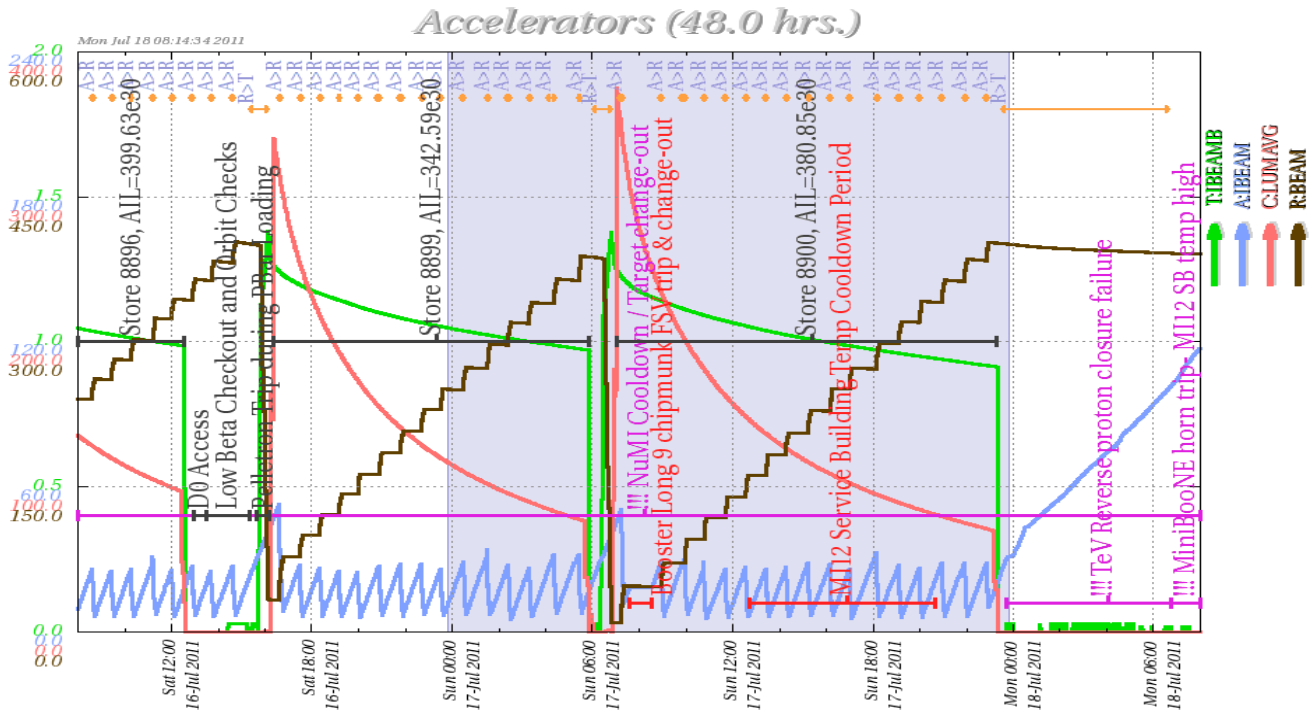
2011-07-18 Monday Morning Notes

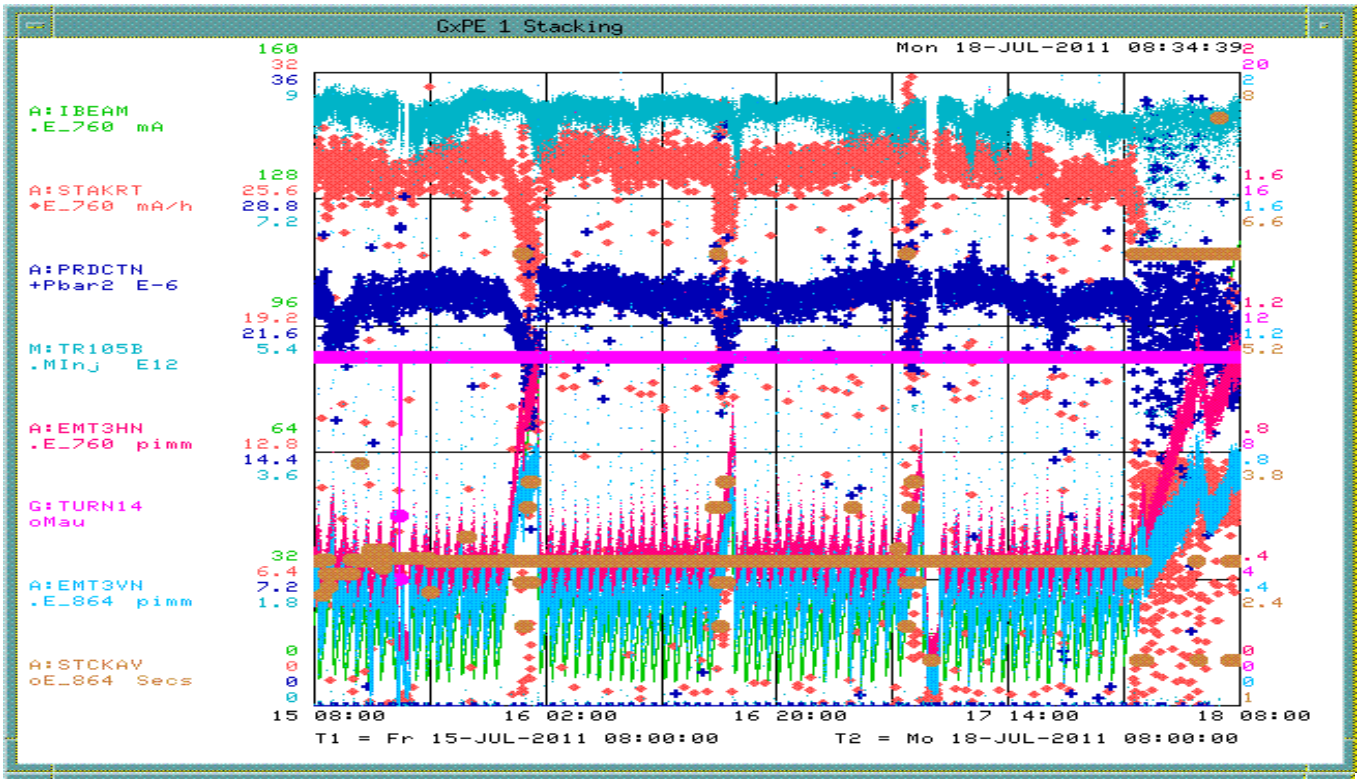
Monday, July 18, 2011
8:14 AM

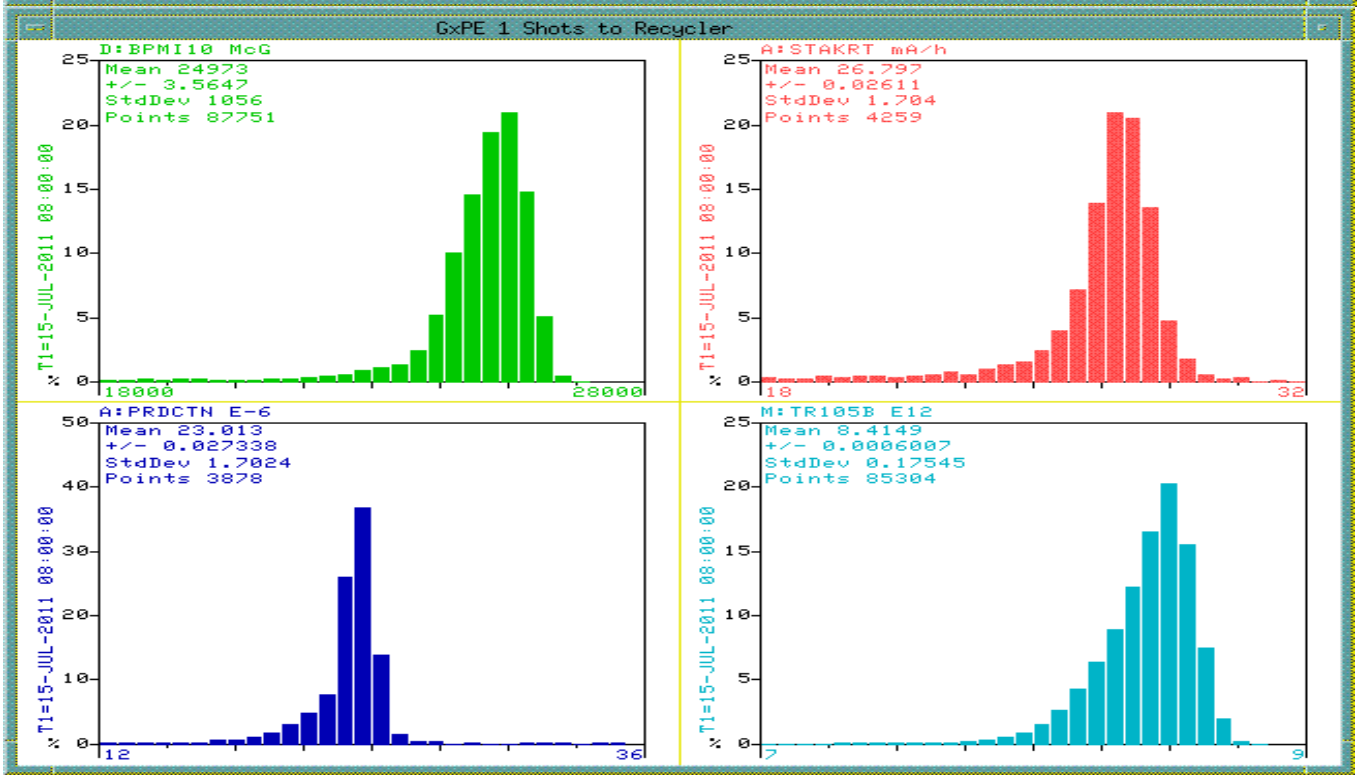
Operational Notes:

