

ISOK_ASSES_ER_IR_60_R_SIDE
05/08
Set #3

| TIME | TORQUE | POSITION | POS (ANAT) | VELOCITY |
|------|--------|----------|------------|----------|
| 0 | 0.0 | 123.8 | -47 | 0.0 |
| 10 | 0.8 | 123.8 | -47 | 0.5 |
| 20 | 1.1 | 123.8 | -47 | 0.7 |
| 30 | 1.4 | 123.8 | -47 | 0.7 |
| 40 | 9.4 | 123.8 | -47 | 1.5 |
| 50 | 9.4 | 123.8 | -47 | 2.3 |
| 60 | 9.6 | 123.7 | -47 | 2.6 |
| 70 | 14.0 | 123.7 | -47 | 4.2 |
| 80 | 17.2 | 123.6 | -47 | 7.9 |
| 90 | 10.8 | 123.5 | -47 | 12.5 |
| 100 | 10.0 | 123.4 | -47 | 14.9 |
| 110 | 13.2 | 123.3 | -47 | 16.5 |
| 120 | 15.5 | 123.1 | -47 | 18.9 |
| 130 | 13.3 | 122.9 | -46 | 22.8 |
| 140 | 12.2 | 122.7 | -46 | 26.3 |
| 150 | 14.1 | 122.4 | -46 | 29.0 |
| 160 | 15.5 | 122.1 | -46 | 32.4 |
| 170 | 13.8 | 121.8 | -45 | 37.0 |
| 180 | 13.2 | 121.4 | -45 | 40.7 |
| 190 | 14.9 | 121.1 | -45 | 35.9 |
| 200 | 15.6 | 120.6 | -44 | 44.1 |
| 210 | 14.2 | 120.1 | -44 | 48.4 |
| 220 | 14.0 | 119.6 | -43 | 52.1 |
| 230 | 15.5 | 119.1 | -43 | 55.6 |
| 240 | 15.6 | 118.5 | -42 | 59.9 |
| 250 | 17.2 | 117.9 | -41 | 60.1 |
| 260 | 18.7 | 117.3 | -41 | 60.1 |
| 270 | 18.0 | 116.7 | -40 | 60.1 |
| 280 | 17.6 | 116.1 | -40 | 60.1 |
| 290 | 17.5 | 115.5 | -39 | 60.1 |
| 300 | 18.2 | 114.9 | -38 | 60.1 |
| 310 | 18.3 | 114.3 | -38 | 60.4 |
| 320 | 18.0 | 113.7 | -37 | 60.1 |
| 330 | 17.6 | 113.1 | -37 | 60.1 |
| 340 | 17.6 | 112.5 | -36 | 60.1 |
| 350 | 17.9 | 111.9 | -35 | 60.4 |
| 360 | 17.9 | 111.2 | -35 | 60.1 |
| 370 | 18.0 | 110.6 | -34 | 60.1 |
| 380 | 17.9 | 110.0 | -34 | 60.1 |
| 390 | 18.2 | 109.4 | -33 | 60.1 |
| 400 | 18.6 | 108.8 | -32 | 60.4 |
| 410 | 18.4 | 108.2 | -32 | 60.1 |
| 420 | 18.0 | 107.6 | -31 | 60.1 |
| 430 | 17.9 | 107.0 | -31 | 60.4 |
| 440 | 18.0 | 106.4 | -30 | 60.1 |
| 450 | 18.0 | 105.8 | -29 | 60.4 |
| 460 | 17.6 | 105.2 | -29 | 60.4 |
| 470 | 17.8 | 104.6 | -28 | 60.4 |
| 480 | 17.9 | 104.0 | -28 | 60.1 |

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|------|------|-------|-----|------|
| 490 | 18.3 | 103.4 | -27 | 60.4 |
| 500 | 18.2 | 102.8 | -26 | 60.4 |
| 510 | 17.9 | 102.2 | -26 | 60.4 |
| 520 | 18.0 | 101.6 | -25 | 60.4 |
| 530 | 17.9 | 101.0 | -25 | 60.4 |
| 540 | 17.5 | 100.4 | -24 | 60.1 |
| 550 | 17.6 | 99.8 | -23 | 60.1 |
| 560 | 17.5 | 99.2 | -23 | 60.4 |
| 570 | 17.2 | 98.6 | -22 | 60.1 |
| 580 | 17.1 | 98.0 | -22 | 60.1 |
| 590 | 16.8 | 97.4 | -21 | 60.1 |
| 600 | 17.0 | 96.8 | -20 | 60.1 |
| 610 | 16.4 | 96.2 | -20 | 60.4 |
| 620 | 16.4 | 95.6 | -19 | 60.4 |
| 630 | 15.9 | 95.0 | -19 | 60.1 |
| 640 | 16.3 | 94.4 | -18 | 60.4 |
| 650 | 16.0 | 93.8 | -17 | 60.1 |
| 660 | 15.9 | 93.1 | -17 | 60.4 |
| 670 | 15.7 | 92.5 | -16 | 60.1 |
| 680 | 15.7 | 91.9 | -15 | 60.1 |
| 690 | 15.3 | 91.3 | -15 | 60.4 |
| 700 | 15.3 | 90.7 | -14 | 60.4 |
| 710 | 15.3 | 90.1 | -14 | 60.1 |
| 720 | 15.2 | 89.5 | -13 | 60.4 |
| 730 | 14.9 | 88.9 | -12 | 60.1 |
| 740 | 14.8 | 88.3 | -12 | 60.4 |
| 750 | 14.8 | 87.7 | -11 | 60.4 |
| 760 | 14.6 | 87.1 | -11 | 60.1 |
| 770 | 14.8 | 86.5 | -10 | 60.1 |
| 780 | 14.4 | 85.9 | -9 | 60.4 |
| 790 | 14.6 | 85.3 | -9 | 60.4 |
| 800 | 14.6 | 84.7 | -8 | 60.4 |
| 810 | 14.5 | 84.1 | -8 | 60.4 |
| 820 | 14.2 | 83.5 | -7 | 60.4 |
| 830 | 14.4 | 82.9 | -6 | 60.4 |
| 840 | 14.1 | 82.3 | -6 | 60.4 |
| 850 | 13.8 | 81.7 | -5 | 60.4 |
| 860 | 14.0 | 81.1 | -5 | 60.1 |
| 870 | 13.8 | 80.5 | -4 | 60.4 |
| 880 | 13.8 | 79.9 | -3 | 60.4 |
| 890 | 13.8 | 79.3 | -3 | 60.1 |
| 900 | 13.7 | 78.7 | -2 | 60.4 |
| 910 | 13.4 | 78.1 | -2 | 60.6 |
| 920 | 13.4 | 77.5 | -1 | 60.4 |
| 930 | 13.3 | 76.9 | 0 | 60.1 |
| 940 | 13.2 | 76.2 | 0 | 60.4 |
| 950 | 12.9 | 75.6 | 1 | 60.4 |
| 960 | 12.2 | 75.0 | 1 | 60.1 |
| 970 | 11.7 | 74.4 | 2 | 60.1 |
| 980 | 11.9 | 73.8 | 3 | 60.1 |
| 990 | 11.5 | 73.2 | 3 | 60.1 |
| 1000 | 11.8 | 72.6 | 4 | 60.1 |
| 1010 | 11.7 | 72.0 | 4 | 60.1 |
| 1020 | 11.9 | 71.4 | 5 | 60.1 |

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|------|-------|------|----|-------|
| 1030 | 12.1 | 70.8 | 6 | 60.4 |
| 1040 | 12.1 | 70.2 | 6 | 60.1 |
| 1050 | 11.9 | 69.6 | 7 | 60.1 |
| 1060 | 12.3 | 69.0 | 7 | 60.4 |
| 1070 | 12.5 | 68.4 | 8 | 60.1 |
| 1080 | 12.3 | 67.8 | 9 | 60.1 |
| 1090 | 12.1 | 67.2 | 9 | 60.4 |
| 1100 | 11.7 | 66.6 | 10 | 60.1 |
| 1110 | 11.5 | 66.0 | 10 | 60.1 |
| 1120 | 11.7 | 65.4 | 11 | 60.1 |
| 1130 | 11.8 | 64.8 | 12 | 60.4 |
| 1140 | 11.3 | 64.2 | 12 | 60.1 |
| 1150 | 11.4 | 63.6 | 13 | 60.1 |
| 1160 | 10.8 | 63.0 | 13 | 60.1 |
| 1170 | 10.2 | 62.4 | 14 | 60.1 |
| 1180 | 9.8 | 61.8 | 15 | 60.1 |
| 1190 | 9.8 | 61.2 | 15 | 60.1 |
| 1200 | 9.4 | 60.6 | 16 | 59.3 |
| 1210 | 15.7 | 60.1 | 16 | 55.6 |
| 1220 | 17.0 | 59.7 | 17 | 41.7 |
| 1230 | 13.7 | 59.3 | 17 | 29.8 |
| 1240 | 12.2 | 59.0 | 17 | 26.6 |
| 1250 | 12.7 | 58.8 | 18 | 19.1 |
| 1260 | 12.3 | 58.6 | 18 | 19.1 |
| 1270 | 11.4 | 58.5 | 18 | 13.8 |
| 1280 | 10.6 | 58.3 | 18 | 9.8 |
| 1290 | 9.4 | 58.3 | 18 | 9.8 |
| 1300 | 10.3 | 58.2 | 18 | 7.1 |
| 1310 | 10.6 | 58.1 | 18 | 5.3 |
| 1320 | 8.9 | 58.1 | 18 | 5.0 |
| 1330 | 8.1 | 58.0 | 18 | 3.7 |
| 1340 | 8.1 | 58.0 | 18 | 2.6 |
| 1350 | 7.7 | 58.0 | 18 | 2.3 |
| 1360 | 6.5 | 58.0 | 18 | 1.8 |
| 1370 | 4.9 | 57.9 | 19 | 1.8 |
| 1380 | 4.1 | 57.9 | 19 | 1.8 |
| 1390 | 3.8 | 57.9 | 19 | 1.5 |
| 1400 | 1.4 | 57.9 | 19 | 0.2 |
| 1410 | -0.3 | 57.9 | 19 | 0.2 |
| 1420 | -0.9 | 57.9 | 19 | 0.0 |
| 1430 | -3.8 | 57.9 | 19 | 1.0 |
| 1440 | -0.9 | 57.9 | 19 | 0.2 |
| 1450 | -1.8 | 57.9 | 19 | 0.0 |
| 1460 | -15.2 | 57.9 | 19 | -0.2 |
| 1470 | -5.0 | 57.9 | 19 | -4.5 |
| 1480 | -0.7 | 58.0 | 18 | -5.3 |
| 1490 | -5.4 | 58.0 | 18 | -7.7 |
| 1500 | -7.6 | 58.2 | 18 | -11.7 |
| 1510 | -7.1 | 58.3 | 18 | -16.7 |
| 1520 | -6.0 | 58.5 | 18 | -21.5 |
| 1530 | -8.7 | 58.8 | 18 | -26.0 |
| 1540 | -8.3 | 59.2 | 17 | -31.4 |
| 1550 | -8.0 | 59.6 | 17 | -37.0 |
| 1560 | -8.5 | 60.0 | 16 | -42.3 |

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|------|-------|------|-----|-------|
| 1570 | -9.9 | 60.5 | 16 | -47.6 |
| 1580 | -12.6 | 61.1 | 15 | -56.7 |
| 1590 | -16.5 | 61.7 | 15 | -57.2 |
| 1600 | -17.5 | 62.3 | 14 | -57.2 |
| 1610 | -17.6 | 62.8 | 14 | -56.9 |
| 1620 | -18.0 | 63.4 | 13 | -57.2 |
| 1630 | -19.7 | 64.0 | 12 | -58.0 |
| 1640 | -20.3 | 64.6 | 12 | -58.5 |
| 1650 | -21.0 | 65.1 | 11 | -58.8 |
| 1660 | -21.4 | 65.7 | 11 | -59.3 |
| 1670 | -21.4 | 66.3 | 10 | -59.3 |
| 1680 | -22.1 | 66.9 | 10 | -59.3 |
| 1690 | -22.8 | 67.5 | 9 | -59.3 |
| 1700 | -23.5 | 68.1 | 8 | -59.3 |
| 1710 | -23.5 | 68.7 | 8 | -59.6 |
| 1720 | -24.5 | 69.3 | 7 | -59.6 |
| 1730 | -25.5 | 69.9 | 7 | -59.3 |
| 1740 | -26.0 | 70.5 | 6 | -59.6 |
| 1750 | -26.0 | 71.1 | 5 | -59.6 |
| 1760 | -26.0 | 71.7 | 5 | -59.9 |
| 1770 | -25.9 | 72.3 | 4 | -59.6 |
| 1780 | -25.6 | 72.9 | 4 | -59.6 |
| 1790 | -25.5 | 73.5 | 3 | -59.3 |
| 1800 | -25.4 | 74.1 | 2 | -59.3 |
| 1810 | -26.3 | 74.7 | 2 | -59.9 |
| 1820 | -26.7 | 75.3 | 1 | -59.3 |
| 1830 | -26.7 | 75.9 | 1 | -59.6 |
| 1840 | -26.8 | 76.5 | 0 | -59.6 |
| 1850 | -27.4 | 77.0 | -1 | -59.6 |
| 1860 | -27.8 | 77.6 | -1 | -59.9 |
| 1870 | -28.2 | 78.2 | -2 | -59.6 |
| 1880 | -27.9 | 78.8 | -2 | -59.6 |
| 1890 | -28.5 | 79.4 | -3 | -59.6 |
| 1900 | -28.5 | 80.0 | -4 | -59.6 |
| 1910 | -28.6 | 80.6 | -4 | -59.6 |
| 1920 | -28.2 | 81.2 | -5 | -59.6 |
| 1930 | -27.9 | 81.8 | -5 | -59.6 |
| 1940 | -28.2 | 82.4 | -6 | -59.9 |
| 1950 | -28.3 | 83.0 | -7 | -59.9 |
| 1960 | -28.3 | 83.6 | -7 | -59.9 |
| 1970 | -28.1 | 84.2 | -8 | -59.6 |
| 1980 | -28.1 | 84.8 | -8 | -59.9 |
| 1990 | -28.2 | 85.4 | -9 | -59.6 |
| 2000 | -28.7 | 86.0 | -10 | -59.6 |
| 2010 | -29.0 | 86.6 | -10 | -59.6 |
| 2020 | -29.0 | 87.2 | -11 | -59.9 |
| 2030 | -28.9 | 87.8 | -11 | -60.1 |
| 2040 | -29.0 | 88.4 | -12 | -59.9 |
| 2050 | -29.3 | 89.0 | -13 | -59.9 |
| 2060 | -29.0 | 89.6 | -13 | -59.9 |
| 2070 | -28.9 | 90.2 | -14 | -60.1 |
| 2080 | -28.9 | 90.8 | -14 | -60.1 |
| 2090 | -28.9 | 91.4 | -15 | -59.9 |
| 2100 | -28.5 | 92.0 | -16 | -59.9 |

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|------|-------|-------|-----|-------|
| 2110 | -28.1 | 92.6 | -16 | -60.1 |
| 2120 | -27.9 | 93.2 | -17 | -59.9 |
| 2130 | -28.3 | 93.8 | -17 | -59.9 |
| 2140 | -28.3 | 94.4 | -18 | -59.9 |
| 2150 | -27.7 | 95.0 | -19 | -59.9 |
| 2160 | -27.7 | 95.6 | -19 | -59.9 |
| 2170 | -27.7 | 96.2 | -20 | -59.9 |
| 2180 | -28.1 | 96.8 | -20 | -59.9 |
| 2190 | -28.1 | 97.4 | -21 | -59.6 |
| 2200 | -27.9 | 98.0 | -22 | -60.1 |
| 2210 | -27.9 | 98.6 | -22 | -59.9 |
| 2220 | -28.2 | 99.2 | -23 | -59.9 |
| 2230 | -27.9 | 99.8 | -23 | -59.9 |
| 2240 | -28.1 | 100.4 | -24 | -59.9 |
| 2250 | -27.9 | 101.0 | -25 | -60.1 |
| 2260 | -28.1 | 101.6 | -25 | -59.9 |
| 2270 | -27.5 | 102.2 | -26 | -59.9 |
| 2280 | -27.5 | 102.8 | -26 | -59.6 |
| 2290 | -27.0 | 103.4 | -27 | -60.1 |
| 2300 | -27.0 | 104.0 | -28 | -59.9 |
| 2310 | -26.8 | 104.6 | -28 | -59.9 |
| 2320 | -25.8 | 105.2 | -29 | -59.6 |
| 2330 | -24.7 | 105.8 | -29 | -59.9 |
| 2340 | -24.4 | 106.4 | -30 | -59.9 |
| 2350 | -24.7 | 107.0 | -31 | -59.9 |
| 2360 | -24.5 | 107.6 | -31 | -59.6 |
| 2370 | -24.3 | 108.2 | -32 | -59.9 |
| 2380 | -23.9 | 108.8 | -32 | -59.9 |
| 2390 | -23.5 | 109.4 | -33 | -59.9 |
| 2400 | -23.3 | 110.0 | -34 | -59.6 |
| 2410 | -23.1 | 110.6 | -34 | -59.6 |
| 2420 | -22.6 | 111.2 | -35 | -59.9 |
| 2430 | -22.1 | 111.8 | -35 | -59.9 |
| 2440 | -21.8 | 112.4 | -36 | -59.6 |
| 2450 | -21.6 | 113.0 | -37 | -59.3 |
| 2460 | -21.6 | 113.6 | -37 | -59.6 |
| 2470 | -21.3 | 114.1 | -38 | -59.6 |
| 2480 | -21.7 | 114.7 | -38 | -59.6 |
| 2490 | -21.6 | 115.3 | -39 | -59.3 |
| 2500 | -21.3 | 115.9 | -39 | -59.6 |
| 2510 | -20.3 | 116.5 | -40 | -59.6 |
| 2520 | -19.8 | 117.1 | -41 | -59.6 |
| 2530 | -19.1 | 117.7 | -41 | -59.6 |
| 2540 | -18.6 | 118.3 | -42 | -59.3 |
| 2550 | -17.9 | 118.9 | -42 | -59.3 |
| 2560 | -17.1 | 119.5 | -43 | -59.6 |
| 2570 | -16.0 | 120.1 | -44 | -59.3 |
| 2580 | -15.2 | 120.7 | -44 | -59.1 |
| 2590 | -14.4 | 121.3 | -45 | -58.5 |
| 2600 | -20.7 | 121.8 | -45 | -48.1 |
| 2610 | -21.2 | 122.2 | -46 | -34.8 |
| 2620 | -14.9 | 122.5 | -46 | -27.9 |
| 2630 | -11.5 | 122.8 | -46 | -22.0 |
| 2640 | -11.9 | 123.0 | -47 | -17.8 |

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|------|-------|-------|-----|-------|
| 2650 | -11.4 | 123.2 | -47 | -14.3 |
| 2660 | -7.5 | 123.3 | -47 | -11.4 |
| 2670 | -5.4 | 123.4 | -47 | -8.7 |
| 2680 | -5.2 | 123.5 | -47 | -7.1 |
| 2690 | -4.2 | 123.6 | -47 | -5.5 |
| 2700 | -2.3 | 123.6 | -47 | -4.5 |
| 2710 | -1.1 | 123.7 | -47 | -3.7 |
| 2720 | -0.7 | 123.7 | -47 | -2.6 |
| 2730 | -0.3 | 123.7 | -47 | -2.1 |
| 2740 | 0.0 | 123.7 | -47 | -1.8 |
| 2750 | 0.0 | 123.7 | -47 | -1.3 |
| 2760 | -5.3 | 123.8 | -47 | -0.7 |
| 2770 | -3.9 | 123.8 | -47 | -0.7 |
| 2780 | -2.7 | 123.8 | -47 | -0.5 |
| 2790 | -1.6 | 123.8 | -47 | -0.2 |
| 2800 | -0.4 | 123.8 | -47 | -0.2 |
| 2810 | 0.0 | 123.8 | -47 | -0.2 |
| 2820 | 0.5 | 123.8 | -47 | 0.0 |
| 2830 | 0.8 | 123.8 | -47 | 0.2 |
| 2840 | 0.9 | 123.8 | -47 | 0.0 |
| 2850 | 0.9 | 123.8 | -47 | 0.5 |
| 2860 | 1.1 | 123.8 | -47 | 0.7 |
| 2870 | 12.2 | 123.8 | -47 | 1.3 |
| 2880 | 17.1 | 123.7 | -47 | 5.3 |
| 2890 | 11.0 | 123.6 | -47 | 9.3 |
| 2900 | 9.2 | 123.5 | -47 | 11.1 |
| 2910 | 13.3 | 123.4 | -47 | 12.5 |
| 2920 | 14.4 | 123.3 | -47 | 13.5 |
| 2930 | 12.6 | 123.1 | -47 | 14.9 |
| 2940 | 12.1 | 123.0 | -47 | 17.3 |
| 2950 | 12.9 | 122.8 | -46 | 19.4 |
| 2960 | 14.2 | 122.5 | -46 | 21.8 |
| 2970 | 14.0 | 122.3 | -46 | 24.4 |
| 2980 | 13.0 | 122.0 | -46 | 27.6 |
| 2990 | 13.7 | 121.6 | -45 | 30.0 |
| 3000 | 14.8 | 121.2 | -45 | 36.7 |
| 3010 | 14.1 | 120.9 | -44 | 40.7 |
| 3020 | 13.7 | 120.4 | -44 | 44.4 |
| 3030 | 14.5 | 119.9 | -43 | 47.9 |
| 3040 | 15.2 | 119.4 | -43 | 51.6 |
| 3050 | 14.5 | 118.9 | -42 | 55.9 |
| 3060 | 14.0 | 118.3 | -42 | 59.9 |
| 3070 | 16.7 | 117.7 | -41 | 60.4 |
| 3080 | 18.4 | 117.1 | -41 | 60.4 |
| 3090 | 17.5 | 116.5 | -40 | 60.1 |
| 3100 | 16.7 | 115.9 | -39 | 59.9 |
| 3110 | 17.2 | 115.3 | -39 | 60.1 |
| 3120 | 17.9 | 114.7 | -38 | 60.4 |
| 3130 | 18.3 | 114.1 | -38 | 60.1 |
| 3140 | 18.2 | 113.5 | -37 | 60.4 |
| 3150 | 17.4 | 112.9 | -36 | 60.1 |
| 3160 | 17.8 | 112.3 | -36 | 60.4 |
| 3170 | 18.3 | 111.7 | -35 | 60.4 |
| 3180 | 18.3 | 111.1 | -35 | 60.1 |

