

Machine Studies

Draft Schedule for Run03-9, 2022

December 5th 0800 – December 7th, 0800

Time	Descriptions	Studios	SR Status
Monday, December 5, 2022			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
0900-1030	Linac console	Fystro/Weber	Limited Injection
0930-1130	Process H2O diagnostics	Wright	No Beam SR PS at 0
1000-1200	25ID Gap troubleshooting	Xu, Gagliano	Access Zone D
1030-1230	Replace pinger magnet fan blower	Wright	Access Zone F
1030-1230	Test B:BM safety ramp	Wang, Yao	No Injection
1030-1230	Troubleshoot PAR BM supply	Puttkammer	No Injection
1030-1230	Check Linac GESPAC configuration	Ruan	Limited Injection
1030-1430	Install RF gun in ITS	Waldschmidt	No Injection
1030-1430	Install new K2 shutdown circuit	Meyer	No Injection
1430-1500	Recover SR	Ops	Stored Beam & Injection

1500-1600	P1 Bpm offset adjustments for 24 bunches	Emery	Stored Beam & Injection
1600-2100	Orbit switch from hybrid to 24 bunches	Yipeng	Stored Beam & Injection
2100-2300	Linac training	Weyer/Schiltz	Stored Beam & Injection
2300-2400	Optimize PAR injection eff in 1 Hz	Harkay	Stored Beam & Injection
Tuesday, December 6, 2022			
0000-0100	Check operator 1Hz/2Hz switch pem without restoring PAR Timing	Harkay	Stored Beam & Injection
0100-0500	Open		
0500-0700	SR training (23-07)	Berkland/Hotham	Stored Beam & Injection
0700-0730	Open		Stored Beam & Injection
0730-1130	Install RF gun in ITS	Waldschmidt	No Injection
0730-1130	APS-U survey network ties	Jansma	Authorized Access Zone C
1130-1200	Recover SR	Ops	Stored Beam & Injection
1200-1800	1 Hz/2 Hz topup checkout (details below)	Harkay et al	Stored Beam & Injection
1200-1300	Optimize PAR injection eff in 1 Hz (moved earlier)	Harkay	Stored Beam & Injection
1300-1400	Check operator 1Hz/2Hz switch pem without restoring PAR Timing (moved earlier)	Harkay	Stored Beam & Injection
1200-1600	1Hz/2Hz efficiency calculation studies	Shoaf, Pietryla, Emery, Harkay	Stored Beam & Injection

1600-1800	Run topup with new mtime sequence program in 1Hz and 2Hz	Ops, Harkay	Stored Beam & Injection
1800-2400	Unified Feedback test. 324 bunches	Kallakuri, Sereno, Brill	Stored Beam & Injection
2100-2300	Linac training (compatible with 324 bunch in SR above)	Weyer/Schiltz	Limited Injection
2300-2400	TBD	Emery	Stored Beam & Injection
Wednesday, December 7, 2022			
0000-0430	TBD	Emery	Stored Beam & Injection
0430-0630	SR training (23-07)	Berkland/Hotham	Stored Beam & Injection
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection