

Machine Studies

Schedule for Run4-3,2001

November 12, 0800 to November 14, 0800

Time	Descriptions	Studiers	SRStatus
	Monday, 11/12/01		
0800-0810	Acquiring SR kicker/Septum waveforms	OPS	Store beam and injection
0800-1000	Investigate L1 modulator arcing	Pasky Meyer	No beam
0810-1010	Insert stainless steel coils into grswolds in the absorber circuits	Putnam	no beam
0800-1200	study and try to identify the noise on the AC power line that has been causing problems for the gun heater and supplies in the rack	Markovich	No beam
0810-1000	Re-calibrate S38 cavity over power trips to account for cable modifications.	Grelick	no beam
0810-1200	study new capacitors for the booster quadrupole power supplies	J. Wang	No beam
0810-1200	Bring on line or repair the dynamic mode of the Storage Ring Correctors, S15A:H1, S23B:V3, S32B:V1 and S9A:H3 they are not working in the dynamic mode	Hillman	no beam
1000-1200	Operator training (Linac)	OPS	Linac/Par beam
1100-1300	Inter-station phase calibration with 100mA stored beam	Horan Nassiri	Store beam and injection

Time	Descriptions	Studiers	SRStatus
1300-1600	Response matrix measurement for low emittance lattice	Sajaev Emery	Store beam and injection
1600-2000	Characterization of the corrected lattice	Sajaev Emery	Store beam and injection
2000-2400	Sextupole scan to improve beam lifetime of low emittance lattice and SR injection study	Emery Sajaev	Store beam and injection
Tuesday, 11/13/01			
0000-0300	Setup PC gun for SR injection, and measure SR bunch purity	Lewellen	Linac beam
0300-1100	CSR studies in the linac with PC gun	Borland	Linac beam
1100-1300	Operator training (fill the ring first for Xbpm study)	OPS	Store beam and injection
1300-1800	AC mode tune of CPU	Vasserman Emery	Store beam and injection
1100-1800	Test Xbpm/P0 gain script (parasitic with othe study)	Singh Shang Erwin Hahne	Store beam and injection

Time	Descriptions	Studiers	SRStatus
1800-2000	Test Xbpm/P0 gain script	Singh Shang Erwin Hahne	Store beam and injec- tion
2000-2400	ID Xbpm work	Decker Singh	Store beam and injec- tion
Wednesday, 11/14/01			
0000-0300	SR orbit work	Singh Decker	Store beam and injec- tion
0300-0700	Low emittance lattice/top-up study	Emery Sajaev	Store beam and injec- tion
0700-0800	Ready for user beam with low emittance and top-up	Yao OPS	Stored beam and injection
End of Studies			