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|------|------|-------|-----|------|
| 3190 | 18.0 | 110.5 | -34 | 60.1 |
| 3200 | 18.0 | 109.9 | -33 | 60.1 |
| 3210 | 18.0 | 109.3 | -33 | 60.4 |
| 3220 | 18.4 | 108.7 | -32 | 60.1 |
| 3230 | 18.8 | 108.1 | -32 | 60.1 |
| 3240 | 18.6 | 107.5 | -31 | 60.4 |
| 3250 | 18.0 | 106.9 | -30 | 60.4 |
| 3260 | 18.3 | 106.2 | -30 | 60.4 |
| 3270 | 18.3 | 105.6 | -29 | 60.1 |
| 3280 | 18.2 | 105.0 | -29 | 60.4 |
| 3290 | 18.0 | 104.4 | -28 | 60.4 |
| 3300 | 18.4 | 103.8 | -27 | 60.4 |
| 3310 | 18.6 | 103.2 | -27 | 60.4 |
| 3320 | 18.6 | 102.6 | -26 | 60.4 |
| 3330 | 18.4 | 102.0 | -26 | 60.4 |
| 3340 | 19.0 | 101.4 | -25 | 60.6 |
| 3350 | 18.8 | 100.8 | -24 | 60.4 |
| 3360 | 17.9 | 100.2 | -24 | 60.4 |
| 3370 | 18.2 | 99.6 | -23 | 60.4 |
| 3380 | 18.6 | 99.0 | -23 | 60.4 |
| 3390 | 18.2 | 98.4 | -22 | 60.1 |
| 3400 | 17.8 | 97.8 | -21 | 60.4 |
| 3410 | 17.9 | 97.2 | -21 | 60.4 |
| 3420 | 17.1 | 96.6 | -20 | 60.4 |
| 3430 | 17.4 | 96.0 | -20 | 60.4 |
| 3440 | 17.2 | 95.4 | -19 | 60.1 |
| 3450 | 16.8 | 94.8 | -18 | 60.4 |
| 3460 | 16.5 | 94.2 | -18 | 60.4 |
| 3470 | 17.2 | 93.6 | -17 | 60.4 |
| 3480 | 17.0 | 93.0 | -17 | 60.4 |
| 3490 | 16.8 | 92.4 | -16 | 60.4 |
| 3500 | 17.1 | 91.8 | -15 | 60.1 |
| 3510 | 16.5 | 91.1 | -15 | 60.4 |
| 3520 | 17.0 | 90.5 | -14 | 60.4 |
| 3530 | 17.2 | 89.9 | -13 | 60.4 |
| 3540 | 17.0 | 89.3 | -13 | 60.1 |
| 3550 | 16.0 | 88.7 | -12 | 60.4 |
| 3560 | 15.6 | 88.1 | -12 | 60.4 |
| 3570 | 15.3 | 87.5 | -11 | 60.4 |
| 3580 | 15.5 | 86.9 | -10 | 60.4 |
| 3590 | 15.5 | 86.3 | -10 | 60.4 |
| 3600 | 15.1 | 85.7 | -9 | 60.4 |
| 3610 | 15.3 | 85.1 | -9 | 60.4 |
| 3620 | 15.3 | 84.5 | -8 | 60.4 |
| 3630 | 14.6 | 83.9 | -7 | 60.4 |
| 3640 | 15.2 | 83.3 | -7 | 60.6 |
| 3650 | 15.3 | 82.7 | -6 | 60.4 |
| 3660 | 15.2 | 82.1 | -6 | 60.4 |
| 3670 | 14.9 | 81.5 | -5 | 60.4 |
| 3680 | 14.9 | 80.9 | -4 | 60.4 |
| 3690 | 14.5 | 80.3 | -4 | 60.4 |
| 3700 | 14.8 | 79.7 | -3 | 60.4 |
| 3710 | 14.5 | 79.1 | -3 | 60.4 |
| 3720 | 14.0 | 78.5 | -2 | 60.6 |

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|------|------|------|----|------|
| 3730 | 13.6 | 77.9 | -1 | 60.4 |
| 3740 | 14.0 | 77.3 | -1 | 60.4 |
| 3750 | 13.8 | 76.7 | 0 | 60.4 |
| 3760 | 13.4 | 76.0 | 0 | 60.1 |
| 3770 | 13.3 | 75.4 | 1 | 60.4 |
| 3780 | 13.0 | 74.8 | 2 | 60.4 |
| 3790 | 13.4 | 74.2 | 2 | 60.4 |
| 3800 | 13.2 | 73.6 | 3 | 60.4 |
| 3810 | 13.3 | 73.0 | 3 | 60.4 |
| 3820 | 13.2 | 72.4 | 4 | 60.4 |
| 3830 | 13.3 | 71.8 | 5 | 60.4 |
| 3840 | 13.2 | 71.2 | 5 | 60.4 |
| 3850 | 13.4 | 70.6 | 6 | 60.1 |
| 3860 | 13.3 | 70.0 | 6 | 60.4 |
| 3870 | 13.3 | 69.4 | 7 | 60.1 |
| 3880 | 13.3 | 68.8 | 8 | 60.1 |
| 3890 | 13.0 | 68.2 | 8 | 60.4 |
| 3900 | 13.2 | 67.6 | 9 | 60.4 |
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| 3940 | 13.3 | 65.2 | 11 | 60.1 |
| 3950 | 13.2 | 64.6 | 12 | 60.4 |
| 3960 | 13.0 | 64.0 | 12 | 60.1 |
| 3970 | 13.2 | 63.4 | 13 | 60.1 |
| 3980 | 12.9 | 62.8 | 14 | 60.1 |
| 3990 | 12.3 | 62.2 | 14 | 60.1 |
| 4000 | 12.9 | 61.6 | 15 | 60.1 |
| 4010 | 12.7 | 61.0 | 15 | 60.1 |
| 4020 | 14.1 | 60.4 | 16 | 63.0 |
| 4030 | 20.5 | 59.9 | 17 | 52.4 |
| 4040 | 18.7 | 59.5 | 17 | 38.6 |
| 4050 | 15.2 | 59.2 | 17 | 27.4 |
| 4060 | 15.6 | 58.9 | 18 | 27.1 |
| 4070 | 15.5 | 58.7 | 18 | 19.9 |
| 4080 | 14.4 | 58.5 | 18 | 14.3 |
| 4090 | 13.7 | 58.4 | 18 | 13.8 |
| 4100 | 12.5 | 58.3 | 18 | 10.3 |
| 4110 | 11.5 | 58.2 | 18 | 7.1 |
| 4120 | 11.3 | 58.1 | 18 | 5.5 |
| 4130 | 10.6 | 58.1 | 18 | 5.5 |
| 4140 | 9.8 | 58.0 | 18 | 4.2 |
| 4150 | 9.4 | 58.0 | 18 | 3.1 |
| 4160 | 8.9 | 58.0 | 18 | 2.9 |
| 4170 | 8.5 | 57.9 | 19 | 2.3 |
| 4180 | 7.6 | 57.9 | 19 | 2.3 |
| 4190 | 7.2 | 57.9 | 19 | 2.3 |
| 4200 | 5.0 | 57.9 | 19 | 0.5 |
| 4210 | 3.7 | 57.9 | 19 | 0.0 |
| 4220 | 1.5 | 57.9 | 19 | 0.0 |
| 4230 | 1.1 | 57.9 | 19 | 0.0 |
| 4240 | 0.8 | 57.9 | 19 | 0.2 |
| 4250 | -0.3 | 57.9 | 19 | 0.0 |
| 4260 | -0.9 | 57.9 | 19 | 0.0 |

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| 4270 | -0.9 | 57.9 | 19 | 0.7 |
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| 4320 | -0.5 | 58.0 | 18 | -9.0 |
| 4330 | -8.5 | 58.1 | 18 | -13.3 |
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| 4350 | -7.2 | 58.5 | 18 | -26.6 |
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| 4450 | -18.4 | 63.4 | 13 | -57.2 |
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| 4550 | -22.5 | 69.3 | 7 | -59.6 |
| 4560 | -22.4 | 69.9 | 7 | -59.3 |
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| 4590 | -22.8 | 71.7 | 5 | -59.6 |
| 4600 | -22.4 | 72.3 | 4 | -59.6 |
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| 4650 | -23.5 | 75.3 | 1 | -59.3 |
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| 4670 | -23.2 | 76.5 | 0 | -59.6 |
| 4680 | -23.3 | 77.1 | -1 | -59.6 |
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| 4700 | -23.9 | 78.3 | -2 | -59.6 |
| 4710 | -23.5 | 78.9 | -2 | -59.6 |
| 4720 | -24.0 | 79.5 | -3 | -59.6 |
| 4730 | -24.5 | 80.1 | -4 | -59.6 |
| 4740 | -25.0 | 80.7 | -4 | -59.6 |
| 4750 | -24.7 | 81.3 | -5 | -59.6 |
| 4760 | -24.4 | 81.9 | -5 | -59.6 |
| 4770 | -24.8 | 82.4 | -6 | -59.6 |
| 4780 | -24.4 | 83.0 | -7 | -59.9 |
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| 4800 | -23.1 | 84.2 | -8 | -59.6 |

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| 4810 | -23.6 | 84.8 | -8 | -59.6 |
| 4820 | -23.5 | 85.4 | -9 | -59.6 |
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| 4840 | -24.3 | 86.6 | -10 | -59.6 |
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| 4860 | -23.2 | 87.8 | -11 | -59.6 |
| 4870 | -23.7 | 88.4 | -12 | -59.6 |
| 4880 | -23.9 | 89.0 | -13 | -59.6 |
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| 4900 | -22.8 | 90.2 | -14 | -59.9 |
| 4910 | -23.2 | 90.8 | -14 | -59.9 |
| 4920 | -23.9 | 91.4 | -15 | -59.6 |
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| 4940 | -23.9 | 92.6 | -16 | -59.9 |
| 4950 | -23.7 | 93.2 | -17 | -59.9 |
| 4960 | -23.7 | 93.8 | -17 | -59.9 |
| 4970 | -23.5 | 94.4 | -18 | -59.6 |
| 4980 | -23.2 | 95.0 | -19 | -59.6 |
| 4990 | -23.1 | 95.6 | -19 | -59.6 |
| 5000 | -22.9 | 96.2 | -20 | -59.9 |
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| 5080 | -22.2 | 101.0 | -25 | -59.9 |
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| 5120 | -22.4 | 103.4 | -27 | -59.9 |
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| 5170 | -23.5 | 106.4 | -30 | -59.9 |
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| 5190 | -24.1 | 107.6 | -31 | -59.9 |
| 5200 | -23.7 | 108.2 | -32 | -59.9 |
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| 5240 | -24.1 | 110.6 | -34 | -59.9 |
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| 5300 | -22.2 | 114.2 | -38 | -60.1 |
| 5310 | -23.1 | 114.8 | -38 | -59.9 |
| 5320 | -23.2 | 115.4 | -39 | -59.9 |
| 5330 | -23.1 | 116.0 | -40 | -59.9 |
| 5340 | -22.6 | 116.6 | -40 | -59.9 |

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|------|-------|-------|-----|-------|
| 5350 | -22.8 | 117.2 | -41 | -60.1 |
| 5360 | -23.1 | 117.8 | -41 | -60.1 |
| 5370 | -23.1 | 118.4 | -42 | -60.1 |
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| 5390 | -22.1 | 119.6 | -43 | -59.9 |
| 5400 | -22.0 | 120.2 | -44 | -60.1 |
| 5410 | -22.0 | 120.8 | -44 | -59.6 |
| 5420 | -21.6 | 121.4 | -45 | -58.5 |
| 5430 | -28.5 | 121.9 | -45 | -52.4 |
| 5440 | -29.7 | 122.3 | -46 | -38.8 |
| 5450 | -25.1 | 122.6 | -46 | -27.9 |
| 5460 | -22.9 | 122.8 | -46 | -22.0 |
| 5470 | -23.9 | 123.1 | -47 | -17.8 |
| 5480 | -23.6 | 123.2 | -47 | -17.5 |
| 5490 | -20.7 | 123.4 | -47 | -14.1 |
| 5500 | -19.3 | 123.5 | -47 | -10.9 |
| 5510 | -19.0 | 123.6 | -47 | -8.2 |
| 5520 | -18.3 | 123.6 | -47 | -5.8 |
| 5530 | -17.0 | 123.7 | -47 | -4.7 |
| 5540 | -16.3 | 123.7 | -47 | -3.4 |
| 5550 | -15.9 | 123.8 | -47 | -2.6 |
| 5560 | -14.4 | 123.8 | -47 | -1.8 |
| 5570 | -12.2 | 123.8 | -47 | -1.3 |
| 5580 | -9.6 | 123.8 | -47 | -1.0 |
| 5590 | -15.1 | 123.8 | -47 | -0.7 |
| 5600 | -11.9 | 123.8 | -47 | -0.5 |
| 5610 | -9.6 | 123.8 | -47 | 0.0 |
| 5620 | -7.3 | 123.8 | -47 | 0.0 |
| 5630 | -5.4 | 123.8 | -47 | 0.0 |
| 5640 | -4.3 | 123.8 | -47 | 0.0 |
| 5650 | -3.8 | 123.8 | -47 | 0.0 |
| 5660 | -3.7 | 123.8 | -47 | 0.0 |
| 5670 | -1.1 | 123.8 | -47 | 0.0 |
| 5680 | 0.9 | 123.8 | -47 | 0.2 |
| 5690 | 0.8 | 123.8 | -47 | 0.2 |
| 5700 | 0.7 | 123.8 | -47 | 0.7 |
| 5710 | 0.8 | 123.8 | -47 | 0.5 |
| 5720 | 0.8 | 123.8 | -47 | 0.7 |
| 5730 | 9.2 | 123.8 | -47 | 1.5 |
| 5740 | 11.1 | 123.8 | -47 | 2.1 |
| 5750 | 19.7 | 123.7 | -47 | 4.7 |
| 5760 | 13.7 | 123.6 | -47 | 9.0 |
| 5770 | 10.2 | 123.5 | -47 | 11.7 |
| 5780 | 14.5 | 123.4 | -47 | 13.3 |
| 5790 | 14.6 | 123.2 | -47 | 15.7 |
| 5800 | 14.2 | 123.0 | -47 | 19.1 |
| 5810 | 14.5 | 122.8 | -46 | 22.0 |
| 5820 | 14.2 | 122.5 | -46 | 25.2 |
| 5830 | 14.6 | 122.2 | -46 | 28.4 |
| 5840 | 15.3 | 121.8 | -45 | 31.6 |
| 5850 | 14.5 | 121.5 | -45 | 35.1 |
| 5860 | 14.1 | 121.1 | -45 | 38.3 |
| 5870 | 14.8 | 120.6 | -44 | 46.5 |
| 5880 | 15.5 | 120.1 | -44 | 50.3 |

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|------|------|-------|-----|------|
| 5890 | 15.2 | 119.5 | -43 | 54.8 |
| 5900 | 14.6 | 119.0 | -43 | 59.1 |
| 5910 | 16.8 | 118.4 | -42 | 60.4 |
| 5920 | 18.0 | 117.8 | -41 | 60.4 |
| 5930 | 17.4 | 117.2 | -41 | 60.1 |
| 5940 | 16.3 | 116.6 | -40 | 59.9 |
| 5950 | 16.0 | 116.0 | -40 | 59.9 |
| 5960 | 16.8 | 115.4 | -39 | 60.1 |
| 5970 | 17.2 | 114.7 | -38 | 60.1 |
| 5980 | 16.7 | 114.1 | -38 | 60.1 |
| 5990 | 16.8 | 113.5 | -37 | 60.1 |
| 6000 | 16.7 | 112.9 | -36 | 60.1 |
| 6010 | 17.2 | 112.3 | -36 | 60.4 |
| 6020 | 17.1 | 111.7 | -35 | 60.1 |
| 6030 | 17.0 | 111.1 | -35 | 60.1 |
| 6040 | 16.8 | 110.5 | -34 | 60.1 |
| 6050 | 17.1 | 109.9 | -33 | 60.1 |
| 6060 | 17.1 | 109.3 | -33 | 60.4 |
| 6070 | 17.2 | 108.7 | -32 | 60.1 |
| 6080 | 17.2 | 108.1 | -32 | 60.1 |
| 6090 | 17.5 | 107.5 | -31 | 60.4 |
| 6100 | 17.2 | 106.9 | -30 | 60.4 |
| 6110 | 17.2 | 106.3 | -30 | 60.1 |
| 6120 | 17.2 | 105.7 | -29 | 60.1 |
| 6130 | 16.8 | 105.1 | -29 | 60.4 |
| 6140 | 16.8 | 104.5 | -28 | 60.4 |
| 6150 | 16.8 | 103.9 | -27 | 60.4 |
| 6160 | 17.2 | 103.3 | -27 | 60.4 |
| 6170 | 17.1 | 102.7 | -26 | 60.4 |
| 6180 | 16.8 | 102.1 | -26 | 60.4 |
| 6190 | 17.0 | 101.5 | -25 | 60.4 |
| 6200 | 17.1 | 100.9 | -24 | 60.4 |
| 6210 | 16.7 | 100.3 | -24 | 60.4 |
| 6220 | 17.0 | 99.7 | -23 | 60.4 |
| 6230 | 16.8 | 99.1 | -23 | 60.4 |
| 6240 | 16.8 | 98.5 | -22 | 60.4 |
| 6250 | 16.8 | 97.9 | -21 | 60.1 |
| 6260 | 17.0 | 97.3 | -21 | 60.1 |
| 6270 | 16.8 | 96.7 | -20 | 60.4 |
| 6280 | 16.8 | 96.1 | -20 | 60.4 |
| 6290 | 17.1 | 95.5 | -19 | 60.4 |
| 6300 | 16.7 | 94.9 | -18 | 60.4 |
| 6310 | 17.0 | 94.3 | -18 | 60.4 |
| 6320 | 16.8 | 93.6 | -17 | 60.4 |
| 6330 | 17.2 | 93.0 | -17 | 60.4 |
| 6340 | 16.8 | 92.4 | -16 | 60.4 |
| 6350 | 17.0 | 91.8 | -15 | 60.1 |
| 6360 | 16.4 | 91.2 | -15 | 60.6 |
| 6370 | 16.8 | 90.6 | -14 | 60.4 |
| 6380 | 16.7 | 90.0 | -14 | 60.4 |
| 6390 | 16.7 | 89.4 | -13 | 60.4 |
| 6400 | 16.3 | 88.8 | -12 | 60.4 |
| 6410 | 16.0 | 88.2 | -12 | 60.4 |
| 6420 | 15.9 | 87.6 | -11 | 60.1 |

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|------|------|------|-----|------|
| 6430 | 16.0 | 87.0 | -11 | 60.4 |
| 6440 | 16.0 | 86.4 | -10 | 60.6 |
| 6450 | 15.9 | 85.8 | -9 | 60.6 |
| 6460 | 15.9 | 85.2 | -9 | 60.4 |
| 6470 | 16.0 | 84.6 | -8 | 60.1 |
| 6480 | 16.1 | 84.0 | -8 | 60.4 |
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| 6500 | 15.7 | 82.8 | -6 | 60.4 |
| 6510 | 15.5 | 82.2 | -6 | 60.6 |
| 6520 | 15.5 | 81.6 | -5 | 60.4 |
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| 6540 | 15.3 | 80.3 | -4 | 60.6 |
| 6550 | 15.6 | 79.7 | -3 | 60.6 |
| 6560 | 15.5 | 79.1 | -3 | 60.4 |
| 6570 | 14.8 | 78.5 | -2 | 60.4 |
| 6580 | 14.8 | 77.9 | -1 | 60.6 |
| 6590 | 15.1 | 77.3 | -1 | 60.4 |
| 6600 | 14.1 | 76.7 | 0 | 60.4 |
| 6610 | 13.8 | 76.1 | 0 | 60.1 |
| 6620 | 13.7 | 75.5 | 1 | 60.4 |
| 6630 | 13.3 | 74.9 | 2 | 60.4 |
| 6640 | 13.6 | 74.3 | 2 | 60.4 |
| 6650 | 13.6 | 73.7 | 3 | 60.4 |
| 6660 | 13.6 | 73.1 | 3 | 60.1 |
| 6670 | 13.6 | 72.5 | 4 | 60.1 |
| 6680 | 14.0 | 71.9 | 5 | 60.4 |
| 6690 | 14.0 | 71.3 | 5 | 60.1 |
| 6700 | 14.0 | 70.7 | 6 | 60.4 |
| 6710 | 14.2 | 70.1 | 6 | 60.4 |
| 6720 | 14.0 | 69.5 | 7 | 60.4 |
| 6730 | 13.7 | 68.9 | 8 | 60.4 |
| 6740 | 13.4 | 68.3 | 8 | 60.4 |
| 6750 | 13.6 | 67.7 | 9 | 60.4 |
| 6760 | 13.7 | 67.1 | 9 | 60.4 |
| 6770 | 14.0 | 66.5 | 10 | 60.1 |
| 6780 | 14.0 | 65.8 | 11 | 60.1 |
| 6790 | 14.1 | 65.2 | 11 | 60.4 |
| 6800 | 13.4 | 64.6 | 12 | 60.4 |
| 6810 | 13.7 | 64.0 | 12 | 60.4 |
| 6820 | 14.6 | 63.4 | 13 | 60.1 |
| 6830 | 14.5 | 62.8 | 14 | 60.1 |
| 6840 | 13.7 | 62.2 | 14 | 60.1 |
| 6850 | 14.1 | 61.6 | 15 | 60.1 |
| 6860 | 13.8 | 61.0 | 15 | 60.1 |
| 6870 | 14.6 | 60.5 | 16 | 52.1 |
| 6880 | 21.3 | 60.0 | 16 | 43.3 |
| 6890 | 20.2 | 59.5 | 17 | 39.1 |
| 6900 | 17.0 | 59.2 | 17 | 31.4 |
| 6910 | 17.1 | 58.9 | 18 | 27.6 |
| 6920 | 17.1 | 58.7 | 18 | 20.2 |
| 6930 | 15.5 | 58.5 | 18 | 14.3 |
| 6940 | 15.9 | 58.4 | 18 | 14.1 |
| 6950 | 14.4 | 58.3 | 18 | 10.3 |
| 6960 | 12.5 | 58.2 | 18 | 7.1 |

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|------|-------|------|----|-------|
| 6970 | 12.9 | 58.1 | 18 | 6.9 |
| 6980 | 12.5 | 58.1 | 18 | 5.8 |
| 6990 | 11.7 | 58.0 | 18 | 4.2 |
| 7000 | 11.3 | 58.0 | 18 | 3.1 |
| 7010 | 11.0 | 58.0 | 18 | 2.3 |
| 7020 | 10.2 | 57.9 | 19 | 2.1 |
| 7030 | 9.4 | 57.9 | 19 | 1.8 |
| 7040 | 8.3 | 57.9 | 19 | 2.1 |
| 7050 | 5.3 | 57.9 | 19 | 0.5 |
| 7060 | 3.4 | 57.9 | 19 | 0.0 |
| 7070 | 0.7 | 57.9 | 19 | 0.0 |
| 7080 | 0.4 | 57.9 | 19 | 0.0 |
| 7090 | -0.3 | 57.9 | 19 | 0.0 |
| 7100 | -1.2 | 57.9 | 19 | 0.5 |
| 7110 | -3.9 | 57.9 | 19 | 1.3 |
| 7120 | -1.1 | 57.9 | 19 | 0.2 |
| 7130 | -5.2 | 57.9 | 19 | 0.2 |
| 7140 | -10.0 | 57.9 | 19 | -2.6 |
| 7150 | -2.6 | 57.9 | 19 | -4.5 |
| 7160 | 0.0 | 58.0 | 18 | -7.7 |
| 7170 | -7.1 | 58.1 | 18 | -9.5 |
| 7180 | -5.8 | 58.2 | 18 | -14.9 |
| 7190 | -1.6 | 58.4 | 18 | -19.9 |
| 7200 | -5.2 | 58.6 | 18 | -23.1 |
| 7210 | -7.5 | 58.8 | 18 | -27.4 |
| 7220 | -4.2 | 59.1 | 17 | -33.5 |
| 7230 | -4.2 | 59.4 | 17 | -38.0 |
| 7240 | -8.3 | 59.8 | 17 | -42.3 |
| 7250 | -7.5 | 60.2 | 16 | -48.4 |
| 7260 | -5.6 | 60.7 | 16 | -54.5 |
| 7270 | -7.9 | 61.3 | 15 | -54.5 |
| 7280 | -12.2 | 61.8 | 15 | -56.7 |
| 7290 | -12.6 | 62.4 | 14 | -56.7 |
| 7300 | -11.8 | 63.0 | 13 | -56.7 |
| 7310 | -11.8 | 63.5 | 13 | -56.9 |
| 7320 | -13.0 | 64.1 | 12 | -56.7 |
| 7330 | -14.0 | 64.7 | 12 | -56.9 |
| 7340 | -14.0 | 65.2 | 11 | -56.7 |
| 7350 | -13.8 | 65.8 | 11 | -56.9 |
| 7360 | -14.8 | 66.4 | 10 | -56.9 |
| 7370 | -15.6 | 66.9 | 10 | -56.9 |
| 7380 | -16.0 | 67.5 | 9 | -56.9 |
| 7390 | -16.4 | 68.1 | 8 | -56.9 |
| 7400 | -17.1 | 68.7 | 8 | -57.2 |
| 7410 | -17.6 | 69.2 | 7 | -57.7 |
| 7420 | -17.4 | 69.8 | 7 | -58.0 |
| 7430 | -18.2 | 70.4 | 6 | -58.5 |
| 7440 | -18.7 | 71.0 | 5 | -58.8 |
| 7450 | -18.2 | 71.6 | 5 | -59.3 |
| 7460 | -18.4 | 72.2 | 4 | -59.3 |
| 7470 | -18.6 | 72.8 | 4 | -59.1 |
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| 8530 | -3.5 | 123.8 | -47 | 0.0 |
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| 8550 | -3.0 | 123.8 | -47 | 0.0 |
| 8560 | -3.1 | 123.8 | -47 | 0.0 |
| 8570 | -1.6 | 123.8 | -47 | 0.0 |
| 8580 | 0.4 | 123.8 | -47 | 0.0 |

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|------|------|-------|-----|------|
| 8590 | 0.8 | 123.8 | -47 | 0.0 |
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| 8640 | 14.0 | 123.8 | -47 | 2.3 |
| 8650 | 16.8 | 123.7 | -47 | 6.1 |
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| 8670 | 10.0 | 123.5 | -47 | 12.2 |
| 8680 | 13.4 | 123.4 | -47 | 13.8 |
| 8690 | 13.8 | 123.2 | -47 | 16.5 |
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| 8730 | 14.4 | 122.4 | -46 | 28.7 |
| 8740 | 13.8 | 122.1 | -46 | 32.4 |
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| 8770 | 14.5 | 121.0 | -45 | 42.8 |
| 8780 | 14.1 | 120.6 | -44 | 42.5 |
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| 8840 | 17.2 | 117.4 | -41 | 60.1 |
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| 9890 | 12.2 | 58.1 | 18 | 6.3 |
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| 10540 | -19.5 | 82.0 | -6 | -59.3 |
| 10550 | -19.4 | 82.6 | -6 | -59.6 |
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| 10570 | -19.4 | 83.8 | -7 | -59.3 |
| 10580 | -19.1 | 84.4 | -8 | -59.3 |
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| 10600 | -18.8 | 85.6 | -9 | -59.3 |
| 10610 | -18.8 | 86.2 | -10 | -59.3 |
| 10620 | -19.0 | 86.8 | -10 | -59.6 |
| 10630 | -18.3 | 87.4 | -11 | -59.6 |
| 10640 | -18.6 | 88.0 | -12 | -59.6 |
| 10650 | -19.3 | 88.6 | -12 | -59.3 |
| 10660 | -19.1 | 89.2 | -13 | -59.3 |
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| 10700 | -19.0 | 91.6 | -15 | -59.6 |
| 10710 | -19.3 | 92.2 | -16 | -59.6 |
| 10720 | -19.4 | 92.8 | -16 | -59.6 |
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| 10740 | -20.3 | 94.0 | -18 | -59.6 |

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| 10800 | -20.2 | 97.5 | -21 | -59.6 |
| 10810 | -19.9 | 98.1 | -22 | -59.9 |
| 10820 | -19.9 | 98.7 | -22 | -59.9 |
| 10830 | -20.2 | 99.3 | -23 | -59.6 |
| 10840 | -20.1 | 99.9 | -23 | -59.9 |
| 10850 | -19.9 | 100.5 | -24 | -59.9 |
| 10860 | -20.1 | 101.1 | -25 | -59.9 |
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| 11050 | -20.5 | 112.5 | -36 | -59.9 |
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| 11130 | -18.4 | 117.3 | -41 | -59.9 |
| 11140 | -18.6 | 117.9 | -41 | -59.9 |
| 11150 | -18.7 | 118.5 | -42 | -59.6 |
| 11160 | -18.3 | 119.1 | -43 | -59.9 |
| 11170 | -18.3 | 119.7 | -43 | -59.9 |
| 11180 | -18.3 | 120.3 | -44 | -59.9 |
| 11190 | -18.4 | 120.9 | -44 | -59.9 |
| 11200 | -19.3 | 121.5 | -45 | -63.0 |
| 11210 | -26.4 | 121.9 | -45 | -45.7 |
| 11220 | -27.1 | 122.3 | -46 | -33.2 |
| 11230 | -20.7 | 122.6 | -46 | -26.6 |
| 11240 | -19.4 | 122.9 | -46 | -21.2 |
| 11250 | -21.0 | 123.1 | -47 | -17.3 |
| 11260 | -20.5 | 123.2 | -47 | -13.8 |
| 11270 | -17.5 | 123.4 | -47 | -10.9 |
| 11280 | -16.8 | 123.5 | -47 | -8.5 |

| | | | | |
|-------|-------|-------|-----|------|
| 11290 | -17.1 | 123.6 | -47 | -7.1 |
| 11300 | -15.9 | 123.6 | -47 | -5.8 |
| 11310 | -14.0 | 123.7 | -47 | -4.5 |
| 11320 | -13.2 | 123.7 | -47 | -3.1 |
| 11330 | -13.0 | 123.8 | -47 | -2.6 |
| 11340 | -11.4 | 123.8 | -47 | -2.1 |
| 11350 | -8.4 | 123.8 | -47 | -1.3 |
| 11360 | -5.8 | 123.8 | -47 | -1.0 |
| 11370 | -11.9 | 123.8 | -47 | -0.7 |
| 11380 | -9.4 | 123.8 | -47 | -0.7 |
| 11390 | -7.3 | 123.8 | -47 | -0.2 |
| 11400 | -5.7 | 123.8 | -47 | 0.0 |
| 11410 | -3.9 | 123.8 | -47 | 0.0 |
| 11420 | -2.6 | 123.8 | -47 | 0.0 |
| 11430 | -1.4 | 123.8 | -47 | 0.0 |
| 11440 | -0.5 | 123.8 | -47 | 0.0 |
| 11450 | -0.3 | 123.8 | -47 | 0.0 |
| 11460 | 0.0 | 123.8 | -47 | 0.0 |
| 11470 | 0.7 | 123.8 | -47 | 0.0 |
| 11480 | 0.8 | 123.8 | -47 | 0.2 |
| 11490 | 1.1 | 123.8 | -47 | 0.5 |
| 11500 | 1.1 | 123.8 | -47 | 0.7 |
| 11510 | 9.5 | 123.8 | -47 | 1.0 |
| 11520 | 16.1 | 123.8 | -47 | 2.3 |
| 11530 | 16.8 | 123.7 | -47 | 6.1 |
| 11540 | 10.6 | 123.6 | -47 | 9.5 |
| 11550 | 10.6 | 123.5 | -47 | 10.9 |
| 11560 | 14.5 | 123.4 | -47 | 12.5 |
| 11570 | 14.8 | 123.2 | -47 | 15.4 |
| 11580 | 13.0 | 123.0 | -47 | 18.3 |
| 11590 | 13.2 | 122.8 | -46 | 21.0 |
| 11600 | 13.6 | 122.5 | -46 | 23.6 |
| 11610 | 14.9 | 122.3 | -46 | 26.3 |
| 11620 | 14.0 | 121.9 | -45 | 29.5 |
| 11630 | 13.7 | 121.6 | -45 | 32.7 |
| 11640 | 14.9 | 121.2 | -45 | 35.6 |
| 11650 | 15.5 | 120.8 | -44 | 47.9 |
| 11660 | 15.1 | 120.3 | -44 | 47.9 |
| 11670 | 14.9 | 119.8 | -43 | 52.1 |
| 11680 | 15.5 | 119.2 | -43 | 56.1 |
| 11690 | 15.2 | 118.6 | -42 | 59.9 |
| 11700 | 17.2 | 118.0 | -42 | 60.1 |
| 11710 | 18.6 | 117.4 | -41 | 60.1 |
| 11720 | 17.6 | 116.8 | -40 | 60.1 |
| 11730 | 17.1 | 116.2 | -40 | 60.1 |
| 11740 | 17.4 | 115.6 | -39 | 60.1 |
| 11750 | 17.8 | 115.0 | -39 | 60.1 |
| 11760 | 18.4 | 114.4 | -38 | 60.1 |
| 11770 | 17.6 | 113.8 | -37 | 60.1 |
| 11780 | 17.1 | 113.2 | -37 | 60.1 |
| 11790 | 17.1 | 112.6 | -36 | 60.4 |
| 11800 | 17.2 | 112.0 | -36 | 60.1 |
| 11810 | 17.1 | 111.4 | -35 | 60.1 |
| 11820 | 17.0 | 110.8 | -34 | 60.1 |

| | | | | |
|-------|------|-------|-----|------|
| 11830 | 17.0 | 110.2 | -34 | 60.1 |
| 11840 | 17.1 | 109.6 | -33 | 60.4 |
| 11850 | 17.9 | 109.0 | -33 | 60.1 |
| 11860 | 17.9 | 108.4 | -32 | 60.1 |
| 11870 | 17.9 | 107.8 | -31 | 60.4 |
| 11880 | 17.2 | 107.2 | -31 | 60.4 |
| 11890 | 17.0 | 106.6 | -30 | 60.1 |
| 11900 | 17.1 | 106.0 | -30 | 60.1 |
| 11910 | 17.0 | 105.4 | -29 | 60.1 |
| 11920 | 16.7 | 104.8 | -28 | 60.4 |
| 11930 | 16.8 | 104.2 | -28 | 60.4 |
| 11940 | 17.2 | 103.6 | -27 | 60.1 |
| 11950 | 17.5 | 103.0 | -27 | 60.4 |
| 11960 | 17.1 | 102.4 | -26 | 60.4 |
| 11970 | 16.8 | 101.8 | -25 | 60.1 |
| 11980 | 17.0 | 101.2 | -25 | 60.4 |
| 11990 | 17.0 | 100.6 | -24 | 60.4 |
| 12000 | 16.4 | 100.0 | -24 | 60.4 |
| 12010 | 16.4 | 99.4 | -23 | 60.1 |
| 12020 | 16.1 | 98.7 | -22 | 60.1 |
| 12030 | 16.0 | 98.1 | -22 | 60.1 |
| 12040 | 16.5 | 97.5 | -21 | 60.1 |
| 12050 | 16.1 | 96.9 | -20 | 60.1 |
| 12060 | 15.6 | 96.3 | -20 | 60.4 |
| 12070 | 15.9 | 95.7 | -19 | 60.1 |
| 12080 | 15.9 | 95.1 | -19 | 60.1 |
| 12090 | 14.9 | 94.5 | -18 | 60.1 |
| 12100 | 14.9 | 93.9 | -17 | 60.1 |
| 12110 | 14.5 | 93.3 | -17 | 60.1 |
| 12120 | 14.4 | 92.7 | -16 | 60.1 |
| 12130 | 14.2 | 92.1 | -16 | 60.4 |
| 12140 | 14.2 | 91.5 | -15 | 60.1 |
| 12150 | 14.1 | 90.9 | -14 | 60.1 |
| 12160 | 14.2 | 90.3 | -14 | 60.4 |
| 12170 | 14.1 | 89.7 | -13 | 60.1 |
| 12180 | 14.0 | 89.1 | -13 | 60.1 |
| 12190 | 13.6 | 88.5 | -12 | 60.1 |
| 12200 | 13.4 | 87.9 | -11 | 60.1 |
| 12210 | 13.3 | 87.3 | -11 | 60.4 |
| 12220 | 13.4 | 86.7 | -10 | 60.1 |
| 12230 | 13.0 | 86.1 | -10 | 60.4 |
| 12240 | 13.2 | 85.5 | -9 | 60.1 |
| 12250 | 13.4 | 84.9 | -8 | 60.4 |
| 12260 | 13.2 | 84.3 | -8 | 60.4 |
| 12270 | 13.2 | 83.7 | -7 | 60.4 |
| 12280 | 13.2 | 83.1 | -7 | 60.4 |
| 12290 | 13.3 | 82.5 | -6 | 60.4 |
| 12300 | 13.2 | 81.9 | -5 | 60.1 |
| 12310 | 13.3 | 81.3 | -5 | 60.1 |
| 12320 | 12.9 | 80.7 | -4 | 60.4 |
| 12330 | 13.2 | 80.1 | -4 | 60.4 |
| 12340 | 12.9 | 79.5 | -3 | 60.4 |
| 12350 | 12.7 | 78.8 | -2 | 60.1 |
| 12360 | 12.7 | 78.2 | -2 | 60.4 |

| | | | | |
|-------|------|------|----|------|
| 12370 | 12.9 | 77.6 | -1 | 60.4 |
| 12380 | 13.0 | 77.0 | -1 | 60.4 |
| 12390 | 12.6 | 76.4 | 0 | 60.4 |
| 12400 | 12.5 | 75.8 | 1 | 60.4 |
| 12410 | 12.2 | 75.2 | 1 | 60.4 |
| 12420 | 12.3 | 74.6 | 2 | 60.4 |
| 12430 | 12.2 | 74.0 | 2 | 60.1 |
| 12440 | 12.3 | 73.4 | 3 | 60.4 |
| 12450 | 12.1 | 72.8 | 4 | 60.1 |
| 12460 | 12.5 | 72.2 | 4 | 60.4 |
| 12470 | 12.3 | 71.6 | 5 | 60.4 |
| 12480 | 12.3 | 71.0 | 5 | 60.4 |
| 12490 | 12.1 | 70.4 | 6 | 60.4 |
| 12500 | 12.3 | 69.8 | 7 | 60.4 |
| 12510 | 12.2 | 69.2 | 7 | 60.4 |
| 12520 | 12.6 | 68.6 | 8 | 60.1 |
| 12530 | 12.7 | 68.0 | 8 | 60.1 |
| 12540 | 13.2 | 67.4 | 9 | 60.1 |
| 12550 | 13.4 | 66.8 | 10 | 60.4 |
| 12560 | 13.3 | 66.2 | 10 | 60.1 |
| 12570 | 14.0 | 65.6 | 11 | 60.1 |
| 12580 | 14.4 | 65.0 | 11 | 60.4 |
| 12590 | 14.0 | 64.4 | 12 | 60.1 |
| 12600 | 13.7 | 63.8 | 13 | 60.4 |
| 12610 | 13.8 | 63.2 | 13 | 60.1 |
| 12620 | 13.0 | 62.6 | 14 | 60.1 |
| 12630 | 13.3 | 62.0 | 14 | 60.1 |
| 12640 | 13.4 | 61.4 | 15 | 60.1 |
| 12650 | 13.4 | 60.8 | 16 | 60.4 |
| 12660 | 18.4 | 60.2 | 16 | 59.1 |
| 12670 | 22.0 | 59.8 | 17 | 44.7 |
| 12680 | 18.8 | 59.4 | 17 | 31.9 |
| 12690 | 17.5 | 59.1 | 17 | 28.4 |
| 12700 | 17.2 | 58.8 | 18 | 20.2 |
| 12710 | 16.1 | 58.6 | 18 | 20.2 |
| 12720 | 16.7 | 58.5 | 18 | 14.6 |
| 12730 | 15.5 | 58.4 | 18 | 10.6 |
| 12740 | 13.6 | 58.2 | 18 | 10.3 |
| 12750 | 12.7 | 58.2 | 18 | 7.1 |
| 12760 | 12.5 | 58.1 | 18 | 5.3 |
| 12770 | 11.8 | 58.1 | 18 | 4.2 |
| 12780 | 11.4 | 58.0 | 18 | 4.2 |
| 12790 | 11.3 | 58.0 | 18 | 3.1 |
| 12800 | 10.8 | 58.0 | 18 | 2.6 |
| 12810 | 10.2 | 57.9 | 19 | 1.8 |
| 12820 | 9.2 | 57.9 | 19 | 2.1 |
| 12830 | 8.9 | 57.9 | 19 | 1.5 |
| 12840 | 6.1 | 57.9 | 19 | 0.0 |
| 12850 | 3.4 | 57.9 | 19 | 0.0 |
| 12860 | 2.0 | 57.9 | 19 | 0.0 |
| 12870 | 1.8 | 57.9 | 19 | 0.0 |
| 12880 | 0.3 | 57.9 | 19 | 0.0 |
| 12890 | -0.7 | 57.9 | 19 | 0.0 |
| 12900 | -0.8 | 57.9 | 19 | 0.7 |

| | | | | |
|-------|-------|------|----|-------|
| 12910 | -3.9 | 57.9 | 19 | 1.0 |
| 12920 | -1.4 | 57.9 | 19 | 0.0 |
| 12930 | -12.7 | 57.9 | 19 | 0.2 |
| 12940 | -7.2 | 57.9 | 19 | -3.7 |
| 12950 | -0.8 | 57.9 | 19 | -5.0 |
| 12960 | -3.0 | 58.0 | 18 | -8.5 |
| 12970 | -7.3 | 58.1 | 18 | -12.2 |
| 12980 | -5.0 | 58.3 | 18 | -18.3 |
| 12990 | -3.5 | 58.5 | 18 | -22.8 |
| 13000 | -7.1 | 58.7 | 18 | -26.8 |
| 13010 | -6.6 | 59.0 | 17 | -32.4 |
| 13020 | -4.7 | 59.3 | 17 | -38.0 |
| 13030 | -6.8 | 59.7 | 17 | -42.5 |
| 13040 | -8.7 | 60.1 | 16 | -48.1 |
| 13050 | -7.9 | 60.6 | 16 | -55.1 |
| 13060 | -8.5 | 61.2 | 15 | -56.7 |
| 13070 | -13.8 | 61.7 | 15 | -56.7 |
| 13080 | -16.0 | 62.3 | 14 | -56.9 |
| 13090 | -13.8 | 62.9 | 14 | -56.9 |
| 13100 | -13.3 | 63.4 | 13 | -56.7 |
| 13110 | -15.5 | 64.0 | 12 | -57.2 |
| 13120 | -16.0 | 64.6 | 12 | -56.9 |
| 13130 | -15.1 | 65.2 | 11 | -56.9 |
| 13140 | -15.1 | 65.7 | 11 | -56.9 |
| 13150 | -16.0 | 66.3 | 10 | -56.9 |
| 13160 | -16.7 | 66.9 | 10 | -57.5 |
| 13170 | -16.7 | 67.4 | 9 | -57.2 |
| 13180 | -17.1 | 68.0 | 8 | -56.9 |
| 13190 | -17.6 | 68.6 | 8 | -57.2 |
| 13200 | -17.8 | 69.2 | 7 | -57.7 |
| 13210 | -17.4 | 69.7 | 7 | -58.5 |
| 13220 | -17.9 | 70.3 | 6 | -58.5 |
| 13230 | -18.3 | 70.9 | 6 | -58.8 |
| 13240 | -17.5 | 71.5 | 5 | -59.3 |
| 13250 | -18.2 | 72.1 | 4 | -59.3 |
| 13260 | -19.4 | 72.7 | 4 | -59.3 |
| 13270 | -19.8 | 73.3 | 3 | -59.3 |
| 13280 | -19.5 | 73.9 | 3 | -59.3 |
| 13290 | -20.5 | 74.5 | 2 | -59.6 |
| 13300 | -20.9 | 75.1 | 1 | -59.3 |
| 13310 | -20.5 | 75.7 | 1 | -59.3 |
| 13320 | -20.7 | 76.3 | 0 | -59.3 |
| 13330 | -20.9 | 76.9 | 0 | -59.6 |
| 13340 | -21.0 | 77.4 | -1 | -59.9 |
| 13350 | -21.2 | 78.0 | -2 | -59.3 |
| 13360 | -21.4 | 78.6 | -2 | -59.3 |
| 13370 | -21.2 | 79.2 | -3 | -59.3 |
| 13380 | -21.0 | 79.8 | -3 | -59.6 |
| 13390 | -21.0 | 80.4 | -4 | -59.6 |
| 13400 | -20.6 | 81.0 | -5 | -59.3 |
| 13410 | -20.1 | 81.6 | -5 | -59.3 |
| 13420 | -19.7 | 82.2 | -6 | -59.3 |
| 13430 | -19.4 | 82.8 | -6 | -59.6 |
| 13440 | -19.0 | 83.4 | -7 | -59.6 |

| | | | | |
|-------|-------|-------|-----|-------|
| 13450 | -18.8 | 84.0 | -8 | -59.3 |
| 13460 | -18.7 | 84.6 | -8 | -59.6 |
| 13470 | -18.6 | 85.2 | -9 | -59.6 |
| 13480 | -18.7 | 85.8 | -9 | -59.3 |
| 13490 | -18.3 | 86.4 | -10 | -59.3 |
| 13500 | -18.4 | 87.0 | -11 | -59.3 |
| 13510 | -18.3 | 87.6 | -11 | -59.6 |
| 13520 | -18.3 | 88.2 | -12 | -59.6 |
| 13530 | -18.8 | 88.8 | -12 | -59.3 |
| 13540 | -19.0 | 89.3 | -13 | -59.6 |
| 13550 | -18.4 | 89.9 | -13 | -59.6 |
| 13560 | -19.5 | 90.5 | -14 | -59.6 |
| 13570 | -19.9 | 91.1 | -15 | -59.6 |
| 13580 | -19.9 | 91.7 | -15 | -59.3 |
| 13590 | -20.1 | 92.3 | -16 | -59.6 |
| 13600 | -19.9 | 92.9 | -16 | -59.6 |
| 13610 | -20.3 | 93.5 | -17 | -59.6 |
| 13620 | -19.8 | 94.1 | -18 | -59.6 |
| 13630 | -20.3 | 94.7 | -18 | -59.6 |
| 13640 | -19.7 | 95.3 | -19 | -59.6 |
| 13650 | -19.8 | 95.9 | -19 | -59.9 |
| 13660 | -19.9 | 96.5 | -20 | -59.6 |
| 13670 | -20.1 | 97.1 | -21 | -59.3 |
| 13680 | -19.8 | 97.7 | -21 | -59.6 |
| 13690 | -19.8 | 98.3 | -22 | -59.9 |
| 13700 | -19.9 | 98.9 | -22 | -59.9 |
| 13710 | -20.1 | 99.5 | -23 | -59.6 |
| 13720 | -19.9 | 100.1 | -24 | -59.9 |
| 13730 | -19.9 | 100.7 | -24 | -59.9 |
| 13740 | -19.8 | 101.3 | -25 | -59.9 |
| 13750 | -19.9 | 101.9 | -25 | -59.6 |
| 13760 | -20.1 | 102.5 | -26 | -59.6 |
| 13770 | -19.7 | 103.1 | -27 | -59.6 |
| 13780 | -19.8 | 103.7 | -27 | -59.9 |
| 13790 | -19.8 | 104.3 | -28 | -59.9 |
| 13800 | -20.1 | 104.9 | -28 | -59.9 |
| 13810 | -19.4 | 105.5 | -29 | -59.6 |
| 13820 | -19.4 | 106.1 | -30 | -59.9 |
| 13830 | -19.9 | 106.7 | -30 | -59.9 |
| 13840 | -19.9 | 107.3 | -31 | -59.9 |
| 13850 | -19.8 | 107.9 | -31 | -59.9 |
| 13860 | -19.8 | 108.5 | -32 | -59.9 |
| 13870 | -19.9 | 109.1 | -33 | -59.9 |
| 13880 | -19.9 | 109.7 | -33 | -60.1 |
| 13890 | -20.3 | 110.3 | -34 | -59.9 |
| 13900 | -20.1 | 110.9 | -34 | -59.9 |
| 13910 | -20.1 | 111.5 | -35 | -59.9 |
| 13920 | -20.6 | 112.1 | -36 | -59.9 |
| 13930 | -21.4 | 112.7 | -36 | -59.9 |
| 13940 | -21.4 | 113.2 | -37 | -59.6 |
| 13950 | -21.3 | 113.8 | -37 | -60.1 |
| 13960 | -21.4 | 114.4 | -38 | -60.1 |
| 13970 | -21.6 | 115.0 | -39 | -59.9 |
| 13980 | -21.3 | 115.6 | -39 | -59.9 |

| | | | | |
|-------|-------|-------|-----|-------|
| 13990 | -20.5 | 116.2 | -40 | -59.9 |
| 14000 | -20.6 | 116.8 | -40 | -59.9 |
| 14010 | -20.5 | 117.4 | -41 | -59.9 |
| 14020 | -20.6 | 118.0 | -42 | -59.9 |
| 14030 | -20.2 | 118.6 | -42 | -59.9 |
| 14040 | -20.2 | 119.2 | -43 | -60.1 |
| 14050 | -19.8 | 119.8 | -43 | -60.1 |
| 14060 | -19.8 | 120.4 | -44 | -59.9 |
| 14070 | -19.5 | 121.0 | -45 | -54.0 |
| 14080 | -22.8 | 121.6 | -45 | -48.4 |
| 14090 | -27.4 | 122.1 | -46 | -47.6 |
| 14100 | -25.2 | 122.4 | -46 | -38.3 |
| 14110 | -19.1 | 122.7 | -46 | -30.3 |
| 14120 | -19.3 | 123.0 | -47 | -24.2 |
| 14130 | -21.6 | 123.1 | -47 | -15.9 |
| 14140 | -19.5 | 123.3 | -47 | -13.0 |
| 14150 | -16.4 | 123.4 | -47 | -10.1 |
| 14160 | -15.3 | 123.5 | -47 | -8.2 |
| 14170 | -15.2 | 123.6 | -47 | -7.9 |
| 14180 | -13.6 | 123.6 | -47 | -6.3 |
| 14190 | -11.8 | 123.7 | -47 | -4.7 |
| 14200 | -10.4 | 123.7 | -47 | -3.7 |
| 14210 | -9.4 | 123.7 | -47 | -2.6 |
| 14220 | -7.6 | 123.8 | -47 | -2.1 |
| 14230 | -4.7 | 123.8 | -47 | -1.5 |
| 14240 | -2.4 | 123.8 | -47 | -1.0 |
| 14250 | -8.5 | 123.8 | -47 | -0.7 |
| 14260 | -6.8 | 123.8 | -47 | -0.5 |
| 14270 | -5.0 | 123.8 | -47 | -0.2 |
| 14280 | -2.4 | 123.8 | -47 | 0.0 |
| 14290 | -0.3 | 123.8 | -47 | 0.0 |
| 14300 | 0.0 | 123.8 | -47 | 0.0 |
| 14310 | -0.1 | 123.8 | -47 | 0.0 |
| 14320 | 0.4 | 123.8 | -47 | 0.0 |
| 14330 | 0.8 | 123.8 | -47 | 0.0 |
| 14340 | 0.9 | 123.8 | -47 | 0.2 |
| 14350 | 0.9 | 123.8 | -47 | 0.7 |
| 14360 | 1.2 | 123.8 | -47 | 0.5 |
| 14370 | 11.1 | 123.8 | -47 | 1.5 |
| 14380 | 20.6 | 123.7 | -47 | 4.2 |
| 14390 | 13.8 | 123.7 | -47 | 8.5 |
| 14400 | 10.0 | 123.5 | -47 | 11.4 |

ISOK_ASSES_ER_IR_180_R_SIDE

05/08

Set #2

| TIME | TORQUE | POSITION | POS (ANAT) | VELOCITY |
|------|--------|----------|------------|----------|
| 0 | 0.0 | 123.8 | -47 | 0.0 |
| 10 | 0.9 | 123.8 | -47 | 0.5 |
| 20 | 1.2 | 123.8 | -47 | 0.5 |
| 30 | 1.2 | 123.8 | -47 | 0.5 |
| 40 | 9.4 | 123.8 | -47 | 2.1 |
| 50 | 12.9 | 123.7 | -47 | 2.9 |
| 60 | 18.2 | 123.7 | -47 | 6.3 |
| 70 | 12.2 | 123.6 | -47 | 10.3 |
| 80 | 9.9 | 123.5 | -47 | 11.4 |
| 90 | 12.1 | 123.3 | -47 | 12.5 |
| 100 | 15.9 | 123.2 | -47 | 14.3 |
| 110 | 14.5 | 123.0 | -47 | 18.1 |
| 120 | 11.8 | 122.8 | -46 | 25.8 |
| 130 | 13.6 | 122.5 | -46 | 28.2 |
| 140 | 15.3 | 122.2 | -46 | 31.4 |
| 150 | 15.6 | 121.9 | -45 | 35.9 |
| 160 | 13.2 | 121.6 | -45 | 40.1 |
| 170 | 13.7 | 121.2 | -45 | 43.6 |
| 180 | 15.7 | 120.7 | -44 | 47.3 |
| 190 | 15.6 | 120.3 | -44 | 52.1 |
| 200 | 14.5 | 119.8 | -43 | 56.7 |
| 210 | 14.4 | 119.2 | -43 | 60.9 |
| 220 | 15.9 | 118.6 | -42 | 64.9 |
| 230 | 15.5 | 118.0 | -42 | 69.7 |
| 240 | 14.6 | 117.4 | -41 | 74.5 |
| 250 | 14.4 | 116.6 | -40 | 79.0 |
| 260 | 15.2 | 115.9 | -39 | 75.6 |
| 270 | 15.3 | 115.1 | -39 | 80.1 |
| 280 | 14.1 | 114.3 | -38 | 84.6 |
| 290 | 14.1 | 113.4 | -37 | 88.3 |
| 300 | 14.8 | 112.5 | -36 | 92.6 |
| 310 | 14.9 | 111.5 | -35 | 96.9 |
| 320 | 14.1 | 110.5 | -34 | 101.6 |
| 330 | 13.4 | 109.5 | -33 | 105.6 |
| 340 | 14.0 | 108.4 | -32 | 109.4 |
| 350 | 14.6 | 107.3 | -31 | 113.9 |
| 360 | 13.7 | 106.1 | -30 | 118.4 |
| 370 | 13.0 | 104.9 | -28 | 122.4 |
| 380 | 12.9 | 103.6 | -27 | 126.7 |
| 390 | 13.8 | 102.3 | -26 | 130.4 |
| 400 | 13.3 | 101.0 | -25 | 134.9 |
| 410 | 11.7 | 99.6 | -23 | 138.9 |
| 420 | 12.3 | 98.2 | -22 | 142.9 |
| 430 | 12.5 | 96.7 | -20 | 146.9 |
| 440 | 10.8 | 95.2 | -19 | 150.9 |
| 450 | 10.6 | 93.7 | -17 | 154.4 |
| 460 | 11.0 | 92.1 | -16 | 157.8 |
| 470 | 10.2 | 90.5 | -14 | 161.5 |
| 480 | 9.9 | 88.9 | -12 | 165.0 |

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|------|-------|------|-----|--------|
| 490 | 9.2 | 87.2 | -11 | 169.0 |
| 500 | 8.7 | 85.5 | -9 | 172.2 |
| 510 | 8.1 | 83.7 | -7 | 175.4 |
| 520 | 9.1 | 82.0 | -6 | 177.0 |
| 530 | 10.4 | 80.2 | -4 | 177.5 |
| 540 | 9.6 | 78.4 | -2 | 178.1 |
| 550 | 7.1 | 76.6 | 0 | 178.1 |
| 560 | 7.1 | 74.8 | 2 | 178.9 |
| 570 | 7.6 | 73.1 | 3 | 178.9 |
| 580 | 8.1 | 71.3 | 5 | 179.4 |
| 590 | 8.8 | 69.5 | 7 | 179.1 |
| 600 | 7.2 | 67.7 | 9 | 179.1 |
| 610 | 7.1 | 65.9 | 11 | 179.4 |
| 620 | 8.0 | 64.2 | 12 | 161.0 |
| 630 | 32.5 | 62.5 | 14 | 161.0 |
| 640 | 40.4 | 61.4 | 15 | 112.0 |
| 650 | 24.8 | 60.5 | 16 | 83.0 |
| 660 | 14.8 | 59.8 | 17 | 61.2 |
| 670 | 13.3 | 59.3 | 17 | 41.2 |
| 680 | 15.2 | 59.0 | 17 | 34.3 |
| 690 | 15.6 | 58.7 | 18 | 28.2 |
| 700 | 9.5 | 58.5 | 18 | 18.9 |
| 710 | 4.5 | 58.3 | 18 | 14.1 |
| 720 | 3.7 | 58.2 | 18 | 11.1 |
| 730 | 4.7 | 58.1 | 18 | 7.7 |
| 740 | -3.1 | 58.1 | 18 | 6.3 |
| 750 | -3.4 | 58.0 | 18 | 4.5 |
| 760 | -3.8 | 58.0 | 18 | 3.4 |
| 770 | -6.5 | 58.0 | 18 | 2.3 |
| 780 | -8.9 | 58.0 | 18 | -1.5 |
| 790 | -1.1 | 58.0 | 18 | -5.8 |
| 800 | 0.0 | 58.1 | 18 | -7.4 |
| 810 | -6.9 | 58.2 | 18 | -9.3 |
| 820 | -8.8 | 58.3 | 18 | -13.8 |
| 830 | -5.3 | 58.5 | 18 | -19.1 |
| 840 | -6.6 | 58.8 | 18 | -23.4 |
| 850 | -9.2 | 59.1 | 17 | -34.3 |
| 860 | -8.7 | 59.5 | 17 | -41.5 |
| 870 | -7.7 | 59.9 | 17 | -47.6 |
| 880 | -9.5 | 60.4 | 16 | -54.8 |
| 890 | -11.0 | 60.9 | 16 | -61.4 |
| 900 | -11.5 | 61.5 | 15 | -70.2 |
| 910 | -13.0 | 62.2 | 14 | -70.8 |
| 920 | -14.1 | 63.0 | 13 | -71.0 |
| 930 | -13.8 | 63.8 | 13 | -79.3 |
| 940 | -14.2 | 64.8 | 12 | -87.0 |
| 950 | -14.9 | 65.8 | 11 | -105.1 |
| 960 | -14.4 | 67.0 | 9 | -114.7 |
| 970 | -14.2 | 68.2 | 8 | -123.2 |
| 980 | -15.7 | 69.5 | 7 | -132.0 |
| 990 | -16.4 | 70.9 | 6 | -140.8 |
| 1000 | -16.8 | 72.3 | 4 | -150.4 |
| 1010 | -17.2 | 73.9 | 3 | -159.7 |
| 1020 | -17.5 | 75.6 | 1 | -169.5 |

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|------|-------|-------|-----|--------|
| 1030 | -21.2 | 77.3 | -1 | -174.9 |
| 1040 | -26.0 | 79.1 | -3 | -175.1 |
| 1050 | -24.5 | 80.8 | -4 | -175.1 |
| 1060 | -19.9 | 82.6 | -6 | -174.6 |
| 1070 | -20.2 | 84.3 | -8 | -174.6 |
| 1080 | -21.4 | 86.1 | -10 | -174.9 |
| 1090 | -20.9 | 87.8 | -11 | -174.9 |
| 1100 | -18.6 | 89.6 | -13 | -175.1 |
| 1110 | -16.1 | 91.3 | -15 | -174.9 |
| 1120 | -15.1 | 93.1 | -17 | -174.3 |
| 1130 | -12.5 | 94.8 | -18 | -174.1 |
| 1140 | -11.3 | 96.6 | -20 | -174.3 |
| 1150 | -10.0 | 98.3 | -22 | -174.1 |
| 1160 | -6.6 | 100.0 | -24 | -173.8 |
| 1170 | -4.7 | 101.8 | -25 | -173.8 |
| 1180 | -3.8 | 103.5 | -27 | -173.5 |
| 1190 | -3.5 | 105.2 | -29 | -173.5 |
| 1200 | -2.7 | 107.0 | -31 | -173.5 |
| 1210 | -1.5 | 108.7 | -32 | -173.5 |
| 1220 | 0.0 | 110.4 | -34 | -173.3 |
| 1230 | 0.0 | 112.2 | -36 | -173.3 |
| 1240 | -0.7 | 113.9 | -37 | -173.3 |
| 1250 | 0.0 | 115.6 | -39 | -173.3 |
| 1260 | 0.0 | 117.4 | -41 | -170.9 |
| 1270 | -14.4 | 118.9 | -42 | -148.0 |
| 1280 | -27.3 | 120.1 | -44 | -101.4 |
| 1290 | -17.4 | 121.0 | -45 | -85.7 |
| 1300 | -2.2 | 121.7 | -45 | -56.9 |
| 1310 | 0.0 | 122.2 | -46 | -51.9 |
| 1320 | -2.7 | 122.6 | -46 | -36.4 |
| 1330 | -0.9 | 122.9 | -46 | -24.4 |
| 1340 | 0.0 | 123.1 | -47 | -22.3 |
| 1350 | 0.0 | 123.3 | -47 | -15.1 |
| 1360 | 0.0 | 123.4 | -47 | -10.1 |
| 1370 | 0.0 | 123.5 | -47 | -9.3 |
| 1380 | 0.0 | 123.6 | -47 | -6.3 |
| 1390 | 0.0 | 123.6 | -47 | -4.5 |
| 1400 | 0.0 | 123.7 | -47 | -3.7 |
| 1410 | 17.1 | 123.7 | -47 | 1.3 |
| 1420 | 11.0 | 123.6 | -47 | 5.3 |
| 1430 | 11.3 | 123.6 | -47 | 7.1 |
| 1440 | 15.3 | 123.5 | -47 | 9.3 |
| 1450 | 18.2 | 123.4 | -47 | 13.8 |
| 1460 | 15.5 | 123.2 | -47 | 18.9 |
| 1470 | 15.1 | 123.0 | -47 | 21.2 |
| 1480 | 16.5 | 122.8 | -46 | 25.2 |
| 1490 | 18.7 | 122.5 | -46 | 32.7 |
| 1500 | 17.1 | 122.1 | -46 | 39.4 |
| 1510 | 15.7 | 121.7 | -45 | 45.2 |
| 1520 | 17.0 | 121.3 | -45 | 50.0 |
| 1530 | 18.3 | 120.8 | -44 | 55.3 |
| 1540 | 17.4 | 120.2 | -44 | 61.7 |
| 1550 | 16.5 | 119.6 | -43 | 67.0 |
| 1560 | 17.6 | 119.0 | -43 | 72.9 |

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|------|-------|-------|-----|-------|
| 1570 | 18.7 | 118.3 | -42 | 78.8 |
| 1580 | 17.8 | 117.5 | -41 | 85.1 |
| 1590 | 17.2 | 116.7 | -40 | 91.5 |
| 1600 | 17.4 | 115.8 | -39 | 88.6 |
| 1610 | 17.6 | 114.9 | -38 | 94.7 |
| 1620 | 17.0 | 113.9 | -37 | 100.3 |
| 1630 | 16.3 | 112.8 | -36 | 105.9 |
| 1640 | 16.8 | 111.7 | -35 | 111.5 |
| 1650 | 17.1 | 110.6 | -34 | 116.8 |
| 1660 | 16.0 | 109.4 | -33 | 122.1 |
| 1670 | 15.7 | 108.1 | -32 | 127.7 |
| 1680 | 16.7 | 106.8 | -30 | 132.8 |
| 1690 | 15.9 | 105.4 | -29 | 138.9 |
| 1700 | 14.5 | 104.0 | -28 | 144.2 |
| 1710 | 14.8 | 102.5 | -26 | 149.3 |
| 1720 | 15.6 | 101.0 | -25 | 154.4 |
| 1730 | 14.5 | 99.4 | -23 | 159.7 |
| 1740 | 14.0 | 97.8 | -21 | 165.0 |
| 1750 | 13.3 | 96.1 | -20 | 170.3 |
| 1760 | 12.7 | 94.3 | -18 | 174.9 |
| 1770 | 14.6 | 92.6 | -16 | 177.5 |
| 1780 | 15.3 | 90.8 | -14 | 178.3 |
| 1790 | 15.3 | 89.0 | -13 | 178.9 |
| 1800 | 14.5 | 87.2 | -11 | 179.1 |
| 1810 | 13.2 | 85.4 | -9 | 179.4 |
| 1820 | 13.3 | 83.6 | -7 | 179.1 |
| 1830 | 12.9 | 81.8 | -5 | 179.4 |
| 1840 | 12.9 | 80.0 | -4 | 179.4 |
| 1850 | 11.8 | 78.2 | -2 | 179.4 |
| 1860 | 9.9 | 76.4 | 0 | 179.4 |
| 1870 | 10.0 | 74.6 | 2 | 179.4 |
| 1880 | 9.1 | 72.8 | 4 | 179.4 |
| 1890 | 9.6 | 71.1 | 5 | 179.7 |
| 1900 | 9.4 | 69.3 | 7 | 179.4 |
| 1910 | 6.9 | 67.5 | 9 | 179.4 |
| 1920 | 6.6 | 65.7 | 11 | 179.1 |
| 1930 | 6.0 | 63.9 | 13 | 194.6 |
| 1940 | 30.6 | 62.5 | 14 | 142.4 |
| 1950 | 34.2 | 61.3 | 15 | 96.3 |
| 1960 | 18.4 | 60.4 | 16 | 79.6 |
| 1970 | 9.5 | 59.8 | 17 | 58.8 |
| 1980 | 8.1 | 59.3 | 17 | 47.9 |
| 1990 | 11.1 | 59.0 | 17 | 33.0 |
| 2000 | 7.6 | 58.7 | 18 | 24.7 |
| 2010 | -3.8 | 58.5 | 18 | 19.4 |
| 2020 | -3.3 | 58.4 | 18 | 13.3 |
| 2030 | -4.1 | 58.2 | 18 | 11.1 |
| 2040 | -17.4 | 58.2 | 18 | 6.3 |
| 2050 | -11.3 | 58.2 | 18 | -0.7 |
| 2060 | -0.3 | 58.2 | 18 | -5.8 |
| 2070 | -4.2 | 58.3 | 18 | -7.7 |
| 2080 | -7.3 | 58.4 | 18 | -11.7 |
| 2090 | -4.2 | 58.5 | 18 | -16.2 |
| 2100 | -3.1 | 58.7 | 18 | -18.1 |

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| 2110 | -7.7 | 58.9 | 18 | -21.2 |
| 2120 | -7.7 | 59.2 | 17 | -26.3 |
| 2130 | -6.5 | 59.6 | 17 | -38.3 |
| 2140 | -8.8 | 59.9 | 17 | -39.9 |
| 2150 | -10.7 | 60.4 | 16 | -41.5 |
| 2160 | -9.2 | 60.9 | 16 | -48.1 |
| 2170 | -9.4 | 61.5 | 15 | -54.0 |
| 2180 | -11.3 | 62.1 | 14 | -59.9 |
| 2190 | -10.6 | 62.8 | 14 | -66.0 |
| 2200 | -9.4 | 63.6 | 13 | -72.4 |
| 2210 | -10.8 | 64.5 | 12 | -78.0 |
| 2220 | -12.3 | 65.4 | 11 | -93.1 |
| 2230 | -11.3 | 66.4 | 10 | -101.1 |
| 2240 | -11.8 | 67.5 | 9 | -108.0 |
| 2250 | -14.4 | 68.6 | 8 | -115.5 |
| 2260 | -13.6 | 69.8 | 7 | -124.0 |
| 2270 | -13.2 | 71.1 | 5 | -131.7 |
| 2280 | -13.8 | 72.5 | 4 | -139.5 |
| 2290 | -13.6 | 74.0 | 2 | -146.6 |
| 2300 | -12.5 | 75.5 | 1 | -154.4 |
| 2310 | -13.3 | 77.1 | -1 | -161.0 |
| 2320 | -14.0 | 78.8 | -2 | -168.5 |
| 2330 | -14.4 | 80.5 | -4 | -174.1 |
| 2340 | -17.2 | 82.2 | -6 | -174.3 |
| 2350 | -17.5 | 84.0 | -8 | -174.6 |
| 2360 | -14.9 | 85.7 | -9 | -174.6 |
| 2370 | -15.7 | 87.5 | -11 | -174.3 |
| 2380 | -15.3 | 89.2 | -13 | -174.6 |
| 2390 | -13.2 | 91.0 | -15 | -174.3 |
| 2400 | -11.5 | 92.7 | -16 | -174.1 |
| 2410 | -9.8 | 94.4 | -18 | -174.1 |
| 2420 | -10.3 | 96.2 | -20 | -174.1 |
| 2430 | -8.9 | 97.9 | -21 | -173.8 |
| 2440 | -6.5 | 99.7 | -23 | -174.1 |
| 2450 | -6.6 | 101.4 | -25 | -174.1 |
| 2460 | -6.4 | 103.1 | -27 | -173.8 |
| 2470 | -5.7 | 104.9 | -28 | -173.8 |
| 2480 | -4.5 | 106.6 | -30 | -173.8 |
| 2490 | -4.3 | 108.4 | -32 | -173.8 |
| 2500 | -1.8 | 110.1 | -34 | -173.5 |
| 2510 | -1.4 | 111.8 | -35 | -173.5 |
| 2520 | -2.0 | 113.6 | -37 | -173.3 |
| 2530 | 0.0 | 115.3 | -39 | -173.5 |
| 2540 | 0.0 | 117.0 | -41 | -173.5 |
| 2550 | -9.4 | 118.6 | -42 | -139.7 |
| 2560 | -27.7 | 119.9 | -43 | -119.8 |
| 2570 | -23.1 | 120.9 | -44 | -81.4 |
| 2580 | -3.8 | 121.6 | -45 | -67.3 |
| 2590 | -1.4 | 122.1 | -46 | -44.9 |
| 2600 | -4.1 | 122.5 | -46 | -38.3 |
| 2610 | 0.0 | 122.9 | -46 | -25.8 |
| 2620 | 0.0 | 123.1 | -47 | -23.4 |
| 2630 | 0.0 | 123.3 | -47 | -15.7 |
| 2640 | 0.0 | 123.4 | -47 | -10.6 |

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|------|------|-------|-----|-------|
| 2650 | 0.0 | 123.5 | -47 | -9.8 |
| 2660 | 0.0 | 123.6 | -47 | -6.9 |
| 2670 | 0.0 | 123.6 | -47 | -4.2 |
| 2680 | 12.3 | 123.6 | -47 | 0.5 |
| 2690 | 11.9 | 123.6 | -47 | 5.5 |
| 2700 | 10.8 | 123.5 | -47 | 8.5 |
| 2710 | 15.2 | 123.4 | -47 | 9.3 |
| 2720 | 17.9 | 123.3 | -47 | 11.9 |
| 2730 | 15.5 | 123.1 | -47 | 15.9 |
| 2740 | 14.8 | 122.9 | -46 | 24.4 |
| 2750 | 16.1 | 122.7 | -46 | 28.4 |
| 2760 | 18.4 | 122.4 | -46 | 33.0 |
| 2770 | 18.0 | 122.0 | -46 | 39.4 |
| 2780 | 15.9 | 121.7 | -45 | 40.9 |
| 2790 | 17.1 | 121.2 | -45 | 41.2 |
| 2800 | 18.6 | 120.7 | -44 | 45.7 |
| 2810 | 18.0 | 120.2 | -44 | 50.8 |
| 2820 | 16.8 | 119.5 | -43 | 68.1 |
| 2830 | 17.0 | 118.9 | -42 | 73.4 |
| 2840 | 18.3 | 118.2 | -42 | 79.3 |
| 2850 | 18.2 | 117.4 | -41 | 85.7 |
| 2860 | 17.2 | 116.6 | -40 | 91.8 |
| 2870 | 17.5 | 115.7 | -39 | 89.1 |
| 2880 | 18.2 | 114.7 | -38 | 95.0 |
| 2890 | 17.2 | 113.8 | -37 | 101.1 |
| 2900 | 16.8 | 112.7 | -36 | 106.7 |
| 2910 | 16.4 | 111.6 | -35 | 112.3 |
| 2920 | 16.5 | 110.4 | -34 | 117.6 |
| 2930 | 15.6 | 109.2 | -33 | 123.5 |
| 2940 | 15.3 | 107.9 | -31 | 128.5 |
| 2950 | 16.0 | 106.6 | -30 | 133.9 |
| 2960 | 15.5 | 105.2 | -29 | 139.2 |
| 2970 | 14.6 | 103.8 | -27 | 144.2 |
| 2980 | 15.2 | 102.3 | -26 | 149.6 |
| 2990 | 15.2 | 100.8 | -24 | 154.9 |
| 3000 | 14.4 | 99.2 | -23 | 160.2 |
| 3010 | 14.0 | 97.5 | -21 | 165.3 |
| 3020 | 13.2 | 95.9 | -19 | 170.3 |
| 3030 | 12.5 | 94.1 | -18 | 174.9 |
| 3040 | 14.5 | 92.3 | -16 | 177.8 |
| 3050 | 15.2 | 90.6 | -14 | 178.6 |
| 3060 | 15.3 | 88.8 | -12 | 178.9 |
| 3070 | 14.2 | 87.0 | -11 | 179.1 |
| 3080 | 13.2 | 85.2 | -9 | 179.1 |
| 3090 | 13.2 | 83.4 | -7 | 179.4 |
| 3100 | 12.9 | 81.6 | -5 | 179.7 |
| 3110 | 13.6 | 79.8 | -3 | 179.7 |
| 3120 | 12.2 | 78.0 | -2 | 179.4 |
| 3130 | 10.6 | 76.2 | 0 | 179.4 |
| 3140 | 11.0 | 74.4 | 2 | 179.7 |
| 3150 | 10.4 | 72.6 | 4 | 179.4 |
| 3160 | 11.0 | 70.8 | 6 | 179.4 |
| 3170 | 10.6 | 69.0 | 7 | 179.7 |
| 3180 | 9.4 | 67.2 | 9 | 179.4 |

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|------|-------|-------|-----|--------|
| 3190 | 8.8 | 65.4 | 11 | 179.4 |
| 3200 | 10.6 | 63.8 | 13 | 157.3 |
| 3210 | 37.6 | 62.2 | 14 | 150.9 |
| 3220 | 36.6 | 61.1 | 15 | 104.3 |
| 3230 | 20.1 | 60.3 | 16 | 76.9 |
| 3240 | 13.3 | 59.7 | 17 | 56.9 |
| 3250 | 12.5 | 59.2 | 17 | 46.5 |
| 3260 | 14.8 | 58.9 | 18 | 31.9 |
| 3270 | 11.7 | 58.6 | 18 | 23.6 |
| 3280 | 5.3 | 58.4 | 18 | 18.9 |
| 3290 | -3.3 | 58.3 | 18 | 11.4 |
| 3300 | -3.1 | 58.2 | 18 | 10.3 |
| 3310 | -3.4 | 58.1 | 18 | 7.1 |
| 3320 | -5.4 | 58.1 | 18 | 4.5 |
| 3330 | -20.3 | 58.0 | 18 | 1.0 |
| 3340 | -5.6 | 58.1 | 18 | -5.0 |
| 3350 | -0.1 | 58.2 | 18 | -10.6 |
| 3360 | -7.7 | 58.3 | 18 | -13.3 |
| 3370 | -8.1 | 58.4 | 18 | -18.6 |
| 3380 | -3.7 | 58.7 | 18 | -25.0 |
| 3390 | -6.0 | 58.9 | 18 | -29.2 |
| 3400 | -8.5 | 59.2 | 17 | -30.8 |
| 3410 | -6.8 | 59.6 | 17 | -33.2 |
| 3420 | -6.6 | 60.0 | 16 | -38.0 |
| 3430 | -9.5 | 60.4 | 16 | -42.8 |
| 3440 | -10.3 | 61.0 | 15 | -59.9 |
| 3450 | -10.0 | 61.6 | 15 | -67.3 |
| 3460 | -11.3 | 62.2 | 14 | -74.5 |
| 3470 | -11.9 | 63.0 | 13 | -82.5 |
| 3480 | -11.4 | 63.8 | 13 | -91.3 |
| 3490 | -11.9 | 64.7 | 12 | -99.3 |
| 3500 | -13.0 | 65.6 | 11 | -97.7 |
| 3510 | -11.8 | 66.7 | 10 | -105.6 |
| 3520 | -11.9 | 67.8 | 9 | -113.1 |
| 3530 | -14.2 | 69.0 | 7 | -120.5 |
| 3540 | -13.6 | 70.2 | 6 | -128.8 |
| 3550 | -14.1 | 71.6 | 5 | -136.5 |
| 3560 | -14.9 | 73.0 | 3 | -144.8 |
| 3570 | -15.2 | 74.5 | 2 | -152.8 |
| 3580 | -14.2 | 76.1 | 0 | -160.7 |
| 3590 | -14.5 | 77.8 | -1 | -169.0 |
| 3600 | -16.4 | 79.5 | -3 | -174.1 |
| 3610 | -18.6 | 81.3 | -5 | -174.3 |
| 3620 | -17.1 | 83.0 | -7 | -174.6 |
| 3630 | -14.5 | 84.7 | -8 | -174.3 |
| 3640 | -16.3 | 86.5 | -10 | -174.3 |
| 3650 | -16.8 | 88.2 | -12 | -174.9 |
| 3660 | -15.6 | 90.0 | -14 | -174.6 |
| 3670 | -12.7 | 91.7 | -15 | -174.3 |
| 3680 | -12.5 | 93.5 | -17 | -174.3 |
| 3690 | -12.1 | 95.2 | -19 | -174.1 |
| 3700 | -9.9 | 97.0 | -21 | -174.1 |
| 3710 | -8.9 | 98.7 | -22 | -174.1 |
| 3720 | -7.3 | 100.4 | -24 | -173.8 |

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|------|-------|-------|-----|--------|
| 3730 | -6.8 | 102.2 | -26 | -174.1 |
| 3740 | -6.2 | 103.9 | -27 | -173.8 |
| 3750 | -6.8 | 105.7 | -29 | -173.8 |
| 3760 | -6.0 | 107.4 | -31 | -173.8 |
| 3770 | -3.9 | 109.1 | -33 | -173.8 |
| 3780 | -3.5 | 110.9 | -34 | -173.5 |
| 3790 | -2.6 | 112.6 | -36 | -174.1 |
| 3800 | -3.0 | 114.4 | -38 | -173.8 |
| 3810 | -1.6 | 116.1 | -40 | -173.5 |
| 3820 | 0.0 | 117.7 | -41 | -155.4 |
| 3830 | -24.8 | 119.3 | -43 | -151.7 |
| 3840 | -31.1 | 120.4 | -44 | -94.7 |
| 3850 | -16.8 | 121.2 | -45 | -79.3 |
| 3860 | -4.2 | 121.9 | -45 | -52.4 |
| 3870 | -8.3 | 122.3 | -46 | -44.4 |
| 3880 | -7.6 | 122.7 | -46 | -37.0 |
| 3890 | 0.0 | 123.0 | -47 | -25.0 |
| 3900 | 0.0 | 123.2 | -47 | -16.5 |
| 3910 | 0.0 | 123.3 | -47 | -15.4 |
| 3920 | 0.0 | 123.4 | -47 | -10.1 |
| 3930 | 0.0 | 123.5 | -47 | -6.6 |
| 3940 | 0.0 | 123.6 | -47 | -6.3 |
| 3950 | 0.0 | 123.6 | -47 | -4.5 |
| 3960 | 0.0 | 123.7 | -47 | -3.4 |
| 3970 | 0.0 | 123.7 | -47 | -2.6 |
| 3980 | 9.4 | 123.7 | -47 | 0.7 |
| 3990 | 11.3 | 123.7 | -47 | 4.5 |
| 4000 | 9.9 | 123.6 | -47 | 6.3 |
| 4010 | 15.1 | 123.5 | -47 | 7.7 |
| 4020 | 16.0 | 123.4 | -47 | 11.9 |
| 4030 | 14.2 | 123.3 | -47 | 16.5 |
| 4040 | 14.9 | 123.1 | -47 | 19.9 |
| 4050 | 15.2 | 122.9 | -46 | 24.2 |
| 4060 | 16.1 | 122.7 | -46 | 28.4 |
| 4070 | 15.7 | 122.4 | -46 | 33.5 |
| 4080 | 14.8 | 122.0 | -46 | 34.6 |
| 4090 | 15.6 | 121.7 | -45 | 34.6 |
| 4100 | 16.4 | 121.3 | -45 | 38.3 |
| 4110 | 15.9 | 120.8 | -44 | 42.3 |
| 4120 | 15.9 | 120.3 | -44 | 46.5 |
| 4130 | 17.0 | 119.7 | -43 | 50.5 |
| 4140 | 17.1 | 119.2 | -43 | 54.8 |
| 4150 | 16.7 | 118.5 | -42 | 59.6 |
| 4160 | 15.9 | 117.8 | -41 | 63.6 |
| 4170 | 16.4 | 117.1 | -41 | 67.8 |
| 4180 | 16.5 | 116.2 | -40 | 80.6 |
| 4190 | 15.6 | 115.4 | -39 | 85.7 |
| 4200 | 15.1 | 114.5 | -38 | 90.2 |
| 4210 | 15.9 | 113.6 | -37 | 95.0 |
| 4220 | 16.0 | 112.6 | -36 | 99.8 |
| 4230 | 16.0 | 111.5 | -35 | 104.8 |
| 4240 | 15.5 | 110.4 | -34 | 109.9 |
| 4250 | 15.2 | 109.3 | -33 | 115.0 |
| 4260 | 15.9 | 108.1 | -32 | 120.0 |

| | | | | |
|------|-------|-------|-----|-------|
| 4270 | 16.3 | 106.9 | -30 | 125.3 |
| 4280 | 15.3 | 105.6 | -29 | 131.2 |
| 4290 | 14.8 | 104.2 | -28 | 136.3 |
| 4300 | 15.2 | 102.8 | -26 | 141.3 |
| 4310 | 15.2 | 101.4 | -25 | 146.4 |
| 4320 | 14.0 | 99.9 | -23 | 151.7 |
| 4330 | 14.1 | 98.3 | -22 | 157.0 |
| 4340 | 13.8 | 96.7 | -20 | 161.8 |
| 4350 | 11.8 | 95.1 | -19 | 166.9 |
| 4360 | 12.2 | 93.4 | -17 | 170.9 |
| 4370 | 12.3 | 91.6 | -15 | 175.1 |
| 4380 | 12.3 | 89.8 | -13 | 177.5 |
| 4390 | 14.2 | 88.1 | -12 | 178.3 |
| 4400 | 13.8 | 86.3 | -10 | 178.9 |
| 4410 | 12.7 | 84.5 | -8 | 179.1 |
| 4420 | 12.5 | 82.7 | -6 | 179.4 |
| 4430 | 13.0 | 80.9 | -4 | 179.4 |
| 4440 | 13.0 | 79.1 | -3 | 179.4 |
| 4450 | 10.6 | 77.3 | -1 | 179.4 |
| 4460 | 9.9 | 75.5 | 1 | 179.4 |
| 4470 | 9.4 | 73.7 | 3 | 179.7 |
| 4480 | 9.5 | 71.9 | 5 | 179.4 |
| 4490 | 10.2 | 70.1 | 6 | 179.7 |
| 4500 | 9.1 | 68.3 | 8 | 179.4 |
| 4510 | 8.1 | 66.5 | 10 | 179.4 |
| 4520 | 8.1 | 64.8 | 12 | 161.5 |
| 4530 | 19.4 | 63.1 | 13 | 143.7 |
| 4540 | 38.8 | 61.8 | 15 | 134.9 |
| 4550 | 28.1 | 60.8 | 16 | 91.8 |
| 4560 | 14.4 | 60.1 | 16 | 67.8 |
| 4570 | 12.6 | 59.5 | 17 | 50.3 |
| 4580 | 12.6 | 59.1 | 17 | 33.5 |
| 4590 | 10.6 | 58.8 | 18 | 27.9 |
| 4600 | 6.4 | 58.6 | 18 | 20.7 |
| 4610 | -3.8 | 58.4 | 18 | 13.3 |
| 4620 | -3.4 | 58.3 | 18 | 11.1 |
| 4630 | -4.3 | 58.2 | 18 | 9.3 |
| 4640 | -19.3 | 58.2 | 18 | 5.0 |
| 4650 | -9.4 | 58.2 | 18 | -2.6 |
| 4660 | -1.4 | 58.2 | 18 | -8.7 |
| 4670 | -5.2 | 58.3 | 18 | -11.4 |
| 4680 | -7.7 | 58.5 | 18 | -15.9 |
| 4690 | -3.9 | 58.7 | 18 | -22.3 |
| 4700 | -3.0 | 58.9 | 18 | -26.6 |
| 4710 | -7.1 | 59.2 | 17 | -27.1 |
| 4720 | -7.6 | 59.5 | 17 | -29.0 |
| 4730 | -6.0 | 59.8 | 17 | -34.0 |
| 4740 | -8.5 | 60.2 | 16 | -38.6 |
| 4750 | -11.5 | 60.7 | 16 | -53.5 |
| 4760 | -10.4 | 61.3 | 15 | -62.0 |
| 4770 | -10.4 | 61.9 | 15 | -69.4 |
| 4780 | -11.7 | 62.6 | 14 | -76.9 |
| 4790 | -11.4 | 63.3 | 13 | -85.4 |
| 4800 | -9.9 | 64.2 | 12 | -93.4 |

| | | | | |
|------|-------|-------|-----|--------|
| 4810 | -11.0 | 65.1 | 11 | -100.3 |
| 4820 | -11.9 | 66.0 | 10 | -98.2 |
| 4830 | -11.1 | 67.1 | 9 | -105.9 |
| 4840 | -12.2 | 68.2 | 8 | -112.8 |
| 4850 | -13.8 | 69.4 | 7 | -120.3 |
| 4860 | -13.4 | 70.6 | 6 | -128.0 |
| 4870 | -13.2 | 72.0 | 4 | -135.7 |
| 4880 | -13.3 | 73.4 | 3 | -143.2 |
| 4890 | -13.0 | 74.9 | 2 | -150.6 |
| 4900 | -12.1 | 76.4 | 0 | -157.0 |
| 4910 | -11.8 | 78.1 | -2 | -163.9 |
| 4920 | -11.5 | 79.7 | -3 | -170.3 |
| 4930 | -11.7 | 81.5 | -5 | -173.8 |
| 4940 | -13.6 | 83.2 | -7 | -174.1 |
| 4950 | -13.4 | 85.0 | -9 | -174.1 |
| 4960 | -12.1 | 86.7 | -10 | -174.3 |
| 4970 | -11.8 | 88.4 | -12 | -174.6 |
| 4980 | -12.3 | 90.2 | -14 | -174.3 |
| 4990 | -9.5 | 91.9 | -15 | -174.1 |
| 5000 | -8.0 | 93.7 | -17 | -174.1 |
| 5010 | -8.5 | 95.4 | -19 | -173.8 |
| 5020 | -7.2 | 97.2 | -21 | -173.8 |
| 5030 | -5.4 | 98.9 | -22 | -174.1 |
| 5040 | -4.9 | 100.6 | -24 | -173.5 |
| 5050 | -4.9 | 102.4 | -26 | -173.8 |
| 5060 | -4.3 | 104.1 | -28 | -174.1 |
| 5070 | -4.7 | 105.8 | -29 | -173.8 |
| 5080 | -4.5 | 107.6 | -31 | -174.1 |
| 5090 | -2.8 | 109.3 | -33 | -173.5 |
| 5100 | -2.3 | 111.1 | -35 | -173.8 |
| 5110 | -1.4 | 112.8 | -36 | -173.8 |
| 5120 | -1.5 | 114.5 | -38 | -173.5 |
| 5130 | -0.7 | 116.3 | -40 | -173.5 |
| 5140 | -0.1 | 117.9 | -41 | -152.8 |
| 5150 | -24.3 | 119.4 | -43 | -148.0 |
| 5160 | -27.9 | 120.5 | -44 | -103.5 |
| 5170 | -9.8 | 121.3 | -45 | -85.1 |
| 5180 | -1.6 | 121.9 | -45 | -57.7 |
| 5190 | -5.3 | 122.4 | -46 | -48.1 |
| 5200 | -2.6 | 122.8 | -46 | -33.5 |
| 5210 | 0.0 | 123.0 | -47 | -22.0 |
| 5220 | 0.0 | 123.2 | -47 | -20.2 |
| 5230 | 0.0 | 123.4 | -47 | -14.1 |
| 5240 | 0.0 | 123.5 | -47 | -9.3 |
| 5250 | 0.0 | 123.6 | -47 | -8.7 |
| 5260 | 0.0 | 123.6 | -47 | -6.1 |
| 5270 | 0.0 | 123.7 | -47 | -4.2 |
| 5280 | 6.5 | 123.7 | -47 | -1.3 |
| 5290 | 13.6 | 123.7 | -47 | 3.1 |
| 5300 | -8.5 | 123.6 | -47 | 5.0 |
| 5310 | 14.1 | 123.6 | -47 | 5.3 |
| 5320 | 15.5 | 123.5 | -47 | 9.8 |
| 5330 | 12.3 | 123.4 | -47 | 12.7 |
| 5340 | 13.8 | 123.2 | -47 | 13.8 |

| | | | | |
|------|------|-------|-----|-------|
| 5350 | 14.8 | 123.1 | -47 | 16.5 |
| 5360 | 14.6 | 122.8 | -46 | 19.9 |
| 5370 | 15.7 | 122.6 | -46 | 23.1 |
| 5380 | 15.2 | 122.3 | -46 | 26.8 |
| 5390 | 14.6 | 122.0 | -46 | 37.0 |
| 5400 | 15.3 | 121.6 | -45 | 40.9 |
| 5410 | 15.1 | 121.2 | -45 | 44.9 |
| 5420 | 14.5 | 120.8 | -44 | 50.0 |
| 5430 | 15.1 | 120.3 | -44 | 54.0 |
| 5440 | 15.3 | 119.7 | -43 | 58.5 |
| 5450 | 15.3 | 119.2 | -43 | 62.8 |
| 5460 | 15.5 | 118.6 | -42 | 67.3 |
| 5470 | 15.2 | 117.9 | -41 | 72.1 |
| 5480 | 15.5 | 117.2 | -41 | 76.9 |
| 5490 | 14.9 | 116.5 | -40 | 74.2 |
| 5500 | 14.1 | 115.7 | -39 | 78.2 |
| 5510 | 14.0 | 114.9 | -38 | 82.5 |
| 5520 | 13.7 | 114.1 | -38 | 86.2 |
| 5530 | 13.7 | 113.2 | -37 | 89.9 |
| 5540 | 13.6 | 112.3 | -36 | 93.4 |
| 5550 | 13.3 | 111.3 | -35 | 97.1 |
| 5560 | 13.2 | 110.3 | -34 | 100.8 |
| 5570 | 13.3 | 109.3 | -33 | 104.8 |
| 5580 | 13.4 | 108.2 | -32 | 108.6 |
| 5590 | 13.4 | 107.1 | -31 | 112.6 |
| 5600 | 13.2 | 105.9 | -29 | 116.6 |
| 5610 | 12.5 | 104.7 | -28 | 120.5 |
| 5620 | 12.6 | 103.5 | -27 | 124.3 |
| 5630 | 12.9 | 102.2 | -26 | 128.0 |
| 5640 | 12.7 | 100.9 | -24 | 132.0 |
| 5650 | 11.8 | 99.5 | -23 | 136.0 |
| 5660 | 12.2 | 98.2 | -22 | 140.0 |
| 5670 | 12.3 | 96.7 | -20 | 144.0 |
| 5680 | 11.1 | 95.3 | -19 | 147.7 |
| 5690 | 11.0 | 93.7 | -17 | 151.4 |
| 5700 | 11.3 | 92.2 | -16 | 155.4 |
| 5710 | 10.2 | 90.6 | -14 | 159.4 |
| 5720 | 10.7 | 89.0 | -13 | 162.9 |
| 5730 | 10.3 | 87.3 | -11 | 166.9 |
| 5740 | 8.8 | 85.6 | -9 | 171.1 |
| 5750 | 8.1 | 83.9 | -7 | 174.6 |
| 5760 | 9.5 | 82.1 | -6 | 177.0 |
| 5770 | 10.4 | 80.4 | -4 | 178.3 |
| 5780 | 10.6 | 78.6 | -2 | 178.6 |
| 5790 | 8.5 | 76.8 | 0 | 179.1 |
| 5800 | 8.0 | 75.0 | 1 | 178.9 |
| 5810 | 8.1 | 73.2 | 3 | 179.4 |
| 5820 | 8.1 | 71.4 | 5 | 179.4 |
| 5830 | 9.5 | 69.6 | 7 | 179.4 |
| 5840 | 8.3 | 67.8 | 9 | 179.4 |
| 5850 | 7.7 | 66.0 | 10 | 179.4 |
| 5860 | 8.5 | 64.3 | 12 | 161.3 |
| 5870 | 28.9 | 62.7 | 14 | 134.1 |
| 5880 | 41.0 | 61.5 | 15 | 114.2 |

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|------|-------|-------|-----|--------|
| 5890 | 25.0 | 60.6 | 16 | 75.3 |
| 5900 | 15.6 | 59.9 | 17 | 62.2 |
| 5910 | 16.0 | 59.4 | 17 | 46.5 |
| 5920 | 14.0 | 59.0 | 17 | 38.0 |
| 5930 | 10.7 | 58.7 | 18 | 25.5 |
| 5940 | 8.1 | 58.5 | 18 | 18.9 |
| 5950 | 3.9 | 58.4 | 18 | 13.8 |
| 5960 | -3.1 | 58.3 | 18 | 9.3 |
| 5970 | -3.5 | 58.2 | 18 | 8.5 |
| 5980 | -5.4 | 58.1 | 18 | 5.5 |
| 5990 | -21.8 | 58.1 | 18 | 1.0 |
| 6000 | -5.4 | 58.1 | 18 | -5.3 |
| 6010 | 0.0 | 58.2 | 18 | -9.0 |
| 6020 | -9.9 | 58.3 | 18 | -10.6 |
| 6030 | -8.3 | 58.5 | 18 | -15.9 |
| 6040 | -5.2 | 58.7 | 18 | -26.3 |
| 6050 | -7.9 | 59.0 | 17 | -28.7 |
| 6060 | -12.3 | 59.3 | 17 | -31.1 |
| 6070 | -9.8 | 59.7 | 17 | -38.3 |
| 6080 | -10.0 | 60.2 | 16 | -44.7 |
| 6090 | -14.0 | 60.8 | 16 | -62.2 |
| 6100 | -14.0 | 61.4 | 15 | -65.2 |
| 6110 | -11.8 | 62.1 | 14 | -81.4 |
| 6120 | -12.9 | 62.9 | 14 | -89.7 |
| 6130 | -14.0 | 63.8 | 13 | -99.0 |
| 6140 | -13.6 | 64.8 | 12 | -108.3 |
| 6150 | -13.4 | 65.8 | 11 | -106.7 |
| 6160 | -14.2 | 67.0 | 9 | -115.5 |
| 6170 | -14.6 | 68.2 | 8 | -124.0 |
| 6180 | -15.2 | 69.5 | 7 | -132.8 |
| 6190 | -14.5 | 70.9 | 6 | -141.0 |
| 6200 | -14.1 | 72.4 | 4 | -149.8 |
| 6210 | -13.4 | 73.9 | 3 | -157.6 |
| 6220 | -12.3 | 75.5 | 1 | -164.7 |
| 6230 | -12.7 | 77.2 | -1 | -171.7 |
| 6240 | -15.5 | 79.0 | -3 | -174.1 |
| 6250 | -17.1 | 80.7 | -4 | -174.3 |
| 6260 | -14.2 | 82.5 | -6 | -174.3 |
| 6270 | -12.6 | 84.2 | -8 | -174.3 |
| 6280 | -14.1 | 86.0 | -10 | -174.3 |
| 6290 | -14.4 | 87.7 | -11 | -174.3 |
| 6300 | -12.2 | 89.5 | -13 | -174.3 |
| 6310 | -9.6 | 91.2 | -15 | -174.3 |
| 6320 | -9.6 | 92.9 | -16 | -174.1 |
| 6330 | -8.1 | 94.7 | -18 | -174.1 |
| 6340 | -8.0 | 96.4 | -20 | -174.1 |
| 6350 | -7.5 | 98.2 | -22 | -173.8 |
| 6360 | -5.7 | 99.9 | -23 | -173.8 |
| 6370 | -5.8 | 101.6 | -25 | -174.1 |
| 6380 | -5.6 | 103.4 | -27 | -173.5 |
| 6390 | -5.6 | 105.1 | -29 | -173.8 |
| 6400 | -4.6 | 106.9 | -30 | -173.8 |
| 6410 | -4.2 | 108.6 | -32 | -173.8 |
| 6420 | -1.8 | 110.3 | -34 | -173.8 |

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|------|-------|-------|-----|--------|
| 6430 | -1.6 | 112.1 | -36 | -173.8 |
| 6440 | -3.4 | 113.8 | -37 | -173.5 |
| 6450 | -1.6 | 115.5 | -39 | -173.8 |
| 6460 | -0.7 | 117.2 | -41 | -156.2 |
| 6470 | -16.7 | 118.8 | -42 | -134.9 |
| 6480 | -30.9 | 120.0 | -44 | -115.8 |
| 6490 | -22.8 | 121.0 | -45 | -78.5 |
| 6500 | -3.9 | 121.7 | -45 | -64.6 |
| 6510 | -5.0 | 122.2 | -46 | -43.3 |
| 6520 | -8.5 | 122.6 | -46 | -37.2 |
| 6530 | -0.1 | 122.9 | -46 | -24.7 |
| 6540 | 0.0 | 123.1 | -47 | -22.0 |
| 6550 | 0.0 | 123.3 | -47 | -15.1 |
| 6560 | 0.0 | 123.4 | -47 | -10.1 |
| 6570 | 0.0 | 123.5 | -47 | -9.3 |
| 6580 | 0.0 | 123.6 | -47 | -6.6 |
| 6590 | 0.0 | 123.6 | -47 | -4.5 |
| 6600 | 0.0 | 123.7 | -47 | -3.4 |
| 6610 | 19.7 | 123.7 | -47 | 1.3 |
| 6620 | 10.7 | 123.6 | -47 | 6.3 |
| 6630 | 9.4 | 123.5 | -47 | 7.9 |
| 6640 | 16.4 | 123.5 | -47 | 9.5 |
| 6650 | 16.1 | 123.3 | -47 | 14.1 |
| 6660 | 14.2 | 123.2 | -47 | 16.7 |
| 6670 | 15.3 | 123.0 | -47 | 22.0 |
| 6680 | 16.0 | 122.8 | -46 | 26.6 |
| 6690 | 16.8 | 122.5 | -46 | 31.6 |

ISOK_ASSES_ER_IR_300_R_SIDE
05/08
Set #1

| TIME | TORQUE | POSITION | POS (ANAT) | VELOCITY |
|------|--------|----------|------------|----------|
| 0 | 0.0 | 122.5 | -46 | 0.0 |
| 10 | 0.7 | 122.5 | -46 | 0.5 |
| 20 | 0.7 | 122.5 | -46 | 0.7 |
| 30 | 1.4 | 122.5 | -46 | 0.7 |
| 40 | 9.2 | 122.5 | -46 | 2.1 |
| 50 | 9.6 | 122.4 | -46 | 2.6 |
| 60 | 9.8 | 122.4 | -46 | 3.7 |
| 70 | 9.6 | 122.4 | -46 | 4.2 |
| 80 | 9.5 | 122.3 | -46 | 4.7 |
| 90 | 9.5 | 122.3 | -46 | 6.9 |
| 100 | 9.8 | 122.2 | -46 | 7.9 |
| 110 | 12.3 | 122.1 | -46 | 9.0 |
| 120 | 17.1 | 122.0 | -46 | 12.2 |
| 130 | 11.3 | 121.9 | -45 | 15.1 |
| 140 | 9.2 | 121.7 | -45 | 15.7 |
| 150 | 12.2 | 121.5 | -45 | 16.5 |
| 160 | 14.2 | 121.3 | -45 | 18.6 |
| 170 | 13.3 | 121.1 | -45 | 21.5 |
| 180 | 10.7 | 120.8 | -44 | 29.5 |
| 190 | 12.2 | 120.5 | -44 | 28.7 |
| 200 | 14.4 | 120.2 | -44 | 31.4 |
| 210 | 13.7 | 119.9 | -43 | 31.4 |
| 220 | 11.8 | 119.5 | -43 | 41.7 |
| 230 | 12.7 | 119.1 | -43 | 39.9 |
| 240 | 14.2 | 118.7 | -42 | 42.8 |
| 250 | 14.1 | 118.3 | -42 | 41.7 |
| 260 | 13.0 | 117.7 | -41 | 54.8 |
| 270 | 13.6 | 117.2 | -41 | 58.5 |
| 280 | 14.0 | 116.7 | -40 | 62.0 |
| 290 | 14.0 | 116.1 | -40 | 65.7 |
| 300 | 12.9 | 115.5 | -39 | 63.6 |
| 310 | 13.3 | 114.8 | -38 | 59.9 |
| 320 | 13.6 | 114.1 | -38 | 62.8 |
| 330 | 13.6 | 113.4 | -37 | 65.7 |
| 340 | 13.2 | 112.7 | -36 | 69.2 |
| 350 | 13.2 | 111.8 | -35 | 80.3 |
| 360 | 13.7 | 111.0 | -35 | 83.5 |
| 370 | 13.2 | 110.1 | -34 | 87.5 |
| 380 | 12.6 | 109.2 | -33 | 91.3 |
| 390 | 13.2 | 108.3 | -32 | 95.0 |
| 400 | 13.6 | 107.3 | -31 | 99.0 |
| 410 | 12.9 | 106.3 | -30 | 102.7 |
| 420 | 12.2 | 105.2 | -29 | 106.7 |
| 430 | 11.9 | 104.1 | -28 | 110.4 |
| 440 | 12.7 | 103.0 | -27 | 113.6 |
| 450 | 11.9 | 101.8 | -25 | 117.4 |
| 460 | 11.3 | 100.6 | -24 | 121.1 |
| 470 | 11.5 | 99.4 | -23 | 124.8 |
| 480 | 11.7 | 98.1 | -22 | 128.0 |

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|------|-------|------|-----|--------|
| 490 | 11.4 | 96.8 | -20 | 132.0 |
| 500 | 10.2 | 95.5 | -19 | 135.7 |
| 510 | 10.3 | 94.1 | -18 | 138.7 |
| 520 | 10.8 | 92.7 | -16 | 142.1 |
| 530 | 10.0 | 91.2 | -15 | 145.8 |
| 540 | 9.2 | 89.7 | -13 | 149.3 |
| 550 | 10.0 | 88.2 | -12 | 152.5 |
| 560 | 8.7 | 86.7 | -10 | 156.2 |
| 570 | 8.7 | 85.1 | -9 | 159.7 |
| 580 | 8.3 | 83.5 | -7 | 162.6 |
| 590 | 7.6 | 81.8 | -5 | 165.8 |
| 600 | 7.9 | 80.1 | -4 | 168.7 |
| 610 | 7.5 | 78.4 | -2 | 172.2 |
| 620 | 5.8 | 76.7 | 0 | 175.4 |
| 630 | 6.6 | 74.9 | 2 | 177.8 |
| 640 | 6.0 | 73.1 | 3 | 180.7 |
| 650 | 5.8 | 71.3 | 5 | 183.4 |
| 660 | 7.2 | 69.4 | 7 | 185.5 |
| 670 | 19.5 | 67.8 | 9 | 169.0 |
| 680 | 29.8 | 66.3 | 10 | 131.7 |
| 690 | 23.1 | 65.0 | 11 | 122.7 |
| 700 | 16.7 | 63.9 | 13 | 103.8 |
| 710 | 15.6 | 62.9 | 14 | 96.1 |
| 720 | 16.7 | 62.2 | 14 | 74.5 |
| 730 | 16.3 | 61.5 | 15 | 63.3 |
| 740 | 12.2 | 61.0 | 15 | 53.5 |
| 750 | 7.3 | 60.5 | 16 | 44.9 |
| 760 | 4.6 | 60.1 | 16 | 34.0 |
| 770 | 5.3 | 59.8 | 17 | 32.2 |
| 780 | 4.2 | 59.5 | 17 | 27.4 |
| 790 | 2.8 | 59.2 | 17 | 25.5 |
| 800 | -3.0 | 59.0 | 17 | 19.7 |
| 810 | -3.3 | 58.9 | 18 | 18.3 |
| 820 | -9.5 | 58.7 | 18 | 14.1 |
| 830 | -13.0 | 58.6 | 18 | 9.5 |
| 840 | -5.4 | 58.6 | 18 | 3.1 |
| 850 | -7.2 | 58.5 | 18 | 1.8 |
| 860 | -9.4 | 58.5 | 18 | -1.0 |
| 870 | -7.5 | 58.6 | 18 | -6.3 |
| 880 | -5.0 | 58.7 | 18 | -12.2 |
| 890 | -8.3 | 58.8 | 18 | -17.3 |
| 900 | -9.9 | 59.0 | 17 | -21.2 |
| 910 | -8.1 | 59.3 | 17 | -25.0 |
| 920 | -8.7 | 59.6 | 17 | -37.0 |
| 930 | -10.7 | 60.0 | 16 | -39.6 |
| 940 | -11.5 | 60.4 | 16 | -42.3 |
| 950 | -10.7 | 61.0 | 15 | -60.1 |
| 960 | -12.9 | 61.6 | 15 | -62.0 |
| 970 | -14.1 | 62.2 | 14 | -63.0 |
| 980 | -12.9 | 63.0 | 13 | -86.2 |
| 990 | -12.9 | 63.9 | 13 | -95.5 |
| 1000 | -14.4 | 64.8 | 12 | -94.7 |
| 1010 | -14.8 | 65.8 | 11 | -92.6 |
| 1020 | -13.8 | 66.9 | 10 | -122.9 |

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|------|-------|-------|-----|--------|
| 1030 | -14.4 | 68.1 | 8 | -131.2 |
| 1040 | -15.9 | 69.4 | 7 | -140.5 |
| 1050 | -15.2 | 70.7 | 6 | -136.5 |
| 1060 | -15.2 | 72.1 | 4 | -145.6 |
| 1070 | -15.7 | 73.7 | 3 | -154.1 |
| 1080 | -15.6 | 75.3 | 1 | -162.9 |
| 1090 | -15.3 | 77.0 | -1 | -171.1 |
| 1100 | -15.1 | 78.7 | -2 | -179.4 |
| 1110 | -14.0 | 80.6 | -4 | -188.2 |
| 1120 | -11.7 | 82.5 | -6 | -195.6 |
| 1130 | -11.3 | 84.5 | -8 | -202.3 |
| 1140 | -11.0 | 86.6 | -10 | -209.2 |
| 1150 | -9.4 | 88.8 | -12 | -216.4 |
| 1160 | -8.0 | 91.0 | -15 | -222.5 |
| 1170 | -6.2 | 93.2 | -17 | -227.8 |
| 1180 | -6.1 | 95.6 | -19 | -232.4 |
| 1190 | -5.6 | 97.9 | -21 | -237.2 |
| 1200 | -2.2 | 100.3 | -24 | -241.4 |
| 1210 | -0.5 | 102.8 | -26 | -244.3 |
| 1220 | -1.6 | 105.2 | -29 | -247.0 |
| 1230 | -1.6 | 107.7 | -31 | -249.9 |
| 1240 | 0.0 | 110.2 | -34 | -252.9 |
| 1250 | 0.0 | 112.7 | -36 | -228.9 |
| 1260 | -23.2 | 115.0 | -39 | -195.4 |
| 1270 | -37.3 | 116.8 | -40 | -175.4 |
| 1280 | -22.0 | 118.4 | -42 | -152.0 |
| 1290 | -5.2 | 119.5 | -43 | -108.0 |
| 1300 | -6.9 | 120.4 | -44 | -85.4 |
| 1310 | -6.6 | 121.1 | -45 | -74.0 |
| 1320 | -1.5 | 121.6 | -45 | -53.5 |
| 1330 | 0.0 | 122.1 | -46 | -42.0 |
| 1340 | 0.0 | 122.4 | -46 | -29.5 |
| 1350 | 0.0 | 122.7 | -46 | -28.2 |
| 1360 | 0.0 | 122.9 | -46 | -20.7 |
| 1370 | 0.0 | 123.1 | -47 | -17.5 |
| 1380 | 0.0 | 123.2 | -47 | -12.7 |
| 1390 | 8.3 | 123.3 | -47 | -7.7 |
| 1400 | 5.7 | 123.4 | -47 | -0.2 |
| 1410 | 10.6 | 123.4 | -47 | 1.0 |
| 1420 | 15.2 | 123.3 | -47 | 1.8 |
| 1430 | 15.7 | 123.3 | -47 | 5.3 |
| 1440 | 15.2 | 123.2 | -47 | 8.7 |
| 1450 | 15.6 | 123.1 | -47 | 12.5 |
| 1460 | 16.1 | 122.9 | -46 | 16.2 |
| 1470 | 17.8 | 122.7 | -46 | 19.9 |
| 1480 | 18.0 | 122.4 | -46 | 24.7 |
| 1490 | 15.9 | 122.1 | -46 | 35.9 |
| 1500 | 16.7 | 121.8 | -45 | 37.2 |
| 1510 | 17.5 | 121.4 | -45 | 37.8 |
| 1520 | 16.1 | 120.9 | -44 | 51.9 |
| 1530 | 15.7 | 120.4 | -44 | 57.2 |
| 1540 | 16.4 | 119.9 | -43 | 56.1 |
| 1550 | 17.4 | 119.3 | -43 | 54.8 |
| 1560 | 17.2 | 118.6 | -42 | 72.4 |

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|------|-------|-------|-----|-------|
| 1570 | 16.3 | 117.9 | -41 | 71.0 |
| 1580 | 17.4 | 117.2 | -41 | 68.1 |
| 1590 | 17.8 | 116.3 | -40 | 89.1 |
| 1600 | 16.8 | 115.5 | -39 | 86.2 |
| 1610 | 15.9 | 114.6 | -38 | 81.9 |
| 1620 | 15.6 | 113.6 | -37 | 105.6 |
| 1630 | 15.9 | 112.6 | -36 | 110.7 |
| 1640 | 15.7 | 111.6 | -35 | 115.8 |
| 1650 | 15.2 | 110.5 | -34 | 109.9 |
| 1660 | 14.9 | 109.4 | -33 | 115.0 |
| 1670 | 15.7 | 108.2 | -32 | 119.8 |
| 1680 | 16.5 | 106.9 | -30 | 125.1 |
| 1690 | 15.6 | 105.7 | -29 | 130.7 |
| 1700 | 14.4 | 104.3 | -28 | 136.0 |
| 1710 | 14.6 | 102.9 | -26 | 141.0 |
| 1720 | 15.1 | 101.5 | -25 | 145.8 |
| 1730 | 13.8 | 100.0 | -24 | 151.2 |
| 1740 | 13.4 | 98.4 | -22 | 155.7 |
| 1750 | 13.7 | 96.8 | -20 | 160.5 |
| 1760 | 13.0 | 95.2 | -19 | 165.5 |
| 1770 | 12.9 | 93.5 | -17 | 170.1 |
| 1780 | 12.6 | 91.8 | -15 | 174.9 |
| 1790 | 11.7 | 90.0 | -14 | 179.7 |
| 1800 | 12.5 | 88.1 | -12 | 184.2 |
| 1810 | 11.0 | 86.3 | -10 | 189.0 |
| 1820 | 9.6 | 84.3 | -8 | 193.5 |
| 1830 | 9.8 | 82.4 | -6 | 197.2 |
| 1840 | 9.5 | 80.4 | -4 | 200.9 |
| 1850 | 9.6 | 78.3 | -2 | 204.9 |
| 1860 | 6.8 | 76.3 | 0 | 208.9 |
| 1870 | 7.2 | 74.1 | 2 | 211.9 |
| 1880 | 7.2 | 72.0 | 4 | 215.1 |
| 1890 | 8.8 | 69.8 | 7 | 218.5 |
| 1900 | 18.6 | 67.8 | 9 | 183.1 |
| 1910 | 37.7 | 66.0 | 10 | 169.8 |
| 1920 | 30.8 | 64.6 | 12 | 125.3 |
| 1930 | 19.9 | 63.4 | 13 | 113.4 |
| 1940 | 15.1 | 62.4 | 14 | 92.9 |
| 1950 | 17.0 | 61.6 | 15 | 76.1 |
| 1960 | 17.0 | 60.9 | 16 | 62.5 |
| 1970 | 9.5 | 60.4 | 16 | 55.6 |
| 1980 | 3.9 | 60.0 | 16 | 41.2 |
| 1990 | 2.8 | 59.6 | 17 | 33.8 |
| 2000 | 2.8 | 59.3 | 17 | 27.9 |
| 2010 | -3.3 | 59.1 | 17 | 22.6 |
| 2020 | -10.3 | 58.9 | 18 | 18.1 |
| 2030 | -19.0 | 58.7 | 18 | 11.4 |
| 2040 | -7.9 | 58.7 | 18 | 2.9 |
| 2050 | -5.0 | 58.7 | 18 | 0.0 |
| 2060 | -15.1 | 58.7 | 18 | -0.7 |
| 2070 | -7.1 | 58.8 | 18 | -9.8 |
| 2080 | -5.3 | 58.9 | 18 | -15.4 |
| 2090 | -11.1 | 59.1 | 17 | -20.7 |
| 2100 | -11.7 | 59.3 | 17 | -25.5 |

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|------|-------|-------|-----|--------|
| 2110 | -9.6 | 59.6 | 17 | -33.8 |
| 2120 | -11.4 | 60.0 | 16 | -36.4 |
| 2130 | -13.6 | 60.5 | 16 | -53.2 |
| 2140 | -12.3 | 61.0 | 15 | -56.9 |
| 2150 | -12.7 | 61.6 | 15 | -58.5 |
| 2160 | -13.8 | 62.4 | 14 | -80.3 |
| 2170 | -13.6 | 63.1 | 13 | -81.1 |
| 2180 | -13.6 | 64.0 | 12 | -80.9 |
| 2190 | -14.9 | 65.0 | 11 | -107.8 |
| 2200 | -15.7 | 66.0 | 10 | -106.4 |
| 2210 | -15.5 | 67.1 | 9 | -104.3 |
| 2220 | -16.0 | 68.4 | 8 | -111.8 |
| 2230 | -16.4 | 69.7 | 7 | -120.3 |
| 2240 | -16.8 | 71.2 | 5 | -142.6 |
| 2250 | -15.7 | 72.7 | 4 | -152.5 |
| 2260 | -15.3 | 74.2 | 2 | -161.0 |
| 2270 | -14.9 | 75.9 | 1 | -169.5 |
| 2280 | -15.2 | 77.7 | -1 | -177.8 |
| 2290 | -15.2 | 79.5 | -3 | -185.8 |
| 2300 | -13.2 | 81.4 | -5 | -194.6 |
| 2310 | -11.4 | 83.4 | -7 | -202.5 |
| 2320 | -11.3 | 85.5 | -9 | -208.9 |
| 2330 | -12.1 | 87.7 | -11 | -215.9 |
| 2340 | -9.2 | 89.9 | -13 | -223.0 |
| 2350 | -6.5 | 92.1 | -16 | -228.9 |
| 2360 | -6.1 | 94.5 | -18 | -234.0 |
| 2370 | -6.5 | 96.9 | -20 | -238.8 |
| 2380 | -4.1 | 99.3 | -23 | -243.8 |
| 2390 | -1.9 | 101.7 | -25 | -247.8 |
| 2400 | -2.2 | 104.3 | -28 | -250.7 |
| 2410 | -3.9 | 106.8 | -30 | -253.9 |
| 2420 | -0.9 | 109.4 | -33 | -258.2 |
| 2430 | 0.0 | 112.0 | -36 | -260.8 |
| 2440 | -11.7 | 114.3 | -38 | -241.9 |
| 2450 | -41.1 | 116.4 | -40 | -192.2 |
| 2460 | -34.3 | 118.0 | -42 | -135.5 |
| 2470 | -7.9 | 119.3 | -43 | -117.1 |
| 2480 | -7.9 | 120.2 | -44 | -91.0 |
| 2490 | -8.0 | 121.0 | -45 | -70.8 |
| 2500 | -3.3 | 121.6 | -45 | -55.9 |
| 2510 | 0.0 | 122.1 | -46 | -47.6 |
| 2520 | 0.0 | 122.4 | -46 | -33.8 |
| 2530 | 0.0 | 122.7 | -46 | -26.3 |
| 2540 | 0.0 | 122.9 | -46 | -20.4 |
| 2550 | 0.0 | 123.1 | -47 | -17.5 |
| 2560 | 0.0 | 123.2 | -47 | -12.7 |
| 2570 | 7.2 | 123.3 | -47 | -7.9 |
| 2580 | 2.2 | 123.3 | -47 | -1.3 |
| 2590 | 11.1 | 123.3 | -47 | 2.6 |
| 2600 | 13.2 | 123.3 | -47 | 4.7 |
| 2610 | 16.5 | 123.2 | -47 | 6.3 |
| 2620 | 16.1 | 123.1 | -47 | 10.3 |
| 2630 | 15.1 | 123.0 | -47 | 14.1 |
| 2640 | 16.4 | 122.8 | -46 | 17.3 |

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|------|-------|-------|-----|-------|
| 2650 | 17.6 | 122.6 | -46 | 21.8 |
| 2660 | 18.7 | 122.3 | -46 | 26.3 |
| 2670 | 17.0 | 122.0 | -46 | 38.3 |
| 2680 | 17.0 | 121.6 | -45 | 39.6 |
| 2690 | 18.0 | 121.1 | -45 | 40.1 |
| 2700 | 17.5 | 120.6 | -44 | 55.1 |
| 2710 | 16.5 | 120.1 | -44 | 55.3 |
| 2720 | 16.7 | 119.5 | -43 | 55.1 |
| 2730 | 17.5 | 118.9 | -42 | 59.6 |
| 2740 | 17.9 | 118.2 | -42 | 63.3 |
| 2750 | 17.6 | 117.4 | -41 | 83.5 |
| 2760 | 17.6 | 116.7 | -40 | 81.1 |
| 2770 | 18.0 | 115.8 | -39 | 78.0 |
| 2780 | 17.8 | 114.8 | -38 | 101.9 |
| 2790 | 16.8 | 113.9 | -37 | 98.2 |
| 2800 | 16.7 | 112.9 | -36 | 92.9 |
| 2810 | 17.2 | 111.8 | -35 | 108.6 |
| 2820 | 16.7 | 110.7 | -34 | 114.2 |
| 2830 | 15.7 | 109.5 | -33 | 119.5 |
| 2840 | 16.3 | 108.2 | -32 | 125.1 |
| 2850 | 17.4 | 106.9 | -30 | 130.7 |
| 2860 | 16.7 | 105.6 | -29 | 136.5 |
| 2870 | 15.1 | 104.2 | -28 | 142.6 |
| 2880 | 15.6 | 102.7 | -26 | 148.0 |
| 2890 | 16.0 | 101.2 | -25 | 153.3 |
| 2900 | 14.4 | 99.6 | -23 | 159.2 |
| 2910 | 14.1 | 98.0 | -22 | 164.5 |
| 2920 | 13.4 | 96.3 | -20 | 169.5 |
| 2930 | 12.6 | 94.6 | -18 | 174.6 |
| 2940 | 13.7 | 92.8 | -16 | 179.1 |
| 2950 | 12.1 | 91.0 | -15 | 183.9 |
| 2960 | 11.8 | 89.1 | -13 | 188.4 |
| 2970 | 12.1 | 87.2 | -11 | 193.0 |
| 2980 | 10.7 | 85.2 | -9 | 197.8 |
| 2990 | 9.8 | 83.2 | -7 | 202.0 |
| 3000 | 9.2 | 81.1 | -5 | 206.3 |
| 3010 | 10.3 | 79.0 | -3 | 210.5 |
| 3020 | 8.4 | 76.9 | 0 | 214.5 |
| 3030 | 8.3 | 74.7 | 2 | 218.5 |
| 3040 | 7.5 | 72.5 | 4 | 222.2 |
| 3050 | 7.9 | 70.3 | 6 | 225.4 |
| 3060 | 14.4 | 68.0 | 8 | 240.3 |
| 3070 | 39.3 | 66.2 | 10 | 181.2 |
| 3080 | 35.9 | 64.7 | 12 | 148.5 |
| 3090 | 21.6 | 63.3 | 13 | 118.4 |
| 3100 | 17.8 | 62.3 | 14 | 95.8 |
| 3110 | 15.7 | 61.6 | 15 | 70.5 |
| 3120 | 16.3 | 60.9 | 16 | 63.8 |
| 3130 | 11.0 | 60.3 | 16 | 51.6 |
| 3140 | 3.5 | 59.9 | 17 | 41.7 |
| 3150 | -2.8 | 59.5 | 17 | 37.0 |
| 3160 | -3.3 | 59.2 | 17 | 24.4 |
| 3170 | -11.3 | 59.0 | 17 | 22.3 |
| 3180 | -18.7 | 58.8 | 18 | 15.4 |