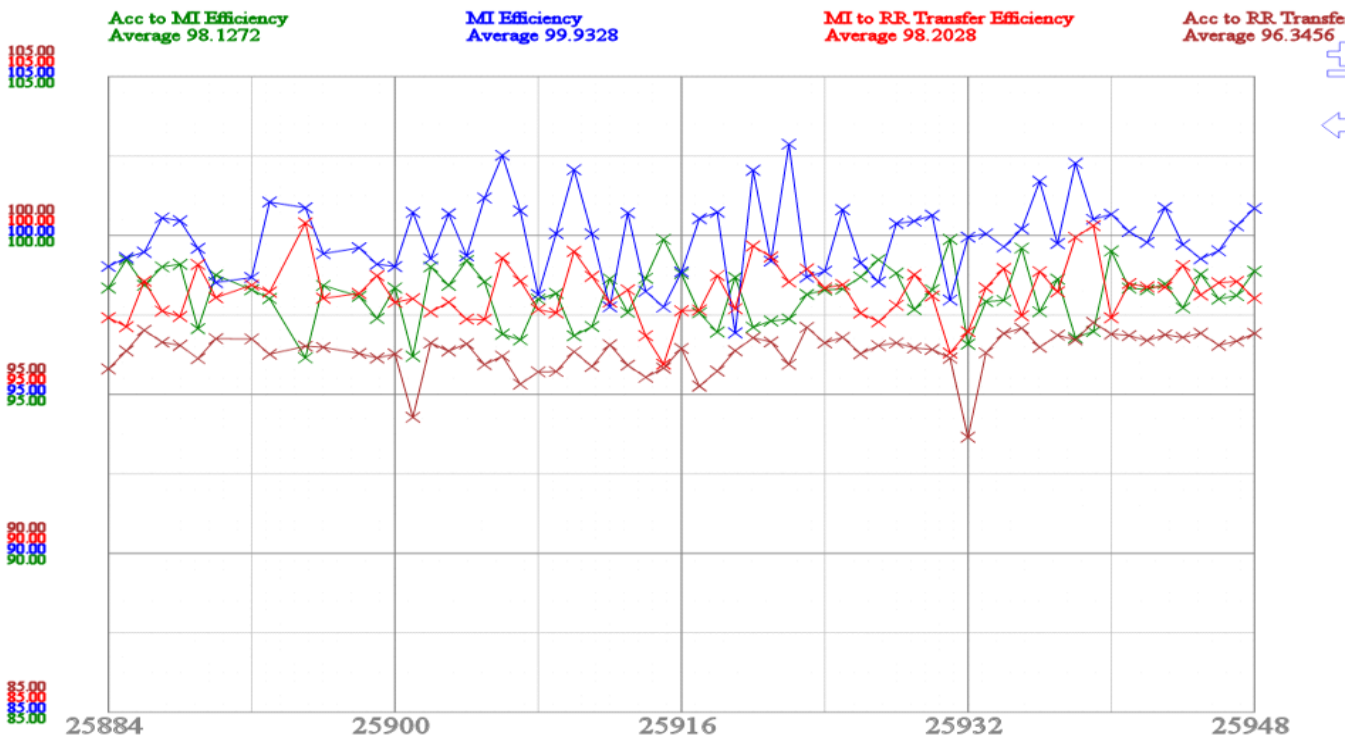
- LCW Leak - 108gal/day
- LCW Temperature Regulation - very hot week!
- DRF1-6 is starting to trip a lot

Plots



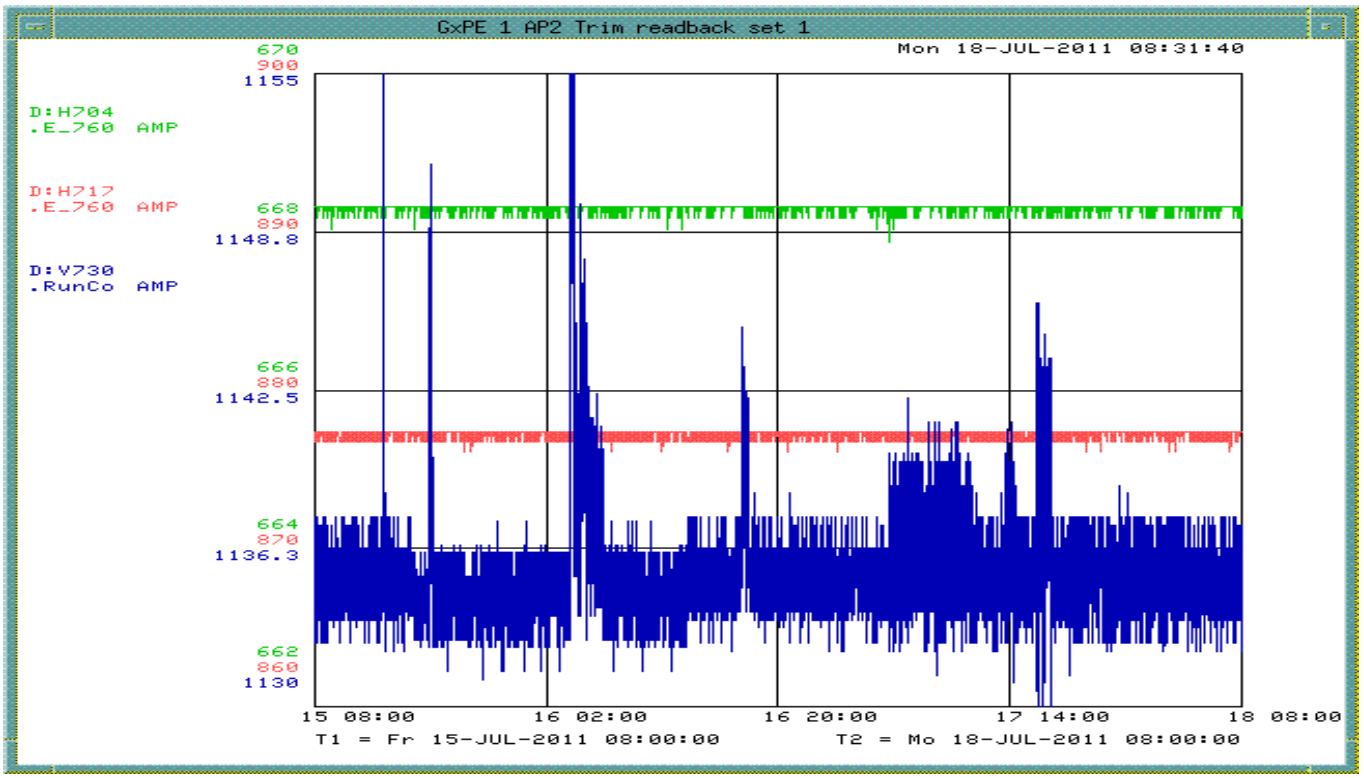

GxPE 1 Stacking
Mon 18-JUL-2011 08:34:39
A:IBEAM
.E_760 mA
A:STAKRT
*E_760 mA/h
A:PRDCTN
+Pbar2 E-6
M:TR105B
.MInj E12
A:EMT3HN
.E_760 pimm
G:TURN14
oMau
A:EMT3VN
.E_864 pimm
A:STCKAV
oE_864 Secs
15 08:00
16 02:00
16 20:00
17 14:00
18 08:00
T1 = Fr 15-JUL-2011 08:00:00
T2 = Mo 18-JUL-2011 08:00:00


GxPE 1 Shots to Recycler
D:BPMI10 McG
Mean 24973
+/- 3.5647
StdDev 1056
Points 87751
18000
28000
A:STAKRT mA/h
Mean 26.797
+/- 0.02611
StdDev 1.704
Points 4259
18
32
A:PRDCTN E-6
Mean 23.013
+/- 0.027338
StdDev 1.7024
Points 3878
12
36
M:TR105B E12
Mean 8.4149
+/- 0.0006007
StdDev 0.17545
Points 85304
7
9
% T1=15-JUL-2011 08:00:00

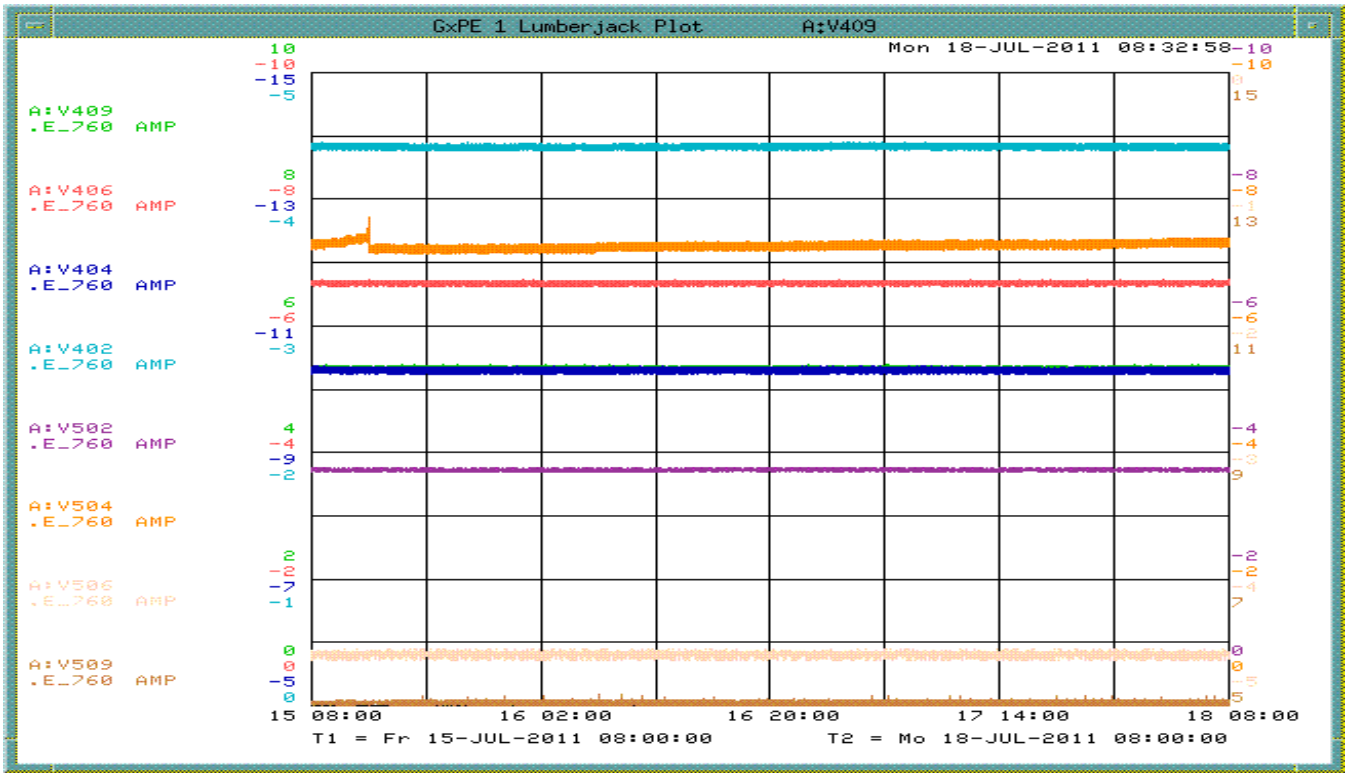

Acc to MI Efficiency
Average 98.1272
MI Efficiency
Average 99.9328
MI to RR Transfer Efficiency
Average 98.2028
Acc to RR Transfe
Average 96.3456
105.00
100.00
95.00
90.00
85.00
25884
25900
25916
25932
25948

Column 1 Number_0_Pbar Transfer Shot #	Column 4 Number_3_Transfer Time		Column 21 Number_20_A:I BEAMB sampled on $91 (A:BEAM7), E10	Column 22 Number_21_A:I BEAMB sampled on $94 (A:BEAM9), E10	Unstacked (mA)	Column 23 Number_22_R:BEAMS (R:BEAME0[0]) pre xfer E10	Column 24 Number_23_R:BEAM (R:BEAME0[1]) post xfer, E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Transfers	Sets	Column 5 Number_4_Acc Horizontal Emittance	Column 6 Number_5_Acc Vertical Emittance	Column 8 Number_7_Acc Longitudinal Emittance
	Totals =>				1609.52			1547.77	96.16%	97.99%	97.88%	95.91%	192	63	4.7181	3.4818	2.03
	Daily Average =>				536.51			515.92					64	21			
25948	Sunday, July 17, 2011	22:52	29.15	10.17	20.11	384.03	403.26	19.48	96.90%	98.78%	99.72%	98.50%	2	1	4.863	3.823	2.043
25947	Sunday, July 17, 2011	21:55	28.86	6.55	24.61	362.56	385.98	23.79	96.68%	98.27%	98.83%	97.12%	3	1	4.75	3.276	2.044
25946	Sunday, July 17, 2011	20:57	28.86	6.61	24.54	340.89	364.18	23.68	96.49%	97.93%	97.41%	95.40%	3	1	4.862	3.665	2.063
25945	Sunday, July 17, 2011	19:59	26.69	6.09	22.91	320.26	342.16	22.18	96.85%	98.81%	97.93%	96.76%	3	1	4.636	3.554	2.085
25944	Sunday, July 17, 2011	19:06	28.03	6.33	24.02	298.25	321.17	23.27	96.86%	97.78%	97.84%	95.67%	3	1	4.845	3.635	2.085
25943	Sunday, July 17, 2011	18:08	32.78	6.23	28.16	272.11	299.07	27.27	96.85%	98.50%	98.57%	97.10%	3	1	4.872	3.484	2.018
25942	Sunday, July 17, 2011	16:59	26.04	5.71	22.55	251.23	272.85	21.81	96.71%	98.40%	98.26%	96.69%	3	1	4.642	3.371	2.012
25941	Sunday, July 17, 2011	16:09	28.19	6.46	24.11	228.57	251.68	23.33	96.79%	98.06%	98.13%	96.23%	3	1	4.567	3.416	2.048
25940	Sunday, July 17, 2011	15:14	29.04	6.62	24.80	205.26	229.04	24.00	96.78%	99.01%	99.34%	98.36%	3	1	4.551	3.145	2.036
25939	Sunday, July 17, 2011	14:17	26.91	6.22	23.07	183.46	205.65	22.42	97.16%	97.30%	97.44%	94.81%	3	1	4.239	3.109	2.04
25938	Sunday, July 17, 2011	13:25	26.53	6.10	22.82	161.88	183.79	22.07	96.72%	97.02%	98.89%	95.94%	3	1	4.728	3.234	2.139
25937	Sunday, July 17, 2011	12:33	27.03	6.06	23.34	139.75	162.15	22.58	96.76%	98.32%	98.31%	96.66%	3	1	4.606	3.094	2.041
25936	Sunday, July 17, 2011	11:41	26.49	6.11	22.83	118.05	140.00	22.08	96.70%	98.20%	99.14%	97.35%	3	1	4.707	3.076	2.061
25935	Sunday, July 17, 2011	10:46	26.52	5.75	23.01	96.12	118.30	22.34	97.08%	99.26%	99.83%	99.08%	3	1	4.878	3.091	2.044
25934	Sunday, July 17, 2011	9:56	30.52	6.63	26.30	70.98	96.33	25.48	96.91%	97.66%	97.20%	94.93%	3	1	4.684	3.57	2.031
25933	Sunday, July 17, 2011	8:56	29.18	6.68	24.92	47.27	71.12	23.96	96.14%	97.97%	97.53%	95.55%	3	1	4.628	3.325	2.001
25932	Sunday, July 17, 2011	7:14	50.99	11.76	41.55	9.25	47.67	38.78	93.33%	96.59%	96.01%	92.73%	3	1	6.508	4.87	1.911
