

Machine Studies

Schedule for Run2-11,2002

August 5th, 0800 - August 7th 0800

Time	Descriptions	Studios	SRStatus
Monday, 08/05/02			
0800-1200	Conversion of PAR harmonic rf system. Need linac beam	RF group	No beam
0800-1200	Zones C and D access for installing P0 electronics to bpps S23B:P0 S24A:P0 S24B:P0.	Erwin	No beam
0800-1200	Modify and test 2 sectors of correctors (in Zone B) with DAC chip that replaces PSCU/Diag setpoint modes.	Fors	No beam
0800	Configure IK5 in CW mode.	ES group	No beam
0830-1000	Zones F access for replacing blowers of S39IK2 kicker.	Morrison	No beam
0900-1000	Zone A access for alanine film replacement in ID3.	Petra	No beam
0930-1100	Booster access for measurement or bridge area	ME group	No beam
0800-1000	Change the line driver for the Booster rf power monitor.	Nassiri	No beam
0800-1000	Replace the DSP card in PTB:B1 and complete anti-alias filter modifications to PTB:B2	Donkers	No beam
0800-1000	Test response to power failure on Sectors 22 and 16 EPS systems. (Note MPS may trip)	Behrndt	No Beam
0800-1600	Installation of the S35 Timing System. Note S:VID will be down for 2 hours.	Yang	Some beam

Time	Descriptions	Studiers	SRStatus
1200-1600	Data pool SR orbit correction	Lenkszus Soliday Shang Emery	Stored beam and injection
1600-2000	Orbit motion study with punched down correctors.	Carwardine Emery or Yao	Stored beam and injection
2000-2400	Investigate bunch purity in the SR due to number of linac bunches selected and 12th harmonic power or phase. Need IK5 in CW mode.	Lumpkin Yao	Stored beam and injection
Tuesday, 08/06/02			
0000-0200	SR training	Hill	Stored beam and occasional injection
0200-0700	ID Xbpm gap vs gain measurements	Hahne	Stored beam and occasional injection
0200-0800	Commissioning booster low emittance lattices.	Sereno	Stored beam and injection
0700-0800	Reconfigure and test raw PS T1 in a double sector operating at lower voltage	ES group	Stored beam and injection
0800	Reconfigure IK5 in pulsed mode.	ES group	Stored beam and injection
0800-1000	Replacement of flow control cartridges for linac.	Dortwegt	Stored beam and no injection

Time	Descriptions	Studiers	SRStatus
0800-1000	Upgrade CPU in ioclid2.	Arnold	Stored beam and no injection
0800-1000	Change the operating linac gun from RG1 to RG2.	Pasky	Stored beam and no injection
0800-1000	Test new rfgun cathode power supply.	Pasky	Stored beam and no injection
0800-1000	Measure rms motion with lower corrector raw voltage. Note no injection.	Carwardine Emery	Stored beam and no injection
1000-1300	Lower emittance lattice optics correction and steering.	Emery Sajaev	Stored beam and injection
1300-1700	Data pool correction	Lenkszus Soliday Shang Emery	Stored beam and injection
1700-2000	CPU AC mode correction at more points.	Vasserman Emery	Stored beam and injection
2000-2300	BPM history data collection. Need IK5 in pulsed mode.	Wang	Stored beam and injection
2300-0000	SR training	Hill	Stored beam and occasional injection
Wednesday, 08/07/02			
0000-0100	SR training (cont'd)	Hill	Stored beam and occasional injection

Time	Descriptions	Studiers	SRStatus
0100-0400	NbBpm tests	Singh Erwin	Stored beam and injection
0400-0600	Run top-up with low emittance booster lattice.	Sereno	Stored beam and injection
0400-0600	ID gap feedforward. Parasitic to top-up test.	Singh	Stored beam and injection
0600-0700	Re-install the original corrector DAC chips in 2 sectors	Fors	No beam
0700-0800	Setup for User low-emittance topup.	OPS	Stored beam and injection