

Machine Studies

Schedule for Run03-5, 2013

October 28th 0800 – October 30th 0800

| Time | Descriptions | Studiers | SR Status |
|-----------|---|----------------|-------------------------|
| | Monday, October 28, 2013 | | |
| 0800-0810 | Collect XBPM orbit data | OPS | Stored Beam & Injection |
| 0810-0930 | Gap Scans and update IDGapFF look-up tables | Schroeder/O PS | Stored Beam & Injection |
| 0930-1030 | Troubleshoot RTFB data collection IOC | Arnold | No Beam |
| 0930-1030 | Rewire temp. controller in rack 27-04 | Erwin | No Beam |
| 0930-1030 | Replace RTD in S3 | Diag | No Beam |
| 0930-1030 | Install amplifier software support at RF-1 | DiMonte | No Beam |
| 0930-1130 | PS script testing | Fors | No Beam |
| 0930-1130 | Troubleshoot S1-2 processed water pump trips. | MOM/FMS | No beam |
| 0930-1130 | RF gun characterization | Pasky | No Injection |
| 0930-1130 | Switch to PAR RF1 system #1 and test | Middendorf | No Injection |
| 0930-1230 | RF-3 cathode emission test | RF Group | No Beam |
| 1000-1030 | 3ID end to end test | Bombard | No Beam |
| 1000-1100 | Troubleshoot S27B:P0 | Erwin | Access Zone |

| | | | |
|----------------------------------|--|---------------------------|--|
| | | | D |
| 1000-1200 | Troubleshoot HET stop | Belcher | Access Booster |
| 1300-1400 | Test PAR beam after RF1 switch. | Yao | Limited Injection |
| 1400-1800 | Accumulation limit in reference lattice. | Emery Lindberg | Stored Beam & Injection |
| 1800-2200 | Set up hybrid lattice. | Sajaev | Stored Beam & Injection |
| 1800-1900 | Set up P0 feedback for hybrid operation. | Yao | Stored Beam & Injection |
| 1900-2100 | Injector training (15-23) (parallel to hybrid lattice setup). | Angel | Limited Injection |
| 2200-2400 | Orbit switch. | Xiao | Stored Beam & Injection |
| Tuesday, October 29, 2013 | | | |
| 0000-0200 | Orbit switch (continued). | Xiao | Stored Beam & Injection |
| 0200-0600 | Add X bump for SCU protection. | Xiao | Stored Beam & Injection |
| 0600-0900 | Measure P5 offsets. | OPS | Stored Beam & Injection |
| 0900-1000 | SR requalification. | LaBuda | Stored Beam & Injection |
| 1000-1200 | RF gun characterization (07-17) | Pasky | No Injection |

| | | | |
|------------------------------------|--|--------------------------|--|
| 1000-1200 | Check S4B:P1 with beam | Sereno/ Erwin | Stored beam |
| 1200-1400 | Install P5 offsets, adjust P3-P4 offsets | Sajaev | Stored Beam & Injection |
| 1400-1600 | Try full coupling operation | Sajaev | Stored Beam & Injection |
| 1600-1700 | SR requalification. | Fystro | Stored Beam & Injection |
| 1700-2000 | Test turn-by-turn based optics correction. | Wang | Stored Beam & Injection |
| 1700-1900 | Injector training (15-23) (parallel to turn-by-turn) studies. | Angel | Limited Injection |
| 2000-2400 | On-axis injection optimization | Emery Sun | Stored Beam & Injection |
| Wednesday, October 30, 2013 | | | |
| 0000-0600 | High-charge injector studies. | Yao | Stored Beam & Injection |
| 0700-0800 | Prepare for User beam | OPS | Stored Beam & Injection |