

Machine Studies

Draft Schedule for Run03-1, 2022

September 30th 0800 – October 3, 0800

Time	Descriptions	Studiers	SR Status
Friday, September 30, 2022			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Hahne/Sereno	Stored Beam & Injection
1000-1100	Update pump software	Wright	RF and some PS off
1000-1100	Reboot iocs5fb iocs7fb	Xu	No Injection
1000-1100	Reboot iocinjtime	Hong	No Injection
1100-1200	Tune up PAR 1 Hz	Harkay	No Injection
1200-1500	Investigate SR injection efficiency PVs	Shoaf, Pietryla, Hong	Stored Beam & Injection
1500-1700	Bunch Purity checkout with 5 linac pulses, 2 Hz	Yipeng/Harkay	Stored Beam & Injection
1500-1700	Checking out 1 Hz	Harkay/OPS	Stored Beam & Injection
1700-1900	1Hz topup verification with compensated interval	Ops	Stored Beam & Injection
1700-1900	1Hz bunch purity verification in parallel with above	Yipeng	Stored Beam & Injection
1900-2100	Linac beam efficiency improvement	Yine	Stored Beam &

			No Injection
2100-2300	Linac training	Weber/Ronzhin	Limited Injection
2300-2400	6 GeV RHB-S7 checkout	Emery	Stored Beam & Injection
Saturday, October 1, 2022			
0000-0300	6 GeV RHB-S7-S35LoBetay setup	Emery	Stored Beam & Injection
0300-0700	6 GeV RHB-S7-S35HiBetay set[up	Emery	Stored Beam & Injection
0700-0900	Linac training	Schiltz/Weyer	Limited Injection
0900-1500	S25ID XBPM1 (324 bunches – limited injection later)	Yang	Stored Beam & Injection
1100-1300	Linac training	Weber/Ronzhin	Limited Injection
1500-1700	S27ID XBPM2 (324 bunches refill – shutter enable)	Yang and ID27 beamline	Stored Beam & Injection
1700-2000	Beam steering	Yipeng	Stored Beam & Injection
2000-2200	Dimtel input and output calibration	Emery	Stored Beam & Injection
2200-2400	S25ID XBPM1 and S27ID XBPM1/XBPM2	Yang	Stored Beam & Injection
Sunday, October 2, 2022			
0000-0400	S25ID XBPM1 and S27ID XBPM1/XBPM2	Yang	Stored Beam & Injection
0400-0600	Harmonic tuner FF checkout for PAR	Harkay	Stored Beam &

	5nC 2Hz		No Injection
0600-0800	Linac training	Schiltz/Weyer	Limited Injection
0800-1200	RG1 tune up	Yine	Stored Beam & No Injection
1200-1400	Measure bpm offsets around ID25	Yipeng	Stored Beam & No Injection
1200-1400	Linac training	Weber/Ronzhin	Limited Injection
1400-2000	Check archiver connections	Kuklev	Stored Beam & Injection
2000-2200	Bunch Purity checkout with 5 linac pulses, 2 Hz operations	Yipeng/Harkay	Stored Beam & Injection
2200-2400	Open		
Monday, October 3, 2022			
0000-0700	Open		
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection