

Machine Intervention

Draft Schedule for Run02-1, 2015

May 26th 0800 – May 27th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, May 26, 2015			
0800-1300	Create Linac files/ activate RG-2	Pasky, Sun	Stored Beam & Injection
0800-1000	Install and test “Valid” PV’s for GridXbpms	Lenkszus	No Beam
0830-0930	Flip ID4 canted PM	Grimmer	Access Zone A
0800-1200	Fix valve in S26	Wright	S25-28 PS off
0800-1000	Test booster injection in DC-standby mode	Yao/Puttkammer	No beam
1000-1030	Replace module in iocmtime	Lenkszus	No Beam
1330-1530	Reinstall optics	Dooling	Access Linac (may be bumped if RFG work dictates)
1600-2000	Turn-by-turn BPM scripts and test for inclusion of S1 BPMs	Sajaev	Stored beam & injection
2000-2200	SR training (15-23)	Frausto	Limited Injection
2200-2400	OPEN		
Wednesday, May 27, 2015			
0000-0700	OPEN		
0700-1200	BPLD validationss	Erwin	Stored Beam & Injection
1200-1500	X-ray bpm checkout	Erwin	Stored Beam & Injection

1500-1700	ID4 aperture	Emery	Stored Beam & Injection
1700-1900	ID1 aperture (more detailed than the SCU1 commissioning)	Emery	Stored Beam & Injection
1900-2300	Install non-symmetric sextupoles from Jan for regular 24 singlet running.	Emery	Stored Beam & Injection
2300-2400	optics correction, coupling correction on the above	Sajaev	Stored Beam & Injection
Thursday, May 28, 2015			
0000-0300	optics correction, coupling correction on the above	Sajaev	Stored Beam & Injection
0300-0700	Orbit recovery	Xiao	Stored Beam & Injection
0700-0900	BPM offset measurement	Xiao	Stored Beam & Injection
0900-1000	Check out hardware and triggering abort kicker	Wang, Lenkzsus	No beam
1000-1200	MPS + kicker beam dumps with HP radiation measurements in S39, etc.	Harkay, Dooling, Vacca	Stored beam & injection
1200-1330	MPS rf bypass + kicker beam dumps	Harkay, Dooling, Horan	Stored beam & injection
1330-1400	restore MPS and do MPS validation.	Horan/OPS	No beam
1400-1800	PAR ion effect investigation. PAR and Booster beam	Yao, Calvey, Harkay	Occasional injection
1400-1800	Test SCU0 without beam	MD Group	No beam
1400-1800	Test SCU1 without beam	1-ID beamline	No beam
1800-2200	Check efficiency versus tune	Emery	Stored beam & injection
2200-2400	ID4 impedance by local bump	Emery	Stored beam & injection
Friday, May 29, 2015			
0000-0200	ID4 impedance by local bump	Emery	Stored beam & injection
0200-0800	CPU checkout I	Xiao	
0800-1300	Intermediate lattice correction	Sajaev	Stored beam & injection

1300-1700	Commission BSP100 BPs and measure response	Yao, Shang, Pietryla, Bui	Limited injection
1700-2100	measure booster charge dependent tune shift of 132 nm lattice. Booster beam.	Yao	Stored beam
2100-2400	DC-mode booster beam test. Booster injection only	Yao	Stored beam
Saturday, May 30, 2015			
0000-0200	Storage ring training (Frausto)	Frausto	Stored beam & injection
0200-0800	Test of Compton X-ray BPMs at 24-ID (shutter open)	Yang	Stored beam & injection
0800-1200	more detailed injection efficiency	Emery	Stored beam & injection
1200-1800	CPU checkout II	Xiao	Stored beam
1800-2200	X-ray BPM checkout	Erwin	Stored beam & injection
2200-2400	Top-up Verification	OPS	Stored beam & injection
Sunday, May 31, 2015			
0000-0800	Top-up Verification	OPS	Stored beam & injection
0800-1000	Storage ring training (2300-1100)	Frausto	Stored beam & injection
1000-1800	IEX checkout	Xiao	Stored beam
1800-2400	BPM offset measurements (or Top-up Verification if needed)	OPS	Stored beam & injection
Monday, June 1, 2015			
0000-0500	BPM offset measurements (or Top-up Verification if needed)	OPS	Stored beam & injection
0500-0700	Storage-ring training	Frausto	Stored beam & injection
0700-1000	PAR radiation survey with 1 nC charge. PAR beam	Yao, Vacca	No injection
0800-1000	Continuation of IOCs36cav hang-up issues	Di Monte	No beam
1000-1800	ID-1 & SCU1 checkout with 1-ID beamline (shutter permit needed)	Emery, OPS, 1-ID	Stored beam & injection

1800-2000	SCU0 feedforward check-out	Harkay	Stored beam & injection
2000-2200	Final S35-BM pinhole camera set-up	Yang	Stored beam & injection
2200-2400	Bunch purity set-up	Yang	Stored beam & injection
Tuesday, June 2, 2015			
0000-0500	Final lattice set-up	Sajaev	Stored beam & injection
0630-0800	Prepare for User operations	OPS	Stored beam & injection