

Machine Studies

Schedule for Run03-1, 2006

September 27th 0800 - October 3rd 0800

Time	Descriptions	Studiers	SRStatus
Wednesday, 9/27/06			
0800-1200	sr dc/ac orbit control/configuration tests - stored beam > 80 mA	Singh/Shang Lenkszus	Stored beam & Injection
1200-1400	nbbpm tests (all gaps open)	Bui	Stored beam
1200-1400	Test Par Harmonic Tube #2 w/Beam	Yao/ Grelick	Occ. Inj.
1400-1800	Validate BPLDs	Bui	Stored beam & Injection
1800-2400	orbit recovery 24-singlets -- old lattice	Singh	Stored Beam & Injection
Thursday, 9/28/06			
0000-0400	Measure P1 bpm offsets	OPS	Stored beam & Occ. Inj.
0400-0800	ID XBPM tests	Hahne	Stored beam & Inj.
0800-1400	RF gun kicker validations	Pasky	No Injection
0800-0900	Check S37/Cav4 coupler connections (on SR mezzanine)	Horan	No Beam
0800-1600	PSS end to end tests	Friedman	No Beam
0800-1300	Verify SR vacuum valve EPICS	Quock	No Beam
0830-1030	Swap-out Booster SG-J2-CB-J30	Kailus	No Beam
1400-1700	Linac PEM Testing	Sereno	Occ. Inj.
1700-1900	SR single bunch feedback system data acquisition test	Yao	Stored beam & inj.
1900-2400	Lattice correction of RHB lattice (after steering is done by Singh- sector 14 needs steering)	Sajaev	Stored Beam & Occ. Inj.

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Friday, 9/29/06			
0000-0100	Lattice correction of RHB lattice	Sajaev	Stored Beam & Occ. Inj.
0100-0600	Lower alpha lattice test	Sajaev	Stored Beam & Inj.
0600-0900	SR single bunch feedback system drive amplifier test with beam	Yao/Gold	Stored Beam & Inj.
0900-1100	Collect RTFB Data	Bui	Stored Beam & Inj.
0900-1300	Initial setup of 4 m pinhole camera.	Yang	Stored Beam
1300-1700	Xbpm characterization for ID02, ID23 & ID32	decker	Stored Beam & Occ. Inj.
1700-2100	develop xbpm FF look up table	Decker	Stored Beam & Top-Up
2100-2400	Injection efficiency checkout	Emery	Stored Beam & Injection
Saturday, 9/30/06			
0000-0100	Injection efficiency checkout	Emery	Stored Beam & Injection
0100-0500	CPU perturbation checkout	Emery	Stored Beam & Injection
0600-1400	orbit recovery with new RHB lattice (after RHB lattice has been tuned)	Singh	Stored Beam & Inj.
1400-1800	Characterization of 4 m pinhole camera	Yang	Stored Beam
1400-1700	Booster 132nm lattice	Sereno	Occ. Inj.
1800-2400	Study effect of gap on instability threshold	Harkay, Yang	Stored Beam & Injection
Sunday, 10/1/06			
0000-0400	Measure P1 Offsets	OPS	Stored Beam & Injl
0400-0700	OPEN		
0700-1300	19ID hard x-ray bpm studies (PS2 shutter open)	Decker	Stored Beam & Occ. Inj.
1300-1600	Set up bunch purity system	Yang	Stored Beam

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1600-1800	set up PAR bunch cleaning system and verify bunch purity	Yao	Stored Beam & Inj.
1800-2400	Bunch length vs. rf voltage.	Harkay	Stored beam & Inj.
Monday, 10/2/06			
0000-0300	Calibrate 4-mm pinhole using response matrix	Sajaev	Stored beam & Injection
0300-0600	Measure tune slope with current	Sajaev	Stored beam & Injection
0700-0900	2hrs. SR training	Poncin	Limited SR injection
0900-1400	17ID alignment studies (PS2 shutter open)	Decker	Stored Beam & Top-Up
1400-1700	Steering Optimization 14- and 15-ID (PS2 shutter open)	Schroeder	Stored Beam & Top-Up
1700-2100	cross-plane response characterization	Emery/Xiao	Stored Beam & Occ. Inj.
2100-2300	Corrector FF for ID gap compensation	Emery	Stored Beam & Occ Inj
Tuesday, 10/3/05			
0100-0100	Corrector FF for ID gap compensation	Emery	Stored Beam & Occ Inj
0100-0500	Final operational orbit control configuration tests - top up 24 bunch fill with RHB lattice	singh/decker	Stored Beam & Top-Up
0630-0800	Prepare for user beam	Ops	Stored beam & injection