

Machine Studies

Draft Schedule for Run01-12, 2023

April 17th 0800 – April 23rd 0000

Time	Descriptions	Studiers	SR Status
Monday, April 17, 2023			
0800-0830	Open time, shutters open Move IDs to 40 mm?	OPS, Smith	Stored Beam & Injection
0830-0835	Final closure of shutters	Smith Borland	Stored Beam
0835-0905	Setup 6 GeV BTS and SR, RHB-S7S37, demonstrate injection	Emery	Stored Beam & Injection
0905-2000	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	IETS	Uli, Fors	Stored Beam & Injection
Tuesday, April 18, 2023			
0000-0800	Open time. Injector may not be usable	OPS	Stored Beam & Injection
0800-2000	IETS	Uli, Fors	Stored Beam & Injection
0900-1500	Reboot xray bpm iocs in S25 S28 for new PVs. Not supposed to affect SR operation.	Shifu, Yang	Stored Beam & Injection
2000-2400	IETS	Uli, Fors	Stored Beam & Injection
Wednesday, April 19, 2023			
0000-0400	360 Hz + 60 Hz suppression, RF4 only, 100 mA, booster ramp occasionally	Berenc, Emery	Stored Beam & Injection

	turned off, could be moved 4h earlier		Injection
0400-0800	Dimtel Tune Measurement, vary coupling, tunes, 324 bunches and 24 bunches, 100 mA	Kallakuri, Emery	Stored Beam & Injection
0400-0800	GridX bpm calibration, ID25, shutters closed, 100 mA	Yang	Stored Beam & Injection
0400-0800	BTS BESOCM, booster running	Keane, Sereno	Stored Beam & Injection
0800-2000	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	IETS	Uli, Fors	Stored Beam & Injection
Thursday, April 20, 2023			
0000-0800	S37 scraper, 200 mA, shutters closed	Dooling, Borland, Emery	Stored Beam & Injection
0800-2000	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	Early start of S37 scraper	Dooling, Borland, Emery	Stored Beam & Injection
Friday, April 21, 2023			
0000-0800	S37 scraper, RF3+RF4, 200 mA	Dooling, Borland, Emery	Stored Beam & Injection
0400-0800	S37 scraper beam aborts	Dooling, Borland, Emery, HP	Stored Beam & Injection
0800-2000	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	360 Hz + 60 Hz suppression, RF4 only, 100 mA	Berenc, Emery	Stored Beam & Injection
Saturday, April 22, 2023			
0000-0400	BMX 9BM, GRIDx bpm, ID28, 100 mA	Yang	Stored Beam &

	decay, 324 bunches		No Injection
0000-0400	Adaptive BO on linac	Kuklev	Stored Beam & No Injection
0400-0800	BMX 9BM, GRIDx bpm, ID28, 100 mA top-up, 324 bunches (continued)	Yang	Stored Beam & Injection
0400-0800	test linac interleaving lite	Yine	Stored Beam & Injection
0800-2000	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	S37 scraper, wake field measurements	Dooling, Borland, Emery	Stored Beam & Injection
Sunday, April 23, 2023			
0000-0800	SCU1 spectrum, 100 mA 324 bunches, no top-up, shutters open	Emery, Shastri	Stored Beam & Injection
0800-2400	IETS	Uli, Fors	Stored Beam & Injection
2000-2400	MOBO/SOBO on SR lattice RHB-S7S37	Kuklev, Emery, Shang	Stored Beam & Injection

Time	Optional SR studies not allocated yet	Studiers	SR Status
4 h	MOBO on SR lattice RHB-S7S37	Kuklev, Emery, Shang	Stored Beam & Injection
4 h	Adaptive BO on linac	Kuklev	Any
4 h	test linac interleaving lite	Yine	Any
4 h	Possible high charge in booster	Calvey	Any