

Machine Studies

Schedule for Run03-10, 2004

November 30th 1600 - December 2nd, 0800

Time	Descriptions	Studios	SRStatus
Tuesday, 11/30/04			
1600-1605	Record XBPM data for user orbit with TopUp running	OPS	Stored Beam
1605-1700	Install high power filter on PAR RF Harmonic #2 & Measure 5th harmonics (WRQ#16459)	Smith/Yao	No Inj.
1605-1700	Testing of software changes for linac (fixedCurrent script) and PAR (PEM standardization issue)	Soliday	No Inj.
1605-1800	Test changes to booster ramp rms/peak calculation routine	Sereno/ Varotto	No Booster beam
1700-1900	Operator Training - PAR (1500-2300)	Gagliano	Limited Inj.
1900-2100	Operator Training - SR (1500-2300)	Forth	Stored Beam & Inj.
2100-2400	Bunch purity measurements with PAR bunch cleaning running (parasitic)	Yao/OPS	Stored Beam & Top-UP
2100-2400	Collect beam stability baseline data (0+24*1)	Decker	Stored Beam & Top-up
Wednesday, 12/01/04			
0000-0400	Final test of automatic booster ramp correction during top-up (parasitic)	Sereno	Stored Beam & Top-up
0000-0400	Collect beam stability baseline data (0+24*1)	Decker	Stored Beam & Top-up
0400-0600	Operator Training - Booster (2300-0700)	Grodecki	Limited Inj.
0600-0800	Bunch purity set-up	Sereno	Stored Beam & Inj.

Time	Descriptions	Studiers	SRStatus
0800-0930	Zone A Access to replace rotary encoder on ID in Sector 3 Upstream WRQ#16434	Grimmer	Zone A Access
0800-0930	Zone D Access to replace rotary encoder on ID in Sector 24 Upstream WRQ#16435	Grimmer	Zone D Access
0800-1000	Evaluate ion pump controller/cable/pump VM 25 3IP1 (WRQ#16454)	Gagliano	No Beam
0800-1000	Provide timing signals from iocinjtime to B102 for booster septum magnet microphonic scope trigger. WRQ#16372	Laird	No impact
0830-0930	Identify location and label SR Dipole critical components	Hillman	No Beam
0930-1000	Recovery from Accesses	OPS	Stored Beam & Inj.
0800-1000	Operator Training - Booster (0700-1500)	D. Glenn	Limited Inj.
0945-1000	Removal of High Power Filter on PAR RF	Grelick	No PAR Beam
1000-1200	Operator Training - Linac (0700-1500)	S. Flood/ Simpson	Limited Inj.
1000-1200	SR bunch length studies on 24 singlets	Lumpkin/ Yang/ Sakamoto	Stored Beam & Occ. Inj.
1200-1600	Hybrid Orbit database/Collect xbpm feed-forward data	Singh	Stored beam & Inj.
1600-1900	Closed Orbit Measurements	Guo	Stored beam & Occ. Inj
1600-1900	PAR instability study	Yao/Chae	Occ. Inj. possible
1900-2100	Operator Training - SR (1500-2300)	Forth	Stored Beam & Inj.
2100-2300	Operator Training - PAR (1500-2300)	Gagliano	Stored Beam & Inj.
2300-2400	Horizontal local impedance measurements	Sajaev	Stored Beam & Occ. Inj.

Time	Descriptions	Studiers	SRStatus
	Thursday, 12/02/04		
0000-0500	Horizontal local impedance measurements	Sajaev	Stored Beam & Occ. Inj.
0500-0700	Operator Training-Booster (2300-0700)	Grodecki	Limited Inj.
0700-0800	Ready for 1+8*7 fill pattern, low emittance, TopUp	OPS	Stored Beam & Injection