

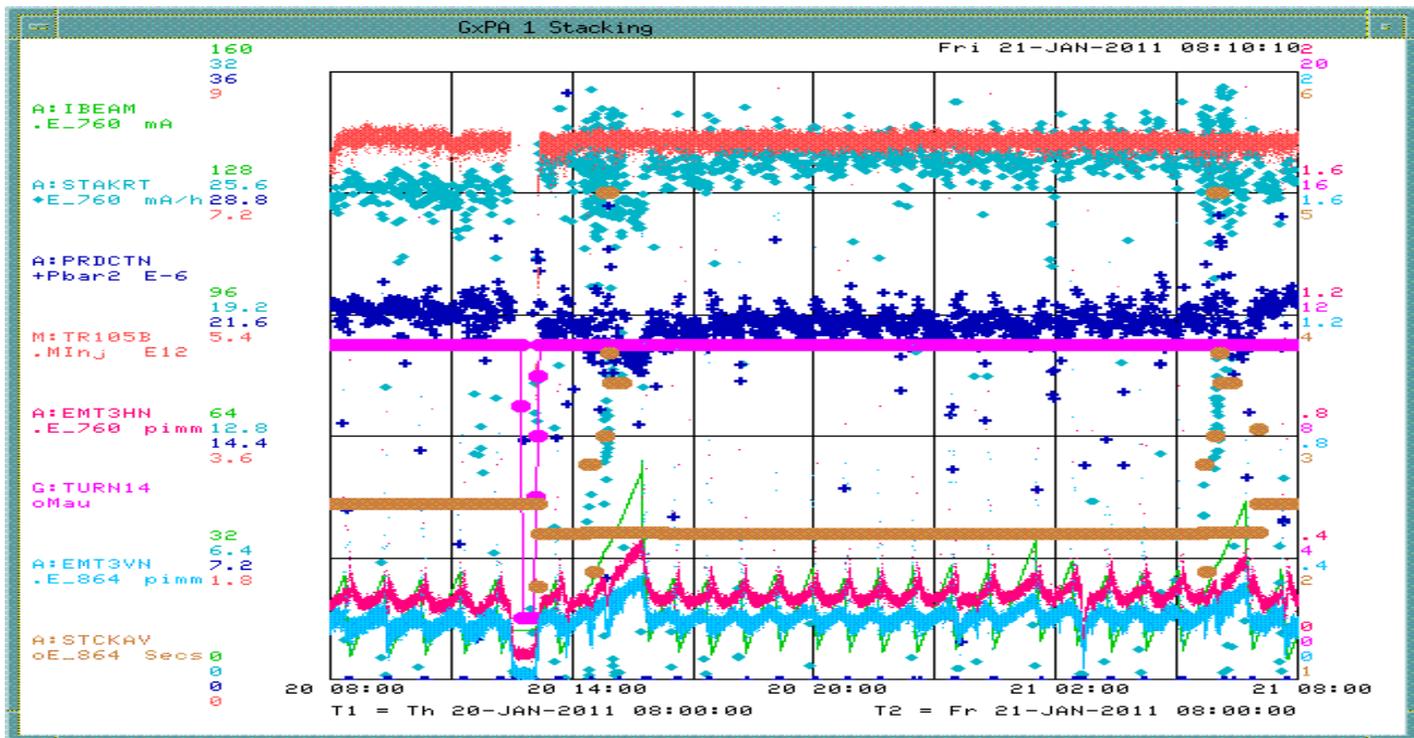
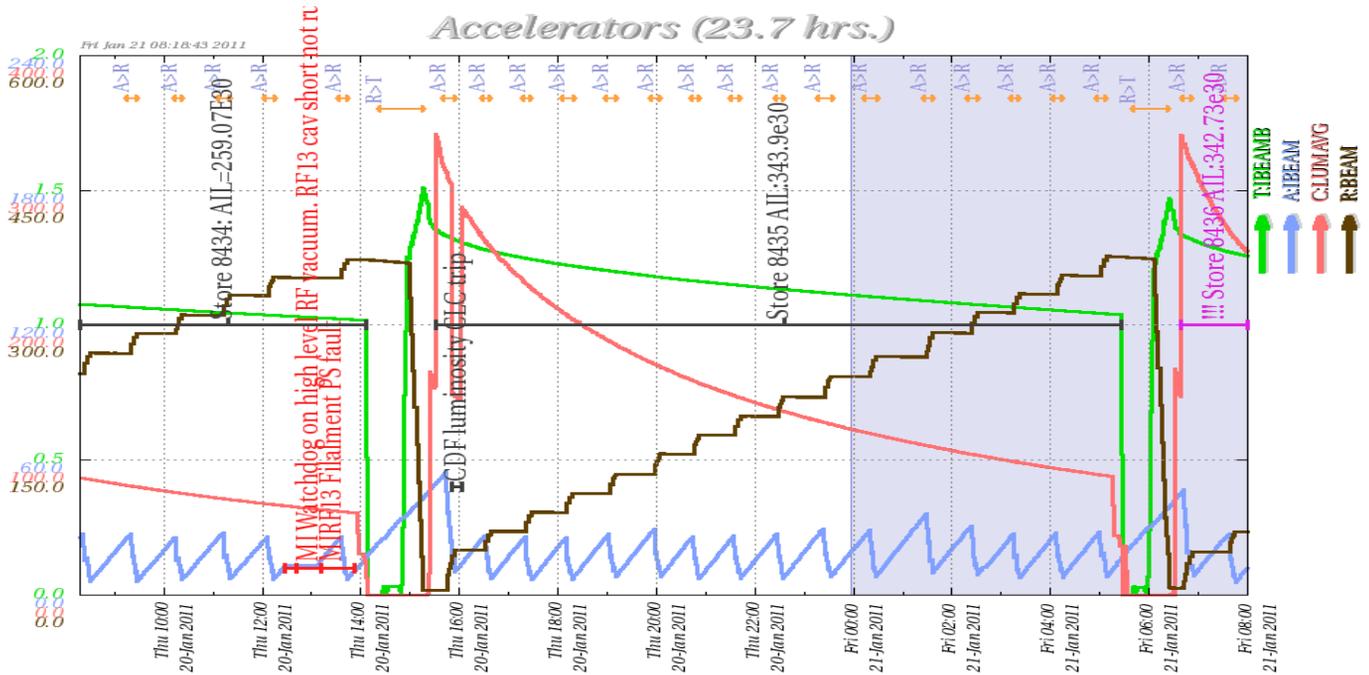
2011-01-21 Friday Morning Notes

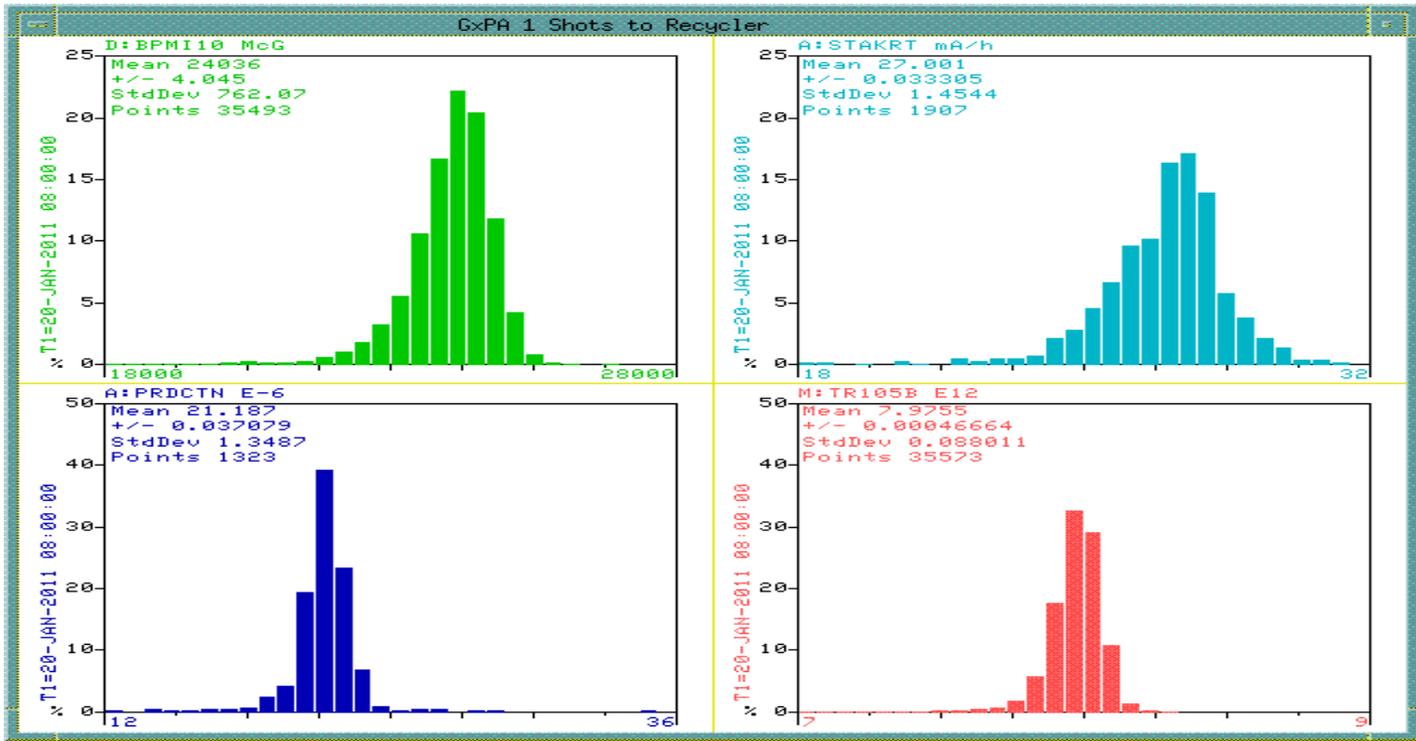
Friday, January 21, 2011
8:14 AM

Stacking and Transfers

Numbers

Plots





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: BEAMS (R-BEA ME0[0]) pre xfer E10	Column 24 Number_23_R: BEAM (R-BEA ME0[1]) post xfer, 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	
Totals =>				583.71			556.88	95.40%	96.92%	97.22%	94.22%	71	23	2.7268	1.9077	1.9673	
Daily Average =>				583.71			556.88					71	23				
22858	Friday, January 21, 2011	8:36	27.39	7.01	23.07	70.39	92.27	22.16	96.05%	96.96%	96.92%	93.97%	3	1	2.619	1.937	1.984
22857	Friday, January 21, 2011	7:37	27.28	5.31	23.91	47.69	70.54	23.06	96.46%	97.24%	97.91%	95.21%	3	1	2.449	1.458	1.926
22856	Friday, January 21, 2011	6:42	46.94	7.83	42.90	7.92	47.95	40.66	94.78%	97.94%	98.41%	96.38%	4	1	3.1	2.132	1.923
22855	Friday, January 21, 2011	5:01	28.75	7.64	23.87	354.84	377.00	22.70	95.10%	96.03%	95.66%	91.87%	3	1	2.754	1.877	1.973
22854	Friday, January 21, 2011	4:07	27.85	7.63	22.99	334.35	355.93	22.00	95.67%	97.59%	95.67%	93.37%	3	1	2.833	1.96	1.98
22853	Friday, January 21, 2011	3:15	27.32	7.28	22.84	313.84	335.23	21.76	95.25%	98.20%	97.80%	96.04%	3	1	2.815	1.911	1.968
22852	Friday, January 21, 2011	2:24	31.16	9.09	24.91	291.30	314.70	23.80	95.54%	96.14%	95.97%	92.27%	3	1	2.979	2.075	1.968
22851	Friday, January 21, 2011	1:29	36.49	9.84	29.38	264.63	292.13	27.83	94.73%	97.26%	96.75%	94.10%	3	1	2.885	2.077	1.947
22850	Friday, January 21, 2011	0:20	29.27	8.08	23.98	242.88	265.39	22.73	94.79%	96.25%	95.82%	92.23%	3	1	2.813	2.008	1.989
22849	Thursday, January 20, 2011	23:24	30.07	7.78	25.06	219.95	243.42	23.83	95.11%	97.32%	96.83%	94.24%	3	1	2.775	1.866	1.975
