Machine Studies

Draft Schedule for Run01-4, 2006

February 20th 0800 - February 22nd 0800

Time	Descriptions	Studiers	SR Status
	Monday, 2/20/06		
0800-0810	Collect BPM orbit data	OPS	Store Beam & Injection
0810-0900	Switch from RF3 to RF2	Horan	No Beam
0900-1100	2hrs SR training	S. Flood	Store Beam & Injection
1100-1330	Install L4 arc detector	Grelick/ Yoder	Limited injection
1200-1400	Continue testing of the Bunch Current Monitor upgrade	Lenkszus/ Varotto	Stored Beam
1100-1400	Test SR BPMS with stored beam (#1)	Erwin	Stored Beam
1330-1530	PAR RF study address the Fundamental AGC Loop error (daytime requested)	Smith, Grelick, and Cherbak	Occ. Inj. Possible
1400-1500	Test conditioning validity PVs with reboot	Varotto	Stored Beam
1500-1700	shielding verification of 14-ID-B station and transport. (50 ma for two hrs.)	Ramanathan	Stored Beam
1500-1800	booster injection efficiency studies	Sereno	Occasional Injection
1700-1900	Set-Up for ap3/4 offset measurement	Singh/Bui	Stored Beam Occ. Inj.
1800-2100	BTS beamline characterization	Emery	Occ. Inj. possible
1900-2300	Continuation of low-sigmax studies for ID32	Borland, Sajaev	Stored Beam & Occ. Injection
2100-2200	Test new tune knobs	Emery	Stored beam

Time	Descriptions	Studiers	SR Status
2300-2400	RF characterization Studies	Harkay	Stored beam & inj.
	Tuesday, 2/21/06		
0000-0400	RF characterization Studies (can continue through 0600 if only limited injection needed)	Harkay	Stored beam & inj.
0400-0600	2hrs PAR/Booster training	Poncin	Limited Injection
0600-0630	Turn off 352Mhz RF systems and designated SR P.S.	Ops	No Beam
0600-0630	Reboot FE IOCs	Smith	
0600-0900	SR BPM troubleshooting	Erwin	No Beam
0630-0700	Turn off Linac/PAR RF & designated injector P.S.	OPS	No beam
0630-0730	Measure S40/C4 resonant frequency-vs-tuner position	Horan	No Beam
0630-0730	Investigate suspected turbo pump interference at S38-40	Horan	No Beam
0700-0800	Recover power supplies to support ComEd work	Puttkammer	No beam
0700-0900	Tie-in & test FEEPS/BLEPS interface @ 23BM	McNamara	No Beam
0700-0730	Reboot Linac, PAR and Booster iocs	Varotto	No Injection
0700-0830	Troubleshoot xbpm flow	Swetin	Access A, B, E & F
0700-0730	Remove dosimeter at 4ID	Merritt	Access Zone A
0700-0800	Align 14ID xbpm	Hahne	Access Zone B
0730-0800	Remove video camera from S40/C4	Horan	Access Zone F
0830-0930	Troubleshoot intermittent mod-anode current trips at RF4	Horan	Injection possible
0830-1030	B:BM thermal instability studies	Puttkammer	No Injection
0900-1000	Par rf pem test	OPS, CY	No Injection

Time	Descriptions	Studiers	SR Status
1000-1400	Par bunch length and extraction optimization(Tuesday day, evening)	Yao	Limited Injection
1030-1300	test SR BPMS with stored beam (#2)	Erwin	Stored beam
1300-1800	ID photon bpm alignment (between 0600-1800 if possible -- Decker not avail Tues 1800-22000	Decker, Hahne	Stored beam & Topup
1800-2000	test rtfb configuration	Singh	Stored beam & Occ. Inj.
2000-2400	Continuation of symmetric combo-lattice studies	Borland, Sajaev	Stored Beam & Inj.
	Wednesday, 2/22/06		
0000-0300	SR injection efficiency	Emery	Stored beam & inj.
0300-0700	Measure ap3/4 offsets	OPS	stored beam Occ. Inj.
0300-0500	2hrs PAR/Booster training	Poncin	Limited Injection
0700-0800	Prepare for user Beam	OPS	Stored Beam & Injection