

DAQ/Trigger
Milestone Gantt
for July 2004 Change Request

19 July 2004

ID	% Compl	Name	Finish	2004				2005				2006		
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	
1	100%	Start of Run 2b DAQ and Trigger Project	3/4/02											
2	58%	Run 2b DAQ and Trigger Project	1/17/06											
3	63%	Run 2b TDC Project	9/30/05											
4	100%	Start Run 2b TDC Subproject	6/4/02											
60	100%	TDC Design Review	5/21/04			◆								
61	62%	Prototype - V1.0 (FNAL)	1/6/05											
67	100%	First Prototype TDC available for testing	2/16/04		◆									
81	0%	Design Review Milestone	7/12/04				◆							
102	0%	Beginning of TDC Production	1/25/05										◆	
103	0%	Production	9/30/05											◆
124	0%	TDC Production Board testing complete	9/30/05											◆
125	49%	Data Concentrator	9/7/05											
143	0%	TDC Data Concentrator Production complete	9/7/05											◆
144	0%	Run 2b TDC Ready for Installation	9/30/05											◆
145	92%	Run 2b Level 2 Project	9/16/04											
177	100%	Run 2b XFTII Project	5/28/04											
387	1%	Revised XFTII Project	8/9/05											◆
388	0%	Start of Revised XFTII Project	6/1/04			◆								
389	0%	Finder Boards	7/20/05											◆
393	0%	Preproduction Finder boards (FNAL)	3/21/05											◆
396	0%	Fabrication of Preproduction XFT Finder board	10/6/04				◆							
403	0%	Preproduction Finder Testing Begins	12/3/04					◆						
408	0%	Production Finder Boards	7/20/05											◆
409	0%	Begin Production XFT Finder Boards	3/21/05											◆
414	0%	Production Finder Checkout Begins	5/31/05											◆
416	0%	Finder Board Checkout Complete	7/20/05											◆
418	0%	TDC Transition Module	6/14/05											◆
421	0%	Preproduction TDC Fiber Transition Boards	2/14/05											◆
424	0%	Begin Fiber Transition Board Fabrication	9/8/04				◆							
429	0%	Begin Preproduction FTB Testing	11/11/04					◆						
435	0%	Production TDC Fiber Transition Boards	6/14/05											◆
436	0%	Begin Production TDC Fiber Transition Boards	2/14/05											◆
440	0%	Begin Production TDC Transition Board Checkout	4/5/05											◆
442	0%	Checkout of TDC Transition Boards Complete	6/14/05											◆
443	6%	TDC Mezzanine Card	3/1/05											◆
450	0%	Production TDC Mezzanine Card	3/1/05											◆

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451	0%	Begin Production TDC Mezzanine Card	9/9/04				◆						
455	0%	Begin Checkout of TDC Mezzanine Card	12/15/04						◆				
457	0%	Checkout of TDC Mezzanine Cards Complete	3/1/05							◆			
458	0%	Cables	11/24/04			▶	▶	▶	▶				
461	0%	TDC to Finder	11/24/04			▶	▶	▶	▶				
463	0%	Specification of TDC to Finder cables Complete	8/17/04				◆						
466	0%	Installation of TDC to Finder cables Complete	11/24/04						◆				
467	0%	Stereo Linker Association Module (SLAM)	8/9/05			▶	▶	▶	▶	▶	▶		
471	0%	Preproduction SLAM Boards	2/14/05					▶	▶				
476	0%	Begin Fabrication of Preprod SLAM Board	10/7/04						◆				
480	0%	Begin Preprod SLAM Board Testing	11/29/04							◆			
485	0%	Production SLAM Boards	7/27/05							▶	▶	▶	▶
486	0%	Begin Production of SLAM Boards	2/14/05							◆			
490	0%	Begin Production SLAM Board Checkout	5/17/05								◆		
492	0%	Checkout of SLAM Boards Complete	7/27/05									◆	
493	0%	Level 2 Stereo Interface	7/27/05			▶	▶	▶	▶	▶	▶		
498	0%	Pulsar & Mezzanine boards	1/14/05					▶	▶				
499	0%	Begin Purchase of Pulsar Board components	10/1/04						◆				
504	0%	Begin Joint Testing with Finder Board	2/22/05							◆			
505	0%	XFT Complete	7/27/05									◆	
506	0%	XFT Ready for Installation at CDF	7/27/05									◆	
507	47%	Event-Builder Upgrade	4/20/05	▶	▶	▶	▶	▶	▶	▶	▶		
508	100%	Start Event-Builder Upgrade	3/4/02	▶	▶	▶	▶	▶	▶	▶	▶		
511	31%	upgrade software	4/20/05	▶	▶	▶	▶	▶	▶	▶	▶		
516	0%	MS: establish general functionality of software	4/4/05								◆		
517	61%	construct prototype	7/20/04	▶	▶	▶	▶	▶	▶				
518	100%	purchase prototype system (1/4)	3/31/04	▶	▶	▶	▶	▶	▶				
519	100%	submit PO and implementation plan	10/1/03	▶	▶	▶	▶	▶	▶				
524	100%	Arrival of the prototype Event Builder hardware	3/31/04							◆			
530	0%	MS: establish functionality of hardware	6/21/04							◆			
531	5%	construct full size system	1/18/05					▶	▶				
533	100%	Event Builder Production Readiness Review	6/2/04							◆			
534	9%	purchase remaining hardware	10/15/04							▶	▶		
535	100%	submit PO and implementation plan	6/2/04							◆			
538	0%	Arrival of the Event Builder hardware	10/15/04							◆			
542	0%	MS: establish functionality of hardware	1/18/05									◆	

