

# Machine Studies

## Schedule for Run02-11, 2004

August 2nd, 0800 - August 4th, 0800

Time	Descriptions	Studios	SRStatus
<b>Monday, 8/2/04</b>			
0800-0805	Record XBPM data for user orbit with TopUp running	OPS	SR Beam
0805-0900	Replace blower unit in Rack 05-03	Benes	No Beam
0805-0930	Install software modifications for testing on iocs39fb & iocs29fb. The modification adds checksums to bpm data transferred from the DAS DSP to the Vertical DSP	Lenkszus	No Beam
0805-0930	Replace BUG communicating with Ion Gauge controller in S34	Stein	No Beam
0805-0930	replace a VME board in iocfe01	M. Smith	No Impact
0805-1000	Reboot iocrf3cav to install software for the HOM Damper Interlock monitoring system.	Dimonte	No Beam
0805-1000	De-energize panel board ELP-J1	Gibson	No impact
0805-1100	PAR bunch cleaning setup test	Yao, Grelick, Lenkszus	No impact
0805-1200	Access Zone B to test or replace 16ID SS2 open switch	Friedman	Access SR Zone B
0830-1030	Operator Training - Booster	Forth	No Beam
0830-1000	replace dosimeters @3ID & 4ID. The ID gaps need to be open	Petra	Access SR Zone A
0830-1030	Check the status of a servo motor inserted near the sector 3 ID	Stein	Access SR Zone A

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
0830-0930	13IDP1X bpm translation stage is on limit switch, correct this problem	Hahne	Access SR Zone B
0830-1030	Swap out up to 8 corrector PSs, this is an upgrade to the regulator circuit. (Zone C)	Vargus, Sprau	No Beam
0930-1030	17IDP2Y bpm translation stage is on limit switch, correct this problem	Hahne	Access SR Zone C
0930-1030	Replace magnet supply at RF4	Wald- schmidt	No impact
0930-1000	reboot iocsbpmdb to add 2 new PVs	Lenkszus	No Beam
1200-1230	Recover SR equipment & verify SR injection	OPS	Stored Beam &Inj
1230-2000	Xbpm alignment work	Decker	Stored Beam &Inj
1230-1330	Install modified xbpm filter cards in S5/6	Hahne Singh	Stored Beam &Inj
1800-2000	Operator Training - PAR (1500-2300)	Glenn	Limited Inj
2000-2400	Image the multibunch bursting instability	Harkay	Stored beam & inj
<b>Tuesday, 8/3/04</b>			
0000-0200	Operator Training - Linac (2300-0700)	Leeson	Limited Inj
0200-0700	Study time available		Limited Inj
0700-0900	Operator Qualification - Booster (0700-1500)	Forth, Jones	No Inj
0800-0900	Test SCR restore tracking. Needs to use LEUTL (without beam)	Borland Shang	No Inj
0900-1100	Test despiking reramp software	Borland Soliday Shang Lenkszus	Stored beam & inj

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>0900-1100</b>	<b>PAR training for RF group (injection possible)</b>	<b>Grelick</b>	<b>Stored beam &amp; inj</b>
<b>1100-1400</b>	<b>Test PAR bunch cleaning with RF harmonic drive</b>	<b>Borland Sereno Yao</b>	<b>Stored beam &amp; inj</b>
<b>1400-1800</b>	<b>Characterize P1 BPMs at low current</b>	<b>Bui Singh</b>	<b>Stored beam &amp; inj</b>
<b>1800-2100</b>	<b>S5/6 Xbpm/nbBpm spectrum measurement</b>	<b>Xiang Bui Singh</b>	<b>Stored beam &amp; inj</b>
<b>1800-2100</b>	<b>S5/6 ID/BM Xbpms calibration (parasitic)</b>	<b>Hahne</b>	<b>Stored beam &amp; inj</b>
<b>2100-2400</b>	<b>RTFB tests with xbpms/nbbpm</b>	<b>Singh</b>	<b>Stored beam &amp; inj</b>
<b>2100-2300</b>	<b>Operator Training - PAR (1500-2300)</b>	<b>Glenn</b>	<b>Limited Inj</b>
<b>Wednesday, 8/4/04</b>			
<b>0000-0200</b>	<b>Operator Training - Linac (2300-0700)</b>	<b>Leeson</b>	<b>Limited Inj</b>
<b>0200-0700</b>	<b>Studies time available</b>		<b>Stored beam &amp; inj</b>
<b>0700-0800</b>	<b>Ready for 0+24X1 fill pattern, low emittance, TopUp</b>	<b>OPS</b>	<b>Stored beam and injection</b>