

Machine Studies

Schedule for Run02-10, 2005

August 1st 0800 - August 3rd 0800

Time	Descriptions	Studios	SRStatus
Monday, 8/1/05			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0900	Investigate the unexplained beam losses	Yao/ Schroeder	Stored Beam & Injection
0930-1230	Measure and install new cables on the Linac Besocm	Pietryla/ ACIS	Access Linac
0930-1030	Refresh SF6 in Linac Zone B&C	Michalek	No beam
0900-1000	Test repaired DSP card in RTFB crate	Lenzus	No beam
0900-1100	Troubleshoot MPC in sector 32/ replace Booster ion pump controller	Quock/ Gagliano	No beam
0900-1200	Close harmonic RF loop	Grelick	No beam
0900-0800	Modify control logic for storage ring air conditioning units (continues throughout the study period)	Swetin	May impact beam
0930-1130	Provide PAR Septum timing signal from ICR timing racks to B102 /provide GPS signal to Event System	Laird	May impact beam
1000-1130	Access 23-BM FE and investigate component alignment	Weimer- slage/S&A/ Hahne	Authorized Access Zone D
1015-1215	Replace flow meter	Ferry	Access Booster
1200-1400	08:00 - 15:00 PAR Console test (2hrs)	S. Flood	No Injection
1400-1510	08:00 - 15:00 Linac training (2hrs)	Poncin	Limited Injection

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1510-1600	Verify switch to Direct Injection	OPS	Limited Injection
1400-1600	26-ID-C Shielding Re-verification (2 hrs between 0600-1800)	Salazar	Stored Beam & Injection
1600-1900	Orbit recovery for 1296 bunch (3 hours/ Singh not available for before 1600)	Decker/ Singh	Stored Beam & Injection
1900-2100	collect IDxbpm feedforward data with 1296 bunch	Decker/ Singh	Stored Beam
2100-0000	Low betax studies for ID8	Borland, Sajaev	Stored Beam & Injection
Tuesday, 8/2/05			
2400-0100	Low betax studies for ID8	Borland, Sajaev	Stored Beam & Injection
0100-0600	5 GeV studies with AM source point (RF Cav. TURBO PUMPS NEEDED)	Yang, Sajaev	Stored Beam & Injection
0700-1100	swap P0 nbbpm filters (any fill pattern)	Bui/Roberts/ Singh	Stored Beam
0700-0900	07:00 - 15:00 Linac training (2hrs)	Poncin	Limited Injection
0900-1100	07:00 - 15:00 Booster training (2hrs)	S. Flood	Limited Injection
1100-1700	HOM study - 150mA in 0+24*1 (RF Cav. TURBO PUMPS NEEDED)	Harkay, et al	Stored Beam & Injection
1700-2100	Par tuning loop test with beam	Yao, T. Smith, Grelick	Limited injection
1700-2100	XBPM studies (324 fill pattern)	Decker	Stored Beam
2100-2400	RTFB with P0 nbbpm/bmxbpms (any fill)	Singh/ Decker	Stored Beam
Wednesday, 8/3/05			
0000-0100	RTFB with P0 nbbpm/bmxbpms (any fill)	Singh/ Decker	Stored Beam

Time	Descriptions	Studiers	SRStatus
0100-0700	Collect Top-up Data with Modified front end (various fill patterns - 1296 should be last fill used)	Singh/Bui	Stored Beam & Inj.
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection