

Machine Studies

Schedule for Run02-1, 2008

June 3rd 0800 – June 10th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, 6/03/08			
0800-1000	BM x bpm checkout.	Hahne	Stored Beam & Injection
1000-1400	DBPLD validation.	Bui	Stored Beam & Injection
1400-1600	ID x bpm checkout.	Hahne	Stored Beam & Injection
1600-2000	BPM system checkout.	Decker	Stored Beam & Injection
2000-2200	PAR/Booster training.	Karl	Occasional injection
2200-2300	Test SR tune system.	Yao Gold	Stored Beam & Injection
2300-2400	Verify PAR scope mux signals.	Yao Gold	Stored Beam & Injection
Wednesday, 6/04/08			
0000-0200	PAR/Booster training.	Fystro	Stored beam & injection
0200-0800	BPM offset measurements.	OPS	Stored beam & injection
0800-1600	RF Coupler investigation	RF, Vacuum Group	No Beam
1700-???	PSS shutter tests	SI Group	No Beam
Thursday, 6/05/08			
0200-0400	PAR/Booster training.	Fystro	Limited injection
0530-0800	PSS shutter tests	SI group	NO BEAM
0800-1030	SR RF Conditioning with 324 singlets	RF Group/ OPS	Stored Beam & Injection
1030-1230	Initial orbit recovery	Decker Emery	Stored Beam &

		Sajaev	Injection
12:30-1700	SR RF Conditioning	RF Group / OPS	Stored Beam & Injection
1700-2200	Initial Orbit recovery	Decker Emery Sajaev	Stored Beam & Injection
2200-2400	Check CPU AC mode.	Emery Xiao	Stored Beam
Friday, 6/06/08			
0000-0200	Check CPU AC mode	Emery Xiao	Stored Beam
0200-0400	PAR/Booster training.	Fystro	Injection limited
0400-0630	OPEN		
0630-0800	Investigation Booster Extraction Septum	Deriy	No injection
0700-0800	Switch three SR pumps to back-up pumps	Ferry	No impact
0700-0800	Replace pld in the Machine Status Link Transmitter (iocs35bpm may be power cycled)	Pietryla	No beam
0800-1200	Linac PEM testing		
0800-1200	Check CPU DC Mode	Emery Xiao	Occasional Injection
1200-1600	CPU Correction	Emery Xiao	Occasional Injection
1600-2200	Final orbit recovery	Decker Emery Sajaev	Stored Beam & Injection
2200-2400	Test P0 feedback system.	Yao	Stored Beam & Injection
Saturday, 6/07/08			
0000-0200	Test P0 feedback system	Yao	Stored Beam & Injection
0200-0400	PAR/Booster training	Karl	Injection limited
0400-0800	OPEN		
0800-1200	Beta function correction (may be from home)	Sajaev	Stored Beam & Injection
1200-2000	Xbpm system recommissioning.	Decker	Stored Beam & Injection
2000-2400	Operational topup check.	OPS	Stored Beam & Injection
2000-2400	16-ID-D alignment studies -- parasitic to	Y. Xiao, Chow	Parasitic

	Operational top-up check (shutter permit needed)		
	Sunday, 6/08/08		
0000-0400	Operational topup check (continued).	OPS	Stored Beam & Injection
0000-0400	16-ID-D alignment studies (continued) -- parasitic to Operational top-up check (shutter permit needed)	Y. Xiao, Chow	Parasitic
0400-0600	PAR/Booster training.	Karl	Stored Beam & Injection
0600-1200	P0 Feedback	Yao	Stored Beam & Injection
1200-1600	Lifetime and energy aperture measurements.	Borland	Stored Beam & Injection
1600-2200	Beam instability studies	Harkay	Stored beam & Injection
2200-2400	OPEN		
	Monday, 6/09/08		
0000-0800	OPEN		
0800-0900	RF waveguide switch.	RF group	NO BEAM
0900-1100	Optimize injection.	Emery Sajaev	Stored Beam & Injection
1100-1500	Study beam histories with bunch train.	Emery Sajaev	Stored Beam & Injection
1500-1900	Perform tune scans.	Emery Sajaev	Stored Beam & Injection
1900-2100	Test PAR ACM waveform.	Yao	Stored Beam & Injection
2100-2400	BPLD studies	Emery Sajaev	Stored Beam & Injection
	Tuesday, 6/10/08		
0000-0300	Model measurement.	Sajaev	Stored Beam & Injection
0300-0600	Set-up S35 Photon Monitor for User Run	Yang	Stored Beam & Injection
0600-0800	Prepare for user run.	OPS	Stored Beam & Injection