
CDF Operations Report

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Fermilab

All Experimenters Meeting
June 25, 2007



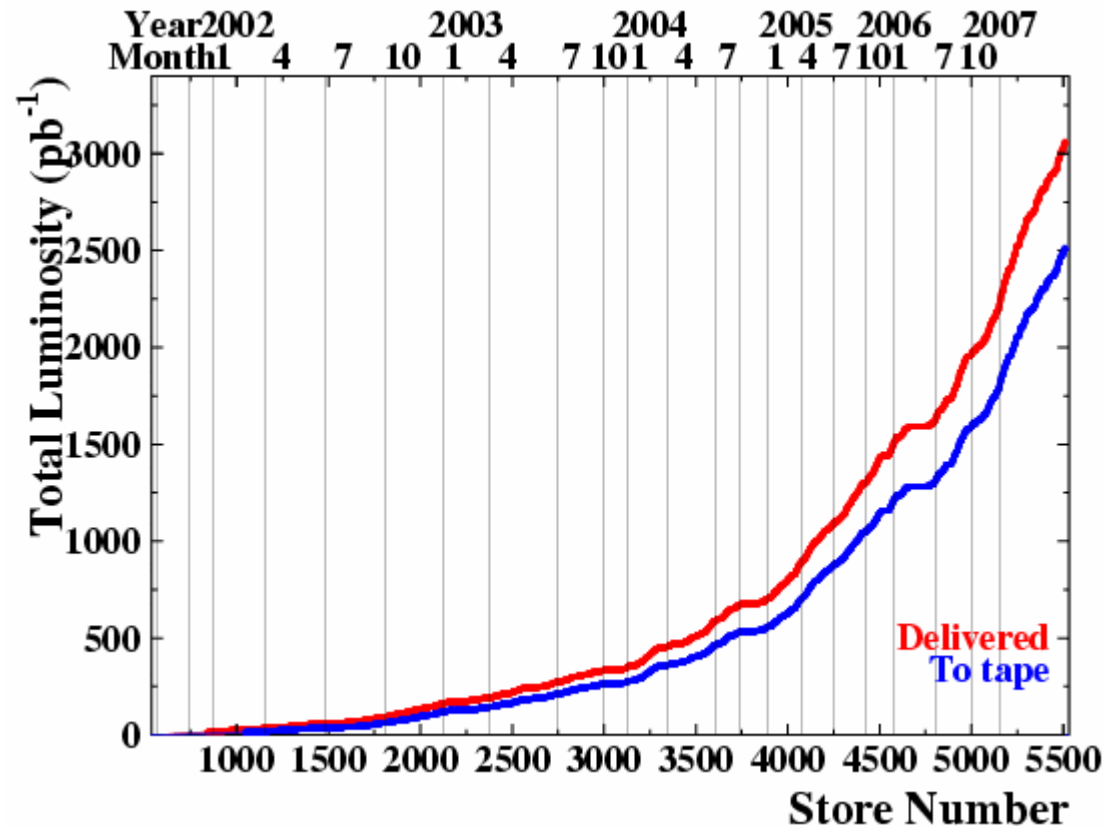
Store Summary (June 18-25)

Store	Start date	Durat ion	Init. Lum	Deliv. Lum	Live Lum	Good w/SVX	Comments
5500	6/18 Mon	11.8	83.0	2.06	1.85 90.0%	1.85 89.9%	XFT test
5501	6/18 Mon	0.5	163.8	0.29	0.24 82.9%	0.24 82.9%	Quench
5503	6/19 Tue	8.3	106.4	1.85	1.58 85.5%	1.58 85.5%	Separator spark, SVT work
5504	6/19 Tue	18.0	136.3	3.93	3.59 91.2%	3.59 91.2%	
5505	6/20 Wed	22.3	197.6	6.32	4.17 66.1%	4.02 63.7%	L1/L2 problems, COT PC, Si & PCAL crates, COT fan died
5506	06/21 Thu	24.7	217.7	7.82	6.87 87.8%	6.71 85.8%	ShowerMax crate at startup, SVT test, Si calib
5510	06/23 Sat	17.9	137.6	4.02	3.39 84.3%	3.39 84.3%	L2 crate unresponsive at startup
5511	06/24 Sun	27.3	189.5	6.63	5.15 77.7%	4.30 64.8%	DAQ at startup, CCAL crate, Silicon calibration (~2.5h)
Total		130.8		32.92	26.84 81.6%	25.68 78.0%	

CDF Operations

- **Controlled access, Thu 21**
 - Re-seat COT TDC's
 - Replace fan for Shower Max crate
 - Silicon PS swap
- **Controlled access today (to be reported next week)**
 - Replace COT fans
 - Silicon PS swap
 - Plug Calorimeter calibration
- **Issues this week**
 - **Store 5505 — really bad luck**
 - L1/L2 problem → no SVT for ~6h
→ Revisit policy for tests
 - COT PC crashed
 - Silicon & PCAL crates stuck
 - COT dual fan failure
 - **some problems took longer than normal to fix**
 - First week with new ACE's and Scico's on their own
- **Work this week**
 - Silicon calibrations (done every 200 pb⁻¹)
- **Other**
 - L2 upgrade review on Tuesday
 - **Review of Diamond Abort System tomorrow**

Store summary...



- **~2,513 pb^{-1} on tape**
- **Added ~25.7 pb^{-1} this week**
- **Data taking efficiency for the week is 81.6% (ave 81.8%)**
- **Data for Summer Conferences**
 - **Finished processing data up to March 31**
 - **Good data: ~2 fb^{-1}**
 - **Most tight requirements: ~1.76 fb^{-1}**