

Machine Studies

Schedule for Run3-5,2003

October 27th, 0800 - October 29th, 0800

Time	Descriptions	Studios	SRStatus
	Monday, 10/27/03		
0800-0815	Record user orbit.	Singh	Stored beam
0800-1000	Replace SF6 switch.	Pasky	Access Linac
	Reconfigure PAR tune measurement cables.	Gold	Access PAR Booster
	0830-1000. Replace ID radiation monitors.	Petra	Zone A access
	0830-1000. Remove water cooled test BPM stand from sector 32 through 31BM ratchet door.	Putnam	Zone E access
	Add additional PVs to all SR bpm IOC auto saverestore.	Lenkszus	No beam
	Valve interlock tests.	Stein	
	Replace 4 corrector converters.	Wang	
	DSP reboot of the interleaving supplies.	Hillman	
	P:SD and P:Q4 investigation.	Hillman	
	B:IK testing.	Hillman	
	Inspect SR dipole opto cards.	Mcnamara	
	Repair the water leak in L1 and L4.	Dortwegt	
MPS testing for 31ID and 32ID	Behrndt		
1000-1030	Recover after the access and inject 102 mA in 24 bunches	OPS	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1030-1430	Linac PEM testing.	Sereno Borland Pasky	Occasional injection
1030-1400	Beam steering with 14ID user. Parasitic to Linca PEM testing.	Decker Singh FC	Stored beam
1030-1400	BM/ID xbpm alignment. Parasitic to everything.	Hahne	Stored beam
1430-1700	PAR bunch cleaning testing.	Sereno Borland	Occasional injection
1400-1700	Timing scan and 35ID offsets. Parasitic to PAR bunch cleaning.	Singh Decker	Stored beam
1700-2000	Investigate/verify IOC reboot and cogging procedures.	Banks	Stored beam and injection
1700-1900	PAR operator training. Parasitic to procedures verifications.	Shumard	
2000-2400	Response matrix measurements for lattice correction and bpm gain measurements. Lattice adjustment for 112 mA operation.	Sajaev	Stored beam and injection
Tuesday, 10/28/03			
0000-0400	SR beam history injection transient measurements.	Sereno	Stored beam and injection
0400-0800	SR beam dynamics with horizontal and phase kicks.	Harkay Guo	Stored beam and injection
0800-1400	PTB S-band bpm testing and direct injection.	Sereno	No SR beam
0800-1100	Test new DBPLD database software in iocs1bpm and iocs9bpm. Parasitic to PTB bpm testing.	Pietryla Lenkszus	No SR beam
1400-1600	OPS training.	Weyer	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1600-2000	BPM gain installation.	Emery Shang Sajaev	Stored beam and injection
2000-2400	Orbit and DBPLD tests after gain installation.	Singh Erwin	Stored beam and injection
2300-0100	Linac operator training. Parasitic to orbit tests.	Klymowych	
Wednesday, 10/29/03			
0100-0600	Booster vertical injection controllaw studies.	Sereno	No SR beam
0600-0700	Response matrix measurements for gain verification.	Sajaev	Stored beam and injection
0700-0800	Prepare for user run. Topup, 110mA, 24 singlets, cogging.	OPS	Stored beam and injection