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sat\_name=USABSS-21  
long\_nom=-101.0000  
n\_diag=1  
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emi\_rcp=E  
polar\_disc=C  
reason=B  
n\_bore=1  
n\_cont=21  
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P6=-118.5000;45.3360  
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P12=-116.0000;45.7110  
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P13=-119.0000;48.1170  
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P161=-112.0000;30.8340  
P162=-112.5000;30.8530  
P163=-113.0000;30.9290  
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P168=-114.5000;31.7460  
P169=-114.7480;32.0000  
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P23=-123.5000;63.0770  
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P45=-118.0000;68.6020  
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P254=-107.0000;24.8040  
P255=-107.5000;24.5890  
P256=-107.6810;24.5000  
P257=-108.0000;24.4260  
P258=-108.5000;24.3130  
P259=-109.0000;24.2060  
P260=-109.5000;24.1140  
P261=-110.0000;24.0530  
P262=-110.5000;24.0310  
P263=-111.0000;24.0570  
P264=-111.5000;24.1230  
P265=-112.0000;24.2190  
P266=-112.5000;24.3420  
P267=-113.0000;24.4900  
P268=-113.0260;24.5000  
P269=-113.5000;24.7400  
P270=-114.0000;24.9810  
P271=-114.0350;25.0000  
P272=-114.5000;25.3540  
P273=-114.7120;25.5000  
P274=-115.0000;25.7930  
P275=-115.2490;26.0000  
P276=-115.5000;26.3720  
P277=-115.6200;26.5000  
P278=-115.5000;26.8990  
P279=-115.3860;27.0000  
P280=-115.0000;27.1020  
P281=-114.5000;27.3030  
P282=-114.4020;27.5000  
P283=-114.5000;27.5600  
P284=-114.9150;28.0000

P285=-115.0000;28.0740  
P286=-115.4060;28.5000  
P287=-115.5000;28.6040  
P288=-115.8820;29.0000  
P289=-116.0000;29.1520  
P290=-116.3650;29.5000  
P291=-116.5000;29.7150  
P292=-116.9040;30.0000  
P293=-117.0000;30.1430  
P294=-117.5000;30.3600  
P295=-117.7660;30.5000  
P296=-118.0000;30.6180  
P297=-118.5000;30.9520  
P298=-118.5490;31.0000  
P299=-119.0000;31.3980  
P300=-119.0950;31.5000  
P301=-119.5000;31.8970  
P302=-119.5880;32.0000  
P303=-120.0000;32.4370  
P304=-120.0530;32.5000  
P305=-120.4820;33.0000  
P306=-120.5000;33.0220  
P307=-120.8330;33.5000  
P308=-121.0000;33.7050  
P309=-121.2060;34.0000  
P310=-121.5000;34.3740  
P311=-121.5910;34.5000  
P312=-121.9500;35.0000  
P313=-122.0000;35.0660  
P314=-122.2900;35.5000  
P315=-122.5000;35.7950  
P316=-122.6380;36.0000  
P317=-122.9740;36.5000  
P318=-123.0000;36.5370  
P319=-123.2820;37.0000  
P320=-123.5000;37.3470  
P321=-123.5950;37.5000  
P322=-123.8450;38.0000  
P323=-124.0000;38.2900  
P324=-124.1100;38.5000  
P325=-124.3150;39.0000  
P326=-124.5000;39.4840  
P327=-124.5060;39.5000  
P328=-124.6460;40.0000  
P329=-124.7110;40.5000  
P330=-124.7620;41.0000  
P331=-124.7130;41.5000  
P332=-124.6180;42.0000  
P333=-124.5000;42.3020  
P334=-124.4190;42.5000  
P335=-124.3250;43.0000  
P336=-124.3320;43.5000  
P337=-124.3070;44.0000  
P338=-124.3200;44.5000  
P339=-124.2970;45.0000  
P340=-124.2820;45.5000  
P341=-124.2330;46.0000

P342=-124.1530;46.5000  
P343=-124.0560;47.0000  
P344=-124.0000;47.2160  
P345=-123.8890;47.5000  
P346=-123.6360;48.0000  
P347=-123.5000;48.1950  
P348=-123.0000;48.4660  
P349=-122.5000;48.3820  
P350=-122.0000;48.0990  
P351=-121.8600;48.0000  
P352=-121.5000;47.8000  
P353=-121.0000;47.7080  
P354=-120.5240;48.0000  
P355=-120.5000;48.0530  
P356=-120.3760;48.5000  
P357=-120.5000;48.8860  
P358=-120.5300;49.0000  
P359=-120.8460;49.5000  
P360=-121.0000;49.7150  
P361=-121.2470;50.0000  
P362=-121.5000;50.4000  
P363=-121.5630;50.5000  
P364=-121.7350;51.0000  
P365=-121.7990;51.5000  
P366=-121.7890;52.0000  
P367=-121.7230;52.5000  
P368=-121.6290;53.0000  
P369=-121.5110;53.5000  
P370=-121.5000;53.5390  
P371=-121.3000;54.0000  
P372=-121.0270;54.5000  
P373=-121.0000;54.5530  
P374=-120.5000;54.9200  
P375=-120.0000;54.9480  
P376=-119.5000;54.8770  
P377=-119.0000;54.7720  
P378=-118.5000;54.6480  
P379=-118.0680;54.5000  
P380=-118.0000;54.4600  
P381=-117.8010;54.5000  
P382=-117.7030;55.0000  
P383=-117.6620;55.5000  
P384=-117.6440;56.0000  
P385=-117.6230;56.5000  
P386=-117.5660;57.0000  
P387=-117.5000;57.2840  
P388=-117.4380;57.5000  
P389=-117.3000;58.0000  
P390=-117.0840;58.5000  
P391=-117.0000;58.7310  
P392=-116.8540;59.0000  
P393=-116.6100;59.5000  
P394=-116.6800;60.0000  
P395=-117.0000;60.3450  
P396=-117.1860;60.5000  
P397=-117.5000;60.6510  
P398=-118.0000;60.8060

P399=-118.5000;60.9030  
P400=-119.0000;60.9270  
P401=-119.5000;60.8620  
P402=-120.0000;60.6000  
P403=-120.0990;60.5000  
P404=-120.5000;60.0710  
P405=-120.5500;60.0000  
P406=-120.7640;59.5000  
P407=-120.8990;59.0000  
P408=-121.0000;58.5550  
P409=-121.0140;58.5000  
P410=-121.0940;58.0000  
P411=-121.2130;57.5000  
P412=-121.3820;57.0000  
P413=-121.5000;56.7490  
P414=-121.7490;56.5000  
P415=-122.0000;56.3780  
P416=-122.5000;56.3060  
P417=-123.0000;56.2930  
P418=-123.5000;56.2930  
P419=-124.0000;56.2740  
P420=-124.5000;56.2120  
P421=-125.0000;56.0550  
P422=-125.1140;56.0000  
P423=-125.3880;55.5000  
P424=-125.5000;55.1490  
P425=-125.5470;55.0000  
P426=-125.6550;54.5000  
P427=-125.8200;54.0000  
P428=-125.9560;53.5000  
P429=-126.0000;53.3910  
P430=-126.4920;53.0000  
P431=-126.5000;52.9950  
P432=-126.5100;53.0000  
P433=-127.0000;53.2690  
P434=-127.1320;53.5000  
P435=-127.3080;54.0000  
P436=-127.3950;54.5000  
P437=-127.3960;55.0000  
P438=-127.1560;55.5000  
P439=-127.0000;55.8160  
[C4]  
gain=-30.00  
n\_point=97  
P1=-110.0000;53.1670  
P2=-110.1600;53.0000  
P3=-110.0000;52.5530  
P4=-109.9850;52.5000  
P5=-109.5000;52.0990  
P6=-109.0000;52.0000  
P7=-108.5000;52.0470  
P8=-108.0000;52.1560  
P9=-107.5000;52.2070  
P10=-107.0000;52.1450  
P11=-106.5000;52.0040  
P12=-106.4910;52.0000  
P13=-106.0000;51.7040

P14=-105.6840;51.5000  
P15=-105.5000;51.3530  
P16=-105.1330;51.0000  
P17=-105.0000;50.8620  
P18=-104.7380;50.5000  
P19=-104.5000;50.2140  
P20=-104.3700;50.0000  
P21=-104.0000;49.5010  
P22=-103.9990;49.5000  
P23=-103.7730;49.0000  
P24=-103.5000;48.5770  
P25=-103.4590;48.5000  
P26=-103.2700;48.0000  
P27=-103.0000;47.5230  
P28=-102.9890;47.5000  
P29=-102.8340;47.0000  
P30=-102.5920;46.5000  
P31=-102.5000;46.3170  
P32=-102.4190;46.0000  
P33=-102.2600;45.5000  
P34=-102.0730;45.0000  
P35=-102.0000;44.7830  
P36=-101.9680;44.5000  
P37=-101.8980;44.0000  
P38=-101.8160;43.5000  
P39=-101.7450;43.0000  
P40=-101.6900;42.5000  
P41=-101.6520;42.0000  
P42=-101.6220;41.5000  
P43=-101.5900;41.0000  
P44=-101.5450;40.5000  
P45=-101.5000;40.1860  
P46=-101.2840;40.5000  
P47=-101.0000;40.7430  
P48=-100.9050;41.0000  
P49=-100.7630;41.5000  
P50=-100.6680;42.0000  
P51=-100.6090;42.5000  
P52=-100.5800;43.0000  
P53=-100.5760;43.5000  
P54=-100.5880;44.0000  
P55=-100.6100;44.5000  
P56=-100.6770;45.0000  
P57=-100.8070;45.5000  
P58=-101.0000;45.9810  
P59=-101.0040;46.0000  
P60=-101.1070;46.5000  
P61=-101.2770;47.0000  
P62=-101.5000;47.4390  
P63=-101.5180;47.5000  
P64=-101.6670;48.0000  
P65=-101.9260;48.5000  
P66=-102.0000;48.6260  
P67=-102.1240;49.0000  
P68=-102.4110;49.5000  
P69=-102.5000;49.6380  
P70=-102.6490;50.0000

P71=-102.9990;50.5000  
P72=-103.0000;50.5020  
P73=-103.2670;51.0000  
P74=-103.5000;51.3180  
P75=-103.6130;51.5000  
P76=-104.0000;51.9940  
P77=-104.0040;52.0000  
P78=-104.3920;52.5000  
P79=-104.5000;52.6240  
P80=-104.8550;53.0000  
P81=-105.0000;53.1580  
P82=-105.3740;53.5000  
P83=-105.5000;53.6360  
P84=-105.9520;54.0000  
P85=-106.0000;54.0550  
P86=-106.5000;54.4360  
P87=-106.7540;54.5000  
P88=-107.0000;54.6180  
P89=-107.3580;54.5000  
P90=-107.5000;54.4760  
P91=-108.0000;54.2010  
P92=-108.2760;54.0000  
P93=-108.5000;53.9170  
P94=-109.0000;53.7140  
P95=-109.4100;53.5000  
P96=-109.5000;53.4770  
P97=-110.0000;53.1670

[C5]

gain=-40.00

n\_point=270

P1=-86.5880 ;80.8770  
P2=-87.0000 ;80.6050  
P3=-87.1570 ;80.5000  
P4=-87.5000 ;80.2660  
P5=-87.8430 ;80.0000  
P6=-88.0000 ;79.8790  
P7=-88.4260 ;79.5000  
P8=-88.5000 ;79.4330  
P9=-88.9310 ;79.0000  
P10=-89.0000 ;78.9280  
P11=-89.3800 ;78.5000  
P12=-89.5000 ;78.3540  
P13=-89.7800 ;78.0000  
P14=-90.0000 ;77.6890  
P15=-90.1320 ;77.5000  
P16=-90.4330 ;77.0000  
P17=-90.5000 ;76.8810  
P18=-90.7060 ;76.5000  
P19=-90.9460 ;76.0000  
P20=-91.0000 ;75.8460  
P21=-91.1220 ;75.5000  
P22=-91.2510 ;75.0000  
P23=-91.3600 ;74.5000  
P24=-91.4240 ;74.0000  
P25=-91.5000 ;73.5700  
P26=-91.5130 ;73.5000  
P27=-91.5890 ;73.0000

P28=-91.6360 ;72.5000  
P29=-91.6630 ;72.0000  
P30=-91.6890 ;71.5000  
P31=-91.7260 ;71.0000  
P32=-91.7650 ;70.5000  
P33=-91.7810 ;70.0000  
P34=-91.7980 ;69.5000  
P35=-91.8270 ;69.0000  
P36=-91.8400 ;68.5000  
P37=-91.8490 ;68.0000  
P38=-91.8490 ;67.5000  
P39=-91.8110 ;67.0000  
P40=-91.7930 ;66.5000  
P41=-91.7860 ;66.0000  
P42=-91.7430 ;65.5000  
P43=-91.6980 ;65.0000  
P44=-91.5960 ;64.5000  
P45=-91.6530 ;64.0000  
P46=-91.5830 ;63.5000  
P47=-91.5360 ;63.0000  
P48=-91.5000 ;62.8420  
P49=-91.4600 ;62.5000  
P50=-91.4780 ;62.0000  
P51=-91.4630 ;61.5000  
P52=-91.4260 ;61.0000  
P53=-91.3390 ;60.5000  
P54=-91.3150 ;60.0000  
P55=-91.3450 ;59.5000  
P56=-91.2930 ;59.0000  
P57=-91.2430 ;58.5000  
P58=-91.2360 ;58.0000  
P59=-91.2380 ;57.5000  
P60=-91.1950 ;57.0000  
P61=-91.1370 ;56.5000  
P62=-91.1370 ;56.0000  
P63=-91.1450 ;55.5000  
P64=-91.1440 ;55.0000  
P65=-91.1210 ;54.5000  
P66=-91.1430 ;54.0000  
P67=-91.1680 ;53.5000  
P68=-91.1710 ;53.0000  
P69=-91.1610 ;52.5000  
P70=-91.1890 ;52.0000  
P71=-91.2340 ;51.5000  
P72=-91.2630 ;51.0000  
P73=-91.2790 ;50.5000  
P74=-91.3030 ;50.0000  
P75=-91.3540 ;49.5000  
P76=-91.3990 ;49.0000  
P77=-91.4360 ;48.5000  
P78=-91.4730 ;48.0000  
P79=-91.5000 ;47.8240  
P80=-91.5660 ;47.5000  
P81=-91.6550 ;47.0000  
P82=-91.7350 ;46.5000  
P83=-91.8110 ;46.0000  
P84=-91.8790 ;45.5000

P85=-91.9900 ;45.0000  
P86=-92.0000 ;44.9630  
P87=-92.1400 ;44.5000  
P88=-92.2730 ;44.0000  
P89=-92.3870 ;43.5000  
P90=-92.4790 ;43.0000  
P91=-92.5000 ;42.8990  
P92=-92.6280 ;42.5000  
P93=-92.7870 ;42.0000  
P94=-92.9110 ;41.5000  
P95=-92.9970 ;41.0000  
P96=-93.0000 ;40.9810  
P97=-93.1510 ;40.5000  
P98=-93.2760 ;40.0000  
P99=-93.3800 ;39.5000  
P100=-93.4640 ;39.0000  
P101=-93.5000 ;38.7500  
P102=-93.5790 ;38.5000  
P103=-93.7390 ;38.0000  
P104=-93.8740 ;37.5000  
P105=-93.9780 ;37.0000  
P106=-94.0000 ;36.9390  
P107=-94.2290 ;36.5000  
P108=-94.3990 ;36.0000  
P109=-94.5000 ;35.6540  
P110=-94.5840 ;35.5000  
P111=-94.8410 ;35.0000  
P112=-95.0000 ;34.5590  
P113=-95.0360 ;34.5000  
P114=-95.3300 ;34.0000  
P115=-95.5000 ;33.5580  
P116=-95.5340 ;33.5000  
P117=-95.7840 ;33.0000  
P118=-95.9570 ;32.5000  
P119=-96.0000 ;32.3750  
P120=-96.1570 ;32.0000  
P121=-96.2990 ;31.5000  
P122=-96.4940 ;31.0000  
P123=-96.5000 ;30.9900  
P124=-96.6540 ;30.5000  
P125=-96.8130 ;30.0000  
P126=-97.0000 ;29.7810  
P127=-97.1120 ;29.5000  
P128=-97.2130 ;29.0000  
P129=-97.0000 ;28.8870  
P130=-96.9150 ;29.0000  
P131=-96.6630 ;29.5000  
P132=-96.5000 ;29.6360  
P133=-96.2950 ;30.0000  
P134=-96.0000 ;30.3760  
P135=-95.9170 ;30.5000  
P136=-95.6270 ;31.0000  
P137=-95.5000 ;31.1530  
P138=-95.2750 ;31.5000  
P139=-95.0000 ;31.9650  
P140=-94.9740 ;32.0000  
P141=-94.6330 ;32.5000

P142=-94.5000 ;32.7540  
P143=-94.3220 ;33.0000  
P144=-94.0750 ;33.5000  
P145=-94.0000 ;33.6780  
P146=-93.7680 ;34.0000  
P147=-93.5590 ;34.5000  
P148=-93.5000 ;34.6870  
P149=-93.2960 ;35.0000  
P150=-93.0970 ;35.5000  
P151=-93.0000 ;35.9940  
P152=-92.9970 ;36.0000  
P153=-92.7330 ;36.5000  
P154=-92.5920 ;37.0000  
P155=-92.5000 ;37.4840  
P156=-92.4920 ;37.5000  
P157=-92.2760 ;38.0000  
P158=-92.1360 ;38.5000  
P159=-92.0350 ;39.0000  
P160=-92.0000 ;39.2190  
P161=-91.8870 ;39.5000  
P162=-91.7310 ;40.0000  
P163=-91.6220 ;40.5000  
P164=-91.5370 ;41.0000  
P165=-91.5000 ;41.2280  
P166=-91.3940 ;41.5000  
P167=-91.2230 ;42.0000  
P168=-91.1010 ;42.5000  
P169=-91.0110 ;43.0000  
P170=-91.0000 ;43.0690  
P171=-90.8570 ;43.5000  
P172=-90.7390 ;44.0000  
P173=-90.6370 ;44.5000  
P174=-90.5280 ;45.0000  
P175=-90.5000 ;45.1510  
P176=-90.3870 ;45.5000  
P177=-90.2840 ;46.0000  
P178=-90.2220 ;46.5000  
P179=-90.1470 ;47.0000  
P180=-90.0760 ;47.5000  
P181=-90.0290 ;48.0000  
P182=-90.0050 ;48.5000  
P183=-90.0000 ;48.5470  
P184=-89.9230 ;49.0000  
P185=-89.8610 ;49.5000  
P186=-89.8370 ;50.0000  
P187=-89.8320 ;50.5000  
P188=-89.7590 ;51.0000  
P189=-89.7080 ;51.5000  
P190=-89.6900 ;52.0000  
P191=-89.6770 ;52.5000  
P192=-89.6390 ;53.0000  
P193=-89.6280 ;53.5000  
P194=-89.6340 ;54.0000  
P195=-89.5880 ;54.5000  
P196=-89.5470 ;55.0000  
P197=-89.5370 ;55.5000  
P198=-89.5090 ;56.0000

P199=-89.5000 ;56.1820  
P200=-89.4730 ;56.5000  
P201=-89.5000 ;56.8860  
P202=-89.5040 ;57.0000  
P203=-89.5150 ;57.5000  
P204=-89.5000 ;57.7090  
P205=-89.4610 ;58.0000  
P206=-89.4700 ;58.5000  
P207=-89.4850 ;59.0000  
P208=-89.3750 ;59.5000  
P209=-89.3630 ;60.0000  
P210=-89.3770 ;60.5000  
P211=-89.3350 ;61.0000  
P212=-89.3220 ;61.5000  
P213=-89.3760 ;62.0000  
P214=-89.3410 ;62.5000  
P215=-89.3210 ;63.0000  
P216=-89.3440 ;63.5000  
P217=-89.3320 ;64.0000  
P218=-89.2270 ;64.5000  
P219=-89.2210 ;65.0000  
P220=-89.1740 ;65.5000  
P221=-89.1110 ;66.0000  
P222=-89.0900 ;66.5000  
P223=-89.0520 ;67.0000  
P224=-89.0000 ;67.3400  
P225=-88.9710 ;67.5000  
P226=-88.9580 ;68.0000  
P227=-88.8480 ;68.5000  
P228=-88.7570 ;69.0000  
P229=-88.6720 ;69.5000  
P230=-88.5780 ;70.0000  
P231=-88.5000 ;70.4430  
P232=-88.4850 ;70.5000  
P233=-88.2900 ;71.0000  
P234=-88.1650 ;71.5000  
P235=-88.0000 ;71.9090  
P236=-87.9580 ;72.0000  
P237=-87.7670 ;72.5000  
P238=-87.5740 ;73.0000  
P239=-87.5000 ;73.1920  
P240=-87.3600 ;73.5000  
P241=-87.0800 ;74.0000  
P242=-87.0000 ;74.1350  
P243=-86.7580 ;74.5000  
P244=-86.5000 ;74.8970  
P245=-86.4250 ;75.0000  
P246=-86.0790 ;75.5000  
P247=-86.0000 ;75.6190  
P248=-85.7180 ;76.0000  
P249=-85.5000 ;76.2980  
P250=-85.3350 ;76.5000  
P251=-85.0000 ;76.8190  
P252=-84.8120 ;77.0000  
P253=-84.5000 ;77.2640  
P254=-84.2360 ;77.5000  
P255=-84.0000 ;77.6860

P256=-83.6270 ;78.0000  
P257=-83.5000 ;78.0950  
P258=-83.0000 ;78.4270  
P259=-82.9000 ;78.5000  
P260=-82.5000 ;78.7490  
P261=-82.1140 ;79.0000  
P262=-82.0000 ;79.0680  
P263=-81.5000 ;79.3320  
P264=-81.2170 ;79.5000  
P265=-81.0000 ;79.6140  
P266=-80.5000 ;79.8450  
P267=-80.2040 ;80.0000  
P268=-80.0000 ;80.0940  
P269=-79.5000 ;80.2990  
P270=-79.1100 ;80.4740

[C6]

gain=-40.00

n\_point=167

P1=-94.5000 ;53.1470  
P2=-94.5630 ;53.5000  
P3=-94.6120 ;54.0000  
P4=-94.6830 ;54.5000  
P5=-94.7950 ;55.0000  
P6=-94.9700 ;55.5000  
P7=-95.0000 ;55.6370  
P8=-95.0420 ;56.0000  
P9=-95.1200 ;56.5000  
P10=-95.1900 ;57.0000  
P11=-95.3570 ;57.5000  
P12=-95.5000 ;57.9420  
P13=-95.5110 ;58.0000  
P14=-95.5840 ;58.5000  
P15=-95.7740 ;59.0000  
P16=-95.9510 ;59.5000  
P17=-96.0000 ;59.6140  
P18=-96.0980 ;60.0000  
P19=-96.2440 ;60.5000  
P20=-96.4730 ;61.0000  
P21=-96.5000 ;61.0620  
P22=-96.6450 ;61.5000  
P23=-96.8370 ;62.0000  
P24=-97.0000 ;62.3110  
P25=-97.0810 ;62.5000  
P26=-97.2640 ;63.0000  
P27=-97.5000 ;63.4070  
P28=-97.5560 ;63.5000  
P29=-97.7590 ;64.0000  
P30=-98.0000 ;64.4350  
P31=-98.0510 ;64.5000  
P32=-98.3250 ;65.0000  
P33=-98.5000 ;65.3210  
P34=-98.6560 ;65.5000  
P35=-99.0000 ;65.9830  
P36=-99.0200 ;66.0000  
P37=-99.4580 ;66.5000  
P38=-99.5000 ;66.5570  
P39=-100.0000 ;66.6910

P40=-100.0800;66.5000  
P41=-100.0380;66.0000  
P42=-100.0240;65.5000  
P43=-100.0000;65.4540  
P44=-99.7940 ;65.0000  
P45=-99.6600 ;64.5000  
P46=-99.5000 ;64.1800  
P47=-99.4110 ;64.0000  
P48=-99.2320 ;63.5000  
P49=-99.0060 ;63.0000  
P50=-99.0000 ;62.9890  
P51=-98.7910 ;62.5000  
P52=-98.5660 ;62.0000  
P53=-98.5000 ;61.8870  
P54=-98.3380 ;61.5000  
P55=-98.1210 ;61.0000  
P56=-98.0000 ;60.7780  
P57=-97.8930 ;60.5000  
P58=-97.7030 ;60.0000  
P59=-97.5000 ;59.5500  
P60=-97.4800 ;59.5000  
P61=-97.3370 ;59.0000  
P62=-97.1650 ;58.5000  
P63=-97.0000 ;58.1650  
P64=-96.9620 ;58.0000  
P65=-96.7980 ;57.5000  
P66=-96.6140 ;57.0000  
P67=-96.5000 ;56.7050  
P68=-96.4660 ;56.5000  
P69=-96.3070 ;56.0000  
P70=-96.2150 ;55.5000  
P71=-96.1160 ;55.0000  
P72=-96.0000 ;54.6870  
P73=-95.9240 ;54.5000  
P74=-95.8520 ;54.0000  
P75=-95.7480 ;53.5000  
P76=-95.6190 ;53.0000  
P77=-95.5000 ;52.6070  
P78=-95.4780 ;52.5000  
P79=-95.4170 ;52.0000  
P80=-95.3210 ;51.5000  
P81=-95.2770 ;51.0000  
P82=-95.2400 ;50.5000  
P83=-95.1840 ;50.0000  
P84=-95.1190 ;49.5000  
P85=-95.0540 ;49.0000  
P86=-95.0250 ;48.5000  
P87=-95.0210 ;48.0000  
P88=-95.0190 ;47.5000  
P89=-95.0200 ;47.0000  
P90=-95.0310 ;46.5000  
P91=-95.0530 ;46.0000  
P92=-95.0830 ;45.5000  
P93=-95.1250 ;45.0000  
P94=-95.1880 ;44.5000  
P95=-95.2610 ;44.0000  
P96=-95.3380 ;43.5000

P97=-95.4160 ;43.0000  
P98=-95.4970 ;42.5000  
P99=-95.5000 ;42.4840  
P100=-95.6180 ;42.0000  
P101=-95.7310 ;41.5000  
P102=-95.8350 ;41.0000  
P103=-95.9140 ;40.5000  
P104=-95.9820 ;40.0000  
P105=-96.0000 ;39.8970  
P106=-96.1350 ;39.5000  
P107=-96.2460 ;39.0000  
P108=-96.3190 ;38.5000  
P109=-96.4040 ;38.0000  
P110=-96.5000 ;37.7110  
P111=-96.5690 ;37.5000  
P112=-96.6790 ;37.0000  
P113=-96.7630 ;36.5000  
P114=-96.9440 ;36.0000  
P115=-97.0000 ;35.9400  
P116=-97.1270 ;35.5000  
P117=-97.2110 ;35.0000  
P118=-97.5000 ;34.5520  
P119=-97.5230 ;34.5000  
P120=-97.6360 ;34.0000  
P121=-97.5000 ;33.6090  
P122=-97.3200 ;34.0000  
P123=-97.0000 ;34.4830  
P124=-96.9910 ;34.5000  
P125=-96.8060 ;35.0000  
P126=-96.6300 ;35.5000  
P127=-96.5000 ;35.6240  
P128=-96.3420 ;36.0000  
P129=-96.1900 ;36.5000  
P130=-96.0000 ;36.8740  
P131=-95.9440 ;37.0000  
P132=-95.7490 ;37.5000  
P133=-95.6030 ;38.0000  
P134=-95.5000 ;38.2580  
P135=-95.3860 ;38.5000  
P136=-95.1850 ;39.0000  
P137=-95.0620 ;39.5000  
P138=-95.0000 ;39.9560  
P139=-94.9820 ;40.0000  
P140=-94.7920 ;40.5000  
P141=-94.6630 ;41.0000  
P142=-94.5830 ;41.5000  
P143=-94.5320 ;42.0000  
P144=-94.5000 ;42.3880  
P145=-94.4760 ;42.5000  
P146=-94.3690 ;43.0000  
P147=-94.2820 ;43.5000  
P148=-94.2190 ;44.0000  
P149=-94.1760 ;44.5000  
P150=-94.1450 ;45.0000  
P151=-94.1210 ;45.5000  
P152=-94.1010 ;46.0000  
P153=-94.1060 ;46.5000

P154=-94.1000 ;47.0000  
P155=-94.0890 ;47.5000  
P156=-94.0830 ;48.0000  
P157=-94.0820 ;48.5000  
P158=-94.0900 ;49.0000  
P159=-94.1220 ;49.5000  
P160=-94.1560 ;50.0000  
P161=-94.1760 ;50.5000  
P162=-94.1810 ;51.0000  
P163=-94.2330 ;51.5000  
P164=-94.3170 ;52.0000  
P165=-94.4290 ;52.5000  
P166=-94.4710 ;53.0000  
P167=-94.5000 ;53.1470

[C7]

gain=-40.00

n\_point=101

P1=-98.0000 ;47.5510  
P2=-98.1880 ;48.0000  
P3=-98.2810 ;48.5000  
P4=-98.2900 ;49.0000  
P5=-98.3520 ;49.5000  
P6=-98.5000 ;49.9080  
P7=-98.5730 ;50.0000  
P8=-98.6670 ;50.5000  
P9=-98.7740 ;51.0000  
P10=-99.0000 ;51.4590  
P11=-99.0260 ;51.5000  
P12=-99.1590 ;52.0000  
P13=-99.3240 ;52.5000  
P14=-99.5000 ;52.8670  
P15=-99.5590 ;53.0000  
P16=-99.7190 ;53.5000  
P17=-99.8200 ;54.0000  
P18=-100.0000;54.2970  
P19=-100.1100;54.5000  
P20=-100.5000;54.9840  
P21=-100.5230;55.0000  
P22=-100.7670;55.5000  
P23=-101.0000;55.8310  
P24=-101.0960;56.0000  
P25=-101.3930;56.5000  
P26=-101.5000;56.6470  
P27=-101.7710;57.0000  
P28=-102.0000;57.3040  
P29=-102.2170;57.5000  
P30=-102.5000;57.8360  
P31=-102.8760;58.0000  
P32=-103.0000;58.1010  
P33=-103.1310;58.0000  
P34=-103.0750;57.5000  
P35=-103.0000;57.4080  
P36=-102.6840;57.0000  
P37=-102.5000;56.7230  
P38=-102.3850;56.5000  
P39=-102.0650;56.0000  
P40=-102.0000;55.9120

P41=-101.7570;55.5000  
P42=-101.5000;55.0890  
P43=-101.4400;55.0000  
P44=-101.2310;54.5000  
P45=-101.0000;54.1860  
P46=-100.9570;54.0000  
P47=-100.7660;53.5000  
P48=-100.5000;53.1290  
P49=-100.3810;53.0000  
P50=-100.2410;52.5000  
P51=-100.0000;52.1110  
P52=-99.9090 ;52.0000  
P53=-99.7910 ;51.5000  
P54=-99.5340 ;51.0000  
P55=-99.5000 ;50.9130  
P56=-99.3540 ;50.5000  
P57=-99.1970 ;50.0000  
P58=-99.0440 ;49.5000  
P59=-99.0000 ;49.2810  
P60=-98.8960 ;49.0000  
P61=-98.7280 ;48.5000  
P62=-98.6530 ;48.0000  
P63=-98.6570 ;47.5000  
P64=-98.6220 ;47.0000  
P65=-98.5190 ;46.5000  
P66=-98.5000 ;46.4060  
P67=-98.3660 ;46.0000  
P68=-98.3590 ;45.5000  
P69=-98.3540 ;45.0000  
P70=-98.3400 ;44.5000  
P71=-98.3190 ;44.0000  
P72=-98.3130 ;43.5000  
P73=-98.3320 ;43.0000  
P74=-98.3900 ;42.5000  
P75=-98.5000 ;42.1130  
P76=-98.5280 ;42.0000  
P77=-98.6250 ;41.5000  
P78=-98.6100 ;41.0000  
P79=-98.6090 ;40.5000  
P80=-98.6090 ;40.0000  
P81=-98.5370 ;39.5000  
P82=-98.5000 ;39.4230  
P83=-98.4720 ;39.5000  
P84=-98.3500 ;40.0000  
P85=-98.1820 ;40.5000  
P86=-98.0000 ;40.6550  
P87=-97.8600 ;41.0000  
P88=-97.7020 ;41.5000  
P89=-97.6710 ;42.0000  
P90=-97.6770 ;42.5000  
P91=-97.6660 ;43.0000  
P92=-97.6480 ;43.5000  
P93=-97.6330 ;44.0000  
P94=-97.6300 ;44.5000  
P95=-97.6440 ;45.0000  
P96=-97.6870 ;45.5000  
P97=-97.7760 ;46.0000

P98=-97.8780 ;46.5000  
P99=-97.9380 ;47.0000  
P100=-97.9890 ;47.5000  
P101=-98.0000 ;47.5510  
[C8]  
gain=-50.00  
n\_point=414  
P1=-32.5380 ;65.2720  
P2=-33.0000 ;65.2170  
P3=-33.5000 ;65.1360  
P4=-34.0000 ;65.0660  
P5=-34.5000 ;65.0060  
P6=-34.5560 ;65.0000  
P7=-35.0000 ;64.8650  
P8=-35.5000 ;64.7860  
P9=-36.0000 ;64.7070  
P10=-36.5000 ;64.6130  
P11=-37.0000 ;64.5340  
P12=-37.2450 ;64.5000  
P13=-37.5000 ;64.3960  
P14=-38.0000 ;64.3010  
P15=-38.5000 ;64.2080  
P16=-39.0000 ;64.1010  
P17=-39.5000 ;64.0100  
P18=-39.5630 ;64.0000  
P19=-40.0000 ;63.8580  
P20=-40.5000 ;63.7610  
P21=-41.0000 ;63.6330  
P22=-41.5000 ;63.5230  
P23=-41.6210 ;63.5000  
P24=-42.0000 ;63.3690  
P25=-42.5000 ;63.2560  
P26=-43.0000 ;63.1150  
P27=-43.4690 ;63.0000  
P28=-43.5000 ;62.9800  
P29=-44.0000 ;62.8300  
P30=-44.5000 ;62.6910  
P31=-45.0000 ;62.5470  
P32=-45.1800 ;62.5000  
P33=-45.5000 ;62.3790  
P34=-46.0000 ;62.2350  
P35=-46.5000 ;62.0740  
P36=-46.7500 ;62.0000  
P37=-47.0000 ;61.8980  
P38=-47.5000 ;61.7420  
P39=-48.0000 ;61.5670  
P40=-48.1990 ;61.5000  
P41=-48.5000 ;61.3840  
P42=-49.0000 ;61.2110  
P43=-49.5000 ;61.0270  
P44=-49.5700 ;61.0000  
P45=-50.0000 ;60.8390  
P46=-50.5000 ;60.6400  
P47=-50.8530 ;60.5000  
P48=-51.0000 ;60.4350  
P49=-51.5000 ;60.2340  
P50=-52.0000 ;60.0180

P51=-52.0390 ;60.0000  
P52=-52.5000 ;59.8050  
P53=-53.0000 ;59.5740  
P54=-53.1550 ;59.5000  
P55=-53.5000 ;59.3440  
P56=-54.0000 ;59.0950  
P57=-54.1820 ;59.0000  
P58=-54.5000 ;58.8500  
P59=-55.0000 ;58.5790  
P60=-55.1390 ;58.5000  
P61=-55.5000 ;58.3130  
P62=-56.0000 ;58.0060  
P63=-56.0110 ;58.0000  
P64=-56.5000 ;57.7360  
P65=-56.8410 ;57.5000  
P66=-57.0000 ;57.3990  
P67=-57.5000 ;57.1020  
P68=-57.6380 ;57.0000  
P69=-58.0000 ;56.7750  
P70=-58.3850 ;56.5000  
P71=-58.5000 ;56.4150  
P72=-59.0000 ;56.1020  
P73=-59.1280 ;56.0000  
P74=-59.5000 ;55.7510  
P75=-59.8410 ;55.5000  
P76=-60.0000 ;55.3800  
P77=-60.5000 ;55.0310  
P78=-60.5370 ;55.0000  
P79=-61.0000 ;54.6630  
P80=-61.1930 ;54.5000  
P81=-61.5000 ;54.2510  
P82=-61.8080 ;54.0000  
P83=-62.0000 ;53.8320  
P84=-62.3840 ;53.5000  
P85=-62.5000 ;53.3960  
P86=-62.9230 ;53.0000  
P87=-63.0000 ;52.9310  
P88=-63.4430 ;52.5000  
P89=-63.5000 ;52.4480  
P90=-63.9560 ;52.0000  
P91=-64.0000 ;51.9600  
P92=-64.4690 ;51.5000  
P93=-64.5000 ;51.4710  
P94=-64.9820 ;51.0000  
P95=-65.0000 ;50.9820  
P96=-65.4840 ;50.5000  
P97=-65.5000 ;50.4840  
P98=-65.9640 ;50.0000  
P99=-66.0000 ;49.9600  
P100=-66.4230 ;49.5000  
P101=-66.5000 ;49.4110  
P102=-66.8660 ;49.0000  
P103=-67.0000 ;48.8430  
P104=-67.3040 ;48.5000  
P105=-67.5000 ;48.2710  
P106=-67.7430 ;48.0000  
P107=-68.0000 ;47.7000

P108=-68.1800 ;47.5000  
P109=-68.5000 ;47.1130  
P110=-68.5980 ;47.0000  
P111=-69.0000 ;46.5240  
P112=-69.0210 ;46.5000  
P113=-69.4300 ;46.0000  
P114=-69.5000 ;45.9050  
P115=-69.8200 ;45.5000  
P116=-70.0000 ;45.2590  
P117=-70.2020 ;45.0000  
P118=-70.5000 ;44.6360  
P119=-70.6240 ;44.5000  
P120=-70.9960 ;44.0000  
P121=-71.0000 ;43.9940  
P122=-71.3790 ;43.5000  
P123=-71.5000 ;43.3290  
P124=-71.7680 ;43.0000  
P125=-72.0000 ;42.5990  
P126=-72.0710 ;42.5000  
P127=-72.4350 ;42.0000  
P128=-72.5000 ;41.9010  
P129=-72.8110 ;41.5000  
P130=-73.0000 ;41.1930  
P131=-73.1480 ;41.0000  
P132=-73.4630 ;40.5000  
P133=-73.5000 ;40.4340  
P134=-73.8000 ;40.0000  
P135=-74.0000 ;39.6500  
P136=-74.1080 ;39.5000  
P137=-74.4270 ;39.0000  
P138=-74.5000 ;38.8730  
P139=-74.7690 ;38.5000  
P140=-75.0000 ;38.0860  
P141=-75.0670 ;38.0000  
P142=-75.3710 ;37.5000  
P143=-75.5000 ;37.2810  
P144=-75.7170 ;37.0000  
P145=-75.9860 ;36.5000  
P146=-76.0000 ;36.4760  
P147=-76.3410 ;36.0000  
P148=-76.5000 ;35.7230  
P149=-76.6780 ;35.5000  
P150=-76.9630 ;35.0000  
P151=-77.0000 ;34.9350  
P152=-77.3190 ;34.5000  
P153=-77.5000 ;34.1780  
P154=-77.6360 ;34.0000  
P155=-77.9360 ;33.5000  
P156=-78.0000 ;33.3630  
P157=-78.2550 ;33.0000  
P158=-78.4990 ;32.5000  
P159=-78.5000 ;32.4970  
P160=-78.8740 ;32.0000  
P161=-79.0000 ;31.7090  
P162=-79.1440 ;31.5000  
P163=-79.4150 ;31.0000  
P164=-79.5000 ;30.7980

P165=-79.7030 ;30.5000  
P166=-79.9720 ;30.0000  
P167=-80.0000 ;29.9270  
P168=-80.3080 ;29.5000  
P169=-80.5000 ;29.0480  
P170=-80.5340 ;29.0000  
P171=-80.8910 ;28.5000  
P172=-81.0000 ;28.2880  
P173=-81.2250 ;28.0000  
P174=-81.4930 ;27.5000  
P175=-81.5000 ;27.4840  
P176=-81.8540 ;27.0000  
P177=-82.0000 ;26.7230  
P178=-82.1710 ;26.5000  
P179=-82.4720 ;26.0000  
P180=-82.5000 ;25.9440  
P181=-82.8200 ;25.5000  
P182=-83.0000 ;25.1420  
P183=-83.1050 ;25.0000  
P184=-83.4070 ;24.5000  
P185=-83.5000 ;24.3150  
P186=-83.7160 ;24.0000  
P187=-83.9720 ;23.5000  
P188=-84.0000 ;23.4510  
P189=-84.3190 ;23.0000  
P190=-84.5000 ;22.6750  
P191=-84.6310 ;22.5000  
P192=-84.9160 ;22.0000  
P193=-85.0000 ;21.8630  
P194=-85.2710 ;21.5000  
P195=-85.5000 ;21.1290  
P196=-85.6020 ;21.0000  
P197=-85.9170 ;20.5000  
P198=-86.0000 ;20.3570  
P199=-86.2380 ;20.0000  
P200=-86.5000 ;19.5490  
P201=-86.5360 ;19.5000  
P202=-86.8230 ;19.0000  
P203=-87.0000 ;18.7200  
P204=-87.1430 ;18.5000  
P205=-87.3630 ;18.0000  
P206=-87.5000 ;17.7400  
P207=-87.6010 ;17.5000  
P208=-87.5000 ;17.3240  
P209=-87.3370 ;17.5000  
P210=-87.0000 ;17.7100  
P211=-86.7320 ;18.0000  
P212=-86.5000 ;18.2070  
P213=-86.2480 ;18.5000  
P214=-86.0000 ;18.7330  
P215=-85.7650 ;19.0000  
P216=-85.5000 ;19.2670  
P217=-85.2780 ;19.5000  
P218=-85.0000 ;19.8330  
P219=-84.8430 ;20.0000  
P220=-84.5050 ;20.5000  
P221=-84.5000 ;20.5060

P222=-84.0900 ;21.0000  
P223=-84.0000 ;21.1290  
P224=-83.7040 ;21.5000  
P225=-83.5000 ;21.8500  
P226=-83.3830 ;22.0000  
P227=-83.0710 ;22.5000  
P228=-83.0000 ;22.6170  
P229=-82.7120 ;23.0000  
P230=-82.5000 ;23.4230  
P231=-82.4410 ;23.5000  
P232=-82.0930 ;24.0000  
P233=-82.0000 ;24.1480  
P234=-81.6950 ;24.5000  
P235=-81.5000 ;24.8600  
P236=-81.3780 ;25.0000  
P237=-81.0630 ;25.5000  
P238=-81.0000 ;25.6090  
P239=-80.6700 ;26.0000  
P240=-80.5000 ;26.3120  
P241=-80.3330 ;26.5000  
P242=-80.0500 ;27.0000  
P243=-80.0000 ;27.1070  
P244=-79.7000 ;27.5000  
P245=-79.5000 ;27.9540  
P246=-79.4640 ;28.0000  
P247=-79.1200 ;28.5000  
P248=-79.0000 ;28.7830  
P249=-78.8490 ;29.0000  
P250=-78.5840 ;29.5000  
P251=-78.5000 ;29.6990  
P252=-78.2930 ;30.0000  
P253=-78.0330 ;30.5000  
P254=-78.0000 ;30.5750  
P255=-77.6800 ;31.0000  
P256=-77.5000 ;31.3730  
P257=-77.3970 ;31.5000  
P258=-77.0800 ;32.0000  
P259=-77.0000 ;32.1520  
P260=-76.7370 ;32.5000  
P261=-76.5000 ;32.9580  
P262=-76.4680 ;33.0000  
P263=-76.1060 ;33.5000  
P264=-76.0000 ;33.7120  
P265=-75.7710 ;34.0000  
P266=-75.5000 ;34.4820  
P267=-75.4850 ;34.5000  
P268=-75.1150 ;35.0000  
P269=-75.0000 ;35.2810  
P270=-74.8560 ;35.5000  
P271=-74.5520 ;36.0000  
P272=-74.5000 ;36.0990  
P273=-74.1930 ;36.5000  
P274=-74.0000 ;36.9180  
P275=-73.9450 ;37.0000  
P276=-73.6010 ;37.5000  
P277=-73.5000 ;37.7510  
P278=-73.3470 ;38.0000

P279=-73.0300 ;38.5000  
P280=-73.0000 ;38.5600  
P281=-72.6880 ;39.0000  
P282=-72.5000 ;39.2960  
P283=-72.3380 ;39.5000  
P284=-72.0630 ;40.0000  
P285=-72.0000 ;40.1030  
P286=-71.6920 ;40.5000  
P287=-71.5000 ;40.8900  
P288=-71.4250 ;41.0000  
P289=-71.0380 ;41.5000  
P290=-71.0000 ;41.5610  
P291=-70.6590 ;42.0000  
P292=-70.5000 ;42.2490  
P293=-70.3000 ;42.5000  
P294=-70.0000 ;42.9560  
P295=-69.9640 ;43.0000  
P296=-69.6170 ;43.5000  
P297=-69.5000 ;43.6610  
P298=-69.2200 ;44.0000  
P299=-69.0000 ;44.2920  
P300=-68.8190 ;44.5000  
P301=-68.5000 ;44.9520  
P302=-68.4600 ;45.0000  
P303=-68.0800 ;45.5000  
P304=-68.0000 ;45.6040  
P305=-67.6560 ;46.0000  
P306=-67.5000 ;46.2060  
P307=-67.2480 ;46.5000  
P308=-67.0000 ;46.8200  
P309=-66.8440 ;47.0000  
P310=-66.5000 ;47.4270  
P311=-66.4360 ;47.5000  
P312=-66.0140 ;48.0000  
P313=-66.0000 ;48.0160  
P314=-65.5630 ;48.5000  
P315=-65.5000 ;48.5700  
P316=-65.0970 ;49.0000  
P317=-65.0000 ;49.1070  
P318=-64.6300 ;49.5000  
P319=-64.5000 ;49.6400  
P320=-64.1570 ;50.0000  
P321=-64.0000 ;50.1610  
P322=-63.6670 ;50.5000  
P323=-63.5000 ;50.6630  
P324=-63.1500 ;51.0000  
P325=-63.0000 ;51.1420  
P326=-62.6110 ;51.5000  
P327=-62.5000 ;51.6030  
P328=-62.0570 ;52.0000  
P329=-62.0000 ;52.0550  
P330=-61.5000 ;52.4920  
P331=-61.4920 ;52.5000  
P332=-61.0000 ;52.9250  
P333=-60.9200 ;53.0000  
P334=-60.5000 ;53.3630  
P335=-60.3440 ;53.5000

P336=-60.0000 ;53.7930  
P337=-59.7400 ;54.0000  
P338=-59.5000 ;54.1800  
P339=-59.0930 ;54.5000  
P340=-59.0000 ;54.5680  
P341=-58.5000 ;54.9510  
P342=-58.4310 ;55.0000  
P343=-58.0000 ;55.2870  
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P347=-56.9900 ;56.0000  
P348=-56.5000 ;56.2890  
P349=-56.1900 ;56.5000  
P350=-56.0000 ;56.6190  
P351=-55.5000 ;56.9350  
P352=-55.3970 ;57.0000  
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P354=-54.5830 ;57.5000  
P355=-54.5000 ;57.5600  
P356=-54.0000 ;57.8150  
P357=-53.7090 ;58.0000  
P358=-53.5000 ;58.1350  
P359=-53.0000 ;58.3730  
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P361=-52.5000 ;58.6770  
P362=-52.0000 ;58.8930  
P363=-51.8090 ;59.0000  
P364=-51.5000 ;59.1860  
P365=-51.0000 ;59.3820  
P366=-50.7630 ;59.5000  
P367=-50.5000 ;59.6590  
P368=-50.0000 ;59.8400  
P369=-49.6390 ;60.0000  
P370=-49.5000 ;60.0900  
P371=-49.0000 ;60.3040  
P372=-48.5000 ;60.4700  
P373=-48.4300 ;60.5000  
P374=-48.0000 ;60.7240  
P375=-47.5000 ;60.8740  
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P377=-47.0000 ;61.0800  
P378=-46.5000 ;61.2890  
P379=-46.0000 ;61.4100  
P380=-45.7360 ;61.5000  
P381=-45.5000 ;61.6260  
P382=-45.0000 ;61.8100  
P383=-44.5000 ;61.9220  
P384=-44.2350 ;62.0000  
P385=-44.0000 ;62.1100  
P386=-43.5000 ;62.2920  
P387=-43.0000 ;62.4110  
P388=-42.5890 ;62.5000  
P389=-42.5000 ;62.5390  
P390=-42.0000 ;62.7300  
P391=-41.5000 ;62.8630  
P392=-41.0000 ;62.9550

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P395=-40.0000 ;63.2650  
P396=-39.5000 ;63.3790  
P397=-39.0000 ;63.4630  
P398=-38.7920 ;63.5000  
P399=-38.5000 ;63.6130  
P400=-38.0000 ;63.7310  
P401=-37.5000 ;63.8450  
P402=-37.0000 ;63.9310  
P403=-36.5000 ;63.9970  
P404=-36.4820 ;64.0000  
P405=-36.0000 ;64.1610  
P406=-35.5000 ;64.2450  
P407=-35.0000 ;64.3420  
P408=-34.5000 ;64.4190  
P409=-34.0000 ;64.4800  
P410=-33.8110 ;64.5000  
P411=-33.5000 ;64.6060  
P412=-33.0000 ;64.6970  
P413=-32.5000 ;64.7600  
P414=-32.1540 ;64.8150  
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P3=-63.6090 ;57.0000  
P4=-64.0000 ;56.6540  
P5=-64.1920 ;56.5000  
P6=-64.5000 ;56.2010  
P7=-64.7610 ;56.0000  
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P9=-65.4170 ;55.5000  
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P11=-66.0000 ;55.0490  
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P14=-66.6330 ;54.5000  
P15=-67.0000 ;54.1740  
P16=-67.1840 ;54.0000  
P17=-67.5000 ;53.6990  
P18=-67.6980 ;53.5000  
P19=-68.0000 ;53.1860  
P20=-68.1720 ;53.0000  
P21=-68.5000 ;52.6230  
P22=-68.6040 ;52.5000  
P23=-69.0000 ;52.0210  
P24=-69.0170 ;52.0000  
P25=-69.4250 ;51.5000  
P26=-69.5000 ;51.4190  
P27=-69.8480 ;51.0000  
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P29=-70.2720 ;50.5000  
P30=-70.5000 ;50.2200  
P31=-70.6760 ;50.0000  
P32=-71.0000 ;49.5350

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P34=-71.3950 ;49.0000  
P35=-71.5000 ;48.8430  
P36=-71.7470 ;48.5000  
P37=-72.0000 ;48.0820  
P38=-72.0570 ;48.0000  
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P41=-72.7780 ;47.0000  
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P43=-73.0910 ;46.5000  
P44=-73.4060 ;46.0000  
P45=-73.5000 ;45.8380  
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P47=-73.9820 ;45.0000  
P48=-74.0000 ;44.9730  
P49=-74.3460 ;44.5000  
P50=-74.5000 ;44.2400  
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P52=-74.9870 ;43.5000  
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P54=-75.3040 ;43.0000  
P55=-75.5000 ;42.6780  
P56=-75.6230 ;42.5000  
P57=-75.8990 ;42.0000  
P58=-76.0000 ;41.8630  
P59=-76.2660 ;41.5000  
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P61=-76.5500 ;41.0000  
P62=-76.8960 ;40.5000  
P63=-77.0000 ;40.2780  
P64=-77.1720 ;40.0000  
P65=-77.4490 ;39.5000  
P66=-77.5000 ;39.4090  
P67=-77.7730 ;39.0000  
P68=-78.0000 ;38.5170  
P69=-78.0110 ;38.5000  
P70=-78.3660 ;38.0000  
P71=-78.5000 ;37.6630  
P72=-78.6020 ;37.5000  
P73=-78.8680 ;37.0000  
P74=-79.0000 ;36.7340  
P75=-79.1660 ;36.5000  
P76=-79.4360 ;36.0000  
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P78=-79.7260 ;35.5000  
P79=-79.9750 ;35.0000  
P80=-80.0000 ;34.9510  
P81=-80.3120 ;34.5000  
P82=-80.5000 ;34.0950  
P83=-80.5680 ;34.0000  
P84=-80.8850 ;33.5000  
P85=-81.0000 ;33.2640  
P86=-81.1850 ;33.0000  
P87=-81.4610 ;32.5000  
P88=-81.5000 ;32.4090  
P89=-81.7960 ;32.0000

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P91=-82.0120 ;31.5000  
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P93=-82.5000 ;30.6050  
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P95=-82.8850 ;30.0000  
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P99=-83.5000 ;28.8040  
P100=-83.7190 ;28.5000  
P101=-83.9710 ;28.0000  
P102=-84.0000 ;27.9480  
P103=-84.3390 ;27.5000  
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P105=-84.6020 ;27.0000  
P106=-84.9130 ;26.5000  
P107=-85.0000 ;26.3280  
P108=-85.2540 ;26.0000  
P109=-85.4910 ;25.5000  
P110=-85.5000 ;25.4830  
P111=-85.8170 ;25.0000  
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P113=-86.0750 ;24.5000  
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P115=-86.5000 ;23.7330  
P116=-86.6470 ;23.5000  
P117=-86.9170 ;23.0000  
P118=-87.0000 ;22.8760  
P119=-87.2400 ;22.5000  
P120=-87.5000 ;22.1110  
P121=-87.5800 ;22.0000  
P122=-87.8840 ;21.5000  
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P124=-88.2310 ;21.0000  
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P126=-88.5360 ;20.5000  
P127=-88.5790 ;20.0000  
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P129=-88.4330 ;20.0000  
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P143=-85.1920 ;24.0000  
P144=-85.0000 ;24.2640  
P145=-84.7990 ;24.5000  
P146=-84.5040 ;25.0000

P147=-84.5000 ;25.0050  
P148=-84.1270 ;25.5000  
P149=-84.0000 ;25.7170  
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P151=-83.5040 ;26.5000  
P152=-83.5000 ;26.5080  
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P156=-82.5810 ;28.0000  
P157=-82.5000 ;28.1990  
P158=-82.2970 ;28.5000  
P159=-82.0410 ;29.0000  
P160=-82.0000 ;29.0900  
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P162=-81.5000 ;29.9690  
P163=-81.4770 ;30.0000  
P164=-81.1240 ;30.5000  
P165=-81.0000 ;30.7960  
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P168=-80.5000 ;31.6360  
P169=-80.2290 ;32.0000  
P170=-80.0110 ;32.5000  
P171=-80.0000 ;32.5230  
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P175=-79.0730 ;34.0000  
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P180=-78.2300 ;35.5000  
P181=-78.0100 ;36.0000  
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P183=-77.6830 ;36.5000  
P184=-77.5000 ;36.8870  
P185=-77.4210 ;37.0000  
P186=-77.1440 ;37.5000  
P187=-77.0000 ;37.8730  
P188=-76.9240 ;38.0000  
P189=-76.5980 ;38.5000  
P190=-76.5000 ;38.7290  
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P202=-74.2560 ;42.5000  
P203=-74.0000 ;42.9400

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P205=-73.6500 ;43.5000  
P206=-73.5000 ;43.7310  
P207=-73.3060 ;44.0000  
P208=-73.0080 ;44.5000  
P209=-73.0000 ;44.5100  
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P212=-72.3340 ;45.5000  
P213=-72.0570 ;46.0000  
P214=-72.0000 ;46.0800  
P215=-71.7140 ;46.5000  
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P217=-71.3650 ;47.0000  
P218=-71.0560 ;47.5000  
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P221=-70.5000 ;48.2980  
P222=-70.3410 ;48.5000  
P223=-70.0120 ;49.0000  
P224=-70.0000 ;49.0170  
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P227=-69.2950 ;50.0000  
P228=-69.0000 ;50.3900  
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P231=-68.5000 ;51.0200  
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P5=-175.3841;29.2288  
P6=-174.0249;28.8873  
P7=-172.6793;28.4986  
P8=-171.3475;28.0627  
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P10=-168.7250;27.0494  
P11=-167.4345;26.4726  
P12=-166.1624;25.8601  
P13=-164.9102;25.2160  
P14=-163.6780;24.5400  
P15=-162.4681;23.8285  
P16=-161.2876;23.0702  
P17=-160.1370;22.2643  
P18=-159.0166;21.4117  
P19=-158.4734;20.9657  
P20=-157.9303;20.5196  
P21=-157.4046;20.0547  
P22=-156.8790;19.5898  
P23=-156.3710;19.1061  
P24=-155.8629;18.6225  
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P27=-154.3744;17.1326  
P28=-153.8725;16.6419  
P29=-153.3567;16.1658  
P30=-152.8408;15.6896  
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P32=-151.7813;14.7663  
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P34=-150.7058;13.8593  
P35=-150.1783;13.3942  
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P37=-149.1350;12.4511  
P38=-148.6191;11.9731  
P39=-148.1148;11.4822  
P40=-147.6105;10.9912  
P41=-147.1130;10.4929  
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P45=-145.0806;8.5503  
P46=-144.5611;8.0783  
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P56=-139.1555;3.5679  
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P62=-135.5682;1.3838  
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P65=-133.7456;0.3471  
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P232=-112.9896;-11.6493  
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P265=-133.7801;-6.5572  
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P336=-103.2855;-13.2930  
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P365=-124.7917;-12.5551  
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P368=-128.4092;-11.1520  
P369=-129.0936;-10.8366  
P370=-129.7781;-10.5212  
P371=-130.5470;-10.1485  
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P382=-131.4738;-11.6237  
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P387=-127.9801;-13.2411  
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P391=-124.1944;-14.4351  
P392=-123.4959;-14.6374  
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P394=-122.0962;-15.0152  
P395=-121.3949;-15.1908  
P396=-120.6981;-15.3333  
P397=-120.0013;-15.4758  
P398=-119.3090;-15.5851  
P399=-118.6167;-15.6944  
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P401=-115.8521;-15.9695

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P404=-112.3598;-16.0788  
P405=-111.6575;-16.0763  
P406=-110.9520;-16.0534  
P407=-110.2465;-16.0305  
P408=-109.5422;-15.9815  
P409=-108.8378;-15.9325  
P410=-108.1368;-15.8548  
P411=-107.4358;-15.7770  
P412=-106.7380;-15.6705  
P413=-106.0402;-15.5639  
P414=-105.3457;-15.4285  
P415=-104.6512;-15.2931  
P416=-103.9624;-15.1287  
P417=-103.2736;-14.9644  
P418=-102.6029;-14.7701  
P419=-101.9322;-14.5757  
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P422=-98.7227 ;-13.3447  
P423=-98.0794 ;-13.0708  
P424=-97.4139 ;-12.7808  
P425=-96.7485 ;-12.4907  
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P427=-95.3733 ;-11.8782  
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P438=-87.2273 ;-5.5605  
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P445=-90.1621 ;-5.5815  
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P447=-89.3376 ;-4.3219  
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P451=-86.0323 ;-1.3803  
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P461=-86.9403 ; 1.0712  
P462=-86.1635 ; 1.8475  
P463=-85.3868 ; 2.6237  
P464=-84.8259 ; 3.4260  
P465=-85.2916 ; 3.4522  
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P468=-87.3230 ; 2.4507  
P469=-87.9338 ; 2.1483  
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P473=-87.4001 ; 3.6347  
P474=-86.8572 ; 4.3462  
P475=-86.3142 ; 5.0577  
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P483=-87.2302 ; 6.1258  
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P486=-87.4825 ; 6.7226  
P487=-86.7055 ; 7.8139  
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P495=-85.4775 ; 11.6055  
P496=-85.9505 ; 11.5805  
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P498=-85.6362 ; 12.9179  
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P500=-84.3767 ; 15.0824  
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P504=-82.5870 ; 17.5833  
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P506=-81.7462 ; 18.7877  
P507=-81.3631 ; 19.3615  
P508=-80.9800 ; 19.9352  
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P510=-79.5060 ; 22.1839  
P511=-79.1159 ; 22.7617  
P512=-78.7257 ; 23.3396  
P513=-78.3211 ; 23.9279  
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P516=-77.1029 ;25.6902  
P517=-76.7006 ;26.2698  
P518=-76.2983 ;26.8494  
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P520=-74.7132 ;29.1340  
P521=-73.9265 ;30.2853  
P522=-73.1423 ;31.4478  
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P524=-71.5604 ;33.7776  
P525=-70.7446 ;34.9204  
P526=-69.9114 ;36.0473  
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P529=-67.2596 ;39.3098  
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P531=-65.3560 ;41.3840  
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P533=-63.4102 ;43.4186  
P534=-62.4254 ;44.4235  
P535=-61.4328 ;45.4201  
P536=-60.4160 ;46.3892  
P537=-59.3633 ;47.3166  
P538=-58.2746 ;48.2023  
P539=-57.1500 ;49.0463  
P540=-55.9937 ;49.8511  
P541=-54.8181 ;50.6236  
P542=-53.6237 ;51.3641  
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P545=-49.9290 ;53.3940  
P546=-48.6639 ;54.0074  
P547=-47.3848 ;54.5895  
P548=-46.0917 ;55.1405  
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P550=-43.4635 ;56.1488  
P551=-42.1327 ;56.6088  
P552=-40.7948 ;57.0418  
P553=-39.4499 ;57.4480  
P554=-38.0979 ;57.8272  
P555=-36.7389 ;58.1795  
P556=-35.3729 ;58.5049  
P557=-33.9998 ;58.8033  
P558=-32.6196 ;59.0748  
P559=-31.2325 ;59.3195  
P560=-29.8383 ;59.5372  
P561=-28.4370 ;59.7279  
P562=-28.4382 ;59.7277  
[C11]  
gain=-30.00  
n\_point=90  
P1=-121.5000;38.0110  
P2=-121.5090;38.0000  
P3=-121.5140;37.7500  
P4=-121.5190;37.5000  
P5=-121.5000;37.4580  
P6=-121.4230;37.2290  
P7=-121.3460;37.0000

P8=-121.2480;36.7500  
P9=-121.1500;36.5000  
P10=-121.0000;36.2610  
P11=-120.8860;36.0000  
P12=-120.7480;35.7500  
P13=-120.6100;35.5000  
P14=-120.5000;35.3530  
P15=-120.4065;35.1765  
P16=-120.3130;35.0000  
P17=-120.1565;34.8055  
P18=-120.0000;34.6110  
P19=-119.9320;34.5000  
P20=-119.7973;34.3333  
P21=-119.6627;34.1667  
P22=-119.5280;34.0000  
P23=-119.5000;33.9670  
P24=-119.3395;33.7335  
P25=-119.1790;33.5000  
P26=-119.0000;33.2900  
P27=-118.9000;33.1450  
P28=-118.8000;33.0000  
P29=-118.6500;32.8225  
P30=-118.5000;32.6450  
P31=-118.3940;32.5000  
P32=-118.2627;32.3370  
P33=-118.1313;32.1740  
P34=-118.0000;32.0110  
P35=-117.9910;32.0000  
P36=-117.8255;31.7500  
P37=-117.6600;31.5000  
P38=-117.5000;31.2650  
P39=-117.3605;31.1325  
P40=-117.2210;31.0000  
P41=-117.1105;30.8405  
P42=-117.0000;30.6810  
P43=-116.7500;30.6435  
P44=-116.5000;30.6060  
P45=-116.3315;30.8030  
P46=-116.1630;31.0000  
P47=-116.1480;31.2500  
P48=-116.1330;31.5000  
P49=-116.2205;31.7500  
P50=-116.3080;32.0000  
P51=-116.4040;32.1525  
P52=-116.5000;32.3050  
P53=-116.5850;32.5000  
P54=-116.7380;32.7500  
P55=-116.8910;33.0000  
P56=-117.0000;33.1870  
P57=-117.0820;33.3435  
P58=-117.1640;33.5000  
P59=-117.2885;33.7500  
P60=-117.4130;34.0000  
P61=-117.4130;34.2500  
P62=-117.4130;34.5000  
P63=-117.3190;34.7500  
P64=-117.2250;35.0000

P65=-117.2270;35.2500  
P66=-117.2290;35.5000  
P67=-117.3645;35.6650  
P68=-117.5000;35.8300  
P69=-117.7400;36.0000  
P70=-117.8700;36.1305  
P71=-118.0000;36.2610  
P72=-118.2500;36.2495  
P73=-118.5000;36.2380  
P74=-118.7500;36.1245  
P75=-119.0000;36.0110  
P76=-119.2500;36.1845  
P77=-119.5000;36.3580  
P78=-119.6580;36.5000  
P79=-119.8290;36.6545  
P80=-120.0000;36.8090  
P81=-120.2060;37.0000  
P82=-120.3530;37.1490  
P83=-120.5000;37.2980  
P84=-120.6380;37.3990  
P85=-120.7760;37.5000  
P86=-120.8880;37.6200  
P87=-121.0000;37.7400  
P88=-121.2455;37.8700  
P89=-121.4910;38.0000  
P90=-121.5000;38.0110

[C12]

gain=-40.00

n\_point=72

P1=-119.0000;34.7300  
P2=-119.0333;34.6533  
P3=-119.0667;34.5767  
P4=-119.1000;34.5000  
P5=-119.0500;34.4350  
P6=-119.0000;34.3700  
P7=-118.9612;34.2960  
P8=-118.9224;34.2220  
P9=-118.8836;34.1480  
P10=-118.8448;34.0740  
P11=-118.8060;34.0000  
P12=-118.7550;33.9345  
P13=-118.7040;33.8690  
P14=-118.6530;33.8035  
P15=-118.6020;33.7380  
P16=-118.5510;33.6725  
P17=-118.5000;33.6070  
P18=-118.4460;33.5535  
P19=-118.3920;33.5000  
P20=-118.3492;33.4167  
P21=-118.3063;33.3333  
P22=-118.2635;33.2500  
P23=-118.2207;33.1667  
P24=-118.1778;33.0833  
P25=-118.1350;33.0000  
P26=-118.0900;32.9500  
P27=-118.0450;32.9000  
P28=-118.0000;32.8500

P29=-117.9303;32.7917  
P30=-117.8607;32.7333  
P31=-117.7910;32.6750  
P32=-117.7213;32.6167  
P33=-117.6517;32.5583  
P34=-117.5820;32.5000  
P35=-117.5410;32.4550  
P36=-117.5000;32.4100  
P37=-117.4385;32.4550  
P38=-117.3770;32.5000  
P39=-117.3853;32.5833  
P40=-117.3937;32.6667  
P41=-117.4020;32.7500  
P42=-117.4103;32.8333  
P43=-117.4187;32.9167  
P44=-117.4270;33.0000  
P45=-117.4635;33.0485  
P46=-117.5000;33.0970  
P47=-117.5470;33.1776  
P48=-117.5940;33.2582  
P49=-117.6410;33.3388  
P50=-117.6880;33.4194  
P51=-117.7350;33.5000  
P52=-117.7880;33.5650  
P53=-117.8410;33.6300  
P54=-117.8940;33.6950  
P55=-117.9470;33.7600  
P56=-118.0000;33.8250  
P57=-118.0577;33.8833  
P58=-118.1153;33.9417  
P59=-118.1730;34.0000  
P60=-118.2275;34.0662  
P61=-118.2820;34.1323  
P62=-118.3365;34.1985  
P63=-118.3910;34.2647  
P64=-118.4455;34.3308  
P65=-118.5000;34.3970  
P66=-118.5900;34.4313  
P67=-118.6800;34.4657  
P68=-118.7700;34.5000  
P69=-118.8275;34.5575  
P70=-118.8850;34.6150  
P71=-118.9425;34.6725  
P72=-119.0000;34.7300  
[C13]  
gain=-30.00  
n\_point=74  
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P2=-109.6000;30.0757  
P3=-109.7000;30.0505  
P4=-109.8000;30.0253  
P5=-109.9000;30.0000  
P6=-109.8954;29.9000  
P7=-109.8908;29.8000  
P8=-109.8862;29.7000  
P9=-109.8816;29.6000  
P10=-109.8770;29.5000

P11=-109.7828;29.4662  
P12=-109.6885;29.4325  
P13=-109.5943;29.3988  
P14=-109.5000;29.3650  
P15=-109.3750;29.3363  
P16=-109.2500;29.3075  
P17=-109.1250;29.2788  
P18=-109.0000;29.2500  
P19=-108.8750;29.2458  
P20=-108.7500;29.2415  
P21=-108.6250;29.2373  
P22=-108.5000;29.2330  
P23=-108.3750;29.2590  
P24=-108.2500;29.2850  
P25=-108.1250;29.3110  
P26=-108.0000;29.3370  
P27=-107.8867;29.3778  
P28=-107.7735;29.4185  
P29=-107.6602;29.4593  
P30=-107.5470;29.5000  
P31=-107.5000;29.5180  
P32=-107.4000;29.5564  
P33=-107.3000;29.5948  
P34=-107.2000;29.6332  
P35=-107.1000;29.6716  
P36=-107.0000;29.7100  
P37=-106.9094;29.7680  
P38=-106.8188;29.8260  
P39=-106.7282;29.8840  
P40=-106.6376;29.9420  
P41=-106.5470;30.0000  
P42=-106.5235;30.0710  
P43=-106.5000;30.1420  
P44=-106.4417;30.2315  
P45=-106.3835;30.3210  
P46=-106.3252;30.4105  
P47=-106.2670;30.5000  
P48=-106.3835;30.5485  
P49=-106.5000;30.5970  
P50=-106.6250;30.5880  
P51=-106.7500;30.5790  
P52=-106.8750;30.5700  
P53=-107.0000;30.5610  
P54=-107.0855;30.5305  
P55=-107.1710;30.5000  
P56=-107.2807;30.4680  
P57=-107.3903;30.4360  
P58=-107.5000;30.4040  
P59=-107.6250;30.3828  
P60=-107.7500;30.3615  
P61=-107.8750;30.3403  
P62=-108.0000;30.3190  
P63=-108.1250;30.3063  
P64=-108.2500;30.2935  
P65=-108.3750;30.2807  
P66=-108.5000;30.2680  
P67=-108.6250;30.2535

P68=-108.7500;30.2390  
P69=-108.8750;30.2245  
P70=-109.0000;30.2100  
P71=-109.1250;30.1827  
P72=-109.2500;30.1555  
P73=-109.3750;30.1282  
P74=-109.5000;30.1010  
[C14]  
gain=-2.00  
n\_point=89  
P1=-116.5000;42.2080  
P2=-116.3333;42.2867  
P3=-116.1667;42.3653  
P4=-116.0000;42.4440  
P5=-115.7500;42.4340  
P6=-115.5000;42.4240  
P7=-115.2500;42.3580  
P8=-115.0000;42.2920  
P9=-114.7500;42.1950  
P10=-114.5000;42.0980  
P11=-114.2870;42.0000  
P12=-114.1435;41.9145  
P13=-114.0000;41.8290  
P14=-113.8533;41.7193  
P15=-113.7067;41.6097  
P16=-113.5600;41.5000  
P17=-113.5000;41.4350  
P18=-113.3917;41.2900  
P19=-113.2833;41.1450  
P20=-113.1750;41.0000  
P21=-113.0875;40.8165  
P22=-113.0000;40.6330  
P23=-112.9450;40.5000  
P24=-112.8833;40.3333  
P25=-112.8217;40.1667  
P26=-112.7600;40.0000  
P27=-112.7027;39.8333  
P28=-112.6453;39.6667  
P29=-112.5880;39.5000  
P30=-112.5440;39.3730  
P31=-112.5000;39.2460  
P32=-112.4465;39.1230  
P33=-112.3930;39.0000  
P34=-112.3290;38.8333  
P35=-112.2650;38.6667  
P36=-112.2010;38.5000  
P37=-112.1743;38.3333  
P38=-112.1477;38.1667  
P39=-112.1210;38.0000  
P40=-112.2473;37.8417  
P41=-112.3737;37.6833  
P42=-112.5000;37.5250  
P43=-112.5210;37.5000  
P44=-112.6807;37.4230  
P45=-112.8403;37.3460  
P46=-113.0000;37.2690  
P47=-113.2500;37.2035

P48=-113.5000;37.1380  
P49=-113.7500;37.1495  
P50=-114.0000;37.1610  
P51=-114.1667;37.2183  
P52=-114.3333;37.2757  
P53=-114.5000;37.3330  
P54=-114.6400;37.4165  
P55=-114.7800;37.5000  
P56=-114.8900;37.5725  
P57=-115.0000;37.6450  
P58=-115.1320;37.7633  
P59=-115.2640;37.8817  
P60=-115.3960;38.0000  
P61=-115.5000;38.1020  
P62=-115.6077;38.2347  
P63=-115.7153;38.3673  
P64=-115.8230;38.5000  
P65=-115.9115;38.6165  
P66=-116.0000;38.7330  
P67=-116.0845;38.8665  
P68=-116.1690;39.0000  
P69=-116.2667;39.1667  
P70=-116.3643;39.3333  
P71=-116.4620;39.5000  
P72=-116.5000;39.5830  
P73=-116.5550;39.7220  
P74=-116.6100;39.8610  
P75=-116.6650;40.0000  
P76=-116.7117;40.1667  
P77=-116.7583;40.3333  
P78=-116.8050;40.5000  
P79=-116.8307;40.6667  
P80=-116.8563;40.8333  
P81=-116.8820;41.0000  
P82=-116.8777;41.1667  
P83=-116.8733;41.3333  
P84=-116.8690;41.5000  
P85=-116.8013;41.6667  
P86=-116.7337;41.8333  
P87=-116.6660;42.0000  
P88=-116.5830;42.1040  
P89=-116.5000;42.2080  
[C15]  
gain=-2.00  
n\_point=78  
P1=-110.0000;43.0600  
P2=-109.8333;43.1430  
P3=-109.6667;43.2260  
P4=-109.5000;43.3090  
P5=-109.3333;43.3397  
P6=-109.1667;43.3703  
P7=-109.0000;43.4010  
P8=-108.8333;43.3637  
P9=-108.6667;43.3263  
P10=-108.5000;43.2890  
P11=-108.3630;43.1927  
P12=-108.2260;43.0963

P13=-108.0890;43.0000  
P14=-108.0000;42.9060  
P15=-107.9300;42.7707  
P16=-107.8600;42.6353  
P17=-107.7900;42.5000  
P18=-107.7572;42.3750  
P19=-107.7245;42.2500  
P20=-107.6917;42.1250  
P21=-107.6590;42.0000  
P22=-107.6570;41.8750  
P23=-107.6550;41.7500  
P24=-107.6530;41.6250  
P25=-107.6510;41.5000  
P26=-107.6785;41.3750  
P27=-107.7060;41.2500  
P28=-107.7335;41.1250  
P29=-107.7610;41.0000  
P30=-107.8108;40.8750  
P31=-107.8605;40.7500  
P32=-107.9102;40.6250  
P33=-107.9600;40.5000  
P34=-108.0000;40.4140  
P35=-108.0925;40.3105  
P36=-108.1850;40.2070  
P37=-108.2775;40.1035  
P38=-108.3700;40.0000  
P39=-108.4350;39.8905  
P40=-108.5000;39.7810  
P41=-108.6450;39.6873  
P42=-108.7900;39.5937  
P43=-108.9350;39.5000  
P44=-108.9675;39.3895  
P45=-109.0000;39.2790  
P46=-109.0330;39.3895  
P47=-109.0660;39.5000  
P48=-109.1382;39.6250  
P49=-109.2105;39.7500  
P50=-109.2828;39.8750  
P51=-109.3550;40.0000  
P52=-109.4275;40.0820  
P53=-109.5000;40.1640  
P54=-109.5513;40.2760  
P55=-109.6027;40.3880  
P56=-109.6540;40.5000  
P57=-109.7292;40.6250  
P58=-109.8045;40.7500  
P59=-109.8798;40.8750  
P60=-109.9550;41.0000  
P61=-110.0000;41.0750  
P62=-110.0640;41.1812  
P63=-110.1280;41.2875  
P64=-110.1920;41.3937  
P65=-110.2560;41.5000  
P66=-110.3090;41.6250  
P67=-110.3620;41.7500  
P68=-110.4150;41.8750  
P69=-110.4680;42.0000

P70=-110.4668;42.1250  
P71=-110.4655;42.2500  
P72=-110.4643;42.3750  
P73=-110.4630;42.5000  
P74=-110.3717;42.6250  
P75=-110.2805;42.7500  
P76=-110.1892;42.8750  
P77=-110.0980;43.0000  
P78=-110.0000;43.0600  
[C16]  
gain=-2.00  
n\_point=73  
P1=-110.5000;38.1650  
P2=-110.4338;38.2208  
P3=-110.3677;38.2767  
P4=-110.3015;38.3325  
P5=-110.2353;38.3883  
P6=-110.1692;38.4442  
P7=-110.1030;38.5000  
P8=-110.0515;38.5380  
P9=-110.0000;38.5760  
P10=-109.9286;38.6187  
P11=-109.8571;38.6614  
P12=-109.7857;38.7041  
P13=-109.7143;38.7469  
P14=-109.6429;38.7896  
P15=-109.5714;38.8323  
P16=-109.5000;38.8750  
P17=-109.4167;38.8348  
P18=-109.3333;38.7947  
P19=-109.2500;38.7545  
P20=-109.1667;38.7143  
P21=-109.0833;38.6742  
P22=-109.0000;38.6340  
P23=-108.9940;38.5670  
P24=-108.9880;38.5000  
P25=-108.9876;38.4286  
P26=-108.9871;38.3571  
P27=-108.9867;38.2857  
P28=-108.9863;38.2143  
P29=-108.9859;38.1429  
P30=-108.9854;38.0714  
P31=-108.9850;38.0000  
P32=-109.0000;37.9370  
P33=-109.0280;37.8642  
P34=-109.0560;37.7913  
P35=-109.0840;37.7185  
P36=-109.1120;37.6457  
P37=-109.1400;37.5728  
P38=-109.1680;37.5000  
P39=-109.2233;37.4395  
P40=-109.2787;37.3790  
P41=-109.3340;37.3185  
P42=-109.3893;37.2580  
P43=-109.4447;37.1975  
P44=-109.5000;37.1370  
P45=-109.5906;37.1096

P46=-109.6812;37.0822  
P47=-109.7718;37.0548  
P48=-109.8624;37.0274  
P49=-109.9530;37.0000  
P50=-110.0000;36.9930  
P51=-110.0380;37.0000  
P52=-110.1150;37.0372  
P53=-110.1920;37.0743  
P54=-110.2690;37.1115  
P55=-110.3460;37.1487  
P56=-110.4230;37.1858  
P57=-110.5000;37.2230  
P58=-110.5624;37.2784  
P59=-110.6248;37.3338  
P60=-110.6872;37.3892  
P61=-110.7496;37.4446  
P62=-110.8120;37.5000  
P63=-110.7983;37.5714  
P64=-110.7846;37.6429  
P65=-110.7709;37.7143  
P66=-110.7571;37.7857  
P67=-110.7434;37.8571  
P68=-110.7297;37.9286  
P69=-110.7160;38.0000  
P70=-110.6620;38.0413  
P71=-110.6080;38.0825  
P72=-110.5540;38.1237  
P73=-110.5000;38.1650

[C17]

gain=-4.00

n\_point=115

P1=-117.5000;42.9760  
P2=-117.4850;43.0000  
P3=-117.2425;43.2230  
P4=-117.0000;43.4460  
P5=-116.8520;43.5000  
P6=-116.5000;43.5980  
P7=-116.0000;43.6020  
P8=-115.5000;43.5270  
P9=-115.3680;43.5000  
P10=-115.0000;43.4120  
P11=-114.5000;43.3160  
P12=-114.0000;43.2840  
P13=-113.5000;43.3590  
P14=-113.1250;43.5000  
P15=-113.0000;43.5430  
P16=-112.7500;43.6355  
P17=-112.5000;43.7280  
P18=-112.0000;43.8790  
P19=-111.5000;43.9960  
P20=-111.4830;44.0000  
P21=-111.0000;44.0770  
P22=-110.5000;44.1750  
P23=-110.0000;44.2900  
P24=-109.5000;44.3850  
P25=-109.0000;44.4160  
P26=-108.5000;44.3420

P27=-108.2500;44.2335  
P28=-108.0000;44.1250  
P29=-107.8380;44.0000  
P30=-107.6690;43.8390  
P31=-107.5000;43.6780  
P32=-107.3740;43.5000  
P33=-107.2395;43.2500  
P34=-107.1050;43.0000  
P35=-107.0000;42.7240  
P36=-106.9400;42.5000  
P37=-106.9065;42.2500  
P38=-106.8730;42.0000  
P39=-106.8695;41.7500  
P40=-106.8660;41.5000  
P41=-106.8930;41.2500  
P42=-106.9200;41.0000  
P43=-106.9600;40.7945  
P44=-107.0000;40.5890  
P45=-107.0240;40.5000  
P46=-107.1065;40.2500  
P47=-107.1890;40.0000  
P48=-107.2725;39.7500  
P49=-107.3560;39.5000  
P50=-107.4280;39.2500  
P51=-107.5000;39.0000  
P52=-107.5785;38.7500  
P53=-107.6570;38.5000  
P54=-107.7190;38.2500  
P55=-107.7810;38.0000  
P56=-107.8495;37.7500  
P57=-107.9180;37.5000  
P58=-108.0000;37.2910  
P59=-108.1480;37.0000  
P60=-108.3170;36.7500  
P61=-108.4860;36.5000  
P62=-108.5000;36.4850  
P63=-108.7500;36.3005  
P64=-109.0000;36.1160  
P65=-109.2710;36.0000  
P66=-109.5000;35.9290  
P67=-109.7500;35.9025  
P68=-110.0000;35.8760  
P69=-110.2500;35.8970  
P70=-110.5000;35.9180  
P71=-110.9500;36.0000  
P72=-111.0000;36.0130  
P73=-111.2500;36.0790  
P74=-111.5000;36.1450  
P75=-111.7500;36.1795  
P76=-112.0000;36.2140  
P77=-112.2500;36.2140  
P78=-112.5000;36.2140  
P79=-112.7500;36.2005  
P80=-113.0000;36.1870  
P81=-113.2500;36.1930  
P82=-113.5000;36.1990  
P83=-113.7500;36.2455

P84=-114.0000;36.2920  
P85=-114.2500;36.3855  
P86=-114.5000;36.4790  
P87=-114.5350;36.5000  
P88=-114.7675;36.6490  
P89=-115.0000;36.7980  
P90=-115.2450;37.0000  
P91=-115.5000;37.2230  
P92=-115.7630;37.5000  
P93=-116.0000;37.7610  
P94=-116.1870;38.0000  
P95=-116.3435;38.2070  
P96=-116.5000;38.4140  
P97=-116.5580;38.5000  
P98=-116.7120;38.7500  
P99=-116.8660;39.0000  
P100=-117.0000;39.2320  
P101=-117.1390;39.5000  
P102=-117.2565;39.7500  
P103=-117.3740;40.0000  
P104=-117.5000;40.3200  
P105=-117.5650;40.5000  
P106=-117.6250;40.7500  
P107=-117.6850;41.0000  
P108=-117.7220;41.2500  
P109=-117.7590;41.5000  
P110=-117.7655;41.7500  
P111=-117.7720;42.0000  
P112=-117.7275;42.2500  
P113=-117.6830;42.5000  
P114=-117.5915;42.7380  
P115=-117.5000;42.9760  
[C18]  
gain=-6.00  
n\_point=121  
P1=-118.0000;43.8230  
P2=-117.8360;44.0000  
P3=-117.5000;44.2780  
P4=-117.0000;44.4760  
P5=-116.6290;44.5000  
P6=-116.5000;44.5070  
P7=-116.4430;44.5000  
P8=-116.0000;44.4450  
P9=-115.5000;44.3440  
P10=-115.0000;44.2560  
P11=-114.5000;44.2280  
P12=-114.0000;44.2960  
P13=-113.5000;44.4620  
P14=-113.4010;44.5000  
P15=-113.0000;44.6290  
P16=-112.5000;44.7480  
P17=-112.0000;44.8100  
P18=-111.5000;44.8340  
P19=-111.0000;44.8600  
P20=-110.5000;44.9140  
P21=-110.0000;44.9900  
P22=-109.9310;45.0000

P23=-109.5000;45.0490  
P24=-109.0000;45.0700  
P25=-108.5000;45.0140  
P26=-108.4550;45.0000  
P27=-108.0000;44.8250  
P28=-107.7500;44.6630  
P29=-107.5000;44.5010  
P30=-107.4990;44.5000  
P31=-107.2795;44.2500  
P32=-107.0600;44.0000  
P33=-107.0000;43.9170  
P34=-106.7790;43.5000  
P35=-106.6750;43.2500  
P36=-106.5710;43.0000  
P37=-106.5000;42.7590  
P38=-106.4430;42.5000  
P39=-106.4120;42.2500  
P40=-106.3810;42.0000  
P41=-106.3750;41.7500  
P42=-106.3690;41.5000  
P43=-106.3890;41.2500  
P44=-106.4090;41.0000  
P45=-106.4490;40.7500  
P46=-106.4890;40.5000  
P47=-106.5000;40.4500  
P48=-106.5610;40.2250  
P49=-106.6220;40.0000  
P50=-106.6920;39.7500  
P51=-106.7620;39.5000  
P52=-106.8255;39.2500  
P53=-106.8890;39.0000  
P54=-106.9445;38.7630  
P55=-107.0000;38.5260  
P56=-107.0080;38.5000  
P57=-107.0785;38.2500  
P58=-107.1490;38.0000  
P59=-107.2220;37.7500  
P60=-107.2950;37.5000  
P61=-107.3830;37.2500  
P62=-107.4710;37.0000  
P63=-107.5000;36.9400  
P64=-107.6280;36.7200  
P65=-107.7560;36.5000  
P66=-108.0000;36.1940  
P67=-108.1880;36.0000  
P68=-108.5000;35.7560  
P69=-108.7280;35.6280  
P70=-108.9560;35.5000  
P71=-109.0000;35.4810  
P72=-109.5000;35.3500  
P73=-110.0000;35.3050  
P74=-110.5000;35.3310  
P75=-111.0000;35.3960  
P76=-111.5000;35.4640  
P77=-111.9650;35.5000  
P78=-112.0000;35.5040  
P79=-112.5000;35.5060

P80=-112.7660;35.5000  
P81=-113.0000;35.4950  
P82=-113.0770;35.5000  
P83=-113.5000;35.5280  
P84=-114.0000;35.6420  
P85=-114.2500;35.7510  
P86=-114.5000;35.8600  
P87=-114.7200;36.0000  
P88=-115.0000;36.1840  
P89=-115.3820;36.5000  
P90=-115.5000;36.6000  
P91=-115.6980;36.8000  
P92=-115.8960;37.0000  
P93=-116.0000;37.1080  
P94=-116.1650;37.3040  
P95=-116.3300;37.5000  
P96=-116.5000;37.7080  
P97=-116.7150;38.0000  
P98=-116.8575;38.1955  
P99=-117.0000;38.3910  
P100=-117.0740;38.5000  
P101=-117.2305;38.7500  
P102=-117.3870;39.0000  
P103=-117.5000;39.1960  
P104=-117.6630;39.5000  
P105=-117.7870;39.7500  
P106=-117.9110;40.0000  
P107=-118.0000;40.2090  
P108=-118.1170;40.5000  
P109=-118.1970;40.7500  
P110=-118.2770;41.0000  
P111=-118.3335;41.2500  
P112=-118.3900;41.5000  
P113=-118.4235;41.7500  
P114=-118.4570;42.0000  
P115=-118.4570;42.2500  
P116=-118.4570;42.5000  
P117=-118.4135;42.7500  
P118=-118.3700;43.0000  
P119=-118.2830;43.2500  
P120=-118.1960;43.5000  
P121=-118.0000;43.8230  
[C19]  
gain=-8.00  
n\_point=70  
P1=-114.1280;35.1870  
P2=-114.6340;35.4377  
P3=-115.1148;35.7331  
P4=-115.5539;36.0874  
P5=-115.9563;36.4843  
P6=-116.3539;36.8846  
P7=-116.7127;37.3209  
P8=-117.0523;37.7717  
P9=-117.3748;38.2346  
P10=-117.6716;38.7162  
P11=-117.9447;39.2093  
P12=-118.1875;39.7197

P13=-118.3979;40.2433  
P14=-118.5667;40.7823  
P15=-118.6852;41.3341  
P16=-118.7526;41.8950  
P17=-118.7437;42.4584  
P18=-118.6508;43.0163  
P19=-118.4830;43.5539  
P20=-118.2224;44.0557  
P21=-117.8158;44.4447  
P22=-117.3269;44.7347  
P23=-116.7935;44.9132  
P24=-116.2279;44.9058  
P25=-115.6520;44.7926  
P26=-115.0999;44.7078  
P27=-114.5526;44.6718  
P28=-113.9777;44.7165  
P29=-113.4286;44.8701  
P30=-112.9205;45.1025  
P31=-112.3805;45.2770  
P32=-111.8268;45.3883  
P33=-111.2666;45.4550  
P34=-110.7030;45.4886  
P35=-110.1387;45.5172  
P36=-109.5743;45.5412  
P37=-109.0099;45.5185  
P38=-108.4500;45.4352  
P39=-107.9112;45.2647  
P40=-107.4138;44.9969  
P41=-106.9880;44.6244  
P42=-106.6176;44.1969  
P43=-106.3211;43.7183  
P44=-106.1051;43.1946  
P45=-105.9486;42.6528  
P46=-105.8589;42.0953  
P47=-105.8378;41.5309  
P48=-105.8851;40.9685  
P49=-105.9829;40.4122  
P50=-106.1232;39.8654  
P51=-106.2683;39.3197  
P52=-106.4089;38.7727  
P53=-106.5181;38.2189  
P54=-106.6330;37.6660  
P55=-106.7878;37.1235  
P56=-107.0067;36.6080  
P57=-107.2916;36.1182  
P58=-107.6555;35.6921  
P59=-108.1070;35.3464  
P60=-108.5734;35.0342  
P61=-109.1001;34.8274  
P62=-109.6526;34.7003  
P63=-110.2132;34.6614  
P64=-110.7765;34.7203  
P65=-111.3344;34.8138  
P66=-111.8907;34.9040  
P67=-112.4538;34.9482  
P68=-113.0166;34.9944  
P69=-113.5763;35.0659

P70=-114.1280;35.1870  
[C20]  
gain=-15.00  
n\_point=68  
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P2=-114.4596;33.7914  
P3=-115.0095;34.2225  
P4=-115.5029;34.7187  
P5=-116.0024;35.2084  
P6=-116.4594;35.7383  
P7=-116.9223;36.2629  
P8=-117.3667;36.8033  
P9=-117.7929;37.3583  
P10=-118.1869;37.9364  
P11=-118.5575;38.5298  
P12=-118.9187;39.1291  
P13=-119.2399;39.7506  
P14=-119.5183;40.3924  
P15=-119.7472;41.0535  
P16=-119.9187;41.7318  
P17=-119.9959;42.4264  
P18=-120.0026;43.1261  
P19=-119.9213;43.8220  
P20=-119.7155;44.4878  
P21=-119.3694;45.0990  
P22=-118.9541;45.6534  
P23=-118.4216;46.1232  
P24=-117.8571;46.5100  
P25=-117.1419;46.6717  
P26=-116.4776;46.6283  
P27=-115.7959;46.4793  
P28=-115.0717;46.3203  
P29=-114.4003;46.4488  
P30=-113.7644;46.7468  
P31=-113.1193;47.0001  
P32=-112.4613;47.2674  
P33=-111.7810;47.1784  
P34=-111.1078;46.9880  
P35=-110.4203;46.8560  
P36=-109.7278;46.7567  
P37=-109.0306;46.6830  
P38=-108.3419;46.5728  
P39=-107.6842;46.3297  
P40=-107.0691;45.9924  
P41=-106.5639;45.5104  
P42=-106.1046;44.9838  
P43=-105.7088;44.4072  
P44=-105.3994;43.7786  
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P46=-104.9869;42.4455  
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P48=-104.8765;41.0538  
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P50=-104.9908;39.6599  
P51=-105.0777;38.9656  
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P53=-105.2269;37.5742

P54=-105.3379;36.8840  
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P56=-106.1117;35.7376  
P57=-106.6449;35.2845  
P58=-107.2140;34.8779  
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P61=-109.0697;33.8970  
P62=-109.7331;33.6707  
P63=-110.4205;33.5507  
P64=-111.1191;33.4957  
P65=-111.8125;33.4084  
P66=-112.4928;33.2383  
P67=-113.1898;33.2453  
P68=-113.8685;33.4165  
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P3=-166.9246;66.6806  
P4=-165.4320;66.4976  
P5=-163.9504;66.2486  
P6=-162.4799;65.9335  
P7=-161.0204;65.5525  
P8=-159.5720;65.1056  
P9=-158.1333;64.6043  
P10=-156.6869;64.1999  
P11=-155.2273;63.9387  
P12=-153.7547;63.8200  
P13=-152.2700;63.7986  
P14=-150.7737;63.8477  
P15=-149.2660;63.9675  
P16=-147.7467;64.1579  
P17=-146.2735;64.1801  
P18=-144.9149;63.7507  
P19=-143.6710;62.8690  
P20=-142.5116;61.7699  
P21=-141.4000;60.7380  
P22=-140.3343;59.7459  
P23=-139.3063;58.6722  
P24=-138.3185;57.5054  
P25=-137.4178;56.2826  
P26=-136.6192;55.0159  
P27=-135.7142;53.8358  
P28=-134.5057;52.8663  
P29=-133.2328;52.5455  
P30=-132.8823;53.2855  
P31=-132.5318;54.0256  
P32=-131.6783;55.0839  
P33=-130.4780;54.6102  
P34=-129.8320;53.4492  
P35=-129.7443;52.6271  
P36=-129.6566;51.8050  
P37=-129.4109;51.0571  
P38=-129.1652;50.3093  
P39=-128.9585;49.6459

P40=-128.7517;48.9825  
P41=-128.7503;47.6420  
P42=-128.9948;46.8083  
P43=-129.2392;45.9745  
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P45=-130.1732;44.7261  
P46=-131.4876;44.8449  
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P48=-133.0000;44.5377  
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P50=-134.0020;42.5557  
P51=-135.4535;42.9255  
P52=-136.1782;42.8702  
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P56=-134.3256;39.6493  
P57=-134.1931;38.5849  
P58=-134.9196;38.4250  
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P60=-136.8490;39.9534  
P61=-137.6016;40.7161  
P62=-138.3435;40.9949  
P63=-138.1362;39.8246  
P64=-137.7813;39.1600  
P65=-137.4265;38.4953  
P66=-136.9389;37.8633  
P67=-136.4513;37.2313  
P68=-135.9209;36.6855  
P69=-135.3904;36.1397  
P70=-134.9458;35.5611  
P71=-134.5013;34.9826  
P72=-134.4080;34.2451  
P73=-134.3148;33.5075  
P74=-135.1728;33.4142  
P75=-135.8747;33.9616  
P76=-136.5766;34.5089  
P77=-137.3619;35.5259  
P78=-137.9142;36.1551  
P79=-138.4666;36.7844  
P80=-139.1160;37.3653  
P81=-139.7655;37.9462  
P82=-140.3410;37.8587  
P83=-140.0149;36.8616  
P84=-139.4418;36.2222  
P85=-138.8687;35.5829  
P86=-138.3945;34.9701  
P87=-137.9202;34.3572  
P88=-137.0402;33.2454  
P89=-136.4759;32.7631  
P90=-135.9115;32.2808  
P91=-135.2750;31.8390  
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P93=-134.0541;30.9176  
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P96=-132.4099;29.3974

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P101=-129.9799;26.5170  
P102=-129.5012;25.9321  
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P104=-128.5065;24.8212  
P105=-127.9911;24.2817  
P106=-127.4756;23.7421  
P107=-126.9426;23.1968  
P108=-126.4096;22.6514  
P109=-125.8599;22.1116  
P110=-125.3101;21.5718  
P111=-124.7477;21.1001  
P112=-124.1853;20.6285  
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P114=-123.0268;19.8184  
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P116=-121.6999;18.8353  
P117=-121.1826;18.3282  
P118=-120.6652;17.8212  
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P143=-131.1127;23.7674  
P144=-130.1673;22.7698  
P145=-129.6767;22.2172  
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P148=-128.1593;20.4987  
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P150=-127.0566;19.4509  
P151=-126.4662;18.9932  
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P189=-102.0325;11.5038  
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