

Machine Studies

Schedule for Run2-1,2002

May 24th, 0800 - May 29th, 0800

Time	Descriptions	Studiers	SRStatus
Thursday, 5/23/02			
1200-1400	Beam out of the linac, and into PAR	Pasky/OPS	No beam
1400-2400	Beam into Booster. Booster transducer calibration setting.	Sereno	No beam
Friday, 5/24/02			
0000-0200	PAR training (as made available by concurrent SR studier)	Hill	Stored beam and injection
0000-0800	High-emittance and low-emittance SR setup with low charge. Need digitizer for septum flag.	Emery	Stored beam and injection
0800-1100	BPLD verification (5mA bunch)	Pietryla	Stored beam and injection
1100-2400	SR RF cavity conditioning. (Inject every hour)	OPS	Stored beam and injection
1100-1300	Investigate IK3 kicker DAC dropping to 0.	ESG	Stored beam and injection
1100-1400	PAR optics alignment (betwteen injections into SR)	Yang	Stored beam and injection
1300-1600	EMW correction setup.	Emery Makarov	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1600-1900	CPU adjustments	Emery Vasserman Soliday	Stored beam and injection
1900-2100	SR stored beam available for parasitic measurement while RF cav. conditioning. User orbit not set.		Stored beam and injection
2100-2400	35BM pinhole camera set-up. (Exact User orbit not required.)	Yang	Stored beam and injection
Saturday, 5/25/02			
0000-0200	PAR training	Hill	Stored beam and injection
0000-1200	SR RF cavity conditioning (cont'd)	OPS	Stored beam and injection
1200-2000	Timing scans/Cogging tests	Decker	Stored beam and injection
2000-2400	Orbit recovery for high-emittance lattice.	Decker	Stored beam and injection
Sunday, 5/26/02			
0000-0200	PAR training	Hill	Stored beam and injection
0000-0400	Open.		Stored beam and injection
0400-1400	Sextupole offset measurement. Low emit- tance lattice.	Sajaev	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1400-2000	Low emittance lattice corrections.	Sajaev	Stored beam and injection
2000-2400	Single bunch instabilities to compare low/hi emittance lattice	Harkay	Stored beam and injection
Monday, 5/27/02			
0000-0400	Single bunch instabilities to compare low/hi emittance lattice (cont'd)	Harkay	Stored beam and injection
0400-0700	35BM source beta function measurement	Emery	Stored beam and injection
0500-0700	PAR training	Hill	Stored beam and injection
0700-0900	SR console test	Sutton Yao	Stored beam and injection
0900-1700	Offset measurement and intensity scans	Singh	Stored beam and injection
1700-2400	Multibunch instabilities, including resistive wall, electron cloud and fast ion effects	Harkay	Stored beam and injection
Tuesday, 5/28/02			
0000-0200	PAR training	Hill	Stored beam and injection
0200-0900	Lower emittance lattice correction setup and correction.	Emery Borland Sajaev	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0900-1300	Injection history data	Wang Borland Sajaev	Stored beam and injection
1300-1700	Replace RF3 klystron	Bromberek Horan Nassiri	Stored beam and injection
1300-1500	Access zone-F to fix S35BM image problem	Yang	Stored beam and injection
1300-1500	Replace the wiring to the anti-alias filters on the interleaving DSP cards	Fors	Stored beam and injection
1700-2400	Xbpm feedback	Decker Singh	Stored beam and injection
Wednesday, 5/29/02			
0000-0200	PAR training	Hill	Stored beam and injection
0200-0700	Available time for SR studies		Stored beam and injection
0700-0800	Prepare for User beam	OPS	Stored beam and injection