

Machine Studies

Draft Schedule for Run01-2, 2023

February 6th 0800 – February 7th 0800

Time	Descriptions	Studiers	SR Status
Monday, February 6, 2023			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
0930-0945	Switch to 1 Hz, verify with PAR beam	Ops	No beam
1000-1130	Pinhole camera repair	Wright	Access Zone E
1030-1330	Authorized access to linac/PAR (to cover the multiple work requests below)	Ops	Access Zone E Linac/PAR Access
0930-1130	S18:19 communication error	Yang Ruan	No Beam
0930-1130	Troubleshoot S4B:Q1	Vargas	No Beam
1000-1400	Booster BM tests (1 Hz)	Calvey/Shang	Access Zone E Linac Access/PAR
0930-1230	Troubleshoot SR RF-3	Trento	No Beam
1000-1330	Inspect rf gun and alpha magnet beam lines at rg1 and rg2	Waldschmidt	Access Zone E Linac/PAR Access
1000-1130	Repair ITS YAG1	Berg	Access Zone E Linac/PAR Access

1000-1130	Swap digital LLRF at K2. Check with beam later.	Yawei	Access Zone E Linac/PAR Access
1130-1330	Troubleshoot linac FS3	Dombrowski	Access Zone E Linac/PAR Access
1130-1330	Align PAR bypass cube4 and inspect PAR FL4	Berg	Access Zone E Linac/PAR Access
1345-1500	SCU1 measurement, shutter closed	Emery	Stored Beam & Injection
1500-1800	SCU1 beam with shutters open	Emery	Stored Beam & Injection
1800-2200	RG1 (start with 1 Hz and end with 1 Hz)	Yine, Fystro, Ihar	Beam and No Injection
2200-0100	PAR efficiency	Ihar, Yao	Beam and No Injection
Tuesday, February 7, 2023			
0100-0300	Topup 1 Hz verification	Ops	Stored Beam & Injection
0300-0500	Linac training	Novencido/ LaBuda	Limited Injection
0500-0700	Bunch Purity (1 Hz)	Yipeng, Harkay	Stored Beam & Injection
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection