



D0 Status Report

8/22/2005

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Data Taking for 8/15 – 8/21

Day	Delivered	Recorded	Eff.	Comments
8/15 (Mon)	2.31 pb ⁻¹	2.02 pb ⁻¹	87 %	Comics download failure for PDT207 and misdiagnosis cost 1 hour downtime
8/16 (Tue)	0.20 pb ⁻¹	0.16 pb ⁻¹	79 %	
8/17 (Wed)	2.42 pb ⁻¹	2.21 pb ⁻¹	91 %	
8/18 (Thu)	2.67 pb ⁻¹	2.26 pb ⁻¹	85 %	40 min downtime due to Cal crate x42 at the beginning of store 4341
8/19 (Fri)	2.20 pb ⁻¹	2.03 pb ⁻¹	93 %	
8/20 (Sat)	0.68 pb ⁻¹	0.61 pb ⁻¹	90 %	
8/21 (Sun)	1.76 pb ⁻¹	1.61 pb ⁻¹	91 %	30 min downtime due to L3 problems

8/15 – 8/21	12.24 pb ⁻¹	10.9 pb ⁻¹	89 %	
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Notable events

- 8/15 (Mon)
 - PDT 207 had readout problems and was disabled. But it was not disabled in the download procedure, causing Start Run to fail.
 - It was misdiagnosed and thought to be L3 supervisor problem, costing 1 hour downtime.
 - Had an access to work on PDT 207. It turned out that just a power cycle was needed.
- 8/16 (Tue)
 - Had an access to work on FPD DFE.
- 8/17 (Wed)
 - Smooth running.



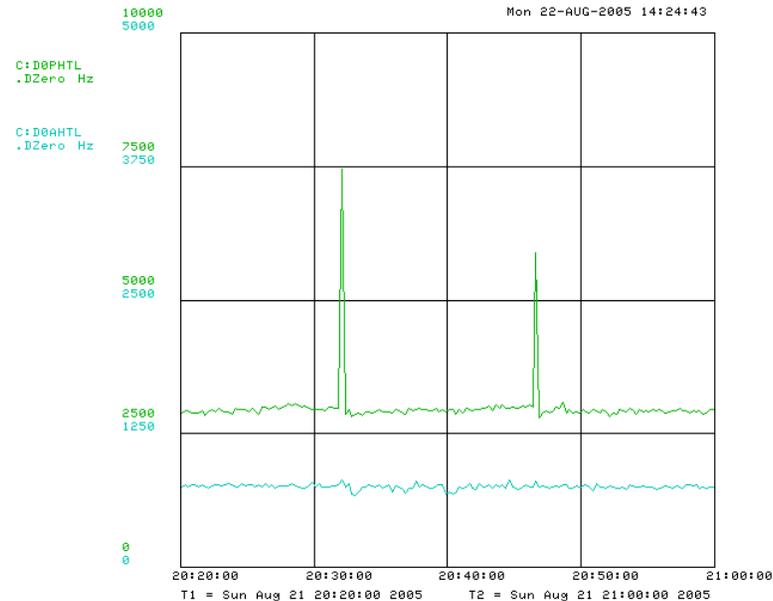
Notable events

- 8/18 (Thu)
 - Muon HV ramped to 100% during scraping.
 - Found to be a feature in the new download program and a fix is being worked out.
 - 40 min downtime due to Cal crate x42 problem.
- 8/19 (Fri)
 - Smooth running.
- 8/20 (Sat)
 - Smooth running until store 4342 lost due to a lightning strike.



Notable Events

- 8/21 (Sun)
 - 30 min downtime due to L3 Routing Master problem.
 - Halo spikes while the abort gap adjustments were made.
 - Tripped FPD HV.
 - PDT 010 died around this time.



- Successful demonstration of a dummy layer 0 installation.



Layer 0 Installation test

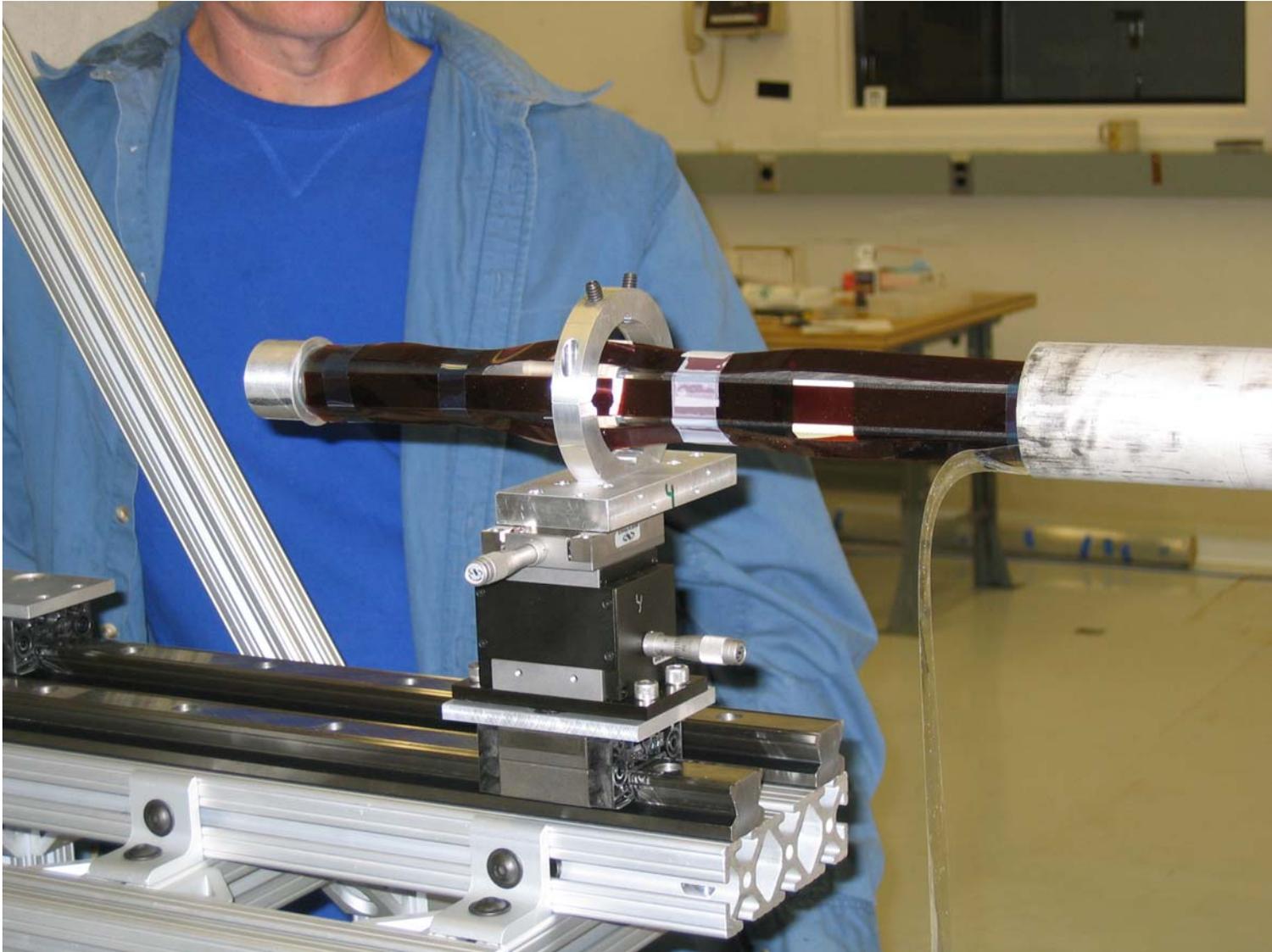


22 August 2005

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Layer 