

Machine Studies

Draft Schedule for Run02-12, 2020

September 28th 0800 – October 1st 0800

Time	Descriptions	Studiers	SR Status
Monday, September 28, 2020			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
1000-1100	Troubleshoot pump 405 affects S1&2	Wright	No Beam
1000-1200	Troubleshoot iochdg1	Pietryla	Limited Injection
1000-1200	Install canted correctors PS at 25ID	Vargas	No Beam
1030-1130	Valve off S25 GRID BPM / thermocouple work	MOM/Erwin	Access Zone D
1030-1100	Replace IR detector at S38	MOM	Access Zone F
1200-1300	Test of BPLD validation script	Sereno/Shang	Stored Beam & Injection
1300-1800	S25 GRID BPM studies	Yang, et al	Limited Injection
1300-1600	BTS arrival time detector	Sereno, et al	Limited Injection
1600-1800	PAR training (15-23)	Ronzhin/Kimbro	Limited Injection

1800-2400	6 GeV single and multi bunch instability thresholds	Emery/Lindberg	Stored Beam & Injection
Tuesday, September 29, 2020			
0000-0600	RG1 beam tune up	Y.E. Sun	Limited Injection
0600-0700	Booster currMon signal beam charge scan	Yao	Stored Beam & Injection
0700-0900	BTS response measurement	Yao/Shang	No Beam
0900-0930	Cable inventory	Dooling	Access Linac
0900-1100	Test canted correctors PS at 25ID	Jordan	No Beam
0900-1200	Waste management/IH assess PAR	WM/McGhee	Access PAR
0900-1300	RF-5 conditioning RF / waveguide switch	RF Group	Limited Injection
1300-1500	Measure SR orbit noise with water sound dampener in S37 off and on. And switch pumps too.	Emery/Wright	Stored Beam & Injection
1500-1600	Test Labca for APS	Huang/Y.P. Sun	Stored Beam & Injection
1600-1800	PAR training (15-23)	Ronzhin/Kimbro	Limited Injection
1600-1700	Orbit switch procedure improvements	Y.P. Sun/Shang	Limited Injection
1800-2100	Booster chrom correction test	Yao/Shang	No Beam
2100-2400	Booster emittance measurements vs momentum offset	Harkay, et al	No Beam
Wednesday, September 30, 2020			

0000-0300	Booster emittance measurements vs momentum offset	Harkay, et al	No Beam
0300-0900	RG1 Beam tune up	Y.E. Sun	Limited Injection
0900-1300	S27-28 FBC Fast Corrector Step Response measurement	Sereno, et al	Stored Beam & Injection
1300-1700	Sextupole offset measurement	Sajaev	Stored Beam & Injection
1700-2000	Turn-by-Turn BPM data taking	Huang/Sajaev/ Y.P.Sun	Stored Beam & Injection
2000-2300	Orbit switch procedure improvements	Y.P. Sun/Shang	Limited Injection
2000-2200	PAR training (15-23)	Ronzhin/Kimbro	Limited Injection
2300-2400	6 GeV dimtel x-plane feedback	Emery/Kallakuri	Stored Beam & Injection
Thursday, October 1, 2020			
0000-0300	6 GeV dimtel x-plane feedback	Emery/Kallakuri	Stored Beam & Injection
0300-0600	6 GeV ID perturbation measurement	Emery	Stored Beam & Injection
0600-0700	Open		
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection