

Machine Studies

Draft Schedule for Run01-1, 2015

January 27th 0800 – February 3rd 0800

Time	Descriptions	Studiers	SR Status
Tuesday, January 27, 2015			
0800-1200	BPLD validations	Erwin	Stored Beam & Injection
1200-1600	X-ray BPM checkout	Hahne	Stored Beam & Occ. Injection
1600-2000	Initial BPM checkout	Sereno	Stored Beam & Injection
2000-2400	Initial lattice and injection setup (before orbit recovery)	Sajaev	Stored Beam & Injection
Wednesday, January 28, 2015			
0000-0400	Orbit recovery	Xiao	Stored Beam & Injection
0400-0600	Booster training (00-07)	Henry	Limited Injection
0400-0800	BPM offset measurement	Xiao	Stored Beam & Injection
0800-1000	SR training (07-15)	Frausto	Limited Injection
1000-1200	PEM testing with beam	Schroeder	Stored Beam & Injection
1200-1600	Orbit clean up	Sajaev	Stored Beam & Injection
1600-1800	Set-up P0 feedback	Yao	Stored Beam & Injection
1800-2000	SCU0 skew quad FF checkout	Harkay	Limited Injection
2000-2400	Fractional Tune Scan on beam lifetime	Sun/Emery/Shang	Stored Beam & Injection
Thursday, January 29, 2015			
0000-0500	ID4 physical aperture	Emery	Stored Beam & Injection

0500-1200	Replace RF gun 1	Pasky, MOM, Diag	Access Linac
0830-0900	Radiation surveys for RF systems at full power	Vacca	Access Zone E
0800-1000	Measure water flows on SR Raw power supplies in Zone C	Puttkammer	No beam
0915-1030	Replace air cylinder at 35BM	Gagliano	Access Zones E & F
0915-1030	Replace IR camera in S38 RF Cav.	McKenzie/Wright	Access Zone F
0915-1030	SR RF Waveguide switch	Berenc	No beam
0930-1100	Inspect 4-ID vacuum chamber	Grimmer, et al	Access Zone A
0900-0930	Adjust MPS "hard" limit to 105mA	Flood	No beam
1000-1200	swap out the Gespac power supply crate in sector 39 cabinet 1	Puttkammer	No beam
1030-1200	Bring up SR RF systems and check-out	Berenc	No beam
1100-1200	Check the external current monitoring for the SR Dipole power supply	Puttkammer	No beam
1200-1800	Hybrid lattice setup and 20mA test	Sajaev	Stored Beam & Injection
1800-2200	ID1 fast FO BLM response to variations in IK1 amplitude	Dooling/ Harkay	Stored Beam & Injection
2200-2300	IK1 kick calibration measurements with BPMs	Dooling/ Harkay	Stored Beam & Injection
2300-2400	IEX checkup	Xiao	Limited Injection
Friday, January 30, 2015			
0000-0600	IEX checkup	Xiao	Limited Injection
0000-0400	Booster efficiency study	Yao	Limited Injection
0400-0600	Linac training (00-07)	Henry	Limited Injection
0600-1000	ID4 local impedance measurement	Sajaev	Stored Beam & Injection
1000-1300	RF gun 1 connection and tuning	Pasky, MOM	Access Linac

1300-1700	PC Gun work	Dooling	Access Linac
1700-2100	Calibration of US and DS fast ID1 BLMs and evaluation of spatial effects	Dooling/ Harkay	Stored Beam & Injection
2100-2300	SR training (15-23)	Frausto	Limited Injection
2300-2400	RF Gun 1 conditioning	OPS	Limited injection
Saturday, January 31, 2015			
0000-0600	RF Gun 1 Conditioning	OPS	Limited Injection
0600-0800	Current limit vs P0 feedback power	Yao	Stored Beam & Injection
0800-1200	PAR vertical beam size growth study	Yao	Limited Injection
1000-1800	CPU correction	Xiao	Limited Injection
2100-2300	SR training (11-23)	Frausto	Limited Injection
2300-2400	Open		
Sunday, February 1, 2015			
0000-1000	Top-up checkout with SCU0	Ops	Stored Beam & Injection
1000-1800	CPU correction	Xiao	Limited Injection
2100-2300	SR training (11-23)	Frausto	Limited Injection
2300-2400	Open		
Monday, February 2, 2015			
0000-1000	Top-up checkout with SCU0	Ops	Stored Beam & Injection
1000-1400	Setup of pinhole camera and bunch purity monitor for operations	Yang	Stored Beam & Injection

1400-2000	GRID-XBPM calibration studies for revolver in Sector 35	Yang	Stored Beam & Injection
2000-2400	Final lattice and injection setup	Sajaev	Stored Beam & Injection
	Tuesday, February 38, 2015		
0000-0200	ID4 field error measurement	Xiao	Limited Injection
0200-0600	Final orbit checkup & ID corrections	Xiao	Stored Beam & Injection
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection