

# Machine Studies

## Schedule for Run01-12, 2014

April 15th 0800 – April 16th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, April 15, 2014			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables, take orbit response measurement, tunes	Schroeder	Stored Beam & Injection
0930-1030	Bldg. 450 reconfigure bus-tie	Kailus	No beam
0930-1030	Bus-tie B:BM power supplies	Yao/Wang/FM S	No Injeciton
0930-1130	Swap out S17A:S1 converter <del>converter-supplies</del>	Puttkammer	No Beam
0930-1130	Troubleshoot BTS:AV1	PS Group	No Beam
0930-1230	<del>Investigate PAR RF-12 phase detector (Fill storage-ring with 24 singlets before next study)</del> (deferred)	RF Group	Limited Injection
1230-1330	<del>Take tunes and orbit response measurement</del> (canceled)	Schroeder	Stored beam
1230-1430	setup the booster beam after switching the booster to bus-tie on the experiment side of AC line	Yao/Shang/ J. Wang	Limited Injection
1430-1630	test VSA/MXA based SR tune and chromaticity application	Yao/Shang	Stored beam
1500-1700	PAR training (15-23)	Frausto	Limited Injection
1700-2100	measure dynamic aperture as a function of orbit in ID4	Sajaev	Stored beam & inj.
2100-2400	Orbit switch to 324	Xiao	Stored beam & inj.
Wednesday, April 16, 2014			

<b>0000-0100</b>	<b>Orbit switch to 324 (continued)</b>	<b>Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>0100-0300</b>	<b>Orbit switch for next start-up</b>	<b>Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>0300-0500</b>	<b>OPEN</b>		
<b>0500-0700</b>	<b>SR training (23-07)</b>	<b>Angel</b>	<b>Stored Beam &amp; Injection</b>
<b>0700-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>