

Machine Studies

Draft Schedule for Run01-1, 2022

Jan 25th 0800 – Feb 1st 0800

Time	Descriptions	Studiers	SR Status
Monday, Jan 24, 2022 - Prestudies			
0800-1000	MPS Validations	Smith/Flood	No Injection
1000-2400	RF Conditioning with Beam (24 singlets)	Flood/OPS	Stored Beam & Injection
~1500	Pinhole camera initial set-up (above 50 mA) parallel to RF conditioning	Yang	Stored Beam & Injection
~1600	BCM Gen 3 checkout	Emery	Stored Beam & Injection
~1700	BPM checkout (parallel to RF conditioning)	Sereno	Stored Beam & Injection
Tuesday, Jan 25, 2022			
0800-1200	BPLD validations	Hahne	Stored Beam & Injection
1200-1400	X-BPM sanity check	Hahne	Stored Beam & Injection
1400-1500	Setup Dimtel timing	Emery	Stored Beam & Injection
1500-1900	Lattice set up	Emery	Stored Beam & Injection
1900-2400	Orbit recovery	Yipeng	Stored Beam & Injection
Wednesday, Jan 26, 2022			
0000-0600	Kicker waveforms, Accumulation limits checks	Emery	Stored Beam & Injection
0600-0800	Open		Stored Beam & Injection

0800-1800	IETS	Wienands, Fors, Berenc, Farrell	Stored Beam & Injection
1800-2200	BTS quads offset measurement for AQ2 and AQ3	Yao, Shang	No injection
2200-2400	Open		
Thursday, Jan 27, 2021			
0000-0800	6 GeV lattice checkout (for gas injection)	Emery	Stored Beam & Injection
0800-1200	Test Booster chromaticity correction. Rf frequency change	Yao, Shang	No beam
1200-1500	PAR fast loss monitor measurements	Harkay, Dooling	No Beam
1500-1700	Access to adjust leak valves	Hoyt	No beam
1700-1800	6 GeV setup	Emery	Stored Beam & Injection
1800-2400	Gas injection studies at 900 and 100 nTorr	Calvey, Hoyt, Emery, Kallakuri	Stored Beam & Injection
Friday, Jan 28, 2022			
0000-0800	Linac magnet measurements/optimizer debug (continuous injection to LTP)	Kuklev	Stored Beam & No Injection
0800-1000	PAR current waveform scope signals	Yao	Stored Beam & Injection
1000-1400	Booster tune up	Calvey	No injection
1400-2000	IEX/CPU checkout	Emery	Stored Beam & Injection
2000-2400	6 GeV low-alpha lattice setup (?)(pending card test in lab)	Emery	Stored Beam & Injection
Saturday, Jan 29, 2022			
0000-0900	Open		
0900-1500	25-ID XBPM	Yang	Stored Beam & Injection
1500-2400	IEX/CPU correction if necessary	Emery	Stored Beam & Injection
Sunday, Jan 30, 2022			
0000-0900	Linac optimization	Kuklev	No Injection
0900-1500	28-ID XBPM study	Yang	Stored Beam & Injection
1000-1800	BTS 5x5 sigma matrix measurements	Borland	Stored Beam & Injection

1800-2400	AI/ML PAR Anomaly Classification	Lobach	Stored Beam & Injection
Monday, Jan 31, 2022			
0000-0600	6 GeV Stability	Emery	Stored Beam & Injection
0600-0700	Open		
0700-1000	Open		
1000-1200	Abort kicker checkout	Yipeng/Harkay	Stored Beam & Injection
1200-1600	Final lattice checkout	Emery	Stored Beam & Injection
1600-2400	Final set-up of bunch purity monitor and pinhole camera	Yang/Yipeng	Stored Beam & Injection
Tuesday, Feb 1, 2022			
0000-6300	Open		Stored Beam & Injection
0630-0800	Prepare for User beam	OPS	