



D0 Status Report

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FNAL

All Experimenters' Meeting

12 November 2007



Data Taking

| | Delivered Lum (pb^{-1}) | Recorded Lum (pb^{-1}) | Efficiency (%) | Comment |
|----------|---------------------------------------|--------------------------------------|-------------------|--|
| 05 Nov | 0.00 | 0.00 | | Access |
| 06 Nov | 0.00 | 0.00 | | Access |
| 07 Nov | 0.00 | 0.00 | | Access |
| 08 Nov | 0.00 | 0.00 | | |
| 09 Nov | 0.00 | 0.00 | | Access |
| 10 Nov | 0.09 | 0.06 | 62 | Startup, separator spark, and short store. |
| 11 Nov | 1.52 | 1.38 | 91 | Moved D0 Beam spot. |
| 5-11 Nov | 1.6 | 1.4 | 89 | |



Accesses

- 5 November, 1.5 Hours, Requested
 - Replaced forward muon power supply and recovered some CAL channels.
- 6-7 November, 8 Hours/day, Opportunistic
 - SMT Sequencer studies
 - L1Muon blower replacement
 - Track Trigger DFES board upgrade
 - Also minor work on L1Muon, Fiber Tracker AFE, Muon PDT, CAL
- 9 November, 1 Hour, Opportunistic
 - Replace L1Muon blower mount and recovered some CAL channels
- 9 November, 1 Hour, Opportunistic?
 - SMT Sequencer firmware test



Other

- Beam spot move
 - After Saturday's store, we saw that the beam spot was > 400 microns off of our desired position.
 - Sunday the Tev group made an adjustment which brought us to within 40 microns and also brought our slopes to almost zero.
- Beam Loss
 - For the past two stores the beam loss during the squeeze has been minimal for D0.
- D0 has been taking physics quality data and looks forward to improving luminosity.