

Machine Studies

Draft Schedule for Run03-1, 2010

September 28th 0800 – October 5th 0800

Time	Descriptions	Studiers	SR Status
	(Pre-Studies) Monday, September 27, 2010		
0900-1000	Set-up to store initial beam, MPS validation with beam		
1000-2400	RF condition with beam to 115mA	OPS	Stored beam & injection
1600-2000	Initial pinhole camera setup >50mA (parasitic)	Yang	Stored beam
	Tuesday, September 28, 2010		
0000-0800	SR conditioning with Beam		
0800-1200	BPLD validations (change MPS to 105mA before start)	Bui	Stored beam & inj.
1200-1600	Initial XBPM checkout	Hahne	Stored beam & occ. inj.
1200-1400	Check BESOCM noise from PAR septum	Yao, Donley	Occ. injection possible
1400-1800	Test Booster BM ramps	Yao	Occ. injection possible
1800-2400	OPEN		
	Wednesday, September 29, 2010		
0000-0600	OPEN		
0600-1200	Initial BPM checkout	Decker, Bui	Stored beam & inj.
1200-1800	S35 digial camera studies	Yang	Stored beam
1200-1300	Linac training	Schewe, Pasky	Limited injection
1300-1700	Test Soft current regulation on Booster BM	Yao, Wang, Shang	No injection
1800-2200	Initial Orbit recovery	Xiao	Stored beam & inj.
2200-2400	Correct beta functions for 24 singlets	Sajaev	Stored beam & inj.

	Thursday, September 30, 2010		
0000-0200	Initial Orbit recovery	Sajaev/Xiao	Stored beam & inj.
0200-0600	OPEN		
0600-0800	Test changes to iocsrmon	DiMonte	No beam
0630-7:45	Troubleshoot a problem with starting pump 301 (P.S. and RF off)	Wright	No injection
0800-1200	Initial 29 Rogue Microwave studies	Decker, Lill	Stored beam & inj.
1200-1300	13-ID-C survey with 100mA (shutter permit needed)	Wyncott, Vacca	Stored beam
1300-1700	Test P0 feedback PEM and test system	Yao	Stored beam & inj.
1700-1900	Linac training (15:00-23:00)	Schewe	Limited injection
1900-2400	CPU Check-up	Xiao	Stored beam & inj.
	Friday, October 01, 2010		
0000-0100	CPU Check-up	Xiao	Stored beam & inj.
0100-0800	OPEN		
0800-1000	Check Chain C summation signal for Zones A and F.	Forrestal	No Beam
0800-1000	Measure CMPSI setpoint timing and polarity at S10A:H1	Fors	No beam
0800-1000	Replace damaged converter P2 cables in zone B	P.S. Group	No beam
0800-0830	Prepare for Zone A & Zone F access	OPS	No beam
0830-0930	Install lead shield and BLM detector at 5-ID BLM test area	Erwin/Yang	Access Zone A
0800-1200	RFG kicker validation	Shang	No Injection
0800-1200	PSS shutter checkouts	SI group	No Beam
0800-1200	Study Booster Dipole I & V ripple	Feng	Booster Access
0900-1100	Replace camera at BTS:FS5	Dombrowski/ Berg	Access Zone F
1200-1800	Final BPM system check-out (Top-up)	Decker	Stored beam & inj.
1800-2000	OPEN		
2000-2400	Test new CPU software	Xiao	Stored beam & inj.

Saturday, October 02, 2010			
000-0400	setup hybrid (return to standard 24 singlets after study)	Xiao	Stored beam & inj.
0400-2000	OPEN		
2000-2400	Operational Top-UP check	OPS	Stored beam & inj.
Sunday, October 03, 2010			
2400-0800	Operational Top-up check	OPS	Stored beam & inj.
0800-2200	open		
2200-2400	Optimize injection and measure model	Sajaev	Stored beam & injection
Monday, October 04, 2010			
0000-0200	Optimize injection and measure model	Sajaev	Stored beam & inj.
0200-0600	Continue testing APS lattice upgrade	Sajaev	Stored beam & inj.
0600-1000	repairs to Booster Pump contactor P- 301	MOM Group	No injection
0830-0900	IOCsrmn reboot	DiMonte	No impact
1000-1400	S29 Rogue Microwave studies	Lill	Stored beam & inj.
1400-1600	ID gap scans (top-up needed)	Schroeder	Stored beam & inj.
1600-1700	Position the UC/HEP circuit board	Dooling/HP	Access Zone F
1700-2300	Final S35 setup	Yang	Stored beam & inj.
2300-2400	Setup RHB	Xiao, Sajaev	Stored beam & inj
Tuesday, October 05, 2010			
0000-0230	Setup RHB	Xiao, Sajaev	Stored beam & inj
0230-0630	Test failed sextupole correction	Sajaev	Stored beam & inj.
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection