

# Machine Studies

## Schedule for Run3-11, 2003

December 2th, 1600 - December 4th, 0800

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>Tuesday, 12/2/03</b>			
<b>1600-1615</b>	<b>Record XBPM data for user orbit.</b>	<b>OPS</b>	<b>SR Beam</b>
<b>1615-2200</b>	<b>Orbit set-up for hybrid singlet mode with cogging.</b>	<b>Singh Decker</b>	<b>Stored beam and injection</b>
<b>2200-2400</b>	<b>Singlet hybrid mode with maximum single bunch current. Test with user.</b>	<b>Harkay Sajaev</b>	<b>Stored beam and injection</b>
<b>Wednesday, 12/3/03</b>			
<b>0000-0300</b>	<b>Singlet hybrid mode with maximum single bunch current. Test with user (continued).</b>	<b>Harkay Sajaev</b>	<b>Stored beam and injection</b>
<b>0300-0500</b>	<b>Operator training.</b>	<b>OPS</b>	<b>No injection</b>
<b>0500-0700</b>	<b>RTFB rebooting tests.</b>	<b>Emery Len- kszus</b>	<b>Stored beam and injection</b>
<b>0700-0800</b>	<b>Beam steering in S36 cavity</b>	<b>Emery RF</b>	<b>Stored beam and injection</b>
<b>0800-0900</b>	<b>Unlock 23ID &amp; 24ID's shutters in preparation for shielding verifications</b>	<b>Mohan</b>	<b>Access Zone-D</b>
<b>0800-0900</b>	<b>Check new BESOCM cables in the tunnel</b>	<b>Brill</b>	<b>PAR Access</b>
<b>0800-0900</b>	<b>Photograph area between L:AS2-AS3</b>	<b>S. Berg</b>	<b>Linac Access</b>
<b>0800-1100</b>	<b>Install a 60A 208Vac circuit breaker within the RF test stand breaker panel.</b>	<b>Trento</b>	<b>No beam</b>

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<b>0800-0900</b>	<b>Replace Johnson controls digital input module for RF pumps 901 and 902.</b>	<b>Ferry</b>	<b>No beam</b>
<b>0830-0930</b>	<b>Replace 3ID &amp; 4ID dosimeters under a working Warm Procedure</b>	<b>Petra</b>	<b>Access Zone A</b>
<b>0830-1030</b>	<b>Replace blowers on S39IK2.</b>	<b>Morrison</b>	<b>Access Zone F</b>
<b>0900-1100</b>	<b>Reprogram CPU at 0900, then starting from 0930 CPU magnet tests.</b>	<b>Smith Emery</b>	<b>No beam</b>
<b>0900-1100</b>	<b>PCG Laser alignment.</b>	<b>Yuelin Li</b>	<b>Linac Access</b>
<b>0900-1100</b>	<b>23ID &amp; 24ID PSS &amp; EPS work, can not start until shutters are unlocked.</b>	<b>Hawkins</b>	<b>No Beam</b>
<b>0900-0930</b>	<b>Reboot IOCS21VP.</b>	<b>CTL</b>	<b>No Beam</b>
<b>1100-1130</b>	<b>Recover injector equipment and fill 10mA.</b>	<b>OPS</b>	<b>Recovery</b>
<b>1130-1530</b>	<b>Shielding Verifications 23ID &amp; 24ID at 10mA then 30mA.</b>	<b>Mohan</b>	<b>Stored beam and injection</b>
<b>1130-1430</b>	<b>2hrs. Operator Linac training, one SR injection to 30mA during this period.</b>	<b>OPS</b>	<b>Stored beam and injection</b>
<b>1530-1630</b>	<b>Lock out the 23ID &amp; 24ID's shutters.</b>	<b>Mohan</b>	<b>Access Zone-D</b>
<b>1630-1700</b>	<b>Recover beam.</b>	<b>OPS</b>	<b>Stored beam and injection</b>
<b>1700-2300</b>	<b>Par bunch cleaning and bunch purity vs. par rf. Fill 5mA single bunch at the end of the shift for next SR study.</b>	<b>Sereno Borland</b>	<b>Stored beam and injection</b>
<b>2300-2400</b>	<b>LEUTL for SPIRIT operation.</b>	<b>Lewellen</b>	<b>Infrequent injection possible</b>
<b>Thursday, 12/4/03</b>			

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>0000-0330</b>	<b>LEUTL for SPIRIT operation (continued).</b>	<b>Lewellen</b>	<b>Infrequent injection possible</b>
<b>2300-0330</b>	<b>Single bunch motion imaging. Parallel to LEUTL.</b>	<b>Yang Chae</b>	<b>Stored beam</b>
<b>0330-0530</b>	<b>Operator training.</b>	<b>OPS</b>	<b>No injection</b>
<b>0530-0730</b>	<b>S35 bpm noise study.</b>	<b>Lenkszus Laird Erwin singh</b>	<b>Stored beam and injection</b>
<b>0730-0800</b>	<b>Ready for 1+8X7 fill pattern, low emittance, TopUp, cogging</b>	<b>OPS</b>	<b>Stored beam and injection</b>