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|------|-------|-------|-----|--------|
| 3190 | -9.8 | 58.8 | 18 | 6.1 |
| 3200 | -8.8 | 58.7 | 18 | 1.8 |
| 3210 | -9.8 | 58.7 | 18 | -1.0 |
| 3220 | -7.7 | 58.8 | 18 | -6.1 |
| 3230 | -3.8 | 58.9 | 18 | -10.6 |
| 3240 | -7.6 | 59.0 | 17 | -14.1 |
| 3250 | -10.4 | 59.2 | 17 | -18.9 |
| 3260 | -8.3 | 59.5 | 17 | -30.8 |
| 3270 | -10.6 | 59.8 | 17 | -34.3 |
| 3280 | -13.8 | 60.2 | 16 | -37.5 |
| 3290 | -12.5 | 60.7 | 16 | -55.1 |
| 3300 | -12.3 | 61.3 | 15 | -58.5 |
| 3310 | -14.4 | 61.9 | 15 | -59.9 |
| 3320 | -13.4 | 62.7 | 14 | -82.2 |
| 3330 | -11.7 | 63.5 | 13 | -91.5 |
| 3340 | -12.6 | 64.3 | 12 | -91.0 |
| 3350 | -14.8 | 65.3 | 11 | -88.6 |
| 3360 | -13.7 | 66.4 | 10 | -117.6 |
| 3370 | -14.2 | 67.5 | 9 | -115.0 |
| 3380 | -16.8 | 68.7 | 8 | -111.0 |
| 3390 | -16.3 | 70.0 | 6 | -130.9 |
| 3400 | -15.9 | 71.4 | 5 | -142.1 |
| 3410 | -15.6 | 72.9 | 4 | -151.4 |
| 3420 | -15.6 | 74.5 | 2 | -160.0 |
| 3430 | -14.1 | 76.2 | 0 | -168.2 |
| 3440 | -13.7 | 77.9 | -1 | -176.5 |
| 3450 | -13.7 | 79.7 | -3 | -183.6 |
| 3460 | -11.5 | 81.6 | -5 | -191.4 |
| 3470 | -11.0 | 83.6 | -7 | -198.3 |
| 3480 | -11.3 | 85.6 | -9 | -204.9 |
| 3490 | -12.2 | 87.7 | -11 | -211.6 |
| 3500 | -10.6 | 89.9 | -13 | -218.8 |
| 3510 | -8.0 | 92.1 | -16 | -225.7 |
| 3520 | -7.5 | 94.4 | -18 | -231.6 |
| 3530 | -8.1 | 96.8 | -20 | -237.2 |
| 3540 | -5.6 | 99.2 | -23 | -243.0 |
| 3550 | -3.8 | 101.7 | -25 | -247.8 |
| 3560 | -3.7 | 104.2 | -28 | -251.5 |
| 3570 | -5.0 | 106.7 | -30 | -255.8 |
| 3580 | -3.0 | 109.3 | -33 | -261.1 |
| 3590 | -0.7 | 112.0 | -36 | -264.8 |
| 3600 | -17.4 | 114.4 | -38 | -218.8 |
| 3610 | -45.7 | 116.5 | -40 | -195.1 |
| 3620 | -37.0 | 118.2 | -42 | -167.7 |
| 3630 | -10.0 | 119.4 | -43 | -118.2 |
| 3640 | -11.5 | 120.3 | -44 | -91.5 |
| 3650 | -14.4 | 121.1 | -45 | -72.4 |
| 3660 | -4.9 | 121.7 | -45 | -50.3 |
| 3670 | 0.0 | 122.2 | -46 | -43.3 |
| 3680 | 0.0 | 122.5 | -46 | -30.3 |
| 3690 | 0.0 | 122.8 | -46 | -26.3 |
| 3700 | 0.0 | 123.0 | -47 | -18.1 |
| 3710 | 0.0 | 123.2 | -47 | -15.9 |
| 3720 | 0.0 | 123.3 | -47 | -12.5 |

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|------|------|-------|-----|-------|
| 3730 | 0.0 | 123.4 | -47 | -9.3 |
| 3740 | 7.1 | 123.5 | -47 | -4.5 |
| 3750 | 12.7 | 123.5 | -47 | 1.8 |
| 3760 | 9.6 | 123.5 | -47 | 3.4 |
| 3770 | 15.7 | 123.4 | -47 | 5.0 |
| 3780 | 16.0 | 123.4 | -47 | 7.7 |
| 3790 | 14.8 | 123.2 | -47 | 11.9 |
| 3800 | 16.3 | 123.1 | -47 | 14.3 |
| 3810 | 16.0 | 122.9 | -46 | 18.1 |
| 3820 | 17.0 | 122.7 | -46 | 22.0 |
| 3830 | 17.4 | 122.4 | -46 | 32.4 |
| 3840 | 16.0 | 122.1 | -46 | 34.3 |
| 3850 | 16.4 | 121.7 | -45 | 35.1 |
| 3860 | 17.0 | 121.3 | -45 | 39.4 |
| 3870 | 15.9 | 120.8 | -44 | 53.5 |
| 3880 | 15.9 | 120.2 | -44 | 58.3 |
| 3890 | 16.7 | 119.7 | -43 | 57.5 |
| 3900 | 17.2 | 119.1 | -43 | 55.9 |
| 3910 | 17.2 | 118.4 | -42 | 60.4 |
| 3920 | 17.0 | 117.7 | -41 | 79.6 |
| 3930 | 17.1 | 116.9 | -40 | 85.1 |
| 3940 | 17.0 | 116.2 | -40 | 82.5 |
| 3950 | 16.7 | 115.3 | -39 | 78.8 |
| 3960 | 16.3 | 114.3 | -38 | 102.2 |
| 3970 | 16.1 | 113.4 | -37 | 107.5 |
| 3980 | 16.0 | 112.4 | -36 | 112.6 |
| 3990 | 15.9 | 111.3 | -35 | 108.0 |
| 4000 | 15.9 | 110.2 | -34 | 112.6 |
| 4010 | 15.6 | 109.0 | -33 | 117.6 |
| 4020 | 16.1 | 107.8 | -31 | 122.7 |
| 4030 | 16.0 | 106.5 | -30 | 128.5 |
| 4040 | 14.8 | 105.2 | -29 | 133.9 |
| 4050 | 14.4 | 103.8 | -27 | 138.9 |
| 4060 | 15.3 | 102.4 | -26 | 143.7 |
| 4070 | 15.1 | 100.9 | -24 | 149.0 |
| 4080 | 13.7 | 99.4 | -23 | 154.1 |
| 4090 | 13.7 | 97.8 | -21 | 159.2 |
| 4100 | 13.7 | 96.2 | -20 | 164.2 |
| 4110 | 12.5 | 94.5 | -18 | 169.0 |
| 4120 | 12.7 | 92.8 | -16 | 173.5 |
| 4130 | 11.9 | 91.0 | -15 | 178.1 |
| 4140 | 11.8 | 89.2 | -13 | 182.6 |
| 4150 | 11.9 | 87.3 | -11 | 187.4 |
| 4160 | 10.2 | 85.4 | -9 | 191.9 |
| 4170 | 9.4 | 83.5 | -7 | 196.2 |
| 4180 | 9.1 | 81.5 | -5 | 200.4 |
| 4190 | 9.9 | 79.5 | -3 | 203.9 |
| 4200 | 8.1 | 77.4 | -1 | 207.9 |
| 4210 | 6.9 | 75.3 | 1 | 211.6 |
| 4220 | 7.5 | 73.1 | 3 | 215.1 |
| 4230 | 7.3 | 71.0 | 5 | 218.3 |
| 4240 | 9.1 | 68.8 | 8 | 218.8 |
| 4250 | 32.0 | 66.9 | 10 | 188.4 |
| 4260 | 36.7 | 65.2 | 11 | 170.6 |

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|------|-------|-------|-----|--------|
| 4270 | 24.5 | 63.9 | 13 | 127.5 |
| 4280 | 19.8 | 62.8 | 14 | 103.2 |
| 4290 | 16.7 | 61.9 | 15 | 84.9 |
| 4300 | 17.4 | 61.2 | 15 | 69.4 |
| 4310 | 15.6 | 60.6 | 16 | 50.8 |
| 4320 | 9.4 | 60.1 | 16 | 46.5 |
| 4330 | 4.1 | 59.7 | 17 | 37.5 |
| 4340 | 2.8 | 59.4 | 17 | 30.8 |
| 4350 | 2.8 | 59.1 | 17 | 25.2 |
| 4360 | -3.3 | 58.9 | 18 | 18.6 |
| 4370 | -8.5 | 58.7 | 18 | 16.5 |
| 4380 | -19.8 | 58.6 | 18 | 10.9 |
| 4390 | -4.6 | 58.6 | 18 | 0.7 |
| 4400 | -4.2 | 58.6 | 18 | 0.0 |
| 4410 | -11.5 | 58.6 | 18 | -2.6 |
| 4420 | -6.5 | 58.7 | 18 | -8.7 |
| 4430 | -4.1 | 58.8 | 18 | -13.0 |
| 4440 | -10.3 | 59.0 | 17 | -17.3 |
| 4450 | -11.3 | 59.2 | 17 | -25.2 |
| 4460 | -8.4 | 59.6 | 17 | -36.2 |
| 4470 | -10.7 | 59.9 | 17 | -39.1 |
| 4480 | -13.0 | 60.4 | 16 | -42.0 |
| 4490 | -11.4 | 60.9 | 16 | -60.6 |
| 4500 | -12.3 | 61.5 | 15 | -62.8 |
| 4510 | -14.4 | 62.2 | 14 | -63.3 |
| 4520 | -13.0 | 63.0 | 13 | -87.0 |
| 4530 | -12.3 | 63.8 | 13 | -87.5 |
| 4540 | -14.0 | 64.7 | 12 | -85.7 |
| 4550 | -14.2 | 65.8 | 11 | -113.4 |
| 4560 | -13.0 | 66.9 | 10 | -122.9 |
| 4570 | -13.6 | 68.1 | 8 | -131.2 |
| 4580 | -15.2 | 69.3 | 7 | -138.1 |
| 4590 | -14.0 | 70.7 | 6 | -135.7 |
| 4600 | -13.6 | 72.1 | 4 | -144.0 |
| 4610 | -14.2 | 73.6 | 3 | -151.4 |
| 4620 | -13.8 | 75.2 | 1 | -159.4 |
| 4630 | -12.6 | 76.8 | 0 | -166.6 |
| 4640 | -12.7 | 78.5 | -2 | -173.8 |
| 4650 | -12.9 | 80.3 | -4 | -180.7 |
| 4660 | -9.5 | 82.2 | -6 | -187.4 |
| 4670 | -8.9 | 84.1 | -8 | -193.2 |
| 4680 | -9.2 | 86.1 | -10 | -198.8 |
| 4690 | -8.9 | 88.1 | -12 | -204.4 |
| 4700 | -7.3 | 90.2 | -14 | -210.3 |
| 4710 | -5.7 | 92.3 | -16 | -215.1 |
| 4720 | -5.7 | 94.5 | -18 | -219.9 |
| 4730 | -6.0 | 96.8 | -20 | -224.4 |
| 4740 | -3.9 | 99.0 | -23 | -229.2 |
| 4750 | -2.0 | 101.3 | -25 | -232.9 |
| 4760 | -2.2 | 103.7 | -27 | -235.6 |
| 4770 | -3.4 | 106.1 | -30 | -238.8 |
| 4780 | -1.4 | 108.5 | -32 | -242.7 |
| 4790 | 0.0 | 111.0 | -35 | -245.9 |
| 4800 | -0.3 | 113.4 | -37 | -267.5 |

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|------|-------|-------|-----|--------|
| 4810 | -32.0 | 115.4 | -39 | -200.9 |
| 4820 | -36.1 | 117.1 | -41 | -162.1 |
| 4830 | -15.2 | 118.5 | -42 | -116.8 |
| 4840 | -7.2 | 119.6 | -43 | -100.8 |
| 4850 | -11.4 | 120.4 | -44 | -80.6 |
| 4860 | -7.1 | 121.1 | -45 | -57.5 |
| 4870 | 0.0 | 121.6 | -45 | -50.5 |
| 4880 | 0.0 | 122.1 | -46 | -35.9 |
| 4890 | 0.0 | 122.4 | -46 | -31.9 |
| 4900 | 0.0 | 122.7 | -46 | -22.8 |
| 4910 | 0.0 | 122.9 | -46 | -19.9 |
| 4920 | 0.0 | 123.1 | -47 | -14.1 |
| 4930 | 0.0 | 123.2 | -47 | -14.1 |
| 4940 | 0.0 | 123.3 | -47 | -10.1 |
| 4950 | 3.7 | 123.4 | -47 | -3.7 |
| 4960 | 9.9 | 123.3 | -47 | 1.8 |
| 4970 | 3.1 | 123.3 | -47 | 0.7 |
| 4980 | 16.5 | 123.3 | -47 | 4.2 |
| 4990 | 15.1 | 123.2 | -47 | 8.5 |
| 5000 | 15.2 | 123.1 | -47 | 12.7 |
| 5010 | 17.6 | 123.0 | -47 | 17.3 |
| 5020 | 15.7 | 122.8 | -46 | 20.2 |
| 5030 | 16.4 | 122.6 | -46 | 22.3 |
| 5040 | 17.9 | 122.3 | -46 | 32.2 |
| 5050 | 16.0 | 122.0 | -46 | 34.3 |
| 5060 | 15.9 | 121.6 | -45 | 35.1 |
| 5070 | 17.0 | 121.2 | -45 | 39.4 |
| 5080 | 16.5 | 120.7 | -44 | 53.2 |
| 5090 | 17.1 | 120.2 | -44 | 53.2 |
| 5100 | 17.4 | 119.6 | -43 | 58.0 |
| 5110 | 17.2 | 119.0 | -43 | 56.7 |
| 5120 | 17.5 | 118.3 | -42 | 75.3 |
| 5130 | 17.6 | 117.6 | -41 | 73.7 |
| 5140 | 17.6 | 116.8 | -40 | 71.3 |
| 5150 | 17.1 | 115.9 | -39 | 92.6 |
| 5160 | 16.8 | 115.1 | -39 | 89.7 |
| 5170 | 16.0 | 114.2 | -38 | 85.1 |
| 5180 | 16.1 | 113.1 | -37 | 109.1 |
| 5190 | 16.0 | 112.1 | -36 | 115.0 |
| 5200 | 16.1 | 111.0 | -35 | 109.1 |
| 5210 | 15.1 | 109.9 | -33 | 114.4 |
| 5220 | 14.5 | 108.7 | -32 | 119.2 |
| 5230 | 15.3 | 107.5 | -31 | 123.7 |
| 5240 | 14.8 | 106.2 | -30 | 128.8 |
| 5250 | 13.7 | 104.9 | -28 | 133.6 |
| 5260 | 12.9 | 103.5 | -27 | 138.1 |
| 5270 | 13.0 | 102.1 | -26 | 141.8 |
| 5280 | 13.3 | 100.6 | -24 | 146.1 |
| 5290 | 12.6 | 99.2 | -23 | 150.1 |
| 5300 | 12.1 | 97.6 | -21 | 154.6 |
| 5310 | 11.0 | 96.0 | -20 | 158.4 |
| 5320 | 10.3 | 94.4 | -18 | 161.5 |
| 5330 | 11.4 | 92.8 | -16 | 165.0 |
| 5340 | 10.0 | 91.1 | -15 | 168.7 |

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|------|-------|------|-----|--------|
| 5350 | 9.5 | 89.4 | -13 | 172.2 |
| 5360 | 10.3 | 87.7 | -11 | 175.4 |
| 5370 | 8.9 | 85.9 | -9 | 179.1 |
| 5380 | 8.1 | 84.1 | -8 | 182.6 |
| 5390 | 8.9 | 82.2 | -6 | 185.8 |
| 5400 | 8.4 | 80.3 | -4 | 189.2 |
| 5410 | 8.1 | 78.4 | -2 | 192.4 |
| 5420 | 6.6 | 76.5 | 0 | 195.6 |
| 5430 | 7.2 | 74.5 | 2 | 199.1 |
| 5440 | 6.6 | 72.5 | 4 | 201.7 |
| 5450 | 7.3 | 70.4 | 6 | 204.9 |
| 5460 | 11.8 | 68.4 | 8 | 220.9 |
| 5470 | 32.5 | 66.7 | 10 | 171.4 |
| 5480 | 30.8 | 65.1 | 11 | 156.8 |
| 5490 | 20.3 | 63.9 | 13 | 118.4 |
| 5500 | 22.4 | 62.9 | 14 | 98.2 |
| 5510 | 20.1 | 62.1 | 14 | 81.9 |
| 5520 | 17.4 | 61.3 | 15 | 67.8 |
| 5530 | 17.4 | 60.8 | 16 | 50.5 |
| 5540 | 12.7 | 60.3 | 16 | 46.5 |
| 5550 | 8.1 | 59.9 | 17 | 38.6 |
| 5560 | 5.7 | 59.5 | 17 | 31.9 |
| 5570 | 4.3 | 59.2 | 17 | 26.3 |
| 5580 | 2.8 | 59.0 | 17 | 24.2 |
| 5590 | -3.0 | 58.8 | 18 | 18.1 |
| 5600 | -3.4 | 58.7 | 18 | 16.5 |
| 5610 | -12.1 | 58.5 | 18 | 11.9 |
| 5620 | -17.2 | 58.5 | 18 | 5.8 |
| 5630 | 0.0 | 58.5 | 18 | -1.5 |
| 5640 | -9.2 | 58.5 | 18 | -0.5 |
| 5650 | -10.6 | 58.5 | 18 | -6.9 |
| 5660 | -4.6 | 58.6 | 18 | -14.1 |
| 5670 | -7.1 | 58.8 | 18 | -19.4 |
| 5680 | -12.1 | 59.0 | 17 | -25.2 |
| 5690 | -9.1 | 59.3 | 17 | -30.0 |
| 5700 | -7.5 | 59.6 | 17 | -33.0 |
| 5710 | -11.4 | 60.1 | 16 | -46.8 |
| 5720 | -12.1 | 60.5 | 16 | -49.7 |
| 5730 | -10.4 | 61.1 | 15 | -51.9 |
| 5740 | -12.9 | 61.7 | 15 | -71.6 |
| 5750 | -14.9 | 62.4 | 14 | -72.6 |
| 5760 | -13.6 | 63.2 | 13 | -73.7 |
| 5770 | -13.0 | 64.1 | 12 | -81.4 |
| 5780 | -15.3 | 65.1 | 11 | -108.0 |
| 5790 | -15.1 | 66.1 | 10 | -107.0 |
| 5800 | -13.3 | 67.2 | 9 | -104.0 |
| 5810 | -14.8 | 68.5 | 8 | -111.0 |
| 5820 | -16.0 | 69.7 | 7 | -119.0 |
| 5830 | -15.3 | 71.2 | 5 | -140.8 |
| 5840 | -15.5 | 72.7 | 4 | -149.6 |
| 5850 | -16.5 | 74.2 | 2 | -158.1 |
| 5860 | -15.6 | 75.9 | 1 | -167.1 |
| 5870 | -15.3 | 77.6 | -1 | -175.7 |
| 5880 | -15.2 | 79.4 | -3 | -184.2 |

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|------|-------|-------|-----|--------|
| 5890 | -13.0 | 81.4 | -5 | -192.7 |
| 5900 | -10.8 | 83.3 | -7 | -200.7 |
| 5910 | -11.1 | 85.4 | -9 | -206.8 |
| 5920 | -12.7 | 87.5 | -11 | -213.5 |
| 5930 | -10.0 | 89.7 | -13 | -221.2 |
| 5940 | -7.5 | 92.0 | -16 | -227.6 |
| 5950 | -8.1 | 94.3 | -18 | -233.2 |
| 5960 | -9.1 | 96.7 | -20 | -238.8 |
| 5970 | -5.6 | 99.1 | -23 | -244.9 |
| 5980 | -3.5 | 101.6 | -25 | -249.9 |
| 5990 | -3.9 | 104.1 | -28 | -253.7 |
| 6000 | -5.0 | 106.7 | -30 | -257.7 |
| 6010 | -2.2 | 109.3 | -33 | -263.0 |
| 6020 | 0.0 | 112.0 | -36 | -266.4 |
| 6030 | -16.3 | 114.4 | -38 | -220.6 |
| 6040 | -46.9 | 116.5 | -40 | -195.9 |
| 6050 | -39.3 | 118.2 | -42 | -167.7 |
| 6060 | -11.0 | 119.4 | -43 | -117.9 |
| 6070 | -13.6 | 120.3 | -44 | -90.7 |
| 6080 | -20.5 | 121.1 | -45 | -71.3 |
| 6090 | -11.8 | 121.7 | -45 | -50.0 |
| 6100 | -0.5 | 122.1 | -46 | -42.5 |
| 6110 | 0.0 | 122.5 | -46 | -35.6 |
| 6120 | 0.0 | 122.8 | -46 | -25.5 |
| 6130 | 0.0 | 123.0 | -47 | -21.5 |
| 6140 | 0.0 | 123.1 | -47 | -14.9 |
| 6150 | 0.0 | 123.3 | -47 | -10.6 |
| 6160 | 0.0 | 123.4 | -47 | -9.8 |
| 6170 | 0.0 | 123.4 | -47 | -6.9 |
| 6180 | 3.8 | 123.5 | -47 | -3.9 |
| 6190 | 13.4 | 123.5 | -47 | 1.0 |
| 6200 | 9.5 | 123.5 | -47 | 2.6 |
| 6210 | 14.2 | 123.4 | -47 | 3.9 |
| 6220 | 15.7 | 123.4 | -47 | 7.1 |
| 6230 | 14.2 | 123.3 | -47 | 11.4 |
| 6240 | 16.0 | 123.2 | -47 | 15.4 |
| 6250 | 17.2 | 123.0 | -47 | 19.9 |
| 6260 | 15.7 | 122.8 | -46 | 25.2 |
| 6270 | 15.9 | 122.5 | -46 | 27.4 |
| 6280 | 16.8 | 122.2 | -46 | 28.2 |
| 6290 | 15.6 | 121.8 | -45 | 39.9 |
| 6300 | 15.3 | 121.5 | -45 | 40.1 |
| 6310 | 16.0 | 121.0 | -45 | 39.6 |
| 6320 | 16.1 | 120.6 | -44 | 48.7 |