

Machine Studies

Draft Schedule for Run02-5, 2015

July 3rd 0800 - July 7th 0800

Time	Descriptions	Studiers	SR Status
Friday, July 3, 2015			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
1000-1400	Booster chromaticity measurement and tuning.	Harkay, Yao	No SR studies
1400-1700	Booster BSP 100 response measurement (injection possible)	Yao	Stored Beam
1700-2100	Orbit switch to 324 singlets	Xiao	Stored Beam & injection
2100-2300	OPEN		
2300-2400	SR operator training(2300-1100)	Frausto	Stored Beam & injection
Saturday, July 4, 2015			
0000-0400	single bunch lifetime while polarization is occuring. remotely	Emery	Stored Beam & injection
0400-1600	OPEN		
1600-2400	investigate CPU coupling variation	Xiao	Stored beam & occ. injection
Sunday, July 5, 2015			
0000-0200	SR operator training(2300-1100)	Frausto	Stored Beam & injection
0200-0800	Beam Spectra recording (remotely)	Sajaev	Stored Beam & Injection
0800-0900	27-ID orbit feedback test for user operations	Yang, Sereno	Stored beam & injection
0900-1500	Compton XBPM studies (shutter permit needed)	Yang, Sereno	Stored beam & injection

1500-1900	SCU1 BLM calibration, single bunch	Harkay, Dooling	Stored beam & injection
1900-2400	SCU0: simulate 130 mA (Cu bar heater), 650 A coil current, measure LHe pressure. 100 mA, 24 bunches, topup	Harkay, OPS	Stored beam & injection
Monday, July 6, 2015			
0000-0500	SCU0: simulate 130 mA (Cu bar heater), 650 A coil current, measure LHe pressure. 100 mA, 24 bunches, topup (continued)	Harkay, OPS	Stored beam & injection
0500-0700	SR operator training(2300-1100)	Frausto	Stored Beam & injection
0730-0800	Shutdown P.S. (including raws) affected by process water pump trips in S1-6	OPS	No beam
0800-1200	Shut down Emergency Motor Control Center X1-1 (EMCC-X1-1) and install exhaust fan in S2 (PW pumps S1-6 may be affected, AHU 501&502 affected, etc)	Stevens, Andy	No beam
0800-0830	Prepare for Zone F Access	OPS	No beam
0800-1100	Troubleshoot iocrfcavs36	DiMonte, Sluiter	No beam
0800-1100	Test device support on RF1 amplifier with ACIS tripped	DiMonte	No beam
0830-1100	Replace blower for RF S38Cav1 & S40Cav2	McKenzie, Pace	Zone F Access
0800-1000	Swap out SR Quads for IGBT upgrade in sector 10:11	Ackley	No beam
0800-1000	Repair water leak in sector 23 cabinet 1	Vargas	No beam
0800-0830	Reset the Interleaving power supplies DSP's	Donkers	No beam
0800-0900	Check the Linac BPM timing fiber signal	Keane	No Linac Beam
0900-1200	PAR ion effect study	Yao, Harkay, Calvey	No SR beam
1200-1400	PAR phase shifter investigation	Emery, Lenkszus, DiMonte	Stored beam & injection
1400-1600	Verify orbit after phase shifter problem corrected	Xiao	Stored beam & injection
1600-2000	Diamond blade thermal imaging studies	Yang	Stored beam &

	at 24-ID (shutter permit needed)		injection
2000-2400	Mombo Scans	Sereno	Stored beam & injection
Tuesday, July 7, 2015			
2400-0200	SR operator training(2300-1100)	Frausto	Stored Beam & injection
0200-0600	single bunch lifetime while polarization is occurring, remotely	Emery	Stored Beam & injection
0630-0800	Prepare for User beam (324 singlets)	OPS	Stored Beam & Injection