Machine Studies

Schedule for Run1-1,2004

Jan. 23 0800 to Jan. 29 0800

Time	Descriptions	Studiers	SRStatus
Friday, 01/23/04			
0800-1600	New septa, kicker characterization, lattice setup and initial beam store	Yao Borland	Stored beam and injection
1400-1600	Linac/Booster training	Jones	Stored beam and injection
1600-2400	BPM polarity/coupling test/timing scan	Decker Singh Erwin	Stored beam and injection
Saturday, 01/24/04			
0000-0800	BPM offsets with 102mA beam	Ops Diag	Stored beam and injection
0800-1000	Initial setup of S35 pinhole camera	Yang	Stored beam and injection
1000-1400	Gun2 checkout with new (original) PFN cable installed, no SR injection	Lewellen	No injection
1400-1600	initial commissioning & checkout, direct injection BPMs	Lewellen	No injection
1600-1800	Response matrix measurement & operational testing,	Lewellen	Injection possible

Time	Descriptions	Studiers	SRStatus
1800-2400	New kicker chamber bellows temperature study	Harkay	Stored beam and injection
Sunday, 01/25/04			
0000-0400	Longitudinal dynamics	Harkay Guo	Stored beam and injection
0400-0800	SR steering software test	Borland	Stored beam and injection
0800-1400	Install BPM offsets	Singh	Stored beam and injection
1400-2000	BPLD validation	Pietryla	Stored beam and injection
2000-2200	Re-verify trajectory & steering, whole linac but focusing on L2	Lewellen	Injection possible
2200-2400	PCgun high-charge operation and use as SR injector	Lewellen	Injection possible
Monday, 01/26/04			
0000-0400	PCgun high-charge operation and use as SR injector	Lewellen	Injection possible
0400-0600	Studies time available		Stored beam and injection
0600-0900	bpm gain measurement	Yao Sun	Stored beam and injection
0900-1200	nbBPM low current injection	Yao Pietryla	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1200-1400	Linac/Booster training	Jones	Stored beam and injection
1400-1600	SR training	Schroeder	Stored beam and injection
1600-1700	Software test of PEM warning	Shultes Soliday	Stored beam and injection
1600-2400	Zone-A access to repair 1ID frond-end fixed mask	Vac group	No beam
1700-1800	Validate RTFB, VP, BPM ioc reboot	OPS	Stored beam and injection
1800-2400	Initial commissioning, checkout, and response matrix measurement of booster bypass BPMs	Lewellen	SR injection possible (second half)
Tuesday, 01/27/04			
0000-2400	Zone-A access to repair 1ID frond-end fixed mask	Vac group	No beam
0000-0800			No beam
0800-1000	Zone-F access to inspect IK blower	Morrison	No beam
0800-1000	Zone-F access to inspect thermal couplers	Jaski	No beam
1200-1600	RF3 drives booster test and validation after test.	Cherbak RF group	No beam
Wednesday, 01/28/04			
0000-0900	Zone-A access to repair 1ID frond-end fixed mask	Vac group	No beam
0800-1000	Booster IK test	Hillman Deriy	No beam

Time	Descriptions	Studiers	SRStatus
0800-1000	SR operator training	Schroeder	Stored beam and injection
0800-1000	Linac/Booster training	Jones	Stored beam and injection
1000-1800	Orbit recovery	Singh Decker	Stored beam and injection
1000-1800	xBPM tests (Parasitic)	Hahne	Stored beam and injection
1800-2200	Datapool orbit correction test	Borland Yao	Stored beam and injection
2200-2400	xBPM feedforward	Decker Singh	Stored beam and injection
Thursday, 01/29/04			
0000-0400	xBPM feedforward	Decker Singh	Stored beam and injection
0400-0700	Injection, lifetime tuneup	Yao Harkay Borland	Stored beam and injection
0700-0800	Ready user beam with low emittance, 1x324 fill pattern and non-topup	Yao OPS	Stored beam and injection