

Machine Studies

Draft Schedule for Run01-1, 2007

January 23rd 0800 - January 30th 0800

Time	Descriptions	Studios	SRStatus
Monday, 1/22/07			
1100-2400	RF conditioning.	OPS	Stored beam & injection
1200-1600	SR bpm system shake down test (above 20 mA). Parallel to RF conditioning.	Singh Decker	Stored beam & injection
1600-1800	Initial pinhole cameras set up (above 50 mA). Parallel to RF conditioning.	Yang	Stored beam & injection
1800-2200	Mpbpm tests (above 20 mA). Parallel to RF conditioning.	Erwin Keane	Stored beam & injection
Tuesday, 1/23/07			
0000-0700	RF conditioning.	OPS	Stored beam & injection
0700-0800	Switch to RF3 providing Booster.	Horan	No Beam
0800-1000	Operator training - Storage Ring	Poncin	Stored beam & injection
1000-1400	SR DC/AC orbit control/configuration tests.	Singh Lenkszus Shang	Stored beam & injection
1000-1100	Set up bunch current monitor. Parallel to bpm tests.	Varotto	Stored beam & injection
1400-1800	Orbit recovery.	Singh	Stored beam & injection
1800-2000	nb bpm test.	Sun	Stored beam & injection
2000-2400	Characterization and set up of 4-m pinhole camera for user run.	Yang	Stored beam & injection
Wednesday, 1/24/07			

Time	Descriptions	Studiers	SRStatus
0000-0800	Measure P1 offsets, validate BPLDs.	Bui	Stored beam & injection
0800-1200	Test changes in RTFB and investigate beam losses from last run.	Lenkszus Emery Fors	Stored beam & injection
1200-1400	Operator training - Storage Ring.	Poncin	Stored beam & injection
1400-1600	BM xbpm tests.	Hahne	Stored beam & injection
1600-2000	Verify and set up PAR beam.	Yao	Limited injection
1600-2000	ID xbpm tests. Parallel to PAR beam setup.	Hahne	Limited injection
2000-2400	Correct beta functions.	Sajaev	Stored beam & injection
Thursday, 1/25/07			
0000-0400	Check lifetime vs tunes.	Emery Sajaev	Stored beam & injection
0400-0800	OPEN		
0800-1400	PSS validations	SI group	No beam
0800-1400	Laser Alignment PCgun tune measurement	Pasky	Access Linac
0800-0900	Switch to RF-3.	RF group	No Beam
1400-1500	Verify RF3 to Booster with beam and switch back to RF-5.	Horan	
1500-1700	PEM testing with beam.	Schroeder	Stored beam & injection
1700-1900	Set up bunch purity measurement system.	Yang	Stored beam & injection
1900-2400	Final orbit recovery.	Singh	Stored beam & injection
Friday, 1/26/07			
0000-0100	Final orbit recovery (continued).	Singh	Stored beam & injection

Time	Descriptions	Studiers	SRStatus
0100-0600	Create and test S8 RHB lattice.	Sajaev	Stored beam & injection
0600-1000	Check single bunch limits.	Sajaev Emery	Stored beam & injection
1000-1400	Linac beam studies.	Pasky	Limited injection
1000-1400	xbpm characterization for ID17, ID18, and ID24. Parallel to linac studies.	Decker	Stored beam & injection
1400-1800	Final orbit recovery with S8 RHB.	Singh	Stored beam & injection
1800-2000	Collect RTFB data.	Sun	Stored beam & injection
2000-2400	PAR bpm signal tests.	Yao Erwin	Stored beam & injection
Saturday, 1/27/07			
0000-0600	Multibunch instability study.	Harkay	Stored beam & injection
0600-1000	OPEN		
1000-1800	VW monitor tests.	Decker	Stored beam & injection
1800-2400	Power supply testing.	Fors	
Sunday, 1/28/07			
0000-1000	OPEN		
1000-1400	Develop xbpm look up table.	Decker	Stored beam & injection
1400-1800	CPU correction.	Emery	Stored beam & injection
1800-2000	OPEN		
2000-2400	Verify topup operation.	OPS	Stored beam & injection
Monday, 1/29/07			
0000-0200	Verify topup (continued).	OPS	Stored beam & injection

Time	Descriptions	Studiers	SRStatus
0200-0800	Create all-ID RHB lattice (for impedance measurements).	Sajaev	Stored beam & injection
0800-1200	HOM study.	Harkay Bro-mberek	Stored beam & injection
1200-1400	P0 feedback system drive test.	Yao	Stored beam & injection
1400-1800	Final operational orbit control configuration tests.	Singh Decker	Stored beam & injection
1800-2200	ID gap-corrector feedforward.	Emery	Stored beam & injection
2200-2400	mp bpm viewer with various bunch patterns.	Emery	Stored beam & injection
Tuesday, 1/30/07			
0000-0200	mp bpm viewer with various bunch patterns (continued).	Emery	Stored beam & injection
0200-0600	Measure tune slope with single bunch.	Sajaev	Stored beam & injection
0600-0800	Ready for 0+24X1 fill pattern, low emittance, TopUp	OPS	Store Beam & Injection