

# Machine Studies

## Schedule for Run01-10, 2014

April 1<sup>st</sup> 0800 – April 2<sup>nd</sup> 0800

Time	Descriptions	Studiers	SR Status
	Tuesday, April 01, 2014		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0800-0810	Observe (BM shutter behavior	Forrestal	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1000	Reboot interleaving PS DSPs	PS Group	No Injection
0930-1130	Investigate sector 4 cabinet 5 Gespac.	Puttkammer	No beam
0930-1130	Replace DAC/Regulator and +5V control power pak for PTB:Q7	Puttkammer	No beam
0930-1130	Replace Gespac power supply in sector 37 cabinet 1	Puttkammer	No beam
0930-1000	Remove and replace MPC for ion pump VM:05:2IP6ID1	Martens	No Beam
0930-1000	Waveguide switch to RF-3	RF Group	No Beam
0930-1130	Swap quadrupoles in S2	Puttkammer	No Beam
1000-1130	Check out RF-3 and close CCWP	RF Group	No Beam
1000-1200	Investigate erratic cavity phase readback on the Harmonic PAR system	RF Group	No Beam
1000-1200	PC gun measurements	Pasky/Grabinski	Access Linac
1200-1230	Recover stored beam and take orbit response measurement, measure tunes	OPS/Schroeder	Stored beam & injection
1230-1400	SR training (09-15)	Obasohan	Stored Beam & Injection
1400-1600	RG2 studies	Pasky	Limited injection
1600-1900	booster BM new ramp tuning with beam	Yao	Limited injection

<b>1900-2100</b>	<b>verify/correct RHB lattice functions</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>2100-2400</b>	<b>Work on script for turn-by-turn data collection during user operation</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
	<b>Wednesday, April 02, 2014</b>		
<b>0000-0100</b>	<b>Work on script for turn-by-turn data collection during user operation(continued)</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>0100-0500</b>	<b>Study tune shift with amplitude vs chromaticity</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>0500-0700</b>	<b>Linac training (23-07)</b>	<b>Frausto</b>	<b>Limited Injection</b>
<b>0700-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>