

Machine Studies

Draft Schedule for Run01-1, 2013

January 22nd 0800 – January 29th 0800

Time	Descriptions	Studiers	SR Status
Saturday, January 19, 2013			
0000-1500	RF conditioning, 24 singlets.	OPS	Stored Beam & Injection
1500-1700	SCU0 orbit tests.	Harkay	Stored Beam & Injection
1700-2300	Initial BPM system checkout.	Decker Sereno	Stored Beam & Injection
2300-2400	Orbit recovery.	Xiao	Stored Beam & Injection
Sunday, January 20, 2013			
0000-0500	Orbit recovery (continued).	Xiao	Stored Beam & Injection
0500-1000	SCU0 commissioning.	Sajaev	Stored Beam & Injection
1000-1500	SCU0 commissioning.	Harkay	Stored Beam & Injection
1500-2000	SCU0 commissioning.	Borland	Stored Beam & Injection
2000-2400	SCU0 commissioning.	Emery	Stored Beam & Injection
Monday, January 21, 2013			
0000-0100	SCU0 commissioning.	Emery	Stored Beam & Injection
0100-0600	SCU0 commissioning.	Xiao	Stored Beam & Injection
0600-0800	SCU0 commissioning.	Sajaev	Stored Beam & Injection
0800-1600	SCU0 test with user.	SCU0 team	Stored Beam & Injection

1600-2000	Rematch S3 stripline signal and test P0 feedback.	Yao Gold	Stored Beam & Injection
2000-2400	Intermediate BPM system checkout.	Decker Sereno	Stored Beam & Injection
Tuesday, January 22, 2013			
0000-0200	Intermediate BPM system checkout (continued).	Decker Sereno	Stored Beam & Injection
0200-0800	CPU checkout 1.	Xiao	Stored Beam & Injection
0800-1400	Orbit recovery in sectors 23, 24, 33, and 34.	Sajaev	Stored Beam & Injection
1400-1700	Test feedback IOC upgrade.	Xu	Stored Beam & Injection
1700-2300	Xbpm data collection.	Decker Hahne	Stored Beam & Injection
2300-2400	ID steering, lattice correction, reduce chromaticity, use P0 feedback.	Sajaev	Stored Beam & Injection
Wednesday, January 23, 2013			
0000-0500	Lattice correction (continued).	Sajaev	Stored Beam & Injection
0500-0800	Test optics correction with FPGA bpms.	Wang	Stored Beam & Injection
0800-1000	Measure Booster chromaticity.	Yao	Stored Beam & Injection
1000-1200	Check PAR bunch cleaning system. SR available.	Yao Gold	Stored Beam & Injection
1200-1400	Tune up Booster injection. SR available.	Sereno Yao Pasky	Stored Beam & Injection
1400-2000	CPU checkout 2.	Xiao	Stored Beam & Injection
2000-2400	Finish lattice correction, set up hybrid, take SCU0 temperature measurements with hybrid.	Sajaev	Stored Beam & Injection
Thursday, January 24, 2013			
0000-0200	Set up hybrid (continued).	Sajaev	Stored Beam & Injection

0200-0700	Test optics correction with FPGA bpms.	Wang	Stored Beam & Injection
0700-0900	Verify Linac interlock screen	Pasky/Pietryla	Limited Injection
0730-1130	Connect flow meters to controls system for vc cooling skids sectors 25/26 & 29/30.	Putnam	No beam
0800-0900	Replace a suspect attenuator at RF4	Berenc	No beam
0800-1200	PSS shutter checkouts / End to End tests	SI group	No Beam
0800-1200	SCU0 realignment	MD group	No beam
0800-1000	investigate why the dump resistor fuse blew in SR 26:27 Raw T2	Puttkammer	No beam
0090-0930	LACIS validations	Dooling	If supported by Linac studies
0930-1030	Linac training	Pasky/Operator	Limited injection
1030-1130	Linac training	Pasky/Operator	Limited injection
1200-1600	Repeat ID and BM steering scans for SCU0 after realignment.	Emery Borland Boon	Stored Beam & Injection
1600-2400	CPU+IEX nonlinear studies.	Xiao	Stored Beam & Injection
Friday, January 25, 2013			
0000-0800	Mapping of BM SR power on SCU0 chamber.	Boon Harkay	Stored Beam & Injection
0800-1000	SCU0 steering optimization.	Schroeder	Stored Beam & Injection
1000-1800	SCU0 tests with user, shutter open.	OPS	Stored Beam & Injection

1600-1800	Measure tune slope in 24 singlets (SCU0 transparency test). [Canceled]	Emery	Stored Beam & Injection
1800-2400	SCU0 coupling feedforward studies.	Emery	Stored Beam & Injection
Saturday, January 26, 2013			
0000-1000	IEX checkout 1.	Xiao	Stored Beam & Injection
1000-1600	SCU0 ID6 beamline studies., shutter open	ID6	Stored Beam & Injection
1600-2400	Diagnostics checkout.	Sereno	Stored Beam & Injection
Sunday, January 27, 2013			
0000-1000	IEX checkout 2.	Xiao	Stored Beam & Injection
1000-1600	OPEN.		Stored Beam & Injection
1600-2400	Top-up test.	OPS	Stored Beam & Injection
Monday, January 28, 2013			
0000-0600	Set up APS-U lattice.	Sajaev	Stored Beam & Injection
0600-0700	8-ID PSS end-to-end test	Mike Fagan / SI group	No beam
0700-0800	Rf synthesizer switch + other	RF group + other	No beam
0800-1400	SCU0 tests with user, shutter open.	OPS	Stored Beam & Injection
1400-1600	Final pinhole setup.	Yang	Stored Beam & Injection
1600-1800	Set-up bunch purity monitor – parasitic	Yang	Stored Beam & injection
1600-2200	Final BPM system checkout.	Decker Hahne Sereno	Stored Beam & Injection

2200-2400	Final injection setup.	Sajaev	Stored Beam & Injection
	Tuesday, January 29, 2013		
0000-0200	Final injection setup (continued).	Sajaev	Stored Beam & Injection
0200-0600	Final lattice setup.	Sajaev	Stored Beam & Injection
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection

