

Machine Studies

Draft Schedule for Run02-7, 2019

July 15th 0800 – July 17th 0800

Time	Descriptions	Studiers	SR Status
Monday, July 15, 2019			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0900-1700	Install LtL stop(PAR access) 9:00-14:00/ Recovery and Rad survey (Booster access) & Booster recovery 14:00-17:00	Hoyt, SI, MOM	Access Par & booster
0930-1030	RF waveguide switch from RF1 to RF4	RF Group	No Beam
0930-1030	Swap out S29B:H1 corrector P.S.	Puttkammer	No Beam
0930-1130	Replace cabinet 5V control power supply	Ackley/Jordan	No Beam
0930-1130	Troubleshoot RF5 1400V A-phase readback	RF Group	No Beam
0930-1130	Replace RTD for RF-2 process water	Putnam	No Beam RF off
0930-1130	Replace S33-34 control valve actuator	Putnam	No Beam
0930-1130	Move temperature measurement system in S8	Erwin	No Beam
1015-1100	Troubleshoot 20-BM shutter	Gagliano	Access Zone C
1100-1300	Test booster lattice switch pem 2 Hz to 1 Hz and back; measure SD-U, SF-U dI/I error.	Yao, Calvey, Harkay	No beam needed
1115-1230	Replace S38 Cavity #2 Blower	MOM	Access Zone F
1300-1500	test sr feedback ioc software, may reboot	S. Xu	No beam

	all feedback iocs (all SR P.S. need to be on)		
1500-1700	Software testing for ID gap feedforward for energy loss.	Emery/Shang	Beam not necessary
1700-2100	tune SR to booster rf phase, fill 24 bunches to 80-100 mA, no topup and measure bunch purity, high resolution	Harkay, Yang, Emery	Stored beam & occ. injec.
2100-2300	Set up injectors in 1 Hz for 2 nC and fill storage ring in 324- and 24-bunch fill patterns	Harkay	Stored beam & injection
2300-2400	Injector training (23-07)	Bogdan/Orne	Stored Beam & Injection

Tuesday, July 16, 2019

0000-0100	Injector training (23-07)	Bogdan/Orne	Stored Beam & Injection
0100-0600	Set up hybrid	Emery, Xiao, Sajaev	Stored Beam & injection
0600-1000	Orbit switch	Yipeng Sun	Stored Beam & Inj.
1000-1300	beam-based orbit response measurements at S27/28 with long-duration corrector drive waveform	Carwardine, Fors, Veseli	Stored Beam & Inj.
1300-1600	test SR bunch cleaning with TFB+VSA chirp	Yao	Stored Beam & inj.
1600-1800	SR training (15-23)	LaBuda/Davis	Stored Beam & Injection
1800-2400	HOM search	Emery Kallakuri	Stored beam & occ. inj.
1800-2400	BTS measurement	Xiao	Occ inj. possible

Wednesday, July 17, 2019

0000-0100	HOM search (continued)	Emery Kallakuri	Stored beam & occ. inj.
0100-0630	Commissioning tests	Sajaev	Stored beam & inj.
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection