



D0 Status Report

6/27/2005

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Data Taking for 6/20 – 6/26

Day	Delivered	Recorded	Eff.	Comments
6/20 (Mon)	1.54 pb ⁻¹	1.34 pb ⁻¹	87 %	
6/21 (Tue)	2.52 pb ⁻¹	2.33 pb ⁻¹	93 %	
6/22 (Wed)	0.52 pb ⁻¹	0.46 pb ⁻¹	89 %	
6/23 (Thu)	1.74 pb ⁻¹	1.38 pb ⁻¹	80 %	1 hour downtime due to CTT x13.
6/24 (Fri)	2.19 pb ⁻¹	1.50 pb ⁻¹	68 %	Trigger v14 put online for store 4233.
6/25 (Sat)	2.66 pb ⁻¹	2.14 pb ⁻¹	81 %	50 min downtime due to CTT x13.
6/26 (Sun)	2.39 pb ⁻¹	2.34 pb ⁻¹	94 %	

6/20 – 6/26	13.56 pb ⁻¹	11.49 pb ⁻¹	85 %	
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Store Statistics

Store	Init Lum	Duration	Delivered	Recorded	Eff.	Comments
4219	50E30	15 hours	1.58 pb ⁻¹	1.34 pb ⁻¹	85 %	
4221	84E30	26 hours	3.06 pb ⁻¹	2.79 pb ⁻¹	91 %	
4228	80E30	10 hours	1.73 pb ⁻¹	1.38 pb ⁻¹	80 %	1 hour downtime due to CTT x13.
4233	95E30	28 hours	3.49 pb ⁻¹	2.69 pb ⁻¹	77 %	Trigger V14 put online.
4234	108E30	28 hours	3.75 pb ⁻¹	3.18 pb ⁻¹	85 %	50 min downtime due to CTT x13.
4235	93E30					On going.

