

Machine Studies

Draft Schedule for Run03-5, 2012

October 29th 0800 – October 31st 0800

Time	Descriptions	Studiers	SR Status
	Monday, October 29, 2012		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder/O PS	Stored Beam & Injection
0930-1330	Troubleshoot problem with AGC loop for RF3/S36/S37	RF Group	No Beam
0930-1130	Linac studies -- water station PID loop tuning automation	Pasky/Sereno	No injection
0930-1330	Waveguide switches to verify RF-1 phase loop and back	RF Group	No Beam
0930-1030	AHU work for S37/38	Erwin/FMS	No Beam
0930-1130	Replace filters on S5&6 vacuum chamber cooling water skid	Swetin	No beam
0930-1230	Testing IEX control	Xiao	No beam
0930-1330	Replace the ECF diode stack in BES2 Septum power supply	Deriy	No Beam
0930-1330	Move the external current monitors on SR Sextupoles in Zone E	Wang	No Beam
0930-1330	Investigate glitchy read-backs in	Fors	No Beam

	S40AQ5 converters and script testing		
0930-1330	Upgrade the Canted Corrector cooling fans in sector 12 and 34	Puttkammer	No Beam
0930-1330	Investigate why L1:QM2 power supply won't turn on remotely	Donkers	Limited Injection
0930-1130	Conduct B&K Modulator Module measurements at RF2, RF3 and RF4	Berenc	No beam
0930-1430	Replace valve & actuator in S13/14 Vacuum chamber water skid (water skid shutdown)	Putnam	No beam
1000-1030	Switch process water pump for S35/36	Wright	No Beam
1100-1630	Booster main ramp ADC test (Limited injection from 14:30)	Yao/Wang/ S. Xu/Shang	Limited Injection
1330-1430	PAR requalification	Pasky/ACO	Limited injection
1430-1630	Tune PID loop for S13/14 vacuum chamber water skid	Putnam	Stored beam
1430-1630	Set-up pinhole camera	Yang	Stored beam
1630-1830	Set-up P0 feedback for hybrid	Yao	Stored beam & injection
1830-2400	SCU0 thermal studies with 6BM steering	Harkay/Boon	Stored beam & injection
	Tuesday, October 30, 2012		
0000-0400	Orbit recovery	Xiao	Stored beam & injection

0400-0800	CPU studies	Xiao	Stored beam & inj.
0800-1000	test a few storage ring feedback iocs' upgrade with beam	S. Xu, Lenkszus	Stored beam & injection
1000-1030	Set-up for 130mA study	OPS/Schroeder	Stored beam & inj.
1030-1430	130mA study, 24 singlets	Harkay/Schroeder	Stored beam & inj.
1030-1430	record pressure and BLM data during the 130 mA study.	Dooling	Stored beam & inj.
1430-1500	Recover from 130mA study	OPS/Schroeder	Stored beam & inj.
1500-1600	test switch chromaticity app	Yao/Shang	Stored beam & inj.
1600-1800	Single bunch accumulation limi	Yao	Stored beam & inj.
1800-2000	FPGA BPM based optics correction. Low current single bunch with occasional injection	C. Wang	Stored beam & inj.
2000-2400	IEX studies	Xiao	Stored beam & injection
Wednesday, October 31, 2012			
0000-0100	IEX studies	Xiao	Stored beam & injection
0100-0700	Continue impedance lattice studies	Sajaev	Stored Beam & injection

0700-0800	Prepare for User beam	OPS	Stored Beam & Injection
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