

Machine Studies

Schedule for Run2-8,2003

July 14th, 0800 - July 16th, 0800

| Time | Descriptions | Studios | SRStatus |
|-------------------------|---|----------------|---------------------------|
| Monday, 07/14/03 | | | |
| 0800-0815 | Get reference orbit | Singh | Stored beam and injection |
| 0830-1030 | AA access to Booster for OSHA inspection | Chang | No beam |
| 0930-1130 | AA access to Zone-A for OSHA inspection | Chang | No beam |
| 1030-1130 | AA access to LEUTL for OSHA inspection | Chang | No beam |
| 0830-1030 | RTFB feedback software test | Lenkszus | No beam |
| 0830-1030 | Checking S38C3 cavity coupler body temp, control access to Zone-F if needed. | Nassiri | No beam |
| 0830-0930 | Zone A (sector 4) access to place dosimeters on top of the device. will need the ID gap open. | Petra | No beam |
| 0830-1000 | Test the Booster RF Power Monitor and reboot iocsrmon | DiMonte | No beam |
| 0830-0930 | Reset ion pump controller sector 23 section, reset ion pump controller sector 1 section 4 and replace ion pump controller sector 40 sections 1,2. | Gagliano | No beam |
| 0830-1030 | Access S23 (Zone C) to check vacuum | Gagliano | No beam |
| 0830-1230 | Reliability tests on all FEEPS/PSS for S8 thru 35 | Behrndt | No beam |
| 0830-1000 | Swap and test S32A:V3 CMPSI card | Pietryla | No beam |
| 0830-1030 | Check S13B:V3 noise problem | J. Wang | No beam |
| 0930-1030 | Software test | Shang Emery | No beam |

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|--------------------------|--|------------------------------|--|
| 1230-1430 | Direct injection into Booster | Sereno Emery | Stored beam and injection |
| 1430-1800 | RTFB stability with matrix errors | Emery | Stored beam and injection |
| 1600-1800 | Test 1GHz ADC with bunch current signal | Lenkszus | Stored beam and injection |
| 1800-2400 | X-ray bpm feedforward implementation (I) | Decker | Stored beam and injection |
| 1800-2400 | Commission horizontal injection control-law in booster. | Sereno | Stored beam and injection |
| Tuesday, 07/15/03 | | | |
| 0000-0600 | Single bunch instability study | CX Wang | Stored beam and injection |
| 0600-1000 | User beam orbit recovery | Singh | Stored beam and injection |
| 0800-0900 | Access linac/PAR to verify LTP documentation | Grabinski S. Berg | No beam |
| 1000-1200 | Shielding verification for 16BM (10mA and 30 mA) | Mohan | Stored beam and injection |
| 1200-1300 | Verify ioc reboot procedure | Flood | Stored beam and injection |
| 1300-1800 | Long straight section lattice study | Sajaev | Stored beam and injection |

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|----------------------------|---|-----------------------|----------------------------------|
| 1800-2400 | X-ray bpm feedforward implementation (II) | Decker | Stored beam and injection |
| Wednesday, 07/16/03 | | | |
| 0000-0700 | Beam profile measurement | Chae Yang | Stored beam and injection |
| 0700-0800 | Ready for 1x22 fill pattern, low emittance, and top-up | OPS Sajaev | Stored beam and injection |