

# Machine Studies

## Draft Schedule for Run01-7, 2007

March 12th 0800 - March 14th 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, 3/12/07</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Measure main ramping supplies output	Puttkammer	No Injection
0810-0900	Reboot RTFB IOCs	Lenkszus	No Beam
0810-0900	Check S26 ID linear encoders & check 23BM vacuum	Smith	May affect control law
0810-0900	Replace BO amplifier	Gold	No Injection
0810-0900	Check ref & fwd RF power readings	Horan	No Beam
0810-0900	Switch from RF-3 to RF-2	RF group	No Beam
0830-1000	Debug video sync for 35-BM pinhole camera	Yang	Access Zone F
0830-1000	Map L6 to L3 waveguide run	Grelick	Access Linac
0900-1000	Reset xbpm stage limits 9IDP1X	Hahne	Access Zone B
1000	Standardize to symmetric lattice and inject 100 mA.	OPS Sajaev	
1000-1100	Test rebooter PEM	Soliday/Flood	Limited Injection
1100-1200	Investigate ramp corruption after reboot	Fors	Limited Injection
1000-1200	Test P0 feedback drive. Parallel to ramp investigation and PEM tests.	Yao	Stored beam
1000-1200	Switch orbit correction configurations to symmetric lattice. Parallel to P0 feedback.	Emery	Stored beam
1200-1300	ID32 shielding verification	Ramanathan	Stored Beam & Injection
1300	Inject 100 mA.	OPS	Stored Beam & Injection
1300-1700	Linac studies with PC gun and kicker validation.	Pasky	No injection

1300-1700	Measure sextupole offsets (parallel to linac studies).	Emery Sajaev	Stored beam
1700-2000	Orbit setup for symmetric lattice.	Singh	Stored Beam & Injection
2000-2300	Recover bunch cleaning system.	Yao Yang	Stored Beam & Injection
2300-2400	Xbpm studies.	Decker	Stored Beam & Injection
Tuesday, 3/13/07			
0000-0500	Xbpm studies (continued).	Decker	Stored Beam & Injection
0500-0700	SR training.	Poncin	Stored Beam & Injection
0700-0900	BPM noise measurement.	Singh Keane	Stored Beam & Injection
0900-1100	S38B:P1 and S18A:P1 tests.	Singh Sun	Stored Beam & Injection
0900-1100	Test new linac controllaw PV logic. Parallel to bpm tests.	Sereno	Limited injection
1100-1400	P0/P1 calculation tests.	Singh	Stored Beam & Injection
1400-1500	Optimize ID5 steering. Parallel to linac studies.	Schroeder	Stored Beam & Injection
1500-1700	CPU work.	Emery	Stored Beam & Injection
1700-2100	ID feedforward work.	Emery	Stored Beam & Injection
2100-2400	Accumulation limit and microwave instability.	Yao Chae	Stored beam & injection
Wednesday, 3/14/07			
0000-0100	Accumulation limit (continued)	Yao Chae	Stored beam & injection
0100-0500	Single bunch current scan for impedance characterization.	Chae Sajaev	Stored beam & injection
0500-0700	SR training.	Poncin	Stored beam & injection
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection

