

Machine Studies

Schedule for Run1-1,2003

January 23rd, 0800 - January 29th, 0800

Time	Descriptions	Studiers	SRStatus
Thursday, 01/23/03			
0800-2000	RF conditioning, beam from 10mA to 102mA. Injection every hour.	OPS	Stored beam and injection
0800-1200	High-emittance and lower-emittance SR lattice setup. Parasitic to RF conditioning.	Emery Sajaev	Stored beam and injection
1200-2000	SR BPM tests. Parasitic to RF conditioning.	Erwin Hahne	Stored beam and injection
1200-2000	L4 L5 energy gain measurement. Parasitic to RF conditioning and SR BPM tests.	Lewellen	Stored beam and injection
2000-2400	Orbit recovery, high emittance lattice.	Singh Emery	Stored beam and injection
2300-2400	Booster studies. Parasitic to orbit recovery.	Sereno	Stored beam and injection
Friday, 01/24/03			
0000-0700	Booster studies. Parasitic to Xbpm feedforward (continued).	Sereno	Stored beam and injection
0000-0600	Xbpm feedforward.	Decker Singh	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0600-0900	High-emittance and lower-emittance beta function measurements.	Sajaev	Stored beam and injection
0900-1100	35BM pinhole camera setup.	B. Yang	Stored beam and injection
1100-1300	PAR access. PEK4 check.	J. Wang	
1300-1700	Clystron modes switching.	Grelick	
1700-1800	PAR optimization.	CY Yao	
1800-2000	SR RF A/B phase calibration.	CY Yao	Stored beam and injection
2000-2400	High-emittance and lower-emittance beta function corrections.	Sajaev	Stored beam and injection
Saturday, 01/25/03			
0000-0002	OPS training.	OPS	Stored beam and injection
0002-1100	BPM offset measurements	OPS	Stored beam and injection
1100-1300	OPS training.	OPS	Stored beam and injection
1300-2300	Photo Cathode cleaning.	Lewellen	
1300-2100	Booster studies with RF adjustments.	Sereno	Booster beam, no SR beam
2300-2400	OPS training.	OPS	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
Sunday, 01/26/03			
0000-0100	OPS training (continued).	OPS	Stored beam and injection
0100-0700	Available.		Stored beam and injection
0700-1100	Install new nbbpms.	Singh Sun	Stored beam and injection
1100-1300	OPS training.	OPS	Stored beam and injection
1300-1800	Photo Cathode cleaning. Parasitic to Orbit recovery 2.	Lewellen	
1300-1900	Orbit recovery 2.	Singh	Stored beam and injection
1900-2300	Beam history study	CX Wang	Stored beam and injection
2300-2400	OPS training.	OPS	
Monday, 01/27/03			
0000-0100	OPS training (continued)	OPS	
0100-0700	Single bunch instability. Lower-emittance lattice.	Harkay	Stored beam and injection
0700-1100	BPLD validation.	Petrila	Stored beam and injection
1100-1300	Decoherence study.	CX Wang	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1300-1700	CPU adjustments.	Vasserman Makarov	Stored beam and injection
1700-1900	Bunch purity.	Lumpkin	Stored beam and injection
1900-2400	Intensity scan and offset measurements.	Erwin Singh	Stored beam and injection
Tuesday, 01/28/03			
0000-0100	Intensity scan and offset measurements (continued).	Erwin Singh	Stored beam and injection
0100-0500	High emittance and lower emittance beta function corrections.	Sajaev	Stored beam and injection
0500-0700	OPS training.	OPS	
0700-1300	Orbit recovery in moved sectors.	Decker	Stored beam and injection
1300-1700	SR corrector noise study.	Carwardine Fors	Stored beam and injection
1700-2100	Data pool tests.	Soliday	Stored beam and injection
2100-0000	Local impedance measurements.	Sajaev	Stored beam and injection
Wednesday, 01/29/03			
0000-0300	Local impedance measurements (contin- ued).	Sajaev	Stored beam and injection

Time	Descriptions	Studiars	SRStatus
0300-0700	Injection optimization, coupling adjustment, S35BM source beta function measurements.	Sajaev	Stored beam and injection
0700-0800	Prepare for User beam, High-emittance, singlets.	OPS	Stored beam and injection