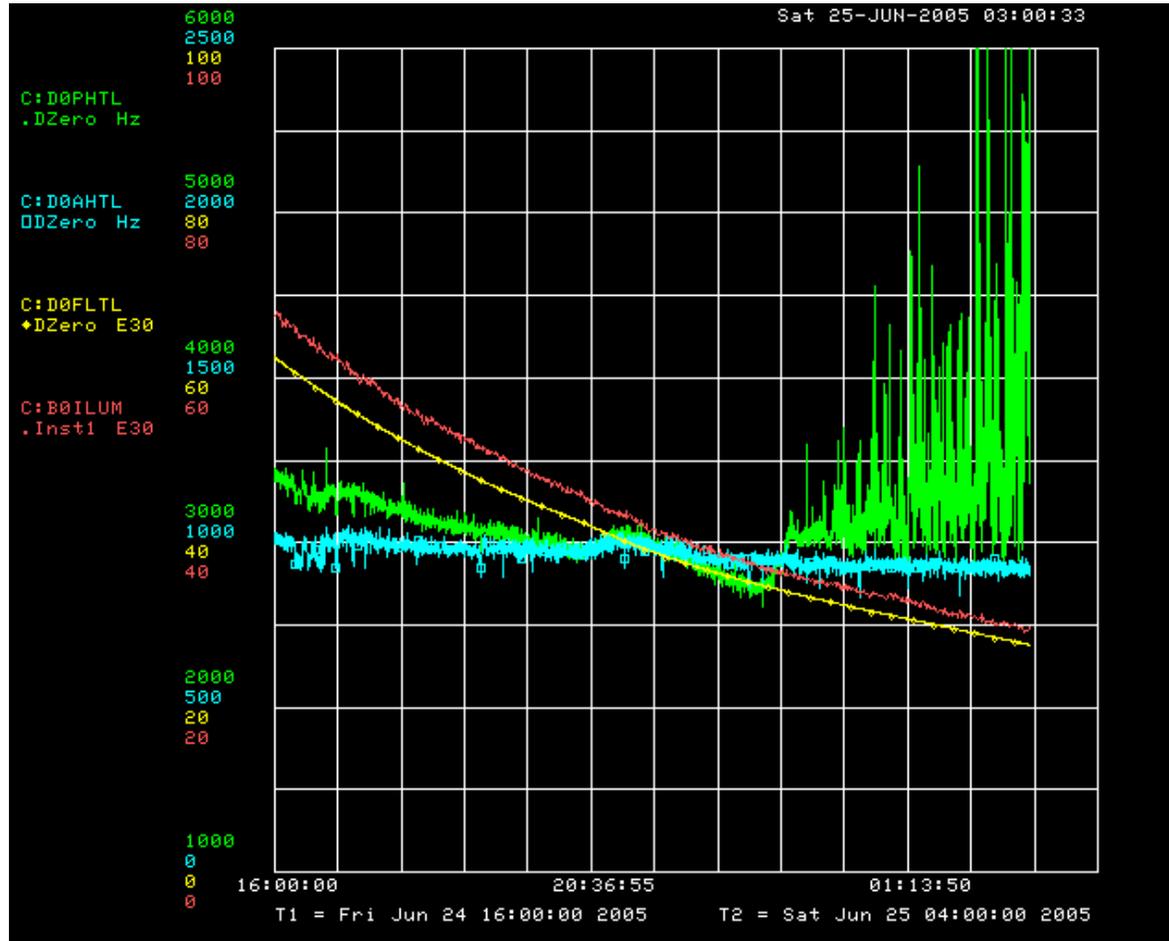


Notable events of the week

- Proton halo increase during store 4233 tripped MDT and PDT HV.
 - Downtime of 15 min.
 - More importantly, this will affect the life time of the chambers.
- Trigger v14 put online for store 4233.
 - The trigger is intended for high luminosity running.
 - Experts need to certify this trigger, by looking at the data we took, before switching to this version permanently.
- Central Track Trigger continues to be the source of downtime.
 - A new set of diagnostic tools developed. This should help tracking down the sources of problems.



Proton halo increase



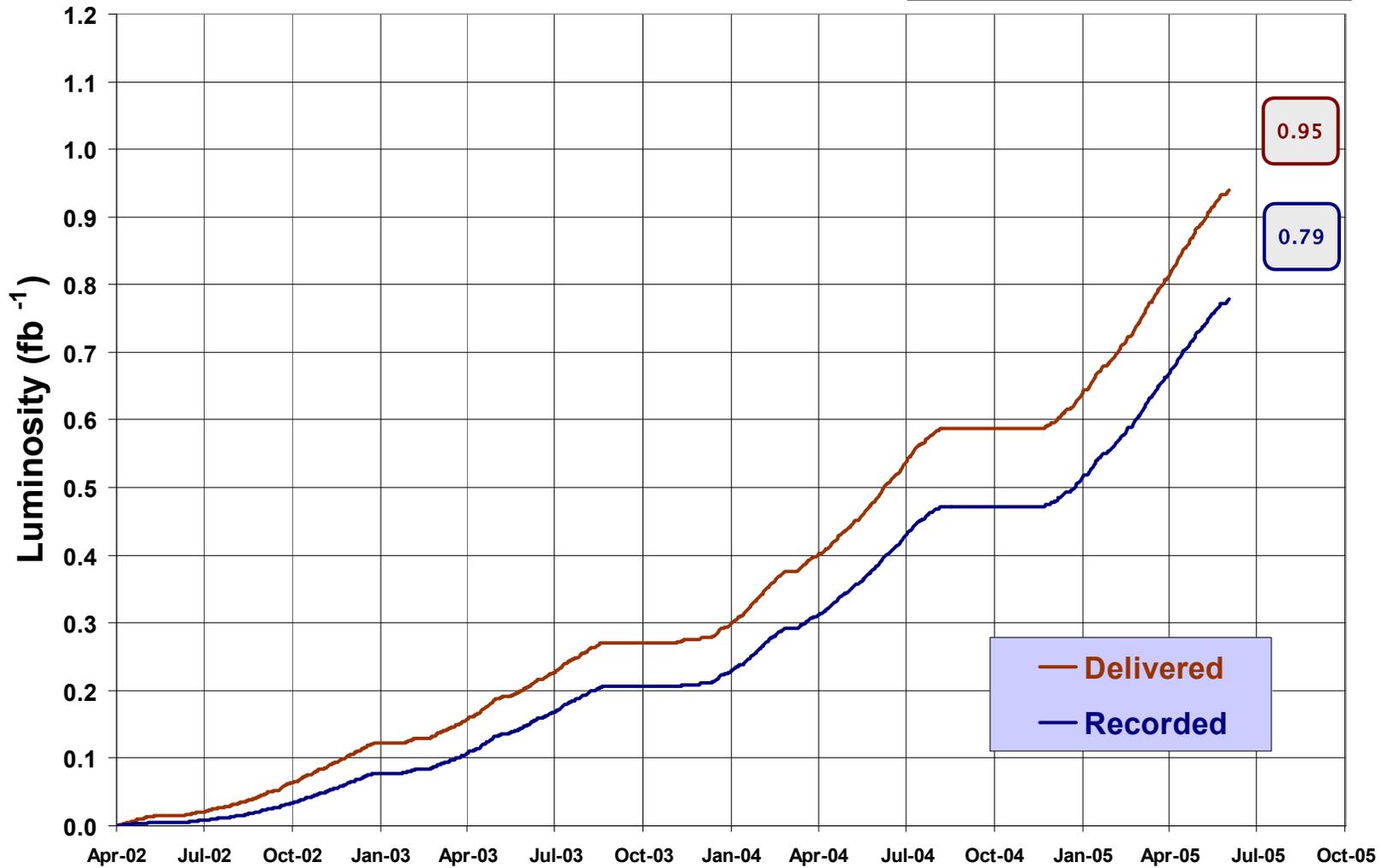
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Run II Integrated Luminosity

19 April 2002 - 26 June 2005



27 June 2005

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