



Machine Studies

Draft Schedule for Run01-7, 2018

March 12th 0800 – March 13th 0800

Time	Descriptions	Studiers	SR Status
Monday, March 12, 2018			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0815	Transfer orbit, make saves, send beam to dump and install save as UBOP	OPS	Stored Beam & injection
0815-0845	Check reboot effects on SCU6, SCU1 and HSCU	Smith	Stored beam
0830-1700	Install conditioning structure at L5	RF, MOM	Access Linac
0830-0930	Reboot iocbramp	Fors	No Injection
0845-1700	Cable pull from 40 FB IOC rack 40-02 to Room A014	Erwin	No impact
0845-0945	Replace module in main MPS IOC (all 4 SR RF systems off), followed by validation	M. Smith	No Beam
0845-1045	Swap older quad converters	Ackley/Vargas	No Beam
0845-1045	Investigate S12C:BM	Jordan	No Beam
0845-1045	Investigate S6C:V1	Puttkammer	No Beam
0845-1045	Test SR P0 signal	DiMonte, Yao	No Beam
0930-1030	Verify flag locations	Yao	Access Booster

1100-1300	Switch from backups to pumps 503, 511, 513 & 519 -- Bumpless (set P.S. in Sectors 4 thru 7, 12 thru 17 and 20 thru 23 to zero) Switch from backup pump to 405 (not bumpless) Shutdown P.S. in Sectors 40,1,2,3 and SR Septa)	Wright	No Beam
1330-1430	Replace RF1 klystron garage blower (all five Bldg. 420 RF systems off)	Wright	No Beam
1700-1730	Recover injectors, verify stored beam	OPS	Stored beam & injectors
1730-2000	RTFB matrix modification for outputting to S40AH3 vacant channel.	Emery, Carwardine	Stored beam & injection
2000-2400	Orbit Switch	Xiao	Stored beam & injection
2200-2400	Booster orbit change at 6 GeV	Emery	Occasional injection possible
Tuesday, March 1, 2018			
2000-0100	Booster orbit change at 6 GeV	Emery	Occasional injection possible
0100-0500	6 GeV SR lattice	Emery, Xiao	Stored beam & injection
0530-0630	Test HSCU communications failure and recovery with beam	M. Smith	Stored beam
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection