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format_ver=1

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long_nom=-111.100
n_diag=1

[COHeader]
beam_id=KSD1
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-122.170;47.053

[C1]
gain=-2.00
n_point=51
p1=-121.711;43.744
p2=-122.065;43.809
p3=-122.402;43.915
p4=-122.753;44.075
p5=-123.107;44.287
p6=-123.457;44.544
p7=-123.806;44.864
p8=-124.124;45.215
p9=-124.392;45.557
p10=-124.632;45.928
p11=-124.840;46.310
p12=-125.026;46.731
p13=-125.174;47.167
p14=-125.281;47.598
p15=-125.334;47.995
p16=-125.356;48.419
p17=-125.320;48.797
p18=-125.241;49.185
p19=-125.117;49.527
p20=-124.917;49.881
p21=-124.682;50.164
p22=-124.401;50.398
p23=-124.107;50.558
p24=-123.772;50.669
p25=-123.393;50.731
p26=-122.982;50.725
p27=-122.571;50.662
p28=-122.143;50.531
p29=-121.732;50.355
p30=-121.354;50.137
p31=-120.957;49.843
p32=-120.572;49.503
p33=-120.214;49.117

p34=-119.920;48.707
p35=-119.703;48.366
p36=-119.506;47.963
p37=-119.343;47.532
p38=-119.230;47.113
p39=-119.168;46.666
p40=-119.151;46.283
p41=-119.196;45.854
p42=-119.272;45.484
p43=-119.391;45.166
p44=-119.554;44.837
p45=-119.752;44.549
p46=-119.991;44.302
p47=-120.240;44.102
p48=-120.524;43.937
p49=-120.815;43.823
p50=-121.134;43.753
p51=-121.479;43.731

[C2]

gain=-4.00
n_point=51
p1=-121.568;42.513
p2=-122.049;42.602
p3=-122.508;42.745
p4=-122.987;42.962
p5=-123.470;43.249
p6=-123.950;43.599
p7=-124.431;44.036
p8=-124.872;44.516
p9=-125.248;44.986
p10=-125.587;45.497
p11=-125.885;46.025
p12=-126.157;46.610
p13=-126.380;47.219
p14=-126.547;47.823
p15=-126.640;48.382
p16=-126.691;48.982
p17=-126.661;49.520
p18=-126.571;50.074
p19=-126.415;50.566
p20=-126.149;51.076
p21=-125.827;51.487
p22=-125.436;51.828
p23=-125.019;52.060
p24=-124.539;52.221
p25=-123.991;52.312
p26=-123.393;52.302
p27=-122.794;52.207
p28=-122.171;52.016
p29=-121.575;51.757
p30=-121.028;51.440
p31=-120.458;51.013
p32=-119.911;50.524
p33=-119.408;49.970
p34=-119.000;49.386
p35=-118.702;48.903

p36=-118.436;48.334
p37=-118.221;47.728
p38=-118.078;47.142
p39=-118.008;46.521
p40=-117.997;45.991
p41=-118.074;45.398
p42=-118.191;44.889
p43=-118.365;44.453
p44=-118.598;44.004
p45=-118.878;43.610
p46=-119.212;43.273
p47=-119.556;43.001
p48=-119.947;42.778
p49=-120.346;42.622
p50=-120.782;42.526
p51=-121.252;42.496

[C3]

gain=-6.00
n_point=51
p1=-121.475;41.644
p2=-122.046;41.749
p3=-122.589;41.917
p4=-123.157;42.174
p5=-123.731;42.514
p6=-124.303;42.928
p7=-124.877;43.447
p8=-125.407;44.018
p9=-125.861;44.579
p10=-126.274;45.189
p11=-126.641;45.822
p12=-126.979;46.525
p13=-127.261;47.259
p14=-127.480;47.990
p15=-127.610;48.668
p16=-127.692;49.400
p17=-127.675;50.059
p18=-127.586;50.739
p19=-127.415;51.345
p20=-127.109;51.977
p21=-126.730;52.487
p22=-126.259;52.912
p23=-125.751;53.201
p24=-125.159;53.402
p25=-124.480;53.514
p26=-123.736;53.501
p27=-122.988;53.381
p28=-122.211;53.140
p29=-121.469;52.816
p30=-120.791;52.421
p31=-120.089;51.891
p32=-119.419;51.285
p33=-118.809;50.604
p34=-118.319;49.888
p35=-117.966;49.298
p36=-117.654;48.607
p37=-117.406;47.873

p38=-117.246;47.166
p39=-117.174;46.418
p40=-117.172;45.783
p41=-117.277;45.073
p42=-117.427;44.466
p43=-117.642;43.946
p44=-117.928;43.412
p45=-118.268;42.944
p46=-118.670;42.545
p47=-119.083;42.223
p48=-119.550;41.958
p49=-120.025;41.774
p50=-120.543;41.661
p51=-121.100;41.624

[C4]

gain=-8.00
n_point=51
p1=-121.407;40.965
p2=-122.046;41.081
p3=-122.656;41.269
p4=-123.293;41.556
p5=-123.938;41.937
p6=-124.582;42.402
p7=-125.230;42.984
p8=-125.830;43.626
p9=-126.347;44.257
p10=-126.818;44.947
p11=-127.242;45.662
p12=-127.635;46.459
p13=-127.969;47.293
p14=-128.233;48.125
p15=-128.397;48.900
p16=-128.511;49.739
p17=-128.511;50.497
p18=-128.430;51.282
p19=-128.253;51.984
p20=-127.922;52.718
p21=-127.500;53.313
p22=-126.968;53.808
p23=-126.385;54.147
p24=-125.702;54.382
p25=-124.911;54.513
p26=-124.042;54.496
p27=-123.166;54.354
p28=-122.257;54.070
p29=-121.391;53.690
p30=-120.602;53.227
p31=-119.788;52.609
p32=-119.019;51.907
p33=-118.322;51.119
p34=-117.768;50.295
p35=-117.372;49.618
p36=-117.025;48.827
p37=-116.754;47.990
p38=-116.583;47.186
p39=-116.513;46.338

p40=-116.521;45.619
p41=-116.650;44.817
p42=-116.828;44.133
p43=-117.078;43.548
p44=-117.407;42.948
p45=-117.795;42.422
p46=-118.251;41.975
p47=-118.718;41.613
p48=-119.245;41.317
p49=-119.780;41.111
p50=-120.361;40.983
p51=-120.986;40.942

[C5]

gain=-10.00
n_point=51
p1=-121.354;40.404
p2=-122.050;40.530
p3=-122.713;40.734
p4=-123.408;41.046
p5=-124.110;41.461
p6=-124.814;41.966
p7=-125.523;42.601
p8=-126.181;43.302
p9=-126.750;43.991
p10=-127.273;44.745
p11=-127.744;45.529
p12=-128.186;46.404
p13=-128.566;47.322
p14=-128.871;48.240
p15=-129.067;49.097
p16=-129.212;50.028
p17=-129.231;50.870
p18=-129.162;51.746
p19=-128.986;52.531
p20=-128.638;53.355
p21=-128.185;54.025
p22=-127.603;54.584
p23=-126.958;54.966
p24=-126.194;55.232
p25=-125.306;55.379
p26=-124.324;55.358
p27=-123.334;55.196
p28=-122.306;54.873
p29=-121.330;54.442
p30=-120.443;53.920
p31=-119.533;53.225
p32=-118.677;52.437
p33=-117.908;51.557
p34=-117.301;50.640
p35=-116.869;49.888
p36=-116.495;49.013
p37=-116.207;48.089
p38=-116.029;47.203
p39=-115.963;46.271
p40=-115.980;45.483
p41=-116.132;44.605

p42=-116.334;43.857
p43=-116.614;43.218
p44=-116.979;42.564
p45=-117.407;41.991
p46=-117.908;41.504
p47=-118.421;41.110
p48=-118.997;40.788
p49=-119.581;40.563
p50=-120.215;40.425
p51=-120.896;40.380

[C6]

gain=-15.00
n_point=51
p1=-121.262;39.371
p2=-122.061;39.515
p3=-122.824;39.749
p4=-123.623;40.106
p5=-124.432;40.581
p6=-125.244;41.162
p7=-126.067;41.892
p8=-126.835;42.700
p9=-127.502;43.497
p10=-128.121;44.371
p11=-128.685;45.282
p12=-129.222;46.304
p13=-129.694;47.379
p14=-130.085;48.460
p15=-130.353;49.474
p16=-130.569;50.580
p17=-130.636;51.588
p18=-130.608;52.642
p19=-130.449;53.593
p20=-130.088;54.598
p21=-129.587;55.419
p22=-128.919;56.109
p23=-128.156;56.582
p24=-127.234;56.910
p25=-126.147;57.091
p26=-124.934;57.061
p27=-123.707;56.855
p28=-122.433;56.450
p29=-121.230;55.915
p30=-120.145;55.270
p31=-119.043;54.417
p32=-118.019;53.459
p33=-117.112;52.398
p34=-116.407;51.298
p35=-115.913;50.404
p36=-115.493;49.367
p37=-115.177;48.278
p38=-114.991;47.238
p39=-114.937;46.149
p40=-114.977;45.231
p41=-115.173;44.213
p42=-115.424;43.347
p43=-115.760;42.609

p44=-116.195;41.855
p45=-116.699;41.196
p46=-117.284;40.635
p47=-117.880;40.183
p48=-118.547;39.813
p49=-119.221;39.556
p50=-119.952;39.396
p51=-120.735;39.344

[C7]

gain=-20.00
n_point=51
p1=-121.205;38.679
p2=-122.073;38.835
p3=-122.901;39.087
p4=-123.770;39.475
p5=-124.651;39.990
p6=-125.536;40.621
p7=-126.435;41.414
p8=-127.277;42.294
p9=-128.013;43.164
p10=-128.698;44.119
p11=-129.327;45.116
p12=-129.934;46.237
p13=-130.473;47.420
p14=-130.931;48.614
p15=-131.254;49.737
p16=-131.531;50.967
p17=-131.644;52.093
p18=-131.658;53.276
p19=-131.525;54.349
p20=-131.171;55.487
p21=-130.652;56.424
p22=-129.933;57.213
p23=-129.091;57.755
p24=-128.055;58.132
p25=-126.819;58.338
p26=-125.427;58.300
p27=-124.015;58.059
p28=-122.551;57.590
p29=-121.175;56.973
p30=-119.941;56.235
p31=-118.699;55.264
p32=-117.555;54.181
p33=-116.552;52.988
p34=-115.783;51.758
p35=-115.248;50.762
p36=-114.800;49.612
p37=-114.470;48.409
p38=-114.282;47.264
p39=-114.241;46.068
p40=-114.297;45.062
p41=-114.527;43.948
p42=-114.813;43.003
p43=-115.189;42.199
p44=-115.672;41.378
p45=-116.228;40.661

p46=-116.871;40.052
p47=-117.523;39.561
p48=-118.251;39.159
p49=-118.986;38.880
p50=-119.781;38.706
p51=-120.632;38.650