

Machine Studies

Schedule for Run02-7, 2011

July 12th 0800 – July 13th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, July 12, 2011			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0900-0930	Recover S11 monopulse BPMs -- will require		
0930-1030	Swap the video converter on the linac gun oscilloscope.	Pietryla	Stored Beam & Injection
0930-1030	Replace SCU modules in B:BPM IOCs	Erwin	Stored Beam & Injection
0930-1030	Examine Storage Ring Sector 7 Absorber PLC serial interface.	Stevens	No Beam
0930-1200	Investigate and correct L5 down-converter reference fault (availability of injection may be briefly interrupted, loss of L5 phase readbacks)	Horan	No impact to SR
0930-1030	Diagnose problem with Booster P0 signal from ICR to A014 (may replace fiber fan-out module in IOCinjtime -- no reboot or power cyle)	Laird	No Beam
0930-1130	Troubleshoot Johnson controls problem	Putnam	No Beam
0930-1130	Upgrade memory on ctlapps3l	Smith/ IT	No Beam
0930-1130	Investigate S:IK4 DAC clamping issue	Puttkammer	No Beam
0930-1130	Test S23 canted undulator correctors	Puttkammer	No Beam
1000-1200	Troubleshoot 1 BM SS1 No Switch	SI group	Access Zone A
1000-1200	Troubleshoot 32IDSS1 No Switch	SI group	Access Zone E
1100-1200	Set-up SR RF 360Hz AM and PM noise suppression studies	Berenc	No Beam
1200-1400	Set-up RF Gun 1	Pasky	Occ. injection

1200-1300	Searches & Recover from access	OPS	No beam
1300-1400	Perform SR RF 360Hz AM and PM noise suppression studies	Berenc/Lill/Yang/Sereno	Stored beam & Occ. inj.
1400-1500	Restore RF systems after noise suppression studies	Berenc	No beam
1400-1500	PAR console test	Mazzio/Pasky	Limited injection
1500-1800	Slow beam dump	Chae, Yao	Stored beam & injection
1800-2000	measure close-loop tunes with different FIRs and gains (24 singlets or single bunch)	Yao	Stored beam
2000-2400	Orbit switch to 324 singlets	Xiao	Stored beam & injection
Wednesday, July 13, 2011			
0000-0400	Install P5 offsets	Sajaev	Stored beam & inj
0400-0630	work on injection optimization automation	Sajaev	Stored beam & inj.
0630-0800	Prepare for User beam (324 singlets)	OPS	Stored Beam & Injection