



Machine Studies

Draft Schedule for Run03-9, 2016

December 5th 0800 – December 6th 0800

Time	Descriptions	Studiers	SR Status
	Monday, December 5, 2016		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1030	Vacuum leak check by closing valves	Gagliano	No Beam
0930-1130	Evaluate PAR RF-1 drive amp	RF Group	No Injection
0930-1000	Initial check of IS1 (repairs will continue without power during the Zone F access)	Goetzen	No injection
0930-1130	Replace LLRF DCPS chassis at L3	RF Group	No injection
0930-1130	Swap BS2 sextupole converters Zone A/F	Ackley	No Beam
1000-1100	Sector 7 piping inspections	Merritt, MOM	Access Zone A
1000-1200	Investigate/repair BSS8 in Zone A	Belcher	Access Zone A
1000-1300	bumpless FF corrector PVs. no SR beam using p.s. not in Zone A or F	Xu, Fors, Emery	No beam
1030-1430	Leak check in Zone F	Gagliano	Access Zone F
1200-1300	Measure bellows upstream of L2:AS2	Bromberek	Access Linac
1300-1400	Test feedforward in S6	Shang	No beam

1330-1430	investigate Linac modulator (L3) high voltage response times	Pietryla	No impact
1430-1500	Recover storage ring to verify injection and stored beam (co-ordinated with below)	OPS	Stored Beam & injection
1500-1600	Continue troubleshoot SR IS1 intermittent fault (if necessary)	Goetzen	No Beam
1500-1600	Mechanical motion (if above not needed)	Sereno, Shang	Stored Beam
1600-1700	Aperture scan	Emery	Stored Beam & Injection
1700-1800	324 bunch instability measurement with Berkley equipment	Harkay, Berenc, Emery	Stored Beam & Injection
1800-2100	Booster high-charge studies with cavity detuning at 6 GeV	Harkay, Berenc, Calvey	No SR injection
1800-2100	sector 27 IBS studies (324 singlets, no injection)	Sereno, et al	Stored beam
2100-2400	Switch orbit to 24 singlets	Xiao	Stored beam & injection
Tuesday, December 6, 2016			
0000-0100	Switch orbit to 24 singlets	Xiao	Stored beam & injection
0100-0400	Hybrid checkout	Sajaev	Stored beam & injection
0400-0700	Smith predictor on datapool	Emery	Stored beam
0500-0700	test interleaving magnet bucking coil operation	Dooling	Occ. Inj. possible
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection

