

Machine Studies

Draft Schedule for Run02-1, 2010

May 26th 0800 – June 2nd 0800

Time	Descriptions	Studiers	SR Status
(Pre-Studies) Monday, May 24, 2010			
1300-1500	Initial set-up of S35BM Pinhole image	Yang	Stored beam
1500-1700	PEM/Script testing	Schroeder/OPS	Stored beam & injection
(Pre-Studies) Tuesday, May 25, 2010			
0800-1100	BPLD Validations	Bui	Stored beam & injection
1100-1500	MPS and ACIS shutdown validations of RF1 and RF2	M.Smith/OPS/ RF Group	No beam
1100-1500	Linac/PAR beam studies	Pasky	No injection
1100-1500	Investigate Canted Undulator P.S.	Puttkammer	No beam
1100-1500	Additional P.S. check-out	Fors	No beam
Wednesday, May 26, 2010			
0700-1000	XBPM checkout	Hahne	Stored beam & occasional inj.
1000-1800	Initial bpm checkout	Decker/Bui	Stored beam & occ. inj.
1800-2400	CPU checkout	Xiao	Stored beam & occ. inj.
Thursday, May 27, 2010			
0000-0800	OPEN		
0800-1600	Orbit recovery (324 singlets, then 24 singlets top-up)	Decker/Xiao	Stored beam & inj.

1600-2400	Cherenkov detector studies	Yang	Stored beam & occ. inj.
Friday, May 28, 2010			
0000-0700	OPEN		
0700-1200	Finish unresolved PS testing	Fors/Sprau	No Beam
0800-1200	PSS shutter tests	SI Group	No Beam
0800-1200	Waveguide switch and conditioning RF without beam (conditioning after access)	RF Group	No beam
0830-0930	Check stripline temperature tape	Yao, Morrison	Access Zone F
1200-1600	Condition RF2 with beam	RF Group/OPS	Stored beam & inj.
1600-2400	Final BPM check-out (OPS orbit)	Decker/Lill	Stored beam & inj.
Saturday, May 29, 2010			
0000-1000	OPEN		
1000-1400	Set-up Sector 35 for User Run (Set-up bunch purity monitor, pinhole camera & others) top-up	Yang	Stored beam & occ. inj.
1400-2400	OPEN		
Sunday, May 30, 2010			
0000-1000	OPEN		
1000-1400	Test deflecting strength of new S35 stripline (24 singlets)	Yao	Stored beam & occ. inj.
1400-1800	OPEN		
1800-2400	CPU fine Tuning (AC mode)	Xiao	Stored beam & occ. inj.
Monday, May 31, 2010			
0000-0800	Top-up operational check	OPS	Stored beam & inj.
0800-1200	OPEN		
1200-1800	HOM spectra measurements for standard bunch patterns	Harkay	Stored beam & inj.
1800-2400	OPEN		
Tuesday, June 01, 2010			
0000-0600	OPEN		
0700-0800	Retrieve lift bar from S26A:Q5	P.S. Group	No beam
0700-0800	Reboot IOCID04b	M. Smith	No impact

0700-0900	Check out RF2 with no beam and waveguide switch to RF2/4 providing	RF Group	Stored beam
0900-1200	Condition RF2 klystron with beam	OPS/RF Group	Stored beam & inj.
1200-1600	XBPM studies	Yang	Stored beam & inj.
1600-2000	BPM Gain measurements	Sajaev	Stored beam & inj.
2000-2400	APS lattice upgrade studies	Sajaev	Stored beam & inj.
Wednesday, June 02, 2010			
0000-0200	APS lattice upgrade studies (continued)	Sajaev	Stored beam & inj.
0200-0800	OPEN		
0600-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection