

[FormatInfo]  
format\_ver=1  
[GeoMain]  
ntc\_id=9000021  
adm=USA  
sat\_name=USABSS-21  
long\_nom=-101.0000  
n\_diag=1  
[COHeader]  
beam\_id=CB19  
emi\_rcp=E  
polar\_disc=X  
reason=B  
n\_bore=1  
n\_cont=8  
[B1]  
gain=0.00  
p=-110.5010;34.1670  
[C1]  
gain=-2.00  
n\_point=91  
P1=-114.5000;35.5030  
P2=-114.3333;35.6033  
P3=-114.1667;35.7037  
P4=-114.0000;35.8040  
P5=-113.7500;35.8405  
P6=-113.5000;35.8770  
P7=-113.2500;35.8595  
P8=-113.0000;35.8420  
P9=-112.7500;35.8245  
P10=-112.5000;35.8070  
P11=-112.2500;35.8400  
P12=-112.0000;35.8730  
P13=-111.8060;35.9365  
P14=-111.6120;36.0000  
P15=-111.5000;36.0280  
P16=-111.2500;36.0900  
P17=-111.0000;36.1520  
P18=-110.7500;36.1620  
P19=-110.5000;36.1720  
P20=-110.3333;36.1217  
P21=-110.1667;36.0713  
P22=-110.0000;36.0210  
P23=-109.9730;36.0000  
P24=-109.8153;35.8600  
P25=-109.6577;35.7200  
P26=-109.5000;35.5800  
P27=-109.4430;35.5000  
P28=-109.3460;35.3333  
P29=-109.2490;35.1667  
P30=-109.1520;35.0000  
P31=-109.0760;34.8230  
P32=-109.0000;34.6460  
P33=-108.9560;34.5000  
P34=-108.9320;34.3333  
P35=-108.9080;34.1667  
P36=-108.8840;34.0000

P37=-108.8860;33.8333  
P38=-108.8880;33.6667  
P39=-108.8900;33.5000  
P40=-108.9247;33.3333  
P41=-108.9593;33.1667  
P42=-108.9940;33.0000  
P43=-109.0000;32.9860  
P44=-109.1093;32.8240  
P45=-109.2187;32.6620  
P46=-109.3280;32.5000  
P47=-109.4140;32.4080  
P48=-109.5000;32.3160  
P49=-109.6667;32.2373  
P50=-109.8333;32.1587  
P51=-110.0000;32.0800  
P52=-110.2500;32.0880  
P53=-110.5000;32.0960  
P54=-110.6667;32.1580  
P55=-110.8333;32.2200  
P56=-111.0000;32.2820  
P57=-111.1547;32.3547  
P58=-111.3093;32.4273  
P59=-111.4640;32.5000  
P60=-111.5000;32.5220  
P61=-111.6667;32.5987  
P62=-111.8333;32.6753  
P63=-112.0000;32.7520  
P64=-112.1667;32.7793  
P65=-112.3333;32.8067  
P66=-112.5000;32.8340  
P67=-112.7500;32.8280  
P68=-113.0000;32.8220  
P69=-113.2500;32.8295  
P70=-113.5000;32.8370  
P71=-113.6667;32.8880  
P72=-113.8333;32.9390  
P73=-114.0000;32.9900  
P74=-114.0150;33.0000  
P75=-114.1767;33.1460  
P76=-114.3383;33.2920  
P77=-114.5000;33.4380  
P78=-114.5460;33.5000  
P79=-114.6173;33.6667  
P80=-114.6887;33.8333  
P81=-114.7600;34.0000  
P82=-114.7880;34.1667  
P83=-114.8160;34.3333  
P84=-114.8440;34.5000  
P85=-114.8213;34.6667  
P86=-114.7987;34.8333  
P87=-114.7760;35.0000  
P88=-114.6850;35.1667  
P89=-114.5940;35.3333  
P90=-114.5030;35.5000  
P91=-114.5000;35.5030  
[C2]  
gain=-4.00

n\_point=95  
P1=-115.5000;35.7280  
P2=-115.4205;35.8640  
P3=-115.3410;36.0000  
P4=-115.1705;36.2110  
P5=-115.0000;36.4220  
P6=-114.9040;36.5000  
P7=-114.7020;36.6270  
P8=-114.5000;36.7540  
P9=-114.2500;36.8375  
P10=-114.0000;36.9210  
P11=-113.7500;36.9460  
P12=-113.5000;36.9710  
P13=-113.2500;36.9625  
P14=-113.0000;36.9540  
P15=-112.7500;36.9495  
P16=-112.5000;36.9450  
P17=-112.2500;36.9680  
P18=-112.0000;36.9910  
P19=-111.9540;37.0000  
P20=-111.7270;37.0380  
P21=-111.5000;37.0760  
P22=-111.2500;37.1075  
P23=-111.0000;37.1390  
P24=-110.7500;37.1255  
P25=-110.5000;37.1120  
P26=-110.1770;37.0000  
P27=-110.0000;36.9340  
P28=-109.7500;36.7555  
P29=-109.5000;36.5770  
P30=-109.4300;36.5000  
P31=-109.2907;36.3333  
P32=-109.1513;36.1667  
P33=-109.0120;36.0000  
P34=-109.0000;35.9830  
P35=-108.8720;35.7415  
P36=-108.7440;35.5000  
P37=-108.6290;35.2500  
P38=-108.5140;35.0000  
P39=-108.5000;34.9590  
P40=-108.4395;34.7295  
P41=-108.3790;34.5000  
P42=-108.3435;34.2500  
P43=-108.3080;34.0000  
P44=-108.3065;33.7500  
P45=-108.3050;33.5000  
P46=-108.3395;33.2500  
P47=-108.3740;33.0000  
P48=-108.4370;32.8035  
P49=-108.5000;32.6070  
P50=-108.5460;32.5000  
P51=-108.6510;32.3333  
P52=-108.7560;32.1667  
P53=-108.8610;32.0000  
P54=-109.0000;31.8330  
P55=-109.2000;31.6665  
P56=-109.4000;31.5000

P57=-109.5000;31.4330  
P58=-109.7500;31.3625  
P59=-110.0000;31.2920  
P60=-110.2500;31.3000  
P61=-110.5000;31.3080  
P62=-110.7500;31.3820  
P63=-111.0000;31.4560  
P64=-111.1170;31.5000  
P65=-111.3085;31.5835  
P66=-111.5000;31.6670  
P67=-111.7500;31.7470  
P68=-112.0000;31.8270  
P69=-112.2500;31.8555  
P70=-112.5000;31.8840  
P71=-112.7500;31.8830  
P72=-113.0000;31.8820  
P73=-113.2500;31.8925  
P74=-113.5000;31.9030  
P75=-113.7240;31.9515  
P76=-113.9480;32.0000  
P77=-114.0000;32.0140  
P78=-114.2500;32.1590  
P79=-114.5000;32.3040  
P80=-114.7250;32.5000  
P81=-114.8625;32.6435  
P82=-115.0000;32.7870  
P83=-115.1600;33.0000  
P84=-115.3085;33.2500  
P85=-115.4570;33.5000  
P86=-115.5000;33.6090  
P87=-115.5645;33.8045  
P88=-115.6290;34.0000  
P89=-115.6690;34.2500  
P90=-115.7090;34.5000  
P91=-115.7055;34.7500  
P92=-115.7020;35.0000  
P93=-115.6505;35.2500  
P94=-115.5990;35.5000  
P95=-115.5000;35.7280  
[C3]  
gain=-6.00  
n\_point=104  
P1=-116.0000;36.2190  
P2=-115.8240;36.5000  
P3=-115.6620;36.7035  
P4=-115.5000;36.9070  
P5=-115.4040;37.0000  
P6=-115.2020;37.1560  
P7=-115.0000;37.3120  
P8=-114.8215;37.4060  
P9=-114.6430;37.5000  
P10=-114.5000;37.5680  
P11=-114.2500;37.6345  
P12=-114.0000;37.7010  
P13=-113.7500;37.7235  
P14=-113.5000;37.7460  
P15=-113.2500;37.7490

P16=-113.0000;37.7520  
P17=-112.7500;37.7565  
P18=-112.5000;37.7610  
P19=-112.2500;37.7840  
P20=-112.0000;37.8070  
P21=-111.7500;37.8405  
P22=-111.5000;37.8740  
P23=-111.2500;37.8910  
P24=-111.0000;37.9080  
P25=-110.7500;37.8765  
P26=-110.5000;37.8450  
P27=-110.2500;37.7510  
P28=-110.0000;37.6570  
P29=-109.7660;37.5000  
P30=-109.5000;37.3140  
P31=-109.3545;37.1570  
P32=-109.2090;37.0000  
P33=-109.0000;36.7740  
P34=-108.8210;36.5000  
P35=-108.6620;36.2500  
P36=-108.5030;36.0000  
P37=-108.5000;35.9950  
P38=-108.3885;35.7475  
P39=-108.2770;35.5000  
P40=-108.1775;35.2500  
P41=-108.0780;35.0000  
P42=-108.0000;34.7520  
P43=-107.9260;34.5000  
P44=-107.8855;34.2500  
P45=-107.8450;34.0000  
P46=-107.8375;33.7500  
P47=-107.8300;33.5000  
P48=-107.8580;33.2500  
P49=-107.8860;33.0000  
P50=-107.9430;32.8110  
P51=-108.0000;32.6220  
P52=-108.0400;32.5000  
P53=-108.1635;32.2500  
P54=-108.2870;32.0000  
P55=-108.3935;31.8385  
P56=-108.5000;31.6770  
P57=-108.6490;31.5000  
P58=-108.8245;31.3270  
P59=-109.0000;31.1540  
P60=-109.2240;31.0000  
P61=-109.5000;30.8310  
P62=-109.7500;30.7590  
P63=-110.0000;30.6870  
P64=-110.2500;30.6975  
P65=-110.5000;30.7080  
P66=-110.7500;30.7820  
P67=-111.0000;30.8560  
P68=-111.1900;30.9280  
P69=-111.3800;31.0000  
P70=-111.5000;31.0490  
P71=-111.7500;31.1275  
P72=-112.0000;31.2060

P73=-112.2500;31.2370  
P74=-112.5000;31.2680  
P75=-112.7500;31.2690  
P76=-113.0000;31.2700  
P77=-113.2500;31.2800  
P78=-113.5000;31.2900  
P79=-113.7500;31.3400  
P80=-114.0000;31.3900  
P81=-114.2490;31.5000  
P82=-114.5000;31.6290  
P83=-114.7500;31.8130  
P84=-115.0000;31.9970  
P85=-115.0030;32.0000  
P86=-115.2310;32.2500  
P87=-115.4590;32.5000  
P88=-115.5000;32.5540  
P89=-115.6495;32.7770  
P90=-115.7990;33.0000  
P91=-115.8995;33.1830  
P92=-116.0000;33.3660  
P93=-116.0690;33.5000  
P94=-116.1580;33.7500  
P95=-116.2470;34.0000  
P96=-116.2955;34.2500  
P97=-116.3440;34.5000  
P98=-116.3525;34.7500  
P99=-116.3610;35.0000  
P100=-116.3235;35.2500  
P101=-116.2860;35.5000  
P102=-116.2005;35.7500  
P103=-116.1150;36.0000  
P104=-116.0000;36.2190  
[C4]  
gain=-10.00  
n\_point=114  
P1=-117.5000;35.5720  
P2=-117.4350;35.7860  
P3=-117.3700;36.0000  
P4=-117.2460;36.2500  
P5=-117.1220;36.5000  
P6=-117.0000;36.6730  
P7=-116.7810;37.0000  
P8=-116.5000;37.3310  
P9=-116.3540;37.5000  
P10=-116.1770;37.6730  
P11=-116.0000;37.8460  
P12=-115.8240;38.0000  
P13=-115.5000;38.2640  
P14=-115.1550;38.5000  
P15=-115.0000;38.6020  
P16=-114.7500;38.7165  
P17=-114.5000;38.8310  
P18=-114.0000;38.9820  
P19=-113.8850;39.0000  
P20=-113.5000;39.0580  
P21=-113.0000;39.0930  
P22=-112.5000;39.1220

P23=-112.0000;39.1590  
P24=-111.5000;39.1870  
P25=-111.0000;39.1720  
P26=-110.5000;39.0790  
P27=-110.3170;39.0000  
P28=-110.0000;38.8630  
P29=-109.7520;38.6815  
P30=-109.5040;38.5000  
P31=-109.5000;38.4970  
P32=-109.2715;38.2485  
P33=-109.0430;38.0000  
P34=-109.0000;37.9540  
P35=-108.8465;37.7270  
P36=-108.6930;37.5000  
P37=-108.5000;37.2290  
P38=-108.3730;37.0000  
P39=-108.2255;36.7500  
P40=-108.0780;36.5000  
P41=-108.0000;36.3610  
P42=-107.8060;36.0000  
P43=-107.6760;35.7500  
P44=-107.5460;35.5000  
P45=-107.5000;35.3960  
P46=-107.3835;35.1980  
P47=-107.2670;35.0000  
P48=-107.1545;34.7500  
P49=-107.0420;34.5000  
P50=-107.0000;34.3510  
P51=-106.7860;34.0000  
P52=-106.7340;33.7500  
P53=-106.6820;33.5000  
P54=-106.7130;33.2500  
P55=-106.7440;33.0000  
P56=-106.8720;32.7760  
P57=-107.0000;32.5520  
P58=-107.0170;32.5000  
P59=-107.1680;32.2500  
P60=-107.3190;32.0000  
P61=-107.5000;31.8090  
P62=-107.7060;31.5000  
P63=-108.0000;31.1770  
P64=-108.1530;31.0000  
P65=-108.3265;30.8185  
P66=-108.5000;30.6370  
P67=-108.6470;30.5000  
P68=-108.8235;30.3375  
P69=-109.0000;30.1750  
P70=-109.2730;30.0000  
P71=-109.5000;29.8410  
P72=-109.7500;29.7460  
P73=-110.0000;29.6510  
P74=-110.5000;29.6610  
P75=-110.7500;29.7445  
P76=-111.0000;29.8280  
P77=-111.3320;30.0000  
P78=-111.5000;30.0780  
P79=-111.7500;30.1735

P80=-112.0000;30.2690  
P81=-112.2500;30.3095  
P82=-112.5000;30.3500  
P83=-113.0000;30.3570  
P84=-113.5000;30.3720  
P85=-113.7500;30.4190  
P86=-114.0000;30.4660  
P87=-114.0880;30.5000  
P88=-114.5000;30.6770  
P89=-114.7500;30.8350  
P90=-115.0000;30.9930  
P91=-115.0080;31.0000  
P92=-115.2540;31.2180  
P93=-115.5000;31.4360  
P94=-115.5670;31.5000  
P95=-115.7835;31.7245  
P96=-116.0000;31.9490  
P97=-116.0510;32.0000  
P98=-116.2640;32.2500  
P99=-116.4770;32.5000  
P100=-116.5000;32.5330  
P101=-116.6755;32.7665  
P102=-116.8510;33.0000  
P103=-117.0000;33.2530  
P104=-117.1630;33.5000  
P105=-117.2770;33.7500  
P106=-117.3910;34.0000  
P107=-117.4455;34.2140  
P108=-117.5000;34.4280  
P109=-117.5200;34.5000  
P110=-117.5450;34.7500  
P111=-117.5700;35.0000  
P112=-117.5465;35.2500  
P113=-117.5230;35.5000  
P114=-117.5000;35.5720  
[C5]  
gain=-20.00  
n\_point=133  
P1=-120.0000;36.8560  
P2=-119.9480;37.0000  
P3=-119.6970;37.5000  
P4=-119.5000;37.7970  
P5=-119.3210;38.0000  
P6=-119.0000;38.2870  
P7=-118.6510;38.5000  
P8=-118.5000;38.5710  
P9=-118.0000;38.7430  
P10=-117.5000;38.9380  
P11=-117.4030;39.0000  
P12=-117.0000;39.2450  
P13=-116.7140;39.5000  
P14=-116.5000;39.7280  
P15=-116.2590;40.0000  
P16=-116.0000;40.4020  
P17=-115.9220;40.5000  
P18=-115.5790;41.0000  
P19=-115.5000;41.1130



P20=-115.0870;41.5000  
P21=-115.0000;41.5710  
P22=-114.5000;41.7960  
P23=-114.0000;41.8810  
P24=-113.5000;41.8840  
P25=-113.0000;41.8460  
P26=-112.5000;41.8050  
P27=-112.0000;41.7840  
P28=-111.5000;41.7820  
P29=-111.0000;41.7760  
P30=-110.5000;41.7250  
P31=-110.0000;41.5620  
P32=-109.9010;41.5000  
P33=-109.5000;41.2430  
P34=-109.2790;41.0000  
P35=-109.0000;40.6610  
P36=-108.9130;40.5000  
P37=-108.6710;40.0000  
P38=-108.5000;39.6310  
P39=-108.4630;39.5000  
P40=-108.3120;39.0000  
P41=-108.1170;38.5000  
P42=-108.0000;38.2920  
P43=-107.8770;38.0000  
P44=-107.5600;37.5000  
P45=-107.5000;37.4090  
P46=-107.0000;37.1440  
P47=-106.6210;37.5000  
P48=-106.5000;37.7250  
P49=-106.1910;38.0000  
P50=-106.0000;38.1680  
P51=-105.5030;38.0000  
P52=-105.5000;37.9990  
P53=-105.0810;37.5000  
P54=-105.0000;37.4110  
P55=-104.7910;37.0000  
P56=-104.5130;36.5000  
P57=-104.5000;36.4750  
P58=-104.2870;36.0000  
P59=-104.1000;35.5000  
P60=-104.0000;35.1570  
P61=-103.9060;35.0000  
P62=-103.7200;34.5000  
P63=-103.6330;34.0000  
P64=-103.6320;33.5000  
P65=-103.7390;33.0000  
P66=-104.0000;32.6150  
P67=-104.0310;32.5000  
P68=-104.2330;32.0000  
P69=-104.5000;31.5390  
P70=-104.5200;31.5000  
P71=-104.8340;31.0000  
P72=-105.0000;30.7720  
P73=-105.2390;30.5000  
P74=-105.5000;30.2240  
P75=-105.8250;30.0000  
P76=-106.0000;29.8920

P77=-106.5000;29.8710  
P78=-106.8870;30.0000  
P79=-107.0000;30.0360  
P80=-107.5000;30.0150  
P81=-107.5200;30.0000  
P82=-108.0000;29.6580  
P83=-108.1390;29.5000  
P84=-108.4050;29.0000  
P85=-108.4810;28.5000  
P86=-108.5000;28.2890  
P87=-108.5520;28.0000  
P88=-108.7250;27.5000  
P89=-109.0000;27.0580  
P90=-109.0590;27.0000  
P91=-109.5000;26.6840  
P92=-110.0000;26.5230  
P93=-110.5000;26.5580  
P94=-111.0000;26.7130  
P95=-111.5000;26.9400  
P96=-111.6330;27.0000  
P97=-112.0000;27.2420  
P98=-112.4920;27.5000  
P99=-112.5000;27.5080  
P100=-113.0000;27.7410  
P101=-113.5000;27.7840  
P102=-114.0000;27.8420  
P103=-114.3120;28.0000  
P104=-114.5000;28.1390  
P105=-114.6910;28.5000  
P106=-114.9750;29.0000  
P107=-115.0000;29.0250  
P108=-115.2470;29.5000  
P109=-115.5000;29.7690  
P110=-115.6500;30.0000  
P111=-116.0000;30.3590  
P112=-116.1570;30.5000  
P113=-116.5000;30.7900  
P114=-116.9210;31.0000  
P115=-117.0000;31.0530  
P116=-117.5000;31.2640  
P117=-118.0000;31.4720  
P118=-118.0460;31.5000  
P119=-118.5000;31.8360  
P120=-118.6670;32.0000  
P121=-119.0000;32.3690  
P122=-119.1010;32.5000  
P123=-119.4320;33.0000  
P124=-119.5000;33.1220  
P125=-119.7040;33.5000  
P126=-119.9190;34.0000  
P127=-120.0000;34.2470  
P128=-120.0900;34.5000  
P129=-120.1990;35.0000  
P130=-120.2370;35.5000  
P131=-120.2150;36.0000  
P132=-120.1200;36.5000  
P133=-120.0000;36.8560

[C6]

gain=-30.00

n\_point=67

P1=-107.5000;39.3730  
P2=-107.5156;39.3357  
P3=-107.5312;39.2984  
P4=-107.5468;39.2611  
P5=-107.5624;39.2238  
P6=-107.5780;39.1865  
P7=-107.5936;39.1492  
P8=-107.6092;39.1119  
P9=-107.6248;39.0746  
P10=-107.6404;39.0373  
P11=-107.6560;39.0000  
P12=-107.6598;38.9583  
P13=-107.6637;38.9167  
P14=-107.6675;38.8750  
P15=-107.6713;38.8333  
P16=-107.6752;38.7917  
P17=-107.6790;38.7500  
P18=-107.6828;38.7083  
P19=-107.6867;38.6667  
P20=-107.6905;38.6250  
P21=-107.6943;38.5833  
P22=-107.6982;38.5417  
P23=-107.7020;38.5000  
P24=-107.6796;38.4671  
P25=-107.6571;38.4342  
P26=-107.6347;38.4013  
P27=-107.6122;38.3684  
P28=-107.5898;38.3356  
P29=-107.5673;38.3027  
P30=-107.5449;38.2698  
P31=-107.5224;38.2369  
P32=-107.5000;38.2040  
P33=-107.4648;38.2309  
P34=-107.4296;38.2578  
P35=-107.3945;38.2847  
P36=-107.3593;38.3116  
P37=-107.3241;38.3385  
P38=-107.2889;38.3655  
P39=-107.2537;38.3924  
P40=-107.2185;38.4193  
P41=-107.1834;38.4462  
P42=-107.1482;38.4731  
P43=-107.1130;38.5000  
P44=-107.1235;38.5385  
P45=-107.1339;38.5769  
P46=-107.1444;38.6154  
P47=-107.1548;38.6538  
P48=-107.1653;38.6923  
P49=-107.1758;38.7308  
P50=-107.1862;38.7692  
P51=-107.1967;38.8077  
P52=-107.2072;38.8462  
P53=-107.2176;38.8846  
P54=-107.2281;38.9231

P55=-107.2385;38.9615  
P56=-107.2490;39.0000  
P57=-107.2718;39.0339  
P58=-107.2946;39.0678  
P59=-107.3175;39.1017  
P60=-107.3403;39.1356  
P61=-107.3631;39.1695  
P62=-107.3859;39.2035  
P63=-107.4087;39.2374  
P64=-107.4315;39.2713  
P65=-107.4544;39.3052  
P66=-107.4772;39.3391  
P67=-107.5000;39.3730

[C7]

gain=-30.00

n\_point=73

P1=-105.5000;40.6940  
P2=-105.5240;40.5970  
P3=-105.5480;40.5000  
P4=-105.5000;40.4210  
P5=-105.4617;40.3158  
P6=-105.4235;40.2105  
P7=-105.3852;40.1052  
P8=-105.3470;40.0000  
P9=-105.3156;39.9000  
P10=-105.2842;39.8000  
P11=-105.2528;39.7000  
P12=-105.2214;39.6000  
P13=-105.1900;39.5000  
P14=-105.1425;39.4093  
P15=-105.0950;39.3185  
P16=-105.0475;39.2277  
P17=-105.0000;39.1370  
P18=-104.9840;39.0685  
P19=-104.9680;39.0000  
P20=-104.9346;38.9000  
P21=-104.9012;38.8000  
P22=-104.8678;38.7000  
P23=-104.8344;38.6000  
P24=-104.8010;38.5000  
P25=-104.7408;38.4118  
P26=-104.6806;38.3236  
P27=-104.6204;38.2354  
P28=-104.5602;38.1472  
P29=-104.5000;38.0590  
P30=-104.3970;38.0000  
P31=-104.3176;37.9040  
P32=-104.2382;37.8080  
P33=-104.1588;37.7120  
P34=-104.0794;37.6160  
P35=-104.0000;37.5200  
P36=-103.9474;37.6160  
P37=-103.8948;37.7120  
P38=-103.8422;37.8080  
P39=-103.7896;37.9040  
P40=-103.7370;38.0000  
P41=-103.7308;38.1000

P42=-103.7246;38.2000  
P43=-103.7184;38.3000  
P44=-103.7122;38.4000  
P45=-103.7060;38.5000  
P46=-103.7294;38.6000  
P47=-103.7528;38.7000  
P48=-103.7762;38.8000  
P49=-103.7996;38.9000  
P50=-103.8230;39.0000  
P51=-103.8672;39.0882  
P52=-103.9115;39.1765  
P53=-103.9557;39.2647  
P54=-104.0000;39.3530  
P55=-104.0400;39.4265  
P56=-104.0800;39.5000  
P57=-104.1390;39.6000  
P58=-104.1980;39.7000  
P59=-104.2570;39.8000  
P60=-104.3160;39.9000  
P61=-104.3750;40.0000  
P62=-104.4375;40.0880  
P63=-104.5000;40.1760  
P64=-104.6035;40.2570  
P65=-104.7070;40.3380  
P66=-104.8105;40.4190  
P67=-104.9140;40.5000  
P68=-104.9570;40.5480  
P69=-105.0000;40.5960  
P70=-105.1250;40.6205  
P71=-105.2500;40.6450  
P72=-105.3750;40.6695  
P73=-105.5000;40.6940  
[C8]  
gain=-30.00  
n\_point=297  
P1=-123.5000;37.6360  
P2=-123.3610;38.0000  
P3=-123.1140;38.5000  
P4=-123.0000;38.6720  
P5=-122.5280;39.0000  
P6=-122.5000;39.0180  
P7=-122.4060;39.0000  
P8=-122.0000;38.9310  
P9=-121.5000;38.6440  
P10=-121.0000;38.5930  
P11=-120.5000;38.8990  
P12=-120.4020;39.0000  
P13=-120.0000;39.3450  
P14=-119.8260;39.5000  
P15=-119.5000;39.7830  
P16=-119.1410;40.0000  
P17=-119.0000;40.0760  
P18=-118.5000;40.1550  
P19=-118.0000;40.1710  
P20=-117.5000;40.3530  
P21=-117.3600;40.5000  
P22=-117.1510;41.0000

P23=-117.0800;41.5000  
P24=-117.0000;41.8920  
P25=-116.9690;42.0000  
P26=-116.7440;42.5000  
P27=-116.5000;42.8850  
P28=-116.3990;43.0000  
P29=-116.0000;43.3910  
P30=-115.8420;43.5000  
P31=-115.5000;43.7480  
P32=-115.0000;43.9560  
P33=-114.7900;44.0000  
P34=-114.5000;44.1100  
P35=-114.0000;44.2470  
P36=-113.5500;44.5000  
P37=-113.5000;44.6690  
P38=-113.4240;45.0000  
P39=-113.1930;45.5000  
P40=-113.0000;45.6270  
P41=-112.5000;45.8570  
P42=-112.0000;45.9710  
P43=-111.5590;46.0000  
P44=-111.5000;46.0030  
P45=-111.4490;46.0000  
P46=-111.0000;45.9720  
P47=-110.5000;45.8850  
P48=-110.0000;45.7470  
P49=-109.5000;45.5470  
P50=-109.4010;45.5000  
P51=-109.0000;45.2760  
P52=-108.5790;45.0000  
P53=-108.5000;44.9330  
P54=-108.0000;44.5380  
P55=-107.8740;44.5000  
P56=-107.5000;44.2510  
P57=-107.2510;44.5000  
P58=-107.0000;44.6570  
P59=-106.5000;44.8640  
P60=-106.0000;44.7840  
P61=-105.5000;44.5240  
P62=-105.4740;44.5000  
P63=-105.0000;44.1150  
P64=-104.9000;44.0000  
P65=-104.5000;43.5960  
P66=-104.4310;43.5000  
P67=-104.0230;43.0000  
P68=-104.0000;42.9750  
P69=-103.6950;42.5000  
P70=-103.5000;42.2460  
P71=-103.3660;42.0000  
P72=-103.0260;41.5000  
P73=-103.0000;41.4660  
P74=-102.7730;41.0000  
P75=-102.5000;40.6000  
P76=-102.4670;40.5000  
P77=-102.2570;40.0000  
P78=-102.0000;39.5580  
P79=-101.9800;39.5000

P80=-101.7980;39.0000  
P81=-101.5600;38.5000  
P82=-101.5000;38.3710  
P83=-101.3600;38.0000  
P84=-101.1910;37.5000  
P85=-101.0290;37.0000  
P86=-101.0000;36.8970  
P87=-100.5920;36.5000  
P88=-100.5000;36.3230  
P89=-100.4610;36.5000  
P90=-100.3650;37.0000  
P91=-100.3040;37.5000  
P92=-100.2790;38.0000  
P93=-100.2920;38.5000  
P94=-100.3390;39.0000  
P95=-100.4230;39.5000  
P96=-100.5000;39.8110  
P97=-100.5220;40.0000  
P98=-100.5980;40.5000  
P99=-100.7160;41.0000  
P100=-100.8770;41.5000  
P101=-101.0000;41.8100  
P102=-101.0440;42.0000  
P103=-101.1750;42.5000  
P104=-101.3560;43.0000  
P105=-101.5000;43.3240  
P106=-101.5590;43.5000  
P107=-101.7080;44.0000  
P108=-101.8640;44.5000  
P109=-101.5000;44.7910  
P110=-101.2410;44.5000  
P111=-101.0000;44.3190  
P112=-100.8060;44.0000  
P113=-100.5000;43.6370  
P114=-100.4350;43.5000  
P115=-100.1640;43.0000  
P116=-100.0000;42.7700  
P117=-99.8910 ;42.5000  
P118=-99.6460 ;42.0000  
P119=-99.5000 ;41.7580  
P120=-99.4130 ;41.5000  
P121=-99.2310 ;41.0000  
P122=-99.0190 ;40.5000  
P123=-99.0000 ;40.4550  
P124=-98.9080 ;40.0000  
P125=-98.7960 ;39.5000  
P126=-98.6740 ;39.0000  
P127=-98.5470 ;38.5000  
P128=-98.5000 ;38.3040  
P129=-98.4580 ;38.0000  
P130=-98.3990 ;37.5000  
P131=-98.3480 ;37.0000  
P132=-98.3120 ;36.5000  
P133=-98.2910 ;36.0000  
P134=-98.2890 ;35.5000  
P135=-98.3050 ;35.0000  
P136=-98.3380 ;34.5000

P137=-98.3980 ;34.0000  
P138=-98.4880 ;33.5000  
P139=-98.5000 ;33.4540  
P140=-98.6190 ;33.0000  
P141=-98.7540 ;32.5000  
P142=-98.8910 ;32.0000  
P143=-99.0000 ;31.6400  
P144=-99.0620 ;31.5000  
P145=-99.2860 ;31.0000  
P146=-99.4700 ;30.5000  
P147=-99.5000 ;30.4200  
P148=-99.7440 ;30.0000  
P149=-99.9600 ;29.5000  
P150=-100.0000;29.4000  
P151=-100.3040;29.0000  
P152=-100.5000;28.6290  
P153=-100.6500;28.5000  
P154=-100.9620;28.0000  
P155=-101.0000;27.9250  
P156=-101.2170;28.0000  
P157=-101.2210;28.5000  
P158=-101.1480;29.0000  
P159=-101.0820;29.5000  
P160=-101.0290;30.0000  
P161=-101.0000;30.2390  
P162=-100.9510;30.5000  
P163=-100.9140;31.0000  
P164=-100.9330;31.5000  
P165=-101.0000;31.8220  
P166=-101.0950;31.5000  
P167=-101.5000;31.1080  
P168=-101.5480;31.0000  
P169=-101.7950;30.5000  
P170=-102.0000;30.2360  
P171=-102.1530;30.0000  
P172=-102.4530;29.5000  
P173=-102.5000;29.4270  
P174=-102.8230;29.0000  
P175=-103.0000;28.7200  
P176=-103.2170;28.5000  
P177=-103.5000;28.1060  
P178=-103.6250;28.0000  
P179=-104.0000;27.5640  
P180=-104.0850;27.5000  
P181=-104.5000;27.0030  
P182=-104.5050;27.0000  
P183=-105.0000;26.6120  
P184=-105.2210;26.5000  
P185=-105.5000;26.3450  
P186=-105.6000;26.5000  
P187=-105.5000;26.8480  
P188=-105.4310;27.0000  
P189=-105.0630;27.5000  
P190=-105.0000;27.5780  
P191=-104.7050;28.0000  
P192=-104.5040;28.5000  
P193=-104.5000;28.5250



P194=-104.2910;29.0000  
P195=-104.2800;29.5000  
P196=-104.5000;29.8370  
P197=-105.0000;29.6140  
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P200=-105.6520;29.0000  
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P204=-107.0110;29.0000  
P205=-107.5000;29.3390  
P206=-107.8040;29.0000  
P207=-107.7230;28.5000  
P208=-107.5000;28.0340  
P209=-107.4690;28.0000  
P210=-107.4840;27.5000  
P211=-107.5000;27.4450  
P212=-107.6750;27.0000  
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P214=-108.0000;26.0790  
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P220=-107.5000;24.9170  
P221=-107.5070;24.5000  
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P223=-108.0000;23.8320  
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P226=-109.0000;23.1760  
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P230=-110.5000;22.9430  
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P232=-111.4140;23.0000  
P233=-111.5000;23.0140  
P234=-112.0000;23.1610  
P235=-112.5000;23.3800  
P236=-112.7180;23.5000  
P237=-112.9630;24.0000  
P238=-112.7480;24.5000  
P239=-112.5000;24.7590  
P240=-112.2990;25.0000  
P241=-112.0000;25.3590  
P242=-111.8920;25.5000  
P243=-112.0000;25.7570  
P244=-112.1660;26.0000  
P245=-112.5000;26.1330  
P246=-113.0000;26.0960  
P247=-113.3700;26.0000  
P248=-113.5000;25.9820  
P249=-114.0000;25.9630  
P250=-114.2450;26.0000

P251=-114.5000;26.0680  
P252=-115.0000;26.3460  
P253=-115.2280;26.5000  
P254=-115.5000;26.7260  
P255=-115.8360;27.0000  
P256=-116.0000;27.1750  
P257=-116.3260;27.5000  
P258=-116.5000;27.8000  
P259=-116.6300;28.0000  
P260=-116.6920;28.5000  
P261=-116.5000;28.9560  
P262=-116.4820;29.0000  
P263=-116.2520;29.5000  
P264=-116.5000;29.9470  
P265=-116.5450;30.0000  
P266=-117.0000;30.2530  
P267=-117.5000;30.2420  
P268=-118.0000;30.3080  
P269=-118.4200;30.5000  
P270=-118.5000;30.5460  
P271=-119.0000;30.9640  
P272=-119.0550;31.0000  
P273=-119.5000;31.4320  
P274=-119.6400;31.5000  
P275=-120.0000;31.8070  
P276=-120.5000;31.7520  
P277=-120.7680;31.5000  
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P280=-121.6180;31.5000  
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P282=-122.0670;32.0000  
P283=-122.3970;32.5000  
P284=-122.5000;32.6490  
P285=-122.6870;33.0000  
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P287=-123.0000;33.6300  
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P290=-123.4760;35.0000  
P291=-123.5000;35.1190  
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P293=-123.6610;36.0000  
P294=-123.6690;36.5000  
P295=-123.6350;37.0000  
P296=-123.5430;37.5000  
P297=-123.5000;37.6360