

Machine Studies

Schedule for Run01-7, 2005

March 14th 0800 - March 16th 0800

Time	Descriptions	Studiers	SRStatus
Monday, 3/14/05			
0800-0805	Collect BPM orbit data	OPS	Stored Beam & Injection
0805-0820	Replace a VME module in iocfe01	M. Smith	No Beam
0830-1030	Reset XBPM limits	Hahne	Access Zone D & E
0805-1000	Upgrade iocs iocs25fb, iocs27fb, iocs29fb, iocs25bpm, iocs27bpm and iocs29bpm	Laird Lenkszus	No Beam
	RF4 phase loop work (RF-4 up)	Decker / Horan	No Beam
	Final readiness tests of the PSS and FEEPS at 26ID	Hawkins	No Beam
0805-1000	2Hrs Linac Console Test	S. Flood	No Injection
0900-1200	PAR RF timing adjustments	T. Smith, C-Y Yao N. DiMonte	No Injection
1000-1100	Reboot iocruncontrol & test linac PV's	Varotto	No Injection
1000-1200	Modify iocmtime	Lenkszus	No Beam
1200-1230	Recover the Linac, Booster & SR equipment and store beam in the Ring	OPS	Recovery
1230-1400	SR Training.	Grodecki	Stored Beam & Injection
1400-1430	Inject single bunch for local impedance	Sajaev	Stored Beam & Injection
1430-2000	Optimize bunch quality and bunch cleaning in PAR. SR required during last 2 hours.	Yao Yang Sereno	Stored Beam & Injection

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1430-1800	Local impedance measurements. Parallel to PAR work.	Sajaev	Stored beam
2000-2300	Setup bpm database for hybrid fill.	Singh	Stored Beam & Injection
2200-2300	Test BTS x controllaw with another extraction septum. Parallel to bpm database work.	Emery Sereno	Injection possible
2300-2400	Bpm and orbit controllaw tests with 1296 bunches.	Singh	Stored Beam & Injection
Tuesday, 3/15/05			
0000-0100	Bpm and orbit controllaw tests with 1296 bunches (continued).	Singh	Stored Beam & Injection
0100-0500	14 bunches test.	Borland Emery Sajaev	Stored Beam & Injection
0500-0600	Check bunch monitor timing.	Emery Lenkszus	Stored Beam & Injection
0600-0800	Troubleshoot drop out problem with BIK controllaw.	Wang Fors Hillman	Booster beam
0800-1200	Study L2 power oscillations.	Pasky	Injection possible
0800-1000	SR training. Parallel to L2 study.	Glenn	Stored Beam & Injection
1000-1400	ID26 shielding verification. First 2 hours parallel to L2 study.	Ramanathan	Stored Beam & Injection
1200-1400	PAR training. Parallel to ID26 shielding.	Flood	Injection possible
1400-2000	RF phase modulation.	Decker Lumpkin Yang Horan	Stored Beam & Injection
2000-2200	SR training.	Gagliano	Stored Beam & Injection
2200-2400	Test direct injection with Gun 1.	Sereno	No injection
2200-2400	Study vertical decoherence. Parallel to Gun 1 work.	Guo Harkay	Stored beam

Time	Descriptions	Studiers	SRStatus
	Wednesday, 3/16/05		
0000-0400	Test direct injection with Gun 1 (continued).	Sereno	No injection
0400-0700	Topup monitor study with hybrid, 24 and 324 bunches.	Pietryla Bui	Stored Beam & Injection
0700-0800	Prepare for user Beam	OPS	Stored Beam & Injection