



# D0 Status Report

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All Experimenters' Meeting  
4 June 2007



# Daily Summary



Delivered Recorded Efficiency Comment  
Lum (pb<sup>-1</sup>) Lum (pb<sup>-1</sup>) (%)

|            |      |      |    |   |
|------------|------|------|----|---|
| 21 May     | 4.17 | 3.44 | 83 | Forward muon pixel supply (1 hr down)<br>Delayed start of store due to losses |
| 22 May     | 5.15 | 4.21 | 82 | PDTs problem (95 min)<br>DAQ pilot error (20 min)                             |
| 23 May     | 5.46 | 4.78 | 88 | L2 problem at start of store 5456 (45 min)                                    |
| 24 May     | 7.87 | 7.33 | 93 |   |
| 25 May     | 3.86 | 3.53 | 92 | STT readout crate (30 min)  |
| 26 May     | 3.04 | 2.89 | 95 |   |
| 27 May     | 1.49 | 1.21 | 81 | L2 Global problems  |
| May 21– 27 | 31.0 | 27.4 | 88 |   |



# Daily Summary Cont...



|  | Delivered<br>Lum (pb <sup>-1</sup> ) | Recorded<br>Lum (pb <sup>-1</sup> ) | Efficiency<br>(%) | Comment |
|--|--------------------------------------|-------------------------------------|-------------------|---------|
|--|--------------------------------------|-------------------------------------|-------------------|---------|

|        |      |      |    |   |
|--------|------|------|----|---|
| 28 May | 5.33 | 4.92 | 92 |   |
| 29 May | 4.88 | 4.35 | 89 | L1 Muon (1 hr downtime)   |
| 30 May | 5.42 | 4.56 | 84 | Problems with SMT high voltage  |
| 31 May | 5.69 | 5.06 | 89 | 2 Muon PDTs (75 min)  |
| 01 Jun | 7.58 | 6.73 | 89 | SMT readout crate problem (50 min)                                    |
| 02 Jun | 7.16 | 6.30 | 88 | Calorimeter ADC power supply (50 min)<br>Muon MDT power supply (1 hr) |
| 03 Jun | 7.40 | 6.73 | 91 | Level 2 (30 min)  |

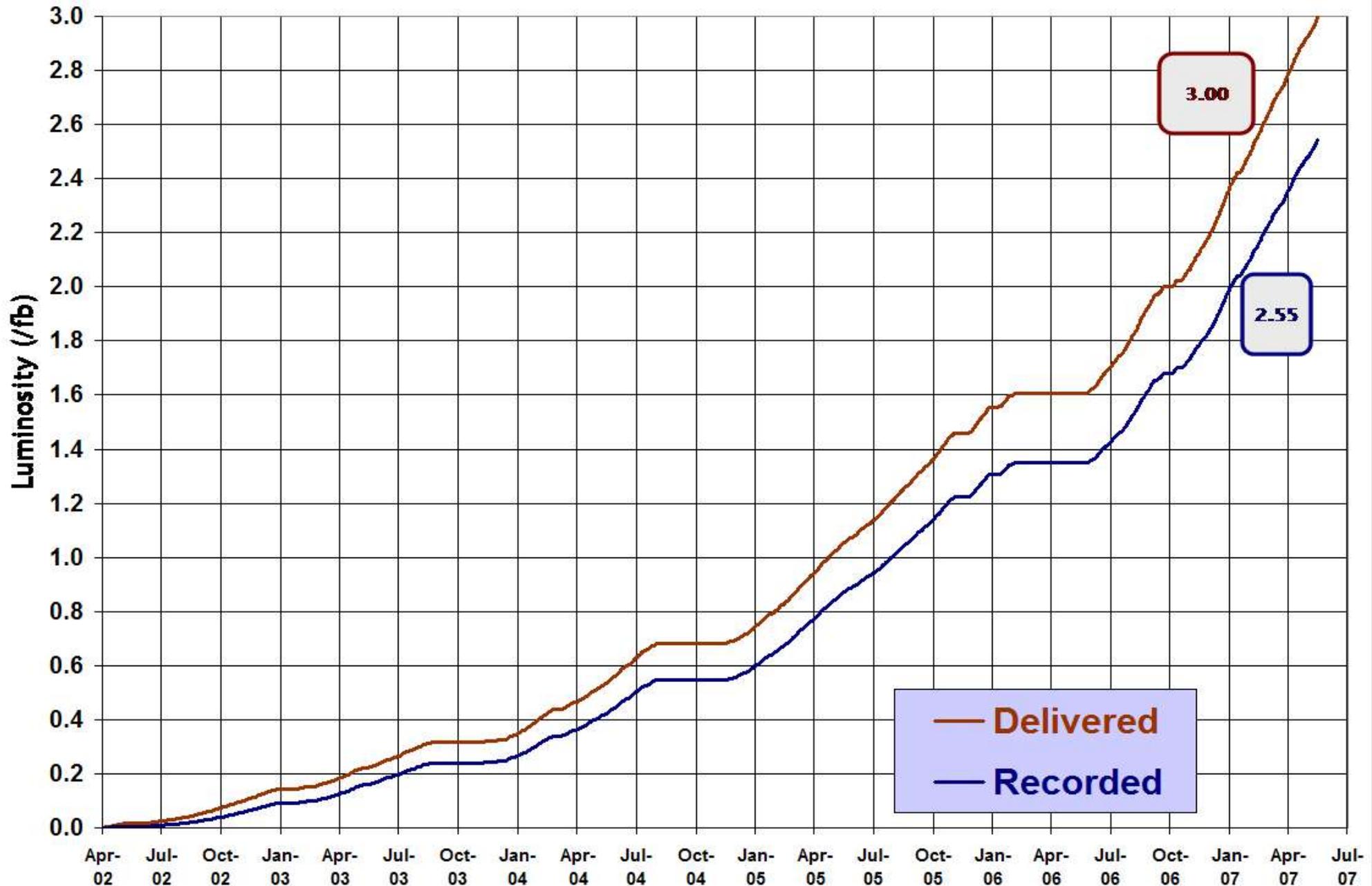
|                    |      |      |    |  |
|--------------------|------|------|----|--|
| May 28 –<br>June 3 | 43.5 | 38.6 | 89 | June 1 <sup>st</sup> we merged our CFT and SMT shifters into a single track shifter. Now 4 shifters in control room. |
|--------------------|------|------|----|--|

|     |     |     |    |
|-----|-----|-----|----|
| May | 132 | 118 | 89 |
|-----|-----|-----|----|



# Run II Integrated Luminosity

19 April 2002 - 3 June 2007



4 June 2007

AEM

Norm Buchanan



# Daily Data Taking Efficiency

19 April 2002 - 3 June 2007

