

Machine Studies

Schedule for Run01-7, 2008

March 10th 0800 – March 12th 0800

| Time | Descriptions | Studiers | SR Status |
|------------------------|--|-------------------------------------|------------------------------------|
| Monday, 3/10/08 | | | |
| 0800-0810 | Collect XBPM orbit data | OPS | Stored Beam & Injection |
| 0810-0900 | Gap Scans and update IDGapFF look-up tables | Schroeder | Stored Beam & Injection |
| 0900-1000 | Convertor swap retraining | Puttkammer/ Flood/Sereno | No beam |
| 0900-1100 | Add 4dB pad to pre-amp drive circuit for L1-L6 | Grelick | No injection |
| 0900-1000 | Reroute fibers for iocrampdas | Smith | Limited or no impact |
| 0900-1000 | RF waveguide switch | Horan | No Beam |
| 0900-1000 | Reboot IOCSRMON & IOCRFTEST1 | DiMonte | No Beam |
| 0900-1100 | SR PS ADC Calibration | Fors | No Beam |
| 0900-1300 | NRTL inspection of Booster Ramped correctors | Hillman | No Beam |
| 0900-1300 | NRTL inspection of Supplies | Deriy | No Beam |
| 0900-1300 | NRTL inspection in the Booster magnet interlock racks | Hillman | No Beam |
| 1100-1300 | Investigate PAR Harmonic reflected power trips | Grelick | Occasional Injection |
| 1200-1500 | Test new EPICS database for Cerenkov detectors (1st hour without beam) (Parasitic) | Xu, Yang, Lenkszus | No impact |
| 1300-1500 | Collect RTFB and DC Orbit data with 324 bunch | Sun | Occasional Injection |
| 1300-1500 | Test PAR current monitor with FPGA | Yao/Norum | Occasional Injection |
| 1500-1800 | Set-up hybrid | Sajaev/Emery | Stored beam & Injection |

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|---------------------------|--|---------------------------------|--|
| 1800-2200 | Orbit recovery – 324 bunch then hybrid | Decker/Sajaev/ Emery | Stored beam & injection |
| 2200-2400 | Set up SR injection with Booster 132nm lattice for operations | Emery/Sereno | Stored beam & injection |
| Tuesday, 3/11/08 | | | |
| 0000-0100 | Set up SR injection with Booster 132nm lattice for operations | Emery/Sereno | Stored beam & injection |
| 0100-0400 | Verify Hybrid Top-up with new booster lattice | Operations | Stored beam & injection |
| 0400-0700 | Test P0 feedback front-end 24 singlet | Yao | Stored beam |
| 0700-0800 | Test bunch cleaning application with top-up | Yao/ Shang | Stored beam & injection |
| 0800-1200 | PEM Testing | Decker/Shang | Stored beam & inj. |
| 1200-1600 | RF HOM investigation | Harkay/ Bromberek | Stored beam & injection |
| 1600-1900 | 1+3*7 lifetime/top-up | Harkay | Stored beam & Injection |
| 1900-2200 | Continue design quads | Sajaev | Stored beam & injection |
| 2200-2400 | Lower S1 sextupoles | Sajaev | Stored beam & Injection |
| Wednesday, 3/12/08 | | | |
| 0000-0100 | Lower S1 sextupoles | Sajaev | Stored beam & injection |
| 0100-0430 | CPU Corrections | Xiao/Emery | Stored beam |
| 0430-0630 | Loss monitor study | Dooling/Emery | Stored beam & injection |
| 0630-0800 | Prepare for User beam | OPS | Stored Beam & Injection |