

# Machine Studies

## Schedule for Run1-9,2002

03/18, 0800 to 03/20,0800

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>Monday, 03/18/02</b>			
<b>0800-1200</b>	<b>Corrector feedforward signal checkout in Zone-E and F.</b>	<b>McNamara PS group</b>	<b>No beam</b>
<b>0800-1000</b>	<b>reboot all the ID and Front End IOCs</b>	<b>Mohan</b>	<b>No beam</b>
<b>0800-0930</b>	<b>Replace RF2 and RF4 Orphan load with new units</b>	<b>Horan Swetin</b>	<b>No beam</b>
<b>0830-1000</b>	<b>Operators Booster console test</b>	<b>Banks Shultes</b>	<b>Booster beam</b>
<b>0800-1000</b>	<b>Access Zone-A to add dosimeter to S3 and 4 ID devices, control access with multipole magnet supplies on.</b>	<b>Petra</b>	<b>No beam</b>
<b>1000-1200</b>	<b>Measure the booster circumference</b>	<b>Sereno</b>	<b>Booster beam</b>
<b>1200-1600</b>	<b>High current study with 130mA stored beam and doublet fill pattern</b>	<b>Singh Emery Yang Cherbak</b>	<b>Stored beam and injection</b>
<b>1600-2000</b>	<b>Lower emittance lattice setup</b>	<b>Emery</b>	<b>Stored beam and injection</b>
<b>2000-2400</b>	<b>Longitudinal injection lattice correction</b>	<b>Emery Sajaev</b>	<b>Stored beam and injection</b>
<b>Tuesday, 03/19/02</b>			

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>0000-0600</b>	<b>BPM cogging test</b>	<b>Decker</b>	<b>Stored beam and injection</b>
<b>0600-0800</b>	<b>Shielding verification for 16ID</b>	<b>Mohan</b>	<b>Stored beam, and injection</b>
<b>0600-0800</b>	<b>Check linac/par MPEOB interlock</b>	<b>Carwardine PS group</b>	<b>Stored beam, no injection</b>
<b>0800-1200</b>	<b>3/20 terms polynomials and data pool tests</b>	<b>Lenkszus Singh</b>	<b>Stored beam and injection</b>
<b>0800-1200</b>	<b>Linac ioc based controllaw test (parasitic)</b>	<b>Borland</b>	<b>Stored beam and injection</b>
<b>1200-1600</b>	<b>High current with 130mA, need to fix S23A:S2 first.</b>	<b>Singh Harkay Yao Horan Cherbak</b>	<b>Stored beam and injection</b>
<b>1600-2000</b>	<b>Single bunch current limit study</b>	<b>Harkay</b>	<b>Stored beam and injection</b>
<b>2000-2400</b>	<b>AC mode CPU study</b>	<b>Emery Vasserman</b>	<b>Stored beam and injection</b>
<b>Wednesday, 03/20/02</b>			
<b>0000-0400</b>	<b>Imaging Injection Process: Low-Emit-tance User Lattice vs. Longitudinal Injection Lattice</b>	<b>Chae Emery Yang</b>	<b>Stored beam and injection</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiars</b>	<b>SRStatus</b>
<b>0400-0700</b>	<b>Investigate local bump steering instability with 0.5 second interval</b>	<b>Emery</b>	<b>Stored beam and injection</b>
<b>0700-0800</b>	<b>Ready for user beam with low emittance lattice and top-up</b>	<b>Ops Yao</b>	<b>Stored beam, and injection</b>
<b>End of Studies</b>			