

Machine Studies

Schedule for Run02-8, 2005

July 18th 0800 - July 20th 0800

Time	Descriptions	Studiers	SRStatus
Monday, 7/18/05			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1030	Response matrix measurement with S35BM included	Sajaev	Stored Beam
0815-2400	Investigate Linac water seepage	AOD-BLDG	No Injection
0815-0915	Investigate BTS PS conditioning problem	Varotto	No Injection
0815-0900	Replace RF MUX in iocpartune	M. Smith	
0830-1000	Fix water leak on L2 klystron body water inlet	Cours	No Injection
0830-2000	Bldg. 450 chilled water system valve repair	PFS	
0830-1130	PAR kicker EMI measurements	Hillman	Controlled Access PAR
0830-0930	Investigate air line connections on L1:PG1:GV1 and L1:PG1:GV2	Hoyt	Access Linac
0830-0930	Replace BSS strobe at gun door	Forrestal	Access Linac
0930-1030	Inspect Booster tunnel for cracks	Russell	Access Booster
0930-1130	Replace IR thermometer	Morrison	Access Booster
1030-1100	Prepare for SR accesses	OPS	No Beam
1100-1400	23BM PSS end to end test	Hawkins	No Beam/ Access Zone D
1100-1200	Replace BSS strobe at Zone D maze door	Forrestal	Access Zone D
1130-1430	Set up closed loop for rf12	T. Smith	No Injection
1130-1145	Reboot iocruncontrol	Varotto/OPS	

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1130-1330	Investigate post reboot problem ioclic4	Varotto	No Injection
1200-1300	Troubleshoot failed MPC in sector 32	Quock	No Beam
1300-1400	install new feedback boards at S40 cavities.	Cherbak	No beam
1300-1400	Switch SRF systems	Horan	No Beam
1300-1400	Inspect sector 37 straight section	Morrison	Access Zone F
1400-1500	SR PS PEM testing	Borland, Soliday, Schroeder	No beam
Tuesday, 7/19/05			
0000-0200	PAR/Booster training(23:00 - 07:00)	S. Flood	Limited Injection
0200-0400	X-ray BPM studies	Decker	Stored Beam & Injection
0400-0730	IDxbpm alignment studies	Decker/ Hahne	Stored Beam & Injection
0730-0900	SR training	Gagliano	Stored Beam & Injection
0900-1300	Shielding verification of 23BM A and 26IDC stations	Ramanathan	Stored Beam & Occ. Inj.
0900-1100	Linac training (07:00-15:00)	Poncin	Limited Inj.
1100-1400	PAR RF Beam Loading studies	Yao	Limited Inj.
1300-1700	Perform orbit optimization studies with 34ID	Borland/ 34ID	Stored Beam & Occ. Inj.
1400-1700	Mapping par rf1 stable region	Yao	Occ. Inj.
1700-1900	SR Console Test	Grodecki	Stored Beam & Injection
1900-2400	Sextupole study for 5GeV lattice	Sajaev	Stored Beam & Inj.
Wednesday, 7/20/05			
0000-0400	Single bunch and multibunch instability thresholds with 5 GeV	Harkay	Stored Beam & Inj.
0500-0700	PAR/Booster Training	S. Flood	Limited Injection

Time	Descriptions	Studiers	SRStatus
0600-0700	Replace failing erratic sector 38 absorber circuit 3 Love controller	Mech. Group	No beam
0700-0800	Prepare for User beam 0+24*1 Top-Up	OPS	Stored Beam & Injection