



# Machine Studies

## Draft Schedule for Run01-5, 2018

February 26th 0800 – February 27th 0800

Time	Descriptions	Studiers	SR Status
Monday, February 26, 2018			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Sereno, Schroeder	Stored Beam & Injection
0930-1130	Replace rack mounted power strip (may lose Metasys)	Smith, Pruitt	Stored Beam & Injection
0930-1030	Waveguide switch to SR RF2	RF Group	No beam
0930-1130	Swap out quadrupoles	Vargas	No Beam
0930-1130	Install Linac RF DB changes	Pietryla	Limited Injection
1030-1330	Test SRRF PEMs	Soliday/Schroeder	No Beam
1130-1330	Set-up PAR rf system manager files	Harkay	No injection
1330-1400	Recover SR	OPS	Stored Beam & injection
1400-1700	Finish gap scans and realign XBPMs	Sereno/Hahne	Stored Beam & Injection
1700-2100	Orbit switch	Xiao	Stored Beam & Injection
2100-2400	PAR high charge studies	Harkay	Occassional

			<b>injection possible</b>
	<b>Tuesday, February 27, 2018</b>		
<b>0000-0500</b>	<b>PAR high charge studies (continued)</b>	<b>Harkay</b>	<b>Occasional injection possible</b>
<b>0500-0700</b>	<b>OPEN</b>		
<b>0700-1000</b>	<b>PAR Loss Monitor studies</b>	<b>Dooling, Yao</b>	<b>Limited injection</b>
<b>0730-0800</b>	<b>Prepare for Zone A Access</b>	<b>OPS</b>	<b>Stored beam</b>
<b>0800-0900</b>	<b>Inspect HSCU cold heads for leak</b>	<b>Hasse</b>	<b>Zone A Access</b>
<b>0830-1000</b>	<b>Switch back to SR RF3 if needed (RF Group will make the decision)</b>	<b>RF Group</b>	<b>No beam</b>
<b>1000-1200</b>	<b>optimize PTB matching</b>	<b>Yao</b>	<b>Limited injection</b>
<b>1200-1400</b>	<b>optimize Booster efficiency with local steering</b>	<b>Yao, Shang</b>	<b>Limited injection</b>
<b>1400-1800</b>	<b>6 GeV lattic</b>	<b>Emery, Xiao</b>	<b>Stored beam &amp; injection</b>
<b>1800-2200</b>	<b>BTS line measurement</b>	<b>Xiao</b>	<b>Stored beam &amp; injection</b>
<b>2200-2400</b>	<b>P1 BPM offset measurement</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
	<b>Wednesday, February 28, 2018</b>		
<b>0000-0630</b>	<b>Local impedance and/or commissioning simulation</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>