

Machine Studies

Schedule for Run1-7,2003

March 10th, 0800 - March 12th, 0800

Time	Descriptions	Studios	SRStatus
Monday, 03/10/03			
0800-0830	Collect orbit data. Mandatory refill to 100mA at 0800.	Singh	Stored beam
0730-0930	Condition and setup RF Gun 1. All studies will be done with RF Gun 1. Parasitic to collect orbit and orbit recovery.	Pasky	Limited injection
0830-0930	Switch from high to low emittance	Emery Sajaev	Stored beam and injection
0930-1300	Low emittance orbit recovery	Singh	Stored beam and injection
0900-1800	PTB bpms commissioning. Parasitic, starts as soon as RF Gun 1 is done.	Keane Zabel Erwin	Continuous injection to PTB
1130-1300	Linac training. Parasitic to orbit recovery.	OPS	Limited injection
1300-1500	Decoherence study.	CX Wang	Stored beam and injection
1300-1500	RF power monitor investigation. Parasitic to decoherence.	Grelick	
1500-1900	Tune slope with chromaticity using beam history.	Chae Wang	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1900-2300	Xbpm tests	Hahne	Stored beam and injection
2300-2400	Bunch length measurements	Yang Harkay Chae	Stored beam and injection
Tuesday, 02/11/03			
0000-0500	Bunch length measurements. Continued.	Yang Harkay Chae	Stored beam and injection
0500-0630	Booster requalification	OPS	No injection
0700-0900	S1 steering magnets investigation.	Fors	Stored beam
0730-0900	Linac training. Parasitic to S1 steering magnets.	OPS	Limited injection
0830-0900	Interleaving DSP reboot	Hillman	No injection
0900-1000	S3 radiation monitors replacement.	Petra	ACCESS Zone A
0900-1000	Booster main power supplies reset control line inspection	Hillman	No beam
0900-1030	Sextupole tests. Parasitic to access.	Puttkammer	No SR beam
0900-1800	PTB bpms commissioning.	Keane Zabel Erwin	Continuous injection
0900-1100	SR RF 360 Hz sidebands investigation.	Nassiri Horan	No SR beam
1000-1200	Turn off water for L6 klystron.	Dorwegt	No SR beam
1000-1200	S4 corrector regulation investigation.	Ju Wang	No SR beam
1030-1200	S40 and S1 PSCU work.	Puttkammer	No SR beam

Time	Descriptions	Studiers	SRStatus
1100-1200	S38 cavities detuning.	Nassiri Horan Harkay	No SR beam
1200-1300	S38 cavities detuning with 112 mA beam.	Nassiri Horan Harkay	Stored beam and injection
1300-1500	Low emittance injection optimization.	Emery Sajaev	Stored beam and injection
1500-1900	Datapool orbit correction.	Emery	Stored beam and injection
30 minutes during 1500-1900	Switch back to RF Gun 2. Parasitic to datapool.	OPS Pasky	Limited injection
1900-2200	CPU perturbation measurements.	Emery	Stored beam and injection
2200-2400	Emittance with RF frequency.	Emery Sajaev	Stored beam and injection
Wednesday, 02/12/03			
0000-0100	Emittance with RF frequency. Continued.	Emery Sajaev	Stored beam and injection
0100-0700	Local impedance measurements.	Sajaev	Stored beam and injection
1.5 hours during 0100-0700	Booster requalification.	OPS	No injection
0700-0800	Prepare for user run.	Sajaev	Stored beam and injection