

Machine Studies

Draft Schedule for Run02-1, 2011

May 25th 0800 - June 1st 0800

Time	Descriptions	Studiers	SR Status
	Tuesday, May 24 (before studies)		
0900-2400	Set up to store beam & rf conditioning with beam	Sajaev/Schroeder/OPS	Stored beam & inj.
1200-1600	Tune up SR tune measurement with the new stripline	Yao	Stored beam & inj.
1600-1800	S35BM pinhole camera setup for machine start up Greater than 50mA	Yang	Stored beam & inj.
	Wednesday, May 25, 2011		
0000-0800	RF conditioning with beam		
0800-1100	BPLD Validation	Bui	Stored Beam & Injection
1100-1300	X-ray BPM checkout	Hahne	Stored beam & occ. inj.
1300-1730	Initial BPM checkout	Decker	Stored beam & inj.
1730-2200	Access to install cooling collars on S37 spool piece and infrared camera	Hoyt, et al Erwin, et al	No beam
2200-2330	RF conditioning with 24 singlets	Harkay, Schoeder, OPS	Stored beam & inj.

2330-2400	Move thermocouple to downstream bellows in S37	OPS, Erwin	Access Zone F
2100-2300	Initial check-out of beam loss monitor at S4 (multiple beam dumps) MOVED	Yang	Stored beam & inj.
2300-2400	Orbit recovery MOVED	Sajaev	Stored beam & inj.
Thursday, May 26, 2011			
0000-0300	Orbit recovery continued MOVED	Sajaev	Stored beam & inj.
0000-0200	Move thermocouple to downstream bellows in S37	OPS, Erwin	Access Zone F
0200-0800	Continue RF conditioning with beam (24 singlets)	Harkay, Schroeder, OPS	Stored beam & inj.
0300-0500	Injector training CANCELLED	Mazzio	Limited Injection
0500-0730	test P0 feedback applications-Cancelled (may run parasitic to some other study).	Yao, Shang	Stored beam & inj.
0800-1200	PSS shutter tests	SI Group	No Beam
1200-1600	Orbit recovery	Sajaev	Stored beam & inj.
1600-2000	Set-up 24 singlets	Sajaev	Stored beam & inj.
2000-2200	Initial check-out of beam loss monitor at S4 (multiple beam dumps)	Yang, Dooling	Stored beam & inj.
Friday, May 27, 2011			

0000-0200	Injector training (23-07)	Mazzio	Limited Injection
0200-0600	CPU tune measurement	Emery, Dong	Stored beam, occ. inj.
0600-1200	CPU coupling measurement	Emery, Dong	Stored beam, occ. inj.
0800-1200	Run booster corrector bump scan with updated script	Yao Shang	Need booster inj.
1200-1500	MIA data acquisition with low current single bunch	Wang, C.	Stored beam & inj.
1500-2300	Intermediate BPM checkout	Decker	Stored beam & inj.
2300-2400	Injector training (23-11)	Bogdan	Limited Injection
Saturday, May 28, 2011			
0000-0100	Injector training (23-11) (continued)	Bogdan	Limited Injection
0100-0700	BPM offset measurements	OPS	Stored beam & occ. inj.
0700-1100	Bunch Train, Fast Ion Study, special fill pattern	Chae, Harkay, Yao	Stored beam & inj.
1100-1500	Decoherence measurements of single and multiple bunches. (Need IK5, P0 feedback)	Harkay, Yao	Stored beam & inj.
1500-1900	Real-time feedback studies	Decker, Carwardine	Stored beam & inj.
1900-2400	Top-up verification	Ops	Stored beam & inj.

Sunday, May 29, 2011			
0000-0300	Top-up verification	OPS	
0300-0500	Injector training (23-11)	Bogdan	Limited Injection
0500-0900	OPEN		
0900-1100	SR re-qualification	LaBuda/ Schroeder	Stored beam & inj.
1100-1300	SR re-qualification	Sutton/ Schroeder	Stored beam & inj.
1300-2400	OPEN		
Monday, May 30, 2011			
0000-0200	Injector training (23-07)	Bogdan	Limited Injection
0200-0400	SR re-qualification	Forth/LaBuda	Stored beam & injection
0400-0900	OPEN		
0900-1400	CPU orbit correction	Emery/Dong	Stored beam & inj.
1400-2000	SR damping rate measurement with kick method	Yao, Harkay	Stored beam & inj.
2000-2200	Operator re-qualification	Karl/Sutton	Stored beam & inj.
2200-2400	Setup RHB lattice	Sajaev	Stored beam & inj.

	Tuesday, May 31, 2011		
0000-0200	Setup RHB lattice	Sajaev	Stored beam & inj.
0200-0400	Injector training (23-07)	Bogdan	Limited Injection
0400-0700	OPEN		
0700-0800	Waveguide switch & MPS validation for RF3&RF4	RF Group/Flood or M. Smith	No beam
0700-0800	Replace water fittings at S15B:Q5:PS	Reinke/Vargas	No beam
0800-1200	Final BPM set-up (24 bunch user orbit top-up)	Decker	Stored beam & inj.
1200-1400	AM Noise Suppression Studies, Needs one additional injection	Berenc	Stored beam & occ. inj.
1200-1400	Injector training (07-15)	Mazzio	Limited injection
1400-1600	S35BM pinhole camera setup for user run	Yang	Stored beam & inj
1600-1800	S35ID/S36AM bunch purity monitor setup for user run	Yang	Stored beam & inj
1800-2200	Calibration and set up beam dump loss monitor (frequent beam dumps & fills)	Yang	Stored beam
2200-0200	Decoherence measurements of single and multiple bunches. CANCELLED	Harkay, Yao	Stored beam & inj.
2200-2400	Set-up hybrid	Sajaev	Stored beam & inj.

	Wednesday, June 01, 2011		
2400-0200	Set-up hybrid	Sajaev	Stored beam & inj.
0200-0600	Final setup, right before the beginning of user operation	Sajaev	Stored beam & inj.
0600-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection