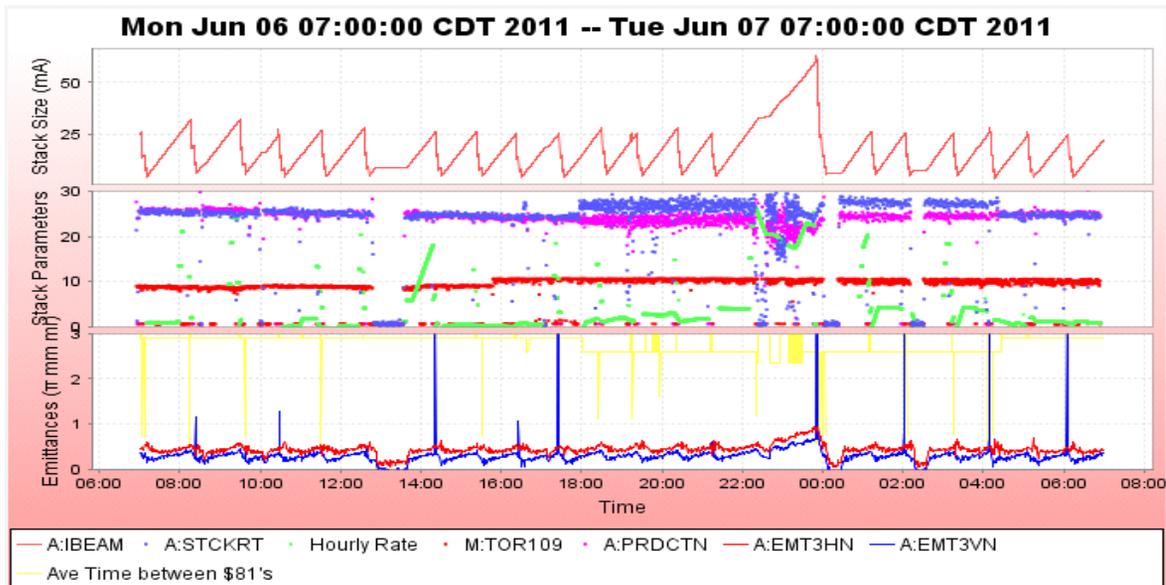
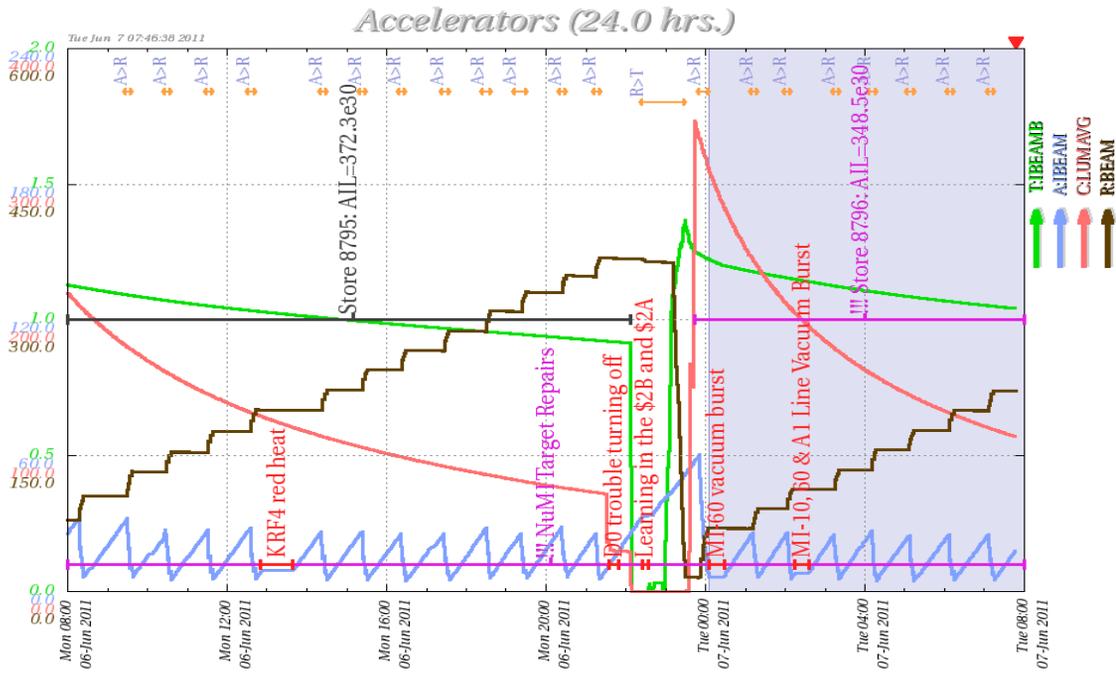


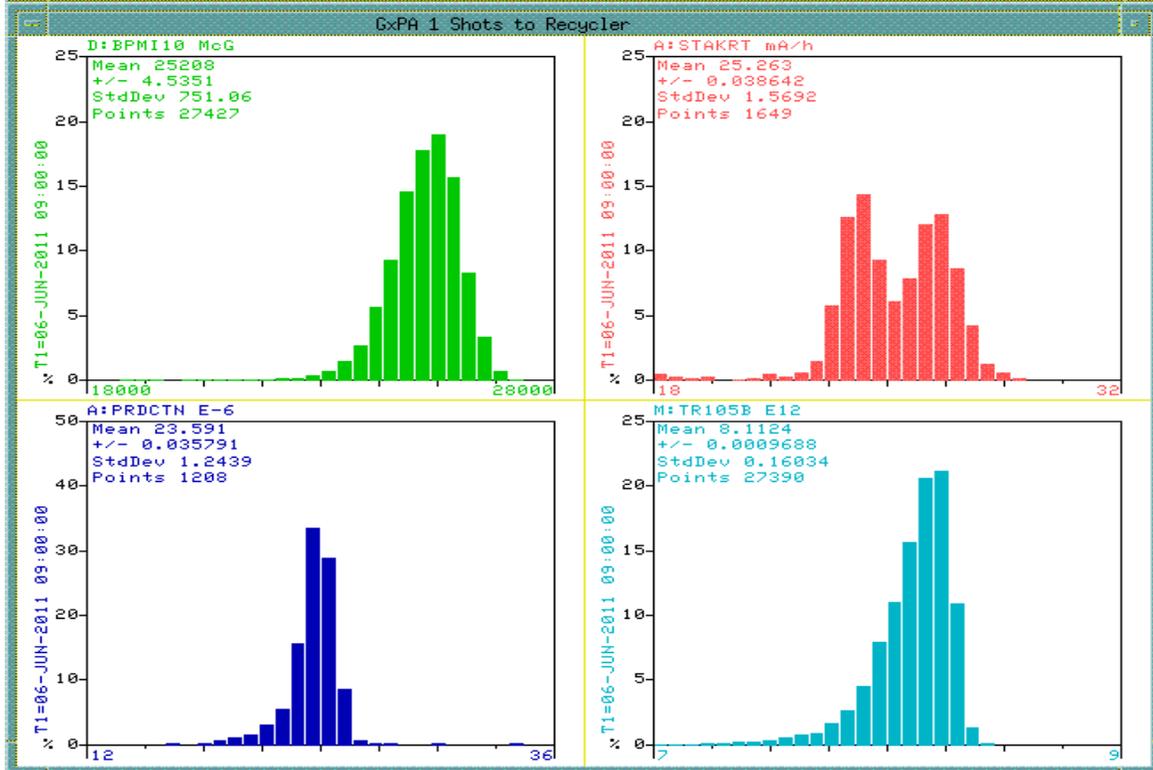
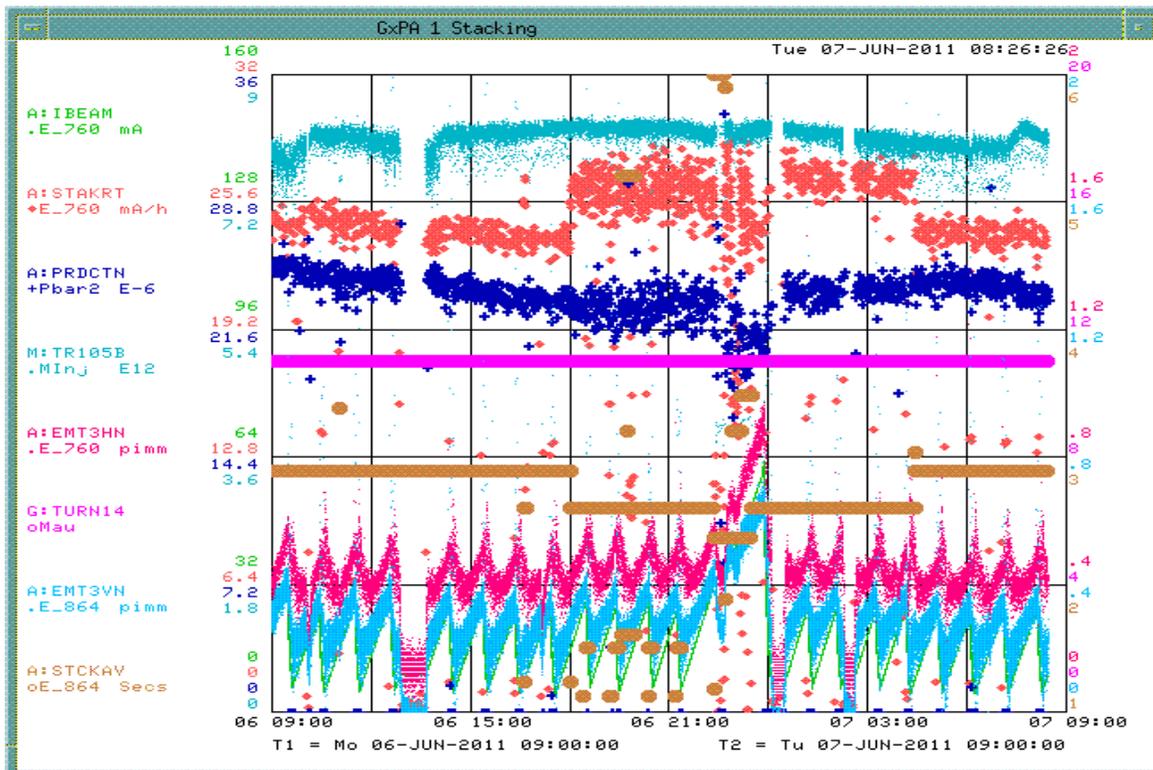
# 2011-06-07 Tuesday Morning Notes

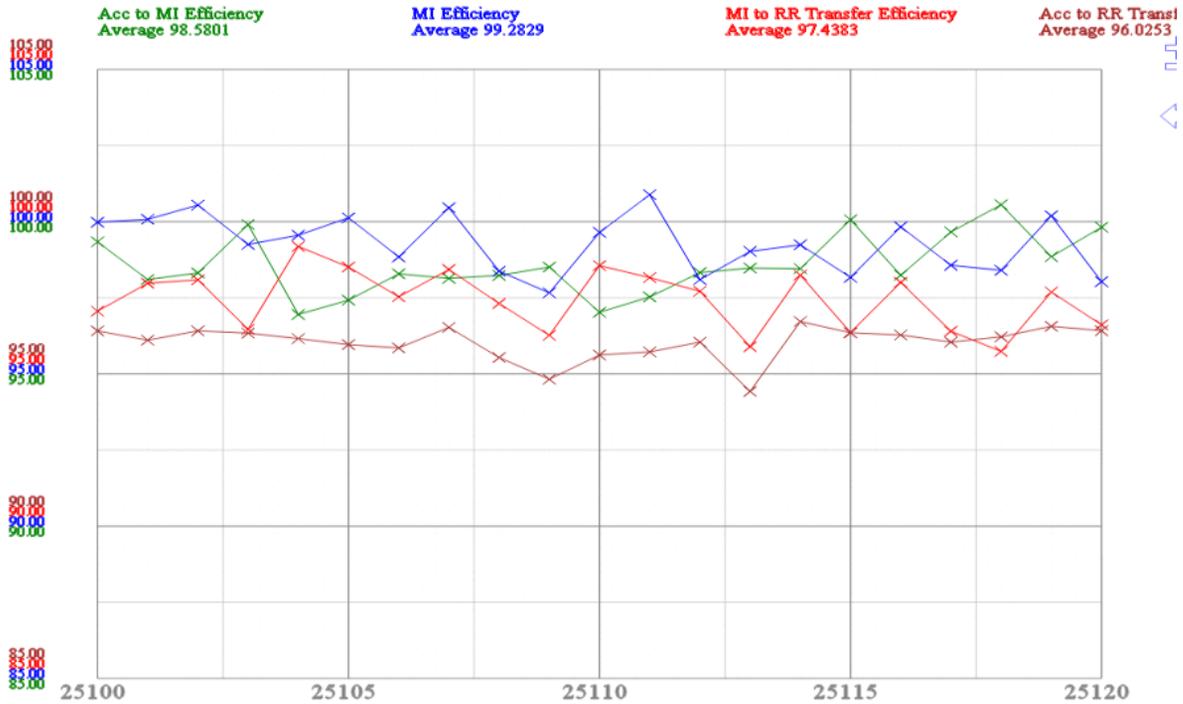
Tuesday, June 07, 2011

7:47 AM

## Plots







Column 1 Number _0_Pbar Transfer Shot #	Column 4 Number_3 _Transfer Time	Column 21 Number _20_A1 BEAMB sampled on \$91 (A:BEA M7), E10	Column 22 Number _21_A1 BEAMB sampled on \$94 (A:BEA M9), E10	Unstacked (mA)	Column 23 Number _22_R.B EAMS (R:BEA ME0[0]) pre after E10	Column 24 Number _23_R.B EAM (R:BEA ME0[1]) post after E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Trans fers	Sets	Column 5 Number_ 4_Acc Horizontal Emittance	Column 6 Number_ 5_Acc Vertical Emittance	Column 8 Number _7_Acc Longitudinal Emittance	
<b>Totals =&gt;</b>				539.16		516.86	95.86%	98.36%	97.85%	96.24%	65	21	4.4967	2.9049	1.9835		
<b>Daily Average =&gt;</b>				539.16		516.86					65	21					
25120	Tuesday, June 07, 2011	7:06	25.58	4.90	23.08	199.75	221.82	22.31	96.65%	99.78%	98.31%	98.09%	3	1	4.295	2.575	1.998
25119	Tuesday, June 07, 2011	6:07	25.42	4.89	22.96	178.11	200.15	22.20	96.70%	98.92%	98.79%	97.72%	3	1	4.244	2.779	1.988
25118	Tuesday, June 07, 2011	5:07	25.02	4.83	22.60	156.83	178.46	21.77	96.31%	99.87%	98.49%	98.36%	3	1	4.15	2.832	1.981
25117	Tuesday, June 07, 2011	4:10	26.81	4.49	23.79	134.31	157.10	22.88	96.18%	99.55%	98.65%	98.21%	3	1	3.676	2.493	1.98
25116	Tuesday, June 07, 2011	3:15	25.81	5.62	22.50	112.97	134.52	21.69	96.40%	98.37%	97.97%	96.38%	3	1	4.388	2.856	1.99
25115	Tuesday, June 07, 2011	2:03	26.13	5.81	22.69	91.52	113.26	21.86	96.35%	99.22%	98.32%	97.55%	3	1	4.558	2.879	1.997
25114	Tuesday, June 07, 2011	1:12	26.53	5.96	22.88	69.70	91.69	22.13	96.74%	98.84%	98.25%	97.11%	3	1	4.344	2.881	2.027
25113	Monday, June 06, 2011	23:52	60.97	6.21	59.18	15.53	70.31	55.50	93.77%	97.89%	97.08%	95.03%	5	1	6.218	4.234	1.959
25112	Monday, June 06, 2011	21:14	25.77	5.53	22.52	347.90	369.11	21.64	96.07%	97.84%	96.56%	94.48%	3	1	4.573	3.013	1.985
25111	Monday, June 06, 2011	20:24	28.63	6.14	24.74	330.03	349.92	23.71	95.87%	97.17%	98.00%	95.23%	3	1	4.808	3.256	2
25110	Monday, June 06, 2011	19:23	26.10	5.42	22.90	309.38	331.00	21.89	95.60%	96.99%	96.81%	93.89%	3	1	4.77	2.888	1.972
25109	Monday, June 06, 2011	18:30	28.37	6.16	24.48	287.26	310.19	23.17	94.63%	98.25%	96.22%	94.54%	3	1	4.839	2.909	1.964
25108	Monday, June 06, 2011	17:26	25.82	4.83	23.42	265.93	288.06	22.39	95.60%	98.46%	97.41%	95.91%	3	1	4.373	2.66	1.97
25107	Monday, June 06, 2011	16:22	25.68	4.82	23.28	244.64	266.83	22.43	96.37%	97.56%	97.91%	95.51%	3	1	4.454	2.774	1.984
25106	Monday, June 06, 2011	15:23	26.88	5.23	24.12	222.45	245.31	23.11	95.82%	97.91%	97.42%	95.38%	3	1	4.4	2.913	1.983
25105	Monday, June 06, 2011	14:22	26.90	5.25	24.10	200.06	222.99	23.13	96.00%	97.70%	97.86%	95.61%	3	1	4.456	2.837	1.968
