

# Machine Studies

## Draft Schedule for Run01-5, 2015

March 2<sup>nd</sup> 0800 – March 4<sup>th</sup> 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, March 2, 2015</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1000	Reboot interleaving DSPs	PS group	No Injection
0930-1000	RF waveguide switch from RF2 to RF3	RF Group	No Beam
0930-1130	Feedback IOC work	Lenkszus	No Beam
0930-1130	Swap converters for IGBT upgrade S8	Vargas	No Beam
0930-1130	Replace water hoses in Zone D raws.	Goetzen	No Beam
1000-1100	Repair PTB:FL1	MOM	Access Linac
1000-1200	Replace PFN load cable for RG2	Donkers/Vanis	Access Linac
1000-1400	Swap out RF Gun1	Hoyt, MOM	Access Linac
1015-1215	Replace temp sensors at S33B:QS	Wright	Access Zone E
1130-1400	Test startDigitizer timing change	Lenkszus/Yao Shang/Laird	No Beam
1400-1700	Take measurements of PAR RF-12 #1	RF Group	Stored Beam & Injection
1430-1700	L2 & 3 RF power measurements	RF Group	Limited Injection
1500-1700	Setup S1A BPMs for turn-by-turn measurement	Sajaev	Limited Injection
1700-2100	Hybrid setup with P0 feedback and CPU	Sajaev/Yao /Xiao	Stored Beam & Injection
2100-2300	Linac training (15-23)	E. Smith	Limited Injection
2300-2400	Booster training (23-07)	Henry	Limited Injection
<b>Tuesday, March 3, 2015</b>			
0000-0100	Booster training (23-07)	Henry	Limited Injection
0100-0500	Orbit Switch	Xiao	Stored Beam &

			<b>Injection</b>
<b>0500-0800</b>	<b>Hybrid with CPU on</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>0800-1000</b>	<b>Remove bakeout equipment from RG-1</b>	<b>Hoyt</b>	<b>Access Linac</b>
<b>0800-1000</b>	<b>Test startDigitizer timing change</b>	<b>Lenkszus/Yao Shang/Laird</b>	<b>No Beam</b>
<b>1000-1300</b>	<b>RG2 Tuning</b>	<b>Yin-e Sun /Dooling</b>	<b>Limited Injection</b>
<b>1000-1300</b>	<b>Test 4x4 RTFB at S27</b>	<b>Lenkszus /Sereno/Xu</b>	<b>Limited Injection</b>
<b>1300-1500</b>	<b>Par beam size measurement</b>	<b>Yao/Harkay /Calvey</b>	<b>Par beam only</b>
<b>1500-1800</b>	<b>Booster rf frequency scan</b>	<b>Yao</b>	<b>Booster beam only</b>
<b>1800-2000</b>	<b>Linac training (15-23)</b>	<b>E. Smith</b>	<b>Limited Injection</b>
<b>1800-2100</b>	<b>ID4 physical aperture</b>	<b>Yi-peng Sun/Emery</b>	<b>Limited Injection</b>
<b>2100-2400</b>	<b>RG1 condition</b>	<b>Pasky/Dooling</b>	<b>No Beam</b>
<b>Wednesday, March 4, 2015</b>			
<b>0000-0130</b>	<b>RG1 condition</b>	<b>Pasky/Dooling</b>	<b>No Beam</b>
<b>0130-0330</b>	<b>Booster training (23-07)</b>	<b>Henry</b>	<b>Limited Injection</b>
<b>0330-0630</b>	<b>ID4 Local impedance measurement</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>