22848	Thursday, January 20, 2011	22:27	27.61	7.24	23.16	198.64	220.38	21.97	94.86%	96.37%	98.48%	94.90%	3	1	2.688	1.901	1.977
22847	Thursday, January 20, 2011	21:35	26.86	6.93	22.64	177.61	199.04	21.72	95.92%	97.71%	98.72%	96.47%	3	1	2.678	1.912	1.975
22846	Thursday, January 20, 2011	20:45	26.52	7.05	22.26	156.92	177.94	21.34	95.89%	96.25%	95.45%	91.87%	3	1	2.679	1.829	1.976
22845	Thursday, January 20, 2011	19:57	29.29	7.69	24.34	134.19	157.23	23.27	95.63%	96.38%	96.96%	93.44%	3	1	2.783	1.999	1.974
22844	Thursday, January 20, 2011	19:03	27.67	7.43	23.04	112.61	134.49	22.08	95.83%	96.34%	97.31%	93.76%	3	1	2.679	1.897	1.984
22843	Thursday, January 20, 2011	18:10	25.99	6.83	21.91	92.05	112.80	20.95	95.62%	95.98%	97.30%	93.39%	3	1	2.609	1.872	1.988
22842	Thursday, January 20, 2011	17:20	26.06	6.23	22.46	70.88	92.21	21.51	95.77%	97.12%	96.84%	94.06%	3	1	2.514	1.677	1.931
22841	Thursday, January 20, 2011	16:31	26.52	6.97	22.23	49.78	71.03	21.44	96.44%	97.18%	97.59%	94.84%	3	1	2.855	1.892	1.975
22840	Thursday, January 20, 2011	15:44	54.81	10.05	48.59	5.05	49.97	45.68	94.02%	96.53%	97.02%	93.66%	4	1	3.325	2.356	1.917
22839	Thursday, January 20, 2011	13:36	26.00	6.57	22.09	352.51	373.42	21.28	96.33%	97.28%	96.22%	93.61%	3	1	2.503	1.732	1.959
22838	Thursday, January 20, 2011	12:06	26.12	6.85	21.91	333.05	353.63	20.80	94.93%	96.14%	99.22%	95.39%	3	1	2.505	1.891	1.995
22837	Thursday, January 20, 2011	11:13	28.18	6.91	23.92	311.09	333.53	22.86	95.56%	96.19%	98.20%	94.46%	3	1	2.575	1.764	1.967
22836	Thursday, January 20, 2011	10:15	26.23	6.57	22.27	290.67	311.80	21.46	96.37%	98.38%	98.52%	96.93%	3	1	2.501	1.855	1.997