

 Enable Latency Calculation

Loaded 200 satellites from local file.

| # | Name | Latitude | Longitude | Altitude (km) |
|---|---------------|----------|-----------|---------------|
| 1 | STARLINK-1008 | 27.44 | -13.80 | 547.88 |
| 2 | STARLINK-1010 | -8.05 | -55.63 | 292.88 |
| 3 | STARLINK-1011 | 51.05 | -72.89 | 330.38 |
| 4 | STARLINK-1012 | -52.91 | 90.70 | 566.37 |
| 5 | STARLINK-1017 | -36.27 | 39.28 | 533.64 |
| 6 | STARLINK-1019 | -50.71 | 122.96 | 565.41 |
| 7 | STARLINK-1020 | -50.69 | 95.05 | 565.66 |

| # | Name | Latitude | Longitude | Altitude (km) |
|------------------------------|---------------|----------|-----------|---|
| 8 | STARLINK-1031 | -37.75 | 144.67 | 442.54 |
| 9 | STARLINK-1036 | 52.92 | -52.76 | 552.63 |
| 10 | STARLINK-1039 | -52.76 | -144.67 | 552.63 |
| Latency Control Panel | | | | |
| 11 | STARLINK-1042 | - | - | Processing Delay: 190 ms |
| 12 | STARLINK-1043 | - | - | Transmission Delay: 90 ms |
| 13 | STARLINK-1046 | - | - | Queuing Delay: 38 ms |
| 14 | STARLINK-1047 | - | - | ISL Delay: 47 ms |
| 15 | STARLINK-1048 | - | - | Overhead Delay: 33 ms |
| 16 | STARLINK-1053 | - | - | Total Added Latency: 398 ms (Adds to displayed latency values; propagation calculations are unchanged.) |
| 17 | STARLINK-1054 | - | - | Set custom coordinates for Node A / Node B |
| 18 | STARLINK-1056 | - | - | A: |
| 19 | STARLINK-1060 | - | - | B: |
| 20 | STARLINK-1063 | - | - | Enable Algorithm Routing |
| 21 | STARLINK-1067 | - | - | Algorithm: |
| 22 | STARLINK-1068 | - | - | |
| 23 | STARLINK-1112 | - | - | |
| 24 | STARLINK-1114 | - | - | |
| 25 | STARLINK-1123 | - | - | |
| 26 | STARLINK-1144 | - | - | |
| 27 | STARLINK-1091 | - | - | |
| 28 | STARLINK-1094 | - | - | |
| 29 | STARLINK-1096 | - | - | |
| 30 | STARLINK-1122 | - | - | |
| 31 | STARLINK-1080 | - | - | |
| 32 | STARLINK-1090 | - | - | |
| 33 | STARLINK-1107 | - | - | |
| 34 | STARLINK-1132 | 40.00 | -50.00 | 551.57 |
| 35 | STARLINK-1131 | -11.82 | 118.60 | 550.39 |
| 36 | STARLINK-1134 | -40.85 | -132.07 | 507.05 |
| 37 | STARLINK-1156 | -4.42 | -74.26 | 549.31 |
| 38 | STARLINK-1159 | 13.21 | -61.03 | 514.53 |
| 39 | STARLINK-1166 | -27.78 | 132.26 | 555.57 |
| 40 | STARLINK-1169 | 3.44 | 106.47 | 546.97 |
| 41 | STARLINK-1171 | -40.94 | 148.14 | 494.90 |
| 42 | STARLINK-1133 | -3.97 | 92.03 | 548.52 |
| 43 | STARLINK-1167 | 34.38 | -60.16 | 548.93 |
| 44 | STARLINK-1168 | 19.93 | -75.22 | 547.42 |
| 45 | STARLINK-1172 | -27.60 | -113.97 | 556.19 |
| 46 | STARLINK-1153 | 52.89 | -9.55 | 552.88 |

| # | Name | Latitude | Longitude | Altitude (km) |
|----|---------------|----------|-----------|---------------|
| 47 | STARLINK-1151 | 11.92 | 80.04 | 546.92 |
| 48 | STARLINK-1190 | -16.56 | 56.15 | 313.47 |
| 49 | STARLINK-1173 | -20.00 | 56.15 | 313.47 |
| 50 | STARLINK-1185 | -20.00 | 56.15 | 313.47 |
| 51 | STARLINK-1183 | -20.00 | 56.15 | 313.47 |
| 52 | STARLINK-1176 | -20.00 | 56.15 | 313.47 |
| 53 | STARLINK-1142 | -20.00 | 56.15 | 313.47 |
| 54 | STARLINK-1152 | -20.00 | 56.15 | 313.47 |
| 55 | STARLINK-1184 | -20.00 | 56.15 | 313.47 |
| 56 | STARLINK-1193 | -20.00 | 56.15 | 313.47 |
| 57 | STARLINK-1143 | -20.00 | 56.15 | 313.47 |
| 58 | STARLINK-1202 | -20.00 | 56.15 | 313.47 |
| 59 | STARLINK-1216 | -20.00 | 56.15 | 313.47 |
| 60 | STARLINK-1225 | -20.00 | 56.15 | 313.47 |
| 61 | STARLINK-1230 | -20.00 | 56.15 | 313.47 |
| 62 | STARLINK-1234 | -20.00 | 56.15 | 313.47 |
| 63 | STARLINK-1269 | -20.00 | 56.15 | 313.47 |
| 64 | STARLINK-1154 | -20.00 | 56.15 | 313.47 |
| 65 | STARLINK-1199 | -20.00 | 56.15 | 313.47 |
| 66 | STARLINK-1209 | -20.00 | 56.15 | 313.47 |
| 67 | STARLINK-1210 | -20.00 | 56.15 | 313.47 |
| 68 | STARLINK-1231 | -20.00 | 56.15 | 313.47 |
| 69 | STARLINK-1271 | -20.00 | 56.15 | 313.47 |
| 70 | STARLINK-1191 | -20.00 | 56.15 | 313.47 |
| 71 | STARLINK-1212 | -20.00 | 56.15 | 313.47 |
| 72 | STARLINK-1215 | -20.00 | 56.15 | 313.47 |
| 73 | STARLINK-1221 | -49.07 | -119.54 | 412.13 |
| 74 | STARLINK-1222 | -20.03 | -6.77 | 553.25 |
| 75 | STARLINK-1226 | 3.95 | -173.91 | 547.35 |
| 76 | STARLINK-1227 | -12.05 | -161.76 | 550.49 |
| 77 | STARLINK-1246 | 46.43 | 177.21 | 551.13 |
| 78 | STARLINK-1270 | 52.93 | 107.19 | 552.68 |
| 79 | STARLINK-1279 | -2.95 | 135.38 | 452.92 |
| 80 | STARLINK-1301 | 43.68 | -78.12 | 475.59 |
| 81 | STARLINK-1306 | -52.29 | 63.67 | 380.73 |
| 82 | STARLINK-1262 | -27.37 | 11.83 | 555.90 |
| 83 | STARLINK-1273 | 52.94 | -92.98 | 552.88 |
| 84 | STARLINK-1276 | -50.63 | 54.78 | 565.88 |
| 85 | STARLINK-1277 | -46.96 | 116.47 | 565.05 |

| # | Name | Latitude | Longitude | Altitude (km) |
|------------------------------|---------------|----------|---|--------------------------|
| 86 | STARLINK-1281 | -34.76 | 137.79 | 558.94 |
| 87 | STARLINK-1300 | -11.92 | -1.87 | 550.34 |
| 88 | STARLINK-1302 | - | - | - |
| Latency Control Panel | | | | |
| 89 | STARLINK-1304 | | Processing Delay: 190 ms | |
| 90 | STARLINK-1305 | | | |
| 91 | STARLINK-1319 | | Transmission Delay: 90 ms | |
| 92 | STARLINK-1266 | | | |
| 93 | STARLINK-1267 | | | |
| 94 | STARLINK-1272 | | Queuing Delay: 38 ms | |
| 95 | STARLINK-1274 | | | |
| 96 | STARLINK-1280 | | ISL Delay: 47 ms | |
| 97 | STARLINK-1283 | | | |
| 98 | STARLINK-1284 | | Overhead Delay: 33 ms | |
| 99 | STARLINK-1292 | | | |
| 100 | STARLINK-1297 | | Total Added Latency: 398 ms | |
| 101 | STARLINK-1307 | | (Adds to displayed latency values; propagation calculations are unchanged.) | |
| 102 | STARLINK-1312 | | | |
| 103 | STARLINK-1255 | | Set custom coordinates for Node A / Node B | |
| 104 | STARLINK-1259 | | A: | B: |
| 105 | STARLINK-1260 | | | |
| 106 | STARLINK-1263 | | | |
| 107 | STARLINK-1265 | | | Enable Algorithm Routing |
| 108 | STARLINK-1278 | | | |
| 109 | STARLINK-1296 | | Algorithm: | |
| 110 | STARLINK-1298 | | | |
| 111 | STARLINK-1309 | | | |
| 112 | STARLINK-1316 | -40.37 | 5.23 | 552.00 |
| 113 | STARLINK-1318 | -50.59 | -5.50 | 407.68 |
| 114 | STARLINK-1286 | 45.67 | -141.74 | 479.99 |
| 115 | STARLINK-1308 | 40.95 | -150.48 | 550.22 |
| 116 | STARLINK-1329 | -34.69 | -39.77 | 558.67 |
| 117 | STARLINK-1338 | 11.91 | -80.02 | 546.55 |
| 118 | STARLINK-1350 | -5.65 | -114.07 | 471.76 |
| 119 | STARLINK-1362 | -7.77 | 102.91 | 549.54 |
| 120 | STARLINK-1368 | -27.25 | 86.40 | 556.00 |
| 121 | STARLINK-1371 | 41.13 | -111.73 | 550.08 |
| 122 | STARLINK-1372 | -50.67 | 43.15 | 565.68 |
| 123 | STARLINK-1373 | -3.79 | -68.10 | 548.22 |
| 124 | STARLINK-1294 | -52.16 | -29.95 | 412.32 |