25931	Sunday, July 17, 2011	5:24	32.33	7.56	27.20	363.49	389.00	26.07	95.83%	98.96%	97.44%	96.42%	3	1	4.277	3.362	2.012
25930	Sunday, July 17, 2011	4:21	32.54	7.55	27.35	339.45	365.35	26.37	96.40%	98.16%	98.52%	96.70%	3	1	4.825	3.514	1.998
25929	Sunday, July 17, 2011	3:18	26.98	6.23	23.10	319.11	340.96	22.28	96.44%	97.84%	98.23%	96.11%	3	1	4.232	3.197	1.99
25928	Sunday, July 17, 2011	2:24	28.30	4.95	24.74	296.73	320.31	23.92	96.66%	98.38%	98.76%	97.16%	3	1	4.189	3.229	1.974
25927	Sunday, July 17, 2011	1:31	32.08	7.41	26.81	272.50	297.96	25.83	96.32%	98.98%	97.65%	96.65%	3	1	4.701	3.496	2.029
25926	Sunday, July 17, 2011	0:29	29.05	7.14	24.31	250.49	273.65	23.42	96.33%	98.76%	97.71%	96.50%	3	1	4.538	3.363	2.024
25925	Saturday, July 16, 2011	23:30	26.30	6.33	22.36	229.99	251.28	21.58	96.50%	97.89%	97.88%	95.82%	3	1	4.364	3.259	2.022
25924	Saturday, July 16, 2011	22:41	28.60	6.96	24.03	207.63	230.62	23.24	96.70%	97.97%	97.04%	95.06%	3	1	4.795	3.66	2.048
25923	Saturday, July 16, 2011	21:47	28.16	6.59	23.91	185.15	208.10	23.20	97.02%	97.94%	97.02%	95.02%	3	1	4.71	3.359	2.066
25922	Saturday, July 16, 2011	20:53	27.96	6.58	23.80	162.77	185.50	22.88	96.11%	97.59%	99.42%	97.02%	3	1	4.808	3.678	2.042
25921	Saturday, July 16, 2011	19:58	25.08	5.99	21.45	142.51	163.06	20.74	96.69%	97.42%	97.12%	94.61%	3	1	4.569	3.386	2.022
25920	Saturday, July 16, 2011	19:09	25.50	6.00	21.84	121.69	142.71	21.14	96.78%	97.52%	98.86%	96.41%	3	1	4.741	3.466	2.053
25919	Saturday, July 16, 2011	18:20	26.77	6.34	22.80	100.02	121.89	21.99	96.44%	98.11%	96.18%	94.36%	3	1	4.833	3.667	2.051
25918	Saturday, July 16, 2011	17:29	27.73	6.41	23.69	77.70	100.27	22.69	95.75%	97.31%	97.26%	94.64%	3	1	4.844	3.568	2.004
25917	Saturday, July 16, 2011	16:36	53.26	8.38	48.18	33.43	78.30	45.56	94.57%	97.52%	98.08%	95.65%	4	1	6.613	4.85	2.005
25916	Saturday, July 16, 2011	14:37	27.64	6.48	23.56	381.75	403.82	22.73	96.45%	98.54%	97.70%	96.27%	3	1	4.891	3.641	2.036
25915	Saturday, July 16, 2011	13:42	25.76	6.14	22.05	363.41	384.09	21.20	96.19%	99.88%	98.04%	97.92%	3	1	4.431	3.33	2.047

25914	Saturday, July 16, 2011	12:54	27.74	6.77	23.39	343.16	365.11	22.42	95.82%	98.70%	97.38%	96.11%	3	1	4.933	3.758	2.05
25913	Saturday, July 16, 2011	12:01	26.28	6.41	22.30	323.47	344.52	21.46	96.21%	97.60%	98.29%	95.93%	3	1	4.399	3.288	2.041
25912	Saturday, July 16, 2011	11:12	28.93	6.95	24.35	301.53	324.68	23.52	96.59%	98.72%	97.43%	96.19%	3	1	4.762	3.468	2.018
25911	Saturday, July 16, 2011	10:16	26.48	6.40	22.50	281.33	302.63	21.60	96.00%	97.48%	97.55%	95.09%	3	1	4.727	3.361	2.045
25910	Saturday, July 16, 2011	9:26	26.03	6.22	22.19	261.19	282.26	21.40	96.46%	97.33%	98.21%	95.59%	3	1	4.637	3.304	2.04
25909	Saturday, July 16, 2011	8:36	26.14	6.24	22.26	240.88	261.95	21.35	95.89%	98.68%	98.16%	96.87%	3	1	4.423	3.384	2.051
25908	Saturday, July 16, 2011	7:48	27.51	6.69	23.27	219.33	241.45	22.33	95.96%	97.72%	96.59%	94.39%	3	1	4.478	3.495	2.043
25907	Saturday, July 16, 2011	6:56	28.01	6.76	23.70	197.52	219.85	22.61	95.39%	97.16%	97.68%	94.90%	3	1	4.401	3.124	2.022
25906	Saturday, July 16, 2011	6:03	27.47	6.79	23.16	175.79	197.95	22.31	96.33%	97.10%	98.59%	95.73%	3	1	4.153	3.289	2.052
25905	Saturday, July 16, 2011	5:12	29.99	7.13	25.32	151.95	176.10	24.38	96.30%	98.47%	99.68%	98.16%	3	1	4.428	3.608	2.037
25904	Saturday, July 16, 2011	4:16	30.51	7.47	25.45	127.82	152.22	24.56	96.49%	98.87%	98.44%	97.33%	3	1	4.946	3.691	2.026
25903	Saturday, July 16, 2011	3:20	30.94	7.66	25.70	103.50	128.08	24.78	96.41%	98.37%	99.03%	97.41%	3	1	4.605	3.533	2.006
25902	Saturday, July 16, 2011	2:22	29.20	7.01	24.61	80.26	103.80	23.74	96.50%	99.10%	97.98%	97.10%	3	1	4.493	3.266	2.026
25901	Saturday, July 16, 2011	1:21	83.97	8.22	81.06	6.69	80.86	75.73	93.42%	96.11%	96.59%	92.84%	6	1	6.661	4.634	1.93
25900	Friday, July 15, 2011	22:03	28.90	7.04	24.28	378.01	400.80	23.38	96.27%	98.13%	96.88%	95.07%	3	1	4.572	3.484	2.018
25899	Friday, July 15, 2011	21:10	28.30	6.99	23.77	357.44	379.83	22.87	96.20%	97.56%	97.49%	95.11%	3	1	4.417	3.476	2.021
25898	Friday, July 15, 2011	20:17	27.22	6.77	22.99	337.31	359.07	22.17	96.40%	97.90%	97.92%	95.86%	3	1	4.469	3.377	2.054
25896	Friday, July 15, 2011	19:26	33.37	8.13	27.60	312.42	338.67	26.64	96.52%	98.47%	97.95%	96.46%	3	1	4.946	3.606	2.021
25895	Friday, July 15, 2011	18:20	26.37	6.26	22.48	292.35	313.79	21.72	96.61%	96.36%	96.55%	93.04%	3	1	4.582	3.412	2.036
25893	Friday, July 15, 2011	17:29	26.08	6.27	22.19	272.06	293.20	21.42	96.53%	97.90%	99.38%	97.30%	3	1	4.301	3.302	2.039
25892	Friday, July 15, 2011	16:39	27.03	6.47	23.29	250.42	272.70	22.53	96.75%	98.05%	97.00%	95.12%	3	1	4.592	3.272	2.014
25890	Friday, July 15, 2011	15:47	29.00	6.74	25.01	227.03	250.96	24.18	96.68%	98.00%	97.05%	95.11%	3	1	4.634	3.413	2.027
25889	Friday, July 15, 2011	14:09	30.51	7.09	26.12	203.04	227.81	25.04	95.84%	97.32%	96.99%	94.39%	3	1	4.644	3.702	1.974
25888	Friday, July 15, 2011	13:04	27.39	6.47	23.64	180.80	203.49	22.84	96.63%	98.59%	99.09%	97.69%	3	1	4.543	3.267	2.042
25887	Friday, July 15, 2011	12:04	27.37	6.44	23.73	158.47	181.15	22.90	96.50%	98.57%	99.02%	97.60%	3	1	4.661	3.407	2.046
25886	Friday, July 15, 2011	11:10	26.85	6.28	23.20	136.49	158.75	22.47	96.84%	98.19%	97.64%	95.87%	3	1	4.279	3.059	2.022
25885	Friday, July 15, 2011	10:18	27.90	6.74	23.77	113.92	136.69	22.93	96.45%	98.86%	98.12%	97.00%	3	1	4.564	3.258	2.021
25884	Friday, July 15, 2011	9:27	34.03	7.85	28.72	86.93	114.19	27.47	95.66%	98.16%	97.29%	95.51%	3	1	5.343	4.066	2.028
25883	Friday, July 15, 2011	8:19	29.08	6.86	24.61	63.58	87.16	23.69	96.26%	98.59%	97.93%	96.55%	3	1	4.721	3.286	2.016



D:V730 misbehaving



A:V504 behaving a bit better