

# Machine Studies

## Schedule for Run2-7,2002

July 8th, 0800 - July 10th 0800

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
	<b>Monday, 07/08/02</b>		
<b>0810-1200</b>	<b>Test, calibrate, and maybe install the VXI version of Arbitrary Waveform Synthesizer in PAR. Need linac beam.</b>	<b>Dimonte Smith</b>	<b>No beam and no injection</b>
<b>0800-0830</b>	<b>Collect xray BPM data with gaps closed at 15 mm.</b>	<b>Singh</b>	<b>SR beam and no injection</b>
<b>0800-0810</b>	<b>Linac down for switching test stand cathode heater power supply.</b>	<b>Lewellen</b>	<b>No beam and no injection</b>
<b>0830-1030</b>	<b>Mid-run SR walk-through for water leak check (Note that Zones B and C must be in controlled access by 1000h for PS testing).</b>	<b>ME group</b>	<b>No beam</b>
<b>0830-1100</b>	<b>Zone F access for cavity blower replacement and 35-BM pinhole camera slit adjustment</b>	<b>RF group Yang</b>	<b>No beam</b>
<b>0930-1000</b>	<b>Zone E access for bad rotary encoder on ID34.</b>	<b>Grimmer</b>	<b>No beam</b>
<b>0930-1000</b>	<b>Zone A access for alanine film swap in ID3.</b>	<b>Petra</b>	<b>No beam</b>
<b>0800-0900</b>	<b>Change 12 love controllers</b>	<b>Putnam</b>	<b>No beam and no injection</b>
<b>0800-0830</b>	<b>Remove jumpers for HET stop</b>	<b>Forrestal</b>	<b>No beam and no injection</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>0800-1000</b>	<b>Remove old ribbon cables from S9 cabinet 5</b>	<b>ESG</b>	<b>No beam and no injection</b>
<b>0800-1000</b>	<b>Booster corrector raw supply BRH420 work.</b>	<b>ESG</b>	<b>No beam and no injection</b>
<b>1000-1200</b>	<b>Check S20BMT and S15BMT converter. (SR Zones B and C must be in controlled access by this time)</b>	<b>ESG</b>	<b>No beam and no injection</b>
<b>1200-1210</b>	<b>Linac down for switching test stand cathode heater power supply.</b>	<b>Lewellen</b>	<b>No beam and no injection</b>
<b>1210-1400</b>	<b>Booster training</b>	<b>Hill</b>	<b>Stored beam and occasional injection</b>
<b>1210-1600</b>	<b>CPU AC mode correction at more points.</b>	<b>Vasserman Emery</b>	<b>Stored beam and injection</b>
<b>1400-1600</b>	<b>Test new sddsglitchlogger</b>	<b>Soliday Borland</b>	<b>Stored beam and injection</b>
<b>1400-1600</b>	<b>Test new logDaemon</b>	<b>Shang Borland Sidorowicz</b>	<b>Stored beam and injection</b>
<b>1400-1600</b>	<b>Linac access to install a preamp in the tunnel for the L3 30 GHz coherent transition radiation detector, switch test stand cathode heater power supply, and for some unspecified thing RF group wants to do.</b>	<b>Decker Lewellen Nassiri</b>	<b>Stored beam and no injection</b>
<b>1600-2000</b>	<b>Single bunch instability studies</b>	<b>Harkay</b>	<b>Stored beam and injection</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>2000-2400</b>	<b>SR Bunch purity studies as a function of the linac pulse train + bunch cleaning</b>	<b>Lumpkin Yao</b>	<b>Stored beam and injection</b>
	<b>Tuesday, 07/09/02</b>		
<b>0000-0200</b>	<b>Chromaticity correction script check with low-emittance lattice</b>	<b>Sajaev</b>	<b>Stored beam and injection</b>
<b>0200-0400</b>	<b>Response measurement of high-emittance lattice.</b>	<b>Sajaev</b>	<b>Stored beam and injection</b>
<b>0400-0600</b>	<b>Lifetime vs chromaticity of high-emittance lattice.</b>	<b>Sajaev Emery</b>	<b>Stored beam and injection</b>
<b>0600-1200</b>	<b>Orbit for high emittance lattice</b>	<b>Singh Emery</b>	<b>Stored beam and injection</b>
<b>1000-1200</b>	<b>Booster training</b>	<b>Hill</b>	<b>Stored beam and occasional injection</b>
<b>1200-1400</b>	<b>Waveguide reconfiguration</b>	<b>RF group</b>	<b>No beam</b>
<b>1200-1400</b>	<b>Check L1:RG1:LFA:TRM BOSS supply. No linac beam possible.</b>	<b>ESG</b>	<b>No beam</b>
<b>1200-1400</b>	<b>Replace S20BMT cable</b>	<b>Donkers</b>	<b>No beam</b>
<b>1400-1800</b>	<b>Beam Energy Calibration</b>	<b>Chae</b>	<b>Stored beam and injection</b>
<b>1800-2100</b>	<b>Multi-bunch instability studies</b>	<b>Harkay</b>	<b>Stored beam and injection</b>
<b>1900</b>	<b>Louis Emery goes on vacation for 10 days.</b>	<b>Emery</b>	<b>SR can still run.</b>

<b>Time</b>	<b>Descriptions</b>	<b>Studiars</b>	<b>SRStatus</b>
<b>2100-2400</b>	<b>BPM history data collection</b>	<b>Wang</b>	<b>Stored beam and injection</b>
<b>Wednesday, 07/10/02</b>			
<b>0000-0100</b>	<b>BPM history data collection (cont'd)</b>	<b>Wang</b>	<b>Stored beam and injection</b>
<b>0100-0700</b>	<b>ID x bpm feedforward</b>	<b>Decker</b>	<b>Stored beam and injection</b>
<b>0700-0800</b>	<b>Setup for User beam high-emittance, non-topup.</b>	<b>OPS</b>	<b>Stored beam and injection</b>

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0830-1100	Zone F access for cavity blower replacement and 35-BM pinhole camera slit adjustment	RF group Yang	No beam
0930-1000	Zone E access for bad rotary encoder on ID34.	Grimmer	No beam
0930-1000	Zone A access for alanine film swap in ID3.	Petra	No beam
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