

ISOK_ASSES_ER_IR_60_R_SIDE
05/08
Set #3

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

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

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

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

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

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

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

3730	13.6	77.9	-1	60.4
3740	14.0	77.3	-1	60.4
3750	13.8	76.7	0	60.4
3760	13.4	76.0	0	60.1
3770	13.3	75.4	1	60.4
3780	13.0	74.8	2	60.4
3790	13.4	74.2	2	60.4
3800	13.2	73.6	3	60.4
3810	13.3	73.0	3	60.4
3820	13.2	72.4	4	60.4
3830	13.3	71.8	5	60.4
3840	13.2	71.2	5	60.4
3850	13.4	70.6	6	60.1
3860	13.3	70.0	6	60.4
3870	13.3	69.4	7	60.1
3880	13.3	68.8	8	60.1
3890	13.0	68.2	8	60.4
3900	13.2	67.6	9	60.4
3910	13.4	67.0	9	60.1
3920	13.4	66.4	10	60.1
3930	13.2	65.8	11	60.1
3940	13.3	65.2	11	60.1
3950	13.2	64.6	12	60.4
3960	13.0	64.0	12	60.1
3970	13.2	63.4	13	60.1
3980	12.9	62.8	14	60.1
3990	12.3	62.2	14	60.1
4000	12.9	61.6	15	60.1
4010	12.7	61.0	15	60.1
4020	14.1	60.4	16	63.0
4030	20.5	59.9	17	52.4
4040	18.7	59.5	17	38.6
4050	15.2	59.2	17	27.4
4060	15.6	58.9	18	27.1
4070	15.5	58.7	18	19.9
4080	14.4	58.5	18	14.3
4090	13.7	58.4	18	13.8
4100	12.5	58.3	18	10.3
4110	11.5	58.2	18	7.1
4120	11.3	58.1	18	5.5
4130	10.6	58.1	18	5.5
4140	9.8	58.0	18	4.2
4150	9.4	58.0	18	3.1
4160	8.9	58.0	18	2.9
4170	8.5	57.9	19	2.3
4180	7.6	57.9	19	2.3
4190	7.2	57.9	19	2.3
4200	5.0	57.9	19	0.5
4210	3.7	57.9	19	0.0
4220	1.5	57.9	19	0.0
4230	1.1	57.9	19	0.0
4240	0.8	57.9	19	0.2
4250	-0.3	57.9	19	0.0
4260	-0.9	57.9	19	0.0

4270	-0.9	57.9	19	0.7
4280	-1.1	57.9	19	0.7
4290	-4.9	57.9	19	0.0
4300	-13.0	57.9	19	-2.6
4310	-4.7	57.9	19	-4.7
4320	-0.5	58.0	18	-9.0
4330	-8.5	58.1	18	-13.3
4340	-9.6	58.3	18	-19.4
4350	-7.2	58.5	18	-26.6
4360	-7.9	58.8	18	-33.0
4370	-10.4	59.2	17	-39.4
4380	-9.5	59.6	17	-47.1
4390	-7.9	60.0	16	-54.3
4400	-10.2	60.6	16	-60.9
4410	-14.6	61.1	15	-62.8
4420	-16.5	61.7	15	-57.2
4430	-15.6	62.3	14	-56.9
4440	-15.6	62.9	14	-56.9
4450	-18.4	63.4	13	-57.2
4460	-17.9	64.0	12	-58.0
4470	-18.6	64.6	12	-58.3
4480	-18.6	65.2	11	-58.5
4490	-18.6	65.8	11	-59.1
4500	-19.3	66.4	10	-59.3
4510	-20.2	67.0	9	-59.3
4520	-20.5	67.6	9	-59.3
4530	-20.5	68.1	8	-59.6
4540	-21.8	68.7	8	-59.6
4550	-22.5	69.3	7	-59.6
4560	-22.4	69.9	7	-59.3
4570	-22.6	70.5	6	-59.6
4580	-22.6	71.1	5	-59.6
4590	-22.8	71.7	5	-59.6
4600	-22.4	72.3	4	-59.6
4610	-22.4	72.9	4	-59.6
4620	-22.6	73.5	3	-59.3
4630	-23.1	74.1	2	-59.6
4640	-23.5	74.7	2	-59.9
4650	-23.5	75.3	1	-59.3
4660	-23.6	75.9	1	-59.3
4670	-23.2	76.5	0	-59.6
4680	-23.3	77.1	-1	-59.6
4690	-23.3	77.7	-1	-59.6
4700	-23.9	78.3	-2	-59.6
4710	-23.5	78.9	-2	-59.6
4720	-24.0	79.5	-3	-59.6
4730	-24.5	80.1	-4	-59.6
4740	-25.0	80.7	-4	-59.6
4750	-24.7	81.3	-5	-59.6
4760	-24.4	81.9	-5	-59.6
4770	-24.8	82.4	-6	-59.6
4780	-24.4	83.0	-7	-59.9
4790	-23.6	83.6	-7	-59.3
4800	-23.1	84.2	-8	-59.6

4810	-23.6	84.8	-8	-59.6
4820	-23.5	85.4	-9	-59.6
4830	-24.0	86.0	-10	-59.6
4840	-24.3	86.6	-10	-59.6
4850	-23.6	87.2	-11	-59.9
4860	-23.2	87.8	-11	-59.6
4870	-23.7	88.4	-12	-59.6
4880	-23.9	89.0	-13	-59.6
4890	-22.9	89.6	-13	-59.6
4900	-22.8	90.2	-14	-59.9
4910	-23.2	90.8	-14	-59.9
4920	-23.9	91.4	-15	-59.6
4930	-23.6	92.0	-16	-59.6
4940	-23.9	92.6	-16	-59.9
4950	-23.7	93.2	-17	-59.9
4960	-23.7	93.8	-17	-59.9
4970	-23.5	94.4	-18	-59.6
4980	-23.2	95.0	-19	-59.6
4990	-23.1	95.6	-19	-59.6
5000	-22.9	96.2	-20	-59.9
5010	-23.1	96.8	-20	-59.6
5020	-22.9	97.4	-21	-59.6
5030	-22.6	98.0	-22	-59.9
5040	-22.8	98.6	-22	-59.6
5050	-23.1	99.2	-23	-59.9
5060	-22.8	99.8	-23	-59.9
5070	-22.6	100.4	-24	-59.9
5080	-22.2	101.0	-25	-59.9
5090	-22.5	101.6	-25	-59.9
5100	-22.4	102.2	-26	-59.9
5110	-22.6	102.8	-26	-59.6
5120	-22.4	103.4	-27	-59.9
5130	-23.1	104.0	-28	-59.9
5140	-24.0	104.6	-28	-59.9
5150	-23.6	105.2	-29	-59.9
5160	-23.2	105.8	-29	-59.9
5170	-23.5	106.4	-30	-59.9
5180	-24.3	107.0	-31	-59.9
5190	-24.1	107.6	-31	-59.9
5200	-23.7	108.2	-32	-59.9
5210	-23.7	108.8	-32	-60.1
5220	-24.0	109.4	-33	-60.1
5230	-24.1	110.0	-34	-60.1
5240	-24.1	110.6	-34	-59.9
5250	-23.9	111.2	-35	-59.9
5260	-23.7	111.8	-35	-60.1
5270	-23.6	112.4	-36	-60.1
5280	-23.1	113.0	-37	-59.9
5290	-22.6	113.6	-37	-59.6
5300	-22.2	114.2	-38	-60.1
5310	-23.1	114.8	-38	-59.9
5320	-23.2	115.4	-39	-59.9
5330	-23.1	116.0	-40	-59.9
5340	-22.6	116.6	-40	-59.9

5350	-22.8	117.2	-41	-60.1
5360	-23.1	117.8	-41	-60.1
5370	-23.1	118.4	-42	-60.1
5380	-22.4	119.0	-43	-60.1
5390	-22.1	119.6	-43	-59.9
5400	-22.0	120.2	-44	-60.1
5410	-22.0	120.8	-44	-59.6
5420	-21.6	121.4	-45	-58.5
5430	-28.5	121.9	-45	-52.4
5440	-29.7	122.3	-46	-38.8
5450	-25.1	122.6	-46	-27.9
5460	-22.9	122.8	-46	-22.0
5470	-23.9	123.1	-47	-17.8
5480	-23.6	123.2	-47	-17.5
5490	-20.7	123.4	-47	-14.1
5500	-19.3	123.5	-47	-10.9
5510	-19.0	123.6	-47	-8.2
5520	-18.3	123.6	-47	-5.8
5530	-17.0	123.7	-47	-4.7
5540	-16.3	123.7	-47	-3.4
5550	-15.9	123.8	-47	-2.6
5560	-14.4	123.8	-47	-1.8
5570	-12.2	123.8	-47	-1.3
5580	-9.6	123.8	-47	-1.0
5590	-15.1	123.8	-47	-0.7
5600	-11.9	123.8	-47	-0.5
5610	-9.6	123.8	-47	0.0
5620	-7.3	123.8	-47	0.0
5630	-5.4	123.8	-47	0.0
5640	-4.3	123.8	-47	0.0
5650	-3.8	123.8	-47	0.0
5660	-3.7	123.8	-47	0.0
5670	-1.1	123.8	-47	0.0
5680	0.9	123.8	-47	0.2
5690	0.8	123.8	-47	0.2
5700	0.7	123.8	-47	0.7
5710	0.8	123.8	-47	0.5
5720	0.8	123.8	-47	0.7
5730	9.2	123.8	-47	1.5
5740	11.1	123.8	-47	2.1
5750	19.7	123.7	-47	4.7
5760	13.7	123.6	-47	9.0
5770	10.2	123.5	-47	11.7
5780	14.5	123.4	-47	13.3
5790	14.6	123.2	-47	15.7
5800	14.2	123.0	-47	19.1
5810	14.5	122.8	-46	22.0
5820	14.2	122.5	-46	25.2
5830	14.6	122.2	-46	28.4
5840	15.3	121.8	-45	31.6
5850	14.5	121.5	-45	35.1
5860	14.1	121.1	-45	38.3
5870	14.8	120.6	-44	46.5
5880	15.5	120.1	-44	50.3

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

6430	16.0	87.0	-11	60.4
6440	16.0	86.4	-10	60.6
6450	15.9	85.8	-9	60.6
6460	15.9	85.2	-9	60.4
6470	16.0	84.6	-8	60.1
6480	16.1	84.0	-8	60.4
6490	15.9	83.4	-7	60.6
6500	15.7	82.8	-6	60.4
6510	15.5	82.2	-6	60.6
6520	15.5	81.6	-5	60.4
6530	15.3	81.0	-5	60.4
6540	15.3	80.3	-4	60.6
6550	15.6	79.7	-3	60.6
6560	15.5	79.1	-3	60.4
6570	14.8	78.5	-2	60.4
6580	14.8	77.9	-1	60.6
6590	15.1	77.3	-1	60.4
6600	14.1	76.7	0	60.4
6610	13.8	76.1	0	60.1
6620	13.7	75.5	1	60.4
6630	13.3	74.9	2	60.4
6640	13.6	74.3	2	60.4
6650	13.6	73.7	3	60.4
6660	13.6	73.1	3	60.1
6670	13.6	72.5	4	60.1
6680	14.0	71.9	5	60.4
6690	14.0	71.3	5	60.1
6700	14.0	70.7	6	60.4
6710	14.2	70.1	6	60.4
6720	14.0	69.5	7	60.4
6730	13.7	68.9	8	60.4
6740	13.4	68.3	8	60.4
6750	13.6	67.7	9	60.4
6760	13.7	67.1	9	60.4
6770	14.0	66.5	10	60.1
6780	14.0	65.8	11	60.1
6790	14.1	65.2	11	60.4
6800	13.4	64.6	12	60.4
6810	13.7	64.0	12	60.4
6820	14.6	63.4	13	60.1
6830	14.5	62.8	14	60.1
6840	13.7	62.2	14	60.1
6850	14.1	61.6	15	60.1
6860	13.8	61.0	15	60.1
6870	14.6	60.5	16	52.1
6880	21.3	60.0	16	43.3
6890	20.2	59.5	17	39.1
6900	17.0	59.2	17	31.4
6910	17.1	58.9	18	27.6
6920	17.1	58.7	18	20.2
6930	15.5	58.5	18	14.3
6940	15.9	58.4	18	14.1
6950	14.4	58.3	18	10.3
6960	12.5	58.2	18	7.1

6970	12.9	58.1	18	6.9
6980	12.5	58.1	18	5.8
6990	11.7	58.0	18	4.2
7000	11.3	58.0	18	3.1
7010	11.0	58.0	18	2.3
7020	10.2	57.9	19	2.1
7030	9.4	57.9	19	1.8
7040	8.3	57.9	19	2.1
7050	5.3	57.9	19	0.5
7060	3.4	57.9	19	0.0
7070	0.7	57.9	19	0.0
7080	0.4	57.9	19	0.0
7090	-0.3	57.9	19	0.0
7100	-1.2	57.9	19	0.5
7110	-3.9	57.9	19	1.3
7120	-1.1	57.9	19	0.2
7130	-5.2	57.9	19	0.2
7140	-10.0	57.9	19	-2.6
7150	-2.6	57.9	19	-4.5
7160	0.0	58.0	18	-7.7
7170	-7.1	58.1	18	-9.5
7180	-5.8	58.2	18	-14.9
7190	-1.6	58.4	18	-19.9
7200	-5.2	58.6	18	-23.1
7210	-7.5	58.8	18	-27.4
7220	-4.2	59.1	17	-33.5
7230	-4.2	59.4	17	-38.0
7240	-8.3	59.8	17	-42.3
7250	-7.5	60.2	16	-48.4
7260	-5.6	60.7	16	-54.5
7270	-7.9	61.3	15	-54.5
7280	-12.2	61.8	15	-56.7
7290	-12.6	62.4	14	-56.7
7300	-11.8	63.0	13	-56.7
7310	-11.8	63.5	13	-56.9
7320	-13.0	64.1	12	-56.7
7330	-14.0	64.7	12	-56.9
7340	-14.0	65.2	11	-56.7
7350	-13.8	65.8	11	-56.9
7360	-14.8	66.4	10	-56.9
7370	-15.6	66.9	10	-56.9
7380	-16.0	67.5	9	-56.9
7390	-16.4	68.1	8	-56.9
7400	-17.1	68.7	8	-57.2
7410	-17.6	69.2	7	-57.7
7420	-17.4	69.8	7	-58.0
7430	-18.2	70.4	6	-58.5
7440	-18.7	71.0	5	-58.8
7450	-18.2	71.6	5	-59.3
7460	-18.4	72.2	4	-59.3
7470	-18.6	72.8	4	-59.1
7480	-18.7	73.4	3	-59.1
7490	-18.4	74.0	2	-59.3
7500	-19.1	74.5	2	-59.6

7510	-19.3	75.1	1	-59.3
7520	-18.6	75.7	1	-59.3
7530	-18.4	76.3	0	-59.1
7540	-18.2	76.9	0	-59.3
7550	-18.4	77.5	-1	-59.6
7560	-18.8	78.1	-2	-59.6
7570	-18.7	78.7	-2	-59.3
7580	-18.7	79.3	-3	-59.3
7590	-19.1	79.9	-3	-59.6
7600	-19.1	80.5	-4	-59.3
7610	-18.8	81.1	-5	-59.3
7620	-18.6	81.7	-5	-59.6
7630	-18.6	82.3	-6	-59.6
7640	-18.3	82.9	-6	-59.6
7650	-17.8	83.5	-7	-59.3
7660	-17.4	84.1	-8	-59.3
7670	-17.4	84.7	-8	-59.3
7680	-17.8	85.3	-9	-59.3
7690	-18.2	85.8	-9	-59.3
7700	-18.4	86.4	-10	-59.6
7710	-18.3	87.0	-11	-59.6
7720	-18.2	87.6	-11	-59.6
7730	-18.2	88.2	-12	-59.9
7740	-18.6	88.8	-12	-59.6
7750	-18.0	89.4	-13	-59.6
7760	-17.5	90.0	-14	-59.6
7770	-18.4	90.6	-14	-59.6
7780	-18.8	91.2	-15	-59.6
7790	-19.1	91.8	-15	-59.6
7800	-19.3	92.4	-16	-59.6
7810	-19.5	93.0	-17	-59.6
7820	-19.7	93.6	-17	-59.6
7830	-20.1	94.2	-18	-59.6
7840	-20.2	94.8	-18	-59.6
7850	-20.1	95.4	-19	-59.6
7860	-20.2	96.0	-20	-59.9
7870	-20.6	96.6	-20	-59.9
7880	-20.6	97.2	-21	-59.6
7890	-20.1	97.8	-21	-59.9
7900	-19.4	98.4	-22	-59.9
7910	-18.7	99.0	-23	-59.9
7920	-18.0	99.6	-23	-59.6
7930	-17.2	100.2	-24	-59.6
7940	-17.4	100.8	-24	-59.6
7950	-16.8	101.4	-25	-59.6
7960	-17.1	102.0	-26	-59.6
7970	-17.1	102.6	-26	-59.6
7980	-16.7	103.2	-27	-59.6
7990	-16.4	103.8	-27	-59.6
8000	-16.8	104.3	-28	-59.6
8010	-17.0	104.9	-28	-59.6
8020	-16.1	105.5	-29	-59.3
8030	-16.0	106.1	-30	-59.6
8040	-16.4	106.7	-30	-59.6

8050	-16.4	107.3	-31	-59.9
8060	-16.1	107.9	-31	-59.6
8070	-16.1	108.5	-32	-59.9
8080	-16.3	109.1	-33	-59.9
8090	-16.8	109.7	-33	-59.9
8100	-17.0	110.3	-34	-59.6
8110	-16.5	110.9	-34	-59.9
8120	-16.3	111.5	-35	-59.9
8130	-16.1	112.1	-36	-59.6
8140	-16.1	112.7	-36	-59.6
8150	-15.2	113.3	-37	-59.6
8160	-14.5	113.9	-37	-59.3
8170	-13.7	114.5	-38	-59.6
8180	-12.7	115.1	-39	-59.3
8190	-11.9	115.7	-39	-59.3
8200	-10.3	116.3	-40	-59.3
8210	-9.6	116.9	-40	-59.3
8220	-10.0	117.5	-41	-59.3
8230	-9.1	118.1	-42	-59.1
8240	-8.9	118.7	-42	-59.3
8250	-8.4	119.2	-43	-59.3
8260	-9.1	119.8	-43	-59.6
8270	-9.6	120.4	-44	-59.3
8280	-9.1	121.0	-45	-53.5
8290	-11.7	121.6	-45	-47.9
8300	-16.4	122.0	-46	-46.5
8310	-13.6	122.4	-46	-37.5
8320	-8.1	122.7	-46	-29.8
8330	-7.1	122.9	-46	-23.9
8340	-9.9	123.1	-47	-17.5
8350	-8.7	123.2	-47	-12.7
8360	-5.2	123.3	-47	-10.1
8370	-4.2	123.4	-47	-7.9
8380	-4.7	123.5	-47	-6.3
8390	-4.9	123.6	-47	-6.6
8400	-3.3	123.6	-47	-5.3
8410	-3.3	123.7	-47	-3.9
8420	-3.7	123.7	-47	-2.9
8430	-3.7	123.7	-47	-2.1
8440	-3.1	123.7	-47	-1.5
8450	-3.1	123.8	-47	-1.3
8460	-3.7	123.8	-47	-1.0
8470	-9.5	123.8	-47	-0.7
8480	-8.1	123.8	-47	-0.2
8490	-7.2	123.8	-47	-0.2
8500	-6.4	123.8	-47	-0.5
8510	-4.6	123.8	-47	-0.2
8520	-3.9	123.8	-47	0.0
8530	-3.5	123.8	-47	0.0
8540	-3.3	123.8	-47	-0.2
8550	-3.0	123.8	-47	0.0
8560	-3.1	123.8	-47	0.0
8570	-1.6	123.8	-47	0.0
8580	0.4	123.8	-47	0.0

8590	0.8	123.8	-47	0.0
8600	0.8	123.8	-47	0.2
8610	0.9	123.8	-47	0.5
8620	0.9	123.8	-47	0.7
8630	9.4	123.8	-47	1.0
8640	14.0	123.8	-47	2.3
8650	16.8	123.7	-47	6.1
8660	10.2	123.6	-47	10.3
8670	10.0	123.5	-47	12.2
8680	13.4	123.4	-47	13.8
8690	13.8	123.2	-47	16.5
8700	12.7	123.1	-47	19.4
8710	13.2	122.9	-46	22.6
8720	13.2	122.6	-46	25.5
8730	14.4	122.4	-46	28.7
8740	13.8	122.1	-46	32.4
8750	13.0	121.8	-45	35.9
8760	13.8	121.4	-45	39.4
8770	14.5	121.0	-45	42.8
8780	14.1	120.6	-44	42.5
8790	13.8	120.2	-44	46.3
8800	14.2	119.7	-43	49.7
8810	14.2	119.2	-43	53.5
8820	14.0	118.6	-42	57.2
8830	14.0	118.0	-42	60.1
8840	17.2	117.4	-41	60.1
8850	18.0	116.8	-40	60.1
8860	16.4	116.2	-40	60.1
8870	16.4	115.6	-39	60.1
8880	17.0	115.0	-39	60.4
8890	17.5	114.4	-38	60.1
8900	17.0	113.8	-37	60.1
8910	16.7	113.2	-37	60.1
8920	16.1	112.6	-36	60.1
8930	16.3	112.0	-36	60.4
8940	16.4	111.4	-35	59.9
8950	16.8	110.8	-34	60.1
8960	16.4	110.2	-34	60.1
8970	16.7	109.6	-33	60.1
8980	17.2	109.0	-33	60.1
8990	17.2	108.4	-32	60.1
9000	17.2	107.8	-31	60.1
9010	17.0	107.2	-31	60.1
9020	16.7	106.6	-30	60.1
9030	16.7	106.0	-30	60.1
9040	16.5	105.4	-29	60.1
9050	16.4	104.8	-28	60.4
9060	16.8	104.2	-28	60.4
9070	16.8	103.5	-27	60.4
9080	16.8	102.9	-26	60.4
9090	16.4	102.3	-26	60.4
9100	16.4	101.7	-25	60.1
9110	16.4	101.1	-25	60.4
9120	16.1	100.5	-24	60.1

9130	15.7	99.9	-23	60.4
9140	16.1	99.3	-23	60.4
9150	16.1	98.7	-22	60.4
9160	16.1	98.1	-22	60.4
9170	16.1	97.5	-21	60.1
9180	16.1	96.9	-20	60.1
9190	16.1	96.3	-20	60.1
9200	16.0	95.7	-19	60.4
9210	16.3	95.1	-19	60.4
9220	15.7	94.5	-18	60.1
9230	15.9	93.9	-17	60.4
9240	15.6	93.3	-17	60.4
9250	15.6	92.7	-16	60.1
9260	15.6	92.1	-16	60.1
9270	15.7	91.5	-15	60.4
9280	15.3	90.9	-14	60.4
9290	15.6	90.3	-14	60.1
9300	15.6	89.7	-13	60.1
9310	15.9	89.1	-13	60.4
9320	15.9	88.5	-12	60.4
9330	15.5	87.9	-11	60.1
9340	14.9	87.3	-11	60.4
9350	14.9	86.7	-10	60.4
9360	14.9	86.1	-10	60.4
9370	14.1	85.5	-9	60.4
9380	13.8	84.8	-8	60.1
9390	13.8	84.2	-8	60.1
9400	13.6	83.6	-7	60.4
9410	13.3	83.0	-7	60.4
9420	13.2	82.4	-6	60.4
9430	13.2	81.8	-5	60.4
9440	13.8	81.2	-5	60.1
9450	13.3	80.6	-4	60.4
9460	13.3	80.0	-4	60.4
9470	13.6	79.4	-3	60.1
9480	13.2	78.8	-2	60.1
9490	12.6	78.2	-2	60.4
9500	12.7	77.6	-1	60.4
9510	12.7	77.0	-1	60.4
9520	12.6	76.4	0	60.1
9530	12.3	75.8	1	60.4
9540	12.2	75.2	1	60.4
9550	12.2	74.6	2	60.4
9560	12.2	74.0	2	60.1
9570	12.2	73.4	3	60.4
9580	12.2	72.8	4	60.4
9590	12.6	72.2	4	60.1
9600	12.7	71.6	5	60.4
9610	13.2	71.0	5	60.4
9620	12.9	70.4	6	60.1
9630	13.0	69.8	7	60.4
9640	12.7	69.2	7	60.4
9650	12.9	68.6	8	60.1
9660	12.9	68.0	8	60.1

9670	13.4	67.3	9	60.4
9680	13.0	66.7	10	60.4
9690	13.0	66.1	10	60.1
9700	13.2	65.5	11	60.1
9710	13.4	64.9	12	60.4
9720	12.9	64.3	12	60.4
9730	12.9	63.7	13	60.4
9740	13.0	63.1	13	60.1
9750	12.7	62.5	14	60.1
9760	12.7	61.9	15	60.4
9770	12.9	61.3	15	60.1
9780	12.5	60.7	16	60.1
9790	17.6	60.2	16	58.0
9800	20.6	59.7	17	47.9
9810	17.0	59.4	17	35.1
9820	15.6	59.0	17	30.8
9830	16.3	58.8	18	22.6
9840	14.5	58.6	18	16.2
9850	14.0	58.5	18	15.7
9860	14.1	58.4	18	12.7
9870	12.6	58.3	18	9.5
9880	12.2	58.2	18	6.3
9890	12.2	58.1	18	6.3
9900	11.5	58.1	18	4.7
9910	11.1	58.0	18	3.4
9920	10.8	58.0	18	3.4
9930	10.0	58.0	18	2.6
9940	9.2	57.9	19	2.3
9950	8.4	57.9	19	2.3
9960	7.5	57.9	19	2.3
9970	4.6	57.9	19	0.2
9980	2.4	57.9	19	0.0
9990	0.8	57.9	19	0.0
10000	0.4	57.9	19	0.0
10010	-0.4	57.9	19	0.0
10020	-0.9	57.9	19	0.5
10030	-3.9	57.9	19	1.3
10040	-1.2	57.9	19	0.2
10050	-9.9	57.9	19	-0.2
10060	-9.5	57.9	19	-2.9
10070	-2.2	57.9	19	-5.0
10080	-0.4	58.0	18	-8.7
10090	-8.4	58.1	18	-11.7
10100	-5.8	58.3	18	-17.8
10110	-2.7	58.5	18	-23.1
10120	-6.6	58.7	18	-26.8
10130	-8.1	59.0	17	-32.2
10140	-4.9	59.3	17	-38.3
10150	-5.0	59.7	17	-43.1
10160	-8.8	60.1	16	-47.9
10170	-7.7	60.6	16	-54.3
10180	-6.9	61.1	15	-55.3
10190	-12.2	61.7	15	-56.7
10200	-15.5	62.3	14	-56.9

10210	-13.2	62.9	14	-56.9
10220	-11.8	63.4	13	-56.9
10230	-14.4	64.0	12	-57.2
10240	-15.1	64.6	12	-56.9
10250	-13.8	65.1	11	-56.9
10260	-13.7	65.7	11	-56.7
10270	-14.8	66.3	10	-57.2
10280	-15.3	66.8	10	-57.2
10290	-14.8	67.4	9	-56.9
10300	-15.3	68.0	8	-56.9
10310	-16.7	68.5	8	-56.9
10320	-17.0	69.1	7	-57.2
10330	-17.0	69.7	7	-57.2
10340	-17.5	70.3	6	-56.9
10350	-18.0	70.8	6	-57.2
10360	-18.0	71.4	5	-56.9
10370	-17.5	72.0	4	-57.7
10380	-18.3	72.6	4	-58.3
10390	-18.6	73.1	3	-58.5
10400	-18.7	73.7	3	-59.1
10410	-18.8	74.3	2	-59.3
10420	-19.1	74.9	2	-59.3
10430	-19.3	75.5	1	-59.3
10440	-19.3	76.1	0	-59.1
10450	-19.0	76.7	0	-59.3
10460	-18.8	77.3	-1	-59.6
10470	-19.5	77.9	-1	-59.6
10480	-19.3	78.5	-2	-59.1
10490	-18.8	79.1	-3	-59.3
10500	-18.8	79.7	-3	-59.6
10510	-19.7	80.3	-4	-59.6
10520	-19.7	80.9	-4	-59.3
10530	-19.7	81.5	-5	-59.3
10540	-19.5	82.0	-6	-59.3
10550	-19.4	82.6	-6	-59.6
10560	-19.7	83.2	-7	-59.3
10570	-19.4	83.8	-7	-59.3
10580	-19.1	84.4	-8	-59.3
10590	-18.8	85.0	-9	-59.3
10600	-18.8	85.6	-9	-59.3
10610	-18.8	86.2	-10	-59.3
10620	-19.0	86.8	-10	-59.6
10630	-18.3	87.4	-11	-59.6
10640	-18.6	88.0	-12	-59.6
10650	-19.3	88.6	-12	-59.3
10660	-19.1	89.2	-13	-59.3
10670	-18.8	89.8	-13	-59.6
10680	-18.3	90.4	-14	-59.6
10690	-19.3	91.0	-15	-59.6
10700	-19.0	91.6	-15	-59.6
10710	-19.3	92.2	-16	-59.6
10720	-19.4	92.8	-16	-59.6
10730	-19.7	93.4	-17	-59.9
10740	-20.3	94.0	-18	-59.6

10750	-20.2	94.6	-18	-59.6
10760	-20.2	95.2	-19	-59.6
10770	-20.5	95.8	-19	-59.9
10780	-20.6	96.3	-20	-59.9
10790	-20.2	96.9	-20	-59.3
10800	-20.2	97.5	-21	-59.6
10810	-19.9	98.1	-22	-59.9
10820	-19.9	98.7	-22	-59.9
10830	-20.2	99.3	-23	-59.6
10840	-20.1	99.9	-23	-59.9
10850	-19.9	100.5	-24	-59.9
10860	-20.1	101.1	-25	-59.9
10870	-20.3	101.7	-25	-59.6
10880	-20.2	102.3	-26	-59.6
10890	-20.2	102.9	-26	-59.9
10900	-19.9	103.5	-27	-59.9
10910	-20.3	104.1	-28	-59.9
10920	-20.7	104.7	-28	-59.9
10930	-20.6	105.3	-29	-59.9
10940	-19.9	105.9	-29	-59.9
10950	-20.2	106.5	-30	-59.9
10960	-20.5	107.1	-31	-59.9
10970	-20.1	107.7	-31	-59.9
10980	-19.7	108.3	-32	-59.6
10990	-19.5	108.9	-32	-59.9
11000	-19.8	109.5	-33	-59.9
11010	-20.2	110.1	-34	-59.9
11020	-20.2	110.7	-34	-59.9
11030	-20.1	111.3	-35	-60.1
11040	-20.2	111.9	-35	-59.9
11050	-20.5	112.5	-36	-59.9
11060	-20.5	113.1	-37	-59.6
11070	-19.8	113.7	-37	-59.9
11080	-19.7	114.3	-38	-59.9
11090	-19.9	114.9	-38	-59.9
11100	-19.4	115.5	-39	-59.9
11110	-19.0	116.1	-40	-59.6
11120	-18.6	116.7	-40	-59.9
11130	-18.4	117.3	-41	-59.9
11140	-18.6	117.9	-41	-59.9
11150	-18.7	118.5	-42	-59.6
11160	-18.3	119.1	-43	-59.9
11170	-18.3	119.7	-43	-59.9
11180	-18.3	120.3	-44	-59.9
11190	-18.4	120.9	-44	-59.9
11200	-19.3	121.5	-45	-63.0
11210	-26.4	121.9	-45	-45.7
11220	-27.1	122.3	-46	-33.2
11230	-20.7	122.6	-46	-26.6
11240	-19.4	122.9	-46	-21.2
11250	-21.0	123.1	-47	-17.3
11260	-20.5	123.2	-47	-13.8
11270	-17.5	123.4	-47	-10.9
11280	-16.8	123.5	-47	-8.5

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

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

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

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

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

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

ISOK_ASSES_ER_IR_180_R_SIDE

05/08

Set #2

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

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

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

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

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

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

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

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

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

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

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

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

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

ISOK_ASSES_ER_IR_300_R_SIDE
05/08
Set #1

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

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

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

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

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

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

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

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

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

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

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

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