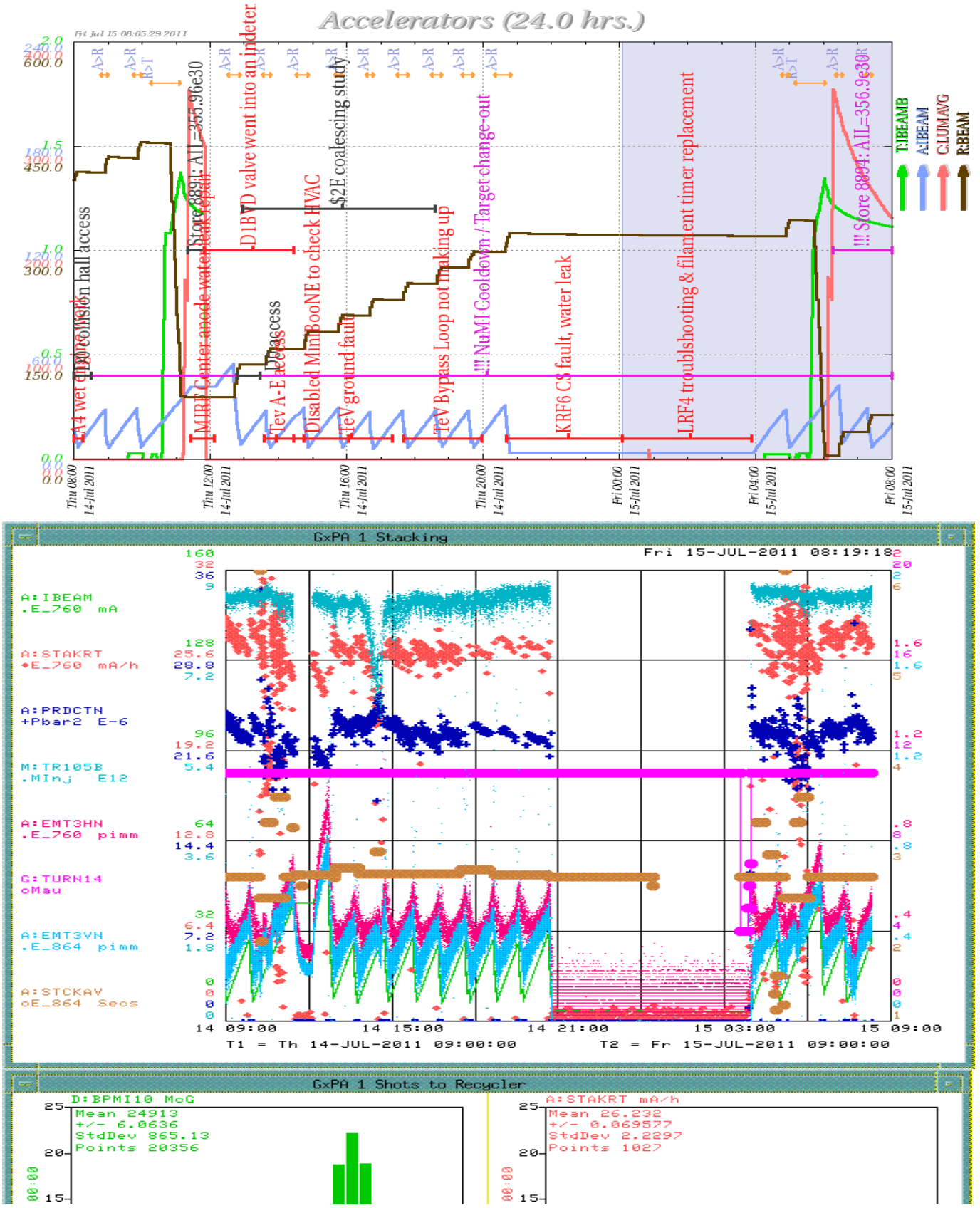
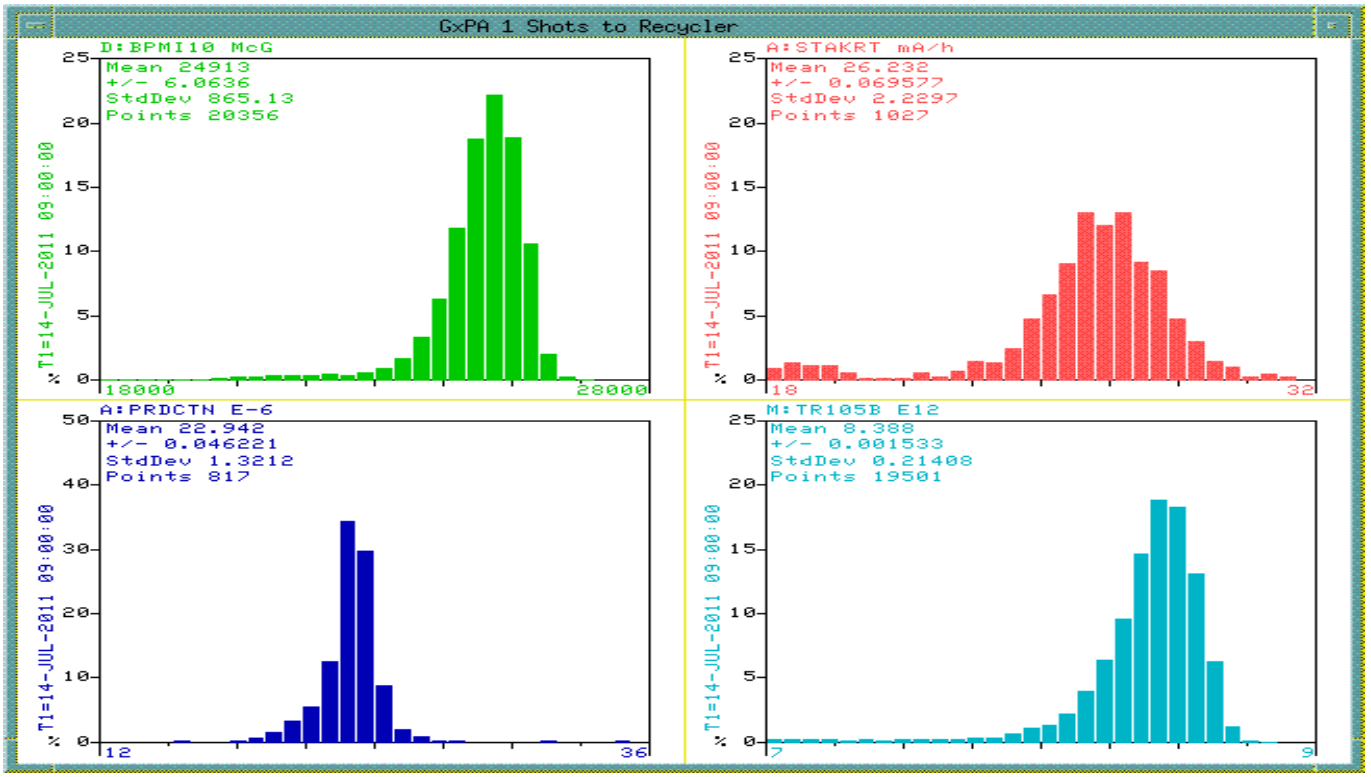
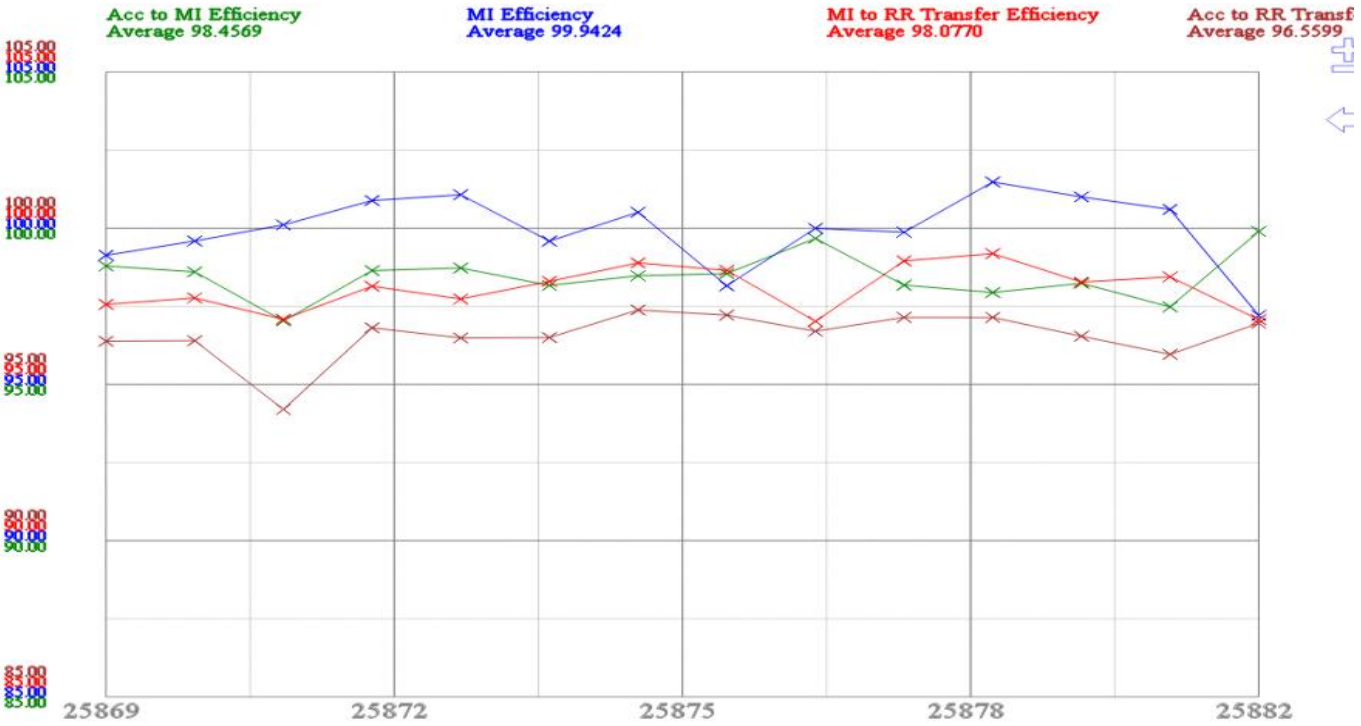
2011-07-15 Friday Morning Notes

Friday, July 15, 2011
7:43 AM

Plots




GxPA 1 Shots to Recycler
D:BPMI10 McG
Mean 24913
+/- 6.0636
StdDev 865.13
Points 20356
A:STAKRT mA/h
Mean 26.232
+/- 0.069577
StdDev 2.2297
Points 1027
A:PRDCTN E-6
Mean 22.942
+/- 0.046221
StdDev 1.3212
Points 817
M:TR105B E12
Mean 8.388
+/- 0.001533
StdDev 0.21408
Points 19501
T1=14-JUL-2011 09:00:00


Acc to MI Efficiency
Average 98.4569
MI Efficiency
Average 99.9424
MI to RR Transfer Efficiency
Average 98.0770
Acc to RR Transf
Average 96.5599
25869
25872
25875
25878
25882

Column 1 Number_0_Pbar Transfer Shot #	Column 4 Number_3_Transfer Time		Column 21 Number_20_A:IBEAMB sampled on $91 (A:BEAM7), E10	Column 22 Number_21_A:IBEAMB 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 =>				390.18			375.35	96.20%	98.25%	98.11%	96.39%	43	14	4.9031	3.5895	2.0116
	Daily Average =>				390.18			375.35					43	14			
25882	Friday, July 15, 2011	7:18	30.09	6.81	25.67	39.14	63.82	24.84	96.76%	99.45%	97.48%	96.94%	3	1	4.789	3.431	2.004
25881	Friday, July 15, 2011	6:27	42.89	9.56	35.60	5.77	39.49	34.08	95.72%	97.46%	97.69%	95.21%	3	1	6.071	4.597	1.97
25880	Friday, July 15, 2011	4:53	28.86	6.61	24.68	320.69	344.28	23.84	96.59%	98.28%	99.03%	97.32%	3	1	4.82	3.621	2.045
25879	Thursday, July 14, 2011	20:39	31.73	3.94	28.45	298.09	325.30	27.60	97.01%	98.04%	98.55%	96.62%	3	1	3.601	2.585	1.952
25878	Thursday, July 14, 2011	19:35	28.33	6.95	24.66	275.56	299.15	23.95	97.12%	98.24%	98.03%	96.31%	3	1	4.68	3.408	2.025
25877	Thursday, July 14, 2011	18:39	28.91	7.16	25.10	252.51	276.43	24.24	96.56%	99.53%	99.33%	98.87%	3	1	4.939	3.396	2.011
25876	Thursday, July 14, 2011	17:39	28.51	6.64	25.06	229.23	253.27	24.35	97.20%	98.66%	97.19%	95.89%	3	1	4.463	3.569	2.022
25875	Thursday, July 14, 2011	16:40	27.32	6.12	23.83	206.95	229.89	23.21	97.40%	98.59%	98.14%	96.75%	3	1	4.151	3.249	2.013
25874	Thursday, July 14, 2011	15:46	30.15	6.95	25.92	182.96	207.60	24.95	96.28%	98.03%	98.41%	96.47%	3	1	4.87	3.406	2.02
25873	Thursday, July 14, 2011	14:45	30.12	6.93	25.85	158.93	183.52	24.88	96.24%	98.53%	99.29%	97.83%	3	1	5.044	3.603	2.027
25872	Thursday, July 14, 2011	13:38	28.14	6.51	24.44	136.07	159.47	23.62	96.65%	98.61%	99.08%	97.70%	3	1	4.723	3.331	2.019
25871	Thursday, July 14, 2011	12:42	55.23	8.12	51.14	89.80	136.70	47.75	93.37%	96.51%	96.33%	92.97%	4	1	7.032	5.199	1.977
25870	Thursday, July 14, 2011	9:52	29.72	6.85	25.25	432.86	456.50	24.37	96.51%	98.88%	98.51%	97.40%	3	1	4.575	3.358	2.04
25869	Thursday, July 14, 2011	8:54	28.75	6.56	24.53	412.20	435.37	23.67	96.49%	98.80%	98.50%	97.32%	3	1	4.886	3.5	2.037

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	Totals =>				303.44			293.52	96.73%	98.63%	98.46%	97.11%	36	12	4.6284	3.3714	2.0179
	Daily Average =>				303.44			293.52					36	12			
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