

# Machine Studies

## Schedule for Run02-8, 2007

July 16th 0800 – July 18th 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, 7/16/07</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0830	Prepare for Zone B Access	OPS/FMS	No beam
0810-0900	Set IOC CU corrector limits to 3.5A and fix FB block problem. Requires reboot all RTFB & Datapool IOCs	Lenkszus	No beam
0810-1000	Investigate S27 PSCU problems	PS Group	No beam
0830-0930	Install Cerenkov detector in S11	Gold/Brill	Zone B Access
0900-1000	Hi-pot the booster tune measurement striplines and cable	Yao/Wang	No impact
0900-0930	Install database for S11 Cerenkov counter (requires reboot of iocs11bpm)	Lenkszus	No beam
0930-1000	Recover from Zone B Access	OPS	No beam
1000-1300	BPM database setup for 24 singlets	Singh	Stored beam & Top-up
1200-1500	Test S11 fiber optical radiation detector after installation	Dooling/Yao/Pietryla	Stored beam & inj.
1500-1800	Vertical multibunch instability streak camera imaging for 324 bunch	Harkay/Yang	Stored Beam & Inj.
1800-2300	Setup RHB lattice	Sajaev/Xiao	Stored Beam & Inj.
2300-2400	Tune slope with current for RHB lattice	Sajaev	Stored Beam & Inj.
<b>Tuesday, 7/17/07</b>			
2400-0300	Tune slope with current for RHB lattice	Sajaev	Stored beam & Inj.
0300-0800	OPEN		

<b>0800-1000</b>	<b>Replace temp sensor transmitter module in RF2 and reprogram PLC</b>	<b>Trento</b>	<b>No beam</b>
<b>0900-1000</b>	<b>Test Switch to Machine studies PEM</b>	<b>Shang</b>	<b>No beam</b>
<b>1000-1200</b>	<b>Test 300GPM water flow through 2MW test load pressure vessel</b>	<b>Trento/Swetin</b>	<b>No impact</b>
<b>1000-1200</b>	<b>Monitor S40 RF Cavities during steering in that sector</b>	<b>Singh/RF Group</b>	<b>Stored beam &amp; occ. inj.</b>
<b>1000-1200</b>	<b>Setup and test Agilent VSA with stored beam (parasitic)</b>	<b>Yao/Gold</b>	<b>Stored beam &amp; occ. inj.</b>
<b>1200-1800</b>	<b>Studies with 19-ID (Shutter permit needed)</b>	<b>Decker/Rosenbaum</b>	<b>Stored beam &amp; inj.</b>
<b>1800-2300</b>	<b>Test crab cavity lattice</b>	<b>Sajaev</b>	<b>Stored beam &amp; inj.</b>
<b>2300-2400</b>	<b>Vertical multibunch instability vs. tunes (various fill patterns)</b>	<b>Harkay</b>	<b>Stored beam &amp; Inj.</b>
<b>Wednesday, 7/18/07</b>			
<b>0000-0500</b>	<b>Vertical multibunch instability studies vs. tunes (various fill patterns)</b>	<b>Harkay</b>	<b>Stored beam &amp; Inj.</b>
<b>0500-0630</b>	<b>Update X-ray BPM look-up tables (24 singlets, top-up)</b>	<b>Decker</b>	<b>Stored beam &amp; injection.</b>
<b>0630-0800</b>	<b>Prepare for User beam (24 singlets, Top-up)</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>