

Machine Studies

Schedule for Run1-1,2002

January 18, 0800 to January 23, 0800

Time	Descriptions	Studiers	SRStatus
Friday, 01/18/02			
0800-0830	iocsrmon reboot test	Dimonte	No beam
0830-1600	Booster controllaw and response matrix measurement for booster	Sereno	Store beam and injection
0800-1000	Establish stored beam with high emi. lattice	Emery	Store beam and injection
0800-1400	X-ray BPM database study (parasitic study)	Hahne Singh	Store beam and injection
1000-1400	Low emittance lattice setup	Emery	Store beam and injection
1400-1800	beta function measurement and correction	Sajaev	Store beam and injection
1800-2100	BPLD validation (except 31ID, new Bergoz)	Pietryla	Stored beam and injection
2100-2300	Offset measurement setup	Singh Erwin	Store beam and injection
2300-2400	Low emittance lattice orbit setup	Singh Emery	Store beam and injection
Saturday, 01/19/02			

Time	Descriptions	Stuinders	SRStatus
0000-0400	Low emittance lattice orbit setup	Singh Emery	Store beam and injec- tion
0400-1200	Single bunch limits with low emit. lattice	Harkay	Store beam and injec- tion
1200-1600	Maxmum single bunch current for single/ hybrid pattern	Harkay, Lessner	Store beam and injec- tion
1600-2000	Amplitude-dependent tune and single bunch instability n high-emit. lattice	Harkay, Lessner	Store beam and injec- tion
2000-2400	Checkout the S35 BM and S36 AM diag- nostics with 100mA beam current	Lumpkin Yang	Store beam and injec- tion
Sunday, 01/20/01			
0000-0800	Offset measurement	OPS Erwin	Store beam and injec- tion
0800-1200	Data pool test	Shang Emery (Lenkszus)	Store beam and injec- tion
1200-1600	Low emittance lattice with lower betay at 3ID	Emery Sajaev	Store beam and injec- tion
1600-2000	Longitudinal injection lattice study	Chae Emery Sajaev	Store beam and injec- tion
2000-2400	Off momentum injection in low emittance lattice	Emery Chae	Store beam and injec- tion
Monday, 01/21/02			

Time	Descriptions	Studiers	SRStatus
0000-0700	Access to Booster BPM matching network installation (HP and PFS suport needed)	Lill Gold	No injection
0500-0900	Access to Linac RF Gun#1 repair (HP and PFS support needed)	Pasky	No injection
0700-0830	Switch to RF1/RF2, verify AGC loop and back to RF3/4	Nassiri Cherbak	No injection
0730-0800	14ID EPS validation	Behrndt	No injection
0900-1300	Single bunch turn-by-turn imaging, centroid vs sigma correlation	Harkay, Yang	Stored beam and injection
1300-1900	CPU AC mode test	Vasserman Emery Sereno	Stored beam and injection
1900-2100	HOM measurement	Song	Stored beam and injection
2100-2300	Booster operator training	Sutton	Store beam and injection
2300-2400	SR operator training	OPS	Store beam and injection
Tuesday, 01/22/02			
0000-0600	Multibunch instability studies (resistive wall and ion effects)	Harkay Chae	Stored beam and injection
0600-1000	Off-momentum injection into the longitudinal injection lattice	Chae Emery Sajaev	Store beam and injection
1000-1700	High emittance lattice orbit setup	Decker Emery	Store beam and injection

Time	Descriptions	Studiers	SRStatus
1700-2400	BPM Intensity/31 ID BPM Offset measurement	Singh Erwin	Store beam and injection
Wednesday, 01/23/02			
0000-0600	SR operator training	OPS	Store beam and injection
0600-0800	High emittance singlet user beam	OPS Yao	Stored beam and injection
End of Studies			