

# Machine Studies

## Schedule for Run01-2, 2011

February 8th 0800 - February 9th 0800

| Time      | Descriptions                                     | Studiers           | SR Status               |
|-----------|--|--------------------|-------------------------|
|           | Tuesday, February 08, 2011                       |                    |                         |
| 0800-0810 | Collect XBPM orbit data                          | OPS                | Stored Beam & Injection |
| 0810-0900 | Gap Scans and update IDGapFF look-up tables      | Schroeder          | Stored Beam & Injection |
| 0900-1100 | Test RTFB VME interface (iocs39fb)               | Lenkszus           | No Beam                 |
| 0900-1100 | Troubleshoot S14B:Q2 / test S5A:Q2               | Puttkammer         | No Beam                 |
| 0900-1030 | Test B:BM current ramp reference                 | PS group           | Limited injection       |
| 0900-1100 | Install waveguide shorting plate at RF-2         | RF group           | No Beam                 |
|           |  |                    |                         |
| 1030-1100 | Reboot iocbramp and iocbvpl                      | Xu                 | No Injection            |
| 1000-1100 | Linac training.                                  | Pasky              | No Injection            |
| 1100-1200 | Troubleshoot PEMs on linux workstations.         | Schroeder<br>Shang | Stored Beam & Injection |
| 1200-1300 | Scan sensitivity to BTM timing.                  | Emery              | Stored Beam & Injection |
| 1300-1400 | Set up and test new ramp correction.             | Yao Shang          | No Injection            |
| 1400-1600 | Set up low chromaticity lattice for P0 feedback. | Yao                | Stored Beam & Injection |
| 1600      | Fill SR with 324 bunches.                        | OPS                |                         |
| 1600-1800 | Measure and update booster response matrix.      | Yao                | No Injection            |
| 1600-1800 | CPU correction (parallel to booster work).       | Xiao               | Stored beam             |
| 1800-2000 | BLM calibration in S33.                          | Dooling Xiao       | Stored Beam & Injection |
| 2000-2300 | Study Xbpm noise at large gaps.                  | Decker             | Stored Beam & Injection |

|                  |  |               |                                    |
|------------------|--|---------------|------------------------------------|
| <b>2300-2400</b> | <b>Install new bpm offsets.</b>  | <b>Sajaev</b> | <b>Stored Beam &amp; Injection</b> |
|                  | <b>Wednesday, February 09, 2011</b>  |               |                                    |
| <b>0000-0100</b> | <b>Install new bpm offsets (continued).</b>                                    | <b>Sajaev</b> | <b>Stored Beam &amp; Injection</b> |
| <b>0100-0300</b> | <b>Minimize coupling.</b>  | <b>Sajaev</b> | <b>Stored Beam &amp; Injection</b> |
| <b>0300-0700</b> | <b>APS-U lattice and injection recovery after shutdown. P0 feedback setup.</b> | <b>Sajaev</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> |