| # | Name | Latitude | Longitude | Altitude (km) |
|------------------------------|---------------|----------|-----------|---|
| 125 | STARLINK-1325 | 53.20 | 129.26 | 400.92 |
| 126 | STARLINK-1327 | -19.81 | 73.42 | 553.25 |
| 127 | STARLINK-1336 | 22.77 | -157.55 | 553.25 |
| Latency Control Panel | | | | |
| 128 | STARLINK-1356 | | | Processing Delay: 190 ms |
| 129 | STARLINK-1357 | | | Transmission Delay: 90 ms |
| 130 | STARLINK-1361 | | | Queuing Delay: 38 ms |
| 131 | STARLINK-1363 | | | ISL Delay: 47 ms |
| 132 | STARLINK-1366 | | | Overhead Delay: 33 ms |
| 133 | STARLINK-1376 | | | |
| 134 | STARLINK-1320 | | | |
| 135 | STARLINK-1321 | | | |
| 136 | STARLINK-1328 | | | |
| 137 | STARLINK-1331 | | | |
| 138 | STARLINK-1333 | | | |
| 139 | STARLINK-1335 | | | Total Added Latency: 398 ms |
| 140 | STARLINK-1337 | | | (Adds to displayed latency values; propagation calculations are unchanged.) |
| 141 | STARLINK-1347 | | | Set custom coordinates for Node A / Node B |
| 142 | STARLINK-1360 | | | A: |
| 143 | STARLINK-1364 | | | B: |
| 144 | STARLINK-1365 | | | |
| 145 | STARLINK-1443 | | | |
| 146 | STARLINK-1446 | | | Enable Algorithm Routing |
| 147 | STARLINK-1448 | | | |
| 148 | STARLINK-1451 | | | Algorithm: |
| 149 | STARLINK-1452 | | | |
| 150 | STARLINK-1453 | | | |
| 151 | STARLINK-1454 | 40.12 | 121.05 | 551.00 |
| 152 | STARLINK-1456 | -11.78 | 60.08 | 550.29 |
| 153 | STARLINK-1457 | -40.96 | 28.57 | 561.51 |
| 154 | STARLINK-1458 | 3.80 | 71.90 | 548.22 |
| 155 | STARLINK-1460 | 11.58 | -119.77 | 546.87 |
| 156 | STARLINK-1392 | 50.69 | -176.90 | 552.07 |
| 157 | STARLINK-1394 | 43.84 | -166.85 | 550.59 |
| 158 | STARLINK-1402 | 40.76 | 92.72 | 490.48 |
| 159 | STARLINK-1404 | -15.84 | 46.80 | 551.61 |
| 160 | STARLINK-1413 | -44.01 | -74.68 | 562.71 |
| 161 | STARLINK-1417 | -52.11 | -47.00 | 566.08 |
| 162 | STARLINK-1420 | -50.78 | -74.53 | 565.65 |
| 163 | STARLINK-1422 | -15.83 | -108.70 | 551.68 |

| # | Name | Latitude | Longitude | Altitude (km) |
|------------------------------|---------------|---|-----------|---------------|
| 164 | STARLINK-1351 | -23.80 | 19.79 | 554.71 |
| 165 | STARLINK-1398 | -3.77 | -2.26 | 418.58 |
| 166 | STARLINK-1400 | - | - | - |
| Latency Control Panel | | | | |
| 167 | STARLINK-1403 | Processing Delay: 190 ms | | |
| 168 | STARLINK-1407 | Transmission Delay: 90 ms | | |
| 169 | STARLINK-1411 | Queuing Delay: 38 ms | | |
| 170 | STARLINK-1423 | ISL Delay: 47 ms | | |
| 171 | STARLINK-1433 | Overhead Delay: 33 ms | | |
| 172 | STARLINK-1434 | | | |
| 173 | STARLINK-1465 | | | |
| 174 | STARLINK-1471 | | | |
| 175 | STARLINK-1474 | | | |
| 176 | STARLINK-1475 | | | |
| 177 | STARLINK-1480 | | | |
| 178 | STARLINK-1500 | Total Added Latency: 398 ms (Adds to displayed latency values; propagation calculations are unchanged.) | | |
| 179 | STARLINK-1504 | | | |
| 180 | STARLINK-1506 | | | |
| 181 | STARLINK-1464 | Set custom coordinates for Node A / Node B | | |
| 182 | STARLINK-1477 | A: | | |
| 183 | STARLINK-1478 | B: | | |
| 184 | STARLINK-1484 | | | |
| 185 | STARLINK-1493 | Enable Algorithm Routing | | |
| 186 | STARLINK-1494 | | | |
| 187 | STARLINK-1502 | Algorithm: | | |
| 188 | STARLINK-1470 | | | |
| 189 | STARLINK-1482 | | | |
| 190 | STARLINK-1485 | 13.70 | -55.70 | 203.00 |
| 191 | STARLINK-1496 | -48.80 | 77.74 | 564.76 |
| 192 | STARLINK-1497 | 20.54 | 162.67 | 413.40 |
| 193 | STARLINK-1510 | -46.40 | 71.44 | 382.28 |
| 194 | STARLINK-1513 | 53.20 | -70.91 | 552.63 |
| 195 | STARLINK-1522 | -11.82 | -41.94 | 550.30 |
| 196 | STARLINK-1523 | 46.22 | -102.25 | 550.72 |
| 197 | STARLINK-1526 | 19.86 | -66.62 | 547.01 |
| 198 | STARLINK-1555 | -41.09 | -10.23 | 561.52 |
| 199 | STARLINK-1556 | -19.85 | 113.39 | 553.32 |
| 200 | STARLINK-1557 | -34.81 | 97.72 | 559.14 |

Table 1: Overall Instantaneous Latency (All Satellites & Ground Points)

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|--------------|
| STARLINK-1008 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1010 | St Johns, NL | 6186.43 | 418.636 ms |
| STARLINK-1011 | Marathon, Canada | 4039.36 | 411.474 ms |
| STARLINK-1012 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1017 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1019 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1020 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1031 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1036 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1039 | Cabo San Lucas, Mexico | 4039.36 | 411.474 ms |
| STARLINK-1042 | North Bend, USA | 4039.36 | 411.474 ms |
| STARLINK-1043 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1046 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1047 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1048 | Hawthorne, USA | 4039.36 | 411.474 ms |
| STARLINK-1053 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1054 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1056 | North Bend, USA | 4039.36 | 411.474 ms |
| STARLINK-1060 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1063 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1067 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1068 | Cabo San Lucas, Mexico | 4039.36 | 411.474 ms |
| STARLINK-1112 | Angeles, Philipines | 4039.36 | 411.474 ms |
| STARLINK-1114 | Akita, Japan | 4039.36 | 411.474 ms |
| STARLINK-1123 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1144 | St Johns, NL | 4039.36 | 411.474 ms |
| STARLINK-1091 | Angeles, Philipines | 4340.40 | 412.470 ms |
| STARLINK-1094 | St Johns, NL | 7545.97 | 423.171 ms |
| STARLINK-1096 | Angeles, Philippines | 10951.72 | 434.531 ms |
| STARLINK-1122 | Angeles, Philippines | 7254.96 | 422.200 ms |
| STARLINK-1080 | Angeles, Philippines | 6934.97 | 421.133 ms |
| STARLINK-1090 | Angeles, Philippines | 4691.61 | 413.650 ms |
| STARLINK-1107 | St Johns, NL | 6290.48 | 418.983 ms |
| STARLINK-1132 | St Johns, NL | 1058.10 | 401.529 ms |
| STARLINK-1131 | Angeles, Philippines | 3007.37 | 408.032 ms |
| STARLINK-1134 | Cabo San Lucas, Mexico | 7450.56 | 422.852 ms |
| STARLINK-1156 | Cabo San Lucas, Mexico | 4913.47 | 414.390 ms |
| STARLINK-1159 | St Johns, NL | 3891.81 | 410.982 ms |
| STARLINK-1166 | Angeles, Philippines | 4937.02 | 414.468 ms |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Enable Algorithm Routing

Algorithm:

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|--------------------------|
| STARLINK-1169 | Angeles, Philippines | 2021.12 | 404.742 ms |
| STARLINK-1171 | Angeles, Philippines | 6852.78 | 420.858 ms |
| STARLINK-1133 | Angeles, Philip | | |
| STARLINK-1167 | St Johns, | | |
| STARLINK-1168 | Merrillan, | | |
| STARLINK-1172 | Cabo San Lucas | | |
| STARLINK-1153 | St Johns, | | |
| STARLINK-1151 | Angeles, Phili | | |
| STARLINK-1190 | Angeles, Phili | | |
| STARLINK-1173 | St Johns, | | |
| STARLINK-1185 | Cabo San Lucas | | |
| STARLINK-1183 | Angeles, Phili | | |
| STARLINK-1176 | Angeles, Phili | | |
| STARLINK-1142 | Marathon, | | |
| STARLINK-1152 | St Johns, | | |
| STARLINK-1184 | St Johns, | | |
| STARLINK-1193 | St Johns, | | |
| STARLINK-1143 | Cabo San Lucas | | |
| STARLINK-1202 | North Bend, | | |
| STARLINK-1216 | Cabo San Lucas | | |
| STARLINK-1225 | Akita, Jap | | |
| STARLINK-1230 | Angeles, Phili | | Enable Algorithm Routing |
| STARLINK-1234 | Hawthorne, | | |
| STARLINK-1269 | Angeles, Phili | | Algorithm: |
| STARLINK-1154 | Angeles, Phili | | |
| STARLINK-1199 | St Johns, | | |
| STARLINK-1209 | St Johns, NL | 10170.20 | 431.924 ms |
| STARLINK-1210 | Cabo San Lucas, Mexico | 8225.80 | 425.438 ms |
| STARLINK-1231 | Akita, Japan | 3790.99 | 410.645 ms |
| STARLINK-1271 | Akita, Japan | 4775.72 | 413.930 ms |
| STARLINK-1191 | St Johns, NL | 7605.73 | 423.370 ms |
| STARLINK-1212 | Cabo San Lucas, Mexico | 9154.84 | 428.537 ms |
| STARLINK-1215 | Akita, Japan | 3857.21 | 410.866 ms |
| STARLINK-1221 | Cabo San Lucas, Mexico | 8144.88 | 425.168 ms |
| STARLINK-1222 | St Johns, NL | 8803.53 | 427.365 ms |
| STARLINK-1226 | Akita, Japan | 6088.12 | 418.308 ms |
| STARLINK-1227 | Cabo San Lucas, Mexico | 6858.23 | 420.877 ms |
| STARLINK-1246 | Akita, Japan | 3076.06 | 408.261 ms |
| STARLINK-1270 | Akita, Japan | 2885.24 | 407.624 ms |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Algorithm:

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|--------------|
| STARLINK-1279 | Angeles, Philippines | 2588.42 | 406.634 ms |
| STARLINK-1301 | Marathon, ON | 881.12 | 400.939 ms |
| STARLINK-1306 | Angeles, Philip | | |
| STARLINK-1262 | St Johns, | | |
| STARLINK-1273 | Marathon, | | |
| STARLINK-1276 | Angeles, Phili | | |
| STARLINK-1277 | Angeles, Phili | | |
| STARLINK-1281 | Angeles, Phili | | |
| STARLINK-1300 | St Johns, | | |
| STARLINK-1302 | St Johns, | | |
| STARLINK-1304 | Akita, Jap | | |
| STARLINK-1305 | St Johns, | | |
| STARLINK-1319 | Angeles, Phili | | |
| STARLINK-1266 | Angeles, Phili | | |
| STARLINK-1267 | Angeles, Phili | | |
| STARLINK-1272 | Marathon, | | |
| STARLINK-1274 | Akita, Jap | | |
| STARLINK-1280 | Angeles, Phili | | |
| STARLINK-1283 | Angeles, Phili | | |
| STARLINK-1284 | Angeles, Phili | | |
| STARLINK-1292 | Hawthorne, | | |
| STARLINK-1297 | Akita, Jap | | |
| STARLINK-1307 | North Bend, | | |
| STARLINK-1312 | Angeles, Phili | | |
| STARLINK-1255 | Angeles, Phili | | |
| STARLINK-1259 | North Bend, | | |
| STARLINK-1260 | North Bend, vva | 1933.55 | 404.400 ms |
| STARLINK-1263 | St Johns, NL | 3506.68 | 409.697 ms |
| STARLINK-1265 | Merrillan, WI | 304.41 | 399.015 ms |
| STARLINK-1278 | St Johns, NL | 8707.04 | 427.044 ms |
| STARLINK-1296 | Conrad, MT | 482.23 | 399.609 ms |
| STARLINK-1298 | Angeles, Philippines | 2625.25 | 406.757 ms |
| STARLINK-1309 | Akita, Japan | 2871.03 | 407.577 ms |
| STARLINK-1316 | St Johns, NL | 11648.86 | 436.856 ms |
| STARLINK-1318 | St Johns, NL | 11810.50 | 437.396 ms |
| STARLINK-1286 | North Bend, WA | 1536.22 | 403.124 ms |
| STARLINK-1308 | North Bend, WA | 2385.29 | 405.956 ms |
| STARLINK-1329 | St Johns, NL | 9234.47 | 428.803 ms |
| STARLINK-1338 | Cabo San Lucas, Mexico | 3382.37 | 409.282 ms |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Enable Algorithm Routing

Algorithm:

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|--------------|
| STARLINK-1350 | Cabo San Lucas, Mexico | 3207.07 | 408.698 ms |
| STARLINK-1362 | Angeles, Philippines | 3208.01 | 408.701 ms |
| STARLINK-1368 | Angeles, Philip | | |
| STARLINK-1371 | Conrad, M | | |
| STARLINK-1372 | Angeles, Phili | | |
| STARLINK-1373 | Cabo San Lucas | | |
| STARLINK-1294 | St Johns, | | |
| STARLINK-1325 | Akita, Jap | | |
| STARLINK-1327 | Angeles, Phili | | |
| STARLINK-1336 | Akita, Jap | | |
| STARLINK-1356 | Angeles, Phili | | |
| STARLINK-1357 | Angeles, Phili | | |
| STARLINK-1361 | Cabo San Lucas | | |
| STARLINK-1363 | Akita, Jap | | |
| STARLINK-1366 | Angeles, Phili | | |
| STARLINK-1376 | Cabo San Lucas | | |
| STARLINK-1320 | Akita, Jap | | |
| STARLINK-1321 | Angeles, Phili | | |
| STARLINK-1328 | Angeles, Phili | | |
| STARLINK-1331 | Akita, Jap | | |
| STARLINK-1333 | Angeles, Phili | | |
| STARLINK-1335 | Angeles, Phili | | |
| STARLINK-1337 | Cabo San Lucas | | |
| STARLINK-1347 | Angeles, Phili | | |
| STARLINK-1360 | Akita, Jap | | |
| STARLINK-1364 | Cabo San Lucas | | |
| STARLINK-1365 | Elwood, NL | 1500.00 | 403.293 ms |
| STARLINK-1443 | Cabo San Lucas, Mexico | 7178.03 | 421.943 ms |
| STARLINK-1446 | St Johns, NL | 10301.07 | 432.361 ms |
| STARLINK-1448 | Cabo San Lucas, Mexico | 5045.33 | 414.829 ms |
| STARLINK-1451 | Cabo San Lucas, Mexico | 3020.02 | 408.074 ms |
| STARLINK-1452 | Cabo San Lucas, Mexico | 10487.98 | 432.984 ms |
| STARLINK-1453 | Akita, Japan | 3733.91 | 410.455 ms |
| STARLINK-1454 | Akita, Japan | 1680.25 | 403.605 ms |
| STARLINK-1456 | Angeles, Philippines | 7303.29 | 422.361 ms |
| STARLINK-1457 | Angeles, Philippines | 11270.99 | 435.596 ms |
| STARLINK-1458 | Angeles, Philippines | 5473.42 | 416.257 ms |
| STARLINK-1460 | Cabo San Lucas, Mexico | 1639.29 | 403.468 ms |
| STARLINK-1392 | Akita, Japan | 3525.51 | 409.760 ms |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Enable Algorithm Routing

Algorithm:

