



D0 Status Report

Bill Lee

FNAL

All Experimenters' Meeting

18 June 2007



Data Taking

Day	Delivered Lum (pb^{-1})	Recorded Lum (pb^{-1})	Efficiency (%)	Comment
11 Jun	4.15	3.80	92	Access to replace a board in the Central Track Trigger and repair a muon PDT
12 Jun	6.17	5.66	92	30 min down for a muon PDT HV problem
13 Jun	3.71	3.21	87	30 min down for Silicon/Online disk problem. Access to investigate PDT HV trip and found a water leak in our Toroid
14 Jun	5.70	5.30	93	Access to dry out PDT service cards
15 Jun	3.21	2.86	89	20 min down for Silicon readout issue and muon HV trip
16 Jun	5.08	4.53	89	Access to replace an AFE board
17 Jun	4.22	3.89	92	45 min downtime for an online node crash
11-17 Jun	32.2	29.3	91	



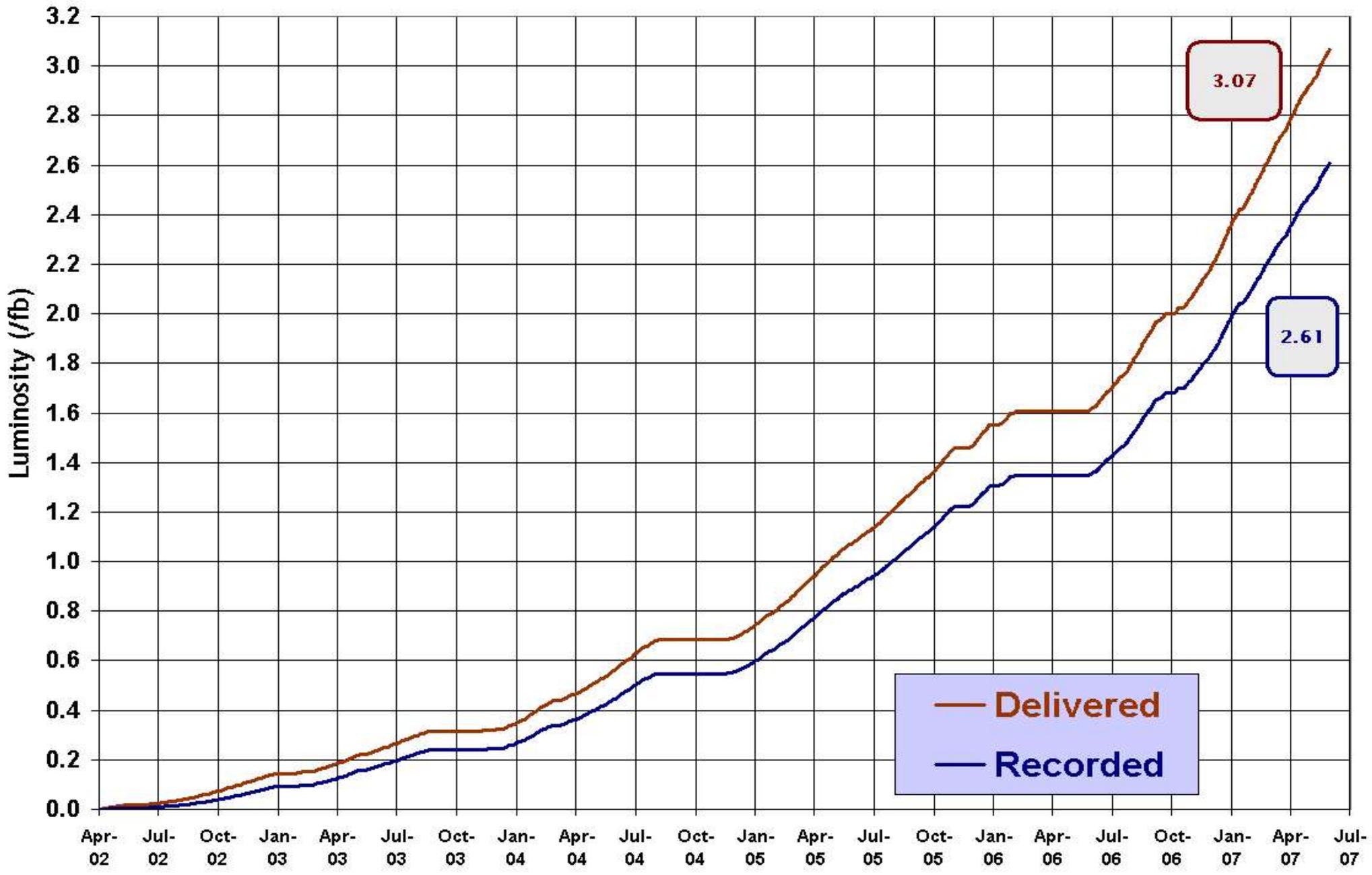
Toroid Water Leak

- On Wednesday, we found a water leak in our toroid magnet.
 - The leak is in a brazed joint.
 - We are currently leaking 2.5 gallons per day.
 - Unless this gets worse, we don't currently anticipate repairing the leak until the shutdown.
 - If we do have to repair the leak, we would need at least an eight hour access.
 - The leaking water has been diverted to avoid active detector elements.



Run II Integrated Luminosity

19 April 2002 - 17 June 2007



18 June 2007

AEM

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Daily Data Taking Efficiency

19 April 2002 - 17 June 2007

