Machine Studies

Schedule for Run2-1,2004

May 20 0800 to May 25 0800

Time	Descriptions	Studiers	SRStatus
	Thursday, 05/20/04		
0800-1400	Lattice setup and initial beam store. Beta functions measurement.	Emery Sajaev	Stored beam and injection
1000-1200	Initial pinhole camera setup. Parasitic to the lattice setup, as soon as beam is stored with enough current.	Yang	Stored beam and injection
1400-1800	RFBPM tests. RTFB tests.	Singh Erwin Bui Decker Lenkszus	Stored beam and injection
1300-1500	Linac training. Parallel to lattice setup and bpm tests.	Grodecki	Limited injection
1800-2400	BPM offsets.	Singh	Stored beam and injection
2000-2200	Linac training. Parallel to BPM offsets.	Glenn	Limited injection
	Friday, 05/21/04		
0000-0800	Direct injection and 1296 bunches fill.	Sereno	Stored beam and injection
0600-0800	Determine optimum timing of BTS bpms for 1296 mode injection. Parallel to direct injection.	Sereno, Emery Lill	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0800-1400	BPLD validation.	Pietryla Bui	Stored beam and injection
1200-1400	Linac training. Parallel to BPLD validation.	Grodecki	Limited injection
1400-1800	ID xbpm tests.	Hahne	Stored beam and injection
1800-2200	BM xbpm tests.	Hahne	Stored beam and injection
2000-2200	Linac training. Parallel to xbpm tests.	Glenn	Limited injection
2200-2400	Beta function correction and 324 bunches mode setup.	Sajaev	Stored beam and injection
	Saturday, 05/22/04		
0000-0100	Beta function correction (continued).	Sajaev	Stored beam and injection
0100-0700	Orbit recovery.	Singh	Stored beam and injection
0700-0900	DBPLD beam status studies.	Pietryla Bui	Stored beam and injection
0900-1300	Remove BP1 SCDU (sectors 3-6). Move beam history modules.	Pietryla Lenkszus	Stored beam and injection
1300-1500	Various software tests	Emery	Stored beam and injection
1300-1500	Linac training. Parallel to software tests.	Glenn	Limited injection

Time	Descriptions	Studiers	SRStatus
1500-1900	Check proper functioning of bpm histories for MPS dumps.	Emery	Stored beam and injection
1900-2400	ID xbpm feedforward	Decker	Stored beam and injection
	Sunday, 05/23/04		
0000-0300	ID xbpm feedforward (continued).	Decker	Stored beam and injection
0300-0900	Transverse single bunch instability study.	Harkay	Stored beam and injection
0900-1300	CPU coupling correction.	Emery	Stored beam and injection
1300-1600	Characterize injection septum flag and optimize efficiency.	Emery	Stored beam and injection
1600-2000	Investigate orbit disturbance during steering.	Emery	Stored beam and injection
1800-2000	Linac training. Parallel to orbit disturbance investigation.	Glenn	Limited injection
2000-2400	Install and test longitudinal damping lattice.	Harkay Guo	Stored beam and injection
	Monday, 05/24/04		
0000-0500 or shorter	Instability study in 1296 bunches mode	Harkay	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0500-0800	Simulate lower bit resolution in RTFB loops.	Emery Lenkszus	Stored beam and injection
0800-1200	Klystron operating efficiency study at 103mA.	Horan Nassiri	Stored beam and injection
0800-1000	Final pinhole camera setup. Parallel to klystron studies.	Yang	Stored beam and injection
1200-1300	23ID shielding verification at 30mA.	Ramanathan	Stored beam and injection
1300-1700	Program changes and reverification of 9BM.	Behrndt	No SR beam
1300-1500	Linac training. Parallel to 9BM reverification.	Leeson	
1300-1500	Booster training. Parallel to 9BM reverification.	Forth	
1700-2100	Create ID30 and septum bump for ID3/4 protection.	Emery	Stored beam and injection
2100-2400	Canted undulator xbpm feedforward.	Decker	Stored beam and injection
	Tuesday, 05/25/04		
0000-0500	Canted undulator xbpm feedforward (continued).	Decker	Stored beam and injection
0500-0700	Injection efficiency test with gaps	Yao	Stored beam and injection
0700-0800	Ready user beam with low emittance, 1x324 fill pattern and non-topup	Yao OPS	Stored beam and injection