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544	0%	L3 MS: Finish Event Builder Upgrade	4/4/05												
545	0%	Contingency on completion of Event-Builder Upgrade	4/4/05												
546	0%	Finish Event-Builder Upgrade	4/4/05												
547	4%	Computer for Level3 PC Farm / DAQ	4/14/05												
548	100%	Start Computers for Level3 PC Farm/DAQ	5/2/03												
549	19%	replace 10 DAQ PCs (2003)	10/8/04												
550	0%	submit PO and implementation plan	6/3/04												
554	0%	Arrival of 0/10 PCs from the vendor	9/10/04												
557	0%	replace 15 DAQ PCs (2004)	3/16/05												
558	0%	submit PO and implementation plan	11/2/04												
562	0%	arrival of 15 DAQ PCs from the vendor	2/23/05												
565	0%	replace 20 DAQ PCs (2005)	4/14/05												
566	0%	submit PO and implementation plan	12/10/04												
570	0%	arrival of 20 DAQ PCs from the vendor	3/24/05												
573	0%	replace 70 Level 3 PCs (2004)	3/24/05												
574	0%	submit PO and implementation plan	11/2/04												
577	0%	Arrival of 70 Level3 and 15 DAQ PCs from the vendor	3/24/05												
580	0%	replace 140 Level 3 PCs (2005)	4/14/05												
581	0%	submit PO and implementation plan	12/10/04												
584	0%	Arrival of 140/20 PCs from the vendor	3/24/05												
587	0%	Finish Purchase of Computers for Level3/DAQ system	4/14/05												
588	0%	SVT upgrade	6/3/05												
589	0%	Design and Simulation	4/22/05												
590	0%	AMS and Road Warrior	4/22/05												
594	0%	AMS Firmware Complete	4/22/05												
595	0%	Hit Buffer	3/29/05												
599	0%	Hit Buffer Firmware Complete	3/29/05												
600	0%	Track Fitter	3/29/05												
604	0%	Track Fitter Firmware Complete	3/29/05												
609	0%	Hardware Construction	6/3/05												
610	0%	AMS and Road Warrior	3/1/05												
611	0%	Mezzanine Cards	3/1/05												
614	0%	Begin AMS Mezzanine Card Production	11/1/04												
635	0%	Associative Memory ++	6/3/05												
637	0%	Begin Ampchip Production	10/12/04												
639	0%	SVT ready for installation	6/3/05												

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640	0%	Finish Run 2b Trigger DAQ project	9/30/05										
641	0%	Data Acquisition and Trigger Upgrades Ready for Installation	1/17/06										
642	0%	Accelerator "Summer" Shutdown planning tasks	10/10/05										
644	0%	2004 Shutdown Complete	12/6/04										