0 Installation Test

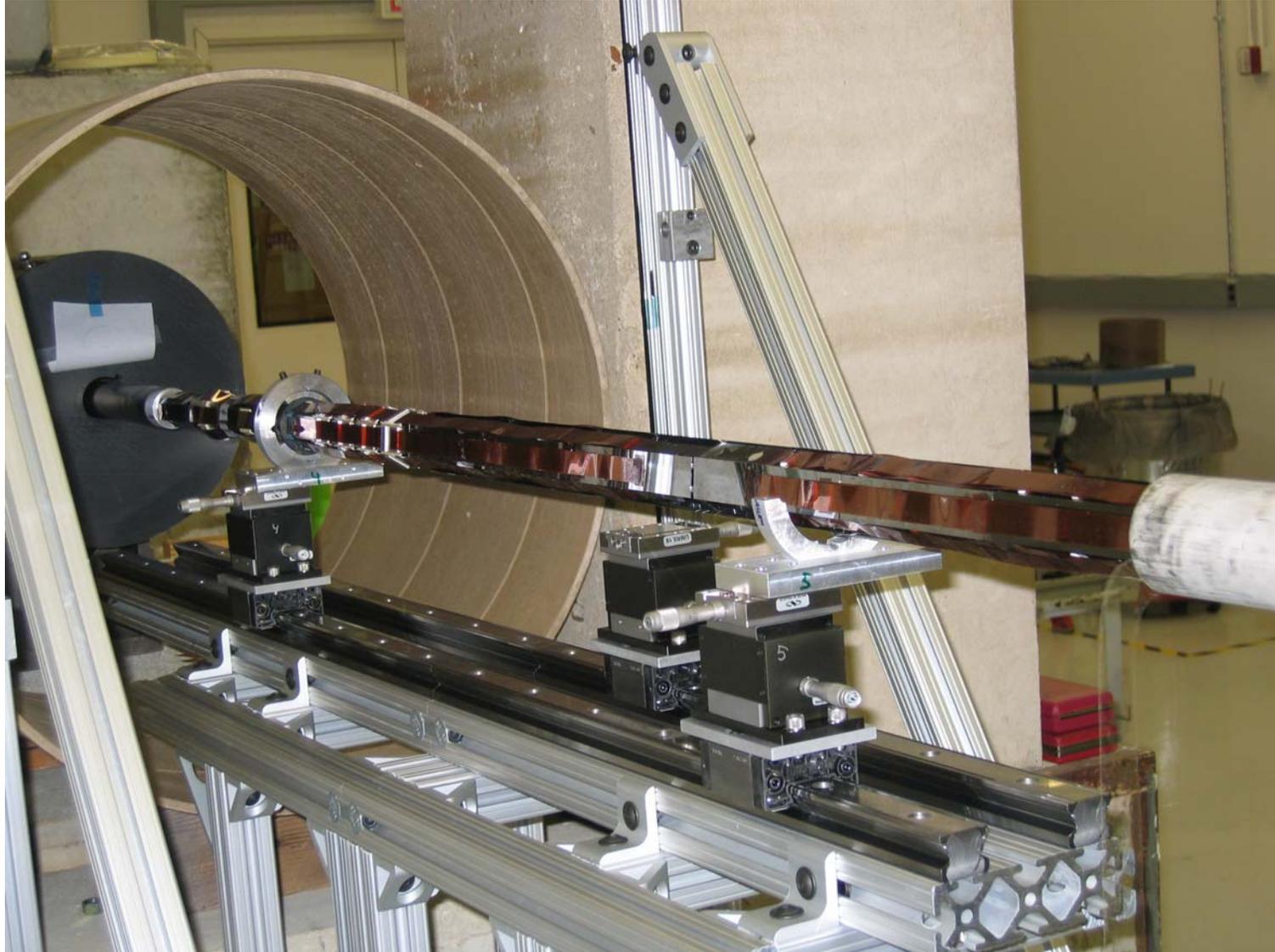


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