

Machine Studies

Schedule for Run3-1,2000

July 28th, 0800 - August 3rd, 0800

Time	Descriptions	Studiers	SRStatus
Friday, 07/28/00			
0800-1600	Bunch compressor studies	Borland	No injection
0800-1200	35-BM pinhole camera setup	Yang	Stored beam and injection
1600-2000	Store beam and correct tunes to standard values, S25 BPM timing adjustment (postponed)	Emery	Stored beam and injection
2000-2300	Check and correct lattice function (postponed)	Emery	Stored beam and injection
Saturday, 07/29/00			
0000-0800	Emergency PAR kicker magnet repair	magnet group	Stored beam and injection
1600-2000	X-ray BPM data acquisition checkout	Roberts Erwin Singh	Stored beam, no injection
1600-2000	linac control access for laser alignment	Lewellen	Stored beam, no injection
2000-2400	X-ray BPM feedback test	Singh OPS	Stored beam and injection
0800-1600	Bunch Compressor studies (canceled)	Borland	No injection

Time	Descriptions	Studiers	SRStatus
1600-2000	Beta function measurement (canceled)	Emery Yao OPS	Stored beam and injection
Sunday, 07/30/00			
0000-0800	Converging beta lattice study (postponed or canceled)	Sajaev Emery	Stored beam and injection
0800-1600	Tune-up RF BPMs and ring lattice correc- tion	Singh Decker Emery	Stored beam and injection
1200-1600	Store beam and BPLD validations and DBPLD tests	Emery Pietryla Decker	Stored beam and injection
0800-1600	X-ray BPM studies	Singh Decker	Stored beam and injection
1600-2400	X-ray BPM feedback test	Singh Decker OPS	Stored beam, no injection
1400-1600	Gated camera test	Yang	Stored beam and injection
1600-2400	Bunch Compressor studies with PC gun (Canceled)	Borland Lewellen	No injection
Monday, 07/31/00			
0000-0600	RT Feedback development	Carwardine Schwartz	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0600-0800	Kicker bumps measurement with beam	Emery	Stored beam and injection
0800-1000	Use S39B:P1 to measure trajectory bump from injection kickers	Emery	Stored beam and injection
1000-1600	Chromaticity map II	Harkay Lessner	Stored beam and injection
1600-2000	100 Hz glitch detector system test	Fors	No injection
1600-2400	Bunch Compressor studies	Borland	No injection
1600-1700	Access ZoneA to repair S5BP1 BPM	Lill Erwin	No injection
Tuesday, 08/01/00			
0000-0800	X-ray BPM studies	Decker Singh	Stored beam and injection
0800-1000	Repair the helios server	Stejskal	No beam
0800-1200	RF2 study	Nassiri Horan	Stored beam and injection
1200-1800	7MV RF voltage Energy spread measurement	Yang Chae Kathy	Stored beam and injection
1200-1800	Simultaneous measurement of energy spread, bunch length, spectrum vs current	Emery	Stored beam and injection
1800-2200	Continue 100 Hz glitch detector system test (possibly parallel studies if beam is not dumped)	Fors	Stored beam, No injection
1800-2400	Bunch Compressor studies with PC gun	Milton	No injection

Time	Descriptions	Studiers	SRStatus
Wednesday, 08/02/00			
0000-0800	X-ray BPM test	Singh Hahne	Stored beam and injection
0800-1200	Amplitude dependent tune shift	Harkay Lessner	Stored beam, and injection
1200-2000	Shielding verification of station B/C of 34ID	Mohan	Stored beam, No injection
2000-2400	Growth rate measurement of longitudinal instability	Chae Horan Song	Stored beam, and injection
Thursday, 08/03/00			
0000-0400	4nm lattice study	Emery	Stored beam, and injection
0400-0730	Investigate y-emittance blow-up in 6+8X7 pattern	Emery	Stored beam, and injection
0730-0800	Ready for User beam with singlet bunch fill pattern	OPS	Stored beam and injection