25104	Monday, June 06, 2011	12:35	28.42	5.52	25.32	176.79	200.91	24.36	96.21%	97.09%	96.79%	93.97%	3	1	4.594	2.995	1.991
25103	Monday, June 06, 2011	11:31	27.52	5.35	24.65	153.76	177.28	23.70	96.17%	99.33%	98.86%	98.20%	3	1	4.339	2.861	1.995
25102	Monday, June 06, 2011	10:28	25.40	5.06	22.85	132.24	154.14	22.05	96.47%	98.23%	98.77%	97.02%	3	1	4.325	2.699	1.99
25101	Monday, June 06, 2011	9:30	32.44	6.37	28.54	105.45	132.65	27.42	96.06%	98.12%	98.38%	96.53%	3	1	4.528	2.894	1.965
25100	Monday, June 06, 2011	8:17	32.68	6.62	28.56	78.40	105.77	27.53	96.36%	99.19%	98.95%	98.15%	3	1	4.098	2.774	1.967

Column 1 Number _0_Pbar Transfer Shot #	Column 4 Number_3 Transfer Time	Column 21 Number _20_A-I BEAMB sampled on #91 (A-BEA M7), E10	Column 22 Number _21_A-I BEAMB sampled on #94 (A-BEA M9), E10	Unstacked (mA)	Column 23 Number _22_R-B EAMS (R-BEA ME0(I)) post sfer, E10	Column 24 Number _23_R-B EAM (R-BEA ME0(I)) post sfer, E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Trans fers	Sets	Column 5 Number_4 Acc Horizont al Emittanc e	Column 6 Number_5 Acc Vertical Emittanc e	Column 8 Number_7 Acc Longitu dinal Emittanc e	
<b>Totals =&gt;</b>				479.98		461.37	96.12%	98.41%	97.95%	96.39%	60	20	4.4106	2.8384	1.9848		
<b>Daily Average =&gt;</b>				479.98		461.37					60	20					
25120	Tuesday, June 07, 2011	7:06	25.58	4.90	23.08	199.75	221.82	22.31	96.65%	99.78%	98.31%	98.09%	3	1	4.295	2.575	1.998
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25116	Tuesday, June 07, 2011	3:15	25.81	5.62	22.50	112.97	134.52	21.69	96.40%	98.37%	97.97%	96.38%	3	1	4.388	2.856	1.99
25115	Tuesday, June 07, 2011	2:03	26.13	5.81	22.69	91.52	113.26	21.86	96.35%	99.22%	98.32%	97.55%	3	1	4.558	2.879	1.997
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25106	Monday, June 06, 2011	15:23	26.88	5.23	24.12	222.45	245.31	23.11	95.82%	97.91%	97.42%	95.38%	3	1	4.4	2.913	1.983
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