

Machine Studies

Schedule for Run3-1,2003

September 26th, 0800 - October 1st, 0800

Time	Descriptions	Studios	SRStatus
	Friday, 09/26/03		
0800-2000	All studies should follow RF conditioning schedule for the beam current to 100mA		
0800-1200	SR start-up.	Emery Sajaev	Stored beam and injection
0800-1000	Check the performance of the tapped down corrector raw supplies. Parasitic to start-up.	Fors	Stored beam and injection
1200-1400	Direct injection training.	OPS	Stored beam and injection
1400-2400	BPM/DBPLD verification and training	Erwin Hahne Decker	Stored beam and injection
	1400-1700 BPM test	Decker Erwin Hahne (Emery)	
	1700-1900 BPM offsets (S15/S16)	Singh Hahne Decker Shang	
	1900-2100 DBPLD (S15/S16)	Pietryla	
	2100-2400 P0/P1 gains (S15/S16)	Singh Hahne (Shang)	

Time	Descriptions	Studiers	SRStatus
Saturday, 09/27/03			
0000-0200	OPS training.	OPS	Stored beam and injection
0200-0800	Longitudinal coupled bunch instability control with cavity temperature.	Harkay Nassiri	Stored beam and injection
0800-1000	Open		Stored beam and injection
1000-1600	BPM offset measurements 1.	Singh Hahne	Stored beam and injection
1600-2100	BPM offset measurements 2.	Singh Decker	Stored beam and injection
2100-2300	Direct injection training.	OPS	Stored beam and injection
2300-2400	Response matrix measurement.	Sajaev	Stored beam and injection
Sunday, 09/28/03			
0000-0200	Response matrix measurement (continued).	Sajaev	Stored beam and injection
0200-0400	Direct injection training.	OPS	Stored beam and injection
0400-0600	OPS training.	OPS	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0600-1000	Single bunch limit study.	Harkay	Stored beam and injection
1000-1200	Beam excitation with amplifiers	Yao	Booster beam, no SR beam
1200-1800	BPMs / DP / RTFB tests	Erwin Singh	Stored beam and injection
1800-2400	DBPLD validation 1.	Pietryla	Stored beam and injection
Monday, 09/29/03			
0000-0700	Open or synchrotron light diagnostics setup	Yang ??	Stored beam and injection
0700-0830	Direct injection training	OPS	Stored beam and injection
0830-0930	Test 115 mA 24 bunches operation	Harkay, et al	Stored beam and injection
0930-1030	Bunch purity monitor tests.	Lumpkin	Stored beam and injection
1030-1400	Parallel klystron operation test.	Nassiri	Stored beam and injection
1030-1500	DBPLD validation 2. Parasitic to parallel klystron test.	Pietryla	Stored beam and injection
1030-1500	Commissioning of the new controllaw for BTS. Parasitic to DBPLD validation.	Sereno	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1500-2100	ID xbpms tests / Orbit recovery / Database	Singh Hahne Erwin	Stored beam and injection
1500-1900	Booster vertical injection controllaw. Parasitic to BPM tests.	Sereno	Stored beam and injection
2100-2400	Implement gains in RTFB response matrices.	Emery Sajaev	Stored beam and injection
Tuesday, 09/30/03			
0000-0500	Injection transient characterization.	Emery Sajaev	Stored beam and injection
0500-1300	Orbit recovery 2. Database.	Singh Decker (Shang)	Stored beam and injection
1300-1500	IOC reboot procedure validation with the beam.	Yao	Stored beam and injection
1500-1800	Open		Stored beam and injection
1800-2100	Noise tests on new corrector regulators.	Fors	Stored beam and injection
2100-2300	Test single shot booster extraction for topup.	Emery	Stored beam and injection
2300-2400	Check new DSP scope configuration.	Emery	Stored beam and injection
Wednesday, 10/1/03			

Time	Descriptions	Studiers	SRStatus
0000-0100	Check new DSP scope configuration.	Emery	Stored beam and injection
0100-0700	Xbpm feedforward.	Singh Decker	Stored beam and injection
0700-0800	Prepare for user beam - 324 bunches.	OPS Yao	Stored beam and injection