

Machine Studies

Schedule for Run1-5,2002

02/18, 0800 to 02/20,16000

Time	Descriptions	Studiers	SRStatus
Monday, 02/18/02			
0800-1600	Troubleshooting L2 communication	Pasky	Stored beam, no injection
0800-1200	CPU AC mode tuning	Vasserman Emery Sereno	Stored beam, no injection
0800-1000	Access to PAR to investigate PAR RF cavity	Smith	Stored beam, no injection
1000-1200	Thermal imaging of PAR septum capacitor banks.	PS group	Stored beam, no injection
1200-1600	Continue verifying SR corrector 'feed-forward' checkout in zone B and C (no tunnel access)	Carwardine Hillman	no beam
1200-1400	Control access to Zone-A to replace dosimeter on 3ID devices, HP and PFS support required	Petra	no beam
1200-1600	Fix SR corrector reservoir capacitor crimp connections in zone B (no tunnel access)	PS group	no beam
1200-1600	Fix noisy readbacks in S18B:H4	PS group	no beam
1200-1600	Inspect/checkout of S:IK2 kicker power supply for problems that may have caused the lost setpoint	Carwardine	no beam
1200-1600	SR RF work and switch to RF1/RF2	Horan RF group	no beam

Time	Descriptions	Studiers	SRStatus
1530-1600	Establish stored beam	OPS	Stored beam, no injection
1600-2200	BPM work - cogging tests	Decker Singh	Stored beam, no injection
1600-2200	RF gun studies	Borland	Stored beam, no injection
2200-2400	Impedance measurement of small gap ID chamber	Chae Emery	Stored beam and injection
Tuesday, 02/19/02			
0000-0200	Impedance measurement of small gap ID chamber	Chae Emery	Stored beam and injection
0200-0400	SR training	Rivera OPS	Stored beam and injection
0400-0600	Chromaticity for high single bunch current low emittance lattice	Harkay	Stored beam and injection
0600-0800	Study the effect on the beam stability of damping the 60 Hz and 360 Hz AM on the rf voltage with RF1/RF2, switch back to RF2/RF4 after the study	Harkay Horan	Stored beam and injection
0800-1000	Booster/SR training	Shultes OPS	Stored beam and injection
1000-1600	ID Xbpm calibration	Erwin Hahne Singh	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1000-1300	Operator qualification test on linac, injection to SR may be needed.	Hill Pasky	Stored beam and injection
1300-1800	Test new booster by-pass BPM timing system, injection to SR may be needed during the first 3 hours.	Lewellen	Stored beam, no injection
1800-2400	Operations simulation of data pool orbit correction	Emery Shang	Stored beam and injection
1800-2400	remeasure beta function for 35BM source point	Emery	Stored beam and injection
1800-2400	Booster injection controllaw study	Sereno	Stored beam and injection
Wednesday, 02/20/02			
0000-0200	Booster injection controllaw study	Sereno	Stored beam and injection
0200-0600	Single bunch instability imaging with S35 cameras	Harkay Yang	Stored beam and injection
0600-0800	Ready for user beam with Top-Up, low emittance and singlet bunch pattern	OPS Yao	Stored beam and injection
End of Studies			