

# Machine Studies

## Schedule for Run03-7, 2011

November 14th 0800 – November 16th 0800

Time	Descriptions	Studios	SR Status
	Monday, November 14, 2011		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder/ OPS	Stored Beam & Injection
0930-1030	RF waveguide switch	RF group	No Beam
0930-1130	Test DSP 85 AC Voltmeter	Lenkszus	Rebooted iocs40fb
0930-1230	Move external monitoring from SR 25AQ5 & 25BQ5 converters to S29AQ1 and S291Q3 Swap S12:BH4	Puttkammer	No Beam
0930-1230	Continue troubleshooting PAR RF systems	Smith, T.	No injection
1000-1100	Inspect S40/C3 for water pipe damage	RF group	Access Zone F
1015-1115	Offset BNL bellows	Hoyt/S&A	Access Zone D
1230-1300	Recover SR and Injector systems	OPS	Stored Beam & Injection
1300-1400	Test RF cavity IOC reboots with beam.	DiMonte RF	Stored Beam

		group	& Injection
1400-1800	Orbit switch.	Xiao	Stored Beam & Injection
1800-2200	CPU study.	Xiao	Stored Beam & Injection
2200-2400	Characterize/collect data for NbBPMs with synch timing.	Bui Lill	Stored Beam & Injection
Tuesday, November 15, 2011			
0000-0100	Characterize/collect data for NbBPMs with synch timing (continued).	Bui Lill	Stored Beam & Injection
0100-0300	SR training.	Bogdan	Stored Beam & Injection
0300-0700	Multibunch instability study and alternate bunch patterns.	Harkay	Stored Beam & Injection
0700-0900	Steer SR orbit at S3 stripline.	Yao	Stored Beam & Injection
0900-1100	Set up 375MeV injection.	Yao Sereno	Stored Beam & Injection
0900-1100	Check and fix P3P4 PAR bpm (parallel to 375MeV injection).	Erwin	No effect
1100-1300	RTFB configuration change.	Sereno	Stored Beam & Injection
1300-1500	Steer orbit to move it away from BPLD limits (ID2 and ID15).	Sajaev	Stored Beam & Injection

<b>1500-1700</b>	<b>Correct SR optics after steering.</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-2100</b>	<b>Finish debugging xbpn data collection script.</b>	<b>Decker Hahne Shang</b>	<b>Stored Beam &amp; Injection</b>
<b>2100-2400</b>	<b>ID4 radiation experiment.</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
	<b>Wednesday, November 16, 2011</b>		
<b>0000-0100</b>	<b>ID4 radiation experiment (continued).</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0500</b>	<b>4NLSS lattice setup.</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0500-0700</b>	<b>SR training.</b>	<b>Bogdan</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>