

Machine Studies

Schedule for Run02-7, 2007

July 10th 0800 – July 11th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, 7/10/07			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Investigate S21C:BM:PS problem	PS Group	No beam
0810-1000	Replace 2 Z-line power strips in Rack 03-02	Controls Group	No beam
0810-1000	Further investigate PAR RF problems which occurred on 7/6	RF Group	No injection
0810-0900	Investigate RF2 13.2kV metering problem	RF Group	No beam
0810-1000	Replace PSCU Bitbus and/or fiber repeater card in S25 P.S. Cabinet #2	PS Group	No beam
0810-1000	Test canted undulator corrector P.S. limit	PS Group	No beam
0900-1000	Correct RF2 phase loop unlocking after beam loss	RF Group	No beam
1000-1100	Verify changes to RF2 phase loop	RF Group	Stored beam & Inj.
1100-1300	Switch rms calculation from P1 to P0 for operations	Singh/ Lenkszus/ Shang/Emery	Stored beam & Inj.
1300-1400	Try to reproduce the FB block not working	Lenkszus/ Emery	Stored beam & Inj.
1400-1700	CPU normal quad and skew quad correction in AC mode (possibly with 23-ID)	Emery	Stored beam
1700-2000	Reference lattice with new sextupole beam offsets	Emery	Stored beam & inj.
2000-2200	Multibunch instabilities	Harkay	Stored beam & injection

2200-2400	Perform tune vs. current scan	Sajaev	Stored beam & Inj.
Wednesday, 7/11/07			
0000-0130	Perform tune vs. current scan	Sajaev	Stored beam & inj.
0130-0500	Test rf deflection lattice	Sajaev/Emery	Stored beam & Inj.
0500-0700	Benchmark S4 and S12 Cerenkov detectors for beam losses	Dooling/ Emery	Stored beam & Inj.
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection