

# Machine Studies

## Schedule for Run3-7, 2003

November 10th, 0800 - November 12th, 0800

<b>Time</b>	<b>Descriptions</b>	<b>Studios</b>	<b>SRStatus</b>
<b>Monday, 11/10/03</b>			
<b>0800-0815</b>	<b>Record XBPM data for user orbit</b>	<b>OPS</b>	<b>SR Beam</b>
<b>0815-0915</b>	<b>Calibrate L5:CM1</b>	<b>Brill</b>	<b>No beam</b>
<b>0815-0915</b>	<b>Swap VXI Module at ioclid4 &amp; Lid5</b>	<b>Grelick</b>	<b>No injection</b>
<b>0815-0900</b>	<b>Reboot iocbvp1 to added PVs</b>	<b>Varotto</b>	<b>No injection</b>
<b>0815-0900</b>	<b>Change stringout PVs to waveform PVs on iocruncontrol</b>	<b>Lenkszus</b>	<b>No beam</b>
<b>0815-0915</b>	<b>Replace Allen/Bradley 1771-IFE module</b>	<b>Di Monte</b>	<b>No beam</b>
<b>0815-0915</b>	<b>Switch from RF3 to RF2 providing</b>	<b>Nassiri</b>	<b>No beam</b>
<b>0815-1000</b>	<b>Install &amp; test card in iocinjtime to support PAR Bunch Cleaning</b>	<b>Lenkszus</b>	<b>No injection</b>
<b>0815-1000</b>	<b>FE-EPS testing at 9ID, vacuumm system verification</b>	<b>Behrndt</b>	<b>No beam</b>
<b>0815-1000</b>	<b>Replace Dosimeters at 3ID &amp; 4ID under a Working Warm procedure</b>	<b>Petra</b>	<b>Zone A Controlled Access</b>
<b>0815-1000</b>	<b>Inspect SR Dipole regulator</b>	<b>McNamara</b>	<b>No beam</b>
<b>0815-1000</b>	<b>Check S36 cavity 1 coupler thermocouple. Possible access zone F.</b>	<b>RF</b>	<b>No beam</b>
<b>1000-1030</b>	<b>Recover the Linac, Booster &amp; SR equipment and store beam in the Ring</b>	<b>OPS</b>	<b>Recovery</b>
<b>1030-1100</b>	<b>Test power cycling of PV ioc procedure</b>	<b>Yao Fors</b>	<b>Stored beam and injection</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>1100-1500</b>	<b>Investigate BPM noise.</b>	<b>Lenkszus Laird Erwin Hahne Xiang</b>	<b>Stored beam and injection</b>
<b>1200-1400</b>	<b>Linac training. Parasitic to BPM noise.</b>	<b>OPS</b>	
<b>1500-1900</b>	<b>Dynamics study with horizontal and longitudinal excitation.</b>	<b>Harkay Guo</b>	<b>Stored beam and injection</b>
<b>1900-2400</b>	<b>324 bunch mode bpm database.</b>	<b>Singh Decker</b>	<b>Stored beam and injection</b>
<b>1900-2100</b>	<b>Linac training. Parasitic to bpm database.</b>	<b>OPS</b>	
<b>2300-0100</b>	<b>Par training. Parasitic to bpm database.</b>	<b>OPS</b>	
<b>Tuesday, 11/11/03</b>			
<b>0000-0400</b>	<b>Linear coupling and instability study.</b>	<b>Wang</b>	<b>Stored beam and injection</b>
<b>0400-1000</b>	<b>Dynamic aperture measurement. BPM gain measurement. Lattice adjustment for 324 bunches.</b>	<b>Sajaev</b>	<b>Stored beam and injection</b>
<b>0700-0900</b>	<b>Linac training. Parasitic</b>	<b>OPS</b>	
<b>1000-1400</b>	<b>Test new version of steering software.</b>	<b>Emery Shang OPS</b>	<b>Stored beam and injection</b>
<b>1000-1300</b>	<b>Investigate removal of multiple ferrites in L1. Parasitic to steering software.</b>	<b>Grelick</b>	
<b>1400-1500</b>	<b>ST power supply PEM testing.</b>	<b>Soliday Borland</b>	<b>Stored beam and injection</b>
<b>1500-2300</b>	<b>ID Xbpm feedforward.</b>	<b>Singh Decker</b>	<b>Stored beam and injection</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>1500-1700</b>	<b>Linac training.</b>	<b>OPS</b>	
	<b>Wednesday, 11/12/03</b>		
<b>2300-0300</b>	<b>Check routine CPU operation.</b>	<b>Emery</b>	<b>Stored beam and injection</b>
<b>2300-0100</b>	<b>Par training. Parasitic to CPU studies.</b>	<b>OPS</b>	
<b>0300-0700</b>	<b>Multibunch transverse instability studies.</b>	<b>Harkay</b>	<b>Stored beam and injection</b>
<b>0700-0800</b>	<b>Ready for 0+324X1 fill pattern, low emittance, non-TopUp.</b>	<b>OPS</b>	<b>Stored beam and injection</b>