

Machine Studies

Schedule for Run03-3, 2004

October 18th, 0800 - October 20th, 0800

Time	Descriptions	Studios	SRStatus
Monday, 10/18/04			
0800-0805	Record XBPM data for user orbit with TopUp running	OPS	Stored Beam
0805-1400	Reconfigure waveguide to Bldg. 420 RF Teststand	RF Group	No Beam
0805-1000	Test dual redundant ethernet transceiver module. Will power cycle iocs1fb	Lenkszus	No Beam
0805-1200	Change the charging resistor to a lower value in B:EK:PS	Puttkammer	No Beam
0805-1000	Test 2 RS-422 IP carrier boards using an active field bus link on iocs40misc	Stevens	
0805-0900	Interleaving PS DSP reboots	Hillman	No Beam
0805-1000	Check out spare SCR regulator cards at RF5.	Nassiri	No Beam
0805-1000	Inject beam into PAR with L2 down and L3 providing power to investigate energy spread due to power fluctuation.	Nassiri/ Pasky	No Beam
0830-1130	Diagnose problem with PS1 in sector 24 ID	Wiemer- slage/ Ramanatha n	Access Zone D
0830-0845	Review Status of 23ID DS gearbox leak	Kasa	Access Zone D
0900-1100	Replace S38, Cav. #2 Blower	Pace, McKenzie	Access Zone F

Time	Descriptions	Studiers	SRStatus
0930-1030	Replace ID dosimeters S3-4	Petra	Access Zone A
0930-1030	Swap filter comparator for 8AP3	Erwin	Access Zone A
1000-1200	Look into a faulty status/relay board on L1RG2 LFA TRIM	Puttkammer	No Inj
1000-1100	Move ID bpm blade gain compensation for ID gap from Legacy PVs to msAve PVs for ID19 and ID20. Affects iocs19fb which will be rebooted	Lenkszus	No Beam
1000-1300	Measure SLEDs at L2, L4 and L5 to investigate power fluctuation.	Nassiri	No Beam
1030-1230	Access to check possible water leak at 33-BM	Dortwegt	Access Zone E
1030-1230	Attach rtd elements and readout cables to S35 Pinhole Camera	Putnam	Access Zone E
1100-1300	Set Up Pinger Power Supply	Yao, Sun,	No Beam
1100-1200	Investigate a problem Glenn Decker has observed with datapool orbit correction and some ID x-ray bpms	Lenkszus	
1330-1400(?)	Measure RF4 klystron focus current and adjust if necessary(after RF LOTO release)	Bromberek	No Beam
1330-1400(?)	Booster RF5 measurement (after RF LOTO release)	Bromberek	No Beam
1300-1500	Setup new hardware for PAR bunch cleaning	Grelick/Yao	No Linac/ PAR beam
1300-1400	Determine extra fundamental cavity field probe availability for use with bunch cleaning.	Smith	PAR Access
1400-1500	RF Phase studies	Erwin/Pasky	No Beam
1500-1800	Bunch cleaning test	Yao, Sereno	Stored Beam & Inj.
1800-2100	PAR instability study (parasitic)	Yao, Yang	Inj. possible

Time	Descriptions	Studiers	SRStatus
1800-2400	Canted undulator xbpms	Decker	Stored beam & Lim. inj
2100-2300	Operator training-Booster (1500-2300)	Grodecki	Limited Inj
Tuesday, 10/19/04			
0000-0200	Canted undulator xbpms	Decker	Stored beam & Lim. inj.
0000-0200	Operator training Booster (2300-0700)	Glenn	Limited Inj
0200-0600	Unannounced studies	Sajaev	Stored Beam & Inj.
0600-0900	SR injection efficiency improvement	Yao/Sajaev/ Emery	Stored Beam & Inj.
0900-1200	Measure Xbpm response	Diag/Yao/ Lenkszus	Stored beam & Inj.
1200-2000	Xbpm alignment shift	Decker/Diag	Stored Beam & Inj.
1200-1800	SR top-up with bunch cleaning (parasitic)	Yao, OPs	Stored Beam & Inj.
2000-0000	Vertical kicker induced beam motion	Yang, Guo, Harkay	Stored beam & Lim. Inj.
1900-2100	Operator training-Booster 1500-2300	Grodecki	Limited Inj
Wednesday, 10/20/04			
0000-0200	Vertical kicker induced beam motion	Yang/Guo/ Harkay	Stored beam & Lim. inj.
0000-0200	Operator training-Booster 2300-0700	Glenn	Limited inj.
0200-0500	Install P0 and P1 offsets	Singh/Bui	Stored beam
0500-0700	17bm and 19bm steering tests	Hahne/ Singh	Stored beam
0700-0800	Ready for 0+24X1 fill pattern, low emittance, TopUp	OPS	Stored Beam & Injection