775.56 | 25.75 | 7° 51' 50" | 1105 |
| 1105 | 460875.3 | 1205779.08 | 10.99 | 19° 21' 43" | 1106 |
| 1106 | 460885.67 | 1205782.73 | 21.99 | 18° 35' 40" | 1107 |
| 1107 | 460906.51 | 1205789.74 | 5 | 266° 38' 55" | 1108 |
| 1108 | 460906.22 | 1205784.74 | 9.85 | 267° 31' 42" | 1109 |
| 1109 | 460905.79 | 1205774.9 | 25.32 | 13° 2' 54" | 1110 |
| 1110 | 460930.46 | 1205780.62 | 35.16 | 6° 31' 58" | 1111 |
| 1111 | 460965.39 | 1205784.62 | 150.74 | 278° 3' 29" | 1112 |
| 1112 | 460986.52 | 1205635.37 | 156.11 | 296° 54' 29" | 1113 |
| 1113 | 461057.17 | 1205496.16 | 76.69 | 283° 42' 27" | 1114 |
| 1114 | 461075.34 | 1205421.65 | 216.3 | 36° 38' 39" | 1115 |
| 1115 | 461248.89 | 1205550.75 | 103.04 | 40° 47' 35" | 1116 |
| 1116 | 461326.9 | 1205618.07 | 102.55 | 46° 14' 41" | 1117 |
| 1117 | 461397.82 | 1205692.14 | 102.96 | 51° 28' 58" | 1118 |
| 1118 | 461461.94 | 1205772.7 | 103.31 | 56° 37' 59" | 1119 |
| 1119 | 461518.76 | 1205858.98 | 101.78 | 63° 0' 16" | 1120 |
| 1120 | 461564.96 | 1205949.67 | 222.23 | 50° 13' 49" | 1121 |
| 1121 | 461707.12 | 1206120.48 | 93.53 | 72° 43' 58" | 1122 |
| 1122 | 461734.88 | 1206209.8 | 5.74 | 72° 48' 20" | 1123 |
| 1123 | 461736.58 | 1206215.28 | 28.4 | 72° 56' 34" | 1124 |
| 1124 | 461744.91 | 1206242.43 | 53.07 | 72° 51' 33" | 1125 |
| 1125 | 461760.55 | 1206293.14 | 14.77 | 70° 59' 19" | 1126 |
| 1126 | 461765.36 | 1206307.1 | 143.02 | 70° 56' 30" | 1127 |
| 1127 | 461812.06 | 1206442.28 | 43.04 | 70° 56' 29" | 1128 |
| 1128 | 461826.12 | 1206482.96 | 11.18 | 71° 34' 3" | 1129 |
| 1129 | 461829.65 | 1206493.57 | 26.98 | 74° 38' 6" | 1130 |
| 1130 | 461836.8 | 1206519.59 | 52.24 | 73° 7' 8" | 1131 |
| 1131 | 461851.97 | 1206569.58 | 27.78 | 73° 2' 46" | 1132 |
| 1132 | 461860.07 | 1206596.15 | 104.3 | 79° 34' 36" | 1133 |
| 1133 | 461878.94 | 1206698.73 | 105.81 | 85° 25' 10" | 1134 |
| 1134 | 461887.39 | 1206804.2 | 135.08 | 87° 42' 47" | 1135 |
| 1135 | 461892.78 | 1206939.17 | 222.7 | 87° 50' 9" | 1136 |
| 1136 | 461901.19 | 1207161.71 | 101.09 | 92° 4' 50" | 1137 |
| 1137 | 461897.52 | 1207262.73 | 133.33 | 93° 5' 44" | 1138 |
| 1138 | 461890.32 | 1207395.87 | 9.61 | 179° 2' 46" | 1139 |
| 1139 | 461880.71 | 1207396.03 | 53.1 | 87° 58' 16" | 1140 |
| 1140 | 461882.59 | 1207449.1 | 22.95 | 358° 6' 8" | 1141 |
| 1141 | 461905.53 | 1207448.34 | 13.8 | 357° 0' 12" | 1142 |
| 1142 | 461919.31 | 1207447.62 | 42.74 | 88° 0' 32" | 1143 |
| 1143 | 461920.8 | 1207490.33 | 13.96 | 174° 26' 14" | 1144 |
| 1144 | 461906.9 | 1207491.69 | 108.6 | 88° 23' 33" | 1145 |
| 1145 | 461909.95 | 1207600.24 | 25.16 | 178° 28' 33" | 1146 |
| 1146 | 461884.8 | 1207600.91 | 212.22 | 87° 58' 29" | 1147 |
| 1147 | 461892.3 | 1207813 | 38.93 | 163° 35' 8" | 1148 |
| 1148 | 461854.96 | 1207824 | 35.31 | 147° 50' 42" | 1149 |
| 1149 | 461825.07 | 1207842.79 | 165.89 | 146° 51' 32" | 1150 |
| 1150 | 461686.17 | 1207933.48 | 101.83 | 146° 45' 51" | 1151 |
| 1151 | 461601 | 1207989.29 | 263.58 | 182° 38' 47" | 1152 |
| 1152 | 461337.7 | 1207977.12 | 190.24 | 204° 14' 42" | 1153 |
| 1153 | 461164.24 | 1207899 | 261.77 | 205° 2' 20" | 1154 |
| 1154 | 460927.07 | 1207788.21 | 92.49 | 196° 59' 7" | 1155 |
| 1155 | 460838.61 | 1207761.19 | 199.81 | 207° 43' 0" | 1156 |
| 1156 | 460661.73 | 1207668.26 | 60.75 | 191° 24' 42" | 1157 |
| 1157 | 460602.18 | 1207656.24 | 168.15 | 98° 2' 52" | 1158 |
| 1158 | 460578.64 | 1207822.73 | 10.07 | 8° 3' 41" | 1159 |
| 1159 | 460588.61 | 1207824.14 | 83.78 | 13° 10' 13" | 1160 |
| 1160 | 460670.18 | 1207843.23 | 130.24 | 73° 26' 57" | 1161 |
| 1161 | 460707.28 | 1207968.07 | 109.79 | 170° 57' 17" | 1162 |
| 1162 | 460598.86 | 1207985.33 | 358.35 | 94° 11' 11" | 1163 |
| 1163 | 460572.7 | 1208342.72 | 317.69 | 84° 55' 6" | 1164 |
| 1164 | 460600.84 | 1208659.16 | 371.54 | 86° 12' 58" | 1165 |
| 1165 | 460625.36 | 1209029.89 | 208.36 | 84° 51' 33" | 1166 |
| 1166 | 460644.03 | 1209237.41 | 96.88 | 85° 28' 16" | 1167 |
| 1167 | 460651.68 | 1209333.99 | 249.97 | 84° 4' 50" | 1168 |
| 1168 | 460677.46 | 1209582.63 | 195.03 | 85° 41' 10" | 1169 |
| 1169 | 460692.13 | 1209777.11 | 133.73 | 86° 0' 29" | 1170 |
| 1170 | 460701.44 | 1209910.52 | 200.65 | 85° 58' 34" | 1171 |
| 1171 | 460715.52 | 1210110.68 | 69.02 | 86° 16' 41" | 1172 |
| 1172 | 460720 | 1210179.55 | 77.89 | 79° 36' 48" | 1173 |
| 1173 | 460734.04 | 1210256.16 | 436.35 | 85° 34' 53" | 1174 |
| 1174 | 460767.66 | 1210691.21 | 266.21 | 85° 17' 0" | 1175 |
| 1175 | 460789.55 | 1210956.52 | 117.66 | 84° 40' 11" | 1176 |
| 1176 | 460800.48 | 1211073.67 | 477.62 | 85° 52' 53" | 1177 |
| 1177 | 460834.78 | 1211550.06 | 14.13 | 358° 8' 21" | 1178 |
| 1178 | 460848.91 | 1211549.6 | 28.96 | 356° 28' 36" | 1179 |
| 1179 | 460877.82 | 1211547.82 | 144.15 | 350° 0' 10" | 1180 |
| 1180 | 461019.78 | 1211522.8 | 55.45 | 300° 26' 56" | 1181 |
| 1181 | 461047.88 | 1211474.99 | 54.77 | 315° 39' 30" | 1182 |
| 1182 | 461087.05 | 1211436.71 | 55.98 | 345° 30' 25" | 1183 |
| 1183 | 461141.25 | 1211422.7 | 52.78 | 270° 49' 30" | 1184 |
| 1184 | 461142.01 | 1211369.93 | 42.18 | 344° 31' 25" | 1185 |
| 1185 | 461182.66 | 1211358.67 | 95.15 | 265° 12' 21" | 1186 |
| 1186 | 461174.71 | 1211263.86 | 14.4 | 316° 24' 24" | 1187 |
| 1187 | 461185.14 | 1211253.93 | 105.86 | 333° 32' 21" | 1188 |
| 1188 | 461279.91 | 1211206.76 | 22.25 | 343° 12' 8" | 1189 |
| 1189 | 461301.21 | 1211200.33 | 13.47 | 345° 28' 8" | 1190 |
| 1190 | 461314.25 | 1211196.95 | 31.37 | 344° 15' 28" | 1191 |
| 1191 | 461344.44 | 1211188.44 | 42.6 | 344° 53' 3" | 1192 |
| 1192 | 461385.57 | 1211177.33 | 5.39 | 342° 10' 12" | 1193 |
| 1193 | 461390.7 | 1211175.68 | 67.49 | 345° 56' 13" | 1194 |
| 1194 | 461456.17 | 1211159.28 | 23.65 | 86° 18' 53" | 1195 |
| 1195 | 461457.69 | 1211182.88 | 135.84 | 86° 22' 13" | 1196 |
| 1196 | 461466.29 | 1211318.45 | 47.89 | 86° 54' 42" | 1197 |
| 1197 | 461468.87 | 1211366.27 | 36.42 | 85° 8' 56" | 1198 |
| 1198 | 461471.95 | 1211402.56 | 310.9 | 346° 52' 56" | 1199 |
| 1199 | 461774.74 | 1211332 | 32.58 | 275° 38' 14" | 1200 |
| 1200 | 461777.94 | 1211299.58 | 220.96 | 281° 53' 19" | 1201 |
| 1201 | 461823.46 | 1211083.36 | 245.23 | 275° 12' 45" | 1202 |
| 1202 | 461845.74 | 1210839.14 | 100.57 | 272° 3' 5" | 1203 |
| 1203 | 461849.34 | 1210738.63 | 136.86 | 272° 3' 7" | 1204 |
| 1204 | 461854.24 | 1210601.86 | 43.94 | 267° 0' 28" | 1205 |
| 1205 | 461851.95 | 1210557.98 | 6.32 | 3° 17' 33" | 1206 |
| 1206 | 461858.26 | 1210558.34 | 7.9 | 19° 22' 32" | 1207 |
| 1207 | 461865.71 | 1210560.96 | 106.06 | 17° 59' 9" | 1208 |
| 1208 | 461966.59 | 1210593.71 | 7.79 | 11° 9' 13" | 1209 |
| 1209 | 461974.23 | 1210595.22 | 6.22 | 4° 19' 3" | 1210 |
| 1210 | 461980.44 | 1210595.69 | 12.37 | 348° 18' 36" | 1211 |
| 1211 | 461992.55 | 1210593.18 | 247.02 | 2° 18' 22" | 1212 |
| 1212 | 462239.37 | 1210603.12 | 19.07 | 56° 43' 36" | 1213 |
| 1213 | 462249.83 | 1210619.06 | 30.62 | 2° 14' 44" | 1214 |
| 1214 | 462280.43 | 1210620.26 | 29.24 | 355° 43' 11" | 1215 |
| 1215 | 462309.59 | 1210618.08 | 2 | 357° 46' 50" | 1216 |
| 1216 | 462311.59 | 1210618 | 5.59 | 85° 12' 1" | 1217 |
| 1217 | 462312.06 | 1210623.57 | 1.74 | 359° 41' 53" | 1218 |
| 1218 | 462313.8 | 1210623.56 | 10.66 | 89° 39' 29" | 1219 |
| 1219 | 462313.86 | 1210634.22 | 4.66 | 359° 58' 45" | 1220 |
| 1220 | 462318.52 | 1210634.22 | 8.57 | 99° 8' 14" | 1221 |
| 1221 | 462317.16 | 1210642.68 | 1.43 | 103° 19' 19" | 1222 |
| 1222 | 462316.83 | 1210644.07 | 4.21 | 100° 8' 18" | 1223 |
| 1223 | 462316.09 | 1210648.21 | 64.24 | 358° 25' 49" | 1224 |
| 1224 | 462380.31 | 1210646.45 | 31.21 | 348° 13' 19" | 1225 |
| 1225 | 462410.86 | 1210640.08 | 63.69 | 259° 17' 43" | 1226 |
| 1226 | 462399.03 | 1210577.5 | 94.61 | 269° 46' 55" | 1227 |
| 1227 | 462398.67 | 1210482.89 | 70.1 | 319° 24' 30" | 1228 |
| 1228 | 462451.9 | 1210437.28 | 180.76 | 270° 54' 46" | 1229 |
| 1229 | 462454.78 | 1210256.54 | 59.99 | 287° 43' 20" | 1230 |
| 1230 | 462473.04 | 1210199.4 | 29.23 | 12° 23' 56" | 1231 |
| 1231 | 462501.58 | 1210205.68 | 41.25 | 275° 12' 36" | 1232 |
| 1232 | 462505.33 | 1210164.6 | 14.2 | 270° 53' 22" | 1233 |
| 1233 | 462505.55 | 1210150.4 | 68.09 | 358° 40' 38" | 1234 |
| 1234 | 462573.62 | 1210148.83 | 5.49 | 88° 19' 50" | 1235 |
| 1235 | 462573.78 | 1210154.32 | 34.03 | 94° 2' 37" | 1236 |
| 1236 | 462571.38 | 1210188.27 | 87.19 | 93° 38' 35" | 1237 |
| 1237 | 462565.84 | 1210275.28 | 6.62 | 93° 43' 20" | 1238 |
| 1238 | 462565.41 | 1210281.89 | 63.75 | 1° 15' 24" | 1239 |
| 1239 | 462629.14 | 1210283.29 | 10.55 | 275° 22' 17" | 1240 |
| 1240 | 462630.13 | 1210272.78 | 6.36 | 175° 24' 57" | 1241 |
| 1241 | 462623.79 | 1210273.29 | 86.12 | 272° 32' 37" | 1242 |
| 1242 | 462627.61 | 1210187.25 | 90.28 | 1° 13' 54" | 1243 |
| 1243 | 462717.87 | 1210189.19 | 44.02 | 1° 40' 46" | 1244 |
| 1244 | 462761.87 | 1210190.48 | 50.94 | 342° 45' 24" | 1245 |
| 1245 | 462810.52 | 1210175.38 | 124.17 | 6° 51' 18" | 1246 |
| 1246 | 462933.8 | 1210190.2 | 190.12 | 272° 21' 5" | 1247 |
| 1247 | 462941.6 | 1210000.24 | 187.29 | 272° 19' 32" | 1248 |
| 1248 | 462949.2 | 1209813.1 | 0.8 | 292° 49' 37" | 1249 |
| 1249 | 462949.51 | 1209812.37 | 167.65 | 309° 9' 26" | 1250 |
| 1250 | 463055.37 | 1209682.37 | 79.99 | 326° 58' 10" | 1251 |
| 1251 | 463122.43 | 1209638.77 | 8.59 | 1° 44' 2" | 1252 |
| 1252 | 463131.02 | 1209639.03 | 1 | 1° 43' 1" | 1253 |
| 1253 | 463132.02 | 1209639.06 | 159.12 | 1° 42' 38" | 1254 |
| 1254 | 463291.07 | 1209643.81 | 93.8 | 38° 55' 44" | 1255 |
| 1255 | 463364.04 | 1209702.75 | 409.8 | 303° 32' 48" | 1256 |
| 1256 | 463590.5 | 1209361.21 | 151.83 | 340° 47' 4" | 1257 |
| 1257 | 463733.87 | 1209311.24 | 346.66 | 12° 23' 11" | 1258 |
| 1258 | 464072.46 | 1209385.6 | 524.61 | 12° 51' 31" | 1259 |
| 1259 | 464583.91 | 1209502.35 | 84.97 | 106° 55' 15" | 1260 |
| 1260 | 464559.18 | 1209583.64 | 150.07 | 99° 34' 54" | 1261 |
| 1261 | 464534.2 | 1209731.62 | 115.22 | 96° 11' 53" | 1262 |
| 1262 | 464521.76 | 1209846.17 | 66.38 | 84° 9' 16" | 1263 |
| 1263 | 464528.52 | 1209912.2 | 42.27 | 90° 4' 58" | 1264 |
| 1264 | 464528.46 | 1209954.47 | 53.8 | 11° 20' 45" | 1265 |
| 1265 | 464581.21 | 1209965.05 | 181.44 | 11° 38' 15" | 1266 |
| 1266 | 464758.92 | 1210001.65 | 253.88 | 11° 32' 58" | 1267 |
| 1267 | 465007.66 | 1210052.48 | 206.38 | 9° 31' 8" | 1268 |
| 1268 | 465211.2 | 1210086.61 | 113.45 | 6° 53' 42" | 1269 |
| 1269 | 465323.83 | 1210100.23 | 302.55 | 246° 26' 25" | 1270 |
| 1270 | 465202.9 | 1209822.9 | 394.23 | 7° 21' 3" | 1271 |
| 1271 | 465593.89 | 1209873.34 | 160.22 | 78° 6' 24" | 1272 |
| 1272 | 465626.91 | 1210030.12 | 178.88 | 98° 23' 47" | 1273 |
| 1273 | 465600.79 | 1210207.08 | 234.31 | 105° 57' 29" | 1274 |
| 1274 | 465536.37 | 1210432.36 | 131.47 | 42° 35' 56" | 1275 |
| 1275 | 465633.15 | 1210521.35 | 185.09 | 45° 1' 11" | 1276 |
| 1276 | 465763.98 | 1210652.27 | 375.64 | 34° 48' 57" | 1277 |
| 1277 | 466072.38 | 1210866.74 | 249.5 | 88° 24' 30" | 1278 |
| 1278 | 466079.31 | 1211116.14 | 431.39 | 64° 49' 13" | 1279 |
| 1279 | 466262.85 | 1211506.54 | 277.7 | 65° 9' 9" | 1280 |
| 1280 | 466379.54 | 1211758.53 | 318.11 | 64° 13' 28" | 1281 |
| 1281 | 466517.87 | 1212044.99 | 115.58 | 21° 10' 18" | 1282 |
| 1282 | 466625.65 | 1212086.73 | 18.41 | 9° 24' 3" | 1283 |
| 1283 | 466643.81 | 1212089.74 | 0.32 | 355° 12' 37" | 1284 |
| 1284 | 466644.13 | 1212089.71 | 181.94 | 352° 3' 54" | 1285 |
| 1285 | 466824.33 | 1212064.6 | 56.03 | 352° 47' 45" | 1286 |
| 1286 | 466879.92 | 1212057.57 | 154.14 | 353° 59' 9" | 1287 |
| 1287 | 467033.21 | 1212041.42 | 215.47 | 354° 14' 19" | 1288 |
| 1288 | 467247.59 | 1212019.79 | 250.68 | 355° 29' 25" | 1289 |
| 1289 | 467497.49 | 1212000.08 | 105.68 | 43° 17' 10" | 1290 |
| 1290 | 467574.42 | 1212072.54 | 118.64 | 42° 4' 7" | 1291 |
| 1291 | 467662.49 | 1212152.03 | 83.36 | 24° 7' 58" | 1292 |
| 1292 | 467738.56 | 1212186.11 | 96.5 | 30° 33' 23" | 1293 |
| 1293 | 467821.66 | 1212235.17 | 159.14 | 55° 50' 8" | 1294 |
| 1294 | 467911.03 | 1212366.85 | 53.05 | 67° 4' 46" | 1295 |
| 1295 | 467931.69 | 1212415.71 | 40.19 | 66° 52' 1" | 1296 |
| 1296 | 467947.48 | 1212452.67 | 76.2 | 162° 55' 14" | 1297 |
| 1297 | 467874.64 | 1212475.05 | 117.43 | 162° 55' 50" | 1298 |
| 1298 | 467762.38 | 1212509.52 | 174.11 | 172° 35' 54" | 1299 |
| 1299 | 467589.72 | 1212531.95 | 144.77 | 174° 14' 37" | 1300 |
| 1300 | 467445.68 | 1212546.47 | 367.66 | 151° 30' 47" | 1301 |
| 1301 | 467122.53 | 1212721.83 | 118.45 | 136° 9' 47" | 1302 |
| 1302 | 467037.09 | 1212803.87 | 146.17 | 142° 50' 47" | 1303 |
| 1303 | 466920.59 | 1212892.15 | 8.52 | 190° 12' 10" | 1304 |
| 1304 | 466912.2 | 1212890.64 | 309.23 | 190° 18' 54" | 1305 |
| 1305 | 466607.97 | 1212835.27 | 20.5 | 189° 32' 40" | 1306 |
| 1306 | 466587.75 | 1212831.87 | 46.98 | 122° 59' 12" | 1307 |
| 1307 | 466562.17 | 1212871.28 | 45.51 | 87° 1' 39" | 1308 |
| 1308 | 466564.53 | 1212916.73 | 20.86 | 86° 42' 10" | 1309 |
| 1309 | 466565.73 | 1212937.56 | 132.34 | 101° 35' 43" | 1310 |
| 1310 | 466539.13 | 1213067.2 | 79.65 | 85° 30' 51" | 1311 |
| 1311 | 466545.36 | 1213146.61 | 117.85 | 113° 34' 3" | 1312 |
| 1312 | 466498.24 | 1213254.63 | 163.41 | 115° 23' 26" | 1313 |
| 1313 | 466428.17 | 1213402.26 | 309.24 | 82° 29' 2" | 1314 |
| 1314 | 466468.62 | 1213708.84 | 96.8 | 112° 5' 42" | 1315 |
| 1315 | 466432.21 | 1213798.53 | 65.71 | 21° 49' 33" | 1316 |
| 1316 | 466493.21 | 1213822.96 | 89.67 | 79° 44' 52" | 1317 |
| 1317 | 466509.17 | 1213911.2 | 106.82 | 91° 18' 13" | 1318 |
| 1318 | 466506.74 | 1214017.99 | 84.11 | 96° 51' 20" | 1319 |
| 1319 | 466496.7 | 1214101.5 | 89.25 | 81° 16' 28" | 1320 |
| 1320 | 466510.24 | 1214189.72 | 164.82 | 73° 24' 24" | 1321 |
| 1321 | 466557.31 | 1214347.68 | 65.99 | 61° 42' 25" | 1322 |
| 1322 | 466588.59 | 1214405.79 | 83.48 | 100° 33' 37" | 1323 |
| 1323 | 466573.29 | 1214487.86 | 179.27 | 19° 57' 15" | 1324 |
| 1324 | 466741.8 | 1214549.04 | 157.81 | 86° 38' 36" | 1325 |
| 1325 | 466751.04 | 1214706.58 | 81.19 | 130° 55' 11" | 1326 |
| 1326 | 466697.86 | 1214767.93 | 123.68 | 39° 4' 36" | 1327 |
| 1327 | 466793.87 | 1214845.89 | 142.73 | 81° 38' 57" | 1328 |
| 1328 | 466814.6 | 1214987.11 | 213.16 | 102° 16' 12" | 1329 |
| 1329 | 466769.3 | 1215195.4 | 12.1 | 47° 0' 37" | 1330 |
| 1330 | 466777.55 | 1215204.25 | 3.98 | 46° 49' 58" | 1331 |
| 1331 | 466780.27 | 1215207.15 | 12.6 | 76° 32' 56" | 1332 |
| 1332 | 466783.2 | 1215219.4 | 64.45 | 40° 23' 14" | 1333 |
| 1333 | 466832.29 | 1215261.16 | 141.08 | 26° 57' 53" | 1334 |
| 1334 | 466958.03 | 1215325.13 | 131.91 | 93° 35' 9" | 1335 |
| 1335 | 466949.78 | 1215456.78 | 89.44 | 86° 35' 47" | 1336 |
| 1336 | 466955.09 | 1215546.06 | 64.76 | 111° 23' 56" | 1337 |
| 1337 | 466931.46 | 1215606.36 | 132.3 | 186° 0' 33" | 1338 |
| 1338 | 466799.89 | 1215592.51 | 146.8 | 87° 34' 3" | 1339 |
| 1339 | 466806.12 | 1215739.18 | 73.11 | 60° 59' 41" | 1340 |
| 1340 | 466841.57 | 1215803.12 | 58 | 141° 8' 17" | 1341 |
| 1341 | 466796.41 | 1215839.51 | 59.64 | 109° 19' 9" | 1342 |
| 1342 | 466776.68 | 1215895.79 | 24.96 | 109° 22' 17" | 1343 |
| 1343 | 466768.4 | 1215919.34 | 95.46 | 111° 37' 31" | 1344 |
| 1344 | 466733.22 | 1216008.08 | 192.08 | 84° 53' 0" | 1345 |
| 1345 | 466750.35 | 1216199.39 | 99.54 | 74° 17' 48" | 1346 |
| 1346 | 466777.29 | 1216295.21 | 156.69 | 153° 48' 16" | 1347 |
| 1347 | 466636.69 | 1216364.38 | 38.63 | 153° 50' 41" | 1348 |
| 1348 | 466602.02 | 1216381.41 | 60.08 | 153° 46' 53" | 1349 |
| 1349 | 466548.12 | 1216407.95 | 73.7 | 182° 49' 23" | 1350 |
| 1350 | 466474.51 | 1216404.32 | 101.38 | 171° 57' 54" | 1351 |
| 1351 | 466374.13 | 1216418.49 | 62.3 | 178° 31' 42" | 1352 |
| 1352 | 466311.85 | 1216420.09 | 157.95 | 165° 35' 8" | 1353 |
| 1353 | 466158.87 | 1216459.41 | 68.47 | 246° 28' 58" | 1354 |
| 1354 | 466131.55 | 1216396.63 | 119.37 | 254° 9' 41" | 1355 |
| 1355 | 466098.97 | 1216281.79 | 83.55 | 195° 54' 28" | 1356 |
| 1356 | 466018.62 | 1216258.89 | 121.84 | 239° 59' 17" | 1357 |
| 1357 | 465957.68 | 1216153.39 | 153.48 | 153° 3' 58" | 1358 |
| 1358 | 465820.85 | 1216222.91 | 305.16 | 88° 1' 1" | 1359 |
| 1359 | 465831.41 | 1216527.89 | 26.83 | 88° 0' 47" | 1360 |
| 1360 | 465832.34 | 1216554.7 | 357.36 | 150° 34' 45" | 1361 |
| 1361 | 465521.07 | 1216730.24 | 79.44 | 79° 40' 54" | 1362 |
| 1362 | 465535.3 | 1216808.4 | 101.5 | 65° 14' 25" | 1363 |
| 1363 | 465577.81 | 1216900.57 | 80.62 | 97° 5' 48" | 1364 |
| 1364 | 465567.85 | 1216980.57 | 35.57 | 212° 5' 58" | 1365 |
| 1365 | 465537.72 | 1216961.67 | 8.32 | 168° 25' 10" | 1366 |
| 1366 | 465529.57 | 1216963.34 | 41.18 | 168° 24' 3" | 1367 |
| 1367 | 465489.23 | 1216971.62 | 156.17 | 168° 12' 8" | 1368 |
| 1368 | 465336.36 | 1217003.55 | 78.39 | 148° 7' 21" | 1369 |
| 1369 | 465269.79 | 1217044.95 | 84.97 | 47° 7' 3" | 1370 |
| 1370 | 465327.61 | 1217107.21 | 107.42 | 24° 47' 42" | 1371 |
| 1371 | 465425.13 | 1217152.26 | 103.56 | 49° 29' 58" | 1372 |
| 1372 | 465492.39 | 1217231.01 | 112.98 | 25° 30' 21" | 1373 |
| 1373 | 465594.36 | 1217279.66 | 103.82 | 9° 0' 38" | 1374 |
| 1374 | 465696.9 | 1217295.92 | 55.31 | 63° 11' 55" | 1375 |
| 1375 | 465721.84 | 1217345.29 | 79.02 | 148° 32' 33" | 1376 |
| 1376 | 465654.43 | 1217386.53 | 46.89 | 90° 37' 23" | 1377 |
| 1377 | 465653.92 | 1217433.42 | 63.29 | 157° 15' 50" | 1378 |
| 1378 | 465595.55 | 1217457.88 | 196.62 | 72° 52' 58" | 1379 |
| 1379 | 465653.42 | 1217645.79 | 132.98 | 167° 6' 29" | 1380 |
| 1380 | 465523.79 | 1217675.46 | 156.82 | 260° 48' 16" | 1381 |
| 1381 | 465498.73 | 1217520.66 | 99.74 | 273° 16' 13" | 1382 |
| 1382 | 465504.42 | 1217421.08 | 31.48 | 181° 11' 0" | 1383 |
| 1383 | 465472.95 | 1217420.43 | 23.01 | 175° 26' 19" | 1384 |
| 1384 | 465450.01 | 1217422.26 | 100.33 | 192° 42' 48" | 1385 |
| 1385 | 465352.14 | 1217400.18 | 159.28 | 155° 30' 32" | 1386 |
| 1386 | 465207.19 | 1217466.21 | 134.79 | 161° 17' 22" | 1387 |
| 1387 | 465079.52 | 1217509.45 | 93.43 | 267° 54' 52" | 1388 |
| 1388 | 465076.12 | 1217416.08 | 37.39 | 213° 6' 13" | 1389 |
| 1389 | 465044.8 | 1217395.66 | 75.99 | 224° 9' 8" | 1390 |
| 1390 | 464990.28 | 1217342.73 | 87.81 | 221° 56' 56" | 1391 |
| 1391 | 464924.97 | 1217284.03 | 64.4 | 201° 40' 39" | 1392 |
| 1392 | 464865.12 | 1217260.24 | 128.54 | 107° 27' 59" | 1393 |
| 1393 | 464826.54 | 1217382.85 | 69.29 | 104° 27' 27" | 1394 |
| 1394 | 464809.24 | 1217449.95 | 137.23 | 126° 8' 15" | 1395 |
| 1395 | 464728.31 | 1217560.78 | 328.45 | 90° 52' 52" | 1396 |
| 1396 | 464723.26 | 1217889.19 | 63.02 | 115° 33' 38" | 1397 |
| 1397 | 464696.07 | 1217946.04 | 310.18 | 159° 2' 50" | 1398 |
| 1398 | 464406.4 | 1218056.96 | 152.4 | 160° 18' 21" | 1399 |
| 1399 | 464262.91 | 1218108.32 | 37.3 | 63° 17' 51" | 1400 |
| 1400 | 464279.67 | 1218141.64 | 25.86 | 102° 23' 31" | 1401 |
| 1401 | 464274.12 | 1218166.9 | 34.04 | 164° 25' 4" | 1402 |
| 1402 | 464241.33 | 1218176.04 | 46.81 | 160° 3' 30" | 1403 |
| 1403 | 464197.33 | 1218192.01 | 44.42 | 75° 22' 10" | 1404 |
| 1404 | 464208.55 | 1218234.98 | 50 | 150° 3' 37" | 1405 |
| 1405 | 464165.22 | 1218259.94 | 4 | 141° 10' 58" | 1406 |
| 1406 | 464162.1 | 1218262.45 | 5.55 | 158° 57' 50" | 1407 |
| 1407 | 464156.92 | 1218264.44 | 54.49 | 147° 48' 32" | 1408 |
| 1408 | 464110.81 | 1218293.47 | 15.98 | 154° 42' 5" | 1409 |
| 1409 | 464096.36 | 1218300.3 | 33.03 | 152° 4' 9" | 1410 |
| 1410 | 464067.18 | 1218315.77 | 25.09 | 147° 42' 59" | 1411 |
| 1411 | 464045.97 | 1218329.17 | 29.74 | 150° 40' 6" | 1412 |
| 1412 | 464020.04 | 1218343.74 | 30.93 | 155° 52' 47" | 1413 |
| 1413 | 463991.81 | 1218356.38 | 8.71 | 149° 8' 15" | 1414 |
| 1414 | 463984.33 | 1218360.85 | 122.96 | 37° 8' 7" | 1415 |
| 1415 | 464082.36 | 1218435.08 | 0 | 0° 0' 0" | 1416 |
| 1416 | 464082.36 | 1218435.08 | 136.51 | 37° 8' 7" | 1417 |
| 1417 | 464191.18 | 1218517.49 | 41.9 | 350° 40' 41" | 1418 |
| 1418 | 464232.53 | 1218510.7 | 1.77 | 295° 33' 48" | 1419 |
| 1419 | 464233.29 | 1218509.11 | 49.09 | 323° 47' 21" | 1420 |
| 1420 | 464272.9 | 1218480.1 | 17.68 | 13° 43' 36" | 1421 |
| 1421 | 464290.08 | 1218484.3 | 72.89 | 53° 18' 36" | 1422 |
| 1422 | 464333.63 | 1218542.75 | 56.47 | 94° 47' 15" | 1423 |
| 1423 | 464328.92 | 1218599.02 | 90.82 | 86° 50' 15" | 1424 |
| 1424 | 464333.93 | 1218689.7 | 119.14 | 58° 34' 7" | 1425 |
| 1425 | 464396.06 | 1218791.36 | 166.53 | 87° 12' 56" | 1426 |
| 1426 | 464404.15 | 1218957.69 | 119.29 | 78° 50' 57" | 1427 |
| 1427 | 464427.22 | 1219074.73 | 589.57 | 320° 6' 45" | 1428 |
| 1428 | 464879.6 | 1218696.65 | 137.42 | 17° 46' 14" | 1429 |
| 1429 | 465010.46 | 1218738.59 | 333.94 | 23° 19' 23" | 1430 |
| 1430 | 465317.11 | 1218870.8 | 0.31 | 314° 59' 31" | 1431 |
| 1431 | 465317.33 | 1218870.58 | 0 | 0° 0' 0" | 1432 |
| 1432 | 465317.33 | 1218870.58 | 101.56 | 317° 8' 5" | 1433 |
| 1433 | 465391.77 | 1218801.49 | 64.85 | 287° 28' 46" | 1434 |
| 1434 | 465411.25 | 1218739.63 | 104.06 | 40° 51' 14" | 1435 |
| 1435 | 465489.96 | 1218807.7 | 97.99 | 95° 1' 24" | 1436 |
| 1436 | 465481.38 | 1218905.31 | 143.17 | 75° 1' 6" | 1437 |
| 1437 | 465518.39 | 1219043.61 | 127.84 | 26° 16' 6" | 1438 |
| 1438 | 465633.03 | 1219100.19 | 46.2 | 6° 15' 48" | 1439 |
| 1439 | 465678.95 | 1219105.23 | 114.49 | 36° 32' 6" | 1440 |
| 1440 | 465770.94 | 1219173.39 | 69.02 | 29° 36' 8" | 1441 |
| 1441 | 465830.95 | 1219207.48 | 49.28 | 8° 13' 1" | 1442 |
| 1442 | 465879.73 | 1219214.53 | 79.53 | 18° 32' 26" | 1443 |
| 1443 | 465955.14 | 1219239.82 | 205.42 | 60° 19' 52" | 1444 |
| 1444 | 466056.82 | 1219418.31 | 177.13 | 77° 23' 53" | 1445 |
| 1445 | 466095.46 | 1219591.17 | 111.24 | 6° 46' 57" | 1446 |
| 1446 | 466205.93 | 1219604.31 | 118.82 | 0° 48' 36" | 1447 |
| 1447 | 466324.73 | 1219605.99 | 84.59 | 351° 50' 2" | 1448 |
| 1448 | 466408.46 | 1219593.97 | 76.49 | 336° 51' 2" | 1449 |
| 1449 | 466478.79 | 1219563.9 | 403.34 | 336° 55' 27" | 1450 |
| 1450 | 466849.86 | 1219405.81 | 120.65 | 51° 36' 43" | 1451 |
| 1451 | 466924.78 | 1219500.38 | 30.63 | 139° 36' 56" | 1452 |
| 1452 | 466901.45 | 1219520.23 | 314.32 | 73° 38' 35" | 1453 |
| 1453 | 466989.97 | 1219821.83 | 52.6 | 179° 21' 7" | 1454 |
| 1454 | 466937.37 | 1219822.43 | 148.42 | 86° 31' 18" | 1455 |
| 1455 | 466946.38 | 1219970.57 | 68.68 | 16° 56' 54" | 1456 |
| 1456 | 467012.07 | 1219990.59 | 108.34 | 100° 40' 49" | 1457 |
| 1457 | 466992 | 1220097.06 | 94.87 | 94° 38' 16" | 1458 |
| 1458 | 466984.32 | 1220191.62 | 214.49 | 65° 57' 34" | 1459 |
| 1459 | 467071.7 | 1220387.5 | 66.27 | 89° 16' 49" | 1460 |
| 1460 | 467072.54 | 1220453.77 | 104.8 | 95° 36' 30" | 1461 |
| 1461 | 467062.29 | 1220558.07 | 53.2 | 88° 10' 39" | 1462 |
| 1462 | 467063.99 | 1220611.24 | 47.45 | 98° 10' 4" | 1463 |
| 1463 | 467057.25 | 1220658.21 | 106.07 | 87° 15' 9" | 1464 |
| 1464 | 467062.33 | 1220764.16 | 52.8 | 72° 49' 40" | 1465 |
| 1465 | 467077.92 | 1220814.61 | 50.46 | 84° 6' 27" | 1466 |
| 1466 | 467083.1 | 1220864.8 | 122.83 | 81° 48' 33" | 1467 |
| 1467 | 467100.6 | 1220986.38 | 10.44 | 162° 22' 51" | 1468 |
| 1468 | 467090.65 | 1220989.54 | 41.75 | 86° 48' 2" | 1469 |
| 1469 | 467092.98 | 1221031.22 | 27.91 | 7° 0' 1" | 1470 |
| 1470 | 467120.69 | 1221034.63 | 89.44 | 351° 6' 52" | 1471 |
| 1471 | 467209.05 | 1221020.81 | 18.31 | 20° 52' 51" | 1472 |
| 1472 | 467226.16 | 1221027.34 | 18.3 | 126° 48' 44" | 1473 |
| 1473 | 467215.19 | 1221041.99 | 118.43 | 81° 20' 28" | 1474 |
| 1474 | 467233.02 | 1221159.07 | 33.92 | 36° 32' 56" | 1475 |
| 1475 | 467260.27 | 1221179.27 | 22.17 | 78° 14' 1" | 1476 |
| 1476 | 467264.79 | 1221200.97 | 124.17 | 349° 51' 37" | 1477 |
| 1477 | 467387.02 | 1221179.11 | 28.25 | 350° 24' 3" | 1478 |
| 1478 | 467414.87 | 1221174.4 | 14.9 | 89° 16' 10" | 1479 |
| 1479 | 467415.06 | 1221189.3 | 75.02 | 359° 12' 20" | 1480 |
| 1480 | 467490.07 | 1221188.26 | 67.66 | 72° 31' 55" | 1481 |
| 1481 | 467510.38 | 1221252.8 | 69.44 | 153° 38' 30" | 1482 |
| 1482 | 467448.16 | 1221283.63 | 137.47 | 135° 31' 28" | 1483 |
| 1483 | 467350.07 | 1221379.94 | 102.68 | 3° 39' 47" | 1484 |
| 1484 | 467452.54 | 1221386.5 | 73.1 | 43° 7' 55" | 1485 |
| 1485 | 467505.89 | 1221436.48 | 70.74 | 55° 32' 46" | 1486 |
| 1486 | 467545.91 | 1221494.81 | 162.51 | 63° 48' 42" | 1487 |
| 1487 | 467617.63 | 1221640.64 | 51.78 | 63° 19' 52" | 1488 |
| 1488 | 467640.87 | 1221686.91 | 114.52 | 70° 29' 55" | 1489 |
| 1489 | 467679.1 | 1221794.86 | 146.18 | 69° 49' 11" | 1490 |
| 1490 | 467729.53 | 1221932.07 | 118.99 | 157° 15' 6" | 1491 |
| 1491 | 467619.8 | 1221978.08 | 133.38 | 201° 33' 29" | 1492 |
| 1492 | 467495.75 | 1221929.07 | 109.66 | 183° 6' 56" | 1493 |
| 1493 | 467386.25 | 1221923.11 | 66.29 | 113° 16' 12" | 1494 |
| 1494 | 467360.06 | 1221984.01 | 82.66 | 108° 18' 44" | 1495 |
| 1495 | 467334.09 | 1222062.48 | 44.71 | 154° 30' 45" | 1496 |
| 1496 | 467293.73 | 1222081.72 | 148.29 | 154° 30' 48" | 1497 |
| 1497 | 467159.87 | 1222145.53 | 129.34 | 177° 17' 17" | 1498 |
| 1498 | 467030.67 | 1222151.65 | 79.92 | 133° 56' 44" | 1499 |
| 1499 | 466975.21 | 1222209.19 | 245.94 | 123° 37' 18" | 1500 |
| 1500 | 466839.03 | 1222413.99 | 66.29 | 122° 38' 42" | 1501 |
| 1501 | 466803.27 | 1222469.81 | 226.62 | 96° 38' 56" | 1502 |
| 1502 | 466777.03 | 1222694.91 | 206.39 | 70° 33' 48" | 1503 |
| 1503 | 466845.71 | 1222889.54 | 59.72 | 106° 13' 44" | 1504 |
| 1504 | 466829.02 | 1222946.88 | 391.38 | 116° 36' 4" | 1505 |
| 1505 | 466653.77 | 1223296.83 | 88.24 | 94° 54' 6" | 1506 |
| 1506 | 466646.23 | 1223384.75 | 62.4 | 94° 43' 29" | 1507 |
| 1507 | 466641.09 | 1223446.94 | 58.82 | 65° 30' 16" | 1508 |
| 1508 | 466665.48 | 1223500.47 | 0.98 | 73° 24' 58" | 1509 |
| 1509 | 466665.76 | 1223501.41 | 103.31 | 75° 33' 17" | 1510 |
| 1510 | 466691.53 | 1223601.45 | 18.55 | 82° 22' 51" | 1511 |
| 1511 | 466693.99 | 1223619.84 | 53.17 | 82° 31' 58" | 1512 |
| 1512 | 466700.9 | 1223672.56 | 72.73 | 82° 31' 34" | 1513 |
| 1513 | 466710.36 | 1223744.67 | 48.48 | 82° 32' 0" | 1514 |
| 1514 | 466716.66 | 1223792.74 | 16.38 | 82° 37' 56" | 1515 |
| 1515 | 466718.76 | 1223808.98 | 44.28 | 82° 25' 15" | 1516 |
| 1516 | 466724.6 | 1223852.87 | 48.57 | 82° 22' 49" | 1517 |
| 1517 | 466731.04 | 1223901.01 | 127.34 | 82° 28' 57" | 1518 |
| 1518 | 466747.7 | 1224027.26 | 16.21 | 81° 33' 18" | 1519 |
| 1519 | 466750.08 | 1224043.29 | 31.64 | 84° 47' 44" | 1520 |
| 1520 | 466752.95 | 1224074.8 | 47.48 | 84° 21' 20" | 1521 |
| 1521 | 466757.62 | 1224122.05 | 70.45 | 84° 23' 14" | 1522 |
| 1522 | 466764.51 | 1224192.16 | 88.29 | 102° 50' 1" | 1523 |
| 1523 | 466744.9 | 1224278.24 | 39.31 | 102° 49' 51" | 1524 |
| 1524 | 466736.17 | 1224316.57 | 160.71 | 102° 50' 31" | 1525 |
| 1525 | 466700.45 | 1224473.26 | 95.76 | 169° 13' 14" | 1526 |
| 1526 | 466606.38 | 1224491.17 | 277.09 | 167° 43' 38" | 1527 |
| 1527 | 466335.62 | 1224550.07 | 85.9 | 112° 42' 29" | 1528 |
| 1528 | 466302.46 | 1224629.31 | 91.47 | 212° 27' 30" | 1529 |
| 1529 | 466225.28 | 1224580.22 | 94.28 | 173° 57' 16" | 1530 |
| 1530 | 466131.52 | 1224590.15 | 213.37 | 154° 6' 31" | 1531 |
| 1531 | 465939.57 | 1224683.32 | 52.02 | 155° 11' 55" | 1532 |
| 1532 | 465892.35 | 1224705.14 | 222.83 | 217° 55' 46" | 1533 |
| 1533 | 465716.59 | 1224568.17 | 70.77 | 217° 0' 39" | 1534 |
| 1534 | 465660.08 | 1224525.57 | 86.63 | 227° 41' 41" | 1535 |
| 1535 | 465601.77 | 1224461.5 | 64.42 | 224° 0' 45" | 1536 |
| 1536 | 465555.44 | 1224416.74 | 75.51 | 218° 39' 40" | 1537 |
| 1537 | 465496.48 | 1224369.57 | 166.9 | 220° 10' 32" | 1538 |
| 1538 | 465368.96 | 1224261.9 | 42.15 | 238° 29' 35" | 1539 |
| 1539 | 465346.93 | 1224225.96 | 103.09 | 210° 55' 26" | 1540 |
| 1540 | 465258.49 | 1224172.98 | 125.49 | 156° 24' 33" | 1541 |
| 1541 | 465143.49 | 1224223.2 | 195.69 | 154° 20' 14" | 1542 |
| 1542 | 464967.1 | 1224307.95 | 134 | 131° 33' 26" | 1543 |
| 1543 | 464878.21 | 1224408.22 | 161.53 | 130° 10' 6" | 1544 |
| 1544 | 464774.02 | 1224531.65 | 98.09 | 129° 55' 31" | 1545 |
| 1545 | 464711.07 | 1224606.87 | 54.26 | 147° 59' 23" | 1546 |
| 1546 | 464665.06 | 1224635.63 | 36.46 | 148° 13' 7" | 1547 |
| 1547 | 464634.07 | 1224654.83 | 37.28 | 145° 1' 42" | 1548 |
| 1548 | 464603.53 | 1224676.2 | 235.77 | 147° 18' 22" | 1549 |
| 1549 | 464405.11 | 1224803.55 | 101.27 | 143° 27' 47" | 1550 |
| 1550 | 464323.74 | 1224863.84 | 40.28 | 145° 4' 8" | 1551 |
| 1551 | 464290.72 | 1224886.9 | 44.21 | 145° 36' 34" | 1552 |
| 1552 | 464254.24 | 1224911.87 | 13.54 | 147° 49' 52" | 1553 |
| 1553 | 464242.78 | 1224919.08 | 27.11 | 148° 48' 23" | 1554 |
| 1554 | 464219.59 | 1224933.12 | 40.73 | 150° 29' 43" | 1555 |
| 1555 | 464184.14 | 1224953.18 | 14 | 62° 3' 31" | 1556 |
| 1556 | 464190.7 | 1224965.55 | 210.36 | 140° 39' 50" | 1557 |
| 1557 | 464028 | 1225098.89 | 142.26 | 144° 31' 8" | 1558 |
| 1558 | 463912.16 | 1225181.46 | 83.79 | 61° 51' 36" | 1559 |
| 1559 | 463951.68 | 1225255.35 | 27.46 | 63° 30' 44" | 1560 |
| 1560 | 463963.93 | 1225279.93 | 18.74 | 325° 12' 5" | 1561 |
| 1561 | 463979.32 | 1225269.23 | 40.24 | 62° 25' 21" | 1562 |
| 1562 | 463997.95 | 1225304.9 | 14.79 | 153° 30' 16" | 1563 |
| 1563 | 463984.71 | 1225311.5 | 109.77 | 60° 2' 4" | 1564 |
| 1564 | 464039.54 | 1225406.6 | 164.04 | 134° 44' 35" | 1565 |
| 1565 | 463924.07 | 1225523.11 | 44.58 | 62° 39' 53" | 1566 |
| 1566 | 463944.54 | 1225562.71 | 67.42 | 45° 7' 13" | 1567 |
| 1567 | 463992.11 | 1225610.48 | 137.12 | 66° 36' 28" | 1568 |
| 1568 | 464046.55 | 1225736.33 | 130.61 | 327° 0' 43" | 1569 |
| 1569 | 464156.1 | 1225665.22 | 50.27 | 39° 9' 49" | 1570 |
| 1570 | 464195.08 | 1225696.97 | 83.14 | 53° 6' 59" | 1571 |
| 1571 | 464244.98 | 1225763.47 | 13.84 | 341° 59' 2" | 1572 |
| 1572 | 464258.14 | 1225759.19 | 169.74 | 68° 2' 56" | 1573 |
| 1573 | 464321.59 | 1225916.62 | 16.44 | 135° 59' 10" | 1574 |
| 1574 | 464309.77 | 1225928.04 | 12.87 | 208° 38' 7" | 1575 |
| 1575 | 464298.47 | 1225921.87 | 51.6 | 152° 12' 30" | 1576 |
| 1576 | 464252.82 | 1225945.93 | 9.6 | 212° 13' 59" | 1577 |
| 1577 | 464244.7 | 1225940.81 | 18.96 | 109° 36' 4" | 1578 |
| 1578 | 464238.34 | 1225958.67 | 21.58 | 200° 32' 3" | 1579 |
| 1579 | 464218.13 | 1225951.1 | 35.08 | 179° 52' 10" | 1580 |
| 1580 | 464183.05 | 1225951.18 | 24.26 | 188° 37' 39" | 1581 |
| 1581 | 464159.06 | 1225947.54 | 19.67 | 125° 7' 41" | 1582 |
| 1582 | 464147.74 | 1225963.63 | 7.83 | 45° 21' 44" | 1583 |
| 1583 | 464153.24 | 1225969.2 | 15.46 | 80° 34' 49" | 1584 |
| 1584 | 464155.77 | 1225984.45 | 10.45 | 108° 13' 38" | 1585 |
| 1585 | 464152.5 | 1225994.38 | 15.7 | 155° 44' 14" | 1586 |
| 1586 | 464138.19 | 1226000.83 | 14.75 | 175° 10' 42" | 1587 |
| 1587 | 464123.49 | 1226002.07 | 19.36 | 209° 37' 26" | 1588 |
| 1588 | 464106.66 | 1225992.5 | 11.13 | 154° 54' 31" | 1589 |
| 1589 | 464096.58 | 1225997.22 | 9.2 | 100° 19' 57" | 1590 |
| 1590 | 464094.93 | 1226006.27 | 13.79 | 37° 59' 29" | 1591 |
| 1591 | 464105.8 | 1226014.76 | 11.39 | 159° 23' 5" | 1592 |
| 1592 | 464095.14 | 1226018.77 | 28.56 | 190° 35' 38" | 1593 |
| 1593 | 464067.07 | 1226013.52 | 13.27 | 159° 7' 14" | 1594 |
| 1594 | 464054.67 | 1226018.25 | 6.02 | 127° 42' 29" | 1595 |
| 1595 | 464050.99 | 1226023.01 | 105.41 | 70° 16' 20" | 1596 |
| 1596 | 464086.57 | 1226122.23 | 67.94 | 68° 8' 2" | 1597 |
| 1597 | 464111.87 | 1226185.28 | 104.17 | 69° 38' 21" | 1598 |
| 1598 | 464148.12 | 1226282.95 | 122.57 | 55° 44' 22" | 1599 |
| 1599 | 464217.12 | 1226384.25 | 66.31 | 343° 33' 40" | 1600 |
| 1600 | 464280.72 | 1226365.49 | 10.1 | 343° 37' 14" | 1601 |
| 1601 | 464290.41 | 1226362.64 | 33.67 | 62° 38' 20" | 1602 |
| 1602 | 464305.88 | 1226392.54 | 45.3 | 141° 55' 15" | 1603 |
| 1603 | 464270.22 | 1226420.48 | 53.18 | 155° 28' 43" | 1604 |
| 1604 | 464221.84 | 1226442.55 | 41.68 | 52° 31' 16" | 1605 |
| 1605 | 464247.2 | 1226475.63 | 31.87 | 322° 16' 11" | 1606 |
| 1606 | 464272.41 | 1226456.12 | 28.63 | 52° 34' 40" | 1607 |
| 1607 | 464289.81 | 1226478.86 | 31.86 | 144° 5' 12" | 1608 |
| 1608 | 464264.01 | 1226497.55 | 101.56 | 51° 22' 12" | 1609 |
| 1609 | 464327.41 | 1226576.88 | 846.89 | 50° 12' 42" | 1610 |
| 1610 | 464869.38 | 1227227.64 | 394.42 | 53° 55' 43" | 1611 |
| 1611 | 465101.61 | 1227546.44 | 40.5 | 166° 54' 51" | 1612 |
| 1612 | 465062.16 | 1227555.61 | 199.06 | 166° 55' 23" | 1613 |
| 1613 | 464868.26 | 1227600.65 | 318.02 | 186° 27' 42" | 1614 |
| 1614 | 464552.26 | 1227564.86 | 313.13 | 150° 57' 14" | 1615 |
| 1615 | 464278.51 | 1227716.89 | 97.56 | 158° 52' 56" | 1616 |
| 1616 | 464187.5 | 1227752.04 | 127.19 | 246° 50' 51" | 1617 |
| 1617 | 464137.49 | 1227635.09 | 53.67 | 151° 29' 12" | 1618 |
| 1618 | 464090.33 | 1227660.71 | 49.82 | 134° 39' 30" | 1619 |
| 1619 | 464055.31 | 1227696.15 | 13.37 | 163° 50' 33" | 1620 |
| 1620 | 464042.47 | 1227699.87 | 8.02 | 145° 40' 36" | 1621 |
| 1621 | 464035.85 | 1227704.39 | 5.86 | 145° 37' 52" | 1622 |
| 1622 | 464031.01 | 1227707.7 | 26.91 | 145° 33' 59" | 1623 |
| 1623 | 464008.82 | 1227722.92 | 9.78 | 144° 54' 41" | 1624 |
| 1624 | 464000.81 | 1227728.54 | 40.21 | 123° 20' 6" | 1625 |
| 1625 | 463978.71 | 1227762.14 | 6.69 | 122° 28' 31" | 1626 |
| 1626 | 463975.12 | 1227767.78 | 66.27 | 125° 36' 15" | 1627 |
| 1627 | 463936.54 | 1227821.66 | 36.72 | 138° 16' 42" | 1628 |
| 1628 | 463909.13 | 1227846.1 | 29.25 | 155° 5' 39" | 1629 |
| 1629 | 463882.6 | 1227858.42 | 25.37 | 232° 48' 8" | 1630 |
| 1630 | 463867.26 | 1227838.21 | 38.06 | 145° 58' 3" | 1631 |
| 1631 | 463835.72 | 1227859.51 | 43.26 | 165° 28' 32" | 1632 |
| 1632 | 463793.84 | 1227870.36 | 281.54 | 145° 30' 22" | 1633 |
| 1633 | 463561.8 | 1228029.8 | 82.9 | 79° 49' 19" | 1634 |
| 1634 | 463576.45 | 1228111.4 | 45.74 | 152° 41' 43" | 1635 |
| 1635 | 463535.81 | 1228132.38 | 169.49 | 241° 38' 35" | 1636 |
| 1636 | 463455.31 | 1227983.23 | 121.19 | 247° 40' 56" | 1637 |
| 1637 | 463409.29 | 1227871.12 | 130.36 | 254° 47' 59" | 1638 |
| 1638 | 463375.11 | 1227745.32 | 2.16 | 205° 51' 6" | 1639 |
| 1639 | 463373.17 | 1227744.38 | 13.72 | 206° 4' 46" | 1640 |
| 1640 | 463360.85 | 1227738.35 | 92.08 | 217° 15' 34" | 1641 |
| 1641 | 463287.56 | 1227682.6 | 24.29 | 263° 28' 30" | 1642 |
| 1642 | 463284.8 | 1227658.47 | 15.14 | 294° 30' 1" | 1643 |
| 1643 | 463291.08 | 1227644.69 | 96.35 | 294° 30' 13" | 1644 |
| 1644 | 463331.04 | 1227557.02 | 43.32 | 312° 55' 58" | 1645 |
| 1645 | 463360.55 | 1227525.3 | 42.57 | 219° 50' 6" | 1646 |
| 1646 | 463327.86 | 1227498.03 | 118.9 | 143° 14' 38" | 1647 |
| 1647 | 463232.6 | 1227569.18 | 80.48 | 158° 36' 45" | 1648 |
| 1648 | 463157.66 | 1227598.53 | 52.86 | 146° 17' 9" | 1649 |
| 1649 | 463113.69 | 1227627.87 | 201.33 | 129° 9' 0" | 1650 |
| 1650 | 462986.58 | 1227784 | 46.67 | 129° 13' 32" | 1651 |
| 1651 | 462957.07 | 1227820.15 | 57.88 | 134° 6' 40" | 1652 |
| 1652 | 462916.78 | 1227861.71 | 81.22 | 168° 39' 10" | 1653 |
| 1653 | 462837.15 | 1227877.69 | 60.23 | 103° 35' 19" | 1654 |
| 1654 | 462823 | 1227936.23 | 52.85 | 206° 30' 42" | 1655 |
| 1655 | 462775.71 | 1227912.64 | 201.15 | 92° 11' 38" | 1656 |
| 1656 | 462768.01 | 1228113.64 | 211.17 | 83° 1' 34" | 1657 |
| 1657 | 462793.65 | 1228323.25 | 55.8 | 152° 56' 4" | 1658 |
| 1658 | 462743.96 | 1228348.64 | 143.05 | 66° 11' 27" | 1659 |
| 1659 | 462801.71 | 1228479.52 | 83.04 | 47° 25' 32" | 1660 |
| 1660 | 462857.89 | 1228540.67 | 96.89 | 79° 27' 20" | 1661 |
| 1661 | 462875.62 | 1228635.92 | 41.2 | 66° 14' 30" | 1662 |
| 1662 | 462892.22 | 1228673.63 | 75.6 | 62° 43' 10" | 1663 |
| 1663 | 462926.87 | 1228740.82 | 82.48 | 68° 9' 22" | 1664 |
| 1664 | 462957.56 | 1228817.38 | 32.03 | 60° 27' 57" | 1665 |
| 1665 | 462973.35 | 1228845.25 | 119.02 | 50° 25' 1" | 1666 |
| 1666 | 463049.19 | 1228936.98 | 42.9 | 98° 5' 39" | 1667 |
| 1667 | 463043.15 | 1228979.45 | 29.05 | 354° 53' 3" | 1668 |
| 1668 | 463072.08 | 1228976.86 | 50.13 | 41° 4' 6" | 1669 |
| 1669 | 463109.87 | 1229009.79 | 115.45 | 166° 19' 16" | 1670 |
| 1670 | 462997.7 | 1229037.09 | 22.2 | 191° 33' 0" | 1671 |
| 1671 | 462975.94 | 1229032.65 | 42.24 | 108° 27' 38" | 1672 |
| 1672 | 462962.57 | 1229072.71 | 17.04 | 115° 57' 10" | 1673 |
| 1673 | 462955.11 | 1229088.03 | 12.33 | 111° 2' 58" | 1674 |
| 1674 | 462950.68 | 1229099.54 | 34.62 | 196° 54' 17" | 1675 |
| 1675 | 462917.56 | 1229089.47 | 36.96 | 100° 14' 16" | 1676 |
| 1676 | 462910.99 | 1229125.85 | 63.61 | 82° 12' 9" | 1677 |
| 1677 | 462919.62 | 1229188.87 | 91.45 | 78° 10' 28" | 1678 |
| 1678 | 462938.36 | 1229278.38 | 10.21 | 163° 59' 35" | 1679 |
| 1679 | 462928.55 | 1229281.19 | 12.04 | 22° 30' 49" | 1680 |
| 1680 | 462939.67 | 1229285.8 | 43.41 | 84° 32' 47" | 1681 |
| 1681 | 462943.8 | 1229329.01 | 1.18 | 48° 26' 51" | 1682 |
| 1682 | 462944.58 | 1229329.89 | 3.04 | 97° 45' 28" | 1683 |
| 1683 | 462944.17 | 1229332.9 | 12.02 | 95° 12' 11" | 1684 |
| 1684 | 462943.08 | 1229344.87 | 1.16 | 185° 57' 19" | 1685 |
| 1685 | 462941.93 | 1229344.75 | 4.94 | 100° 8' 57" | 1686 |
| 1686 | 462941.06 | 1229349.61 | 4.36 | 113° 55' 22" | 1687 |
| 1687 | 462939.29 | 1229353.6 | 12.15 | 95° 3' 12" | 1688 |
| 1688 | 462938.22 | 1229365.7 | 22.3 | 93° 48' 20" | 1689 |
| 1689 | 462936.74 | 1229387.95 | 13.06 | 11° 2' 4" | 1690 |
| 1690 | 462949.56 | 1229390.45 | 3.37 | 1° 1' 14" | 1691 |
| 1691 | 462952.93 | 1229390.51 | 22.88 | 1° 6' 7" | 1692 |
| 1692 | 462975.81 | 1229390.95 | 60.63 | 104° 48' 6" | 1693 |
| 1693 | 462960.32 | 1229449.57 | 27.53 | 129° 3' 34" | 1694 |
| 1694 | 462942.97 | 1229470.95 | 61.44 | 107° 47' 53" | 1695 |
| 1695 | 462924.19 | 1229529.45 | 100.9 | 200° 45' 27" | 1696 |
| 1696 | 462829.84 | 1229493.69 | 103.12 | 80° 27' 59" | 1697 |
| 1697 | 462846.92 | 1229595.39 | 63.61 | 66° 36' 40" | 1698 |
| 1698 | 462872.17 | 1229653.77 | 12.97 | 47° 31' 49" | 1699 |
| 1699 | 462880.93 | 1229663.34 | 10.68 | 328° 7' 32" | 1700 |
| 1700 | 462890 | 1229657.7 | 5.2 | 40° 23' 51" | 1701 |
| 1701 | 462893.96 | 1229661.07 | 34.08 | 57° 5' 2" | 1702 |
| 1702 | 462912.48 | 1229689.68 | 14.48 | 144° 18' 5" | 1703 |
| 1703 | 462900.72 | 1229698.13 | 51.01 | 60° 31' 31" | 1704 |
| 1704 | 462925.82 | 1229742.54 | 42.63 | 41° 36' 52" | 1705 |
| 1705 | 462957.69 | 1229770.85 | 4.38 | 41° 40' 3" | 1706 |
| 1706 | 462960.96 | 1229773.76 | 20.24 | 41° 34' 29" | 1707 |
| 1707 | 462976.1 | 1229787.19 | 22.09 | 46° 12' 37" | 1708 |
| 1708 | 462991.39 | 1229803.14 | 11.92 | 46° 13' 23" | 1709 |
| 1709 | 462999.64 | 1229811.75 | 26.42 | 46° 12' 42" | 1710 |
| 1710 | 463017.92 | 1229830.82 | 55.3 | 29° 18' 33" | 1711 |
| 1711 | 463066.14 | 1229857.89 | 15.82 | 58° 48' 45" | 1712 |
| 1712 | 463074.33 | 1229871.42 | 21.16 | 91° 31' 0" | 1713 |
| 1713 | 463073.77 | 1229892.57 | 34.99 | 130° 58' 2" | 1714 |
| 1714 | 463050.83 | 1229918.99 | 104.24 | 139° 57' 29" | 1715 |
| 1715 | 462971.03 | 1229986.05 | 168.46 | 35° 34' 41" | 1716 |
| 1716 | 463108.04 | 1230084.06 | 75.11 | 40° 21' 2" | 1717 |
| 1717 | 463165.28 | 1230132.69 | 132.66 | 44° 28' 29" | 1718 |
| 1718 | 463259.94 | 1230225.63 | 131.25 | 300° 40' 13" | 1719 |
| 1719 | 463326.89 | 1230112.74 | 245.77 | 20° 18' 42" | 1720 |
| 1720 | 463557.38 | 1230198.05 | 13.97 | 308° 56' 45" | 1721 |
| 1721 | 463566.16 | 1230187.19 | 76.7 | 17° 6' 18" | 1722 |
| 1722 | 463639.46 | 1230209.74 | 8.42 | 350° 38' 24" | 1723 |
| 1723 | 463647.78 | 1230208.37 | 47.16 | 16° 37' 52" | 1724 |
| 1724 | 463692.97 | 1230221.87 | 41.41 | 13° 41' 36" | 1725 |
| 1725 | 463733.2 | 1230231.68 | 75.91 | 22° 47' 54" | 1726 |
| 1726 | 463803.18 | 1230261.09 | 112.48 | 115° 23' 6" | 1727 |
| 1727 | 463754.96 | 1230362.71 | 108.55 | 47° 34' 7" | 1728 |
| 1728 | 463828.2 | 1230442.83 | 144.36 | 126° 30' 17" | 1729 |
| 1729 | 463742.32 | 1230558.87 | 0 | 0° 0' 0" | 1 |