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|---|
| STARLINK-1394 | North Bend, WA | 3478.22 | 409.602 ms |
| STARLINK-1402 | Angeles, Philippines | 3916.01 | 411.062 ms |
| STARLINK-1404 | Angeles, Philip | | |
| STARLINK-1413 | Cabo San Lucas, Mexico | | Processing Delay: 190 ms |
| STARLINK-1417 | Cabo San Lucas, Mexico | | |
| STARLINK-1420 | Cabo San Lucas, Mexico | | Transmission Delay: 90 ms |
| STARLINK-1422 | Cabo San Lucas, Mexico | | |
| STARLINK-1351 | St Johns, Newfoundland | | Queuing Delay: 38 ms |
| STARLINK-1398 | St Johns, Newfoundland | | |
| STARLINK-1400 | Akita, Japan | | ISL Delay: 47 ms |
| STARLINK-1403 | St Johns, Newfoundland | | |
| STARLINK-1407 | St Johns, Newfoundland | | Overhead Delay: 33 ms |
| STARLINK-1411 | St Johns, Newfoundland | | |
| STARLINK-1423 | Hawthorne, NJ | | |
| STARLINK-1433 | Cabo San Lucas, Mexico | | Total Added Latency: 398 ms |
| STARLINK-1434 | Cabo San Lucas, Mexico | | (Adds to displayed latency values; propagation calculations are unchanged.) |
| STARLINK-1465 | St Johns, Newfoundland | | |
| STARLINK-1471 | Angeles, Philippines | | |
| STARLINK-1474 | Angeles, Philippines | | |
| STARLINK-1475 | North Bend, WA | | |
| STARLINK-1480 | Angeles, Philippines | | |
| STARLINK-1500 | Angeles, Philippines | | Enable Algorithm Routing |
| STARLINK-1504 | Angeles, Philippines | | |
| STARLINK-1506 | Angeles, Philippines | | Algorithm: |
| STARLINK-1464 | Angeles, Philippines | | |
| STARLINK-1477 | St Johns, Newfoundland | | |
| STARLINK-1478 | Cabo San Lucas, Mexico | 4240.10 | 412.144 ms |
| STARLINK-1484 | Merrillan, WI | 448.69 | 399.497 ms |
| STARLINK-1493 | Merrillan, WI | 326.06 | 399.088 ms |
| STARLINK-1494 | Angeles, Philippines | 8922.82 | 427.763 ms |
| STARLINK-1502 | Angeles, Philippines | 7488.38 | 422.979 ms |
| STARLINK-1470 | Conrad, MT | 93.20 | 398.311 ms |
| STARLINK-1482 | Conrad, MT | 721.94 | 400.408 ms |
| STARLINK-1485 | St Johns, NL | 3817.23 | 410.733 ms |
| STARLINK-1496 | Angeles, Philippines | 8269.10 | 425.583 ms |
| STARLINK-1497 | Akita, Japan | 3026.10 | 408.094 ms |
| STARLINK-1510 | Angeles, Philippines | 8423.27 | 426.097 ms |
| STARLINK-1513 | Marathon, ON | 1145.61 | 401.821 ms |
| STARLINK-1522 | St Johns, NL | 6686.79 | 420.305 ms |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Enable Algorithm Routing

Algorithm:

| Satellite Name | Nearest Ground Station | Distance (km) | Latency (ms) |
|----------------|------------------------|---------------|--------------|
| STARLINK-1523 | Elwood, NE | 623.95 | 400.081 ms |
| STARLINK-1526 | St Johns, NL | 3320.61 | 409.076 ms |
| STARLINK-1555 | St Johns, NL | | |
| STARLINK-1556 | Angeles, Philipines | | |
| STARLINK-1557 | Angeles, Philipines | | |

Latency Control Panel

Processing Delay: 190 ms

Transmission Delay: 90 ms

Queuing Delay: 38 ms

ISL Delay: 47 ms

Overhead Delay: 33 ms

Total Added Latency: 398 ms

(Adds to displayed latency values; propagation calculations are unchanged.)

Set custom coordinates for Node A / Node B

A:

B:

Enable Algorithm Routing

Algorithm:

Table 4: Routing

| Algorithm | Path (Nodes) | Distance (km) | Latency (ms) |
|-----------|-------------------------------|---------------|--------------|
| dijkstra | STARLINK-1269 → STARLINK-1047 | 7776.83 | 423.941 ms |