

Machine Studies

Draft Schedule for Run03-1, 2015

September 29 0800 – September 6 0800

Time	Descriptions	Studiers	SR Status
Tuesday, September 29, 2015			
0800-1200	Initial pinhole camera setup	Yang	RF condition
1600-2000	BPLD validations	Erwin	Stored Beam & Injection
2000-2400	X-ray BPM checkout	Hahne	Stored Beam & Injection
Wednesday, September 30, 2015			
0000-0400	Initial lattice and injection setup	Sajaev	Stored Beam & Injection
0400-0800	Orbit Recovery	Xiao	Stored Beam & Injection
0800-1000	S27/28 BPM offset measurement	Xiao	Stored Beam & Injection
1000-1200	Test CollectRFSpectrum using MXA and S4 stripline sum signal re-connected to MUX	Harkay/Emery /Shang/Yao	Stored Beam
1200-1800	Booster beam optimization with the new corrector ramps	Yao/Shang	Limited Injection
1800-2300	35-ID GRID-XBPM conditioning	Yang	Stored Beam & Injection
2300-2400	CPU checkout - 1	Xiao	Stored Beam & Injection
Thursday, October 1, 2015			
0000-0500	CPU checkout - 1	Xiao	Stored Beam & Injection
0500-0700	Open		
0700-0800	Prepare for accesses, pump switches, etc.	OPS	No beam

0700-0900	investigate the loss of a Gespac power supply of Gespac card in SR sector 25 cabinet 4	Puttkammer	No beam
0800-0900	Switch to back-up pumps for 507 and 535 to repair seals on primary pumps (P.S. Sectors 8-11 and Sectors 36-39 should be set to zero	Wright	No beam
0800-1000	Troubleshoot power supply ripple in B3C0H	Hillman	No beam
0800-1200	Investigate why 30ID PS1 will not open. Will require Access to the Front End through the ratchet door.	McNamara	No beam
0800-0900	RF waveguide switch	RF Group	No Beam
0800-1200	Laser alignment	Dooling	Linac access
0900-1100	Investigate need to run RF5 at higher reflected power than in past with no beam	Berenc/Horan	No beam
1130-1200	Prepare for Booster access	OPS	No injection
1200-1400	PAR radiation monitor evaluation includes Booster Access	Yao/Vacca	No Injection -- Booster access
1400-1600	Test new booster BPMs	Yao/Pietryla/Bui/Shang	No Injection
1600-2100	24-ID Compton XBPM study	Yang	Stored Beam & Injection
2100-2400	CPU checkout - 2	Xiao	Stored Beam & Injection
Friday, October 2, 2015			
0000-0500	CPU checkout - 2	Xiao	Stored Beam & Injection
0500-0800	Open		
0800-1200	Investigate need to run RF5 at higher reflected power than in past with no beam	Berenc/Horan/Yao	Limited injection
1200-1800	1Hz injector test	Yao/DiMonte/Shang	No Injection
1800-2100	OPEN		
2100-2400	22-ID XBPM baseline studies for future upgrade	Yang	Stored Beam & Injection

Saturday, October 3, 2015			
0000-0100	22-ID XBPM baseline studies for future upgrade (continued)(Yang	Stored Beam & Injection
0100-1000	OPEN		
1000-1800	IEX checkup	Xiao	Stored Beam & Injection
1800-2000	Final orbit check out	Xiao	Stored Beam & Injection
2000-2400	Top-up checkout	Ops	Stored Beam & Injection
Sunday, October 4, 2015			
0000-0800	Top-up checkout	Ops	Stored Beam & Injection
0800-1200	Booster DC ramp mode test	Yao	No Injection
1200-1600	Pinhole camera and bunch purity monitor setup for user operations	Yang	Stored Beam & Injection
1600-2400	Open		
Monday, October 5, 2015			
0000-0200	Open		
0200-0500	BBA for the SCU0 & SCU1 chambers. & SCU0 skew quad FF compensation checkout	Harkay	Stored beam & injection
0500-0800	48 bunches instability vs HOM spectra	Harkay	Stored Beam & Injection
0800-0900	RF waveguide switch	RF Group	No Beam
0900-1100	Operator Qualification	Schroeder	Stored Beam & Injection
1100-1400	ICT timing for PC Gun	Dooling/Sun	No Injection
1400-1800	High Energy study of linac	Sun/Pasky	No Injection
1800-2400	Final lattice and injection setup	Sajaev	Stored Beam & Injection
Tuesday, October 6, 2015			
0000-0600	Abort kicker beam dump/loss study	Harkay/Dooling/Sajaev	Stored Beam & Injection
0600-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection