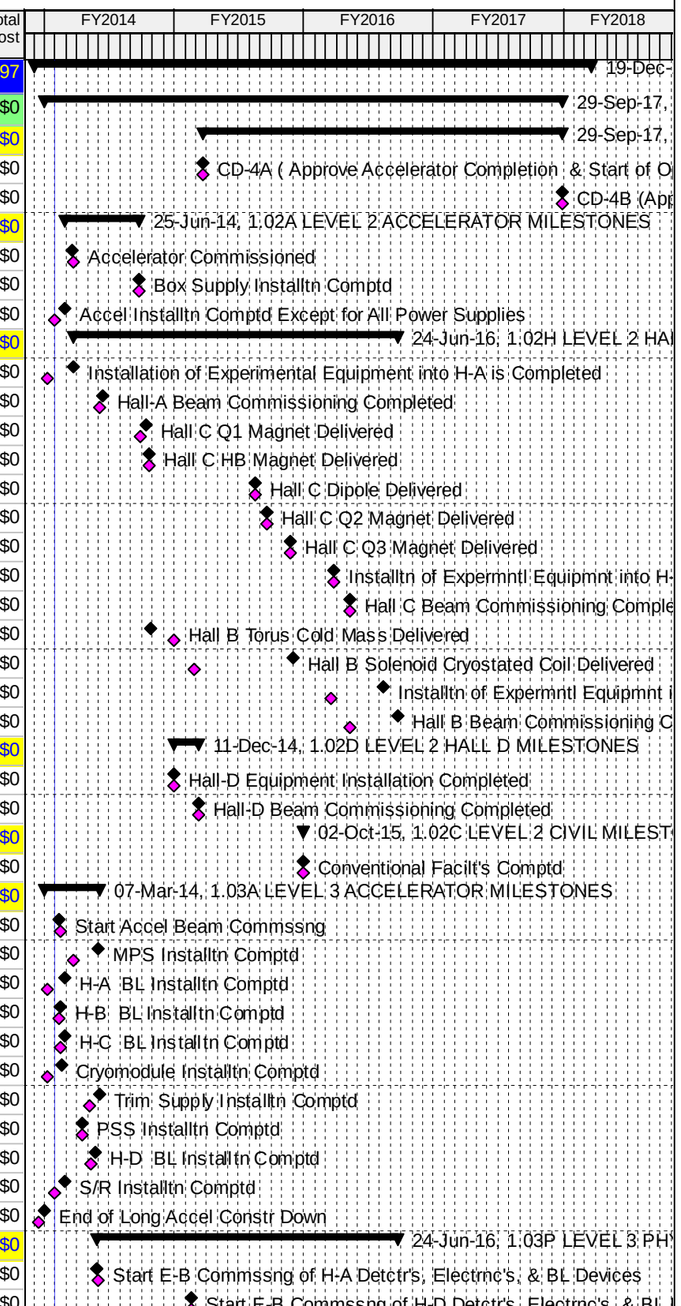
Activity ID	Actv with Step	EV Rep Co	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
October 13 Progress 12 GeV CR13-015,14-001				03-Sep-13 A	19-Dec-17	29-Sep-17	-11.0w		$7,172,308	$58,290,897
1.M MILESTONES				01-Oct-13 A	29-Sep-17	29-Sep-17	0.0w		$0	$0
1.01 LEVEL 1 MILESTONES				23-Dec-14	29-Sep-17	29-Sep-17	0.0w		$0	$0
1-7M		M	CD-4A (Approve Accelerator Completion & Start of Operations)		23-Dec-14*	23-Dec-14	0.0w	0%	$0	$0
1-8M		M	CD-4B (Approve Proj Compltn & Start of Operations)		29-Sep-17*	29-Sep-17	0.0w	0%	$0	$0
1.02A LEVEL 2 ACCELERATOR MILESTONES				27-Nov-13	25-Jun-14	25-Jun-14	0.0w		$0	$0
2-03M		M	Accelerator Commissioned		19-Dec-13*	20-Dec-13	4.2w	0%	$0	$0
2-25M		M	Box Supply Installtn Comptd		25-Jun-14	25-Jun-14	0.0w	0%	$0	$0
2-26M		M	Accel Installtn Comptd Except for All Power Supplies		27-Nov-13	29-Oct-13	3.8w	0%	$0	$0
1.02H LEVEL 2 HALLS A, B & C MILESTONES				20-Dec-13	24-Jun-16	10-Feb-16	-12.0w		$0	$0
2-08M		M	Installation of Experimental Equipment into H-A is Completed		20-Dec-13	11-Oct-13	7.8w	0%	$0	$0
2-09M		M	Hall-A Beam Commissioning Completed		12-Mar-14*	05-Mar-14	2.6w	0%	$0	$0
2-27M		M	Hall C Q1 Magnet Delivered		15-Jul-14*	30-Jun-14	15.4w	0%	$0	$0
2-28M		M	Hall C HB Magnet Delivered		23-Jul-14*	23-Jul-14	9.8w	0%	$0	$0
2-29M		M	Hall C Dipole Delivered		18-May-15*	18-May-15	0.0w	0%	$0	$0
2-30M		M	Hall C Q2 Magnet Delivered		19-Jun-15*	19-Jun-15	3.6w	0%	$0	$0
2-31M		M	Hall C Q3 Magnet Delivered		26-Aug-15*	26-Aug-15	1.2w	0%	$0	$0
2-32M		M	Installtn of Expermntl Equipmnt into H-C is Comptd		23-Dec-15*	23-Dec-15	0.0w	0%	$0	$0
2-33M		M	Hall C Beam Commissioning Complete		08-Feb-16*	08-Feb-16	7.6w	0%	$0	$0
2-34M		M	Hall B Torus Cold Mass Delivered		28-Jul-14*	30-Sep-14	9.0w	0%	$0	$0
2-35M		M	Hall B Solenoid Cryostated Coil Delivered		31-Aug-15*	26-Nov-14	-33.4w	0%	$0	$0
2-36M		M	Installtn of Expermntl Equipmnt into H-B is Comptd		12-May-16*	18-Dec-15	-18.4w	0%	$0	$0
2-37M		M	Hall B Beam Commissioning Complete		24-Jun-16*	10-Feb-16	-12.0w	0%	$0	$0
1.02D LEVEL 2 HALL D MILESTONES				30-Sep-14	11-Dec-14	11-Dec-14	1.8w		$0	$0
2-12M		M	Hall-D Equipment Installation Completed		30-Sep-14*	30-Sep-14	0.0w	0%	$0	$0
2-13M		M	Hall-D Beam Commissioning Completed		11-Dec-14*	11-Dec-14	1.8w	0%	$0	$0
1.02C LEVEL 2 CIVIL MILESTONES				02-Oct-15	02-Oct-15	02-Oct-15	49.6w		$0	$0
2-38M		M	Conventional Facilt's Comptd		02-Oct-15	02-Oct-15	49.6w	0%	$0	$0
1.03A LEVEL 3 ACCELERATOR MILESTONES				01-Oct-13 A	07-Mar-14	07-Feb-14	10.6w		$0	$0
32-05M		M	Start Accel Beam Commssng	13-Nov-13			3.8w	0%	$0	$0
3A-42M		M	MPS Installtn Comptd		28-Feb-14	20-Dec-13	11.6w	0%	$0	$0
3A-43M		M	H-A BL Installtn Comptd		27-Nov-13	11-Oct-13	4.2w	0%	$0	$0
3A-44M		M	H-B BL Installtn Comptd		14-Nov-13	11-Nov-13	6.0w	0%	$0	$0
3A-46M		M	H-C BL Installtn Comptd		27-Nov-13	15-Nov-13	4.2w	0%	$0	$0
3A-47M		M	Cryomodule Installtn Comptd		20-Nov-13	11-Oct-13	5.2w	0%	$0	$0
3A-48M		M	Trim Supply Installtn Comptd		07-Mar-14	04-Feb-14	2.6w	0%	$0	$0
3A-49M		M	PSS Installtn Comptd		15-Jan-14	15-Jan-14	12.2w	0%	$0	$0
3A-53M		M	H-D BL Installtn Comptd		20-Feb-14	07-Feb-14	7.4w	0%	$0	$0
3A-54M		M	S/R Installtn Comptd		27-Nov-13	29-Oct-13	4.2w	0%	$0	$0
3A-58M		M	End of Long Accel Constr Down		01-Oct-13 A	13-Sep-13		100%	$0	$0
1.03P LEVEL 3 PHYSICS MILESTONES				26-Feb-14	24-Jun-16	10-Feb-16	-11.0w		$0	$0
3P-12M		M	Start E-B Commssng of H-A Detctr's, Electrnc's, & BL Devices	26-Feb-14*			4.2w	0%	$0	$0
3P-16M		M	Start E-B Commssng of H-D Detctr's, Electrnc's, & BL Devices	19-Nov-14*			1.6w	0%	$0	$0



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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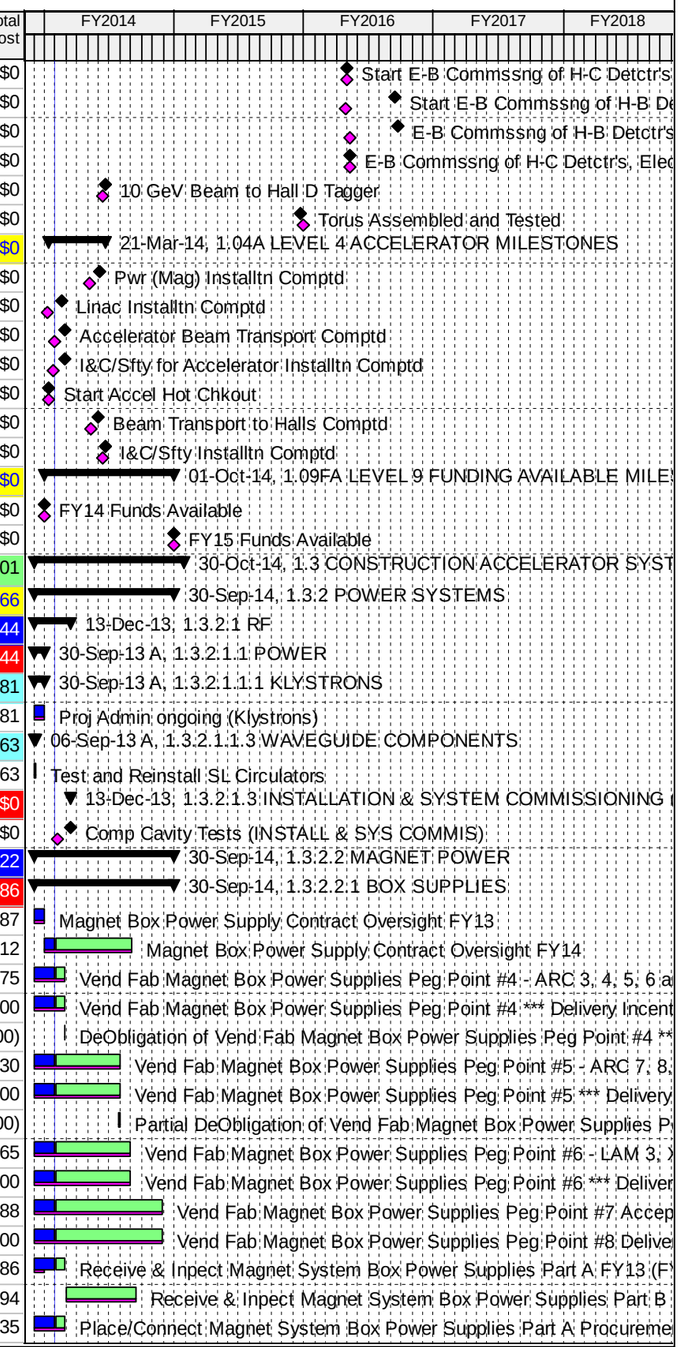
Activity ID	Actin with Ster	EV Re Cu	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
3P-18M		M	Start E-B Commssng of H-C Detctr's, Electrnc's, & BL Devices	02-Feb-16*			7.6w	0%	$0	$0
3P-20M		M	Start E-B Commssng of H-B Detctr's, Electrnc's, & BL Devices	13-Jun-16*			-12.0w	0%	$0	$0
3P-21M		M	E-B Commssng of H-B Detctr's, Electrnc's, & BL Devices Comptd		24-Jun-16	10-Feb-16	-11.0w	0%	$0	$0
3P-22M		M	E-B Commssng of H-C Detctr's, Electrnc's, & BL Devices Comptd		08-Feb-16	08-Feb-16	8.4w	0%	$0	$0
3P-25M		M	10 GeV Beam to Hall D Tagger		21-Mar-14*	14-Mar-14	3.2w	0%	$0	$0
3P-26M		M	Torus Assembled and Tested	21-Sep-15			5.0w	0%	$0	$0
1.04A LEVEL 4 ACCELERATOR MILESTONES				14-Oct-13 A	21-Mar-14	14-Mar-14	8.6w		$0	$0
4A-06M		M	Pwr (Mag) Installtn Comptd		07-Mar-14	04-Feb-14	2.6w	0%	$0	$0
4A-07M		M	Linac Installtn Comptd		20-Nov-13	11-Oct-13	5.2w	0%	$0	$0
4A-08M		M	Accelerator Beam Transport Comptd		27-Nov-13	29-Oct-13	4.2w	0%	$0	$0
4A-09M		M	I&C/Sfty for Accelerator Installtn Comptd		27-Nov-13	25-Oct-13	4.2w	0%	$0	$0
4A-10M		M	Start Accel Hot Chkout	14-Oct-13 A				100%	$0	$0
4A-11M		M	Beam Transport to Halls Comptd		28-Feb-14	07-Feb-14	11.6w	0%	$0	$0
4A-12M		M	I&C/Sfty Installtn Comptd		21-Mar-14	14-Mar-14	3.2w	0%	$0	$0
1.09FA LEVEL 9 FUNDING AVAILABLE MILESTONES				01-Oct-13 A	01-Oct-14	01-Oct-14	0.0w		$0	$0
9-140M		M	FY14 Funds Available	01-Oct-13 A				100%	$0	$0
9-155M		M	FY15 Funds Available	01-Oct-14*			0.0w	0%	$0	$0
1.3 CONSTRUCTION ACCELERATOR SYSTEMS				03-Sep-13 A	30-Oct-14	31-Oct-14	144.0w		$1,072,993	$4,148,301
1.3.2 POWER SYSTEMS				03-Sep-13 A	30-Sep-14	30-Sep-14	148.4w		$388,256	$2,177,766
1.3.2.1 RF				03-Sep-13 A	13-Dec-13	06-Nov-13	15.8w		$2,644	$2,644
1.3.2.1.1 POWER				03-Sep-13 A	30-Sep-13	30-Sep-13			$2,644	$2,644
1.3.2.1.1.1 KLYSTRONS				03-Sep-13 A	30-Sep-13	30-Sep-13			$1,881	$1,881
232111914L		E	Proj Admin ongoing (Klystrons)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,881	$1,881
1.3.2.1.1.3 WAVEGUIDE COMPONENTS				03-Sep-13 A	06-Sep-13	06-Sep-13			$763	$763
232113125		H	Test and Reinstall SL Circulators	03-Sep-13 A	06-Sep-13	06-Sep-13		100%	$763	$763
1.3.2.1.3 INSTALLATION & SYSTEM COMMISSIONING (Test Equipment, System Integration Labor)				13-Dec-13	13-Dec-13	06-Nov-13	15.8w		$0	$0
23213020M		M	Comp Cavity Tests (INSTALL & SYS COMMIS)		13-Dec-13	06-Nov-13	15.6w	0%	$0	$0
1.3.2.2 MAGNET POWER				03-Sep-13 A	30-Sep-14	30-Sep-14	148.4w		$385,612	$2,175,122
1.3.2.2.1 BOX SUPPLIES				03-Sep-13 A	30-Sep-14	30-Sep-14	39.8w		$211,235	$1,578,786
23221022b		E	Magnet Box Power Supply Contract Oversight FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,687	$3,687
23221022c		E	Magnet Box Power Supply Contract Oversight FY14	01-Oct-13 A	02-Jun-14	02-Jun-14	3.4w	14.11%	$2,570	$18,212
23221023C		D	Vend Fab Magnet Box Power Supplies Peg Point #4 - ARC 3, 4, 5, 6 and LAI	03-Sep-13 A	27-Nov-13	27-Nov-13	58.6w	40%	$116,310	$290,775
23221023D		D	Vend Fab Magnet Box Power Supplies Peg Point #4 *** Delivery Incentive Bo	03-Sep-13 A	27-Nov-13	27-Nov-13	50.0w	0%	$0	$80,000
23221023Da		D	DeObligation of Vend Fab Magnet Box Power Supplies Peg Point #4 *** Deliv	27-Nov-13	27-Nov-13	27-Nov-13	52.6w	0%	$0	($80,000)
23221023F		D	Vend Fab Magnet Box Power Supplies Peg Point #5 - ARC 7, 8, 9, 10, RSEF	03-Sep-13 A	30-Apr-14	30-Apr-14	41.4w	0%	$0	$377,630
23221023G		D	Vend Fab Magnet Box Power Supplies Peg Point #5 *** Delivery Incentive Bo	03-Sep-13 A	30-Apr-14	30-Apr-14	32.8w	0%	$0	$80,000
23221023Ga		D	Partial DeObligation of Vend Fab Magnet Box Power Supplies Peg Point #5 *	30-Apr-14	30-Apr-14	30-Apr-14	32.8w	0%	$0	($40,000)
23221023H		D	Vend Fab Magnet Box Power Supplies Peg Point #6 - LAM 3, XSEP 8 and R	03-Sep-13 A	30-May-14	30-May-14	56.6w	0%	$0	$104,565
23221023J		D	Vend Fab Magnet Box Power Supplies Peg Point #6 *** Delivery Incentive Bo	03-Sep-13 A	30-May-14	30-May-14	48.0w	0%	$0	$40,000
23221023K		D	Vend Fab Magnet Box Power Supplies Peg Point #7 Acceptance Test at JLab	03-Sep-13 A	29-Aug-14	29-Aug-14	39.4w	0%	$0	$384,488
23221023L		D	Vend Fab Magnet Box Power Supplies Peg Point #8 Delivery of Spares	03-Sep-13 A	29-Aug-14	29-Aug-14	30.8w	0%	$0	$53,800
23221024		U	Receive & Inpect Magnet System Box Power Supplies Part A FY13 (FY14 @	03-Sep-13 A	27-Nov-13	30-Sep-13	16.4w	40%	$195	$486
23221024a		U	Receive & Inpect Magnet System Box Power Supplies Part B	02-Dec-13	16-Jun-14	16-Jun-14	16.4w	0%	$0	$2,794
23221024b		U	Place/Connect Magnet System Box Power Supplies Part A Procurement	03-Sep-13 A	27-Nov-13	27-Nov-13	7.8w	20%	$87	$435



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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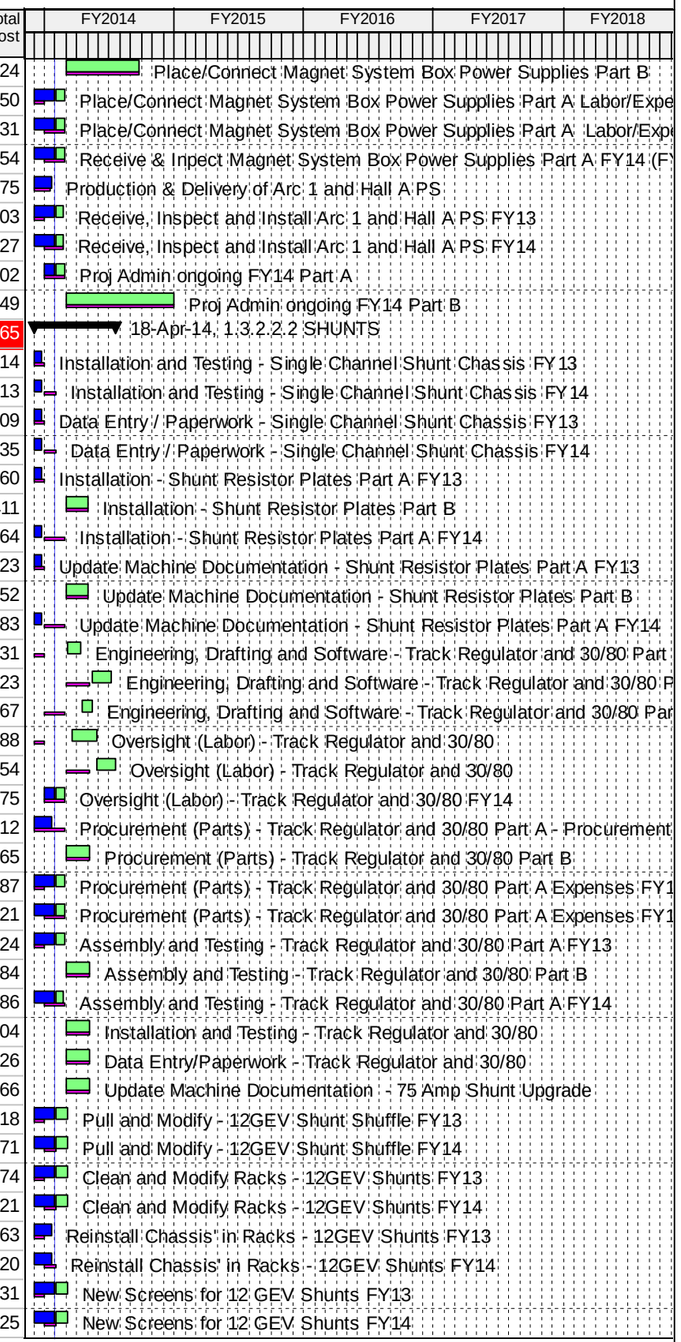
Activity ID	Activ with Step	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
23221024ba		U	Place/Connect Magnet System Box Power Supplies Part B	02-Dec-13	23-Jun-14	23-Jun-14	7.8w	0%	$0	$90,524
23221024c		U	Place/Connect Magnet System Box Power Supplies Part A Labor/Expenses F	03-Sep-13 A	27-Nov-13	30-Sep-13	7.8w	20%	$2,850	$14,250
23221024d		U	Place/Connect Magnet System Box Power Supplies Part A Labor/Expenses	03-Sep-13 A	27-Nov-13	27-Nov-13	7.8w	20%	$6,746	$33,731
23221029		U	Receive & Inpect Magnet System Box Power Supplies Part A FY14 (FY13 @	03-Sep-13 A	27-Nov-13	27-Nov-13	16.4w	40%	$421	$1,054
23221127		U	Production & Delivery of Arc 1 and Hall A PS	03-Sep-13 A	21-Oct-13 A	18-Oct-13		100%	$70,875	$70,875
23221133		U	Receive, Inspect and Install Arc 1 and Hall A PS FY13	03-Sep-13 A	22-Nov-13	30-Sep-13	29.8w	50%	$852	$1,703
23221133a		U	Receive, Inspect and Install Arc 1 and Hall A PS FY14	03-Sep-13 A	22-Nov-13	22-Nov-13	29.8w	50%	$1,713	$3,427
23221140LO		E	Proj Admin ongoing FY14 Part A	01-Oct-13 A	27-Nov-13	27-Nov-13	11.6w	54.76%	$4,930	$9,002
23221140LO		E	Proj Admin ongoing FY14 Part B	02-Dec-13	30-Sep-14	30-Sep-14	11.6w	0%	$0	$37,349
1.3.2.2.2 SHUNTS				03-Sep-13 A	18-Apr-14	03-Feb-14	171.2w		$30,174	$71,465
23222030		U	Installation and Testing - Single Channel Shunt Chassis FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$414	$414
23222030a		U	Installation and Testing - Single Channel Shunt Chassis FY14	03-Sep-13 A	23-Sep-13	01-Nov-13		100%	$513	$513
23222035		H	Data Entry / Paperwork - Single Channel Shunt Chassis FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$109	$109
23222035a		H	Data Entry / Paperwork - Single Channel Shunt Chassis FY14	03-Sep-13 A	23-Sep-13	01-Nov-13		100%	$135	$135
23222064		U	Installation - Shunt Resistor Plates Part A FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$260	$260
23222064a		U	Installation - Shunt Resistor Plates Part B	02-Dec-13	31-Jan-14	31-Jan-14	29.0w	0%	$0	$411
23222065		U	Installation - Shunt Resistor Plates Part A FY14	03-Sep-13 A	23-Sep-13	27-Nov-13		100%	$564	$564
23222067		H	Update Machine Documentation - Shunt Resistor Plates Part A FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$223	$223
23222067a		H	Update Machine Documentation - Shunt Resistor Plates Part B	02-Dec-13	31-Jan-14	31-Jan-14	20.4w	0%	$0	$352
23222068		H	Update Machine Documentation - Shunt Resistor Plates Part A FY14	03-Sep-13 A	23-Sep-13	27-Nov-13		100%	$483	$483
23222070A		H	Engineering, Drafting and Software - Track Regulator and 30/80 Part A FY13	05-Dec-13	13-Jan-14	30-Sep-13	30.4w	0%	$0	$631
23222070Aa		H	Engineering, Drafting and Software - Track Regulator and 30/80 Part B	14-Feb-14	07-Apr-14	03-Feb-14	30.4w	0%	$0	$1,023
23222070Ab		H	Engineering, Drafting and Software - Track Regulator and 30/80 Part A FY14	14-Jan-14	13-Feb-14	27-Nov-13	30.4w	0%	$0	$1,367
23222075A		H	Oversight (Labor) - Track Regulator and 30/80	18-Dec-13	26-Feb-14	30-Sep-13	30.4w	0%	$0	$588
23222075Aa		H	Oversight (Labor) - Track Regulator and 30/80	27-Feb-14	18-Apr-14	03-Feb-14	30.4w	0%	$0	$954
23222075Ab		E	Oversight (Labor) - Track Regulator and 30/80 FY14	01-Oct-13 A	27-Nov-13	27-Nov-13	189.4w	54.76%	$698	$1,275
23222080A		D	Procurement (Parts) - Track Regulator and 30/80 Part A - Procurement	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$12	$12
23222080Aa		D	Procurement (Parts) - Track Regulator and 30/80 Part B	02-Dec-13	03-Feb-14	03-Feb-14	28.8w	0%	$0	$465
23222080Ab		D	Procurement (Parts) - Track Regulator and 30/80 Part A Expenses FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	38.0w	50%	$143	$287
23222080Ac		D	Procurement (Parts) - Track Regulator and 30/80 Part A Expenses FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	28.8w	50%	$310	$621
23222085A	ST	S	Assembly and Testing - Track Regulator and 30/80 Part A FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	20.2w	50%	$1,012	$2,024
23222085Aa	ST	S	Assembly and Testing - Track Regulator and 30/80 Part B	02-Dec-13	03-Feb-14	03-Feb-14	20.2w	0%	$0	$3,284
23222085Ab	ST	S	Assembly and Testing - Track Regulator and 30/80 Part A FY14	03-Sep-13 A	25-Nov-13	27-Nov-13	20.6w	50%	$2,193	$4,386
23222095	ST	S	Installation and Testing - Track Regulator and 30/80	02-Dec-13	03-Feb-14	03-Feb-14	20.2w	0%	$0	$8,304
23222100A		H	Data Entry/Paperwork - Track Regulator and 30/80	02-Dec-13	03-Feb-14	03-Feb-14	20.2w	0%	$0	$3,426
23222142		H	Update Machine Documentation - 75 Amp Shunt Upgrade	02-Dec-13	03-Feb-14	03-Feb-14	20.2w	0%	$0	$366
23222170		U	Pull and Modify - 12GEV Shunt Shuffle FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	34.6w	85%	$1,971	$2,318
23222170a		U	Pull and Modify - 12GEV Shunt Shuffle FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	34.6w	85%	$2,440	$2,871
23222175		U	Clean and Modify Racks - 12GEV Shunts FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	34.6w	89%	$3,537	$3,974
23222175a		U	Clean and Modify Racks - 12GEV Shunts FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	34.6w	89%	$4,380	$4,921
23222180		U	Reinstall Chassis' in Racks - 12GEV Shunts FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$663	$663
23222180a		U	Reinstall Chassis' in Racks - 12GEV Shunts FY14	03-Sep-13 A	21-Oct-13 A	01-Nov-13		100%	$820	$820
23222185		H	New Screens for 12 GEV Shunts FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	34.6w	50%	$615	$1,231
23222185a		H	New Screens for 12 GEV Shunts FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	34.6w	50%	$762	$1,525



Primary Baseline | Remaining Work | Baseline Milestone
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TASK filter: RESP - Responsibility to use After ReBas.

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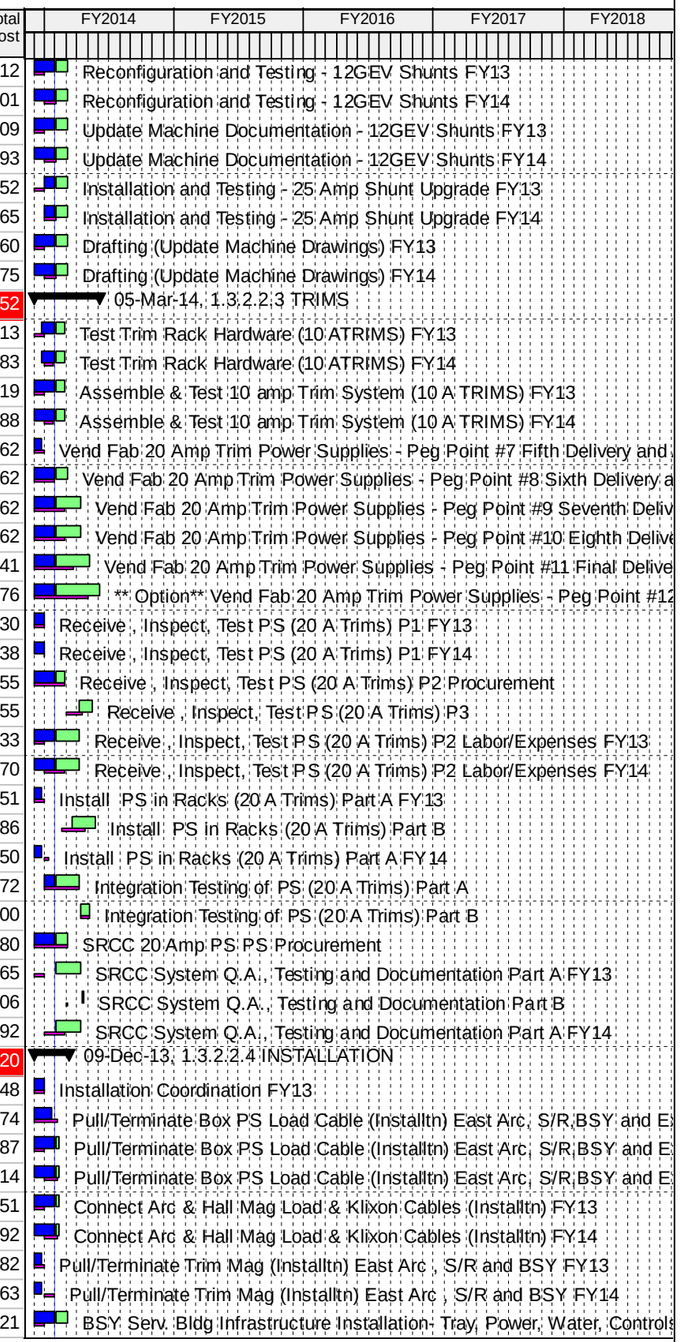
23222190		U	Reconfiguration and Testing - 12GEV Shunts FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	30.6w	20%	$662	$3,312
23222190a		U	Reconfiguration and Testing - 12GEV Shunts FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	30.6w	20%	$820	$4,101
23222195		H	Update Machine Documentation - 12GEV Shunts FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	26.6w	50%	$805	$1,609
23222195a		H	Update Machine Documentation - 12GEV Shunts FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	26.6w	50%	$996	$1,993
23222220		U	Installation and Testing - 25 Amp Shunt Upgrade FY13	01-Oct-13 A	06-Dec-13	30-Sep-13	30.6w	46%	$990	$2,152
23222220a		U	Installation and Testing - 25 Amp Shunt Upgrade FY14	01-Oct-13 A	06-Dec-13	01-Nov-13	30.6w	46%	$1,226	$2,665
23222230		H	Drafting (Update Machine Drawings) FY13	03-Sep-13 A	06-Dec-13	30-Sep-13	26.6w	50%	$1,080	$2,160
23222230a		H	Drafting (Update Machine Drawings) FY14	03-Sep-13 A	06-Dec-13	01-Nov-13	26.6w	50%	$1,337	$2,675
1.3.2.2.3 TRIMS				03-Sep-13 A	05-Mar-14	03-Feb-14	20.8w		$116,225	$473,752
23223015		U	Test Trim Rack Hardware (10 ATRIMS) FY13	23-Sep-13 A	27-Nov-13	30-Sep-13	14.8w	50%	$756	$1,513
23223015a		U	Test Trim Rack Hardware (10 ATRIMS) FY14	23-Sep-13 A	27-Nov-13	25-Oct-13	14.8w	50%	$742	$1,483
23223025		U	Assemble & Test 10 amp Trim System (10 A TRIMS) FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	14.8w	10%	$662	$6,619
23223025a		U	Assemble & Test 10 amp Trim System (10 A TRIMS) FY14	03-Sep-13 A	27-Nov-13	25-Oct-13	14.8w	10%	$649	$6,488
23223051H		D	Vend Fab 20 Amp Trim Power Supplies - Peg Point #7 Fifth Delivery and Acc	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$77,162	$77,162
23223051J		D	Vend Fab 20 Amp Trim Power Supplies - Peg Point #8 Sixth Delivery and Acc	03-Sep-13 A	05-Dec-13	31-Oct-13	22.0w	40%	$30,865	$77,162
23223051K		D	Vend Fab 20 Amp Trim Power Supplies - Peg Point #9 Seventh Delivery and /	03-Sep-13 A	13-Jan-14	27-Nov-13	18.0w	0%	$0	$77,162
23223051N		D	Vend Fab 20 Amp Trim Power Supplies - Peg Point #10 Eighth Delivery and A	03-Sep-13 A	13-Jan-14	27-Nov-13	14.0w	0%	$0	$77,162
23223051P		D	Vend Fab 20 Amp Trim Power Supplies - Peg Point #11 Final Delivery and Ac	03-Sep-13 A	04-Feb-14	20-Dec-13	10.0w	0%	$0	$51,441
23223051Q		D	** Option** Vend Fab 20 Amp Trim Power Supplies - Peg Point #12 Delivery	03-Sep-13 A	05-Mar-14	31-Jan-14	6.0w	0%	$0	$30,776
23223052A		U	Receive , Inspect, Test P S (20 A Trims) P1 FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$730	$730
23223052Aa		U	Receive , Inspect, Test P S (20 A Trims) P1 FY14	03-Sep-13 A	30-Sep-13	01-Oct-13		100%	$38	$38
23223053		U	Receive , Inspect, Test P S (20 A Trims) P2 Procurement	03-Sep-13 A	27-Nov-13	27-Nov-13	19.0w	0%	$0	$1,155
23223053a		U	Receive , Inspect, Test P S (20 A Trims) P3	09-Jan-14	12-Feb-14	14-Jan-14	15.0w	0%	$0	$1,555
23223054		U	Receive , Inspect, Test P S (20 A Trims) P2 Labor/Expenses FY13	03-Sep-13 A	08-Jan-14	30-Sep-13	20.2w	0%	$0	$1,833
23223054a		U	Receive , Inspect, Test P S (20 A Trims) P2 Labor/Expenses FY14	03-Sep-13 A	08-Jan-14	27-Nov-13	15.0w	0%	$0	$3,970
23223055		U	Install PS in Racks (20 A Trims) Part A FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,851	$1,851
23223055A		U	Install PS in Racks (20 A Trims) Part B	20-Dec-13	20-Feb-14	23-Jan-14	19.6w	0%	$0	$9,586
23223055b		U	Install PS in Racks (20 A Trims) Part A FY14	03-Sep-13 A	23-Sep-13	15-Oct-13		100%	$1,050	$1,050
23223060		U	Integration Testing of PS (20 A Trims) Part A	01-Oct-13 A	09-Jan-14	09-Jan-14	7.4w	15%	$1,721	$11,472
23223060a		U	Integration Testing of PS (20 A Trims) Part B	10-Jan-14	03-Feb-14	03-Feb-14	7.4w	0%	$0	$8,800
23223110		D	SRCC 20 Amp PS PS Procurement	03-Sep-13 A	06-Dec-13	06-Dec-13	31.6w	0%	$0	$15,380
23223125	ST	S	SRCC System Q.A., Testing and Documentation Part A FY13	01-Nov-13	13-Jan-14	30-Sep-13	23.0w	0%	$0	$2,765
23223125a	ST	S	SRCC System Q.A., Testing and Documentation Part B	14-Jan-14	21-Jan-14	06-Dec-13	23.0w	0%	$0	$606
23223125b	ST	S	SRCC System Q.A., Testing and Documentation Part A FY14	01-Nov-13	13-Jan-14	27-Nov-13	23.0w	0%	$0	$5,992
1.3.2.2.4 INSTALLATION				03-Sep-13 A	09-Dec-13	06-Nov-13	51.2w		$27,978	$51,120
23224003LC		E	Installation Coordination FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$2,348	$2,348
23224045A		U	Pull/Terminate Box PS Load Cable (Installtn) East Arc, S/R,BSY and Extracti	03-Sep-13 A	21-Oct-13 A	06-Nov-13		100%	$74	$74
23224045Aa		U	Pull/Terminate Box PS Load Cable (Installtn) East Arc, S/R,BSY and Extracti	03-Sep-13 A	11-Nov-13	30-Sep-13	17.2w	40%	$435	$1,087
23224045Ab		U	Pull/Terminate Box PS Load Cable (Installtn) East Arc, S/R,BSY and Extracti	03-Sep-13 A	11-Nov-13	06-Nov-13	17.2w	40%	$606	$1,514
23224055		U	Connect Arc & Hall Mag Load & Klixon Cables (Installtn) FY13	03-Sep-13 A	11-Nov-13	30-Sep-13	9.2w	40%	$1,060	$2,651
23224055a		U	Connect Arc & Hall Mag Load & Klixon Cables (Installtn) FY14	03-Sep-13 A	11-Nov-13	06-Nov-13	9.2w	40%	$1,477	$3,692
23224085A		U	Pull/Terminate Trim Mag (Installtn) East Arc , S/R and BSY FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$2,082	$2,082
23224085Aa		U	Pull/Terminate Trim Mag (Installtn) East Arc , S/R and BSY FY14	03-Sep-13 A	23-Sep-13	30-Oct-13		100%	$2,363	$2,363
23224087	ST	S	BSY Serv. Bldg Infrastructure Installation- Tray, Power, Water, Controls FY13	03-Sep-13 A	04-Dec-13	30-Sep-13	52.0w	38.9%	$3,781	$9,721



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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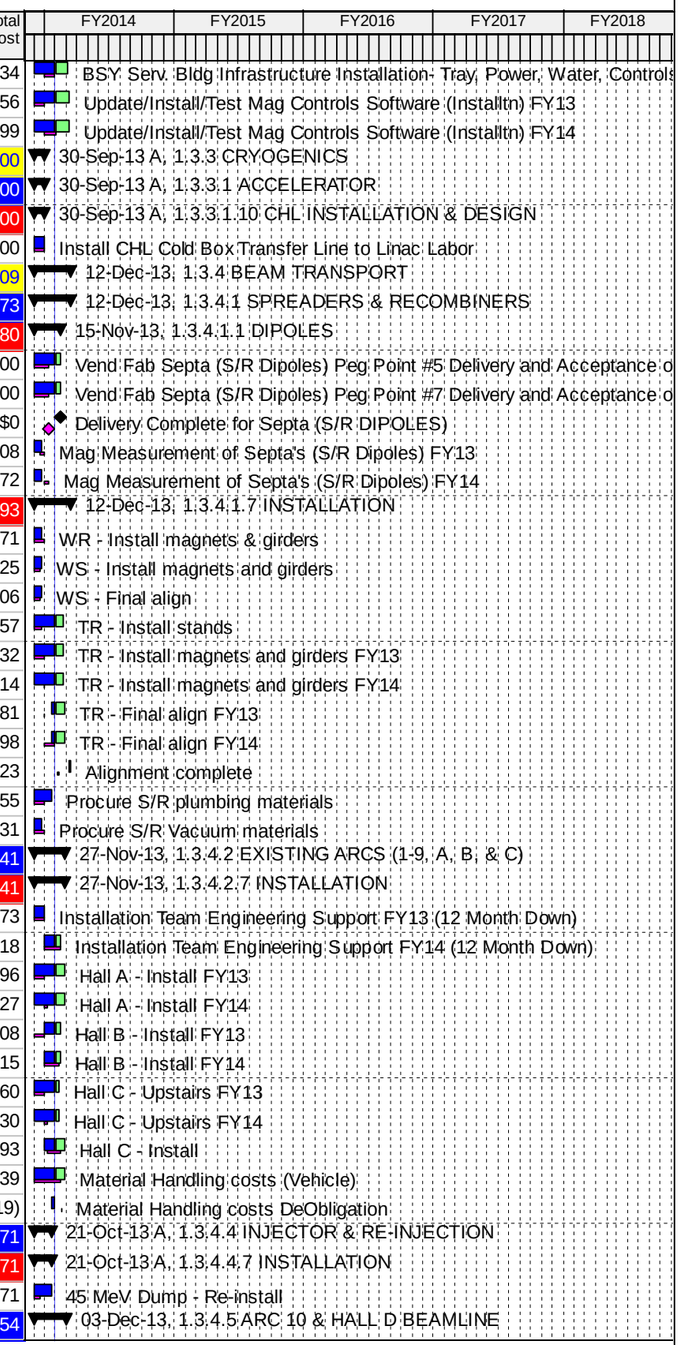
Activity ID	Acti with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
23224087a	ST	S	BSY Serv. Bldg Infrastructure Installation- Tray, Power, Water, Controls FY14	03-Sep-13 A	04-Dec-13	30-Oct-13	52.0w	38.9%	$4,292	$11,034
23224100	ST	S	Update/Install/Test Mag Controls Software (Installtn) FY13	03-Sep-13 A	09-Dec-13	30-Sep-13	15.4w	65%	$4,131	$6,356
23224100a	ST	S	Update/Install/Test Mag Controls Software (Installtn) FY14	03-Sep-13 A	09-Dec-13	04-Nov-13	15.4w	65%	$5,329	$8,199
1.3.3 CRYOGENICS				03-Sep-13 A	30-Sep-13	30-Sep-13			$4,800	$4,800
1.3.3.1 ACCELERATOR				03-Sep-13 A	30-Sep-13	30-Sep-13			$4,800	$4,800
1.3.3.1.10 CHL INSTALLATION & DESIGN				03-Sep-13 A	30-Sep-13	30-Sep-13			$4,800	$4,800
2331.1005		H	Install CHL Cold Box Transfer Line to Linac Labor	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$4,800	$4,800
1.3.4 BEAM TRANSPORT				03-Sep-13 A	12-Dec-13	18-Nov-13	21.0w		$360,942	$518,709
1.3.4.1 SPREADERS & RECOMBINERS				03-Sep-13 A	12-Dec-13	11-Nov-13	21.0w		$149,015	$192,573
1.3.4.1.1 DIPOLES				03-Sep-13 A	15-Nov-13	15-Oct-13	24.4w		$35,480	$63,480
23411087N		D	Vend Fab Septa (S/R Dipoles) Peg Point #5 Delivery and Acceptance of ZA S	03-Sep-13 A	15-Nov-13	15-Oct-13	24.2w	50%	$10,750	$21,500
23411087Q		D	Vend Fab Septa (S/R Dipoles) Peg Point #7 Delivery and Acceptance of Qua	03-Sep-13 A	15-Nov-13	15-Oct-13	20.2w	50%	$17,250	$34,500
23411090M		M	Delivery Complete for Septa (S/R DIPOLES)		15-Nov-13	15-Oct-13	20.2w	0%	$0	$0
23411145		H	Mag Measurement of Septa's (S/R Dipoles) FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$3,308	$3,308
23411145a		H	Mag Measurement of Septa's (S/R Dipoles) FY14	03-Sep-13 A	23-Sep-13	15-Oct-13		100%	$4,172	$4,172
1.3.4.1.7 INSTALLATION				03-Sep-13 A	12-Dec-13	11-Nov-13	16.0w		$113,535	$129,093
23417065		H	WR - Install magnets & girders	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$7,471	$7,471
23417115		H	WS - Install magnets and girders	03-Sep-13 A	23-Sep-13	17-Sep-13		100%	$9,625	$9,625
23417120	ST	S	WS - Final align	03-Sep-13 A	23-Sep-13	19-Sep-13		100%	$13,506	$13,506
23417130	ST	S	TR - Install stands	03-Sep-13 A	22-Nov-13	24-Sep-13	4.6w	85%	$15,264	$17,957
23417140	ST	S	TR - Install magnets and girders FY13	03-Sep-13 A	22-Nov-13	30-Sep-13	4.6w	95%	$37,080	$39,032
23417140a	ST	S	TR - Install magnets and girders FY14	03-Sep-13 A	22-Nov-13	01-Oct-13	4.6w	95%	$1,913	$2,014
23417145	ST	S	TR - Final align FY13	21-Oct-13 A	27-Nov-13	30-Sep-13	3.8w	50%	$291	$581
23417145a	ST	S	TR - Final align FY14	21-Oct-13 A	27-Nov-13	29-Oct-13	3.8w	50%	$6,299	$12,598
23417150		H	Alignment complete	10-Dec-13	12-Dec-13	11-Nov-13	15.8w	0%	$0	$4,223
23417165		D	Procure S/R plumbing materials	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$12,255	$12,255
23417170		D	Procure S/R Vacuum materials	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$9,831	$9,831
1.3.4.2 EXISTING ARCS (1-9, A, B, & C)				03-Sep-13 A	27-Nov-13	18-Nov-13	17.8w		$111,208	$141,041
1.3.4.2.7 INSTALLATION				03-Sep-13 A	27-Nov-13	18-Nov-13	17.8w		$111,208	$141,041
23427016LC		E	Installation Team Engineering Support FY13 (12 Month Down)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$9,073	$9,073
23427016LC		E	Installation Team Engineering Support FY14 (12 Month Down)	01-Oct-13 A	15-Nov-13	15-Nov-13	19.2w	57.65%	$10,768	$15,918
23427040	ST	S	Hall A - Install FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	3.8w	90%	$11,876	$13,196
23427040a	ST	S	Hall A - Install FY14	03-Sep-13 A	27-Nov-13	11-Oct-13	3.8w	90%	$5,515	$6,127
23427047	ST	S	Hall B - Install FY13	01-Oct-13 A	14-Nov-13	30-Sep-13	5.6w	80%	$13,446	$16,808
23427047a	ST	S	Hall B - Install FY14	01-Oct-13 A	14-Nov-13	11-Nov-13	5.6w	80%	$20,812	$26,015
23427052	ST	S	Hall C - Upstairs FY13	03-Sep-13 A	11-Nov-13	30-Sep-13	4.4w	90%	$6,804	$7,560
23427052a	ST	S	Hall C - Upstairs FY14	03-Sep-13 A	11-Nov-13	09-Oct-13	4.4w	90%	$2,457	$2,730
23427057	ST	S	Hall C - Install	01-Oct-13 A	27-Nov-13	15-Nov-13	3.8w	80%	$28,555	$35,693
23427062	ST	S	Material Handling costs (Vehicle)	03-Sep-13 A	27-Nov-13	15-Nov-13	14.8w	67%	$12,220	$18,239
23427067		D	Material Handling costs DeObligation	21-Oct-13 A	28-Oct-13 A	18-Nov-13		100%	($10,319)	($10,319)
1.3.4.4 INJECTOR & RE-INJECTION				03-Sep-13 A	21-Oct-13 A	17-Sep-13			$16,371	$16,371
1.3.4.4.7 INSTALLATION				03-Sep-13 A	21-Oct-13 A	17-Sep-13			$16,371	$16,371
23447010	ST	S	45 MeV Dump - Re-install	03-Sep-13 A	21-Oct-13 A	17-Sep-13		100%	$16,371	$16,371
1.3.4.5 ARC 10 & HALL D BEAMLINE				03-Sep-13 A	03-Dec-13	23-Oct-13	13.0w		$39,279	$123,654

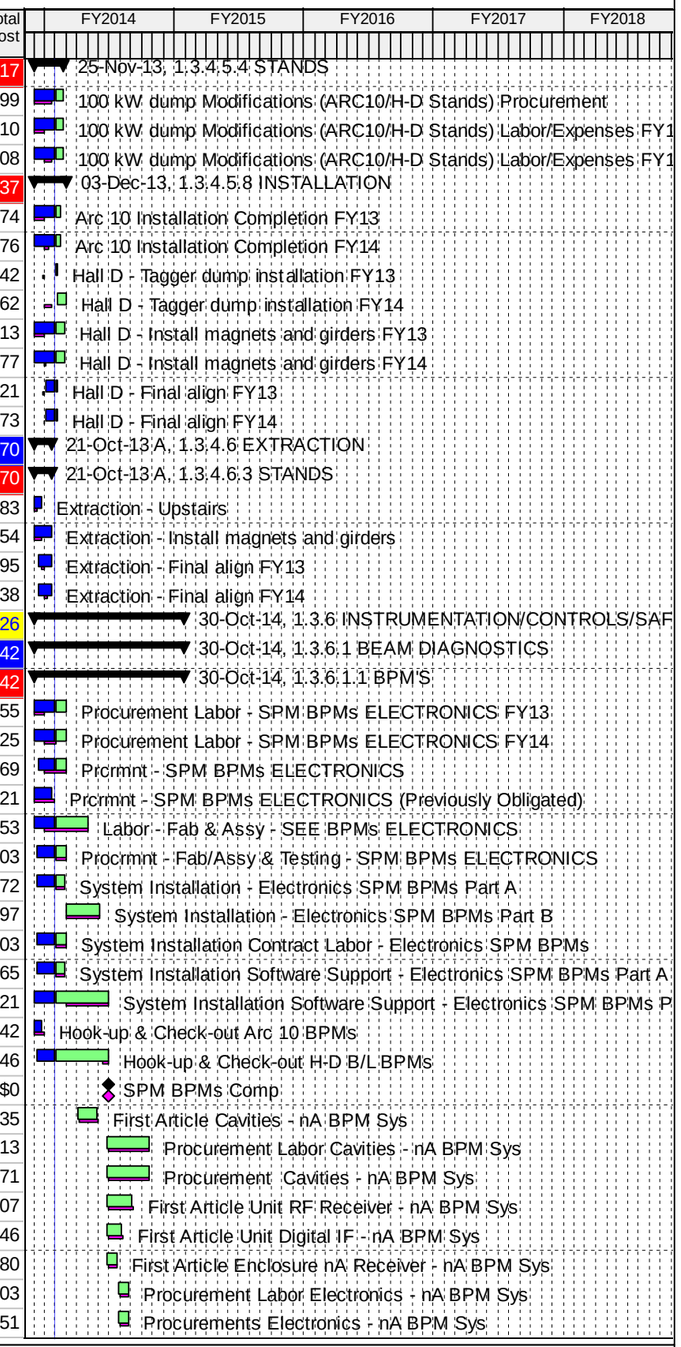


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

(c) Primavera Systems, Inc.

Activity ID	Activ with Step	EVM Rep Code	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
1.3.4.5.4 STANDS				03-Sep-13 A	25-Nov-13	23-Oct-13	13.8w		$12,208	$24,417
23454055	ST	S	100 kW dump Modifications (ARC10/H-D Stands) Procurement	03-Sep-13 A	25-Nov-13	23-Oct-13	13.0w	50%	$1,500	$2,999
23454055a	ST	S	100 kW dump Modifications (ARC10/H-D Stands) Labor/Expenses FY13	03-Sep-13 A	25-Nov-13	30-Sep-13	13.6w	50%	$5,705	$11,410
23454055b	ST	S	100 kW dump Modifications (ARC10/H-D Stands) Labor/Expenses FY14	03-Sep-13 A	25-Nov-13	23-Oct-13	13.0w	50%	$5,004	$10,008
1.3.4.5.8 INSTALLATION				03-Sep-13 A	03-Dec-13	23-Oct-13	12.8w		$27,070	$99,237
23458040	ST	S	Arc 10 Installation Completion FY13	03-Sep-13 A	14-Nov-13	30-Sep-13	11.6w	60%	$12,764	$21,274
23458040a	ST	S	Arc 10 Installation Completion FY14	03-Sep-13 A	14-Nov-13	14-Oct-13	11.6w	60%	$6,586	$10,976
23458045		S	Hall D - Tagger dump installation FY13	01-Nov-13	06-Nov-13	30-Sep-13	12.6w	0%	$0	$9,842
23458045a		S	Hall D - Tagger dump installation FY14	07-Nov-13	03-Dec-13	23-Oct-13	12.6w	0%	$0	$43,162
23458060	ST	S	Hall D - Install magnets and girders FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	12.2w	60%	$3,788	$6,313
23458060a	ST	S	Hall D - Install magnets and girders FY14	03-Sep-13 A	27-Nov-13	03-Oct-13	12.2w	60%	$586	$977
23458065		H	Hall D - Final align FY13	07-Oct-13 A	06-Nov-13	30-Sep-13	8.0w	50%	$2,660	$5,321
23458065a		H	Hall D - Final align FY14	07-Oct-13 A	06-Nov-13	01-Oct-13	8.0w	50%	$686	$1,373
1.3.4.6 EXTRACTION				03-Sep-13 A	21-Oct-13 A	09-Oct-13			$45,070	$45,070
1.3.4.6.3 STANDS				03-Sep-13 A	21-Oct-13 A	09-Oct-13			$45,070	$45,070
23463035a		H	Extraction - Upstairs	03-Sep-13 A	23-Sep-13	10-Sep-13		100%	$1,883	$1,883
23463045	ST	S	Extraction - Install magnets and girders	03-Sep-13 A	21-Oct-13 A	23-Sep-13		100%	$27,554	$27,554
23463050	ST	S	Extraction - Final align FY13	16-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$6,395	$6,395
23463050a	ST	S	Extraction - Final align FY14	16-Sep-13 A	21-Oct-13 A	09-Oct-13		100%	$9,238	$9,238
1.3.6 INSTRUMENTATION/CONTROLS/SAFETY SYS				03-Sep-13 A	30-Oct-14	31-Oct-14	6.8w		$318,995	$1,447,026
1.3.6.1 BEAM DIAGNOSTICS				03-Sep-13 A	30-Oct-14	31-Oct-14	4.2w		$159,153	$900,842
1.3.6.1.1 BPM'S				03-Sep-13 A	30-Oct-14	31-Oct-14	4.2w		$122,816	$717,442
23611014B		H	Procurement Labor - SPM BPMs ELECTRONICS FY13	03-Sep-13 A	02-Dec-13	30-Sep-13	19.8w	50%	$1,528	$3,055
23611014Ba		H	Procurement Labor - SPM BPMs ELECTRONICS FY14	03-Sep-13 A	02-Dec-13	01-Nov-13	19.8w	50%	$1,813	$3,625
23611014D		D	Prcrmnt - SPM BPMs ELECTRONICS	16-Sep-13 A	02-Dec-13	02-Dec-13	19.8w	25%	$9,067	$36,269
23611014D5		D	Prcrmnt - SPM BPMs ELECTRONICS (Previously Obligated)	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$13,621	$13,621
23611015A		U	Labor - Fab & Assy - SEE BPMs ELECTRONICS	03-Sep-13 A	30-Jan-14	30-Jan-14	20.6w	66%	$32,111	$48,653
23611015B		D	Procrmnt - Fab/Assy & Testing - SPM BPMs ELECTRONICS	09-Sep-13 A	02-Dec-13	02-Dec-13	14.8w	35%	$19,566	$55,903
23611025		H	System Installation - Electronics SPM BPMs Part A	09-Sep-13 A	27-Nov-13	27-Nov-13	10.4w	50%	$1,136	$2,272
23611025a		H	System Installation - Electronics SPM BPMs Part B	02-Dec-13	04-Mar-14	04-Mar-14	10.4w	0%	$0	$5,897
23611025b		U	System Installation Contract Labor - Electronics SPM BPMs	09-Sep-13 A	02-Dec-13	02-Dec-13	9.8w	10%	$1,730	$17,303
23611025c		H	System Installation Software Support - Electronics SPM BPMs Part A	09-Sep-13 A	27-Nov-13	27-Nov-13	15.6w	50%	$2,682	$5,365
23611025ca	ST	S	System Installation Software Support - Electronics SPM BPMs Part B	03-Sep-13 A	01-Apr-14	01-Apr-14	10.4w	33.3%	$6,234	$18,721
23611026b		H	Hook-up & Check-out Arc 10 BPMs	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$6,342	$6,342
23611027		H	Hook-up & Check-out H-D B/L BPMs	09-Sep-13 A	01-Apr-14	01-Apr-14	4.8w	50%	$3,973	$7,946
23611035M		M	SPM BPMs Comp		01-Apr-14	01-Apr-14	4.8w	0%	$0	$0
23611036			First Article Cavities - nA BPM Sys	03-Jan-14	27-Feb-14	03-Mar-14	5.0w	0%	$0	$40,235
23611037			Procurement Labor Cavities - nA BPM Sys	27-Mar-14	22-Jul-14	24-Jul-14	5.0w	0%	$0	$6,413
23611037a			Procurement Cavities - nA BPM Sys	27-Mar-14	22-Jul-14	24-Jul-14	5.0w	0%	$0	$180,871
23611038			First Article Unit RF Receiver - nA BPM Sys	28-Mar-14	05-Jun-14	06-Jun-14	17.4w	0%	$0	$18,407
23611038a			First Article Unit Digital IF - nA BPM Sys	28-Mar-14	07-May-14	08-May-14	17.4w	0%	$0	$12,346
23611038b			First Article Enclosure nA Receiver - nA BPM Sys	28-Mar-14	23-Apr-14	24-Apr-14	17.4w	0%	$0	$11,180
23611039			Procurement Labor Electronics - nA BPM Sys	30-Apr-14	27-May-14	28-May-14	4.2w	0%	$0	$9,903
23611040			Procurements Electronics - nA BPM Sys	30-Apr-14	27-May-14	28-May-14	4.2w	0%	$0	$35,751



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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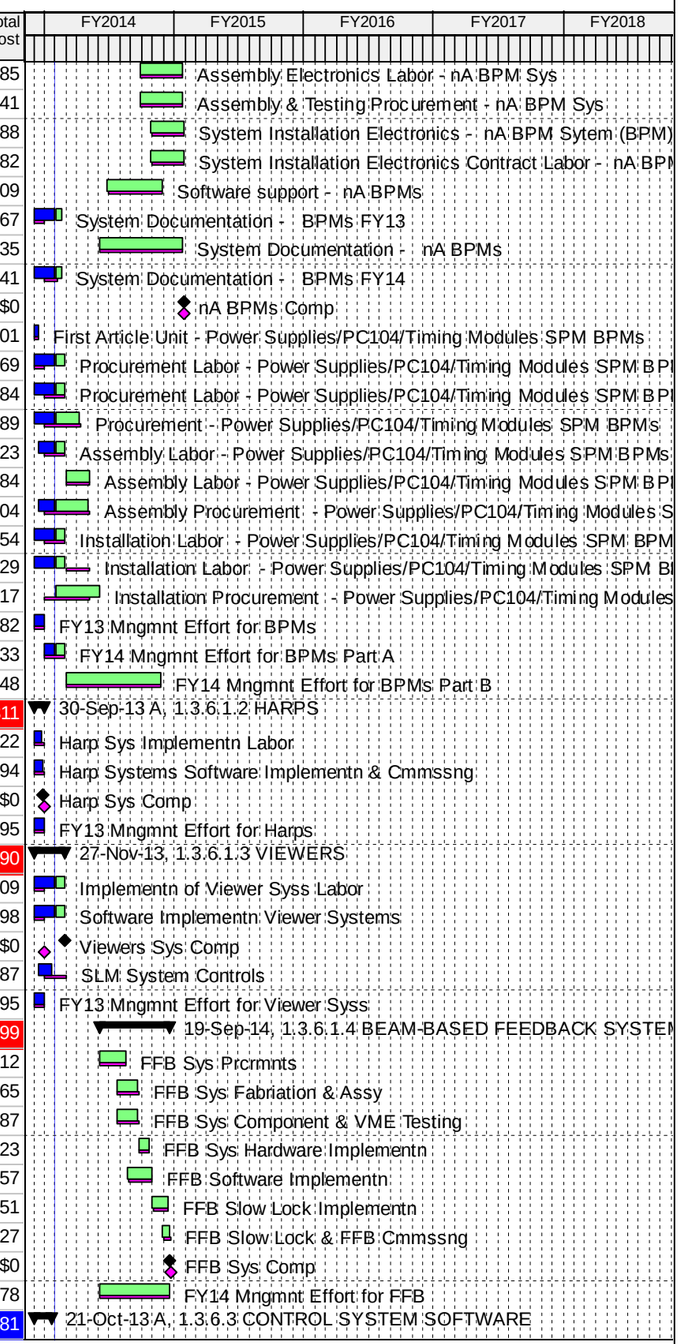
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
23611045			Assembly Electronics Labor - nA BPM Sys	27-Jun-14	23-Oct-14	24-Oct-14	4.2w	0%	$0	$21,085
23611050			Assembly & Testing Procurement - nA BPM Sys	27-Jun-14	23-Oct-14	24-Oct-14	4.2w	0%	$0	$7,241
23611055			System Installation Electronics - nA BPM Sytem (BPM)	29-Jul-14	30-Oct-14	31-Oct-14	4.2w	0%	$0	$7,988
23611055a			System Installation Electronics Contract Labor - nA BPM Sytem (BPM)	29-Jul-14	30-Oct-14	31-Oct-14	4.2w	0%	$0	$14,482
23611060			Software support - nA BPMs	28-Mar-14	27-Aug-14	28-Aug-14	13.2w	0%	$0	$38,009
23611065a		H	System Documentation - BPMs FY13	03-Sep-13 A	18-Nov-13	30-Sep-13	51.0w	50%	$1,433	$2,867
23611065a5			System Documentation - nA BPMs	04-Mar-14	27-Oct-14	27-Oct-14	4.8w	0%	$0	$9,435
23611065aa		H	System Documentation - BPMs FY14	03-Sep-13 A	18-Nov-13	07-Nov-13	51.0w	50%	$2,071	$4,141
23611065M		M	nA BPMs Comp		30-Oct-14	31-Oct-14	4.2w	0%	$0	$0
23611070		H	First Article Unit - Power Supplies/PC104/Timing Modules SPM BPMs	03-Sep-13 A	16-Sep-13	16-Sep-13		100%	$7,101	$7,101
23611075		H	Procurement Labor - Power Supplies/PC104/Timing Modules SPM BPMs FY	03-Sep-13 A	27-Nov-13	30-Sep-13	40.0w	50%	$735	$1,469
23611075a		H	Procurement Labor - Power Supplies/PC104/Timing Modules SPM BPMs FY	03-Sep-13 A	27-Nov-13	27-Nov-13	40.0w	50%	$1,592	$3,184
23611080		D	Procurement - Power Supplies/PC104/Timing Modules SPM BPMs	03-Sep-13 A	08-Jan-14	10-Jan-14	36.0w	35%	$7,311	$20,889
23611085	ST	S	Assembly Labor - Power Supplies/PC104/Timing Modules SPM BPMs Part A	16-Sep-13 A	27-Nov-13	27-Nov-13	31.4w	0%	$0	$15,623
23611085a		S	Assembly Labor - Power Supplies/PC104/Timing Modules SPM BPMs Part b	02-Dec-13	03-Feb-14	03-Feb-14	31.4w	0%	$0	$12,284
23611090		D	Assembly Procurement - Power Supplies/PC104/Timing Modules SPM BPMs	16-Sep-13 A	30-Jan-14	03-Feb-14	31.8w	25%	$426	$1,704
23611095		H	Installation Labor - Power Supplies/PC104/Timing Modules SPM BPMs Part	03-Sep-13 A	27-Nov-13	27-Nov-13	27.2w	50%	$527	$1,054
23611095a		H	Installation Labor - Power Supplies/PC104/Timing Modules SPM BPMs Part	03-Sep-13 A	27-Nov-13	03-Feb-14	22.0w	50%	$415	$829
23611100		D	Installation Procurement - Power Supplies/PC104/Timing Modules SPM BPM	01-Nov-13	04-Mar-14	03-Feb-14	10.4w	0%	$0	$1,917
23611913LO		E	FY13 Mngmnt Effort for BPMs	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$782	$782
23611914LO		E	FY14 Mngmnt Effort for BPMs Part A	01-Oct-13 A	27-Nov-13	27-Nov-13	13.4w	54.76%	$620	$1,133
23611914LO		E	FY14 Mngmnt Effort for BPMs Part B	02-Dec-13	26-Aug-14	26-Aug-14	13.4w	0%	$0	$4,148
1.3.6.1.2 HARPS				03-Sep-13 A	30-Sep-13	30-Sep-13			$19,311	$19,311
23612030	ST	S	Harp Sys Implementn Labor	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$10,722	$10,722
23612035		H	Harp Systems Software Implementn & Cmmssng	03-Sep-13 A	28-Sep-13	30-Sep-13		100%	$8,394	$8,394
23612035M		M	Harp Sys Comp		28-Sep-13	30-Sep-13		100%	$0	$0
23612913LO		E	FY13 Mngmnt Effort for Harps	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$195	$195
1.3.6.1.3 VIEWERS				03-Sep-13 A	27-Nov-13	02-Dec-13	15.0w		$17,026	$30,290
23613025a		H	Implementn of Viewer Syss Labor	03-Sep-13 A	27-Nov-13	30-Sep-13	3.8w	50%	$1,855	$3,709
23613030	ST	S	Software Implementn Viewer Systems	03-Sep-13 A	27-Nov-13	30-Sep-13	3.8w	30%	$4,890	$16,298
23613035M		M	Viewers Sys Comp		27-Nov-13	30-Sep-13	3.8w	0%	$0	$0
23613050		H	SLM System Controls	16-Sep-13 A	21-Oct-13 A	02-Dec-13		100%	$10,087	$10,087
23613913LO		E	FY13 Mngmnt Effort for Viewer Syss	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$195	$195
1.3.6.1.4 BEAM-BASED FEEDBACK SYSTEMS				04-Mar-14	19-Sep-14	22-Sep-14	10.0w		$0	$133,799
23614014			FFB Sys Prcrmnts	04-Mar-14	19-May-14	20-May-14	10.0w	0%	$0	$56,212
23614015			FFB Sys Fabriation & Assy	22-Apr-14	20-Jun-14	23-Jun-14	10.0w	0%	$0	$27,065
23614020			FFB Sys Component & VME Testing	22-Apr-14	20-Jun-14	23-Jun-14	22.6w	0%	$0	$11,587
23614025			FFB Sys Hardware Implementn	23-Jun-14	21-Jul-14	22-Jul-14	10.0w	0%	$0	$7,323
23614030			FFB Software Implementn	23-May-14	31-Jul-14	01-Aug-14	10.0w	0%	$0	$18,757
23614035			FFB Slow Lock Implementn	01-Aug-14	12-Sep-14	15-Sep-14	10.0w	0%	$0	$4,751
23614040			FFB Slow Lock & FFB Cmmssng	29-Aug-14	19-Sep-14	22-Sep-14	10.0w	0%	$0	$6,827
23614045M		M	FFB Sys Comp		19-Sep-14	22-Sep-14	10.0w	0%	$0	$0
23614050LO		E	FY14 Mngmnt Effort for FFB	04-Mar-14	18-Sep-14	19-Sep-14	10.2w	0%	$0	$1,278
1.3.6.3 CONTROL SYSTEM SOFTWARE				03-Sep-13 A	21-Oct-13 A	30-Sep-13			$20,281	$20,281

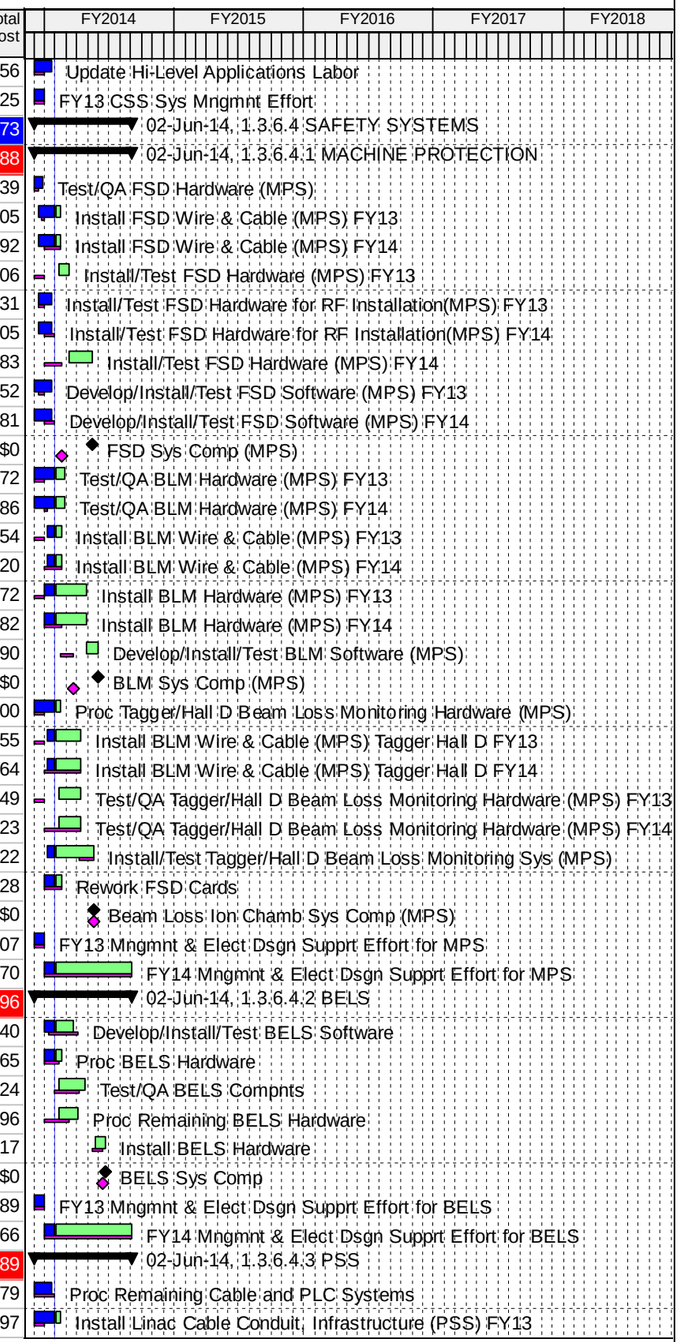


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

(c) Primavera Systems, Inc.

Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2363015aa	ST	S	Update Hi-Level Applications Labor	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$20,056	$20,056
2363913LOE		E	FY13 CSS Sys Mngmnt Effort	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$225	$225
1.3.6.4 SAFETY SYSTEMS				03-Sep-13 A	02-Jun-14	02-Jun-14	28.0w		$93,633	$414,173
1.3.6.4.1 MACHINE PROTECTION				03-Sep-13 A	02-Jun-14	02-Jun-14	28.0w		$43,901	$105,688
23641020	ST	S	Test/QA FSD Hardware (MPS)	03-Sep-13 A	27-Sep-13	13-Sep-13		100%	$1,639	$1,639
23641025	ST	S	Install FSD Wire & Cable (MPS) FY13	16-Sep-13 A	15-Nov-13	30-Sep-13	24.4w	25%	$551	$2,205
23641025a	ST	S	Install FSD Wire & Cable (MPS) FY14	16-Sep-13 A	15-Nov-13	15-Nov-13	24.4w	25%	$3,223	$12,892
23641030	ST	S	Install/Test FSD Hardware (MPS) FY13	11-Nov-13	10-Dec-13	30-Sep-13	14.0w	0%	$0	$2,506
23641030a	ST	S	Install/Test FSD Hardware for RF Installation(MPS) FY13	16-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,531	$1,531
23641030aa	ST	S	Install/Test FSD Hardware for RF Installation(MPS) FY14	16-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$3,305	$3,305
23641030b	ST	S	Install/Test FSD Hardware (MPS) FY14	11-Dec-13	12-Feb-14	20-Nov-13	14.0w	0%	$0	$4,783
23641040	ST	S	Develop/Install/Test FSD Software (MPS) FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,752	$1,752
23641040a	ST	S	Develop/Install/Test FSD Software (MPS) FY14	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$3,781	$3,781
23641045M		M	FSD Sys Comp (MPS)		12-Feb-14	20-Nov-13	14.0w	0%	$0	$0
23641055	ST	S	Test/QA BLM Hardware (MPS) FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	19.8w	25%	$568	$2,272
23641055a	ST	S	Test/QA BLM Hardware (MPS) FY14	03-Sep-13 A	27-Nov-13	07-Oct-13	19.8w	25%	$147	$586
23641060	ST	S	Install BLM Wire & Cable (MPS) FY13	08-Oct-13 A	20-Nov-13	30-Sep-13	19.0w	55.6%	$1,142	$2,054
23641060a	ST	S	Install BLM Wire & Cable (MPS) FY14	08-Oct-13 A	20-Nov-13	20-Nov-13	20.2w	55.6%	$2,179	$3,920
23641065	ST	S	Install BLM Hardware (MPS) FY13	01-Oct-13 A	27-Jan-14	30-Sep-13	11.6w	33.3%	$590	$1,772
23641065a	ST	S	Install BLM Hardware (MPS) FY14	01-Oct-13 A	27-Jan-14	20-Nov-13	11.6w	33.3%	$1,126	$3,382
23641075	ST	S	Develop/Install/Test BLM Software (MPS)	28-Jan-14	28-Feb-14	20-Dec-13	11.6w	0%	$0	$5,590
23641080M		M	BLM Sys Comp (MPS)		28-Feb-14	20-Dec-13	11.6w	0%	$0	$0
23641085	ST	S	Proc Tagger/Hall D Beam Loss Monitoring Hardware (MPS)	03-Sep-13 A	15-Nov-13	30-Sep-13	19.0w	66.6%	$5,328	$8,000
23641087	ST	S	Install BLM Wire & Cable (MPS) Tagger Hall D FY13	08-Oct-13 A	13-Jan-14	30-Sep-13	7.8w	55.6%	$3,144	$5,655
23641087a	ST	S	Install BLM Wire & Cable (MPS) Tagger Hall D FY14	08-Oct-13 A	13-Jan-14	13-Jan-14	7.8w	55.6%	$10,544	$18,964
23641090	ST	S	Test/QA Tagger/Hall D Beam Loss Monitoring Hardware (MPS) FY13	12-Nov-13	10-Jan-14	30-Sep-13	7.8w	0%	$0	$1,249
23641090a	ST	S	Test/QA Tagger/Hall D Beam Loss Monitoring Hardware (MPS) FY14	12-Nov-13	10-Jan-14	10-Jan-14	11.8w	0%	$0	$4,123
23641095	ST	S	Install/Test Tagger/Hall D Beam Loss Monitoring Sys (MPS)	11-Oct-13 A	18-Feb-14	17-Feb-14	7.8w	10%	$432	$4,322
23641100	ST	S	Rework FSD Cards	01-Oct-13 A	18-Nov-13	18-Nov-13	18.8w	40%	$1,651	$4,128
23641100M		M	Beam Loss Ion Chamb Sys Comp (MPS)		18-Feb-14	17-Feb-14	7.8w	0%	$0	$0
23641913LC		E	FY13 Mngmnt & Elect Dsgn Supprt Effort for MPS	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$607	$607
23641914LC		E	FY14 Mngmnt & Elect Dsgn Supprt Effort for MPS	01-Oct-13 A	02-Jun-14	02-Jun-14	28.4w	14.11%	$659	$4,670
1.3.6.4.2 BELS				03-Sep-13 A	02-Jun-14	02-Jun-14	28.0w		$1,021	$59,696
23642005	ST	S	Develop/Install/Test BELS Software	01-Oct-13 A	20-Dec-13	03-Jan-14	14.4w	0%	$0	$10,440
23642014	ST	S	Proc BELS Hardware	01-Oct-13 A	18-Nov-13	12-Nov-13	4.2w	0%	$0	$11,865
23642015	ST	S	Test/QA BELS Compnts	11-Nov-13	22-Jan-14	08-Jan-14	3.2w	0%	$0	$10,524
23642019	ST	S	Proc Remaining BELS Hardware	12-Nov-13	03-Jan-14	11-Dec-13	3.2w	0%	$0	$3,096
23642020	ST	S	Install BELS Hardware	20-Feb-14	21-Mar-14	14-Mar-14	3.2w	0%	$0	$19,517
23642030M		M	BELS Sys Comp		21-Mar-14	14-Mar-14	3.2w	0%	$0	$0
23642913LC		E	FY13 Mngmnt & Elect Dsgn Supprt Effort for BELS	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$489	$489
23642914LC		E	FY14 Mngmnt & Elect Dsgn Supprt Effort for BELS	01-Oct-13 A	02-Jun-14	02-Jun-14	28.4w	14.11%	$531	$3,766
1.3.6.4.3 PSS				03-Sep-13 A	02-Jun-14	02-Jun-14	28.0w		$48,711	$248,789
23643020b	ST	S	Proc Remaining Cable and PLC Systems	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$4,279	$4,279
23643045	ST	S	Install Linac Cable Conduit, Infrastructure (PSS) FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	17.6w	0%	$0	$4,797



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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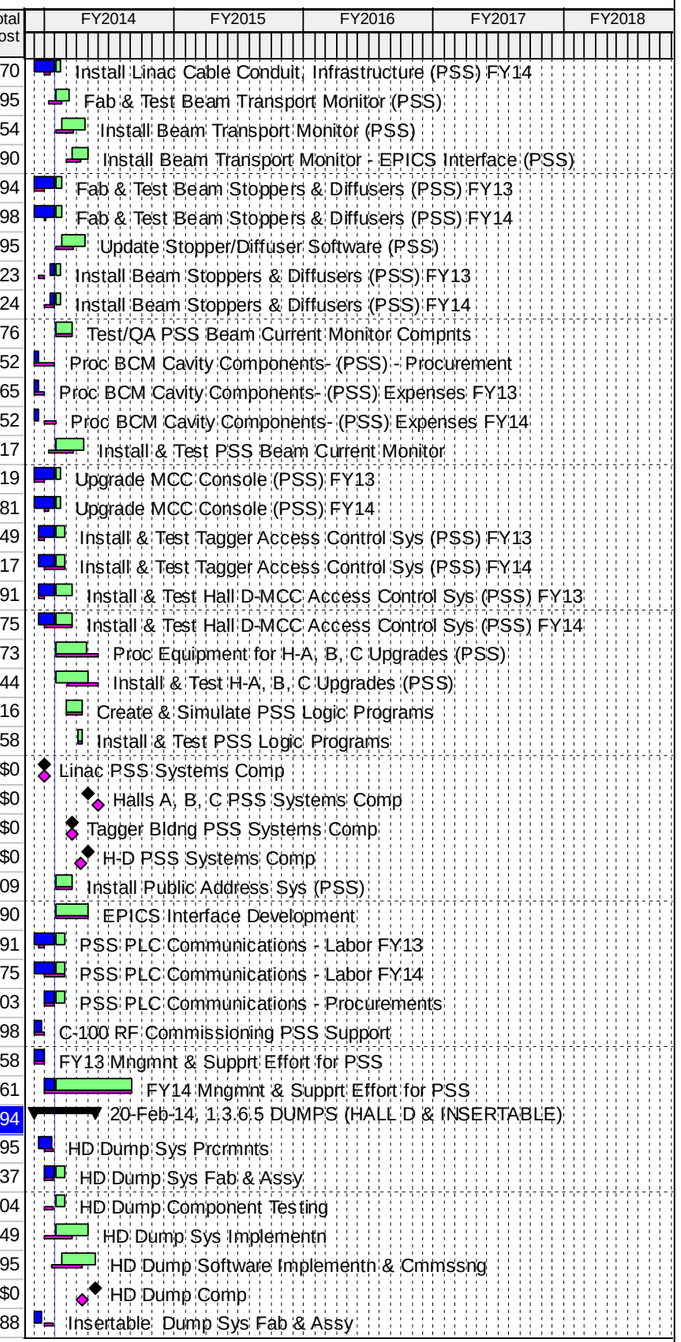
Activity ID	Activ with Step	EVM Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
23643045a	ST	S	Install Linac Cable Conduit, Infrastructure (PSS) FY14	03-Sep-13 A	15-Nov-13	16-Oct-13	17.6w	0%	$0	$2,970
23643065	ST	S	Fab & Test Beam Transport Monitor (PSS)	01-Nov-13	10-Dec-13	18-Nov-13	10.2w	0%	$0	$3,195
23643070	ST	S	Install Beam Transport Monitor (PSS)	21-Nov-13	22-Jan-14	20-Dec-13	10.2w	0%	$0	$23,954
23643070a	ST	S	Install Beam Transport Monitor - EPICS Interface (PSS)	20-Dec-13	31-Jan-14	10-Jan-14	10.2w	0%	$0	$11,390
23643100	ST	S	Fab & Test Beam Stoppers & Diffusers (PSS) FY13	03-Sep-13 A	20-Nov-13	30-Sep-13	20.2w	85.7%	$18,677	$21,794
23643100a	ST	S	Fab & Test Beam Stoppers & Diffusers (PSS) FY14	03-Sep-13 A	20-Nov-13	04-Oct-13	20.2w	85.7%	$3,854	$4,498
23643102	ST	S	Update Stopper/Diffuser Software (PSS)	21-Nov-13	22-Jan-14	20-Dec-13	21.4w	0%	$0	$2,795
23643105	ST	S	Install Beam Stoppers & Diffusers (PSS) FY13	17-Oct-13 A	15-Nov-13	30-Sep-13	19.0w	20%	$245	$1,223
23643105a	ST	S	Install Beam Stoppers & Diffusers (PSS) FY14	17-Oct-13 A	15-Nov-13	30-Oct-13	19.0w	20%	$505	$2,524
23643115	ST	S	Test/QA PSS Beam Current Monitor Compnts	01-Nov-13	16-Dec-13	16-Dec-13	14.4w	0%	$0	$1,276
23643117	ST	S	Proc BCM Cavity Components- (PSS) - Procurement	03-Sep-13 A	16-Sep-13	31-Oct-13		100%	$6,752	$6,752
23643117a	ST	S	Proc BCM Cavity Components- (PSS) Expenses FY13	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$465	$465
23643117b	ST	S	Proc BCM Cavity Components- (PSS) Expenses FY14	03-Sep-13 A	16-Sep-13	01-Nov-13		100%	$552	$552
23643120	ST	S	Install & Test PSS Beam Current Monitor	01-Nov-13	21-Jan-14	20-Dec-13	11.8w	0%	$0	$16,217
23643140	ST	S	Upgrade MCC Console (PSS) FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	19.0w	50%	$2,009	$4,019
23643140a	ST	S	Upgrade MCC Console (PSS) FY14	03-Sep-13 A	15-Nov-13	15-Oct-13	19.0w	50%	$1,140	$2,281
23643145	ST	S	Install & Test Tagger Access Control Sys (PSS) FY13	16-Sep-13 A	27-Nov-13	30-Sep-13	17.4w	0%	$0	$2,949
23643145a	ST	S	Install & Test Tagger Access Control Sys (PSS) FY14	16-Sep-13 A	27-Nov-13	27-Nov-13	17.4w	0%	$0	$11,617
23643145b	ST	S	Install & Test Hall D-MCC Access Control Sys (PSS) FY13	16-Sep-13 A	16-Dec-13	30-Sep-13	15.2w	0%	$0	$2,791
23643145ba	ST	S	Install & Test Hall D-MCC Access Control Sys (PSS) FY14	16-Sep-13 A	16-Dec-13	16-Dec-13	15.2w	0%	$0	$13,875
23643150	ST	S	Proc Equipment for H-A, B, C Upgrades (PSS)	04-Nov-13	28-Jan-14	28-Feb-14	8.2w	0%	$0	$7,473
23643155	ST	S	Install & Test H-A, B, C Upgrades (PSS)	01-Nov-13	30-Jan-14	28-Feb-14	7.8w	0%	$0	$8,644
23643160	ST	S	Create & Simulate PSS Logic Programs	03-Dec-13	15-Jan-14	15-Jan-14	12.4w	0%	$0	$9,016
23643165	ST	S	Install & Test PSS Logic Programs	02-Jan-14	15-Jan-14	15-Jan-14	12.4w	0%	$0	$11,458
23643170M		M	Linac PSS Systems Comp		30-Sep-13	30-Sep-13		100%	$0	$0
23643175M		M	Halls A, B, C PSS Systems Comp		30-Jan-14	28-Feb-14	7.8w	0%	$0	$0
23643180M		M	Tagger Bldng PSS Systems Comp		16-Dec-13	16-Dec-13	15.2w	0%	$0	$0
23643185M		M	H-D PSS Systems Comp		31-Jan-14	10-Jan-14	10.2w	0%	$0	$0
23643205	ST	S	Install Public Address Sys (PSS)	04-Nov-13	16-Dec-13	16-Dec-13	15.2w	0%	$0	$4,209
23643280	ST	S	EPICS Interface Development	04-Nov-13	31-Jan-14	31-Jan-14	10.2w	0%	$0	$11,390
23643350	ST	S	PSS PLC Communications - Labor FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	24.8w	0%	$0	$1,491
23643350a	ST	S	PSS PLC Communications - Labor FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	24.8w	0%	$0	$5,875
23643355	ST	S	PSS PLC Communications - Procurements	03-Oct-13 A	27-Nov-13	31-Oct-13	20.6w	0%	$0	$9,803
23643360	ST	S	C-100 RF Commissioning PSS Support	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$2,998	$2,998
23643913LC		E	FY13 Mngmnt & Supprt Effort for PSS	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,458	$3,458
23643914LC		E	FY14 Mngmnt & Supprt Effort for PSS	01-Oct-13 A	02-Jun-14	02-Jun-14	28.4w	14.11%	$3,776	$26,761
1.3.6.5 DUMPS (HALL D & INSERTABLE)				03-Sep-13 A	20-Feb-14	17-Jan-14	7.4w		$20,079	$51,594
2365014		D	HD Dump Sys Prcrmnts	16-Sep-13 A	21-Oct-13 A	25-Oct-13		100%	$7,695	$7,695
2365015		H	HD Dump Sys Fab & Assy	01-Oct-13 A	27-Nov-13	25-Oct-13	7.4w	50%	$5,268	$10,537
2365020		H	HD Dump Component Testing	01-Nov-13	27-Nov-13	25-Oct-13	7.4w	0%	$0	$5,904
2365025		S	HD Dump Sys Implementn	01-Nov-13	30-Jan-14	17-Dec-13	7.4w	0%	$0	$11,749
2365030		S	HD Dump Software Implementn & Cmmssng	21-Nov-13	20-Feb-14	17-Jan-14	7.4w	0%	$0	$8,595
2365035M		M	HD Dump Comp		20-Feb-14	17-Jan-14	7.4w	0%	$0	$0
2365045		H	Insertable Dump Sys Fab & Assy	03-Sep-13 A	23-Sep-13	25-Oct-13		100%	$4,288	$4,288



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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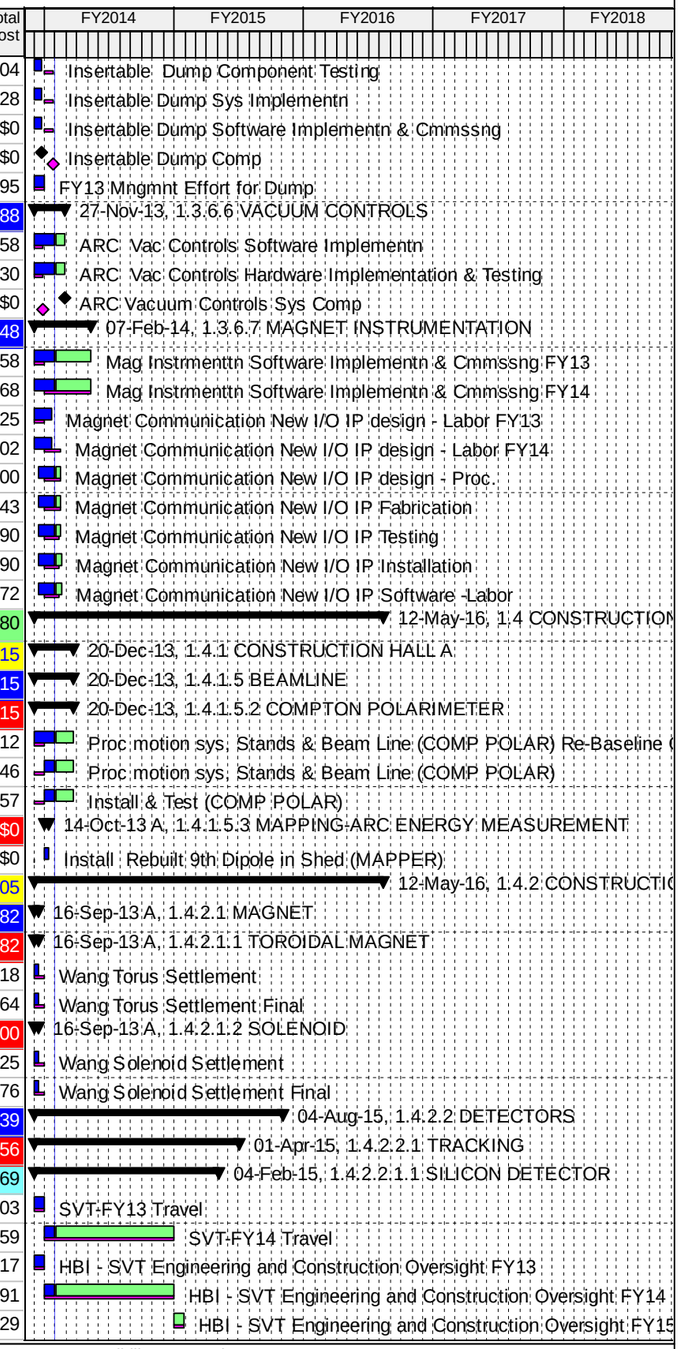
Activity ID	Activ with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2365050		H	Insertable Dump Component Testing	03-Sep-13 A	23-Sep-13	25-Oct-13		100%	$1,504	$1,504
2365055		H	Insertable Dump Sys Implementn	03-Sep-13 A	23-Sep-13	25-Oct-13		100%	$1,128	$1,128
2365060		Z	Insertable Dump Software Implementn & Cmmssng	03-Sep-13 A	23-Sep-13	25-Oct-13		100%	$0	$0
2365065M		M	Insertable Dump Comp		23-Sep-13	25-Oct-13		100%	$0	$0
2365913LOE		E	FY13 Mngmnt Effort for Dump	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$195	$195
1.3.6.6 VACUUM CONTROLS				03-Sep-13 A	27-Nov-13	27-Sep-13	17.6w		$2,979	$16,888
2366050a		H	ARC Vac Controls Software Implementn	03-Sep-13 A	27-Nov-13	27-Sep-13	17.4w	50%	$2,979	$5,958
2366051	ST	S	ARC Vac Controls Hardware Implementation & Testing	03-Sep-13 A	27-Nov-13	27-Sep-13	17.4w	0%	$0	$10,930
2366055M		M	ARC Vacuum Controls Sys Comp		27-Nov-13	27-Sep-13	17.4w	0%	$0	$0
1.3.6.7 MAGNET INSTRUMENTATION				03-Sep-13 A	07-Feb-14	07-Feb-14	18.2w		$22,870	$43,248
2367025a	ST	S	Mag Instrmenttn Software Implementn & Cmmssng FY13	03-Sep-13 A	07-Feb-14	30-Sep-13	9.2w	70%	$1,580	$2,258
2367025aa	ST	S	Mag Instrmenttn Software Implementn & Cmmssng FY14	03-Sep-13 A	07-Feb-14	07-Feb-14	9.2w	70%	$6,768	$9,668
2367030		H	Magnet Communication New I/O IP design - Labor FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$425	$425
2367030a		H	Magnet Communication New I/O IP design - Labor FY14	03-Sep-13 A	21-Oct-13 A	13-Nov-13		100%	$702	$702
2367035		D	Magnet Communication New I/O IP design - Proc.	16-Sep-13 A	15-Nov-13	13-Nov-13	28.2w	13%	$598	$4,600
2367040		H	Magnet Communication New I/O IP Fabrication	16-Sep-13 A	15-Nov-13	13-Nov-13	24.2w	50%	$4,622	$9,243
2367045		H	Magnet Communication New I/O IP Testing	16-Sep-13 A	15-Nov-13	12-Nov-13	20.2w	50%	$2,345	$4,690
2367050		H	Magnet Communication New I/O IP Installation	16-Sep-13 A	18-Nov-13	11-Nov-13	16.2w	50%	$2,345	$4,690
2367055		H	Magnet Communication New I/O IP Software -Labor	16-Sep-13 A	18-Nov-13	11-Nov-13	18.0w	50%	$3,486	$6,972
1.4 CONSTRUCTION UPGRADE HALLS A, B, & C				03-Sep-13 A	12-May-16	03-Feb-16	69.0w		$3,966,190	$35,722,880
1.4.1 CONSTRUCTION HALL A				03-Sep-13 A	20-Dec-13	30-Sep-13	9.2w		$0	$9,515
1.4.1.5 BEAMLINE				03-Sep-13 A	20-Dec-13	30-Sep-13	9.2w		$0	$9,515
1.4.1.5.2 COMPTON POLARIMETER				03-Sep-13 A	20-Dec-13	30-Sep-13	9.2w		$0	$9,515
24152015	ST	S	Proc motion sys, Stands & Beam Line (COMP POLAR) Re-Baseline Obligati	03-Sep-13 A	20-Dec-13	30-Sep-13	9.0w	0%	$0	$12
24152020	ST	S	Proc motion sys, Stands & Beam Line (COMP POLAR)	01-Oct-13 A	20-Dec-13	30-Sep-13	9.0w	0%	$0	$3,846
24152025	ST	S	Install & Test (COMP POLAR)	01-Oct-13 A	20-Dec-13	30-Sep-13	7.8w	0%	$0	$5,657
1.4.1.5.3 MAPPING-ARC ENERGY MEASUREMENT				01-Oct-13 A	14-Oct-13 A	03-Sep-13			$0	$0
24153020		Z	Install Rebuilt 9th Dipole in Shed (MAPPER)	01-Oct-13 A	14-Oct-13 A	03-Sep-13		100%	$0	$0
1.4.2 CONSTRUCTION HALL B				03-Sep-13 A	12-May-16	28-Jan-16	69.0w		$2,466,016	$23,258,405
1.4.2.1 MAGNET				03-Sep-13 A	16-Sep-13	30-Sep-13			$961,782	$961,782
1.4.2.1.1 TOROIDAL MAGNET				03-Sep-13 A	16-Sep-13	30-Sep-13			$638,782	$638,782
24211090		D	Wang Torus Settlement	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$217,518	$217,518
24211095		D	Wang Torus Settlement Final	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$421,264	$421,264
1.4.2.1.2 SOLENOID				03-Sep-13 A	16-Sep-13	30-Sep-13			$323,000	$323,000
24212000		D	Wang Solenoid Settlement	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$36,925	$36,925
24212005		D	Wang Solenoid Settlement Final	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$286,076	$286,076
1.4.2.2 DETECTORS				03-Sep-13 A	04-Aug-15	04-Aug-15	107.0w		$310,059	$4,344,339
1.4.2.2.1 TRACKING				03-Sep-13 A	01-Apr-15	01-Apr-15	124.2w		$197,071	$2,304,656
1.4.2.2.1.1 SILICON DETECTOR				03-Sep-13 A	04-Feb-15	12-Dec-14	132.0w		$115,626	$1,791,469
242211013E		E	SVT-FY13 Travel	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$4,503	$4,503
242211014E		E	SVT-FY14 Travel	01-Oct-13 A	30-Sep-14	30-Sep-14	143.8w	9.31%	$3,190	$34,259
242211130		E	HBI - SVT Engineering and Construction Oversight FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$7,517	$7,517
242211140		E	HBI - SVT Engineering and Construction Oversight FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	143.8w	9.31%	$6,646	$71,391
242211145		E	HBI - SVT Engineering and Construction Oversight FY15	01-Oct-14	31-Oct-14	31-Oct-14	143.8w	0%	$0	$12,029



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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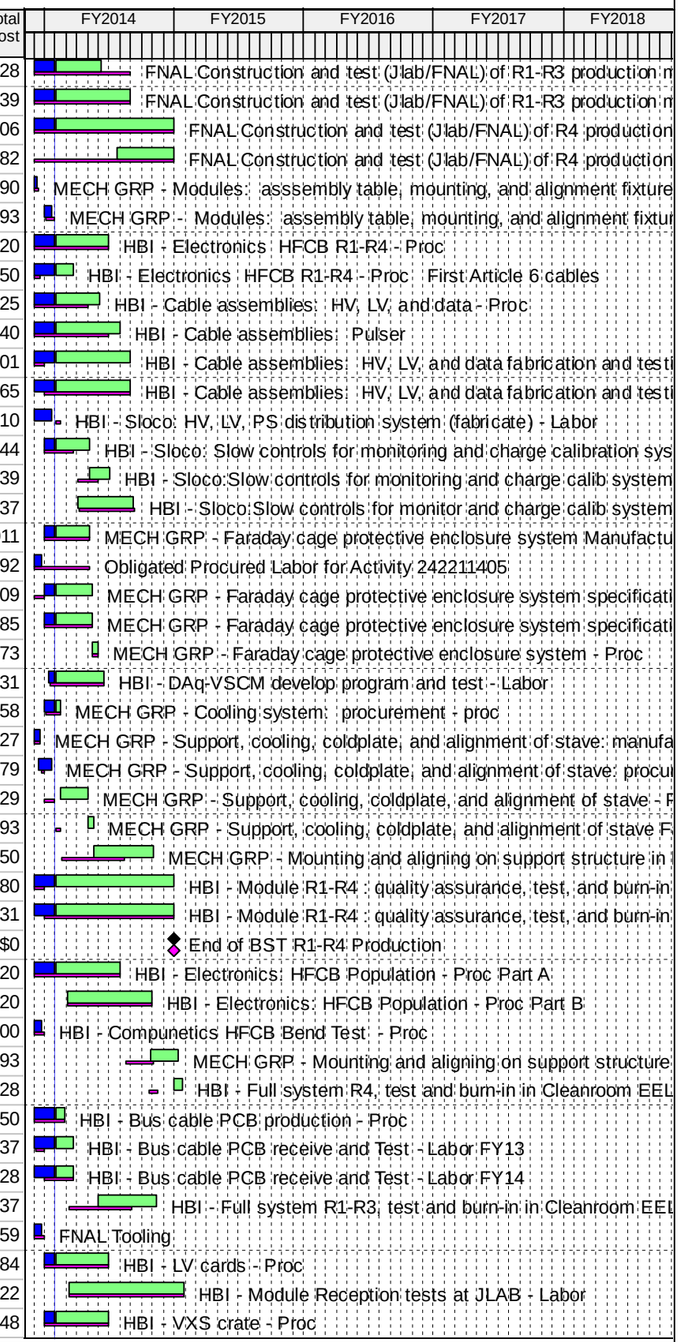
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242211160t		D	FNAL Construction and test (Jlab/FNAL) of R1-R3 production modules (60 m	03-Sep-13 A	11-Mar-14	30-May-14	65.8w	85%	$19,404	$22,828
242211160u		D	FNAL Construction and test (Jlab/FNAL) of R1-R3 production modules (60 m	03-Sep-13 A	30-May-14	30-May-14	55.4w	0%	$0	$222,139
242211160w		D	FNAL Construction and test (Jlab/FNAL) of R4 production modules Phase 1	03-Sep-13 A	30-Sep-14	30-Sep-14	61.0w	0%	$0	$46,506
242211160v		D	FNAL Construction and test (Jlab/FNAL) of R4 production modules Phase 2	23-Apr-14	30-Sep-14	30-Sep-14	61.0w	0%	$0	$63,582
242211335		D	MECH GRP - Modules: asssembly table, mounting, and alignment fixture pro	03-Sep-13 A	10-Sep-13	13-Sep-13		100%	$1,290	$1,290
242211340		H	MECH GRP - Modules: assembly table, mounting, and alignment fixture cor	01-Oct-13 A	21-Oct-13 A	31-Oct-13		100%	$1,893	$1,893
242211360		U	HBI - Electronics HFCB R1-R4 - Proc	03-Sep-13 A	31-Mar-14	31-Mar-14	61.0w	0%	$0	$101,920
242211361		U	HBI - Electronics HFCB R1-R4 - Proc First Article 6 cables	03-Sep-13 A	20-Dec-13	20-Sep-13	94.0w	0%	$0	$7,350
242211365a		U	HBI - Cable assemblies: HV, LV, and data - Proc	03-Sep-13 A	05-Mar-14	31-Jan-14	60.0w	13.37%	$10,820	$80,925
242211367		U	HBI - Cable assemblies: Pulser	03-Sep-13 A	01-May-14	31-Mar-14	51.8w	0%	$0	$19,640
242211370	ST	S	HBI - Cable assemblies: HV, LV, and data fabrication and testing R1-R4 - La	03-Sep-13 A	30-May-14	30-Sep-13	49.8w	12%	$120	$1,001
242211370a	ST	S	HBI - Cable assemblies: HV, LV, and data fabrication and testing R1-R4 - La	03-Sep-13 A	30-May-14	30-May-14	49.8w	12%	$1,004	$8,365
242211380		H	HBI - Sloco: HV, LV, PS distribution system (fabricate) - Labor	03-Sep-13 A	21-Oct-13 A	15-Nov-13		100%	$1,410	$1,410
242211390		D	HBI - Sloco: Slow controls for monitoring and charge calibration system: cor	01-Oct-13 A	04-Feb-14	20-Dec-13	70.8w	1.86%	$1,258	$67,644
242211395	ST	S	HBI - Sloco:Slow controls for monitoring and charge calib system: assemble,	05-Feb-14	03-Apr-14	03-Mar-14	70.8w	0%	$0	$19,539
242211400a	ST	S	HBI - Sloco:Slow controls for monitor and charge calib system: develop sloc	03-Jan-14	06-Jun-14	10-Jun-14	61.8w	0%	$0	$28,937
242211405	ST	S	MECH GRP - Faraday cage protective enclosure system Manufacturing Draw	01-Oct-13 A	03-Feb-14	03-Feb-14	62.4w	15%	$587	$3,911
242211405a		D	Obligated Procured Labor for Activity 242211405	03-Sep-13 A	23-Sep-13	03-Feb-14		100%	$1,792	$1,792
242211410		H	MECH GRP - Faraday cage protective enclosure system specifications and p	01-Oct-13 A	13-Feb-14	30-Sep-13	59.8w	50%	$54	$109
242211410a		H	MECH GRP - Faraday cage protective enclosure system specifications and p	01-Oct-13 A	13-Feb-14	13-Feb-14	59.8w	50%	$243	$485
242211415		D	MECH GRP - Faraday cage protective enclosure system - Proc	14-Feb-14	03-Mar-14	03-Mar-14	59.8w	0%	$0	$12,973
242211445	ST	S	HBI - DAq-VSCM develop program and test - Labor	15-Oct-13 A	18-Mar-14	18-Mar-14	49.8w	8%	$1,442	$18,031
242211460		D	MECH GRP - Cooling system: procurement - proc	01-Oct-13 A	15-Nov-13	15-Nov-13	51.0w	4.67%	$381	$8,158
242211465	ST	S	MECH GRP - Support, cooling, coldplate, and alignment of stave: manufactu	03-Sep-13 A	20-Sep-13	20-Sep-13		100%	$5,927	$5,927
242211470		H	MECH GRP - Support, cooling, coldplate, and alignment of stave: procureme	16-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$579	$579
242211475		D	MECH GRP - Support, cooling, coldplate, and alignment of stave - Proc	15-Nov-13	31-Jan-14	31-Oct-13	40.0w	0%	$0	$26,129
242211480	ST	S	MECH GRP - Support, cooling, coldplate, and alignment of stave Faraday Ca	03-Feb-14	17-Feb-14	15-Nov-13	40.0w	0%	$0	$16,193
242211485	ST	S	MECH GRP - Mounting and aligning on support structure in lab, R1-R3 - Labc	18-Feb-14	04-Aug-14	15-May-14	40.0w	0%	$0	$27,550
242211490		U	HBI - Module R1-R4 : quality assurance, test, and burn-in at FNAL - Labor FY	03-Sep-13 A	30-Sep-14	30-Sep-13	45.8w	8.33%	$881	$10,580
242211490a		U	HBI - Module R1-R4 : quality assurance, test, and burn-in at FNAL - Labor FY	03-Sep-13 A	30-Sep-14	30-Sep-14	45.8w	8.33%	$11,231	$134,831
242211495M		M	End of BST R1-R4 Production		30-Sep-14	30-Sep-14	45.8w	0%	$0	$0
242211515		U	HBI - Electronics: HFCB Population - Proc Part A	03-Sep-13 A	30-Apr-14	30-Apr-14	102.4w	9.32%	$2,285	$24,520
242211520		U	HBI - Electronics: HFCB Population - Proc Part B	04-Dec-13	31-Jul-14	31-Jul-14	61.0w	0%	$0	$34,620
242211530		D	HBI - Compunetics HFCB Bend Test - Proc	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$200	$200
242211545	ST	S	MECH GRP - Mounting and aligning on support structure in lab, R4 - Labor	29-Jul-14	13-Oct-14	04-Aug-14	40.0w	0%	$0	$16,193
242211600	ST	S	HBI - Full system R4, test and burn-in in Cleanroom EEL 121 - Labor	30-Sep-14	27-Oct-14	18-Aug-14	42.0w	0%	$0	$26,128
242211605		D	HBI - Bus cable PCB production - Proc	03-Sep-13 A	27-Nov-13	27-Nov-13	90.0w	20.87%	$4,706	$22,550
242211610		H	HBI - Bus cable PCB receive and Test - Labor FY13	03-Sep-13 A	20-Dec-13	30-Sep-13	81.8w	50%	$219	$437
242211610a		H	HBI - Bus cable PCB receive and Test - Labor FY14	03-Sep-13 A	20-Dec-13	20-Dec-13	81.8w	50%	$714	$1,428
242211615	ST	S	HBI - Full system R1-R3, test and burn-in in Cleanroom EEL 121 - Labor	28-Feb-14	11-Aug-14	02-Jun-14	40.0w	0%	$0	$48,337
242211620		D	FNAL Tooling	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$6,259	$6,259
242211635		D	HBI - LV cards - Proc	01-Oct-13 A	31-Mar-14	31-Mar-14	71.4w	0%	$0	$50,584
242211645		U	HBI - Module Reception tests at JLAB - Labor	09-Dec-13	31-Oct-14	31-Oct-14	53.8w	0%	$0	$33,822
242211655		U	HBI - VXS crate - Proc	01-Oct-13 A	31-Mar-14	31-Mar-14	71.4w	0%	$0	$11,348



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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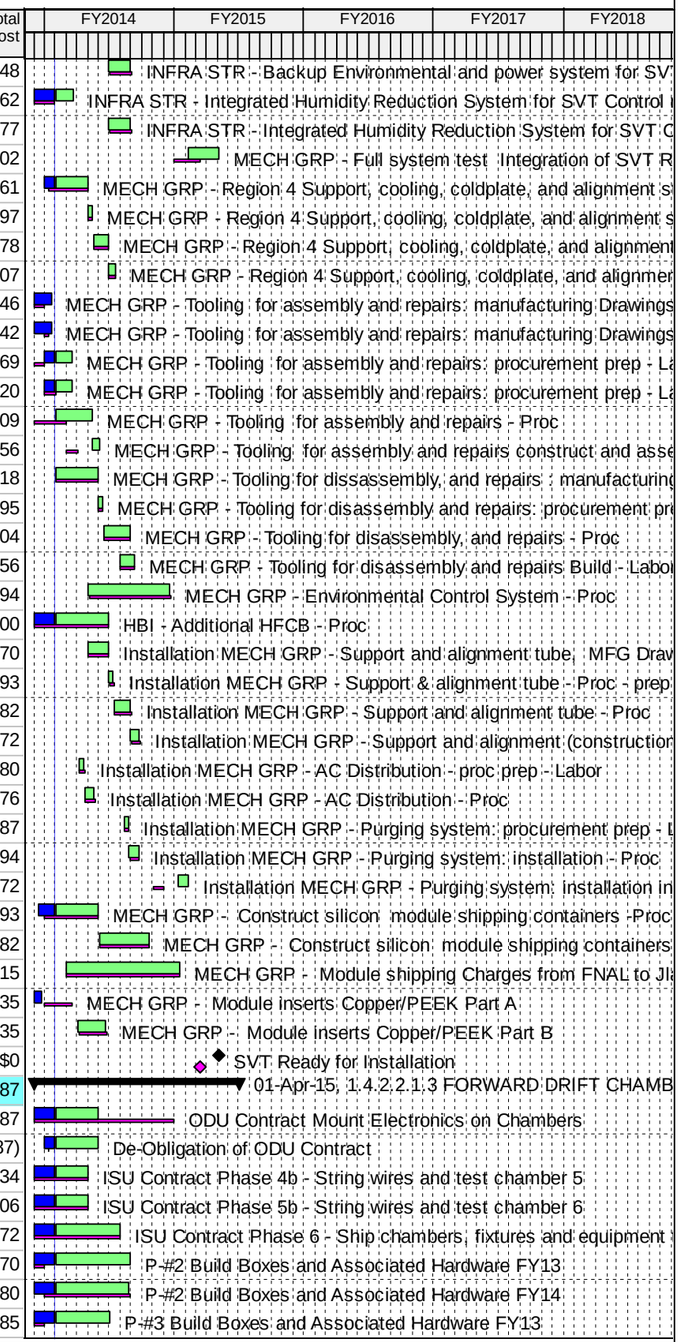
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242211660		D	INFRA STR - Backup Environmental and power system for SVT Clean Room	01-Apr-14	30-May-14	02-Jun-14	62.8w	0%	$0	$6,448
242211670		D	INFRA STR - Integrated Humidity Reduction System for SVT Control room - F	03-Sep-13 A	20-Dec-13	31-Oct-13	83.8w	31.87%	$3,817	$4,662
242211675		D	INFRA STR - Integrated Humidity Reduction System for SVT Control room - F	01-Apr-14	30-May-14	02-Jun-14	62.8w	0%	$0	$8,777
242211680	ST	S	MECH GRP - Full system test Integration of SVT R3/R4 - Labor	11-Nov-14	04-Feb-15	12-Dec-14	40.0w	0%	$0	$38,802
242211685	ST	S	MECH GRP - Region 4 Support, cooling, coldplate, and alignment structure:	01-Oct-13 A	31-Jan-14	31-Jan-14	53.8w	15%	$2,844	$18,961
242211690		H	MECH GRP - Region 4 Support, cooling, coldplate, and alignment structure:	03-Feb-14	14-Feb-14	14-Feb-14	53.8w	0%	$0	$597
242211695		D	MECH GRP - Region 4 Support, cooling, coldplate, and alignment structure:	17-Feb-14	31-Mar-14	31-Mar-14	53.8w	0%	$0	$18,378
242211700	ST	S	MECH GRP - Region 4 Support, cooling, coldplate, and alignment structure:	01-Apr-14	18-Apr-14	18-Apr-14	53.8w	0%	$0	$12,407
242211705		H	MECH GRP - Tooling for assembly and repairs: manufacturing Drawings - La	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$3,246	$3,246
242211705a		H	MECH GRP - Tooling for assembly and repairs: manufacturing Drawings - La	03-Sep-13 A	21-Oct-13 A	15-Oct-13		100%	$1,842	$1,842
242211710		H	MECH GRP - Tooling for assembly and repairs: procurement prep - Labor FY	01-Oct-13 A	19-Dec-13	30-Sep-13	42.8w	50%	$135	$269
242211710a		H	MECH GRP - Tooling for assembly and repairs: procurement prep - Labor FY	01-Oct-13 A	19-Dec-13	01-Nov-13	42.9w	50%	$160	$320
242211715		D	MECH GRP - Tooling for assembly and repairs - Proc	01-Nov-13	11-Feb-14	02-Dec-13	42.8w	0%	$0	$8,309
242211720	ST	S	MECH GRP - Tooling for assembly and repairs construct and assemble - Lat	12-Feb-14	04-Mar-14	02-Jan-14	42.8w	0%	$0	$14,256
242211725	ST	S	MECH GRP - Tooling for dissassembly, and repairs : manufacturing Drawings	01-Nov-13	28-Feb-14	28-Feb-14	71.0w	0%	$0	$18,918
242211730		H	MECH GRP - Tooling for disassembly and repairs: procurement prep - Labor	03-Mar-14	14-Mar-14	14-Mar-14	71.0w	0%	$0	$1,195
242211735		D	MECH GRP - Tooling for disassembly, and repairs - Proc	17-Mar-14	30-May-14	30-May-14	71.0w	0%	$0	$12,104
242211740	ST	S	MECH GRP - Tooling for disassembly and repairs Build - Labor	02-May-14	13-Jun-14	13-Jun-14	71.0w	0%	$0	$14,256
242211745		D	MECH GRP - Environmental Control System - Proc	03-Feb-14	18-Sep-14	22-Sep-14	47.4w	0%	$0	$24,794
242211755		D	HBI - Additional HFCB - Proc	03-Sep-13 A	31-Mar-14	31-Mar-14	81.6w	0%	$0	$39,100
242211800	ST	S	Installation MECH GRP - Support and alignment tube, MFG Drawings - Lab	30-Jan-14	28-Mar-14	01-Apr-14	59.2w	0%	$0	$13,370
242211805		H	Installation MECH GRP - Support & alignment tube - Proc - prep - Labor	31-Mar-14	11-Apr-14	15-Apr-14	59.2w	0%	$0	$1,893
242211810		D	Installation MECH GRP - Support and alignment tube - Proc	14-Apr-14	29-May-14	02-Jun-14	59.2w	0%	$0	$16,482
242211815		H	Installation MECH GRP - Support and alignment (construction) - Labor	30-May-14	25-Jun-14	27-Jun-14	59.2w	0%	$0	$6,772
242211825		H	Installation MECH GRP - AC Distribution - proc prep - Labor	07-Jan-14	21-Jan-14	23-Jan-14	87.2w	0%	$0	$1,880
242211830		D	Installation MECH GRP - AC Distribution - Proc	22-Jan-14	19-Feb-14	21-Feb-14	87.2w	0%	$0	$8,076
242211860		H	Installation MECH GRP - Purging system: procurement prep - Labor	13-May-14	27-May-14	28-May-14	55.2w	0%	$0	$2,987
242211865		D	Installation MECH GRP - Purging system: installation - Proc	28-May-14	25-Jun-14	26-Jun-14	55.2w	0%	$0	$5,494
242211870		H	Installation MECH GRP - Purging system: installation in clean room- Labor	14-Oct-14	10-Nov-14	02-Sep-14	40.0w	0%	$0	$6,772
242211875		D	MECH GRP - Construct silicon module shipping containers -Proc Part A	16-Sep-13 A	28-Feb-14	28-Feb-14	69.4w	19.61%	$4,293	$21,893
242211875a		D	MECH GRP - Construct silicon module shipping containers -Proc Part B	04-Mar-14	21-Jul-14	22-Jul-14	49.6w	0%	$0	$30,982
242211876		D	MECH GRP - Module shipping Charges from FNAL to Jlab - Proc	02-Dec-13	15-Oct-14	15-Oct-14	46.6w	0%	$0	$13,415
242211885		D	MECH GRP - Module inserts Copper/PEEK Part A	03-Sep-13 A	23-Sep-13	17-Dec-13		100%	$2,735	$2,735
242211890		D	MECH GRP - Module inserts Copper/PEEK Part B	03-Jan-14	20-Mar-14	24-Mar-14	123.0w	0%	$0	$42,735
242211918M		M	SVT Ready for Installation		04-Feb-15	12-Dec-14	40.0w	0%	$0	$0
1.4.2.2.1.3 FORWARD DRIFT CHAMBERS				03-Sep-13 A	01-Apr-15	01-Apr-15	97.6w		$81,445	$513,187
242213073		D	ODU Contract Mount Electronics on Chambers	03-Sep-13 A	28-Feb-14	30-Sep-14	149.8w	12%	$14,698	$122,487
242213078	NB	D	De-Obligation of ODU Contract	01-Oct-13 A	28-Feb-14	15-Oct-13	149.8w	55.6%	($26,403)	($47,487)
242213092		D	ISU Contract Phase 4b - String wires and test chamber 5	03-Sep-13 A	31-Jan-14	31-Jan-14	94.0w	25%	$4,084	$16,334
242213097		D	ISU Contract Phase 5b - String wires and test chamber 6	03-Sep-13 A	31-Jan-14	31-Jan-14	85.4w	25%	$9,726	$38,906
242213100		D	ISU Contract Phase 6 - Ship chambers, fixtures and equipment to JLab	03-Sep-13 A	30-Apr-14	30-Apr-14	76.8w	0%	$0	$88,172
242213133C		H	P-#2 Build Boxes and Associated Hardware FY13	03-Sep-13 A	29-May-14	30-Sep-13	139.0w	50%	$35	$70
242213133(		H	P-#2 Build Boxes and Associated Hardware FY14	03-Sep-13 A	28-May-14	29-May-14	139.2w	50%	$290	$580
242213232		H	P-#3 Build Boxes and Associated Hardware FY13	03-Sep-13 A	02-Apr-14	30-Sep-13	145.2w	50%	$43	$85



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TASK filter: RESP - Responsibility to use After ReBas.

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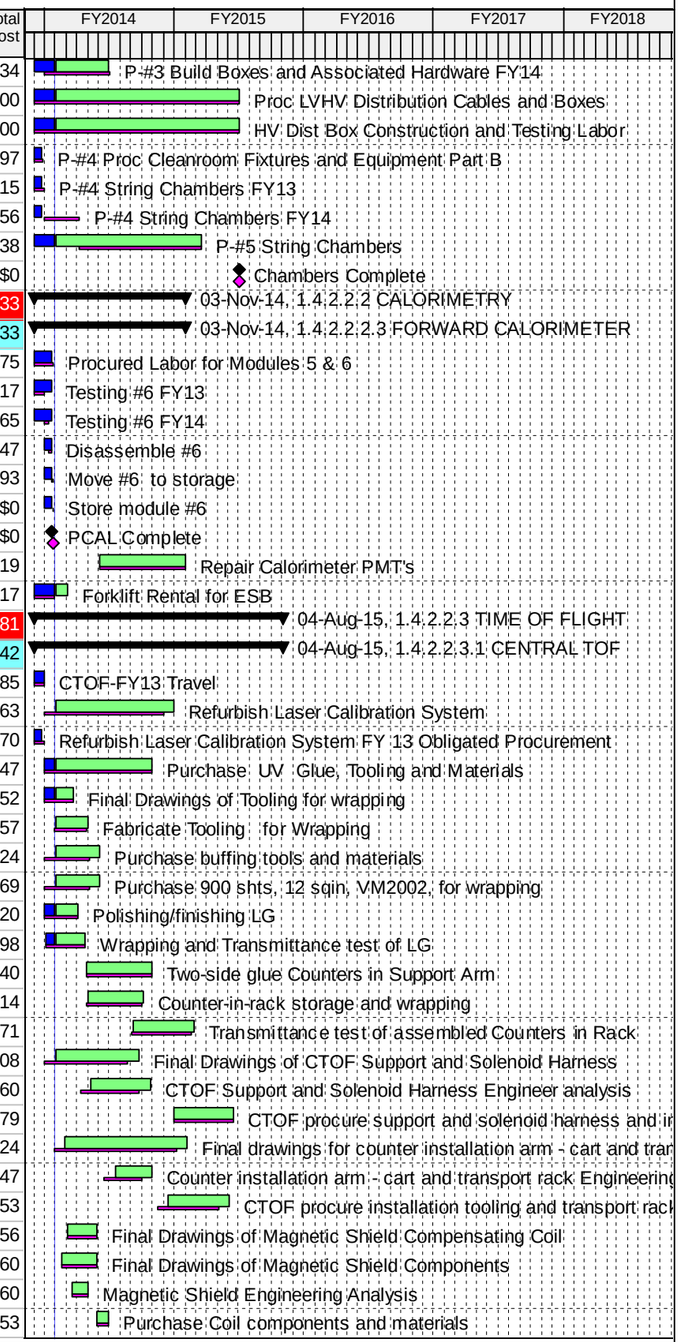
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242213232a		H	P-#3 Build Boxes and Associated Hardware FY14	03-Sep-13 A	01-Apr-14	02-Apr-14	145.4w	50%	$267	$534
242213330f		D	Proc LVHV Distribution Cables and Boxes	03-Sep-13 A	01-Apr-15	01-Apr-15	96.0w	25%	$16,250	$65,000
242213331		U	HV Dist Box Construction and Testing Labor	03-Sep-13 A	01-Apr-15	01-Apr-15	96.0w	50%	$1,950	$3,900
242213335f		D	P-#4 Proc Cleanroom Fixtures and Equipment Part B	03-Sep-13 A	24-Sep-13	27-Sep-13		100%	$197	$197
242213342		U	P-#4 String Chambers FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$2,115	$2,115
242213342a		U	P-#4 String Chambers FY14	03-Sep-13 A	23-Sep-13	07-Jan-14		100%	$6,656	$6,656
242213347	ST	S	P-#5 String Chambers	03-Sep-13 A	19-Dec-14	19-Dec-14	108.8w	23.9%	$51,537	$215,638
242213355M		M	Chambers Complete		01-Apr-15	01-Apr-15	96.0w	0%	$0	$0
1.4.2.2.2 CALORIMETRY				03-Sep-13 A	03-Nov-14	04-Nov-14	56.2w		$18,097	$29,233
1.4.2.2.2.3 FORWARD CALORIMETER				03-Sep-13 A	03-Nov-14	04-Nov-14	56.2w		$18,097	$29,233
242223312		U	Procured Labor for Modules 5 & 6	03-Sep-13 A	21-Oct-13 A	25-Oct-13		100%	$4,375	$4,375
242223520		U	Testing #6 FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$6,717	$6,717
242223520a		U	Testing #6 FY14	03-Sep-13 A	21-Oct-13 A	14-Oct-13		100%	$3,465	$3,465
242223525		H	Disassemble #6	01-Oct-13 A	21-Oct-13 A	22-Oct-13		100%	$1,647	$1,647
242223530		H	Move #6 to storage	01-Oct-13 A	21-Oct-13 A	24-Oct-13		100%	$1,893	$1,893
242223562		Z	Store module #6	01-Oct-13 A	21-Oct-13 A	25-Oct-13		100%	$0	$0
242223563M		M	PCAL Complete		21-Oct-13 A	25-Oct-13		100%	$0	$0
242223570		U	Repair Calorimeter PMT's	04-Mar-14	03-Nov-14	04-Nov-14	56.0w	0%	$0	$10,319
242223575		U	Forklift Rental for ESB	03-Sep-13 A	05-Dec-13	31-Oct-13	101.0w	0%	$0	$817
1.4.2.2.3 TIME OF FLIGHT				03-Sep-13 A	04-Aug-15	04-Aug-15	23.8w		$40,302	$844,081
1.4.2.2.3.1 CENTRAL TOF				03-Sep-13 A	04-Aug-15	04-Aug-15	9.2w		$4,117	$678,842
242231013E		E	CTOF-FY13 Travel	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$485	$485
242231115		U	Refurbish Laser Calibration System	01-Nov-13	01-Oct-14	02-Sep-14	50.2w	0%	$0	$24,863
242231120		U	Refurbish Laser Calibration System FY 13 Obligated Procurement	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$70	$70
242231125		D	Purchase UV Glue, Tooling and Materials	01-Oct-13 A	31-Jul-14	31-Jul-14	34.8w	5%	$67	$1,347
242231140		H	Final Drawings of Tooling for wrapping	01-Oct-13 A	20-Dec-13	20-Dec-13	24.2w	50%	$1,026	$2,052
242231145	ST	S	Fabricate Tooling for Wrapping	01-Nov-13	31-Jan-14	28-Jan-14	23.6w	0%	$0	$4,457
242231200		D	Purchase buffing tools and materials	01-Nov-13	04-Mar-14	03-Feb-14	40.2w	0%	$0	$5,324
242231205		D	Purchase 900 shts, 12 sqin, VM2002, for wrapping	01-Nov-13	04-Mar-14	03-Feb-14	32.4w	0%	$0	$2,569
242231215		U	Polishing/finishing LG	01-Oct-13 A	02-Jan-14	02-Jan-14	27.6w	15%	$1,653	$11,020
242231220		U	Wrapping and Transmittance test of LG	04-Oct-13 A	24-Jan-14	24-Jan-14	26.6w	5%	$815	$16,298
242231245		U	Two-side glue Counters in Support Arm	27-Jan-14	01-Aug-14	01-Aug-14	26.6w	0%	$0	$21,240
242231250		U	Counter-in-rack storage and wrapping	03-Feb-14	07-Jul-14	01-Jul-14	23.6w	0%	$0	$23,714
242231255	ST	S	Transmittance test of assembled Counters in Rack	09-Jun-14	25-Nov-14	20-Nov-14	23.6w	0%	$0	$12,271
242231260	ST	S	Final Drawings of CTOF Support and Solenoid Harness	01-Nov-13	24-Jun-14	23-May-14	30.2w	0%	$0	$8,208
242231262	ST	S	CTOF Support and Solenoid Harness Engineer analysis	11-Feb-14	25-Jul-14	25-Jun-14	33.4w	0%	$0	$8,960
242231265		D	CTOF procure support and solenoid harness and interface rings	01-Oct-14	18-Mar-15	18-Mar-15	24.2w	0%	$0	$45,479
242231270	ST	S	Final drawings for counter installation arm - cart and transport rack	26-Nov-13	05-Nov-14	07-Oct-14	30.2w	0%	$0	$24,624
242231272	ST	S	Counter installation arm - cart and transport rack Engineering Analysis	18-Apr-14	01-Aug-14	02-Jul-14	30.2w	0%	$0	$11,947
242231275		D	CTOF procure installation tooling and transport rack	16-Sep-14	04-Mar-15	03-Feb-15	30.2w	0%	$0	$11,353
242231280		H	Final Drawings of Magnetic Shield Compensating Coil	06-Dec-13	25-Feb-14	25-Feb-14	41.2w	0%	$0	$6,156
242231285	ST	S	Final Drawings of Magnetic Shield Components	21-Nov-13	25-Feb-14	25-Feb-14	38.4w	0%	$0	$10,260
242231287		H	Magnetic Shield Engineering Analysis	20-Dec-13	30-Jan-14	30-Jan-14	42.0w	0%	$0	$8,960
242231290		D	Purchase Coil components and materials	26-Feb-14	01-Apr-14	01-Apr-14	41.2w	0%	$0	$11,553



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

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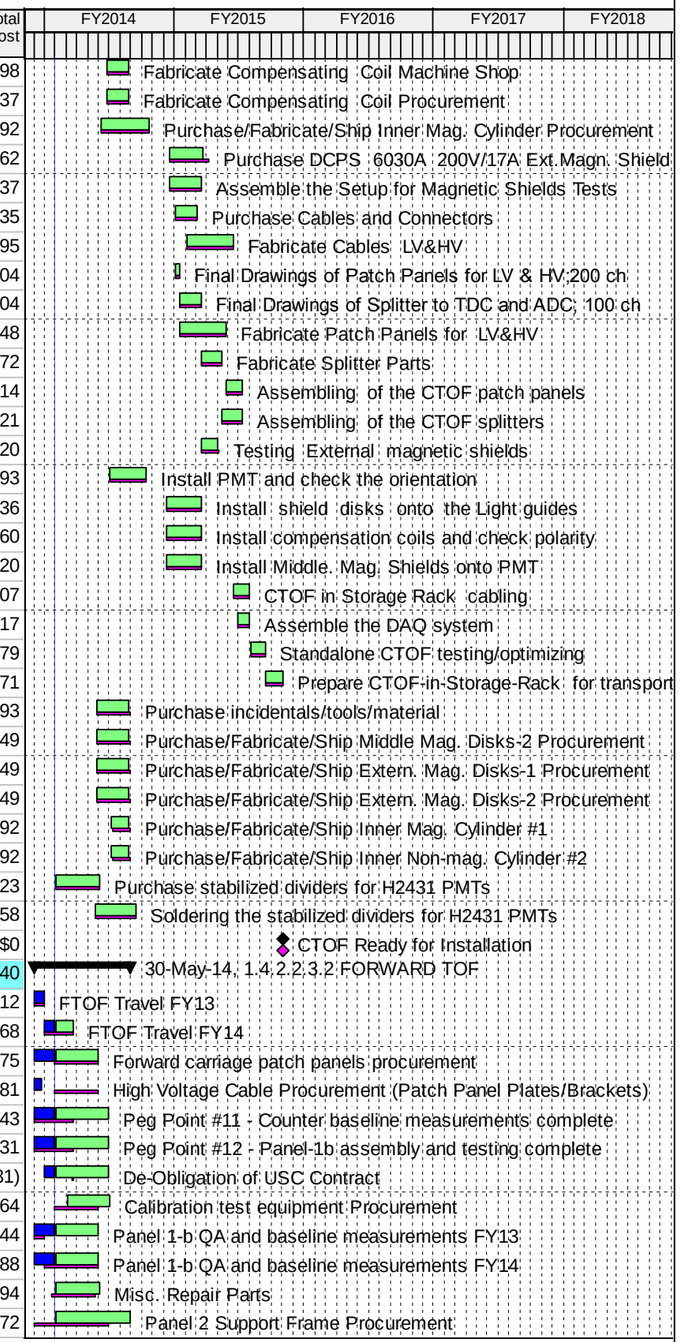
242231295		D	Fabricate Compensating Coil Machine Shop	27-Mar-14	27-May-14	27-May-14	53.6w	0%	$0	$8,498
242231300		D	Fabricate Compensating Coil Procurement	27-Mar-14	27-May-14	27-May-14	41.2w	0%	$0	$21,137
242231305		D	Purchase/Fabricate/Ship Inner Mag. Cylinder Procurement	10-Mar-14	23-Jul-14	23-Jul-14	38.4w	0%	$0	$11,392
242231320		U	Purchase DCPS 6030A 200V/17A Ext.Magn. Shield	18-Sep-14	23-Dec-14	05-Jan-15	34.6w	0%	$0	$32,362
242231325	ST	S	Assemble the Setup for Magnetic Shields Tests	17-Sep-14	16-Dec-14	17-Dec-14	34.6w	0%	$0	$20,137
242231335		D	Purchase Cables and Connectors	06-Oct-14	03-Dec-14	03-Dec-14	9.0w	0%	$0	$47,835
242231340		U	Fabricate Cables LV&HV	07-Nov-14	17-Mar-15	17-Mar-15	9.0w	0%	$0	$13,295
242231345		H	Final Drawings of Patch Panels for LV & HV;200 ch	06-Oct-14	16-Oct-14	16-Oct-14	16.2w	0%	$0	$4,104
242231350		H	Final Drawings of Splitter to TDC and ADC; 100 ch	17-Oct-14	17-Dec-14	17-Dec-14	16.2w	0%	$0	$4,104
242231355		U	Fabricate Patch Panels for LV&HV	17-Oct-14	26-Feb-15	26-Feb-15	16.2w	0%	$0	$15,148
242231360		H	Fabricate Splitter Parts	17-Dec-14	12-Feb-15	12-Feb-15	16.2w	0%	$0	$8,672
242231365		U	Assembling of the CTOF patch panels	27-Feb-15	09-Apr-15	09-Apr-15	16.2w	0%	$0	$8,414
242231370		U	Assembling of the CTOF splitters	13-Feb-15	09-Apr-15	09-Apr-15	16.2w	0%	$0	$11,421
242231385		U	Testing External magnetic shields	17-Dec-14	02-Feb-15	03-Feb-15	34.6w	0%	$0	$23,520
242231390		U	Install PMT and check the orientation	03-Apr-14	14-Jul-14	14-Jul-14	48.5w	0%	$0	$6,793
242231395		U	Install shield disks onto the Light guides	09-Sep-14	17-Dec-14	17-Dec-14	26.6w	0%	$0	$10,936
242231400		U	Install compensation coils and check polarity	09-Sep-14	17-Dec-14	17-Dec-14	26.6w	0%	$0	$11,760
242231405		U	Install Middle. Mag. Shields onto PMT	09-Sep-14	17-Dec-14	17-Dec-14	26.6w	0%	$0	$23,520
242231410		U	CTOF in Storage Rack cabling	18-Mar-15	01-May-15	01-May-15	9.0w	0%	$0	$7,907
242231415		H	Assemble the DAQ system	30-Mar-15	01-May-15	01-May-15	9.0w	0%	$0	$7,217
242231420		H	Standalone CTOF testing/optimizing	04-May-15	15-Jun-15	15-Jun-15	9.0w	0%	$0	$5,379
242231425	ST	S	Prepare CTOF-in-Storage-Rack for transportation	16-Jun-15	04-Aug-15	04-Aug-15	9.0w	0%	$0	$17,171
242231430		D	Purchase incidentals/tools/material	24-Feb-14	28-May-14	29-May-14	67.6w	0%	$0	$19,093
242231435		U	Purchase/Fabricate/Ship Middle Mag. Disks-2 Procurement	24-Feb-14	28-May-14	29-May-14	42.6w	0%	$0	$10,649
242231440		U	Purchase/Fabricate/Ship Extern. Mag. Disks-1 Procurement	24-Feb-14	28-May-14	29-May-14	42.6w	0%	$0	$10,649
242231445		U	Purchase/Fabricate/Ship Extern. Mag. Disks-2 Procurement	24-Feb-14	28-May-14	29-May-14	42.6w	0%	$0	$10,649
242231450		U	Purchase/Fabricate/Ship Inner Mag. Cylinder #1	09-Apr-14	28-May-14	29-May-14	42.6w	0%	$0	$11,392
242231455		U	Purchase/Fabricate/Ship Inner Non-mag. Cylinder #2	09-Apr-14	28-May-14	29-May-14	42.6w	0%	$0	$11,392
242231460		U	Purchase stabilized dividers for H2431 PMTs	04-Nov-13	05-Mar-14	05-Mar-14	48.5w	0%	$0	$4,323
242231465	ST	S	Soldering the stabilized dividers for H2431 PMTs	21-Feb-14	16-Jun-14	16-Jun-14	48.5w	0%	$0	$6,758
242231470M		M	CTOF Ready for Installation		04-Aug-15	04-Aug-15	9.0w	0%	$0	$0
1.4.2.2.3.2 FORWARD TOF				03-Sep-13 A	30-May-14	31-Mar-14	82.2w		$36,185	$165,240
242232180		E	FTOF Travel FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$612	$612
242232185		E	FTOF Travel FY14	01-Oct-13 A	20-Dec-13	20-Dec-13	98.8w	40.35%	$915	$2,268
242232232		D	Forward carriage patch panels procurement	03-Sep-13 A	28-Feb-14	28-Feb-14	90.6w	41%	$2,245	$5,475
242232265a		D	High Voltage Cable Procurement (Patch Panel Plates/Brackets)	03-Sep-13 A	23-Sep-13	28-Feb-14		100%	$8,081	$8,081
242232320Q		D	Peg Point #11 - Counter baseline measurements complete	03-Sep-13 A	31-Mar-14	20-Dec-13	79.6w	64%	$34,331	$53,643
242232320R		D	Peg Point #12 - Panel-1b assembly and testing complete	03-Sep-13 A	31-Mar-14	20-Dec-13	78.8w	0%	$0	$121,531
242232320S	NB	D	De-Obligation of USC Contract	01-Oct-13 A	31-Mar-14	20-Dec-13	78.8w	21.49%	($9,999)	($46,531)
242232396		D	Calibration test equipment Procurement	05-Dec-13	03-Apr-14	28-Feb-14	85.8w	0%	$0	$2,664
242232546		U	Panel 1-b QA and baseline measurements FY13	03-Sep-13 A	28-Feb-14	30-Sep-13	90.6w	0%	$0	$1,244
242232546a		U	Panel 1-b QA and baseline measurements FY14	03-Sep-13 A	28-Feb-14	28-Feb-14	90.6w	0%	$0	$6,288
242232560		D	Misc. Repair Parts	01-Nov-13	04-Mar-14	21-Feb-14	90.2w	0%	$0	$5,494
242232655		D	Panel 2 Support Frame Procurement	01-Nov-13	30-May-14	31-Mar-14	82.0w	0%	$0	$4,472



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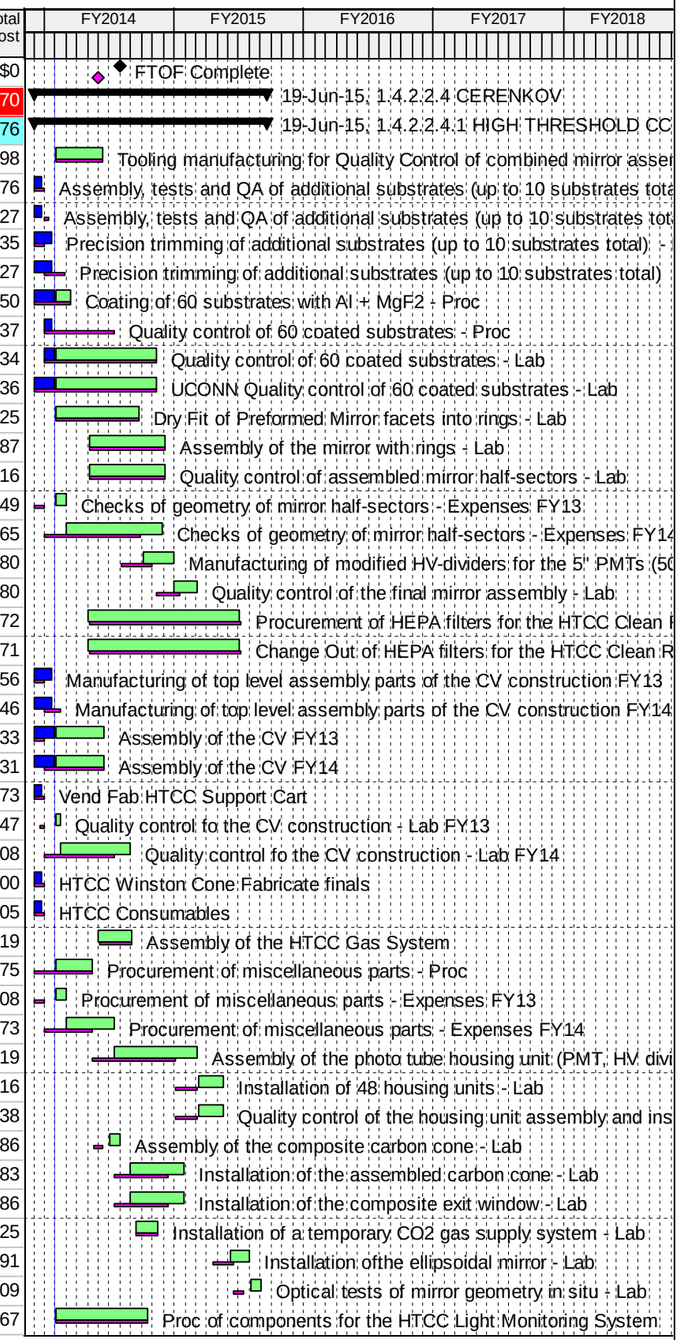
242232685M		M	FTOF Complete		01-May-14	03-Mar-14	82.0w	0%	$0	$0
1.4.2.2.4 CERENKOV				03-Sep-13 A	19-Jun-15	17-Apr-15	38.4w		$54,588	$1,166,370
1.4.2.2.4.1 HIGH THRESHOLD CC				03-Sep-13 A	19-Jun-15	17-Apr-15	25.6w		$48,023	$642,976
242241300		U	Tooling manufacturing for Quality Control of combined mirror assembly	01-Nov-13	14-Mar-14	14-Mar-14	53.0w	0%	$0	$25,798
242241370		U	Assembly, tests and QA of additional substrates (up to 10 substrates total) F	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$376	$376
242241370a		U	Assembly, tests and QA of additional substrates (up to 10 substrates total) F	03-Sep-13 A	23-Sep-13	14-Oct-13		100%	$427	$427
242241372		D	Precision trimming of additional substrates (up to 10 substrates total) - Labo	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$935	$935
242241372a		D	Precision trimming of additional substrates (up to 10 substrates total) - Labo	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$2,027	$2,027
242241390		U	Coating of 60 substrates with Al + MgF2 - Proc	03-Sep-13 A	13-Dec-13	13-Dec-13	36.0w	0%	$0	$13,250
242241395		U	Quality control of 60 coated substrates - Proc	01-Oct-13 A	21-Oct-13 A	15-Apr-14		100%	$9,037	$9,037
242241395a		U	Quality control of 60 coated substrates - Lab	01-Oct-13 A	13-Aug-14	13-Aug-14	31.8w	0%	$0	$9,534
242241400		U	UCONN Quality control of 60 coated substrates - Lab	03-Sep-13 A	13-Aug-14	13-Aug-14	31.8w	2%	$43	$2,136
242241405		S	Dry Fit of Preformed Mirror facets into rings - Lab	01-Nov-13	25-Jun-14	25-Jun-14	31.8w	0%	$0	$48,325
242241405b	ST	S	Assembly of the mirror with rings - Lab	05-Feb-14	05-Sep-14	05-Sep-14	31.8w	0%	$0	$118,287
242241410	ST	S	Quality control of assembled mirror half-sectors - Lab	05-Feb-14	05-Sep-14	05-Sep-14	31.8w	0%	$0	$73,416
242241415		H	Checks of geometry of mirror half-sectors - Expenses FY13	01-Nov-13	02-Dec-13	30-Sep-13	25.0w	0%	$0	$49
242241415a		H	Checks of geometry of mirror half-sectors - Expenses FY14	03-Dec-13	29-Aug-14	30-Jun-14	25.0w	0%	$0	$465
242241417		H	Manufacturing of modified HV-dividers for the 5" PMTs (50 units)-Lab	07-Jul-14	01-Oct-14	31-Jul-14	25.0w	0%	$0	$1,880
242241425		S	Quality control of the final mirror assembly - Lab	02-Oct-14	04-Dec-14	15-Oct-14	25.0w	0%	$0	$64,180
242241430		U	Procurement of HEPA filters for the HTCC Clean Room	03-Feb-14	02-Apr-15	06-Apr-15	33.6w	0%	$0	$5,572
242241435		U	Change Out of HEPA filters for the HTCC Clean Room	03-Feb-14	03-Apr-15	07-Apr-15	33.4w	0%	$0	$2,271
242241450a		D	Manufacturing of top level assembly parts of the CV construction FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$5,556	$5,556
242241450a		D	Manufacturing of top level assembly parts of the CV construction FY14	03-Sep-13 A	21-Oct-13 A	15-Nov-13		100%	$9,746	$9,746
242241450b	ST	S	Assembly of the CV FY13	03-Sep-13 A	18-Mar-14	30-Sep-13	47.4w	0%	$0	$5,433
242241450b	ST	S	Assembly of the CV FY14	03-Sep-13 A	18-Mar-14	18-Mar-14	47.4w	0%	$0	$30,831
242241452		D	Vend Fab HTCC Support Cart	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$16,273	$16,273
242241455		S	Quality control fo the CV construction - Lab FY13	01-Nov-13	14-Nov-13	30-Sep-13	44.8w	0%	$0	$947
242241455a		S	Quality control fo the CV construction - Lab FY14	15-Nov-13	30-May-14	14-Apr-14	44.8w	0%	$0	$12,608
242241457		D	HTCC Winston Cone Fabricate finals	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$3,300	$3,300
242241462		D	HTCC Consumables	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$305	$305
242241528		S	Assembly of the HTCC Gas System	03-Mar-14	02-Jun-14	03-Jun-14	74.6w	0%	$0	$11,519
242241580		D	Procurement of miscellaneous parts - Proc	01-Nov-13	13-Feb-14	13-Feb-14	31.4w	0%	$0	$5,775
242241580a		D	Procurement of miscellaneous parts - Expenses FY13	01-Nov-13	02-Dec-13	30-Sep-13	22.8w	0%	$0	$1,308
242241580b		D	Procurement of miscellaneous parts - Expenses FY14	03-Dec-13	15-Apr-14	13-Feb-14	22.8w	0%	$0	$5,873
242241585		S	Assembly of the photo tube housing unit (PMT, HV divider, Winston Cone, M	16-Apr-14	05-Dec-14	03-Oct-14	22.8w	0%	$0	$10,419
242241590		S	Installation of 48 housing units - Lab	08-Dec-14	17-Feb-15	05-Dec-14	22.8w	0%	$0	$14,016
242241595		H	Quality control of the housing unit assembly and installation - Lab	08-Dec-14	17-Feb-15	05-Dec-14	22.8w	0%	$0	$6,838
242241600		H	Assembly of the composite carbon cone - Lab	03-Apr-14	30-Apr-14	14-Mar-14	53.6w	0%	$0	$3,786
242241605	ST	S	Installation of the assembled carbon cone - Lab	30-May-14	29-Oct-14	12-Sep-14	53.6w	0%	$0	$6,783
242241610	ST	S	Installation of the composite exit window - Lab	30-May-14	29-Oct-14	12-Sep-14	53.6w	0%	$0	$3,786
242241630		H	Installation of a temporary CO2 gas supply system - Lab	16-Jun-14	15-Aug-14	18-Aug-14	64.0w	0%	$0	$6,625
242241640	ST	S	Installation ofthe ellipsoidal mirror - Lab	09-Mar-15	01-May-15	16-Mar-15	25.0w	0%	$0	$48,891
242241645		H	Optical tests of mirror geometry in situ - Lab	05-May-15	04-Jun-15	15-Apr-15	25.0w	0%	$0	$10,509
242241647a		D	Proc of components for the HTCC Light Monitoring System	01-Nov-13	17-Jul-14	17-Jul-14	54.8w	0%	$0	$2,967



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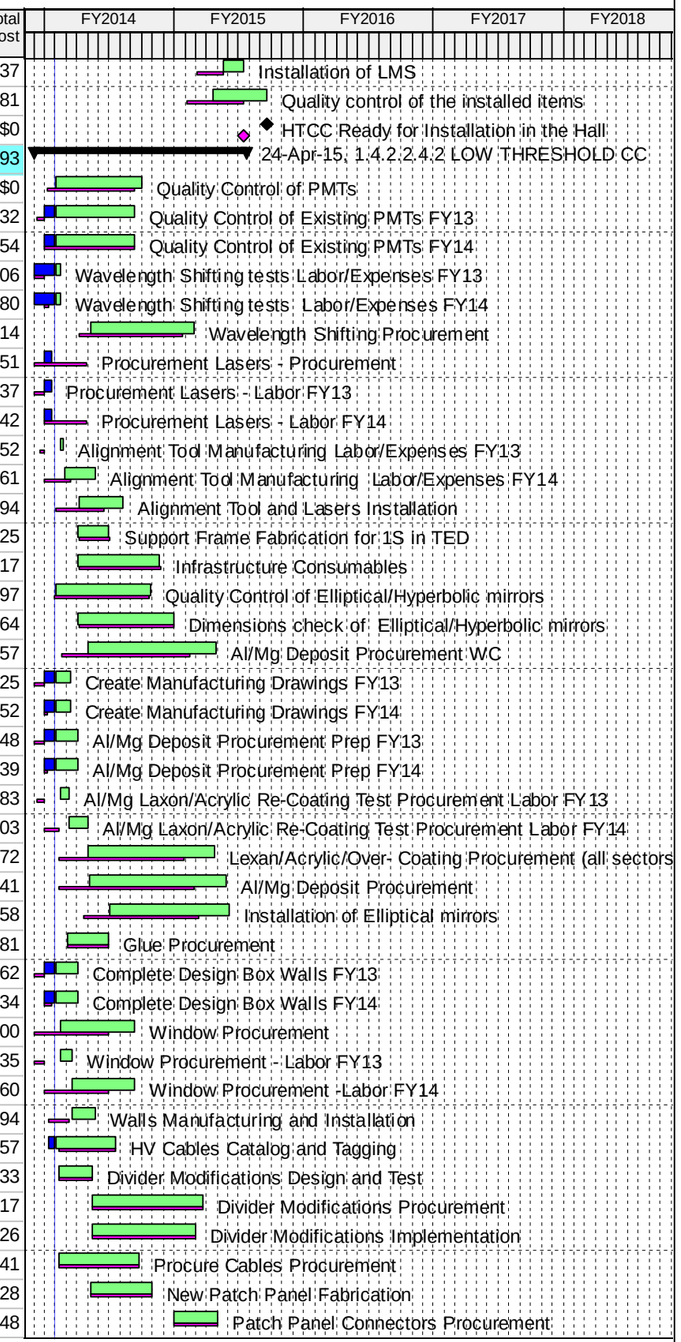
242241647d		S	Installation of LMS	16-Feb-15	16-Apr-15	16-Feb-15	22.8w	0%	$0	$5,737
242241647(	ST	S	Quality control of the installed items	21-Jan-15	19-Jun-15	17-Apr-15	22.8w	0%	$0	$35,181
242241650M		M	HTCC Ready for Installation in the Hall		19-Jun-15	17-Apr-15	22.8w	0%	$0	$0
1.4.2.2.4.2 LOW THRESHOLD CC				03-Sep-13 A	24-Apr-15	10-Feb-15	46.2w		$6,565	$523,393
242242030		Z	Quality Control of PMTs	01-Nov-13	02-Jul-14	10-Jun-14	66.2w	0%	$0	$0
242242031		U	Quality Control of Existing PMTs FY13	01-Oct-13 A	10-Jun-14	30-Sep-13	46.2w	5%	$17	$332
242242031a		U	Quality Control of Existing PMTs FY14	01-Oct-13 A	10-Jun-14	10-Jun-14	46.2w	5%	$193	$3,854
242242036		H	Wavelength Shifting tests Labor/Expenses FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	45.8w	50%	$1,303	$2,606
242242036a		H	Wavelength Shifting tests Labor/Expenses FY14	03-Sep-13 A	15-Nov-13	15-Oct-13	45.8w	50%	$740	$1,480
242242040		D	Wavelength Shifting Procurement	11-Feb-14	25-Nov-14	23-Oct-14	45.8w	0%	$0	$61,914
242242045		D	Procurement Lasers - Procurement	01-Oct-13 A	21-Oct-13 A	28-Jan-14		100%	$1,651	$1,651
242242045a		D	Procurement Lasers - Labor FY13	01-Oct-13 A	21-Oct-13 A	30-Sep-13		100%	$37	$37
242242045b		D	Procurement Lasers - Labor FY14	01-Oct-13 A	21-Oct-13 A	28-Jan-14		100%	$142	$142
242242050		D	Alignment Tool Manufacturing Labor/Expenses FY13	15-Nov-13	25-Nov-13	30-Sep-13	35.4w	0%	$0	$752
242242050a		D	Alignment Tool Manufacturing Labor/Expenses FY14	26-Nov-13	20-Feb-14	13-Dec-13	35.4w	0%	$0	$5,761
242242055	ST	S	Alignment Tool and Lasers Installation	09-Jan-14	12-May-14	18-Mar-14	35.4w	0%	$0	$2,494
242242076		D	Support Frame Fabrication for 1S in TED	03-Jan-14	31-Mar-14	02-Apr-14	79.4w	0%	$0	$2,925
242242077		D	Infrastructure Consumables	03-Jan-14	21-Aug-14	25-Aug-14	59.2w	0%	$0	$16,717
242242085	ST	S	Quality Control of Elliptical/Hyperbolic mirrors	01-Nov-13	25-Jul-14	24-Jul-14	69.4w	0%	$0	$10,197
242242090		U	Dimensions check of Elliptical/Hyperbolic mirrors	03-Jan-14	29-Sep-14	01-Oct-14	54.0w	0%	$0	$9,664
242242092		U	Al/Mg Deposit Procurement WC	03-Feb-14	29-Jan-15	14-Nov-14	38.6w	0%	$0	$59,857
242242095		H	Create Manufacturing Drawings FY13	01-Oct-13 A	12-Dec-13	30-Sep-13	48.6w	50%	$62	$125
242242095a		H	Create Manufacturing Drawings FY14	01-Oct-13 A	12-Dec-13	10-Oct-13	48.6w	50%	$26	$52
242242105		H	Al/Mg Deposit Procurement Prep FY13	01-Oct-13 A	03-Jan-14	30-Sep-13	33.4w	50%	$224	$448
242242105a		H	Al/Mg Deposit Procurement Prep FY14	01-Oct-13 A	03-Jan-14	08-Oct-13	38.0w	50%	$70	$139
242242107		H	Al/Mg Laxon/Acrylic Re-Coating Test Procurement Labor FY13	15-Nov-13	09-Dec-13	30-Sep-13	38.6w	0%	$0	$583
242242107a		H	Al/Mg Laxon/Acrylic Re-Coating Test Procurement Labor FY14	10-Dec-13	31-Jan-14	11-Nov-13	38.6w	0%	$0	$1,203
242242108		U	Lexan/Acrylic/Over- Coating Procurement (all sectors)	31-Jan-14	22-Jan-15	31-Oct-14	39.6w	0%	$0	$5,372
242242110		D	Al/Mg Deposit Procurement	07-Feb-14	24-Feb-15	26-Nov-14	33.4w	0%	$0	$53,241
242242115		H	Installation of Elliptical mirrors	04-Apr-14	06-Mar-15	10-Dec-14	33.4w	0%	$0	$1,058
242242137		D	Glue Procurement	05-Dec-13	31-Mar-14	31-Mar-14	79.4w	0%	$0	$2,381
242242145a		H	Complete Design Box Walls FY13	01-Oct-13 A	03-Jan-14	30-Sep-13	84.8w	50%	$81	$162
242242145a		H	Complete Design Box Walls FY14	01-Oct-13 A	03-Jan-14	22-Oct-13	84.8w	50%	$67	$134
242242152		D	Window Procurement	15-Nov-13	13-Jun-14	31-Mar-14	26.4w	0%	$0	$2,800
242242152a		D	Window Procurement - Labor FY13	15-Nov-13	16-Dec-13	30-Sep-13	26.4w	0%	$0	$335
242242152b		D	Window Procurement -Labor FY14	17-Dec-13	13-Jun-14	31-Mar-14	26.4w	0%	$0	$2,060
242242155		H	Walls Manufacturing and Installation	17-Dec-13	20-Feb-14	10-Dec-13	84.8w	0%	$0	$2,494
242242161		H	HV Cables Catalog and Tagging	12-Oct-13 A	18-Apr-14	18-Apr-14	62.3w	50%	$379	$757
242242162		H	Divider Modifications Design and Test	12-Nov-13	11-Feb-14	11-Feb-14	45.2w	0%	$0	$1,633
242242163		D	Divider Modifications Procurement	12-Feb-14	23-Dec-14	23-Dec-14	45.2w	0%	$0	$6,017
242242164		U	Divider Modifications Implementation	12-Feb-14	02-Dec-14	02-Dec-14	45.2w	0%	$0	$10,826
242242165b		D	Procure Cables Procurement	12-Nov-13	24-Jun-14	24-Jun-14	67.4w	0%	$0	$24,241
242242169		D	New Patch Panel Fabrication	11-Feb-14	31-Jul-14	31-Jul-14	62.3w	0%	$0	$3,028
242242170		D	Patch Panel Connectors Procurement	01-Oct-14	30-Jan-15	30-Jan-15	38.4w	0%	$0	$14,648



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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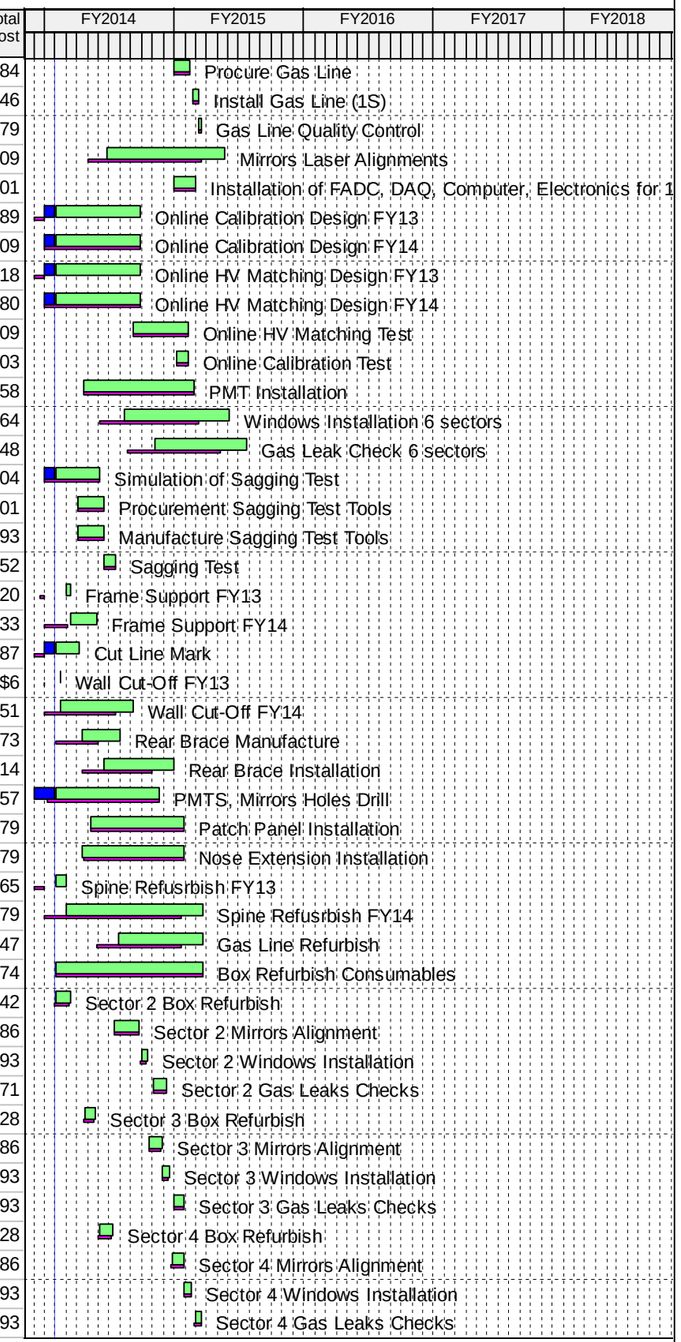
Activity ID	Activ with Step	EVM Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242242185		D	Procure Gas Line	01-Oct-14	14-Nov-14	14-Nov-14	43.0w	0%	$0	$12,984
242242190		H	Install Gas Line (1S)	25-Nov-14	10-Dec-14	10-Dec-14	43.0w	0%	$0	$946
242242195		H	Gas Line Quality Control	11-Dec-14	17-Dec-14	17-Dec-14	43.0w	0%	$0	$379
242242205	ST	S	Mirrors Laser Alignments	28-Mar-14	20-Feb-15	16-Dec-14	35.4w	0%	$0	$18,609
242242215		H	Installation of FADC, DAQ, Computer, Electronics for 1 Sector	01-Oct-14	01-Dec-14	01-Dec-14	45.4w	0%	$0	$601
242242220a	ST	S	Online Calibration Design FY13	01-Oct-13 A	27-Jun-14	30-Sep-13	47.8w	0%	$0	$289
242242220a	ST	S	Online Calibration Design FY14	01-Oct-13 A	27-Jun-14	27-Jun-14	47.8w	0%	$0	$2,709
242242222	ST	S	Online HV Matching Design FY13	01-Oct-13 A	27-Jun-14	30-Sep-13	47.8w	0%	$0	$318
242242222a	ST	S	Online HV Matching Design FY14	01-Oct-13 A	27-Jun-14	27-Jun-14	47.8w	0%	$0	$2,980
242242223	ST	S	Online HV Matching Test	09-Jun-14	11-Nov-14	11-Nov-14	47.8w	0%	$0	$3,609
242242225		H	Online Calibration Test	09-Oct-14	11-Nov-14	11-Nov-14	47.8w	0%	$0	$1,203
242242230		H	PMT Installation	21-Jan-14	26-Nov-14	26-Nov-14	46.2w	0%	$0	$1,058
242242235		U	Windows Installation 6 sectors	16-May-14	06-Mar-15	10-Dec-14	26.4w	0%	$0	$9,464
242242240	ST	S	Gas Leak Check 6 sectors	08-Aug-14	24-Apr-15	10-Feb-15	26.4w	0%	$0	$13,948
242242245		H	Simulation of Sagging Test	01-Oct-13 A	04-Mar-14	04-Mar-14	76.6w	50%	$902	$1,804
242242255		D	Procurement Sagging Test Tools	03-Jan-14	18-Mar-14	18-Mar-14	76.6w	0%	$0	$601
242242260		H	Manufacture Sagging Test Tools	03-Jan-14	18-Mar-14	18-Mar-14	76.6w	0%	$0	$1,893
242242270	ST	S	Sagging Test	19-Mar-14	18-Apr-14	18-Apr-14	76.6w	0%	$0	$3,552
242242280		H	Frame Support FY13	02-Dec-13	12-Dec-13	30-Sep-13	83.8w	0%	$0	$120
242242280a		H	Frame Support FY14	13-Dec-13	27-Feb-14	05-Dec-13	83.8w	0%	$0	$633
242242290		H	Cut Line Mark	01-Oct-13 A	06-Jan-14	30-Sep-13	69.8w	50%	$294	$587
242242295		H	Wall Cut-Off FY13	14-Nov-13	14-Nov-13	30-Sep-13	69.8w	0%	$0	$6
242242295a		H	Wall Cut-Off FY14	15-Nov-13	06-Jun-14	21-Apr-14	69.8w	0%	$0	$751
242242300		H	Rear Brace Manufacture	16-Jan-14	30-Apr-14	28-Feb-14	53.4w	0%	$0	$1,273
242242305		H	Rear Brace Installation	20-Mar-14	01-Oct-14	31-Jul-14	53.4w	0%	$0	$1,514
242242310		H	PMTS, Mirrors Holes Drill	03-Sep-13 A	19-Aug-14	19-Aug-14	46.4w	50%	$379	$757
242242315		H	Patch Panel Installation	11-Feb-14	30-Oct-14	30-Oct-14	46.2w	0%	$0	$679
242242320		H	Nose Extension Installation	16-Jan-14	28-Oct-14	30-Oct-14	46.6w	0%	$0	$379
242242325		H	Spine Refusrbish FY13	01-Nov-13	02-Dec-13	30-Sep-13	42.4w	0%	$0	$65
242242325a		H	Spine Refusrbish FY14	03-Dec-13	22-Dec-14	20-Oct-14	42.4w	0%	$0	$879
242242330		H	Gas Line Refurbish	29-Apr-14	22-Dec-14	20-Oct-14	42.4w	0%	$0	$1,247
242242335		D	Box Refurbish Consumables	01-Nov-13	22-Dec-14	22-Dec-14	42.4w	0%	$0	$18,574
242242340	ST	S	Sector 2 Box Refurbish	01-Nov-13	12-Dec-13	10-Dec-13	36.6w	0%	$0	$15,142
242242350		H	Sector 2 Mirrors Alignment	17-Apr-14	26-Jun-14	24-Jun-14	36.6w	0%	$0	$3,786
242242355		H	Sector 2 Windows Installation	02-Jul-14	17-Jul-14	15-Jul-14	36.6w	0%	$0	$1,893
242242360		H	Sector 2 Gas Leaks Checks	06-Aug-14	11-Sep-14	09-Sep-14	58.2w	0%	$0	$2,271
242242365	ST	S	Sector 3 Box Refurbish	23-Jan-14	20-Feb-14	18-Feb-14	58.2w	0%	$0	$13,628
242242375		H	Sector 3 Mirrors Alignment	24-Jul-14	28-Aug-14	26-Aug-14	36.6w	0%	$0	$3,786
242242380		H	Sector 3 Windows Installation	29-Aug-14	18-Sep-14	16-Sep-14	36.6w	0%	$0	$1,893
242242385		H	Sector 3 Gas Leaks Checks	02-Oct-14	31-Oct-14	29-Oct-14	59.8w	0%	$0	$1,893
242242390	ST	S	Sector 4 Box Refurbish	05-Mar-14	10-Apr-14	08-Apr-14	59.8w	0%	$0	$13,628
242242400		H	Sector 4 Mirrors Alignment	25-Sep-14	30-Oct-14	28-Oct-14	36.6w	0%	$0	$3,786
242242405		H	Sector 4 Windows Installation	31-Oct-14	20-Nov-14	18-Nov-14	60.0w	0%	$0	$1,893
242242410		H	Sector 4 Gas Leaks Checks	02-Dec-14	18-Dec-14	16-Dec-14	60.0w	0%	$0	$1,893



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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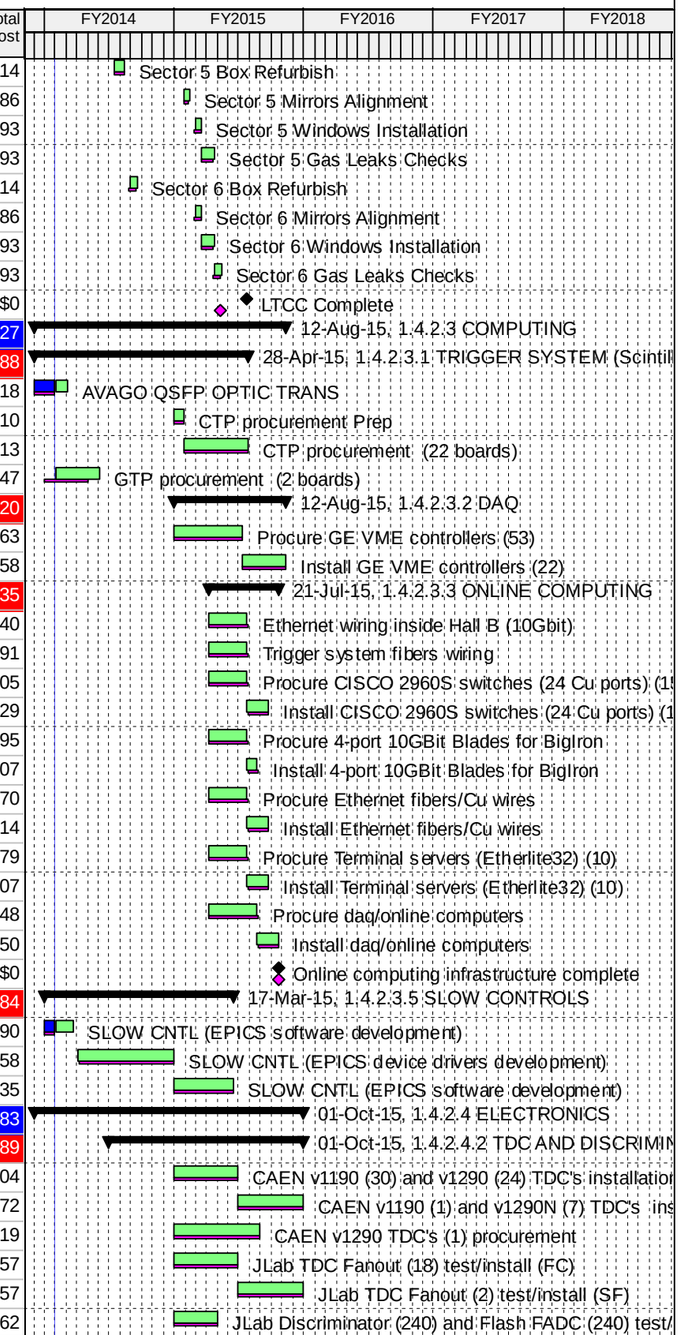
Activity ID	Activ with Ster	EV Re Cu	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242242415	ST	S	Sector 5 Box Refurbish	16-Apr-14	15-May-14	13-May-14	60.0w	0%	$0	$12,114
242242425		H	Sector 5 Mirrors Alignment	31-Oct-14	13-Nov-14	11-Nov-14	36.6w	0%	$0	$3,786
242242430		H	Sector 5 Windows Installation	02-Dec-14	18-Dec-14	16-Dec-14	59.6w	0%	$0	$1,893
242242435		H	Sector 5 Gas Leaks Checks	19-Dec-14	22-Jan-15	20-Jan-15	59.6w	0%	$0	$1,893
242242440	ST	S	Sector 6 Box Refurbish	29-May-14	19-Jun-14	17-Jun-14	59.6w	0%	$0	$12,114
242242450		H	Sector 6 Mirrors Alignment	02-Dec-14	18-Dec-14	16-Dec-14	36.6w	0%	$0	$3,786
242242455		H	Sector 6 Windows Installation	19-Dec-14	22-Jan-15	20-Jan-15	36.6w	0%	$0	$1,893
242242460		H	Sector 6 Gas Leaks Checks	22-Jan-15	12-Feb-15	10-Feb-15	36.6w	0%	$0	$1,893
242242500M		M	LTCC Complete		24-Apr-15	10-Feb-15	26.4w	0%	$0	$0
1.4.2.3 COMPUTING				03-Sep-13 A	12-Aug-15	12-Aug-15	18.4w		$4,695	$1,023,027
1.4.2.3.1 TRIGGER SYSTEM (Scintillators)				03-Sep-13 A	28-Apr-15	28-Apr-15	33.0w		$0	$180,388
24231000		U	AVAGO QSFP OPTIC TRANS	03-Sep-13 A	05-Dec-13	31-Oct-13	101.0w	0%	$0	$1,018
24231005		H	CTP procurement Prep	01-Oct-14	28-Oct-14	28-Oct-14	8.2w	0%	$0	$6,010
24231007		U	CTP procurement (22 boards)	29-Oct-14	28-Apr-15	28-Apr-15	8.2w	0%	$0	$158,913
24231045		U	GTP procurement (2 boards)	01-Nov-13	05-Mar-14	31-Jan-14	65.6w	0%	$0	$14,447
1.4.2.3.2 DAQ				01-Oct-14	12-Aug-15	12-Aug-15	18.4w		$0	$242,820
24232022		U	Procure GE VME controllers (53)	01-Oct-14	09-Apr-15	09-Apr-15	18.4w	0%	$0	$218,763
24232025	ST	S	Install GE VME controllers (22)	10-Apr-15	12-Aug-15	12-Aug-15	18.4w	0%	$0	$24,058
1.4.2.3.3 ONLINE COMPUTING				05-Jan-15	21-Jul-15	23-Jul-15	21.6w		$0	$385,635
24233010		D	Ethernet wiring inside Hall B (10Gbit)	05-Jan-15	23-Apr-15	27-Apr-15	33.6w	0%	$0	$43,340
24233015		D	Trigger system fibers wiring	05-Jan-15	23-Apr-15	27-Apr-15	33.6w	0%	$0	$54,691
24233020		U	Procure CISCO 2960S switches (24 Cu ports) (15)	05-Jan-15	23-Apr-15	27-Apr-15	25.4w	0%	$0	$68,105
24233025	ST	S	Install CISCO 2960S switches (24 Cu ports) (15)	24-Apr-15	23-Jun-15	25-Jun-15	25.4w	0%	$0	$12,029
24233030		U	Procure 4-port 10GBit Blades for BigIron	05-Jan-15	23-Apr-15	27-Apr-15	29.6w	0%	$0	$51,595
24233035		H	Install 4-port 10GBit Blades for BigIron	24-Apr-15	21-May-15	26-May-15	29.6w	0%	$0	$3,007
24233040		D	Procure Ethernet fibers/Cu wires	05-Jan-15	23-Apr-15	27-Apr-15	25.4w	0%	$0	$21,670
24233045		H	Install Ethernet fibers/Cu wires	24-Apr-15	23-Jun-15	25-Jun-15	25.4w	0%	$0	$6,014
24233050		U	Procure Terminal servers (Etherlite32) (10)	05-Jan-15	23-Apr-15	27-Apr-15	25.4w	0%	$0	$15,479
24233055		H	Install Terminal servers (Etherlite32) (10)	24-Apr-15	23-Jun-15	25-Jun-15	25.4w	0%	$0	$3,007
24233060		D	Procure daq/online computers	05-Jan-15	21-May-15	26-May-15	21.6w	0%	$0	$85,648
24233065	ST	S	Install daq/online computers	22-May-15	21-Jul-15	23-Jul-15	21.6w	0%	$0	$21,050
24233070M		M	Online computing infrastructure complete		21-Jul-15	23-Jul-15	21.6w	0%	$0	$0
1.4.2.3.5 SLOW CONTROLS				01-Oct-13 A	17-Mar-15	19-Mar-15	39.0w		$4,695	$214,184
24235005		D	SLOW CNTL (EPICS software development)	01-Oct-13 A	20-Dec-13	28-Oct-13	39.0w	50%	$4,695	$9,390
24235010a	ST	S	SLOW CNTL (EPICS device drivers development)	02-Jan-14	29-Sep-14	01-Oct-14	39.0w	0%	$0	$66,158
24235015	ST	S	SLOW CNTL (EPICS software development)	30-Sep-14	17-Mar-15	19-Mar-15	39.0w	0%	$0	$138,635
1.4.2.4 ELECTRONICS				03-Sep-13 A	01-Oct-15	01-Oct-15	11.4w		$0	$278,483
1.4.2.4.2 TDC AND DISCRIMINATORS				31-Mar-14	01-Oct-15	01-Oct-15	11.4w		$0	$108,989
24242005	ST	S	CAEN v1190 (30) and v1290 (24) TDC's installation (FC)	01-Oct-14	31-Mar-15	31-Mar-15	11.4w	0%	$0	$26,004
24242005a	ST	S	CAEN v1190 (1) and v1290N (7) TDC's installation (SF)	01-Apr-15	01-Oct-15	01-Oct-15	11.4w	0%	$0	$5,572
24242010		U	CAEN v1290 TDC's (1) procurement	01-Oct-14	29-May-15	29-May-15	28.6w	0%	$0	$10,319
24242030	ST	S	JLab TDC Fanout (18) test/install (FC)	01-Oct-14	31-Mar-15	31-Mar-15	11.4w	0%	$0	$1,857
24242030a	ST	S	JLab TDC Fanout (2) test/install (SF)	01-Apr-15	01-Oct-15	01-Oct-15	11.4w	0%	$0	$1,857
24242040	ST	S	JLab Discriminator (240) and Flash FADC (240) test/install (FC)	01-Oct-14	30-Jan-15	30-Jan-15	45.4w	0%	$0	$31,762



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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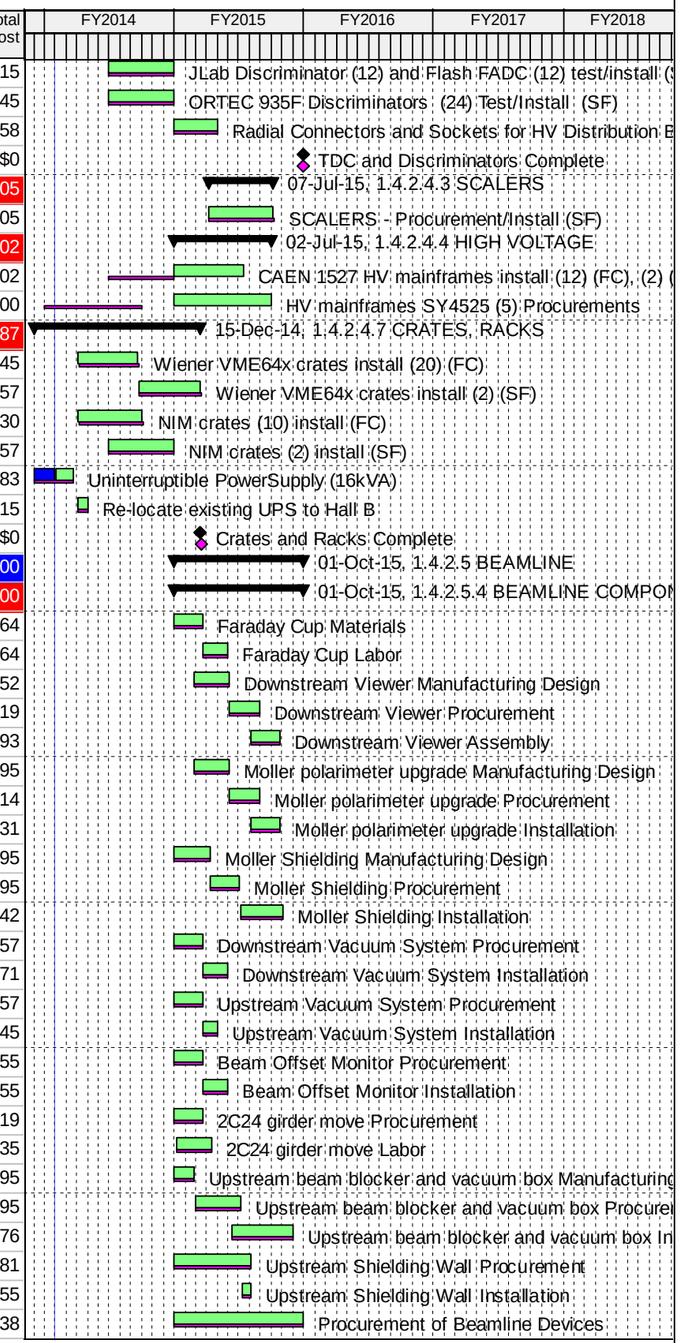
Activity ID	Activ with Step	EVA Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24242040a	ST	S	JLab Discriminator (12) and Flash FADC (12) test/install (SF)	31-Mar-14	29-Sep-14	30-Sep-14	61.0w	0%	$0	$3,715
24242055	ST	S	ORTEC 935F Discriminators (24) Test/Install (SF)	31-Mar-14	29-Sep-14	30-Sep-14	61.0w	0%	$0	$11,145
24242057		D	Radial Connectors and Sockets for HV Distribution Boxes	01-Oct-14	30-Jan-15	30-Jan-15	33.4w	0%	$0	$16,758
24242060M		M	TDC and Discriminators Complete		01-Oct-15	01-Oct-15	11.4w	0%	$0	$0
1.4.2.4.3 SCALERS				05-Jan-15	07-Jul-15	09-Jul-15	23.6w		$0	$68,105
24243010		U	SCALERS - Procurement/Install (SF)	05-Jan-15	07-Jul-15	09-Jul-15	23.6w	0%	$0	$68,105
1.4.2.4.4 HIGH VOLTAGE				01-Oct-14	02-Jul-15	30-Sep-14	23.8w		$0	$63,002
24244030	ST	S	CAEN 1527 HV mainframes install (12) (FC), (2) (SF)installation	01-Oct-14	13-Apr-15	30-Sep-14	35.2w	0%	$0	$13,002
24244035		U	HV mainframes SY4525 (5) Procurements	01-Oct-14	02-Jul-15	01-Jul-14	24.0w	0%	$0	$50,000
1.4.2.4.7 CRATES, RACKS				03-Sep-13 A	15-Dec-14	17-Dec-14	50.6w		$0	$38,387
24247005	ST	S	Wiener VME64x crates install (20) (FC)	03-Jan-14	20-Jun-14	24-Jun-14	50.4w	0%	$0	$11,145
24247005a	ST	S	Wiener VME64x crates install (2) (SF)	23-Jun-14	15-Dec-14	17-Dec-14	50.4w	0%	$0	$1,857
24247025	ST	S	NIM crates (10) install (FC)	03-Jan-14	03-Jul-14	08-Jul-14	73.1w	0%	$0	$7,430
24247030	ST	S	NIM crates (2) install (SF)	31-Mar-14	29-Sep-14	30-Sep-14	61.1w	0%	$0	$1,857
24247040		D	Uninterruptible PowerSupply (16kVA)	03-Sep-13 A	20-Dec-13	20-Dec-13	94.8w	0%	$0	$12,383
24247045	ST	S	Re-locate existing UPS to Hall B	02-Jan-14	30-Jan-14	30-Jan-14	94.8w	0%	$0	$3,715
24247060M		M	Crates and Racks Complete		15-Dec-14	17-Dec-14	50.4w	0%	$0	$0
1.4.2.5 BEAMLINE				01-Oct-14	01-Oct-15	01-Oct-15	30.2w		$0	$472,600
1.4.2.5.4 BEAMLINE COMPONENTS				01-Oct-14	01-Oct-15	01-Oct-15	30.2w		$0	$472,600
24254000		D	Faraday Cup Materials	01-Oct-14	22-Dec-14	22-Dec-14	41.4w	0%	$0	$2,064
24254005		H	Faraday Cup Labor	23-Dec-14	27-Feb-15	27-Feb-15	41.4w	0%	$0	$6,764
24254010		H	Downstream Viewer Manufacturing Design	26-Nov-14	05-Mar-15	05-Mar-15	20.6w	0%	$0	$2,052
24254015		D	Downstream Viewer Procurement	06-Mar-15	29-May-15	29-May-15	20.6w	0%	$0	$10,319
24254020		H	Downstream Viewer Assembly	06-May-15	28-Jul-15	28-Jul-15	20.6w	0%	$0	$1,893
24254025		S	Moller polarimeter upgrade Manufacturing Design	26-Nov-14	05-Mar-15	05-Mar-15	20.6w	0%	$0	$11,195
24254030		D	Moller polarimeter upgrade Procurement	06-Mar-15	29-May-15	29-May-15	20.6w	0%	$0	$61,914
24254035		S	Moller polarimeter upgrade Installation	06-May-15	28-Jul-15	28-Jul-15	20.6w	0%	$0	$16,131
24254040		S	Moller Shielding Manufacturing Design	01-Oct-14	12-Jan-15	12-Jan-15	19.6w	0%	$0	$11,195
24254045		D	Moller Shielding Procurement	13-Jan-15	03-Apr-15	03-Apr-15	19.6w	0%	$0	$51,595
24254050		S	Moller Shielding Installation	06-Apr-15	04-Aug-15	04-Aug-15	19.6w	0%	$0	$15,142
24254055		D	Downstream Vacuum System Procurement	01-Oct-14	22-Dec-14	22-Dec-14	41.2w	0%	$0	$30,957
24254060		H	Downstream Vacuum System Installation	23-Dec-14	02-Mar-15	02-Mar-15	41.2w	0%	$0	$7,571
24254065		D	Upstream Vacuum System Procurement	01-Oct-14	22-Dec-14	22-Dec-14	45.4w	0%	$0	$30,957
24254070		H	Upstream Vacuum System Installation	23-Dec-14	30-Jan-15	30-Jan-15	45.4w	0%	$0	$3,945
24254075		D	Beam Offset Monitor Procurement	01-Oct-14	22-Dec-14	22-Dec-14	41.4w	0%	$0	$8,255
24254080		H	Beam Offset Monitor Installation	23-Dec-14	27-Feb-15	27-Feb-15	41.4w	0%	$0	$9,955
24254085		D	2C24 girder move Procurement	01-Oct-14	22-Dec-14	22-Dec-14	47.6w	0%	$0	$10,319
24254090		S	2C24 girder move Labor	10-Oct-14	14-Jan-15	14-Jan-15	47.6w	0%	$0	$17,035
24254095		S	Upstream beam blocker and vacuum box Manufacturing Design	01-Oct-14	26-Nov-14	26-Nov-14	15.8w	0%	$0	$11,195
24254100		D	Upstream beam blocker and vacuum box Procurement	01-Dec-14	08-Apr-15	08-Apr-15	15.8w	0%	$0	$51,595
24254105		S	Upstream beam blocker and vacuum box Installation	12-Mar-15	31-Aug-15	31-Aug-15	15.8w	0%	$0	$10,576
24254110		D	Upstream Shielding Wall Procurement	01-Oct-14	07-May-15	07-May-15	31.6w	0%	$0	$59,381
24254115		H	Upstream Shielding Wall Installation	10-Apr-15	07-May-15	07-May-15	31.6w	0%	$0	$9,955
24254120		D	Procurement of Beamline Devices	01-Oct-14	01-Oct-15	01-Oct-15	30.4w	0%	$0	$20,638



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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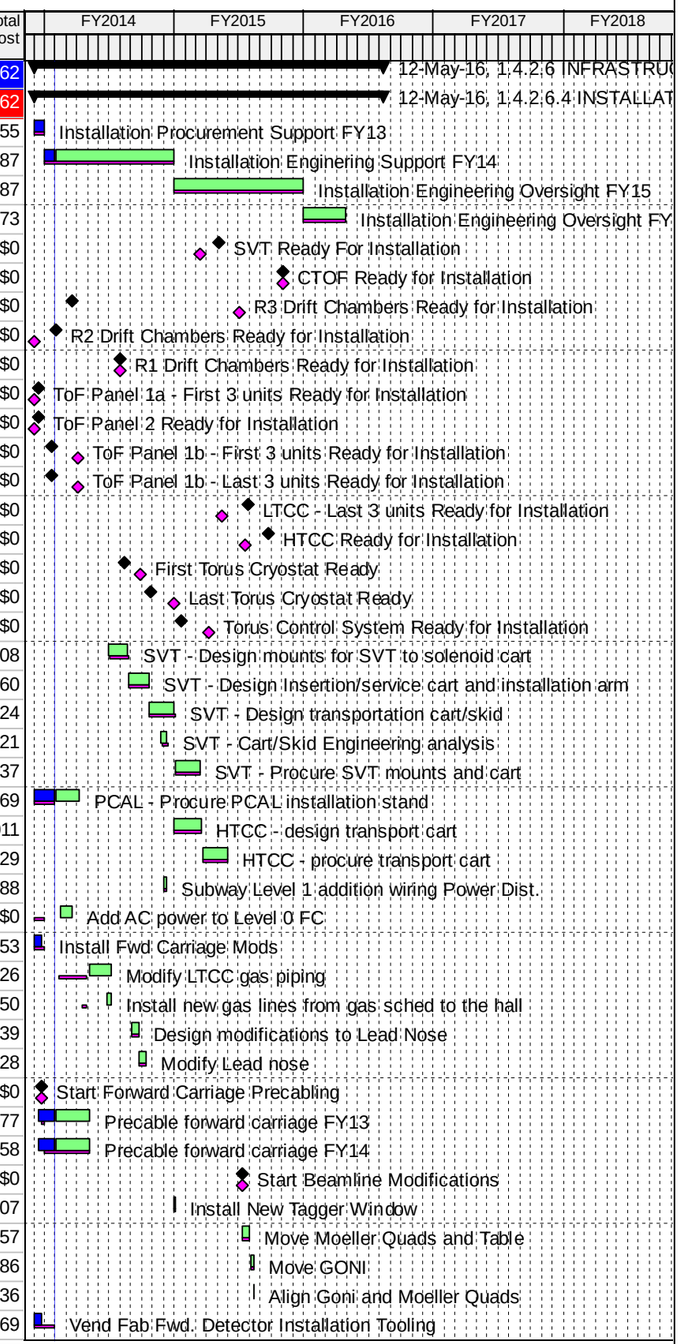
Activity ID	Activ with Step	EVA Rep Cod	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
1.4.2.6 INFRASTRUCTURE				03-Sep-13 A	12-May-16	28-Jan-16	69.0w		$135,361	$2,756,362
1.4.2.6.4 INSTALLATION				03-Sep-13 A	12-May-16	28-Jan-16	69.0w		$135,361	$2,756,362
24264002LC		E	Installation Procurement Support FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$9,955	$9,955
24264003LC		E	Installation Enginering Support FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	148.4w	9.31%	$11,860	$127,387
24264005LC		E	Installation Engineering Oversight FY15	30-Sep-14	29-Sep-15	29-Sep-15	84.0w	0%	$0	$453,187
24264006LC		E	Installation Engineering Oversight FY16	30-Sep-15	28-Jan-16	28-Jan-16	84.0w	0%	$0	$151,473
24264010M		M	SVT Ready For Installation	05-Feb-15			40.0w	0%	$0	$0
24264015M		M	CTOF Ready for Installation	05-Aug-15			9.0w	0%	$0	$0
24264020M		M	R3 Drift Chambers Ready for Installation	16-Dec-13			96.0w	0%	$0	$0
24264025M		M	R2 Drift Chambers Ready for Installation	01-Nov-13			97.4w	0%	$0	$0
24264030M		M	R1 Drift Chambers Ready for Installation	01-May-14			76.8w	0%	$0	$0
24264035M		M	ToF Panel 1a - First 3 units Ready for Installation	16-Sep-13 A				100%	$0	$0
24264045M		M	ToF Panel 2 Ready for Installation	16-Sep-13 A				100%	$0	$0
24264050M		M	ToF Panel 1b - First 3 units Ready for Installation	21-Oct-13 A				100%	$0	$0
24264055M		M	ToF Panel 1b - Last 3 units Ready for Installation	21-Oct-13 A				100%	$0	$0
24264065M		M	LTCC - Last 3 units Ready for Installation	27-Apr-15			26.4w	0%	$0	$0
24264080M		M	HTCC Ready for Installation	22-Jun-15			22.8w	0%	$0	$0
24264085M		M	First Torus Cryostat Ready	13-May-14			16.6w	0%	$0	$0
24264090M		M	Last Torus Cryostat Ready	29-Jul-14			23.4w	0%	$0	$0
24264095M		M	Torus Control System Ready for Installation	22-Oct-14			36.4w	0%	$0	$0
24264105		H	SVT - Design mounts for SVT to solenoid cart	01-Apr-14	23-May-14	27-May-14	50.6w	0%	$0	$8,208
24264110		H	SVT - Design Insertion/service cart and installation arm	27-May-14	21-Jul-14	22-Jul-14	50.6w	0%	$0	$10,260
24264115	ST	S	SVT - Design transportation cart/skid	22-Jul-14	02-Oct-14	03-Oct-14	50.6w	0%	$0	$24,624
24264120	ST	S	SVT - Cart/Skid Engineering analysis	26-Aug-14	11-Sep-14	12-Sep-14	53.6w	0%	$0	$17,921
24264125		D	SVT - Procure SVT mounts and cart	03-Oct-14	12-Dec-14	15-Dec-14	50.6w	0%	$0	$33,137
24264140		D	PCAL - Procure PCAL installation stand	03-Sep-13 A	09-Jan-14	28-Oct-13	80.6w	0%	$0	$21,969
24264145	ST	S	HTCC - design transport cart	01-Oct-14	19-Dec-14	19-Dec-14	38.8w	0%	$0	$18,011
24264160		D	HTCC - procure transport cart	22-Dec-14	27-Feb-15	27-Feb-15	38.8w	0%	$0	$36,629
24264230	ST	S	Subway Level 1 addition wiring Power Dist.	03-Sep-14	09-Sep-14	10-Sep-14	38.2w	0%	$0	$10,988
24264270		Z	Add AC power to Level 0 FC	15-Nov-13	16-Dec-13	02-Oct-13	85.0w	0%	$0	$0
24264278		H	Install Fwd Carriage Mods	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$71,953	$71,953
24264280	ST	S	Modify LTCC gas piping	07-Feb-14	08-Apr-14	27-Jan-14	85.0w	0%	$0	$35,026
24264281	ST	S	Install new gas lines from gas sched to the hall	27-Mar-14	09-Apr-14	28-Jan-14	85.0w	0%	$0	$13,250
24264282		H	Design modifications to Lead Nose	04-Jun-14	24-Jun-14	25-Jun-14	66.2w	0%	$0	$6,439
24264285		H	Modify Lead nose	25-Jun-14	14-Jul-14	15-Jul-14	66.2w	0%	$0	$3,028
24264297M		M	Start Forward Carriage Precabling	22-Sep-13 A				100%	$0	$0
24264300	ST	S	Precable forward carriage FY13	16-Sep-13 A	05-Feb-14	30-Sep-13	77.0w	16%	$652	$4,077
24264300a	ST	S	Precable forward carriage FY14	16-Sep-13 A	05-Feb-14	05-Feb-14	77.0w	16%	$10,905	$68,158
24264340M		M	Start Beamline Modifications	13-Apr-15			30.4w	0%	$0	$0
24264345		H	Install New Tagger Window	01-Oct-14	03-Oct-14	03-Oct-14	60.2w	0%	$0	$3,407
24264350	ST	S	Move Moeller Quads and Table	13-Apr-15	01-May-15	01-May-15	30.4w	0%	$0	$11,357
24264355		H	Move GONI	04-May-15	12-May-15	12-May-15	30.4w	0%	$0	$3,786
24264360		H	Align Goni and Moeller Quads	13-May-15	15-May-15	15-May-15	30.4w	0%	$0	$1,136
24264362		D	Vend Fab Fwd. Detector Installation Tooling	03-Sep-13 A	23-Sep-13	28-Oct-13		100%	$21,069	$21,069



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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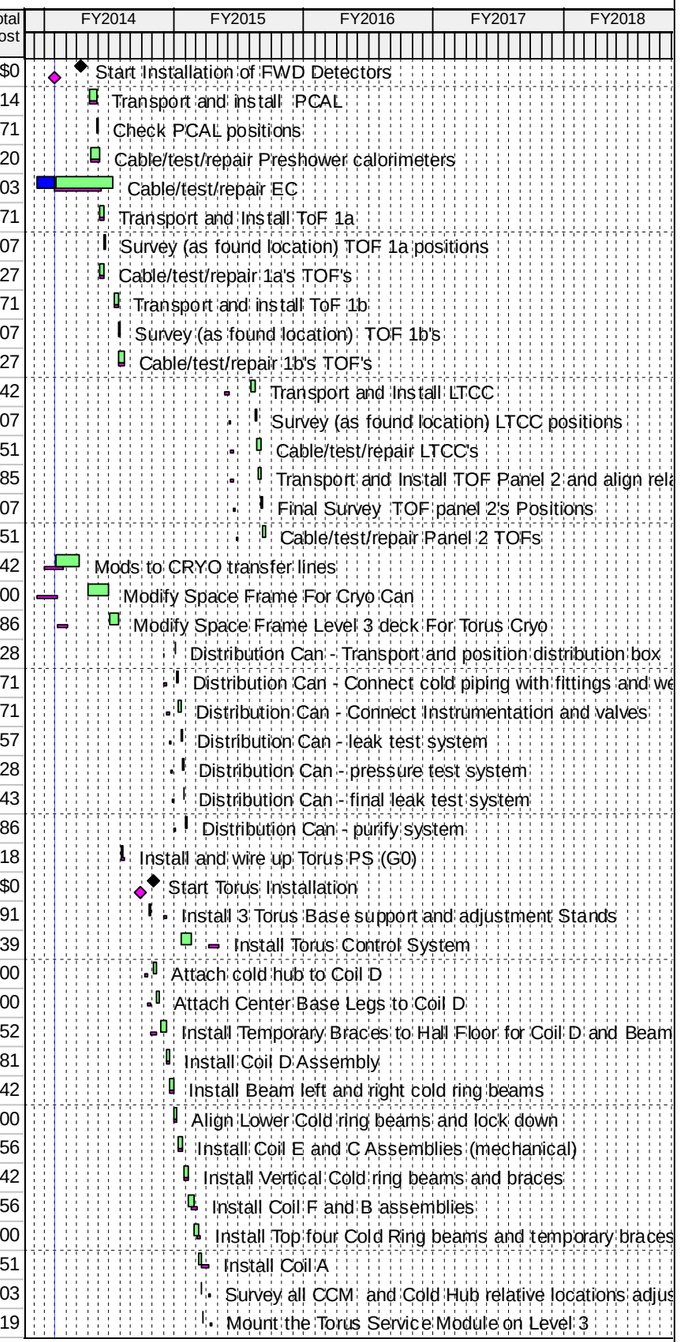
Activity ID	Activ with Step	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24264364M		M	Start Installation of FWD Detectors	10-Jan-14			80.6w	0%	$0	$0
24264365	ST	S	Transport and install PCAL	06-Feb-14	26-Feb-14	26-Feb-14	77.0w	0%	$0	$22,714
24264370		H	Check PCAL positions	27-Feb-14	28-Feb-14	28-Feb-14	88.4w	0%	$0	$2,271
24264390		H	Cable/test/repair Preshower calorimeters	10-Feb-14	07-Mar-14	07-Mar-14	89.6w	0%	$0	$8,820
24264395	ST	S	Cable/test/repair EC	09-Sep-13 A	11-Apr-14	11-Mar-14	84.6w	55%	$8,966	$16,303
24264400	ST	S	Transport and Install ToF 1a	04-Mar-14	18-Mar-14	18-Mar-14	88.4w	0%	$0	$18,171
24264405		H	Survey (as found location) TOF 1a positions	20-Mar-14	21-Mar-14	21-Mar-14	88.4w	0%	$0	$3,407
24264410	ST	S	Cable/test/repair 1a's TOF's	05-Mar-14	17-Mar-14	17-Mar-14	88.4w	0%	$0	$12,227
24264430	ST	S	Transport and install ToF 1b	14-Apr-14	29-Apr-14	29-Apr-14	77.0w	0%	$0	$18,171
24264435		H	Survey (as found location) TOF 1b's	30-Apr-14	01-May-14	01-May-14	77.0w	0%	$0	$3,407
24264440	ST	S	Cable/test/repair 1b's TOF's	30-Apr-14	13-May-14	13-May-14	80.2w	0%	$0	$12,227
24264460	ST	S	Transport and Install LTCC	06-May-15	19-May-15	05-Mar-15	26.4w	0%	$0	$15,142
24264465		H	Survey (as found location) LTCC positions	20-May-15	22-May-15	10-Mar-15	26.4w	0%	$0	$3,407
24264470		H	Cable/test/repair LTCC's	22-May-15	02-Jun-15	17-Mar-15	28.4w	0%	$0	$8,151
24264490		H	Transport and Install TOF Panel 2 and align relative to panel 1a	26-May-15	03-Jun-15	18-Mar-15	26.4w	0%	$0	$9,085
24264495		H	Final Survey TOF panel 2's Positions	04-Jun-15	08-Jun-15	23-Mar-15	26.4w	0%	$0	$3,407
24264500		H	Cable/test/repair Panel 2 TOFs	09-Jun-15	16-Jun-15	31-Mar-15	26.4w	0%	$0	$8,151
24264515		S	Mods to CRYO transfer lines	01-Nov-13	09-Jan-14	25-Nov-13	63.2w	0%	$0	$15,142
24264517		D	Modify Space Frame For Cryo Can	03-Feb-14	01-Apr-14	05-Nov-13	48.0w	0%	$0	$20,000
24264520		H	Modify Space Frame Level 3 deck For Torus Cryo	02-Apr-14	29-Apr-14	05-Dec-13	48.0w	0%	$0	$3,786
24264525		H	Distribution Can - Transport and position distribution box	03-Oct-14	06-Oct-14	03-Sep-14	26.0w	0%	$0	$3,028
24264527		H	Distribution Can - Connect cold piping with fittings and welding	07-Oct-14	13-Oct-14	10-Sep-14	26.0w	0%	$0	$7,571
24264529		H	Distribution Can - Connect Instrumentation and valves	14-Oct-14	20-Oct-14	17-Sep-14	26.0w	0%	$0	$7,571
24264531		H	Distribution Can - leak test system	21-Oct-14	24-Oct-14	23-Sep-14	26.0w	0%	$0	$6,057
24264533		H	Distribution Can - pressure test system	27-Oct-14	28-Oct-14	25-Sep-14	26.0w	0%	$0	$3,028
24264535		H	Distribution Can - final leak test system	29-Oct-14	31-Oct-14	30-Sep-14	26.0w	0%	$0	$4,543
24264540		H	Distribution Can - purify system	03-Nov-14	05-Nov-14	03-Oct-14	26.0w	0%	$0	$3,786
24264545		H	Install and wire up Torus PS (G0)	06-May-14	12-May-14	13-May-14	16.6w	0%	$0	$7,518
24264548M		M	Start Torus Installation		04-Aug-14	30-Jun-14	5.0w	0%	$0	$0
24264550			Install 3 Torus Base support and adjustment Stands	22-Jul-14	28-Jul-14	08-Sep-14	10.8w	0%	$0	$10,091
24264555			Install Torus Control System	22-Oct-14	18-Nov-14	04-Feb-15	36.4w	0%	$0	$19,539
24264565			Attach cold hub to Coil D	05-Aug-14	13-Aug-14	17-Jul-14	5.0w	0%	$0	$10,600
24264570			Attach Center Base Legs to Coil D	14-Aug-14	22-Aug-14	28-Jul-14	5.0w	0%	$0	$10,600
24264575			Install Temporary Braces to Hall Floor for Coil D and Beam left and right Cold	25-Aug-14	08-Sep-14	11-Aug-14	5.0w	0%	$0	$27,752
24264580			Install Coil D Assembly	09-Sep-14	17-Sep-14	17-Sep-14	5.0w	0%	$0	$20,081
24264585			Install Beam left and right cold ring beams	18-Sep-14	01-Oct-14	01-Oct-14	5.0w	0%	$0	$15,142
24264590			Align Lower Cold ring beams and lock down	02-Oct-14	10-Oct-14	10-Oct-14	5.0w	0%	$0	$15,900
24264595			Install Coil E and C Assemblies (mechanical)	13-Oct-14	27-Oct-14	27-Oct-14	5.0w	0%	$0	$31,556
24264600			Install Vertical Cold ring beams and braces	28-Oct-14	10-Nov-14	10-Nov-14	5.0w	0%	$0	$15,142
24264605			Install Coil F and B assemblies	11-Nov-14	25-Nov-14	04-Dec-14	5.0w	0%	$0	$31,556
24264610			Install Top four Cold Ring beams and temporary braces	26-Nov-14	08-Dec-14	15-Dec-14	5.0w	0%	$0	$10,600
24264615			Install Coil A	09-Dec-14	16-Dec-14	07-Jan-15	5.0w	0%	$0	$16,651
24264620			Survey all CCM and Cold Hub relative locations adjust as necessary	17-Dec-14	19-Dec-14	12-Jan-15	5.0w	0%	$0	$6,903
24264625			Mount the Torus Service Module on Level 3	22-Dec-14	22-Dec-14	13-Jan-15	5.0w	0%	$0	$1,719

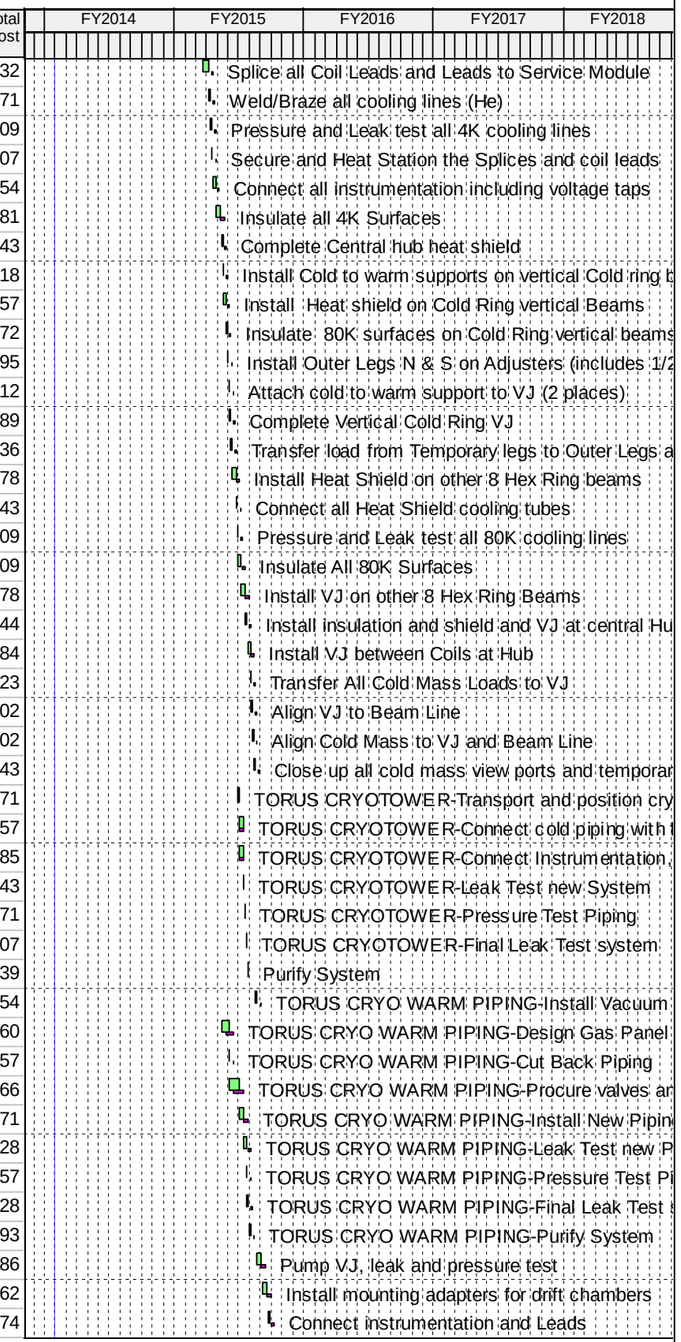


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

(c) Primavera Systems, Inc.

Activity ID	Activ with Step	EVM Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24264630			Splice all Coil Leads and Leads to Service Module	23-Dec-14	07-Jan-15	20-Jan-15	5.0w	0%	$0	$6,932
24264635			Weld/Braze all cooling lines (He)	08-Jan-15	09-Jan-15	22-Jan-15	5.0w	0%	$0	$2,271
24264640			Pressure and Leak test all 4K cooling lines	12-Jan-15	13-Jan-15	26-Jan-15	5.0w	0%	$0	$2,709
24264645			Secure and Heat Station the Splices and coil leads	14-Jan-15	16-Jan-15	29-Jan-15	5.0w	0%	$0	$3,407
24264650			Connect all instrumentation including voltage taps	20-Jan-15	27-Jan-15	06-Feb-15	5.0w	0%	$0	$9,054
24264655			Insulate all 4K Surfaces	28-Jan-15	10-Feb-15	20-Feb-15	5.0w	0%	$0	$20,181
24264660			Complete Central hub heat shield	11-Feb-15	16-Feb-15	26-Feb-15	5.0w	0%	$0	$4,543
24264665			Install Cold to warm supports on vertical Cold ring beams	17-Feb-15	17-Feb-15	27-Feb-15	5.0w	0%	$0	$2,018
24264670			Install Heat shield on Cold Ring vertical Beams	18-Feb-15	23-Feb-15	05-Mar-15	5.0w	0%	$0	$6,057
24264675			Insulate 80K surfaces on Cold Ring vertical beams	24-Feb-15	27-Feb-15	11-Mar-15	5.0w	0%	$0	$8,072
24264680			Install Outer Legs N & S on Adjusters (includes 1/2 of CS VJ)	02-Mar-15	03-Mar-15	13-Mar-15	5.0w	0%	$0	$6,495
24264685			Attach cold to warm support to VJ (2 places)	04-Mar-15	04-Mar-15	16-Mar-15	5.0w	0%	$0	$2,112
24264690			Complete Vertical Cold Ring VJ	05-Mar-15	10-Mar-15	20-Mar-15	5.0w	0%	$0	$12,989
24264695			Transfer load from Temporary legs to Outer Legs and Remove Temp legs	11-Mar-15	12-Mar-15	24-Mar-15	5.0w	0%	$0	$4,036
24264700			Install Heat Shield on other 8 Hex Ring beams	13-Mar-15	24-Mar-15	03-Apr-15	5.0w	0%	$0	$25,978
24264705			Connect all Heat Shield cooling tubes	25-Mar-15	27-Mar-15	08-Apr-15	5.0w	0%	$0	$4,543
24264710			Pressure and Leak test all 80K cooling lines	30-Mar-15	31-Mar-15	10-Apr-15	5.0w	0%	$0	$2,709
24264715			Insulate All 80K Surfaces	01-Apr-15	08-Apr-15	20-Apr-15	5.0w	0%	$0	$12,109
24264720			Install VJ on other 8 Hex Ring Beams	09-Apr-15	20-Apr-15	30-Apr-15	5.0w	0%	$0	$25,978
24264723			Install insulation and shield and VJ at central Hub	21-Apr-15	24-Apr-15	06-May-15	5.0w	0%	$0	$5,044
24264725			Install VJ between Coils at Hub	27-Apr-15	04-May-15	14-May-15	5.0w	0%	$0	$19,484
24264730			Transfer All Cold Mass Loads to VJ	05-May-15	06-May-15	18-May-15	5.0w	0%	$0	$4,223
24264735			Align VJ to Beam Line	07-May-15	08-May-15	20-May-15	5.0w	0%	$0	$4,602
24264740			Align Cold Mass to VJ and Beam Line	11-May-15	12-May-15	22-May-15	5.0w	0%	$0	$4,602
24264755			Close up all cold mass view ports and temporary CCM support ports	13-May-15	18-May-15	29-May-15	5.0w	0%	$0	$4,543
24264757			TORUS CRYOTOWER-Transport and position cryotower	31-Mar-15	01-Apr-15	01-Apr-15	7.6w	0%	$0	$2,271
24264757A			TORUS CRYOTOWER-Connect cold piping with fittings and welding	02-Apr-15	15-Apr-15	15-Apr-15	7.6w	0%	$0	$11,357
24264757B			TORUS CRYOTOWER-Connect Instrumentation, valves and current leads	02-Apr-15	13-Apr-15	13-Apr-15	7.6w	0%	$0	$9,085
24264757C			TORUS CRYOTOWER-Leak Test new System	14-Apr-15	17-Apr-15	17-Apr-15	7.6w	0%	$0	$4,543
24264757D			TORUS CRYOTOWER-Pressure Test Piping	20-Apr-15	21-Apr-15	21-Apr-15	7.6w	0%	$0	$2,271
24264757F			TORUS CRYOTOWER-Final Leak Test system	22-Apr-15	24-Apr-15	24-Apr-15	7.6w	0%	$0	$3,407
24264757G			Purify System	27-Apr-15	29-Apr-15	29-Apr-15	7.6w	0%	$0	$2,839
24264760			TORUS CRYO WARM PIPING-Install Vacuum pumping system	19-May-15	20-May-15	03-Jun-15	5.0w	0%	$0	$5,354
24264762			TORUS CRYO WARM PIPING-Design Gas Panel and Piping	12-Feb-15	04-Mar-15	16-Mar-15	7.4w	0%	$0	$8,960
24264762A			TORUS CRYO WARM PIPING-Cut Back Piping	05-Mar-15	05-Mar-15	17-Mar-15	7.4w	0%	$0	$757
24264762B			TORUS CRYO WARM PIPING-Procure valves and fitting	06-Mar-15	02-Apr-15	14-Apr-15	7.4w	0%	$0	$22,266
24264762C			TORUS CRYO WARM PIPING-Install New Piping	03-Apr-15	16-Apr-15	28-Apr-15	7.4w	0%	$0	$7,571
24264762D			TORUS CRYO WARM PIPING-Leak Test new Piping	17-Apr-15	22-Apr-15	04-May-15	7.4w	0%	$0	$3,028
24264762F			TORUS CRYO WARM PIPING-Pressure Test Piping	23-Apr-15	23-Apr-15	05-May-15	7.4w	0%	$0	$757
24264762G			TORUS CRYO WARM PIPING-Final Leak Test system	24-Apr-15	29-Apr-15	11-May-15	7.4w	0%	$0	$3,028
24264762H			TORUS CRYO WARM PIPING-Purify System	30-Apr-15	04-May-15	14-May-15	7.4w	0%	$0	$1,893
24264765			Pump VJ, leak and pressure test	21-May-15	05-Jun-15	17-Jun-15	5.0w	0%	$0	$3,786
24264770			Install mounting adapters for drift chambers	08-Jun-15	19-Jun-15	01-Jul-15	5.0w	0%	$0	$24,462
24264775			Connect instrumentation and Leads	22-Jun-15	26-Jun-15	09-Jul-15	5.0w	0%	$0	$20,874

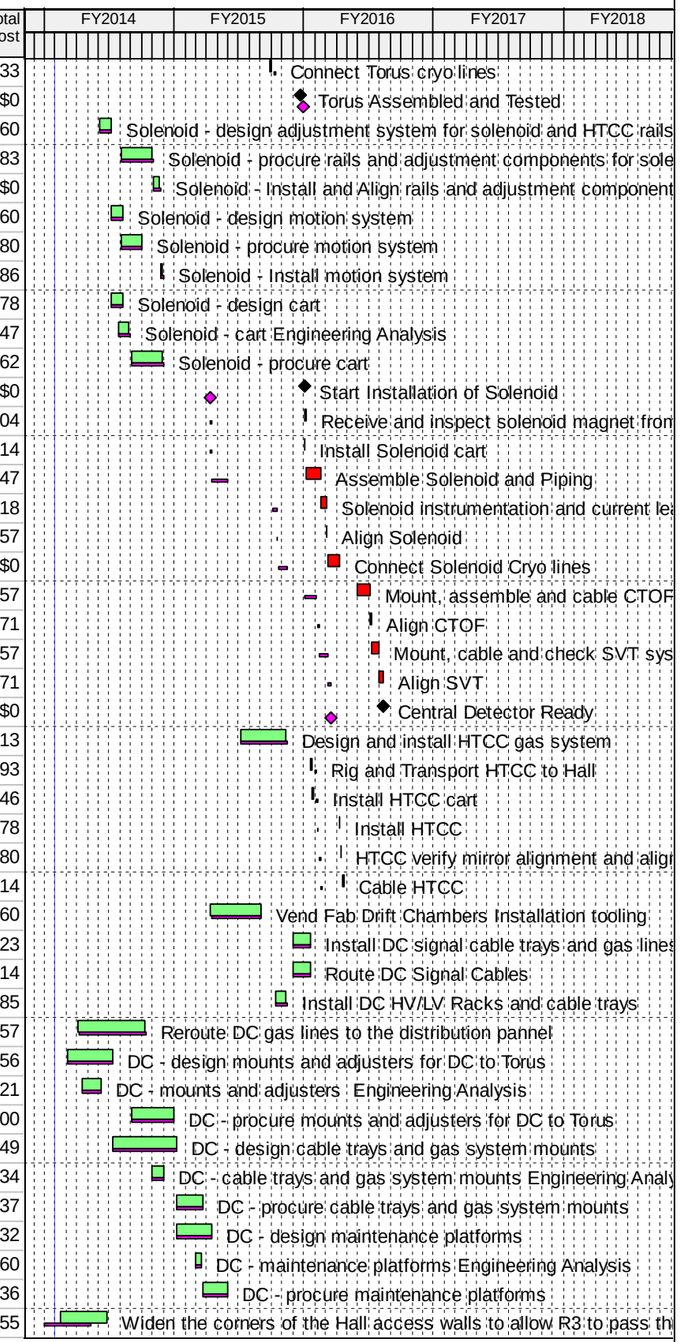


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

(c) Primavera Systems, Inc.

Activity ID	Activ with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24264780			Connect Torus cryo lines	29-Jun-15	30-Jun-15	13-Jul-15	5.0w	0%	$0	$9,233
24264788M		M	Torus Assembled and Tested	21-Sep-15			5.0w	0%	$0	$0
24264790		H	Solenoid - design adjustment system for solenoid and HTCC rails	04-Mar-14	07-Apr-14	08-Apr-14	35.6w	0%	$0	$10,260
24264791		D	Solenoid - procure rails and adjustment components for solenoid and HTCC r	05-May-14	01-Aug-14	04-Aug-14	35.6w	0%	$0	$22,783
24264792		Z	Solenoid - Install and Align rails and adjustment components for solenoid anc	04-Aug-14	22-Aug-14	25-Aug-14	35.6w	0%	$0	$0
24264793		H	Solenoid - design motion system	08-Apr-14	09-May-14	12-May-14	42.8w	0%	$0	$10,260
24264794		D	Solenoid - procure motion system	05-May-14	02-Jul-14	03-Jul-14	42.8w	0%	$0	$3,580
24264794a		H	Solenoid - Install motion system	25-Aug-14	29-Aug-14	02-Sep-14	35.6w	0%	$0	$3,786
24264795	ST	S	Solenoid - design cart	08-Apr-14	09-May-14	12-May-14	35.6w	0%	$0	$12,878
24264796	ST	S	Solenoid - cart Engineering Analysis	28-Apr-14	28-May-14	29-May-14	35.6w	0%	$0	$11,947
24264797		D	Solenoid - procure cart	02-Jun-14	29-Aug-14	02-Sep-14	35.2w	0%	$0	$54,762
24264798M		M	Start Installation of Solenoid	05-Oct-15			-18.6w	0%	$0	$0
24264800		S	Receive and inspect solenoid magnet from Vendor	05-Oct-15	07-Oct-15	15-Jan-15	-18.6w	0%	$0	$17,304
24264805		H	Install Solenoid cart	05-Oct-15	05-Oct-15	13-Jan-15	-18.2w	0%	$0	$1,514
24264810		S	Assemble Solenoid and Piping	08-Oct-15	18-Nov-15	27-Feb-15	-18.6w	0%	$0	$20,147
24264815		H	Solenoid instrumentation and current leads	18-Nov-15	03-Dec-15	17-Jul-15	-18.6w	0%	$0	$7,518
24264820		H	Align Solenoid	03-Dec-15	04-Dec-15	20-Jul-15	-18.6w	0%	$0	$757
24264825		Z	Connect Solenoid Cryo lines	07-Dec-15	12-Jan-16	17-Aug-15	-18.6w	0%	$0	$0
24264845	ST	S	Mount, assemble and cable CTOF system	01-Mar-16	04-Apr-16	06-Nov-15	-18.6w	0%	$0	$21,157
24264850		H	Align CTOF	05-Apr-16	11-Apr-16	13-Nov-15	-18.6w	0%	$0	$2,271
24264855	ST	S	Mount, cable and check SVT system	11-Apr-16	29-Apr-16	07-Dec-15	-18.6w	0%	$0	$21,157
24264860		H	Align SVT	29-Apr-16	12-May-16	18-Dec-15	-18.6w	0%	$0	$2,271
24264860M		M	Central Detector Ready		12-May-16	18-Dec-15	-18.6w	0%	$0	$0
24264868	ST	S	Design and install HTCC gas system	07-Apr-15	13-Aug-15	14-Aug-15	15.6w	0%	$0	$17,513
24264870		H	Rig and Transport HTCC to Hall	22-Oct-15	23-Oct-15	04-Nov-15	5.6w	0%	$0	$1,893
24264872		H	Install HTCC cart	26-Oct-15	29-Oct-15	10-Nov-15	5.6w	0%	$0	$946
24264874		H	Install HTCC	11-Jan-16	12-Jan-16	12-Nov-15	-2.8w	0%	$0	$5,678
24264876		H	HTCC verify mirror alignment and align detector to beam	13-Jan-16	15-Jan-16	17-Nov-15	-2.8w	0%	$0	$5,880
24264878		H	Cable HTCC	19-Jan-16	22-Jan-16	23-Nov-15	-2.8w	0%	$0	$1,514
24264880		D	Vend Fab Drift Chambers Installation tooling	12-Jan-15	03-Jun-15	05-Jun-15	20.0w	0%	$0	$21,060
24264882	ST	S	Install DC signal cable trays and gas lines	02-Sep-15	21-Oct-15	22-Oct-15	10.0w	0%	$0	$54,523
24264884	ST	S	Route DC Signal Cables	02-Sep-15	21-Oct-15	22-Oct-15	10.0w	0%	$0	$22,714
24264886		H	Install DC HV/LV Racks and cable trays	15-Jul-15	13-Aug-15	14-Aug-15	10.0w	0%	$0	$9,085
24264888	ST	S	Reroute DC gas lines to the distribution pannel	02-Jan-14	11-Jul-14	15-Jul-14	72.0w	0%	$0	$11,357
24264890	ST	S	DC - design mounts and adjusters for DC to Torus	05-Dec-13	10-Apr-14	10-Apr-14	45.2w	0%	$0	$25,756
24264895	ST	S	DC - mounts and adjusters Engineering Analysis	16-Jan-14	10-Mar-14	10-Mar-14	49.8w	0%	$0	$17,921
24264900		D	DC - procure mounts and adjusters for DC to Torus	02-Jun-14	29-Sep-14	30-Sep-14	38.2w	0%	$0	$78,000
24264905	ST	S	DC - design cable trays and gas system mounts	10-Apr-14	08-Oct-14	09-Oct-14	10.0w	0%	$0	$30,049
24264910	ST	S	DC - cable trays and gas system mounts Engineering Analysis	31-Jul-14	02-Sep-14	03-Sep-14	15.0w	0%	$0	$14,934
24264915		D	DC - procure cable trays and gas system mounts	08-Oct-14	22-Dec-14	23-Dec-14	10.0w	0%	$0	$34,537
24264920	ST	S	DC - design maintenance platforms	10-Oct-14	15-Jan-15	15-Jan-15	33.2w	0%	$0	$10,732
24264925		H	DC - maintenance platforms Engineering Analysis	01-Dec-14	19-Dec-14	19-Dec-14	33.2w	0%	$0	$8,960
24264930		D	DC - procure maintenance platforms	22-Dec-14	27-Feb-15	27-Feb-15	33.2w	0%	$0	$19,836
24264935		H	Widen the corners of the Hall access walls to allow R3 to pass through horizc	15-Nov-13	26-Mar-14	07-Feb-14	78.8w	0%	$0	$8,255



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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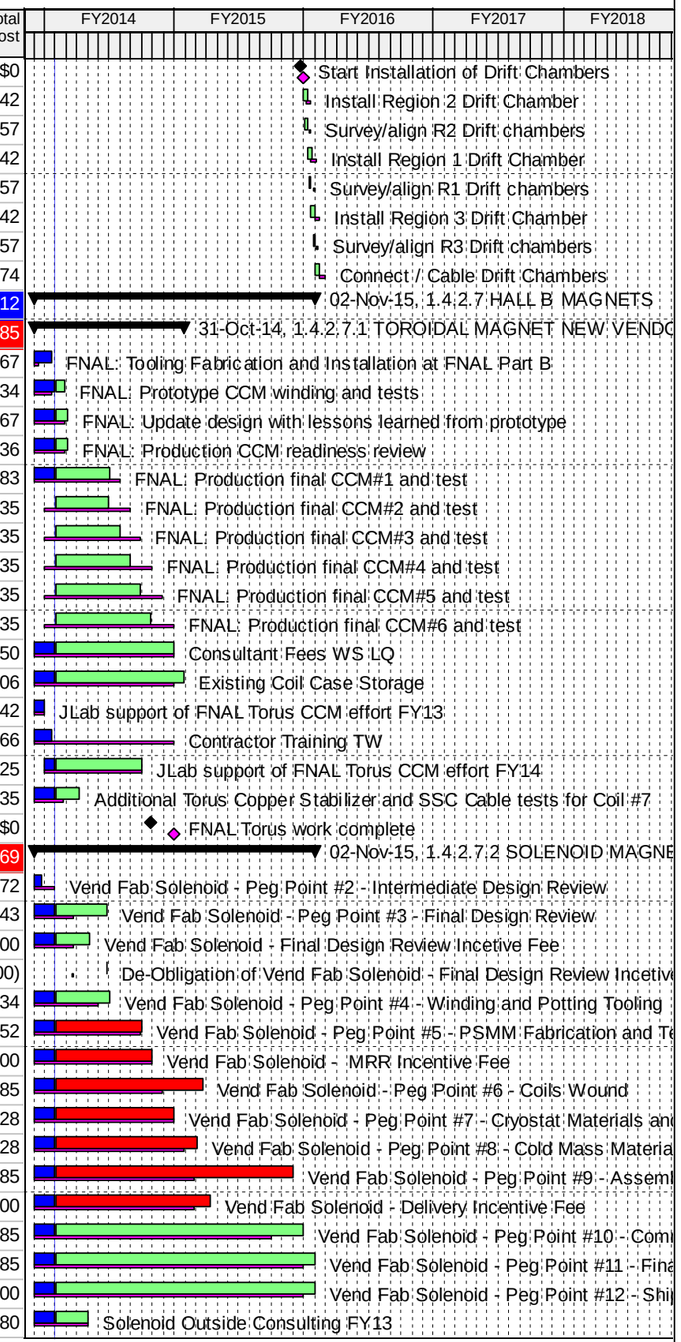
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24264960M		M	Start Installation of Drift Chambers	21-Sep-15			5.0w	0%	$0	$0
24264965	ST	S	Install Region 2 Drift Chamber	29-Sep-15	12-Oct-15	22-Oct-15	5.0w	0%	$0	$25,742
24264970	ST	S	Survey/align R2 Drift chambers	06-Oct-15	12-Oct-15	22-Oct-15	5.0w	0%	$0	$11,357
24264975	ST	S	Install Region 1 Drift Chamber	12-Oct-15	23-Oct-15	04-Nov-15	5.0w	0%	$0	$25,742
24264980	ST	S	Survey/align R1 Drift chambers	15-Oct-15	21-Oct-15	02-Nov-15	5.0w	0%	$0	$11,357
24264985	ST	S	Install Region 3 Drift Chamber	21-Oct-15	03-Nov-15	13-Nov-15	5.0w	0%	$0	$25,742
24264990	ST	S	Survey/align R3 Drift chambers	27-Oct-15	02-Nov-15	12-Nov-15	5.0w	0%	$0	$11,357
24264995		H	Connect / Cable Drift Chambers	03-Nov-15	16-Nov-15	30-Nov-15	5.0w	0%	$0	$9,774
1.4.2.7 HALL B MAGNETS				03-Sep-13 A	02-Nov-15	30-Sep-15	94.4w		$1,054,119	$13,421,812
1.4.2.7.1 TOROIDAL MAGNET NEW VENDOR				03-Sep-13 A	31-Oct-14	30-Sep-14	56.4w		$84,863	$1,075,985
24271665		D	FNAL: Tooling Fabrication and Installation at FNAL Part B	03-Sep-13 A	21-Oct-13 A	16-Sep-13		100%	$2,467	$2,467
24271680		D	FNAL: Prototype CCM winding and tests	03-Sep-13 A	27-Nov-13	21-Oct-13	31.8w	90%	$31,711	$35,234
24271685		D	FNAL: Update design with lessons learned from prototype	03-Sep-13 A	04-Dec-13	27-Nov-13	28.8w	25%	$11,642	$46,567
24271690		D	FNAL: Production CCM readiness review	03-Sep-13 A	04-Dec-13	27-Nov-13	20.8w	0%	$0	$24,836
24271695		D	FNAL: Production final CCM#1 and test	03-Sep-13 A	03-Apr-14	30-Apr-14	12.8w	0%	$0	$133,483
24271700		D	FNAL: Production final CCM#2 and test	01-Nov-13	31-Mar-14	30-May-14	16.0w	0%	$0	$123,135
24271705		D	FNAL: Production final CCM#3 and test	01-Nov-13	30-Apr-14	30-Jun-14	15.4w	0%	$0	$123,135
24271710		D	FNAL: Production final CCM#4 and test	01-Nov-13	30-May-14	31-Jul-14	14.6w	0%	$0	$123,135
24271715		D	FNAL: Production final CCM#5 and test	01-Nov-13	30-Jun-14	29-Aug-14	12.6w	0%	$0	$123,135
24271720		D	FNAL: Production final CCM#6 and test	01-Nov-13	28-Jul-14	30-Sep-14	9.0w	0%	$0	$123,135
24271725 LC		E	Consultant Fees WS LQ	03-Sep-13 A	30-Sep-14	30-Sep-14	60.8w	16.1%	$3,695	$22,950
24271730		D	Existing Coil Case Storage	03-Sep-13 A	31-Oct-14	30-Sep-14	56.2w	0%	$0	$2,106
24271730LC		E	JLab support of FNAL Torus CCM effort FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$16,042	$16,042
24271735		D	Contractor Training TW	03-Sep-13 A	21-Oct-13 A	30-Sep-14		100%	$266	$266
24271735LC		E	JLab support of FNAL Torus CCM effort FY14	01-Oct-13 A	01-Jul-14	01-Jul-14	14.4w	12.5%	$19,041	$152,325
24271740		D	Additional Torus Copper Stabilizer and SSC Cable tests for Coil #7	03-Sep-13 A	09-Jan-14	25-Nov-13	19.2w	0%	$0	$24,035
24271740M		M	FNAL Torus work complete		28-Jul-14	30-Sep-14	9.0w	0%	$0	$0
1.4.2.7.2 SOLENOID MAGNET NEW VENDOR				03-Sep-13 A	02-Nov-15	30-Sep-15	94.4w		$272,768	$3,009,169
24272075		D	Vend Fab Solenoid - Peg Point #2 - Intermediate Design Review	03-Sep-13 A	23-Sep-13	31-Oct-13		100%	$49,772	$49,772
24272075a		D	Vend Fab Solenoid - Peg Point #3 - Final Design Review	03-Sep-13 A	25-Mar-14	20-Dec-13	4.2w	75%	$74,657	$99,543
24272075b		D	Vend Fab Solenoid - Final Design Review Incetive Fee	03-Sep-13 A	04-Feb-14	20-Dec-13	7.6w	0%	$0	$200,000
24272075ba		D	De-Obligation of Vend Fab Solenoid - Final Design Review Incetive Fee	25-Mar-14	25-Mar-14	20-Dec-13	4.2w	0%	$0	($135,000)
24272075c		D	Vend Fab Solenoid - Peg Point #4 - Winding and Potting Tooling	03-Sep-13 A	02-Apr-14	28-Feb-14	3.6w	0%	$0	$79,634
24272075d		D	Vend Fab Solenoid - Peg Point #5 - PSMM Fabrication and Testing	03-Sep-13 A	02-Jul-14	30-Jun-14	-0.4w	0%	$0	$119,452
24272075f		D	Vend Fab Solenoid - MRR Incentive Fee	03-Sep-13 A	31-Jul-14	31-Jul-14	-8.6w	0%	$0	$200,000
24272075g		D	Vend Fab Solenoid - Peg Point #6 - Coils Wound	03-Sep-13 A	23-Dec-14	29-Aug-14	-17.2w	0%	$0	$199,085
24272075h		D	Vend Fab Solenoid - Peg Point #7 - Cryostat Materials and Components	03-Sep-13 A	30-Sep-14	30-Sep-14	-20.8w	0%	$0	$298,628
24272075j		D	Vend Fab Solenoid - Peg Point #8 - Cold Mass Materials and Components	03-Sep-13 A	05-Dec-14	31-Oct-14	-29.4w	0%	$0	$298,628
24272075k		D	Vend Fab Solenoid - Peg Point #9 - Assembly and Test	03-Sep-13 A	31-Aug-15	26-Nov-14	-33.4w	0%	$0	$199,085
24272075n		D	Vend Fab Solenoid - Delivery Incentive Fee	03-Sep-13 A	12-Jan-15	26-Nov-14	-1.2w	0%	$0	$600,000
24272075p		D	Vend Fab Solenoid - Peg Point #10 - Commissioning and Acceptance Test	03-Sep-13 A	30-Sep-15	30-Jun-15	11.0w	0%	$0	$199,085
24272075q		D	Vend Fab Solenoid - Peg Point #11 - Final Report and Closeout	03-Sep-13 A	02-Nov-15	30-Sep-15	11.0w	0%	$0	$199,085
24272075r		D	Vend Fab Solenoid - Peg Point #12 - Shipping Costs	03-Sep-13 A	02-Nov-15	30-Sep-15	7.0w	0%	$0	$6,000
24272080		D	Solenoid Outside Consulting FY13	03-Sep-13 A	31-Jan-14	31-Jan-14	121.2w	80%	$142,704	$178,380



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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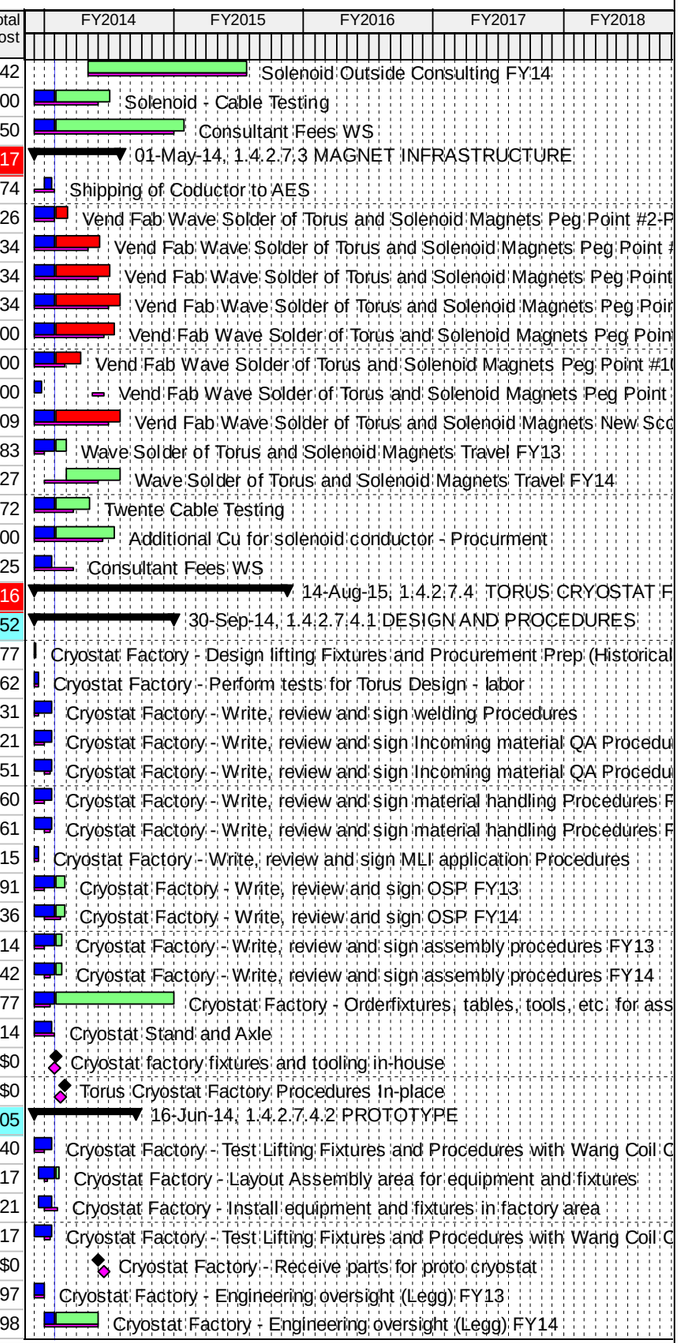
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24272085		D	Solenoid Outside Consulting FY14	03-Feb-14	23-Apr-15	23-Apr-15	121.2w	0%	$0	$185,742
24272405		D	Solenoid - Cable Testing	03-Sep-13 A	02-Apr-14	28-Feb-14	86.0w	0%	$0	$24,000
24272410		D	Consultant Fees WS	03-Sep-13 A	31-Oct-14	30-Sep-14	56.2w	70%	$5,635	$8,050
1.4.2.7.3 MAGNET INFRASTRUCTURE				03-Sep-13 A	01-May-14	31-Mar-14	82.0w		$157,461	$765,817
24273007		D	Shipping of Coductor to AES	01-Oct-13 A	21-Oct-13 A	31-Oct-13		100%	$8,874	$8,874
24273010B		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #2-Procure	03-Sep-13 A	05-Dec-13	31-Oct-13	-1.2w	0%	$0	$62,126
24273010H		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #6-Delivery	03-Sep-13 A	05-Mar-14	31-Jan-14	-5.2w	0%	$0	$60,934
24273010J		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #7-Delivery	03-Sep-13 A	02-Apr-14	28-Feb-14	-9.2w	0%	$0	$60,934
24273010K		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #8-Delivery	03-Sep-13 A	01-May-14	31-Mar-14	-13.2w	0%	$0	$60,934
24273010N		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #9-Additior	03-Sep-13 A	17-Apr-14	17-Mar-14	-5.2w	0%	$0	$107,400
24273010P		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #10-Additic	03-Sep-13 A	13-Jan-14	27-Nov-13	-9.2w	0%	$0	$79,600
24273010Q		D	Vend Fab Wave Solder of Torus and Solenoid Magnets Peg Point #10-Condu	03-Sep-13 A	23-Sep-13	17-Mar-14		100%	$51,000	$51,000
24273010R		D	Vend Fab Wave Solder of Torus and Solenoid Magnets New Scope	03-Sep-13 A	01-May-14	31-Mar-14	-13.2w	45%	$95,089	$211,309
24273012	ST	S	Wave Solder of Torus and Solenoid Magnets Travel FY13	03-Sep-13 A	02-Dec-13	30-Sep-13	81.8w	40%	$2,273	$5,683
24273012a	ST	S	Wave Solder of Torus and Solenoid Magnets Travel FY14	03-Dec-13	01-May-14	03-Mar-14	81.8w	0%	$0	$29,027
24273017		D	Twente Cable Testing	03-Sep-13 A	04-Feb-14	20-Dec-13	94.2w	0%	$0	$12,272
24273022		D	Additional Cu for solenoid conductor - Procurment	03-Sep-13 A	16-Apr-14	14-Mar-14	84.0w	0%	$0	$15,500
24273027		D	Consultant Fees WS	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$225	$225
1.4.2.7.4 TORUS CRYOSTAT FACTORY				03-Sep-13 A	14-Aug-15	14-Jul-15	18.0w		$224,088	$1,697,516
1.4.2.7.4.1 DESIGN AND PROCEDURES				03-Sep-13 A	30-Sep-14	15-Nov-13	41.8w		$52,113	$56,252
242741010		H	Cryostat Factory - Design lifting Fixtures and Procurement Prep (Historical)	03-Sep-13 A	06-Sep-13	05-Sep-13		100%	$4,677	$4,677
242741020		H	Cryostat Factory - Perform tests for Torus Design - labor	03-Sep-13 A	14-Sep-13	16-Sep-13		100%	$462	$462
242741030		H	Cryostat Factory - Write, review and sign welding Procedures	03-Sep-13 A	21-Oct-13 A	16-Sep-13		100%	$531	$531
242741035	ST	S	Cryostat Factory - Write, review and sign Incoming material QA Procedures I	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$2,021	$2,021
242741035a	ST	S	Cryostat Factory - Write, review and sign Incoming material QA Procedures F	03-Sep-13 A	21-Oct-13 A	16-Oct-13		100%	$1,251	$1,251
242741040		H	Cryostat Factory - Write, review and sign material handling Procedures FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$260	$260
242741040a		H	Cryostat Factory - Write, review and sign material handling Procedures FY14	03-Sep-13 A	21-Oct-13 A	16-Oct-13		100%	$161	$161
242741045		H	Cryostat Factory - Write, review and sign MLI application Procedures	03-Sep-13 A	14-Sep-13	16-Sep-13		100%	$415	$415
242741050	ST	S	Cryostat Factory - Write, review and sign OSP FY13	03-Sep-13 A	26-Nov-13	30-Sep-13	28.2w	33%	$195	$591
242741050a	ST	S	Cryostat Factory - Write, review and sign OSP FY14	03-Sep-13 A	26-Nov-13	15-Nov-13	28.2w	33%	$342	$1,036
242741055	ST	S	Cryostat Factory - Write, review and sign assembly procedures FY13	03-Sep-13 A	18-Nov-13	30-Sep-13	29.4w	0%	$0	$714
242741055a	ST	S	Cryostat Factory - Write, review and sign assembly procedures FY14	03-Sep-13 A	18-Nov-13	16-Oct-13	29.4w	0%	$0	$442
242741065	NB	D	Cryostat Factory - Orderfixtures, tables, tools, etc. for assembly Procurement	03-Sep-13 A	30-Sep-14	16-Oct-13	41.6w	95%	$35,983	$37,877
242741070		D	Cryostat Stand and Axle	03-Sep-13 A	21-Oct-13 A	30-Oct-13		100%	$5,814	$5,814
242741070M		M	Cryostat factory fixtures and tooling in-house		01-Nov-13	30-Oct-13	36.8w	0%	$0	$0
242741075M		M	Torus Cryostat Factory Procedures In-place		26-Nov-13	15-Nov-13	28.2w	0%	$0	$0
1.4.2.7.4.2 PROTOTYPE				03-Sep-13 A	16-Jun-14	08-Jul-14	75.8w		$171,975	$706,805
242742000	ST	S	Cryostat Factory - Test Lifting Fixtures and Procedures with Wang Coil Case	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$18,440	$18,440
242742005	ST	S	Cryostat Factory - Layout Assembly area for equipment and fixtures	16-Sep-13 A	11-Nov-13	09-Oct-13	32.4w	40%	$5,247	$13,117
242742010	ST	S	Cryostat Factory - Install equipment and fixtures in factory area	16-Sep-13 A	21-Oct-13 A	05-Nov-13		100%	$61,221	$61,221
242742015	ST	S	Cryostat Factory - Test Lifting Fixtures and Procedures with Wang Coil Case	03-Sep-13 A	21-Oct-13 A	16-Oct-13		100%	$11,417	$11,417
242742015M		M	Cryostat Factory - Receive parts for proto cryostat		28-Feb-14	19-Mar-14	23.6w	0%	$0	$0
242742020		E	Cryostat Factory - Engineering oversight (Legg) FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$19,597	$19,597
242742020a		E	Cryostat Factory - Engineering oversight (Legg) FY14	01-Oct-13 A	03-Mar-14	03-Mar-14	90.4w	23.23%	$23,253	$100,098



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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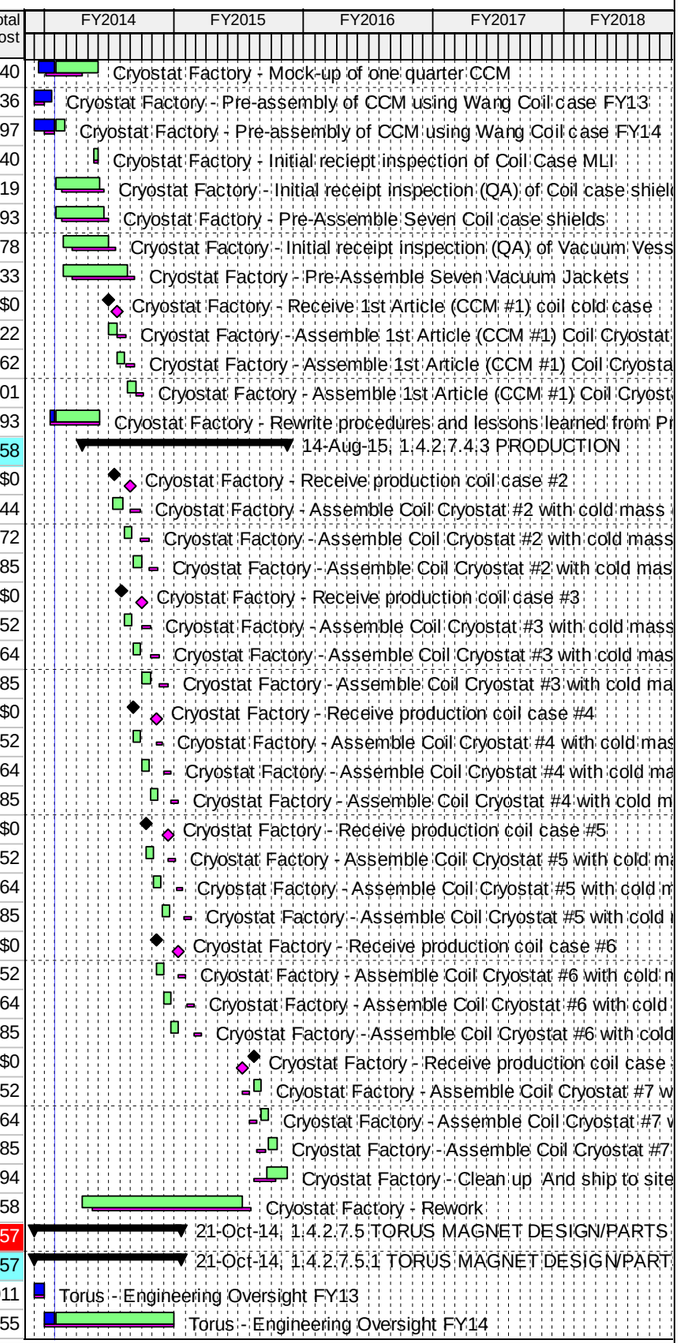
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242742025	ST	S	Cryostat Factory - Mock-up of one quarter CCM	16-Sep-13 A	03-Mar-14	17-Jan-14	90.4w	0%	$0	$39,540
242742030	ST	S	Cryostat Factory - Pre-assembly of CCM using Wang Coil case FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$13,436	$13,436
242742030a	ST	S	Cryostat Factory - Pre-assembly of CCM using Wang Coil case FY14	03-Sep-13 A	26-Nov-13	31-Oct-13	102.1w	80%	$12,478	$15,597
242742035	ST	S	Cryostat Factory - Initial reciept inspection of Coil Case MLI	17-Feb-14	28-Feb-14	28-Feb-14	20.2w	0%	$0	$2,440
242742040	ST	S	Cryostat Factory - Initial receipt inspection (QA) of Coil case shields	01-Nov-13	04-Mar-14	19-Mar-14	25.0w	0%	$0	$7,319
242742045	ST	S	Cryostat Factory - Pre-Assemble Seven Coil case shields	01-Nov-13	17-Mar-14	01-Apr-14	25.0w	0%	$0	$85,393
242742050	ST	S	Cryostat Factory - Initial receipt inspection (QA) of Vacuum Vessel Parts	25-Nov-13	31-Mar-14	21-Apr-14	11.8w	0%	$0	$5,678
242742055	ST	S	Cryostat Factory - Pre-Assemble Seven Vacuum Jackets	25-Nov-13	22-May-14	13-Jun-14	11.8w	0%	$0	$67,533
242742060M		M	Cryostat Factory - Receive 1st Article (CCM #1) coil cold case	31-Mar-14			12.8w	0%	$0	$0
242742065	ST	S	Cryostat Factory - Assemble 1st Article (CCM #1) Coil Cryostat with cold mas	31-Mar-14	22-Apr-14	19-May-14	12.8w	0%	$0	$57,122
242742070	ST	S	Cryostat Factory - Assemble 1st Article (CCM #1) Coil Cryostat with cold mas	23-Apr-14	15-May-14	12-Jun-14	12.8w	0%	$0	$71,762
242742075	ST	S	Cryostat Factory - Assemble 1st Article (CCM #1) Coil Cryostat with cold mas	23-May-14	16-Jun-14	08-Jul-14	11.8w	0%	$0	$62,001
242742080		E	Cryostat Factory - Rewrite procedures and lessons learned from Proto	17-Oct-13 A	04-Mar-14	04-Mar-14	26.4w	12.5%	$6,887	$55,093
1.4.2.7.4.3 PRODUCTION				17-Jan-14	14-Aug-15	14-Jul-15	9.8w		$0	$934,458
242743000M		M	Cryostat Factory - Receive production coil case #2	14-Apr-14			14.0w	0%	$0	$0
242743005	ST	S	Cryostat Factory - Assemble Coil Cryostat #2 with cold mass (Receive, QA a	11-Apr-14	12-May-14	27-Jun-14	14.0w	0%	$0	$66,944
242743010	ST	S	Cryostat Factory - Assemble Coil Cryostat #2 with cold mass (MLI and LN2 s	13-May-14	05-Jun-14	23-Jul-14	14.0w	0%	$0	$48,072
242743015	ST	S	Cryostat Factory - Assemble Coil Cryostat #2 with cold mass (Vac jacket wel	06-Jun-14	01-Jul-14	18-Aug-14	14.0w	0%	$0	$23,185
242743020M		M	Cryostat Factory - Receive production coil case #3	05-May-14			15.4w	0%	$0	$0
242743025	ST	S	Cryostat Factory - Assemble Coil Cryostat #3 with cold mass (Receive, QA a	13-May-14	05-Jun-14	28-Jul-14	14.2w	0%	$0	$59,452
242743030	ST	S	Cryostat Factory - Assemble Coil Cryostat #3 with cold mass (MLI and LN2 s	06-Jun-14	30-Jun-14	20-Aug-14	14.2w	0%	$0	$42,964
242743035	ST	S	Cryostat Factory - Assemble Coil Cryostat #3 with cold mass (Vac jacket wel	02-Jul-14	25-Jul-14	15-Sep-14	14.0w	0%	$0	$23,185
242743040M		M	Cryostat Factory - Receive production coil case #4	10-Jun-14			14.6w	0%	$0	$0
242743045	ST	S	Cryostat Factory - Assemble Coil Cryostat #4 with cold mass (Receive, QA a	10-Jun-14	30-Jun-14	29-Aug-14	14.6w	0%	$0	$59,452
242743050	ST	S	Cryostat Factory - Assemble Coil Cryostat #4 with cold mass (MLI and LN2 s	01-Jul-14	22-Jul-14	22-Sep-14	14.6w	0%	$0	$42,964
242743055	ST	S	Cryostat Factory - Assemble Coil Cryostat #4 with cold mass (Vac jacket wel	28-Jul-14	15-Aug-14	13-Oct-14	14.0w	0%	$0	$23,185
242743060M		M	Cryostat Factory - Receive production coil case #5	16-Jul-14			12.6w	0%	$0	$0
242743065	ST	S	Cryostat Factory - Assemble Coil Cryostat #5 with cold mass (Receive, QA a	16-Jul-14	05-Aug-14	06-Oct-14	12.6w	0%	$0	$59,452
242743070	ST	S	Cryostat Factory - Assemble Coil Cryostat #5 with cold mass (MLI and LN2 s	06-Aug-14	26-Aug-14	27-Oct-14	12.6w	0%	$0	$42,964
242743075	ST	S	Cryostat Factory - Assemble Coil Cryostat #5 with cold mass (Vac jacket wel	27-Aug-14	17-Sep-14	17-Nov-14	12.6w	0%	$0	$23,185
242743080M		M	Cryostat Factory - Receive production coil case #6	12-Aug-14			12.4w	0%	$0	$0
242743085	ST	S	Cryostat Factory - Assemble Coil Cryostat #6 with cold mass (Receive, QA a	12-Aug-14	02-Sep-14	04-Nov-14	12.4w	0%	$0	$59,452
242743090	ST	S	Cryostat Factory - Assemble Coil Cryostat #6 with cold mass (MLI and LN2 s	03-Sep-14	23-Sep-14	25-Nov-14	12.4w	0%	$0	$42,964
242743095	ST	S	Cryostat Factory - Assemble Coil Cryostat #6 with cold mass (Vac jacket wel	24-Sep-14	14-Oct-14	18-Dec-14	12.4w	0%	$0	$23,185
242743100M		M	Cryostat Factory - Receive production coil case #7	13-May-15			9.8w	0%	$0	$0
242743105	ST	S	Cryostat Factory - Assemble Coil Cryostat #7 with cold mass (Receive, QA a	13-May-15	04-Jun-15	30-Apr-15	9.8w	0%	$0	$59,452
242743110	ST	S	Cryostat Factory - Assemble Coil Cryostat #7 with cold mass (MLI and LN2 s	05-Jun-15	25-Jun-15	21-May-15	9.8w	0%	$0	$42,964
242743115	ST	S	Cryostat Factory - Assemble Coil Cryostat #7 with cold mass (Vac jacket wel	26-Jun-15	17-Jul-15	15-Jun-15	9.8w	0%	$0	$23,185
242743120		U	Cryostat Factory - Clean up And ship to site	19-Jun-15	14-Aug-15	14-Jul-15	9.8w	0%	$0	$49,394
242743125		E	Cryostat Factory - Rework	17-Jan-14	10-Apr-15	07-May-15	27.2w	0%	$0	$118,858
1.4.2.7.5 TORUS MAGNET DESIGN/PARTS				03-Sep-13 A	21-Oct-14	21-Oct-14	84.0w		$191,246	$1,956,657
1.4.2.7.5.1 TORUS MAGNET DESIGN/PARTS				03-Sep-13 A	21-Oct-14	21-Oct-14	84.0w		$191,246	$1,956,657
242751000I		E	Torus - Engineering Oversight FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$21,911	$21,911
242751005I		E	Torus - Engineering Oversight FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	84.0w	9.31%	$26,436	$283,955



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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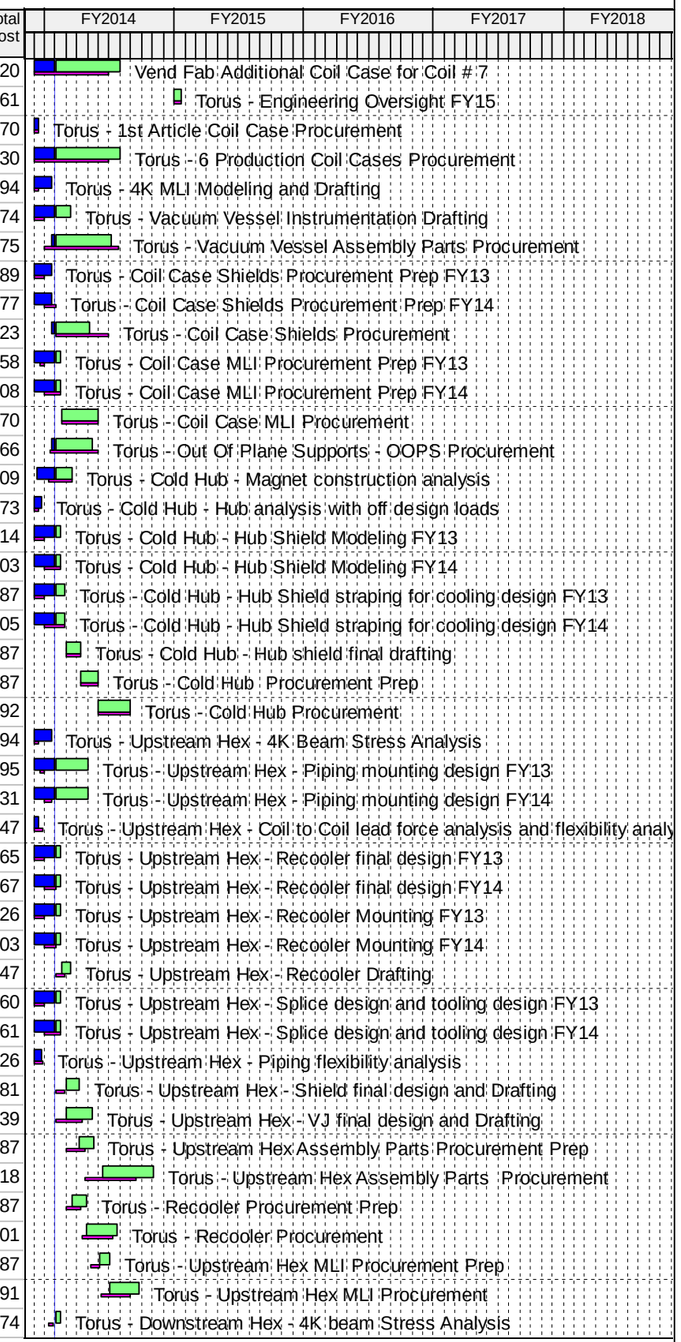
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242751010		D	Vend Fab Additional Coil Case for Coil # 7	03-Sep-13 A	01-May-14	31-Mar-14	60.6w	0%	$0	$25,220
242751010l		E	Torus - Engineering Oversight FY15	01-Oct-14	21-Oct-14	21-Oct-14	84.0w	0%	$0	$22,861
242751020		D	Torus - 1st Article Coil Case Procurement	03-Sep-13 A	16-Sep-13	16-Sep-13		100%	$20,370	$20,370
242751045		D	Torus - 6 Production Coil Cases Procurement	03-Sep-13 A	01-May-14	31-Mar-14	16.8w	55%	$80,372	$146,130
242751050		H	Torus - 4K MLI Modeling and Drafting	03-Sep-13 A	21-Oct-13 A	16-Sep-13		100%	$994	$994
242751080		H	Torus - Vacuum Vessel Instrumentation Drafting	03-Sep-13 A	13-Dec-13	30-Sep-13	14.0w	50%	$537	$1,074
242751090		D	Torus - Vacuum Vessel Assembly Parts Procurement	21-Oct-13 A	08-Apr-14	29-Apr-14	11.8w	0%	$0	$257,975
242751110		H	Torus - Coil Case Shields Procurement Prep FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$789	$789
242751110a		H	Torus - Coil Case Shields Procurement Prep FY14	03-Sep-13 A	21-Oct-13 A	01-Nov-13		100%	$977	$977
242751115		D	Torus - Coil Case Shields Procurement	21-Oct-13 A	03-Feb-14	31-Mar-14	30.8w	0%	$0	$149,223
242751120		H	Torus - Coil Case MLI Procurement Prep FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	20.2w	50%	$329	$658
242751120a		H	Torus - Coil Case MLI Procurement Prep FY14	03-Sep-13 A	15-Nov-13	15-Nov-13	20.2w	50%	$1,154	$2,308
242751125		D	Torus - Coil Case MLI Procurement	18-Nov-13	28-Feb-14	28-Feb-14	20.2w	0%	$0	$21,670
242751145		D	Torus - Out Of Plane Supports - OOPS Procurement	21-Oct-13 A	14-Feb-14	28-Feb-14	25.6w	0%	$0	$144,466
242751150	ST	S	Torus - Cold Hub - Magnet construction analysis	09-Sep-13 A	16-Dec-13	16-Dec-13	16.2w	0%	$0	$2,509
242751155		H	Torus - Cold Hub - Hub analysis with off design loads	03-Sep-13 A	23-Sep-13	16-Sep-13		100%	$3,473	$3,473
242751160		H	Torus - Cold Hub - Hub Shield Modeling FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	22.6w	50%	$257	$514
242751160a		H	Torus - Cold Hub - Hub Shield Modeling FY14	03-Sep-13 A	15-Nov-13	15-Nov-13	22.6w	50%	$451	$903
242751165		H	Torus - Cold Hub - Hub Shield straping for cooling design FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	14.0w	50%	$93	$187
242751165a		H	Torus - Cold Hub - Hub Shield straping for cooling design FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	14.0w	50%	$202	$405
242751170		H	Torus - Cold Hub - Hub shield final drafting	02-Dec-13	10-Jan-14	10-Jan-14	14.0w	0%	$0	$2,987
242751175		H	Torus - Cold Hub Procurement Prep	13-Jan-14	28-Feb-14	28-Feb-14	14.0w	0%	$0	$2,987
242751180		D	Torus - Cold Hub Procurement	03-Mar-14	30-May-14	30-May-14	14.0w	0%	$0	$19,792
242751185		H	Torus - Upstream Hex - 4K Beam Stress Analysis	03-Sep-13 A	21-Oct-13 A	13-Sep-13		100%	$2,894	$2,894
242751190		H	Torus - Upstream Hex - Piping mounting design FY13	03-Sep-13 A	31-Jan-14	30-Sep-13	5.0w	50%	$398	$795
242751190a		H	Torus - Upstream Hex - Piping mounting design FY14	03-Sep-13 A	31-Jan-14	21-Oct-13	5.0w	50%	$616	$1,231
242751195		H	Torus - Upstream Hex - Coil to Coil lead force analysis and flexibility analysis	03-Sep-13 A	16-Sep-13	27-Sep-13		100%	$1,447	$1,447
242751200		H	Torus - Upstream Hex - Recooler final design FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	19.0w	50%	$633	$1,265
242751200a		H	Torus - Upstream Hex - Recooler final design FY14	03-Sep-13 A	15-Nov-13	01-Nov-13	19.0w	50%	$783	$1,567
242751205		H	Torus - Upstream Hex - Recooler Mounting FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	14.4w	50%	$163	$326
242751205a		H	Torus - Upstream Hex - Recooler Mounting FY14	03-Sep-13 A	15-Nov-13	01-Nov-13	14.4w	50%	$201	$403
242751210		H	Torus - Upstream Hex - Recooler Drafting	18-Nov-13	13-Dec-13	27-Nov-13	19.0w	0%	$0	$1,847
242751215		H	Torus - Upstream Hex - Splice design and tooling design FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	7.8w	50%	$530	$1,060
242751215a		H	Torus - Upstream Hex - Splice design and tooling design FY14	03-Sep-13 A	15-Nov-13	15-Nov-13	7.8w	50%	$930	$1,861
242751220		H	Torus - Upstream Hex - Piping flexibility analysis	03-Sep-13 A	23-Sep-13	27-Sep-13		100%	$2,026	$2,026
242751225		S	Torus - Upstream Hex - Shield final design and Drafting	03-Dec-13	07-Jan-14	27-Nov-13	5.0w	0%	$0	$5,581
242751230		H	Torus - Upstream Hex - VJ final design and Drafting	03-Dec-13	12-Feb-14	15-Jan-14	5.0w	0%	$0	$5,039
242751235		H	Torus - Upstream Hex Assembly Parts Procurement Prep	08-Jan-14	18-Feb-14	22-Jan-14	5.0w	0%	$0	$2,987
242751240		D	Torus - Upstream Hex Assembly Parts Procurement	12-Mar-14	04-Aug-14	16-Jun-14	5.0w	0%	$0	$101,618
242751245		H	Torus - Recooler Procurement Prep	16-Dec-13	28-Jan-14	13-Jan-14	19.0w	0%	$0	$2,987
242751250		D	Torus - Recooler Procurement	29-Jan-14	24-Apr-14	10-Apr-14	19.0w	0%	$0	$66,401
242751255		H	Torus - Upstream Hex MLI Procurement Prep	07-Mar-14	03-Apr-14	07-Mar-14	33.0w	0%	$0	$2,987
242751260		D	Torus - Upstream Hex MLI Procurement	04-Apr-14	26-Jun-14	30-May-14	33.0w	0%	$0	$6,191
242751265		H	Torus - Downstream Hex - 4K beam Stress Analysis	01-Nov-13	14-Nov-13	25-Oct-13	5.0w	0%	$0	$5,974



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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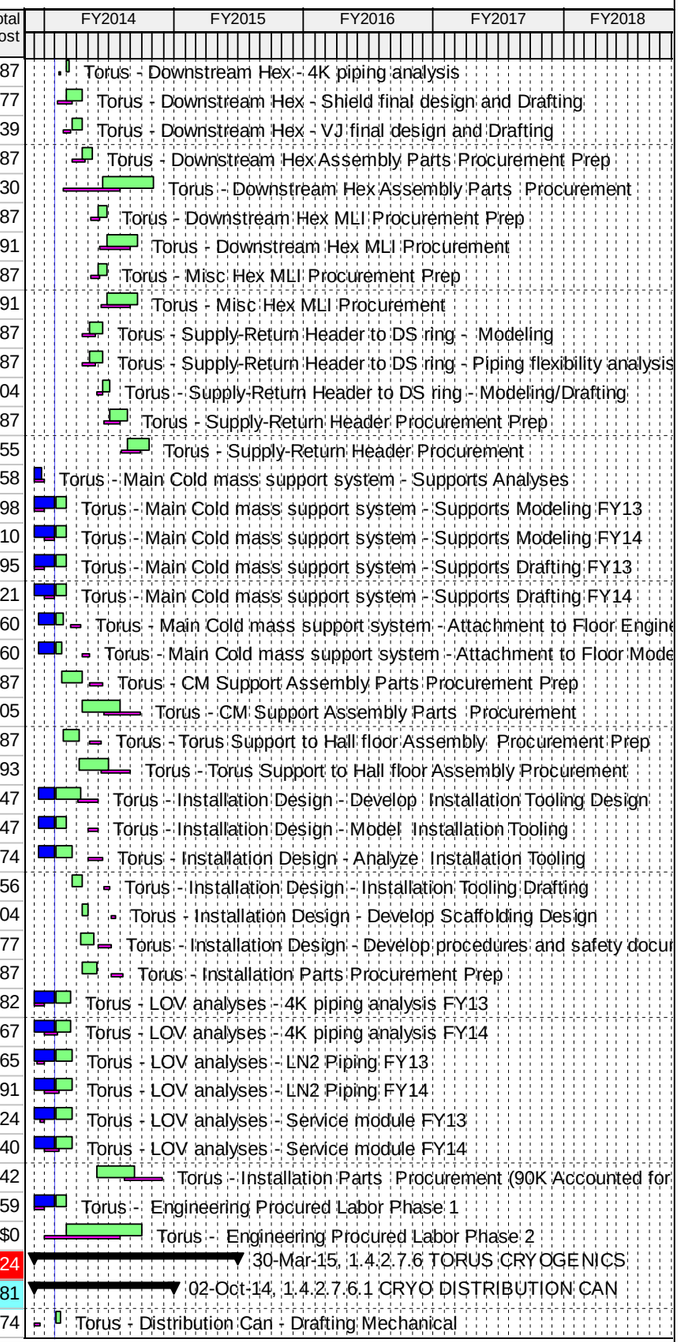
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242751270		H	Torus - Downstream Hex - 4K piping analysis	03-Dec-13	09-Dec-13	15-Nov-13	5.0w	0%	$0	$2,987
242751275		H	Torus - Downstream Hex - Shield final design and Drafting	02-Dec-13	15-Jan-14	16-Dec-13	5.0w	0%	$0	$6,977
242751280		H	Torus - Downstream Hex - VJ final design and Drafting	17-Dec-13	14-Jan-14	13-Dec-13	5.0w	0%	$0	$5,039
242751285		H	Torus - Downstream Hex Assembly Parts Procurement Prep	15-Jan-14	11-Feb-14	22-Jan-14	5.0w	0%	$0	$2,987
242751290		D	Torus - Downstream Hex Assembly Parts Procurement	12-Mar-14	04-Aug-14	30-Apr-14	5.0w	0%	$0	$74,430
242751295		H	Torus - Downstream Hex MLI Procurement Prep	28-Feb-14	27-Mar-14	07-Mar-14	34.0w	0%	$0	$2,987
242751300		D	Torus - Downstream Hex MLI Procurement	27-Mar-14	19-Jun-14	30-May-14	34.0w	0%	$0	$6,191
242751305		H	Torus - Misc Hex MLI Procurement Prep	28-Feb-14	27-Mar-14	07-Mar-14	34.0w	0%	$0	$2,987
242751310		D	Torus - Misc Hex MLI Procurement	28-Mar-14	19-Jun-14	30-May-14	34.0w	0%	$0	$6,191
242751315		H	Torus - Supply-Return Header to DS ring - Modeling	07-Feb-14	13-Mar-14	21-Feb-14	26.2w	0%	$0	$2,987
242751320		H	Torus - Supply-Return Header to DS ring - Piping flexibility analysis	07-Feb-14	13-Mar-14	21-Feb-14	26.2w	0%	$0	$2,987
242751325		H	Torus - Supply-Return Header to DS ring - Modeling/Drafting	14-Mar-14	03-Apr-14	14-Mar-14	26.2w	0%	$0	$4,104
242751330		H	Torus - Supply-Return Header Procurement Prep	04-Apr-14	22-May-14	02-May-14	26.2w	0%	$0	$2,987
242751335		D	Torus - Supply-Return Header Procurement	23-May-14	21-Jul-14	30-Jun-14	26.2w	0%	$0	$8,255
242751345		H	Torus - Main Cold mass support system - Supports Analyses	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,158	$1,158
242751350		H	Torus - Main Cold mass support system - Supports Modeling FY13	03-Sep-13 A	02-Dec-13	30-Sep-13	27.4w	50%	$199	$398
242751350a		H	Torus - Main Cold mass support system - Supports Modeling FY14	03-Sep-13 A	02-Dec-13	28-Oct-13	27.4w	50%	$205	$410
242751355		H	Torus - Main Cold mass support system - Supports Drafting FY13	03-Sep-13 A	02-Dec-13	30-Sep-13	23.4w	50%	$398	$795
242751355a		H	Torus - Main Cold mass support system - Supports Drafting FY14	03-Sep-13 A	02-Dec-13	28-Oct-13	23.4w	50%	$410	$821
242751360		H	Torus - Main Cold mass support system - Attachment to Floor Engineering	16-Sep-13 A	21-Nov-13	13-Jan-14	19.4w	50%	$4,480	$8,960
242751365		H	Torus - Main Cold mass support system - Attachment to Floor Modeling and I	16-Sep-13 A	20-Nov-13	03-Feb-14	18.4w	50%	$4,480	$8,960
242751370		H	Torus - CM Support Assembly Parts Procurement Prep	21-Nov-13	14-Jan-14	14-Mar-14	26.0w	0%	$0	$2,987
242751375		D	Torus - CM Support Assembly Parts Procurement	15-Jan-14	30-Apr-14	30-Jun-14	26.0w	0%	$0	$68,105
242751380		H	Torus - Torus Support to Hall floor Assembly Procurement Prep	25-Nov-13	08-Jan-14	10-Mar-14	26.2w	0%	$0	$2,987
242751385		D	Torus - Torus Support to Hall floor Assembly Procurement	09-Jan-14	01-Apr-14	30-May-14	26.2w	0%	$0	$77,393
242751390	ST	S	Torus - Installation Design - Develop Installation Tooling Design	16-Sep-13 A	10-Jan-14	28-Feb-14	16.8w	0%	$0	$11,947
242751395	ST	S	Torus - Installation Design - Model Installation Tooling	16-Sep-13 A	02-Dec-13	28-Feb-14	16.0w	0%	$0	$11,947
242751400		H	Torus - Installation Design - Analyze Installation Tooling	16-Sep-13 A	16-Dec-13	14-Mar-14	16.0w	50%	$2,987	$5,974
242751405		H	Torus - Installation Design - Installation Tooling Drafting	17-Dec-13	16-Jan-14	04-Apr-14	16.0w	0%	$0	$6,156
242751410		H	Torus - Installation Design - Develop Scaffolding Design	17-Jan-14	31-Jan-14	18-Apr-14	20.0w	0%	$0	$4,104
242751415		S	Torus - Installation Design - Develop procedures and safety documentation	13-Jan-14	18-Feb-14	07-Apr-14	28.4w	0%	$0	$27,777
242751420		H	Torus - Installation Parts Procurement Prep	17-Jan-14	24-Feb-14	12-May-14	16.0w	0%	$0	$2,987
242751425		H	Torus - LOV analyses - 4K piping analysis FY13	03-Sep-13 A	13-Dec-13	30-Sep-13	104.6w	50%	$591	$1,182
242751425a		H	Torus - LOV analyses - 4K piping analysis FY14	03-Sep-13 A	13-Dec-13	08-Nov-13	104.6w	50%	$884	$1,767
242751430		H	Torus - LOV analyses - LN2 Piping FY13	03-Sep-13 A	16-Dec-13	30-Sep-13	101.6w	50%	$482	$965
242751430a		H	Torus - LOV analyses - LN2 Piping FY14	03-Sep-13 A	16-Dec-13	11-Nov-13	101.6w	50%	$996	$1,991
242751435		H	Torus - LOV analyses - Service module FY13	03-Sep-13 A	16-Dec-13	30-Sep-13	99.6w	50%	$362	$724
242751435a		H	Torus - LOV analyses - Service module FY14	03-Sep-13 A	16-Dec-13	11-Nov-13	99.6w	50%	$1,120	$2,240
242751440		D	Torus - Installation Parts Procurement (90K Accounted for Cryo Jumpers)	25-Feb-14	12-Jun-14	29-Aug-14	16.0w	0%	$0	$185,742
242751445		D	Torus - Engineering Procured Labor Phase 1	03-Sep-13 A	02-Dec-13	30-Sep-13	73.4w	10%	$3,526	$35,259
242751450		D	Torus - Engineering Procured Labor Phase 2	03-Dec-13	01-Jul-14	30-Apr-14	73.4w	0%	$0	$0
1.4.2.7.6 TORUS CRYOGENICS				03-Sep-13 A	30-Mar-15	30-Mar-15	7.6w		$18,759	$905,924
1.4.2.7.6.1 CRYO DISTRIBUTION CAN				03-Sep-13 A	02-Oct-14	29-Aug-14	26.2w		$8,205	$410,681
242761000		H	Torus - Distribution Can - Drafting Mechanical	01-Nov-13	15-Nov-13	17-Sep-13	26.2w	0%	$0	$4,374



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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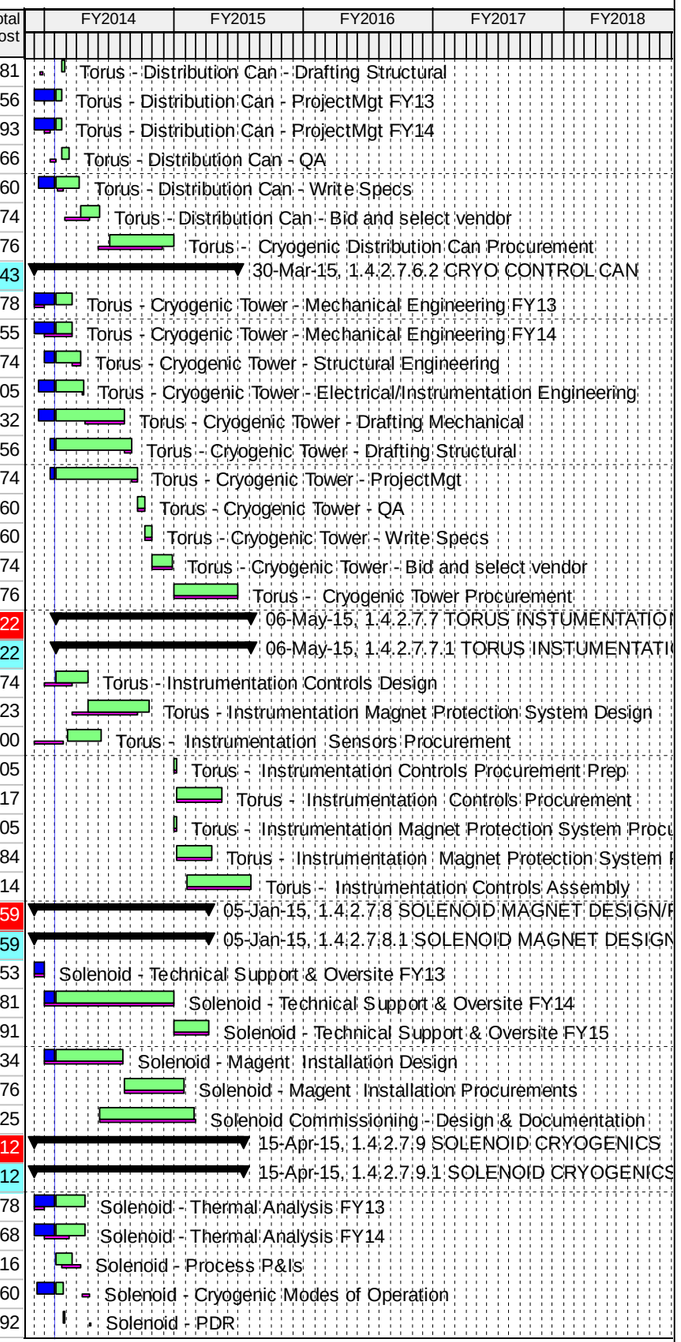
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242761005		H	Torus - Distribution Can - Drafting Structural	18-Nov-13	27-Nov-13	27-Sep-13	26.2w	0%	$0	$3,181
242761010		H	Torus - Distribution Can - ProjectMgt FY13	03-Sep-13 A	18-Nov-13	30-Sep-13	26.0w	50%	$278	$556
242761010a		H	Torus - Distribution Can - ProjectMgt FY14	03-Sep-13 A	18-Nov-13	16-Oct-13	26.0w	50%	$3,446	$6,893
242761015		H	Torus - Distribution Can - QA	19-Nov-13	09-Dec-13	04-Nov-13	26.0w	0%	$0	$7,766
242761020		H	Torus - Distribution Can - Write Specs	16-Sep-13 A	09-Jan-14	25-Nov-13	26.0w	50%	$4,480	$8,960
242761025		H	Torus - Distribution Can - Bid and select vendor	10-Jan-14	07-Mar-14	04-Feb-14	26.0w	0%	$0	$5,974
242761030		D	Torus - Cryogenic Distribution Can Procurement	03-Apr-14	02-Oct-14	29-Aug-14	26.0w	0%	$0	$372,976
1.4.2.7.6.2 CRYO CONTROL CAN				03-Sep-13 A	30-Mar-15	30-Mar-15	7.6w		$10,554	$495,243
242762000		S	Torus - Cryogenic Tower - Mechanical Engineering FY13	03-Sep-13 A	18-Dec-13	30-Sep-13	21.0w	0%	$0	$11,578
242762000a		S	Torus - Cryogenic Tower - Mechanical Engineering FY14	03-Sep-13 A	18-Dec-13	18-Dec-13	21.0w	0%	$0	$32,855
242762005		H	Torus - Cryogenic Tower - Structural Engineering	01-Oct-13 A	13-Jan-14	13-Jan-14	19.4w	50%	$2,987	$5,974
242762010		H	Torus - Cryogenic Tower - Electrical/Instrumentation Engineering	16-Sep-13 A	21-Jan-14	21-Jan-14	13.8w	50%	$1,503	$3,005
242762015		S	Torus - Cryogenic Tower - Drafting Mechanical	16-Sep-13 A	13-May-14	13-May-14	8.2w	0%	$0	$32,832
242762020		H	Torus - Cryogenic Tower - Drafting Structural	17-Oct-13 A	04-Jun-14	04-Jun-14	7.6w	50%	$3,078	$6,156
242762025		H	Torus - Cryogenic Tower - ProjectMgt	17-Oct-13 A	18-Jun-14	18-Jun-14	7.6w	50%	$2,987	$5,974
242762030		H	Torus - Cryogenic Tower - QA	19-Jun-14	10-Jul-14	10-Jul-14	7.6w	0%	$0	$8,960
242762035		H	Torus - Cryogenic Tower - Write Specs	11-Jul-14	31-Jul-14	31-Jul-14	7.6w	0%	$0	$8,960
242762040		H	Torus - Cryogenic Tower - Bid and select vendor	01-Aug-14	26-Sep-14	26-Sep-14	7.6w	0%	$0	$5,974
242762045		D	Torus - Cryogenic Tower Procurement	29-Sep-14	30-Mar-15	30-Mar-15	7.6w	0%	$0	$372,976
1.4.2.7.7 TORUS INSTUMENTATION AND CONTROL				01-Nov-13	06-May-15	06-May-15	17.0w		$0	$715,422
1.4.2.7.7.1 TORUS INSTUMENTATION AND CONTROL				01-Nov-13	06-May-15	06-May-15	17.0w		$0	$715,422
242771000		S	Torus - Instrumentation Controls Design	01-Nov-13	31-Jan-14	19-Dec-13	42.8w	0%	$0	$22,474
242771005		S	Torus - Instrumentation Magnet Protection System Design	03-Feb-14	22-Jul-14	19-Jun-14	42.8w	0%	$0	$93,323
242771010		D	Torus - Instrumentation Sensors Procurement	05-Dec-13	11-Mar-14	25-Nov-13	15.4w	0%	$0	$145,500
242771015		H	Torus - Instrumentation Controls Procurement Prep	01-Oct-14	07-Oct-14	07-Oct-14	11.0w	0%	$0	$3,005
242771020		D	Torus - Instrumentation Controls Procurement	08-Oct-14	11-Feb-15	11-Feb-15	11.0w	0%	$0	$36,117
242771025		H	Torus - Instrumentation Magnet Protection System Procurement Prep	01-Oct-14	07-Oct-14	07-Oct-14	33.0w	0%	$0	$3,005
242771030		D	Torus - Instrumentation Magnet Protection System Procurement	08-Oct-14	13-Jan-15	13-Jan-15	33.0w	0%	$0	$278,784
242771035		S	Torus - Instrumentation Controls Assembly	05-Nov-14	06-May-15	06-May-15	11.0w	0%	$0	$133,214
1.4.2.7.8 SOLENOID MAGNET DESIGN/PARTS				03-Sep-13 A	05-Jan-15	05-Jan-15	48.8w		$86,967	$649,759
1.4.2.7.8.1 SOLENOID MAGNET DESIGN/PARTS				03-Sep-13 A	05-Jan-15	05-Jan-15	48.8w		$86,967	$649,759
242781000I		E	Solenoid - Technical Support & Oversite FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$28,353	$28,353
242781005I		E	Solenoid - Technical Support & Oversite FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	11.6w	9.31%	$33,607	$360,981
242781010I		E	Solenoid - Technical Support & Oversite FY15	01-Oct-14	05-Jan-15	05-Jan-15	49.0w	0%	$0	$68,891
242781015	ST	S	Solenoid - Magent Installation Design	01-Oct-13 A	12-May-14	12-May-14	26.6w	20%	$25,007	$125,034
242781020		D	Solenoid - Magent Installation Procurements	13-May-14	30-Oct-14	30-Oct-14	26.6w	0%	$0	$41,276
242781025	ST	S	Solenoid Commissioning - Design & Documentation	04-Mar-14	26-Nov-14	01-Dec-14	52.6w	0%	$0	$25,225
1.4.2.7.9 SOLENOID CRYOGENICS				03-Sep-13 A	15-Apr-15	06-Jul-15	11.6w		$9,360	$527,212
1.4.2.7.9.1 SOLENOID CRYOGENICS				03-Sep-13 A	15-Apr-15	06-Jul-15	11.6w		$9,360	$527,212
242791000		S	Solenoid - Thermal Analysis FY13	03-Sep-13 A	24-Jan-14	30-Sep-13	18.0w	0%	$0	$11,578
242791000a		S	Solenoid - Thermal Analysis FY14	03-Sep-13 A	24-Jan-14	11-Dec-13	18.0w	0%	$0	$29,868
242791005	ST	S	Solenoid - Process P&Is	01-Nov-13	16-Dec-13	13-Jan-14	18.0w	0%	$0	$15,116
242791010		H	Solenoid - Cryogenic Modes of Operation	09-Sep-13 A	21-Nov-13	04-Feb-14	18.0w	50%	$4,480	$8,960
242791015		H	Solenoid - PDR	22-Nov-13	26-Nov-13	07-Feb-14	18.0w	0%	$0	$1,792



Primary Baseline | Remaining Work | Baseline Milestone
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TASK filter: RESP - Responsibility to use After ReBas.

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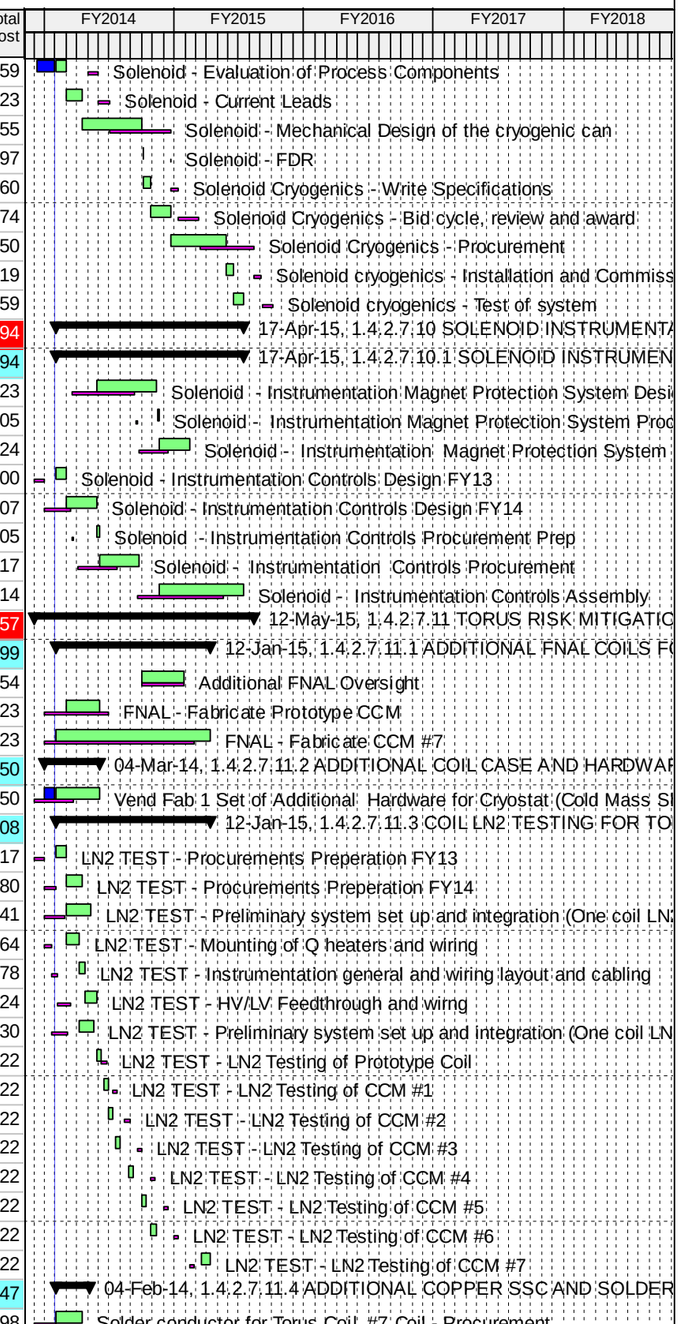
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242791020		H	Solenoid - Evaluation of Process Components	09-Sep-13 A	02-Dec-13	28-Feb-14	11.6w	50%	$4,880	$9,759
242791025		S	Solenoid - Current Leads	03-Dec-13	14-Jan-14	02-Apr-14	11.6w	0%	$0	$11,223
242791030		S	Solenoid - Mechanical Design of the cryogenic can	15-Jan-14	03-Jul-14	22-Sep-14	11.6w	0%	$0	$58,555
242791035		S	Solenoid - FDR	07-Jul-14	07-Jul-14	23-Sep-14	11.6w	0%	$0	$597
242791040		D	Solenoid Cryogenics - Write Specifications	08-Jul-14	28-Jul-14	14-Oct-14	11.6w	0%	$0	$8,960
242791045		D	Solenoid Cryogenics - Bid cycle, review and award	29-Jul-14	23-Sep-14	11-Dec-14	11.6w	0%	$0	$5,974
242791050		D	Solenoid Cryogenics - Procurement	24-Sep-14	25-Feb-15	13-May-15	11.6w	0%	$0	$347,750
242791055		S	Solenoid cryogenics - Installation and Commissioning	26-Feb-15	18-Mar-15	05-Jun-15	11.6w	0%	$0	$7,319
242791060		S	Solenoid cryogenics - Test of system	19-Mar-15	15-Apr-15	06-Jul-15	11.6w	0%	$0	$9,759
1.4.2.7.10 SOLENOID INSTRUMENTATION AND CONTROLS				01-Nov-13	17-Apr-15	17-Feb-15	11.0w		$0	$605,894
1.4.2.7.10.1 SOLENOID INSTRUMENTATION AND CONTROLS				01-Nov-13	17-Apr-15	17-Feb-15	11.0w		$0	$605,894
242710.100	ST	S	Solenoid - Instrumentation Magnet Protection System Design	26-Feb-14	14-Aug-14	13-Jun-14	28.8w	0%	$0	$93,323
242710.100		H	Solenoid - Instrumentation Magnet Protection System Procurement Prep	15-Aug-14	21-Aug-14	20-Jun-14	28.8w	0%	$0	$3,005
242710.101		D	Solenoid - Instrumentation Magnet Protection System Procurement	22-Aug-14	14-Nov-14	16-Sep-14	28.8w	0%	$0	$312,924
242710.101	ST	S	Solenoid - Instrumentation Controls Design FY13	01-Nov-13	02-Dec-13	30-Sep-13	11.0w	0%	$0	$6,600
242710.101	ST	S	Solenoid - Instrumentation Controls Design FY14	03-Dec-13	25-Feb-14	13-Dec-13	11.0w	0%	$0	$17,707
242710.102		H	Solenoid - Instrumentation Controls Procurement Prep	26-Feb-14	04-Mar-14	20-Dec-13	11.0w	0%	$0	$3,005
242710.102		D	Solenoid - Instrumentation Controls Procurement	05-Mar-14	24-Jun-14	23-Apr-14	11.0w	0%	$0	$36,117
242710.103	ST	S	Solenoid - Instrumentation Controls Assembly	21-Aug-14	17-Apr-15	17-Feb-15	11.0w	0%	$0	$133,214
1.4.2.7.11 TORUS RISK MITIGATION				03-Sep-13 A	12-May-15	09-Apr-15	31.0w		$8,606	$1,512,457
1.4.2.7.11.1 ADDITIONAL FNAL COILS FOR TORUS RISK MITIGATION				01-Nov-13	12-Jan-15	26-Nov-14	9.6w		$0	$322,199
242711.100		E	Additional FNAL Oversight	02-Jul-14	31-Oct-14	31-Oct-14	14.4w	0%	$0	$57,754
242711.100		D	FNAL - Fabricate Prototype CCM	03-Dec-13	05-Mar-14	31-Mar-14	15.2w	0%	$0	$132,223
242711.101		D	FNAL - Fabricate CCM #7	01-Nov-13	12-Jan-15	26-Nov-14	9.8w	0%	$0	$132,223
1.4.2.7.11.2 ADDITIONAL COIL CASE AND HARDWARE FOR TORUS RISK MITIGATION				01-Oct-13 A	04-Mar-14	20-Dec-13	82.2w		$0	$45,350
242711.200		D	Vend Fab 1 Set of Additional Hardware for Cryostat (Cold Mass Shiled, OOP	01-Oct-13 A	04-Mar-14	20-Dec-13	82.0w	0%	$0	$45,350
1.4.2.7.11.3 COIL LN2 TESTING FOR TORUS RISK MITIGATION				01-Nov-13	12-Jan-15	26-Nov-14	9.6w		$0	$223,108
242711.300	ST	S	LN2 TEST - Procurements Preperation FY13	01-Nov-13	02-Dec-13	30-Sep-13	13.5w	0%	$0	$3,017
242711.300	ST	S	LN2 TEST - Procurements Preperation FY14	03-Dec-13	15-Jan-14	01-Nov-13	13.5w	0%	$0	$3,580
242711.300		D	LN2 TEST - Preliminary system set up and integration (One coil LN2 Test) Pr	03-Dec-13	10-Feb-14	26-Nov-13	15.7w	0%	$0	$30,441
242711.301	ST	S	LN2 TEST - Mounting of Q heaters and wiring	03-Dec-13	06-Jan-14	23-Oct-13	13.5w	0%	$0	$15,264
242711.301	ST	S	LN2 TEST - Instrumentation general and wiring layout and cabling	06-Jan-14	22-Jan-14	07-Nov-13	13.5w	0%	$0	$10,978
242711.302	ST	S	LN2 TEST - HV/LV Feedthrough and wirng	22-Jan-14	25-Feb-14	13-Dec-13	13.5w	0%	$0	$19,024
242711.302	ST	S	LN2 TEST - Preliminary system set up and integration (One coil LN2 Test) La	06-Jan-14	17-Feb-14	05-Dec-13	14.7w	0%	$0	$21,430
242711.303	ST	S	LN2 TEST - LN2 Testing of Prototype Coil	25-Feb-14	11-Mar-14	24-Mar-14	13.5w	0%	$0	$14,922
242711.303	ST	S	LN2 TEST - LN2 Testing of CCM #1	17-Mar-14	28-Mar-14	24-Apr-14	12.8w	0%	$0	$14,922
242711.304	ST	S	LN2 TEST - LN2 Testing of CCM #2	31-Mar-14	11-Apr-14	29-May-14	14.0w	0%	$0	$14,922
242711.304	ST	S	LN2 TEST - LN2 Testing of CCM #3	21-Apr-14	02-May-14	02-Jul-14	15.4w	0%	$0	$14,922
242711.305	ST	S	LN2 TEST - LN2 Testing of CCM #4	27-May-14	09-Jun-14	08-Aug-14	14.6w	0%	$0	$14,922
242711.305	ST	S	LN2 TEST - LN2 Testing of CCM #5	01-Jul-14	15-Jul-14	15-Sep-14	12.6w	0%	$0	$14,922
242711.306	ST	S	LN2 TEST - LN2 Testing of CCM #6	29-Jul-14	11-Aug-14	14-Oct-14	12.4w	0%	$0	$14,922
242711.306	ST	S	LN2 TEST - LN2 Testing of CCM #7	18-Dec-14	12-Jan-15	26-Nov-14	9.8w	0%	$0	$14,922
1.4.2.7.11.4 ADDITIONAL COPPER SSC AND SOLDERING FOR TORUS RISK MITIGATION				01-Nov-13	04-Feb-14	06-Feb-14	15.6w		$0	$113,247
242711.400		D	Solder conductor for Torus Coil #7 Coil - Procurement	01-Nov-13	16-Jan-14	04-Nov-13	15.2w	0%	$0	$51,498



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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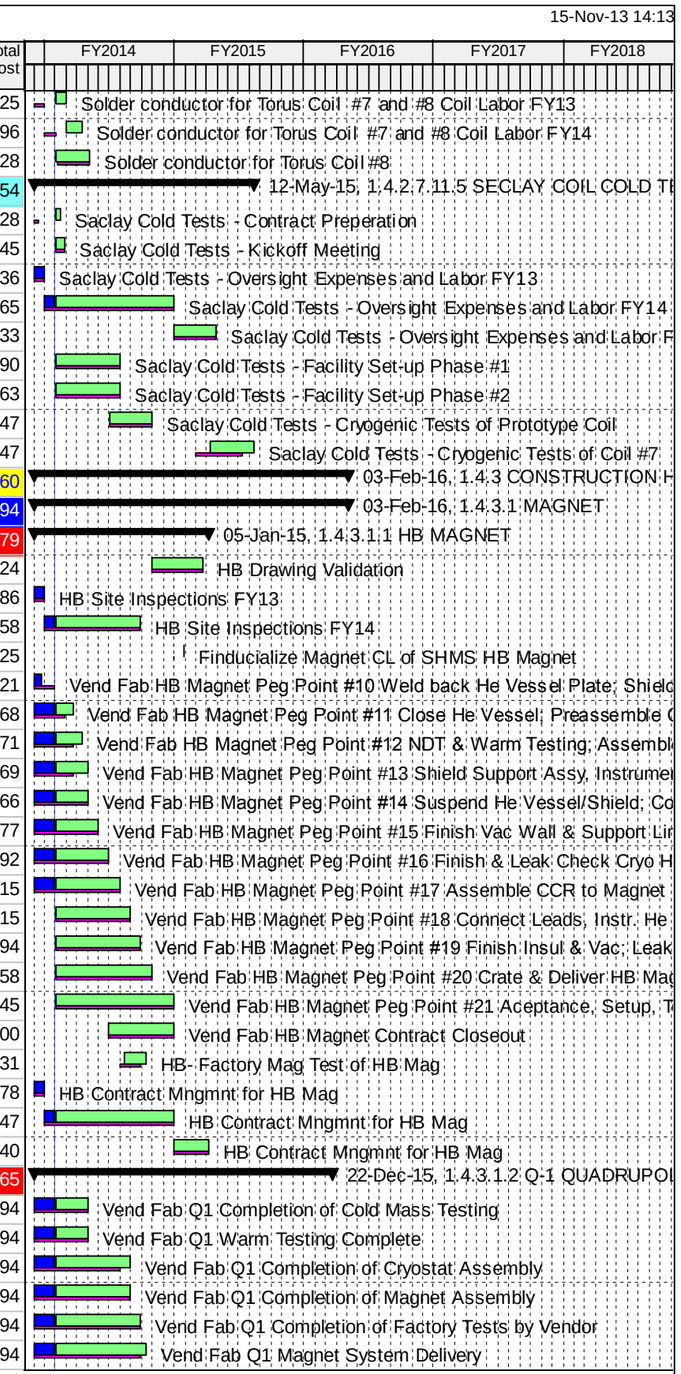
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
242711.400		H	Solder conductor for Torus Coil #7 and #8 Coil Labor FY13	01-Nov-13	02-Dec-13	30-Sep-13	15.2w	0%	$0	$1,625
242711.400		H	Solder conductor for Torus Coil #7 and #8 Coil Labor FY14	03-Dec-13	16-Jan-14	04-Nov-13	15.2w	0%	$0	$2,096
242711.401		D	Solder conductor for Torus Coil #8	01-Nov-13	04-Feb-14	06-Feb-14	15.8w	0%	$0	$58,028
1.4.2.7.11.5 SECLAY COIL COLD TESTING FOR TORUS RISK MITIGATION				03-Sep-13 A	12-May-15	09-Apr-15	31.0w		$8,606	$808,554
242711.500		H	Saclay Cold Tests - Contract Preperation	01-Nov-13	13-Nov-13	13-Sep-13	45.8w	0%	$0	$9,328
242711.500		S	Saclay Cold Tests - Kickoff Meeting	01-Nov-13	27-Nov-13	27-Nov-13	69.2w	0%	$0	$19,945
242711.501		E	Saclay Cold Tests - Oversight Expenses and Labor FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,936	$3,936
242711.501		E	Saclay Cold Tests - Oversight Expenses and Labor FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	45.8w	9.31%	$4,670	$50,165
242711.501		E	Saclay Cold Tests - Oversight Expenses and Labor FY15	01-Oct-14	28-Jan-15	28-Jan-15	45.8w	0%	$0	$15,233
242711.501		D	Saclay Cold Tests - Facility Set-up Phase #1	01-Nov-13	30-Apr-14	30-Apr-14	69.2w	0%	$0	$103,190
242711.502		D	Saclay Cold Tests - Facility Set-up Phase #2	01-Nov-13	30-Apr-14	30-Apr-14	69.2w	0%	$0	$338,463
242711.502		D	Saclay Cold Tests - Cryogenic Tests of Prototype Coil	02-Apr-14	31-Jul-14	31-Jul-14	69.2w	0%	$0	$134,147
242711.503		D	Saclay Cold Tests - Cryogenic Tests of Coil #7	13-Jan-15	12-May-15	09-Apr-15	9.8w	0%	$0	$134,147
1.4.3 CONSTRUCTION HALL C				03-Sep-13 A	03-Feb-16	03-Feb-16	83.0w		$1,500,173	$12,454,960
1.4.3.1 MAGNET				03-Sep-13 A	03-Feb-16	03-Feb-16	83.0w		$864,157	$7,366,994
1.4.3.1.1 HB MAGNET				03-Sep-13 A	05-Jan-15	05-Jan-15	136.2w		$90,579	$602,879
24311071	ST	S	HB Drawing Validation	01-Aug-14	23-Dec-14	23-Dec-14	49.2w	0%	$0	$24,624
24311072		U	HB Site Inspections FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,186	$1,186
24311072a		U	HB Site Inspections FY14	01-Oct-13 A	30-Jun-14	30-Jun-14	73.6w	0%	$0	$2,458
24311077		H	Finducialize Magnet CL of SHMS HB Magnet	28-Oct-14	28-Oct-14	01-Oct-14	60.8w	0%	$0	$1,925
24311110		D	Vend Fab HB Magnet Peg Point #10 Weld back He Vessel Plate; Shield Prea	03-Sep-13 A	23-Sep-13	31-Oct-13		100%	$73,821	$73,821
24311115		D	Vend Fab HB Magnet Peg Point #11 Close He Vessel; Preassemble Cryostat	03-Sep-13 A	20-Dec-13	27-Nov-13	52.2w	25%	$9,292	$37,168
24311120		D	Vend Fab HB Magnet Peg Point #12 NDT & Warm Testing; Assemble Shield	03-Sep-13 A	15-Jan-14	20-Dec-13	46.6w	0%	$0	$83,471
24311125		D	Vend Fab HB Magnet Peg Point #13 Shield Support Assy, Instrumentation &	03-Sep-13 A	31-Jan-14	20-Dec-13	40.0w	0%	$0	$19,769
24311130		D	Vend Fab HB Magnet Peg Point #14 Suspend He Vessel/Shield; Complete V	03-Sep-13 A	31-Jan-14	31-Jan-14	35.6w	0%	$0	$25,966
24311135		D	Vend Fab HB Magnet Peg Point #15 Finish Vac Wall & Support Links	03-Sep-13 A	28-Feb-14	28-Feb-14	27.0w	0%	$0	$22,977
24311140		D	Vend Fab HB Magnet Peg Point #16 Finish & Leak Check Cryo Header	03-Sep-13 A	31-Mar-14	31-Mar-14	18.4w	0%	$0	$15,692
24311145		D	Vend Fab HB Magnet Peg Point #17 Assemble CCR to Magnet	03-Sep-13 A	30-Apr-14	30-Apr-14	9.8w	0%	$0	$26,315
24311150		D	Vend Fab HB Magnet Peg Point #18 Connect Leads, Instr. He Vessel, Leak (	01-Nov-13	30-May-14	30-May-14	9.8w	0%	$0	$50,515
24311155		D	Vend Fab HB Magnet Peg Point #19 Finish Insul & Vac; Leak Check; Fab sh	01-Nov-13	30-Jun-14	30-Jun-14	9.8w	0%	$0	$33,594
24311160		D	Vend Fab HB Magnet Peg Point #20 Crate & Deliver HB Magnet to JLab	01-Nov-13	31-Jul-14	31-Jul-14	9.8w	0%	$0	$13,458
24311165		D	Vend Fab HB Magnet Peg Point #21 Aceptance, Setup, Testing, and Mappin	01-Nov-13	30-Sep-14	30-Sep-14	60.8w	0%	$0	$35,345
24311168		D	Vend Fab HB Magnet Contract Closeout	01-Apr-14	30-Sep-14	30-Sep-14	60.8w	0%	$0	$80,000
24311170		H	HB- Factory Mag Test of HB Mag	16-May-14	15-Jul-14	30-Jun-14	71.6w	0%	$0	$7,531
243118P4LC		E	HB Contract Mngmnt for HB Mag	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,278	$3,278
243118P5LC		E	HB Contract Mngmnt for HB Mag	01-Oct-13 A	30-Sep-14	30-Sep-14	136.6w	9.31%	$3,002	$32,247
243118P6LC		E	HB Contract Mngmnt for HB Mag	01-Oct-14	05-Jan-15	05-Jan-15	136.6w	0%	$0	$11,540
1.4.3.1.2 Q-1 QUADRUPOLE				03-Sep-13 A	22-Dec-15	22-Dec-15	87.6w		$22,182	$728,565
24312040d		P	Vend Fab Q1 Completion of Cold Mass Testing	03-Sep-13 A	31-Jan-14	31-Jan-14	113.4w	0%	$0	$54,294
24312041a		P	Vend Fab Q1 Warm Testing Complete	03-Sep-13 A	31-Jan-14	31-Jan-14	94.4w	0%	$0	$54,294
24312046		P	Vend Fab Q1 Completion of Cryostat Assembly	03-Sep-13 A	30-May-14	30-Apr-14	25.2w	0%	$0	$54,294
24312047		P	Vend Fab Q1 Completion of Magnet Assembly	03-Sep-13 A	30-May-14	30-May-14	21.6w	0%	$0	$54,294
24312048		P	Vend Fab Q1 Completion of Factory Tests by Vendor	03-Sep-13 A	30-Jun-14	30-Jun-14	17.4w	0%	$0	$54,294
24312050		P	Vend Fab Q1 Magnet System Delivery	03-Sep-13 A	15-Jul-14	30-Jun-14	15.4w	0%	$0	$54,294



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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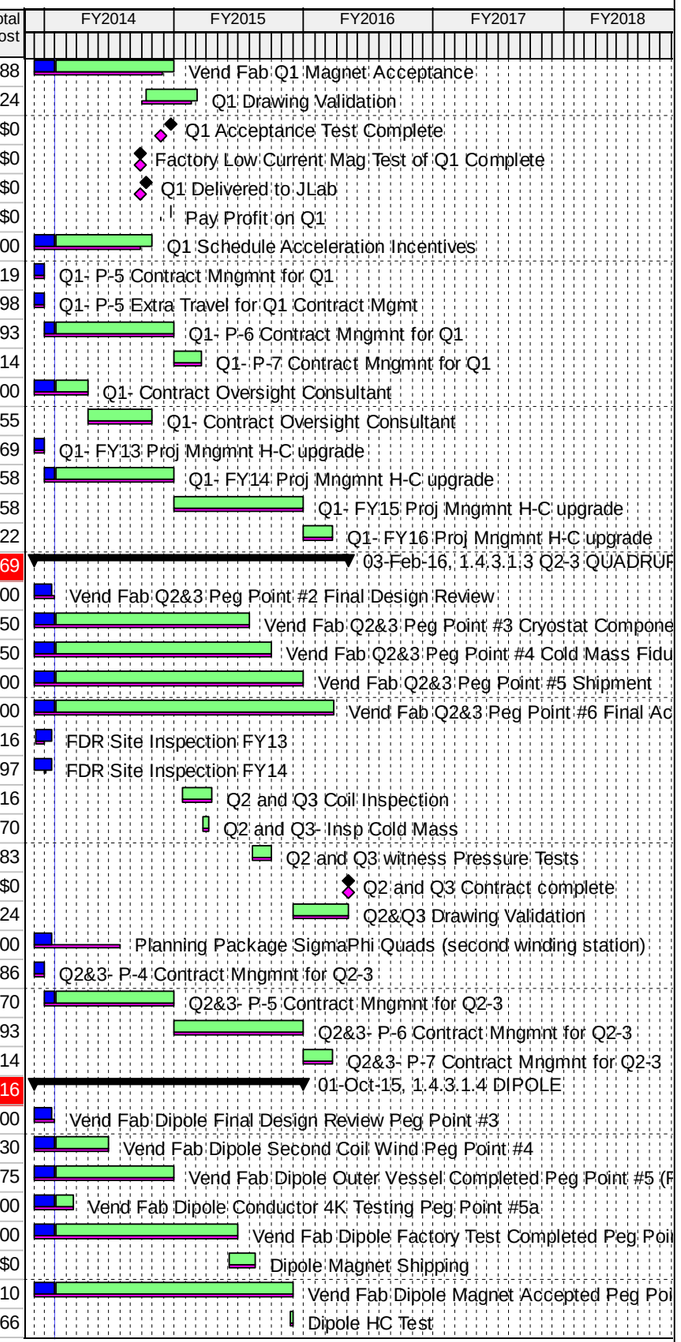
Activity ID	Activ with Step	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24312050c		P	Vend Fab Q1 Magnet Acceptance	03-Sep-13 A	30-Sep-14	29-Aug-14	50.0w	0%	$0	$108,588
24312050d	ST	S	Q1 Drawing Validation	16-Jul-14	05-Dec-14	19-Nov-14	51.6w	0%	$0	$24,624
24312051M		M	Q1 Acceptance Test Complete		22-Sep-14	25-Aug-14	55.0w	0%	$0	$0
24312052M		M	Factory Low Current Mag Test of Q1 Complete		30-Jun-14	30-Jun-14	73.4w	0%	$0	$0
24312053M		M	Q1 Delivered to JLab		15-Jul-14	30-Jun-14	15.4w	0%	$0	$0
24312055		Z	Pay Profit on Q1	23-Sep-14	23-Sep-14	26-Aug-14	61.8w	0%	$0	$0
24312060		D	Q1 Schedule Acceleration Incentives	03-Sep-13 A	01-Aug-14	30-Jun-14	68.8w	0%	$0	$45,000
243128P5LC		E	Q1- P-5 Contract Mngmnt for Q1	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,419	$3,419
243128P5TL		E	Q1- P-5 Extra Travel for Q1 Contract Mgmt	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$698	$698
243128P6LC		E	Q1- P-6 Contract Mngmnt for Q1	01-Oct-13 A	30-Sep-14	30-Sep-14	49.8w	9.31%	$4,980	$53,493
243128P6LC		E	Q1- P-7 Contract Mngmnt for Q1	01-Oct-14	18-Dec-14	18-Dec-14	49.8w	0%	$0	$8,214
243128PC13		E	Q1- Contract Oversight Consultant	03-Sep-13 A	31-Jan-14	31-Jan-14	156.8w	43.88%	$1,755	$4,000
243128PC13		E	Q1- Contract Oversight Consultant	03-Feb-14	31-Jul-14	31-Jul-14	156.8w	0%	$0	$8,255
24312913LC		E	Q1- FY13 Proj Mngmnt H-C upgrade	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$5,169	$5,169
24312914LC		E	Q1- FY14 Proj Mngmnt H-C upgrade	01-Oct-13 A	30-Sep-14	30-Sep-14	87.8w	9.31%	$6,159	$66,158
24312915LC		E	Q1- FY15 Proj Mngmnt H-C upgrade	01-Oct-14	30-Sep-15	30-Sep-15	87.8w	0%	$0	$66,158
24312915LC		E	Q1- FY16 Proj Mngmnt H-C upgrade	01-Oct-15	22-Dec-15	22-Dec-15	87.8w	0%	$0	$9,022
1.4.3.1.3 Q2-3 QUADRUPOLE				03-Sep-13 A	03-Feb-16	03-Feb-16	83.0w		$609,648	$3,084,869
24313015	NB	P	Vend Fab Q2&3 Peg Point #2 Final Design Review	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$489,700	$489,700
24313017		P	Vend Fab Q2&3 Peg Point #3 Cryostat Component Complete	03-Sep-13 A	30-Apr-15	30-Apr-15	0.2w	0%	$0	$432,250
24313019		P	Vend Fab Q2&3 Peg Point #4 Cold Mass Fiducialitzation	03-Sep-13 A	30-Jun-15	30-Jun-15	9.8w	0%	$0	$432,250
24313019a		P	Vend Fab Q2&3 Peg Point #5 Shipment	03-Sep-13 A	30-Sep-15	30-Sep-15	1.2w	0%	$0	$1,321,000
24313019b		P	Vend Fab Q2&3 Peg Point #6 Final Acceptance	03-Sep-13 A	23-Dec-15	23-Dec-15	12.8w	0%	$0	$146,100
24313030		H	FDR Site Inspection FY13	06-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$10,416	$10,416
24313030a		H	FDR Site Inspection FY14	03-Sep-13 A	21-Oct-13 A	03-Oct-13		100%	$1,897	$1,897
24313220		H	Q2 and Q3 Coil Inspection	27-Oct-14	15-Jan-15	15-Jan-15	57.4w	0%	$0	$7,816
24313230		H	Q2 and Q3- Insp Cold Mass	22-Dec-14	08-Jan-15	08-Jan-15	58.4w	0%	$0	$7,970
24313235		H	Q2 and Q3 witness Pressure Tests	08-May-15	30-Jun-15	30-Jun-15	67.4w	0%	$0	$4,983
24313270M		M	Q2 and Q3 Contract complete		03-Feb-16	03-Feb-16	5.6w	0%	$0	$0
24313275	ST	S	Q2&Q3 Drawing Validation	02-Sep-15	03-Feb-16	03-Feb-16	5.6w	0%	$0	$24,624
24313280		D	Planning Package SigmaPhi Quads (second winding station)	03-Sep-13 A	21-Oct-13 A	30-Apr-14		100%	$100,000	$100,000
24313P4LOE		E	Q2&3- P-4 Contract Mngmnt for Q2-3	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,886	$3,886
24313P5LOE		E	Q2&3- P-5 Contract Mngmnt for Q2-3	01-Oct-13 A	30-Sep-14	30-Sep-14	70.8w	9.31%	$3,749	$40,270
24313P6LOE		E	Q2&3- P-6 Contract Mngmnt for Q2-3	01-Oct-14	01-Oct-15	01-Oct-15	87.8w	0%	$0	$53,493
24313P6LOE		E	Q2&3- P-7 Contract Mngmnt for Q2-3	02-Oct-15	22-Dec-15	22-Dec-15	87.8w	0%	$0	$8,214
1.4.3.1.4 DIPOLE				03-Sep-13 A	01-Oct-15	01-Oct-15	98.8w		$107,358	$2,150,216
24314012	NB	P	Vend Fab Dipole Final Design Review Peg Point #3	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$97,500	$97,500
24314020		P	Vend Fab Dipole Second Coil Wind Peg Point #4	03-Sep-13 A	31-Mar-14	31-Mar-14	17.2w	0%	$0	$391,930
24314027		P	Vend Fab Dipole Outer Vessel Completed Peg Point #5 (F-12)	03-Sep-13 A	30-Sep-14	30-Sep-14	8.6w	0%	$0	$436,875
24314028		P	Vend Fab Dipole Conductor 4K Testing Peg Point #5a	03-Sep-13 A	20-Dec-13	20-Dec-13	8.6w	0%	$0	$26,000
24314030		P	Vend Fab Dipole Factory Test Completed Peg Point #6	03-Sep-13 A	31-Mar-15	31-Mar-15	0.0w	0%	$0	$333,300
24314030a		Z	Dipole Magnet Shipping	04-Mar-15	18-May-15	18-May-15	0.0w	0%	$0	$0
24314035		P	Vend Fab Dipole Magnet Accepted Peg Point #7	03-Sep-13 A	31-Aug-15	31-Aug-15	0.2w	0%	$0	$159,910
24314035a		H	Dipole HC Test	26-Aug-15	01-Sep-15	01-Sep-15	0.0w	0%	$0	$7,866



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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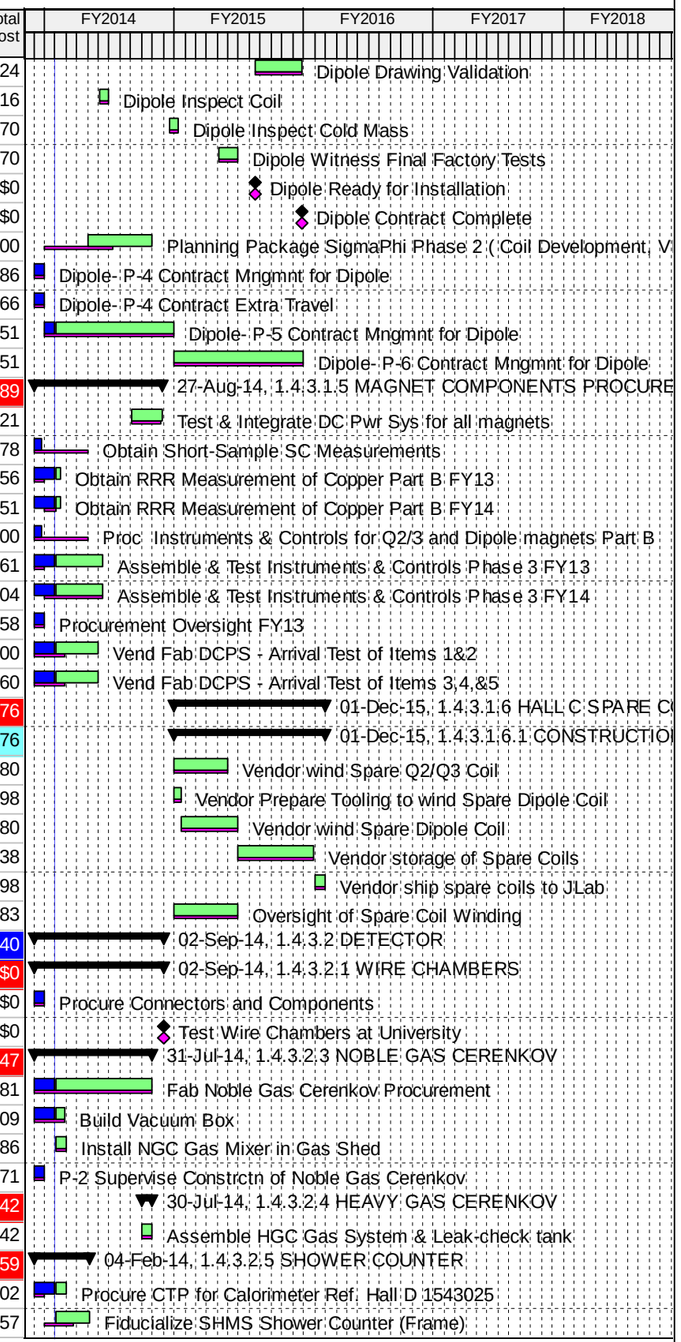
Activity ID	Acti with Ster	EV Re Co	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24314040	ST	S	Dipole Drawing Validation	19-May-15	24-Sep-15	24-Sep-15	12.4w	0%	$0	$24,624
24314047		H	Dipole Inspect Coil	04-Mar-14	31-Mar-14	31-Mar-14	38.4w	0%	$0	$7,816
24314048		H	Dipole Inspect Cold Mass	17-Sep-14	14-Oct-14	14-Oct-14	41.0w	0%	$0	$7,970
24314049		H	Dipole Witness Final Factory Tests	04-Feb-15	31-Mar-15	31-Mar-15	37.0w	0%	$0	$7,970
24314050M		M	Dipole Ready for Installation	19-May-15			0.0w	0%	$0	$0
24314051M		M	Dipole Contract Complete	25-Sep-15			12.4w	0%	$0	$0
24314110		D	Planning Package SigmaPhi Phase 2 (Coil Development, VPI)	03-Feb-14	01-Aug-14	11-Apr-14	156.6w	0%	$0	$534,000
24314P4LOE		E	Dipole- P-4 Contract Mngmnt for Dipole	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,186	$3,186
24314P4TLC		E	Dipole- P-4 Contract Extra Travel	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,566	$1,566
24314P5LOE		E	Dipole- P-5 Contract Mngmnt for Dipole	01-Oct-13 A	30-Sep-14	30-Sep-14	99.0w	9.31%	$5,107	$54,851
24314P6LOE		E	Dipole- P-6 Contract Mngmnt for Dipole	01-Oct-14	01-Oct-15	01-Oct-15	99.0w	0%	$0	$54,851
1.4.3.1.5 MAGNET COMPONENTS PROCURED BY JLAB				03-Sep-13 A	27-Aug-14	25-Aug-14	153.0w		$34,390	$218,589
24315007	ST	S	Test & Integrate DC Pwr Sys for all magnets	04-Jun-14	27-Aug-14	25-Aug-14	65.8w	0%	$0	$41,521
24315015Ba		D	Obtain Short-Sample SC Measurements	03-Sep-13 A	23-Sep-13	31-Jan-14		100%	$15,278	$15,278
24315015Bb		D	Obtain RRR Measurement of Copper Part B FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	103.4w	50%	$828	$1,656
24315015Bb		D	Obtain RRR Measurement of Copper Part B FY14	03-Sep-13 A	15-Nov-13	01-Nov-13	191.0w	50%	$1,025	$2,051
24315036a5	ST	S	Proc Instruments & Controls for Q2/3 and Dipole magnets Part B	03-Sep-13 A	23-Sep-13	31-Jan-14		100%	$15,000	$15,000
24315037b	ST	S	Assemble & Test Instruments & Controls Phase 3 FY13	03-Sep-13 A	13-Mar-14	30-Sep-13	49.0w	0%	$0	$15,361
24315037ba	ST	S	Assemble & Test Instruments & Controls Phase 3 FY14	03-Sep-13 A	13-Mar-14	13-Mar-14	176.4w	0%	$0	$84,804
24315050LC		E	Procurement Oversight FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$2,258	$2,258
24315080		D	Vend Fab DCPS - Arrival Test of Items 1&2	03-Sep-13 A	03-Mar-14	27-Nov-13	91.2w	0%	$0	$14,000
24315090		D	Vend Fab DCPS - Arrival Test of Items 3,4,&5	03-Sep-13 A	03-Mar-14	27-Nov-13	90.4w	0%	$0	$26,660
1.4.3.1.6 HALL C SPARE COILS				01-Oct-14	01-Dec-15	01-Dec-15	16.6w		$0	$581,876
1.4.3.1.6.1 CONSTRUCTION HALL C SPARE COILS				01-Oct-14	01-Dec-15	01-Dec-15	16.6w		$0	$581,876
243161000		P	Vendor wind Spare Q2/Q3 Coil	01-Oct-14	27-Feb-15	27-Feb-15	4.6w	0%	$0	$206,380
243161005		P	Vendor Prepare Tooling to wind Spare Dipole Coil	01-Oct-14	21-Oct-14	21-Oct-14	0.2w	0%	$0	$25,798
243161010		P	Vendor wind Spare Dipole Coil	22-Oct-14	31-Mar-15	31-Mar-15	0.2w	0%	$0	$206,380
243161015		P	Vendor storage of Spare Coils	01-Apr-15	30-Oct-15	30-Oct-15	0.2w	0%	$0	$20,638
243161020		P	Vendor ship spare coils to JLab	02-Nov-15	01-Dec-15	01-Dec-15	16.8w	0%	$0	$25,798
243161030I		P	Oversight of Spare Coil Winding	01-Oct-14	31-Mar-15	31-Mar-15	46.6w	0%	$0	$96,883
1.4.3.2 DETECTOR				03-Sep-13 A	02-Sep-14	03-Sep-14	65.0w		$23,347	$196,440
1.4.3.2.1 WIRE CHAMBERS				03-Sep-13 A	02-Sep-14	03-Sep-14	55.6w		$0	$0
24321007		D	Procure Connectors and Components	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$0	$0
24321015M		Z	Test Wire Chambers at University		02-Sep-14	03-Sep-14	55.4w	0%	$0	$0
1.4.3.2.3 NOBLE GAS CERENKOV				03-Sep-13 A	31-Jul-14	31-Jul-14	69.4w		$23,347	$129,747
24323005b		D	Fab Noble Gas Cerenkov Procurement	03-Sep-13 A	31-Jul-14	31-Jul-14	52.8w	20%	$22,376	$111,881
24323012		D	Build Vacuum Box	03-Sep-13 A	27-Nov-13	27-Nov-13	92.4w	0%	$0	$13,109
24323025		H	Install NGC Gas Mixer in Gas Shed	01-Nov-13	02-Dec-13	02-Dec-13	92.2w	0%	$0	$3,786
243238P1LC		E	P-2 Supervise Constrctn of Noble Gas Cerenkov	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$971	$971
1.4.3.2.4 HEAVY GAS CERENKOV				02-Jul-14	30-Jul-14	31-Jul-14	56.6w		$0	$15,142
24324005	ST	S	Assemble HGC Gas System & Leak-check tank	02-Jul-14	30-Jul-14	31-Jul-14	56.4w	0%	$0	$15,142
1.4.3.2.5 SHOWER COUNTER				03-Sep-13 A	04-Feb-14	20-Dec-13	64.2w		$0	$5,259
24325027a		D	Procure CTP for Calorimeter Ref. Hall D 1543025	03-Sep-13 A	02-Dec-13	30-Sep-13	71.6w	0%	$0	$4,502
24325030		H	Fiducialize SHMS Shower Counter (Frame)	01-Nov-13	04-Feb-14	20-Dec-13	63.8w	0%	$0	$757



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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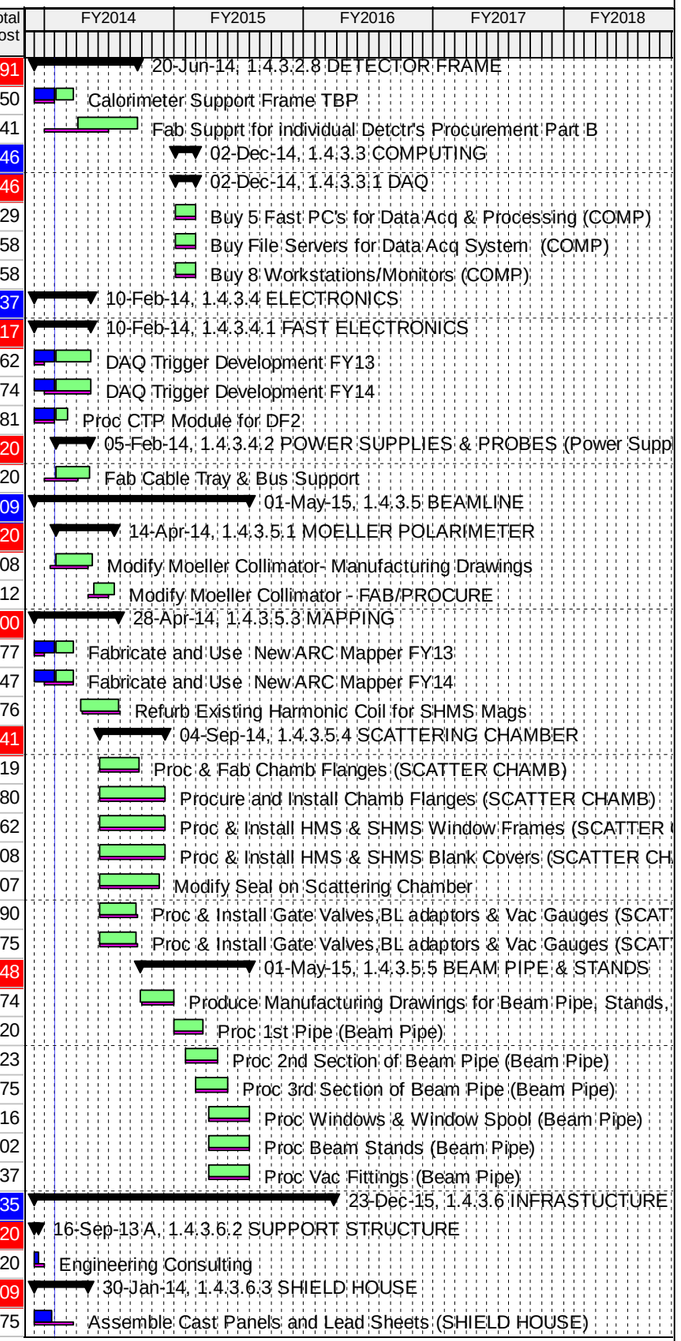
Activity ID	Actv with Ster	EV Re Co	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
1.4.3.2.8 DETECTOR FRAME				03-Sep-13 A	20-Jun-14	31-Mar-14	58.6w		$0	$46,291
24328005		D	Calorimeter Support Frame TBP	03-Sep-13 A	20-Dec-13	31-Oct-13	74.6w	0%	$0	$15,150
24328010ba		D	Fab Supprt for individual Detctr's Procurement Part B	03-Jan-14	20-Jun-14	31-Mar-14	58.4w	0%	$0	$31,141
1.4.3.3 COMPUTING				06-Oct-14	02-Dec-14	02-Dec-14	37.4w		$0	$44,146
1.4.3.3.1 DAQ				06-Oct-14	02-Dec-14	02-Dec-14	37.4w		$0	$44,146
2433000		D	Buy 5 Fast PC's for Data Acq & Processing (COMP)	06-Oct-14	02-Dec-14	02-Dec-14	37.2w	0%	$0	$19,229
2433005		D	Buy File Servers for Data Acq System (COMP)	06-Oct-14	02-Dec-14	02-Dec-14	37.2w	0%	$0	$12,458
2433010		D	Buy 8 Workstations/Monitors (COMP)	06-Oct-14	02-Dec-14	02-Dec-14	37.2w	0%	$0	$12,458
1.4.3.4 ELECTRONICS				03-Sep-13 A	10-Feb-14	10-Feb-14	63.4w		$5,381	$49,737
1.4.3.4.1 FAST ELECTRONICS				03-Sep-13 A	10-Feb-14	10-Feb-14	63.4w		$5,381	$23,117
24341000	ST	S	DAQ Trigger Development FY13	03-Sep-13 A	10-Feb-14	30-Sep-13	63.4w	30%	$1,009	$3,362
24341000a	ST	S	DAQ Trigger Development FY14	03-Sep-13 A	10-Feb-14	10-Feb-14	63.4w	30%	$4,372	$14,574
24341085		D	Proc CTP Module for DF2	03-Sep-13 A	05-Dec-13	31-Oct-13	71.0w	0%	$0	$5,181
1.4.3.4.2 POWER SUPPLIES & PROBES (Power Supply Infrastructure)				01-Nov-13	05-Feb-14	02-Jan-14	54.2w		$0	$26,620
24342055		D	Fab Cable Tray & Bus Support	01-Nov-13	05-Feb-14	02-Jan-14	54.2w	0%	$0	$26,620
1.4.3.5 BEAMLINE				03-Sep-13 A	01-May-15	01-May-15	119.8w		$18,706	$695,309
1.4.3.5.1 MOELLER POLARIMETER				01-Nov-13	14-Apr-14	31-Mar-14	103.2w		$0	$49,320
24351020		H	Modify Moeller Collimator- Manufacturing Drawings	01-Nov-13	14-Feb-14	31-Jan-14	91.6w	0%	$0	$8,208
24351030		D	Modify Moeller Collimator - FAB/PROCURE	17-Feb-14	14-Apr-14	31-Mar-14	103.2w	0%	$0	$41,112
1.4.3.5.3 MAPPING				03-Sep-13 A	28-Apr-14	30-Apr-14	82.6w		$18,706	$172,200
24353010		U	Fabricate and Use New ARC Mapper FY13	03-Sep-13 A	20-Dec-13	30-Sep-13	98.8w	41%	$4,747	$11,577
24353010a		U	Fabricate and Use New ARC Mapper FY14	03-Sep-13 A	20-Dec-13	20-Dec-13	98.8w	41%	$13,959	$34,047
24353015		U	Refurb Existing Harmonic Coil for SHMS Mags	13-Jan-14	28-Apr-14	30-Apr-14	74.4w	0%	$0	$126,576
1.4.3.5.4 SCATTERING CHAMBER				04-Mar-14	04-Sep-14	05-Sep-14	152.0w		$0	$183,141
24354008		U	Proc & Fab Chamb Flanges (SCATTER CHAMB)	04-Mar-14	24-Jun-14	25-Jun-14	162.0w	0%	$0	$10,319
24354010		U	Procure and Install Chamb Flanges (SCATTER CHAMB)	04-Mar-14	04-Sep-14	05-Sep-14	68.4w	0%	$0	$4,880
24354015a		U	Proc & Install HMS & SHMS Window Frames (SCATTER CHAMB)	04-Mar-14	04-Sep-14	05-Sep-14	68.4w	0%	$0	$14,662
24354020		U	Proc & Install HMS & SHMS Blank Covers (SCATTER CHAMB)	04-Mar-14	04-Sep-14	05-Sep-14	68.4w	0%	$0	$8,208
24354022	ST	S	Modify Seal on Scattering Chamber	04-Mar-14	20-Aug-14	21-Aug-14	64.4w	0%	$0	$60,707
24354030		U	Proc & Install Gate Valves,BL adaptors & Vac Gauges (SCATTER CHAMB) I	04-Mar-14	17-Jun-14	18-Jun-14	68.4w	0%	$0	$46,990
24354030b		D	Proc & Install Gate Valves,BL adaptors & Vac Gauges (SCATTER CHAMB) F	04-Mar-14	17-Jun-14	18-Jun-14	68.4w	0%	$0	$37,375
1.4.3.5.5 BEAM PIPE & STANDS				30-Jun-14	01-May-15	01-May-15	25.8w		$0	$290,648
24355000	ST	S	Produce Manufacturing Drawings for Beam Pipe, Stands, Fittings	30-Jun-14	30-Sep-14	01-Oct-14	54.2w	0%	$0	$55,974
24355005		D	Proc 1st Pipe (Beam Pipe)	01-Oct-14	23-Dec-14	23-Dec-14	39.2w	0%	$0	$32,120
24355010		D	Proc 2nd Section of Beam Pipe (Beam Pipe)	03-Nov-14	02-Feb-15	02-Feb-15	22.4w	0%	$0	$43,923
24355015		D	Proc 3rd Section of Beam Pipe (Beam Pipe)	02-Dec-14	02-Mar-15	02-Mar-15	22.4w	0%	$0	$53,675
24355020		D	Proc Windows & Window Spool (Beam Pipe)	05-Jan-15	01-May-15	01-May-15	23.4w	0%	$0	$71,916
24355025		D	Proc Beam Stands (Beam Pipe)	05-Jan-15	01-May-15	01-May-15	22.4w	0%	$0	$18,002
24355030		D	Proc Vac Fittings (Beam Pipe)	05-Jan-15	01-May-15	01-May-15	24.4w	0%	$0	$15,037
1.4.3.6 INFRASTUCTURE				03-Sep-13 A	23-Dec-15	23-Dec-15	87.4w		$588,582	$4,102,335
1.4.3.6.2 SUPPORT STRUCTURE				03-Sep-13 A	16-Sep-13	30-Sep-13			$1,520	$1,520
24362000		U	Engineering Consulting	03-Sep-13 A	16-Sep-13	30-Sep-13		100%	$1,520	$1,520
1.4.3.6.3 SHIELD HOUSE				03-Sep-13 A	30-Jan-14	30-Jan-14	94.8w		$18,929	$86,509
24363030aa		U	Assemble Cast Panels and Lead Sheets (SHIELD HOUSE)	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$7,775	$7,775



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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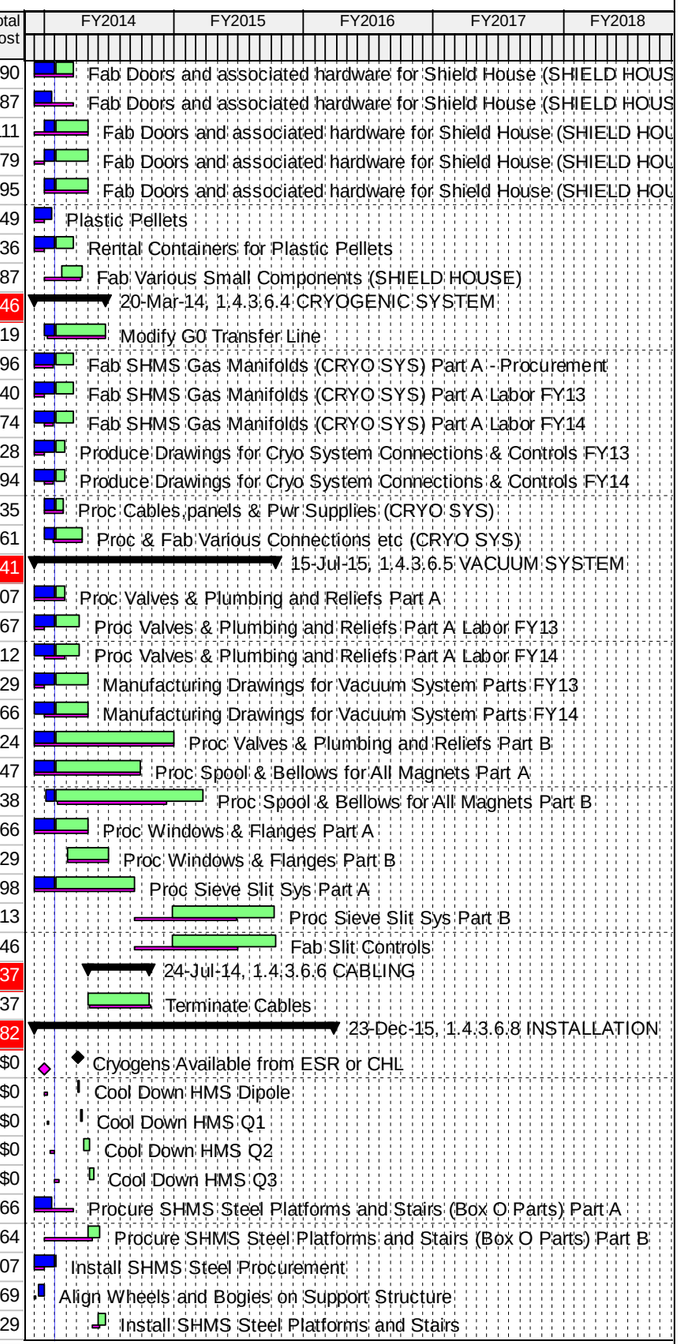
Activity ID	Activ with Step	EVA Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24363035		D	Fab Doors and associated hardware for Shield House (SHIELD HOUSE) Part	03-Sep-13 A	20-Dec-13	20-Dec-13	41.8w	34%	$5,301	$15,590
24363036		D	Fab Doors and associated hardware for Shield House (SHIELD HOUSE) Part	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$1,987	$1,987
24363037		D	Fab Doors and associated hardware for Shield House (SHIELD HOUSE) Part	01-Oct-13 A	30-Jan-14	30-Jan-14	37.8w	16%	$1,298	$8,111
24363037a		D	Fab Doors and associated hardware for Shield House (SHIELD HOUSE) Part	01-Oct-13 A	30-Jan-14	30-Sep-13	37.8w	16%	$125	$779
24363037b		D	Fab Doors and associated hardware for Shield House (SHIELD HOUSE) Part	01-Oct-13 A	30-Jan-14	30-Jan-14	37.8w	16%	$495	$3,095
24363041		D	Plastic Pellets	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,949	$1,949
24363046		D	Rental Containers for Plastic Pellets	03-Sep-13 A	20-Dec-13	30-Sep-13	98.8w	0%	$0	$336
24363060		D	Fab Various Small Components (SHIELD HOUSE)	18-Nov-13	16-Jan-14	13-Jan-14	80.2w	0%	$0	$46,887
1.4.3.6.4 CRYOGENIC SYSTEM				03-Sep-13 A	20-Mar-14	20-Mar-14	60.2w		$53,824	$277,646
24364016	ST	S	Modify G0 Transfer Line	01-Oct-13 A	20-Mar-14	20-Mar-14	47.6w	18%	$26,463	$147,019
24364030		U	Fab SHMS Gas Manifolds (CRYO SYS) Part A - Procurement	03-Sep-13 A	20-Dec-13	24-Oct-13	57.6w	88%	$8,972	$10,196
24364030a		U	Fab SHMS Gas Manifolds (CRYO SYS) Part A Labor FY13	03-Sep-13 A	20-Dec-13	30-Sep-13	70.8w	88%	$4,523	$5,140
24364030b		U	Fab SHMS Gas Manifolds (CRYO SYS) Part A Labor FY14	03-Sep-13 A	20-Dec-13	24-Oct-13	57.6w	88%	$4,201	$4,774
24364043	ST	S	Produce Drawings for Cryo System Connections & Controls FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	56.6w	40%	$1,211	$3,028
24364043a	ST	S	Produce Drawings for Cryo System Connections & Controls FY14	03-Sep-13 A	27-Nov-13	24-Oct-13	61.6w	40%	$1,438	$3,594
24364065		D	Proc Cables,panels & Pwr Supplies (CRYO SYS)	01-Oct-13 A	21-Nov-13	21-Nov-13	62.4w	20%	$4,587	$22,935
24364075		D	Proc & Fab Various Connections etc (CRYO SYS)	01-Oct-13 A	16-Jan-14	16-Jan-14	56.4w	3%	$2,429	$80,961
1.4.3.6.5 VACUUM SYSTEM				03-Sep-13 A	15-Jul-15	31-Mar-15	109.8w		$20,734	$306,941
24365020		D	Proc Valves & Plumbing and Reliefs Part A	03-Sep-13 A	27-Nov-13	27-Nov-13	71.6w	0%	$0	$20,707
24365020a		D	Proc Valves & Plumbing and Reliefs Part A Labor FY13	03-Sep-13 A	08-Jan-14	30-Sep-13	185.4w	0%	$0	$467
24365020b		D	Proc Valves & Plumbing and Reliefs Part A Labor FY14	03-Sep-13 A	08-Jan-14	27-Nov-13	185.4w	0%	$0	$1,012
24365023		H	Manufacturing Drawings for Vacuum System Parts FY13	03-Sep-13 A	31-Jan-14	30-Sep-13	20.4w	50%	$1,015	$2,029
24365023a		H	Manufacturing Drawings for Vacuum System Parts FY14	03-Sep-13 A	31-Jan-14	31-Jan-14	20.4w	50%	$4,083	$8,166
24365025		D	Proc Valves & Plumbing and Reliefs Part B	03-Sep-13 A	30-Sep-14	30-Sep-14	30.6w	0%	$0	$88,724
24365030		D	Proc Spool & Bellows for All Magnets Part A	03-Sep-13 A	30-Jun-14	30-Jun-14	39.6w	38%	$5,490	$14,447
24365032		D	Proc Spool & Bellows for All Magnets Part B	07-Oct-13 A	22-Dec-14	08-Sep-14	15.4w	33%	$6,811	$20,638
24365035		D	Proc Windows & Flanges Part A	03-Sep-13 A	31-Jan-14	31-Jan-14	48.6w	12%	$2,168	$18,066
24365040		D	Proc Windows & Flanges Part B	04-Dec-13	31-Mar-14	31-Mar-14	40.4w	0%	$0	$19,929
24365045		D	Proc Sieve Slit Sys Part A	03-Sep-13 A	13-Jun-14	13-Jun-14	68.8w	4%	$1,168	$29,198
24365047		D	Proc Sieve Slit Sys Part B	26-Sep-14	10-Jul-15	26-Mar-15	16.0w	0%	$0	$65,113
24365050	ST	S	Fab Slit Controls	26-Sep-14	15-Jul-15	31-Mar-15	15.4w	0%	$0	$18,446
1.4.3.6.6 CABLING				03-Feb-14	24-Jul-14	28-Jul-14	45.8w		$0	$15,037
24366025		U	Terminate Cables	03-Feb-14	24-Jul-14	28-Jul-14	45.4w	0%	$0	$15,037
1.4.3.6.8 INSTALLATION				03-Sep-13 A	23-Dec-15	23-Dec-15	87.4w		$493,575	$3,414,682
24368015M		M	Cryogens Available from ESR or CHL	03-Jan-14			50.2w	0%	$0	$0
24368020		Z	Cool Down HMS Dipole	03-Jan-14	09-Jan-14	07-Oct-13	50.2w	0%	$0	$0
24368025		Z	Cool Down HMS Q1	10-Jan-14	17-Jan-14	15-Oct-13	50.2w	0%	$0	$0
24368030		Z	Cool Down HMS Q2	21-Jan-14	03-Feb-14	29-Oct-13	50.2w	0%	$0	$0
24368035		Z	Cool Down HMS Q3	04-Feb-14	17-Feb-14	12-Nov-13	50.2w	0%	$0	$0
24368040		D	Procure SHMS Steel Platforms and Stairs (Box O Parts) Part A	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$2,266	$2,266
24368045		D	Procure SHMS Steel Platforms and Stairs (Box O Parts) Part B	03-Feb-14	04-Mar-14	13-Feb-14	48.4w	0%	$0	$88,364
24368050		D	Install SHMS Steel Procurement	03-Sep-13 A	01-Nov-13	30-Sep-13	50.4w	100%	$174,707	$174,707
24368052		H	Align Wheels and Bogies on Support Structure	16-Sep-13 A	30-Sep-13	06-Sep-13		100%	$3,669	$3,669
24368055		D	Install SHMS Steel Platforms and Stairs	03-Mar-14	21-Mar-14	04-Mar-14	48.4w	0%	$0	$53,629



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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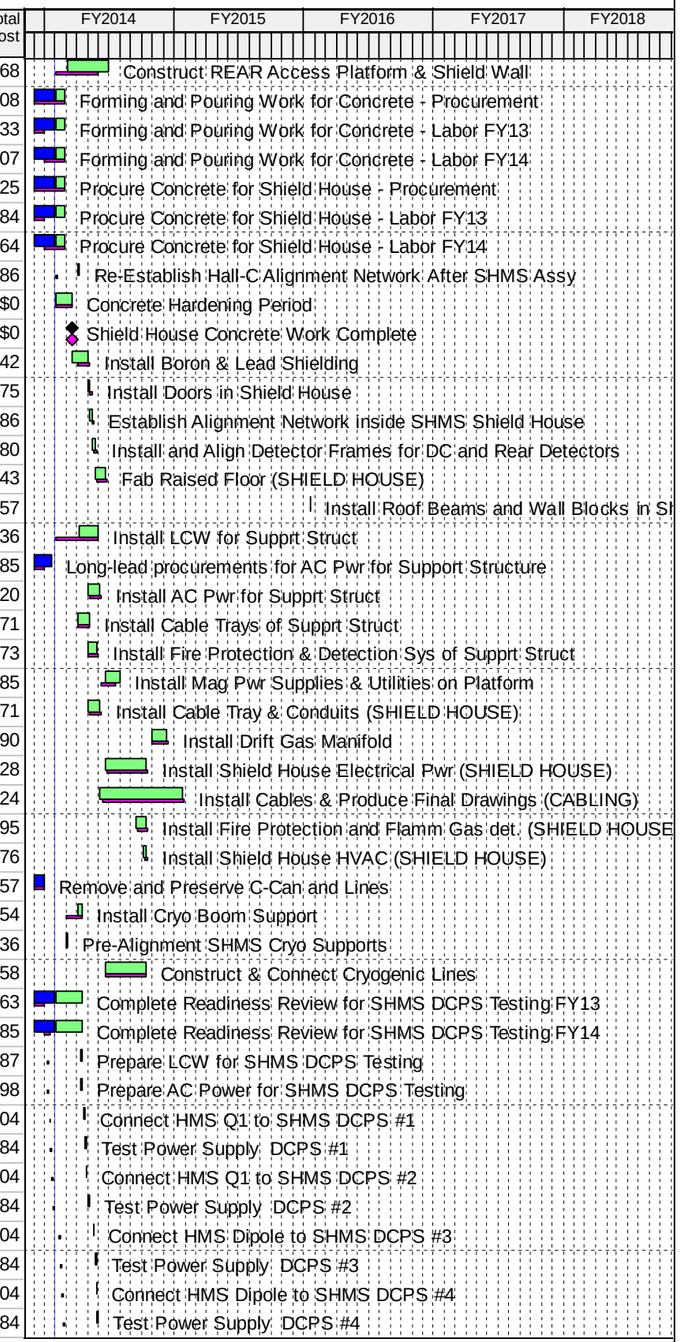
Activity ID	Activ with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24368060		D	Construct REAR Access Platform & Shield Wall	05-Dec-13	01-Apr-14	28-Feb-14	55.8w	0%	$0	$74,668
24368065	ST	S	Forming and Pouring Work for Concrete - Procurement	03-Sep-13 A	27-Nov-13	27-Nov-13	46.4w	50%	$154,754	$309,508
24368065a	ST	S	Forming and Pouring Work for Concrete - Labor FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	78.2w	50%	$2,217	$4,433
24368065b	ST	S	Forming and Pouring Work for Concrete - Labor FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	61.0w	50%	$4,803	$9,607
24368070	ST	S	Procure Concrete for Shield House - Procurement	03-Sep-13 A	27-Nov-13	27-Nov-13	37.8w	50%	$106,513	$213,025
24368070a	ST	S	Procure Concrete for Shield House - Labor FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	113.0w	50%	$592	$1,184
24368070b	ST	S	Procure Concrete for Shield House - Labor FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	95.8w	50%	$1,282	$2,564
24368075		H	Re-Establish Hall-C Alignment Network After SHMS Assy	02-Jan-14	06-Jan-14	08-Nov-13	42.2w	0%	$0	$3,786
24368080		Z	Concrete Hardening Period	04-Nov-13	17-Dec-13	17-Dec-13	37.8w	0%	$0	$0
24368085M		M	Shield House Concrete Work Complete		17-Dec-13	17-Dec-13	37.8w	0%	$0	$0
24368090	ST	S	Install Boron & Lead Shielding	18-Dec-13	30-Jan-14	04-Feb-14	37.8w	0%	$0	$78,242
24368095	ST	S	Install Doors in Shield House	31-Jan-14	06-Feb-14	11-Feb-14	37.8w	0%	$0	$11,675
24368097		H	Establish Alignment Network inside SHMS Shield House	07-Feb-14	13-Feb-14	18-Feb-14	37.8w	0%	$0	$3,786
24368100	ST	S	Install and Align Detector Frames for DC and Rear Detectors	14-Feb-14	20-Feb-14	25-Feb-14	37.8w	0%	$0	$10,380
24368105		D	Fab Raised Floor (SHIELD HOUSE)	21-Feb-14	20-Mar-14	25-Mar-14	37.8w	0%	$0	$59,043
24368110		H	Install Roof Beams and Wall Blocks in Shield House	22-Oct-15	22-Oct-15	22-Oct-15	8.4w	0%	$0	$757
24368115	ST	S	Install LCW for Supprt Struct	06-Jan-14	28-Feb-14	28-Feb-14	51.4w	0%	$0	$56,536
24368120		D	Long-lead procurements for AC Pwr for Support Structure	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$12,985	$12,985
24368122	ST	S	Install AC Pwr for Supprt Struct	31-Jan-14	06-Mar-14	10-Mar-14	50.6w	0%	$0	$104,420
24368125	ST	S	Install Cable Trays of Supprt Struct	02-Jan-14	03-Feb-14	03-Feb-14	55.2w	0%	$0	$27,871
24368130	ST	S	Install Fire Protection & Detection Sys of Supprt Struct	30-Jan-14	27-Feb-14	03-Mar-14	51.6w	0%	$0	$37,173
24368135	ST	S	Install Mag Pwr Supplies & Utilities on Platform	24-Mar-14	02-May-14	21-Apr-14	48.6w	0%	$0	$24,085
24368140	ST	S	Install Cable Tray & Conduits (SHIELD HOUSE)	31-Jan-14	06-Mar-14	11-Mar-14	39.8w	0%	$0	$27,871
24368145		H	Install Drift Gas Manifold	31-Jul-14	11-Sep-14	12-Sep-14	56.4w	0%	$0	$7,890
24368150	ST	S	Install Shield House Electrical Pwr (SHIELD HOUSE)	21-Mar-14	14-Jul-14	17-Jul-14	37.8w	0%	$0	$56,228
24368155	ST	S	Install Cables & Produce Final Drawings (CABLING)	07-Mar-14	27-Oct-14	30-Oct-14	40.6w	0%	$0	$111,724
24368160	ST	S	Install Fire Protection and Flamm Gas det. (SHIELD HOUSE)	16-Jun-14	14-Jul-14	17-Jul-14	37.8w	0%	$0	$48,995
24368165	ST	S	Install Shield House HVAC (SHIELD HOUSE)	08-Jul-14	14-Jul-14	17-Jul-14	37.8w	0%	$0	$33,076
24368170		H	Remove and Preserve C-Can and Lines	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$10,457	$10,457
24368175	ST	S	Install Cryo Boom Support	02-Jan-14	17-Jan-14	17-Jan-14	56.2w	0%	$0	$27,154
24368180		H	Pre-Alignment SHMS Cryo Supports	02-Dec-13	04-Dec-13	04-Dec-13	61.0w	0%	$0	$1,136
24368185	ST	S	Construct & Connect Cryogenic Lines	21-Mar-14	14-Jul-14	14-Jul-14	47.6w	0%	$0	$144,258
24368190		H	Complete Readiness Review for SHMS DCPS Testing FY13	03-Sep-13 A	15-Jan-14	30-Sep-13	54.4w	50%	$1,181	$2,363
24368190a		H	Complete Readiness Review for SHMS DCPS Testing FY14	03-Sep-13 A	15-Jan-14	17-Oct-13	54.4w	50%	$793	$1,585
24368195		H	Prepare LCW for SHMS DCPS Testing	10-Jan-14	17-Jan-14	15-Oct-13	52.6w	0%	$0	$7,387
24368200	ST	S	Prepare AC Power for SHMS DCPS Testing	10-Jan-14	17-Jan-14	15-Oct-13	52.6w	0%	$0	$16,998
24368205		H	Connect HMS Q1 to SHMS DCPS #1	21-Jan-14	22-Jan-14	17-Oct-13	52.2w	0%	$0	$1,504
24368210		H	Test Power Supply DCPS #1	23-Jan-14	27-Jan-14	22-Oct-13	52.2w	0%	$0	$3,584
24368215		H	Connect HMS Q1 to SHMS DCPS #2	28-Jan-14	29-Jan-14	24-Oct-13	52.2w	0%	$0	$1,504
24368220		H	Test Power Supply DCPS #2	30-Jan-14	03-Feb-14	29-Oct-13	52.2w	0%	$0	$3,584
24368225		H	Connect HMS Dipole to SHMS DCPS #3	18-Feb-14	19-Feb-14	14-Nov-13	50.2w	0%	$0	$1,504
24368230		H	Test Power Supply DCPS #3	20-Feb-14	24-Feb-14	19-Nov-13	50.2w	0%	$0	$3,584
24368235		H	Connect HMS Dipole to SHMS DCPS #4	25-Feb-14	26-Feb-14	21-Nov-13	50.2w	0%	$0	$1,504
24368240		H	Test Power Supply DCPS #4	27-Feb-14	03-Mar-14	26-Nov-13	50.2w	0%	$0	$3,584



Primary Baseline | Remaining Work | Baseline Milestone
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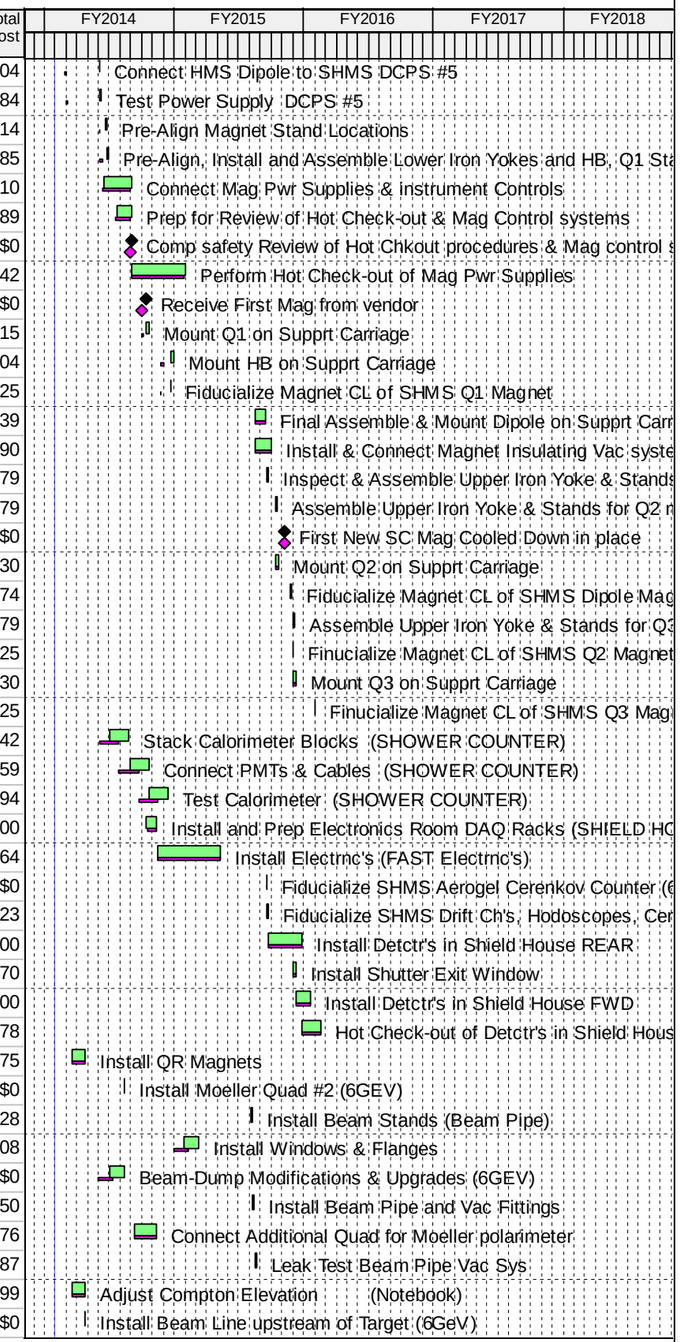
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24368245		H	Connect HMS Dipole to SHMS DCPS #5	04-Mar-14	05-Mar-14	02-Dec-13	50.2w	0%	$0	$1,504
24368250		H	Test Power Supply DCPS #5	06-Mar-14	10-Mar-14	05-Dec-13	50.2w	0%	$0	$3,584
24368255		H	Pre-Align Magnet Stand Locations	24-Mar-14	25-Mar-14	06-Mar-14	56.0w	0%	$0	$1,514
24368260	ST	S	Pre-Align, Install and Assemble Lower Iron Yokes and HB, Q1 Stands	26-Mar-14	01-Apr-14	13-Mar-14	56.0w	0%	$0	$24,285
24368265	ST	S	Connect Mag Pwr Supplies & instrument Controls	18-Mar-14	03-Jun-14	30-May-14	48.8w	0%	$0	$94,810
24368270	ST	S	Prep for Review of Hot Check-out & Mag Control systems	22-Apr-14	03-Jun-14	30-May-14	48.8w	0%	$0	$14,989
24368275M		Z	Comp safety Review of Hot Chkout procedures & Mag control systems		03-Jun-14	30-May-14	48.8w	0%	$0	$0
24368280	ST	S	Perform Hot Check-out of Mag Pwr Supplies	04-Jun-14	04-Nov-14	31-Oct-14	48.8w	0%	$0	$54,042
24368285M		M	Receive First Mag from vendor	16-Jul-14			41.4w	0%	$0	$0
24368290	ST	S	Mount Q1 on Supprt Carriage	16-Jul-14	22-Jul-14	08-Jul-14	52.6w	0%	$0	$28,915
24368295	ST	S	Mount HB on Supprt Carriage	23-Sep-14	29-Sep-14	02-Sep-14	50.0w	0%	$0	$9,104
24368300		H	Fiducialize Magnet CL of SHMS Q1 Magnet	23-Sep-14	23-Sep-14	26-Aug-14	54.8w	0%	$0	$1,925
24368305	ST	S	Final Assemble & Mount Dipole on Supprt Carriage	19-May-15	17-Jun-15	17-Jun-15	0.0w	0%	$0	$67,139
24368310	ST	S	Install & Connect Magnet Insulating Vac system	19-May-15	01-Jul-15	01-Jul-15	0.0w	0%	$0	$54,190
24368315		H	Inspect & Assemble Upper Iron Yoke & Stands for Dipole magnet	18-Jun-15	22-Jun-15	22-Jun-15	1.4w	0%	$0	$8,579
24368325		H	Assemble Upper Iron Yoke & Stands for Q2 magnet	16-Jul-15	20-Jul-15	20-Jul-15	0.4w	0%	$0	$8,579
24368335M		M	First New SC Mag Cooled Down in place	07-Aug-15			12.2w	0%	$0	$0
24368340	ST	S	Mount Q2 on Supprt Carriage	16-Jul-15	22-Jul-15	22-Jul-15	0.0w	0%	$0	$39,230
24368350		H	Fiducialize Magnet CL of SHMS Dipole Magnet	26-Aug-15	28-Aug-15	28-Aug-15	0.4w	0%	$0	$5,774
24368360		H	Assemble Upper Iron Yoke & Stands for Q3 magnet	02-Sep-15	04-Sep-15	04-Sep-15	0.6w	0%	$0	$8,579
24368365		H	Finucialize Magnet CL of SHMS Q2 Magnet	02-Sep-15	02-Sep-15	02-Sep-15	8.4w	0%	$0	$1,925
24368370	ST	S	Mount Q3 on Supprt Carriage	03-Sep-15	10-Sep-15	10-Sep-15	0.0w	0%	$0	$39,230
24368390		H	Finucialize Magnet CL of SHMS Q3 Magnet	02-Nov-15	02-Nov-15	02-Nov-15	0.0w	0%	$0	$1,925
24368400		U	Stack Calorimeter Blocks (SHOWER COUNTER)	02-Apr-14	28-May-14	29-Apr-14	55.8w	0%	$0	$15,142
24368405		H	Connect PMTs & Cables (SHOWER COUNTER)	29-May-14	24-Jul-14	25-Jun-14	55.8w	0%	$0	$3,759
24368410	ST	S	Test Calorimeter (SHOWER COUNTER)	25-Jul-14	16-Sep-14	18-Aug-14	55.8w	0%	$0	$3,294
24368415	ST	S	Install and Prep Electronics Room DAQ Racks (SHIELD HOUSE)	15-Jul-14	11-Aug-14	14-Aug-14	37.8w	0%	$0	$17,000
24368420	ST	S	Install Electrnc's (FAST Electrnc's)	15-Aug-14	09-Feb-15	09-Feb-15	37.2w	0%	$0	$67,664
24368425		Z	Fiducialize SHMS Aerogel Cerenkov Counter (6GEV)	18-Jun-15	18-Jun-15	18-Jun-15	9.6w	0%	$0	$0
24368430		H	Fiducialize SHMS Drift Ch's, Hodoscopes, Cerenkovs, Preshower	18-Jun-15	24-Jun-15	24-Jun-15	8.8w	0%	$0	$9,623
24368435	ST	S	Install Detctr's in Shield House REAR	25-Jun-15	25-Sep-15	25-Sep-15	8.8w	0%	$0	$90,400
24368440	ST	S	Install Shutter Exit Window	02-Sep-15	09-Sep-15	09-Sep-15	5.2w	0%	$0	$15,570
24368445	ST	S	Install Detctr's in Shield House FWD	10-Sep-15	21-Oct-15	21-Oct-15	5.2w	0%	$0	$90,400
24368450	ST	S	Hot Check-out of Detctr's in Shield House	28-Sep-15	20-Nov-15	20-Nov-15	5.2w	0%	$0	$11,278
24368455	ST	S	Install QR Magnets	17-Dec-13	23-Jan-14	23-Jan-14	95.8w	0%	$0	$11,675
24368460		Z	Install Moeller Quad #2 (6GEV)	13-May-14	13-May-14	14-May-14	95.0w	0%	$0	$0
24368465	ST	S	Install Beam Stands (Beam Pipe)	04-May-15	08-May-15	08-May-15	22.4w	0%	$0	$27,428
24368470	ST	S	Install Windows & Flanges	29-Oct-14	11-Dec-14	12-Nov-14	60.8w	0%	$0	$17,808
24368475		Z	Beam-Dump Modifications & Upgrades (6GEV)	02-Apr-14	13-May-14	11-Apr-14	80.2w	0%	$0	$0
24368480	ST	S	Install Beam Pipe and Vac Fittings	11-May-15	15-May-15	15-May-15	22.4w	0%	$0	$14,750
24368485	ST	S	Connect Additional Quad for Moeller polarimeter	12-Jun-14	13-Aug-14	14-Aug-14	95.0w	0%	$0	$17,776
24368490	ST	S	Leak Test Beam Pipe Vac Sys	18-May-15	22-May-15	22-May-15	22.4w	0%	$0	$21,587
24368495	ST	S	Adjust Compton Elevation (Notebook)	16-Dec-13	22-Jan-14	23-Jan-14	95.0w	0%	$0	$26,299
24368500		Z	Install Beam Line upstream of Target (6GeV)	23-Jan-14	23-Jan-14	24-Jan-14	107.4w	0%	$0	$0



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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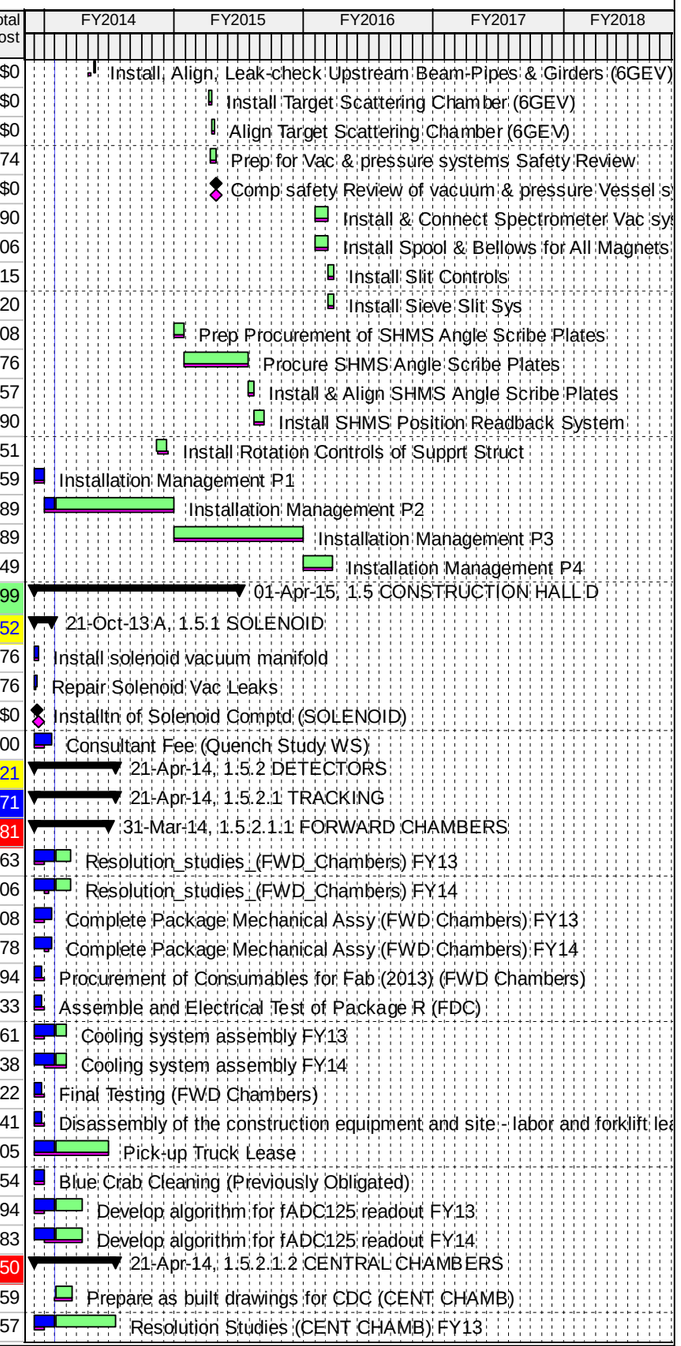
Activity ID	Acti with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
24368505		Z	Install, Align, Leak-check Upstream Beam-Pipes & Girders (6GEV)	17-Feb-14	21-Feb-14	07-Feb-14	91.6w	0%	$0	$0
24368510		Z	Install Target Scattering Chamber (6GEV)	08-Jan-15	14-Jan-15	14-Jan-15	46.6w	0%	$0	$0
24368515		Z	Align Target Scattering Chamber (6GEV)	15-Jan-15	22-Jan-15	22-Jan-15	46.6w	0%	$0	$0
24368520		H	Prep for Vac & pressure systems Safety Review	12-Jan-15	26-Jan-15	26-Jan-15	16.0w	0%	$0	$5,974
24368525M		Z	Comp safety Review of vacuum & pressure Vessel systems Implementn		26-Jan-15	26-Jan-15	16.0w	0%	$0	$0
24368530	ST	S	Install & Connect Spectrometer Vac system	03-Nov-15	09-Dec-15	09-Dec-15	0.0w	0%	$0	$54,190
24368535	ST	S	Install Spool & Bellows for All Magnets	03-Nov-15	09-Dec-15	09-Dec-15	0.0w	0%	$0	$32,406
24368540	ST	S	Install Slit Controls	10-Dec-15	23-Dec-15	23-Dec-15	0.0w	0%	$0	$11,315
24368545	ST	S	Install Sieve Slit Sys	10-Dec-15	23-Dec-15	23-Dec-15	0.0w	0%	$0	$55,120
24368550		H	Prep Procurement of SHMS Angle Scribe Plates	01-Oct-14	28-Oct-14	28-Oct-14	27.0w	0%	$0	$8,208
24368555		D	Procure SHMS Angle Scribe Plates	29-Oct-14	28-Apr-15	28-Apr-15	27.0w	0%	$0	$41,276
24368560	ST	S	Install & Align SHMS Angle Scribe Plates	29-Apr-15	12-May-15	12-May-15	27.0w	0%	$0	$11,357
24368565	ST	S	Install SHMS Position Readback System	13-May-15	11-Jun-15	11-Jun-15	27.0w	0%	$0	$20,890
24368570	ST	S	Install Rotation Controls of Supprt Struct	12-Aug-14	09-Sep-14	12-Sep-14	63.8w	0%	$0	$129,851
24368575LO		E	Installation Management P1	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$8,159	$8,159
24368580LO		E	Installation Management P2	01-Oct-13 A	30-Sep-14	30-Sep-14	87.8w	9.31%	$9,197	$98,789
24368585LO		E	Installation Management P3	01-Oct-14	01-Oct-15	01-Oct-15	87.8w	0%	$0	$98,789
24368590LO		E	Installation Management P4	02-Oct-15	22-Dec-15	22-Dec-15	87.8w	0%	$0	$21,249
1.5 CONSTRUCTION HALL D				03-Sep-13 A	01-Apr-15	01-Apr-15	124.2w		$1,567,147	$6,161,399
1.5.1 SOLENOID				03-Sep-13 A	21-Oct-13 A	30-Sep-13			$13,452	$13,452
251173f	ST	S	Install solenoid vacuum manifold	03-Sep-13 A	16-Sep-13	16-Sep-13		100%	$3,976	$3,976
251195	ST	S	Repair Solenoid Vac Leaks	03-Sep-13 A	09-Sep-13	06-Sep-13		100%	$3,376	$3,376
251250M		M	Installtn of Solenoid Comptd (SOLENOID)		09-Sep-13	16-Sep-13		100%	$0	$0
251666		D	Consultant Fee (Quench Study WS)	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$6,100	$6,100
1.5.2 DETECTORS				03-Sep-13 A	21-Apr-14	21-Apr-14	171.0w		$331,481	$527,421
1.5.2.1 TRACKING				03-Sep-13 A	21-Apr-14	21-Apr-14	171.0w		$29,452	$128,771
1.5.2.1.1 FORWARD CHAMBERS				03-Sep-13 A	31-Mar-14	31-Mar-14	25.6w		$26,146	$60,581
25211172	ST	S	Resolution_studies_(FWD_Chambers) FY13	03-Sep-13 A	12-Dec-13	30-Sep-13	6.6w	50%	$2,332	$4,663
25211172a	ST	S	Resolution_studies_(FWD_Chambers) FY14	03-Sep-13 A	12-Dec-13	14-Oct-13	6.6w	50%	$1,203	$2,406
25211175	ST	S	Complete Package Mechanical Assy (FWD Chambers) FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,508	$1,508
25211175a	ST	S	Complete Package Mechanical Assy (FWD Chambers) FY14	03-Sep-13 A	21-Oct-13 A	14-Oct-13		100%	$778	$778
25211191		U	Procurement of Consumables for Fab (2013) (FWD Chambers)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,094	$1,094
25211208		U	Assemble and Electrical Test of Package R (FDC)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$2,633	$2,633
25211217	ST	S	Cooling system assembly FY13	03-Sep-13 A	02-Dec-13	30-Sep-13	40.8w	0%	$0	$2,361
25211217a	ST	S	Cooling system assembly FY14	03-Sep-13 A	02-Dec-13	02-Dec-13	40.8w	0%	$0	$5,238
25211220		U	Final Testing (FWD Chambers)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$4,722	$4,722
25211250		U	Disassembly of the construction equipment and site - labor and forklift lease	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$5,541	$5,541
25211255LO		E	Pick-up Truck Lease	03-Sep-13 A	31-Mar-14	31-Mar-14	25.6w	30.94%	$806	$2,605
25211255LO		E	Blue Crab Cleaning (Previously Obligated)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$154	$154
25211260	ST	S	Develop algorithm for fADC125 readout FY13	03-Sep-13 A	17-Jan-14	30-Sep-13	35.6w	20%	$1,179	$5,894
25211260a	ST	S	Develop algorithm for fADC125 readout FY14	03-Sep-13 A	17-Jan-14	17-Jan-14	35.6w	20%	$4,197	$20,983
1.5.2.1.2 CENTRAL CHAMBERS				03-Sep-13 A	21-Apr-14	21-Apr-14	171.0w		$1,797	$21,050
25212010	ST	S	Prepare as built drawings for CDC (CENT CHAMB)	01-Nov-13	19-Dec-13	18-Dec-13	38.2w	0%	$0	$15,059
25212185	ST	S	Resolution Studies (CENT CHAMB) FY13	03-Sep-13 A	21-Apr-14	30-Sep-13	22.6w	30%	$227	$757



Primary Baseline | Remaining Work | Baseline Milestone
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TASK filter: RESP - Responsibility to use After ReBas.

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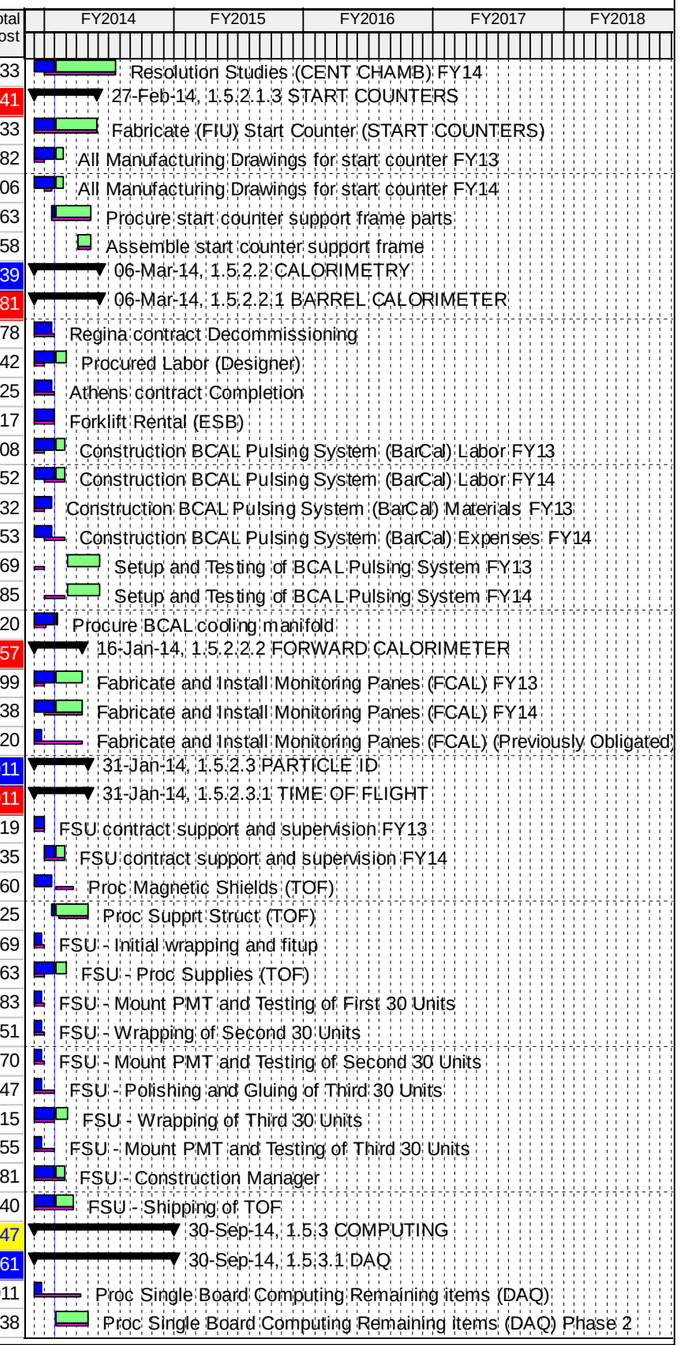
Activity ID	Acti with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
25212185a	ST	S	Resolution Studies (CENT CHAMB) FY14	03-Sep-13 A	21-Apr-14	21-Apr-14	171.0w	30%	$1,570	$5,233
1.5.2.1.3 START COUNTERS				03-Sep-13 A	27-Feb-14	27-Feb-14	28.0w		$1,509	$47,141
25213005		D	Fabricate (FIU) Start Counter (START COUNTERS)	03-Sep-13 A	27-Feb-14	27-Feb-14	26.2w	2%	$569	$28,433
25213015	ST	S	All Manufacturing Drawings for start counter FY13	03-Sep-13 A	22-Nov-13	30-Sep-13	31.6w	18%	$285	$1,582
25213015a	ST	S	All Manufacturing Drawings for start counter FY14	03-Sep-13 A	22-Nov-13	22-Oct-13	31.6w	18%	$235	$1,306
25213020		D	Procure start counter support frame parts	21-Oct-13 A	07-Feb-14	07-Feb-14	30.8w	8%	$421	$5,263
25213025	ST	S	Assemble start counter support frame	03-Jan-14	07-Feb-14	07-Feb-14	30.8w	0%	$0	$10,558
1.5.2.2 CALORIMETRY				03-Sep-13 A	06-Mar-14	16-Jan-14	29.0w		$53,144	$103,739
1.5.2.2.1 BARREL CALORIMETER				03-Sep-13 A	06-Mar-14	27-Nov-13	29.0w		$29,594	$75,681
25221000		D	Regina contract Decommissioning	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$8,478	$8,478
25221005		D	Procured Labor (Designer)	03-Sep-13 A	02-Dec-13	30-Sep-13	40.8w	50%	$571	$1,142
25221010		D	Athens contract Completion	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$5,125	$5,125
25221010LC		E	Forklift Rental (ESB)	03-Sep-13 A	31-Oct-13 A	31-Oct-13		100%	$817	$817
25221057b	ST	S	Construction BCAL Pulsing System (BarCal) Labor FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	38.8w	25%	$1,402	$5,608
25221057ba	ST	S	Construction BCAL Pulsing System (BarCal) Labor FY14	03-Sep-13 A	27-Nov-13	27-Nov-13	38.8w	25%	$3,038	$12,152
25221057c		D	Construction BCAL Pulsing System (BarCal) Materials FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$532	$532
25221057ca		D	Construction BCAL Pulsing System (BarCal) Expenses FY14	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$1,153	$1,153
25221060		S	Setup and Testing of BCAL Pulsing System FY13	05-Dec-13	06-Mar-14	30-Sep-13	4.0w	0%	$0	$9,869
25221060a		S	Setup and Testing of BCAL Pulsing System FY14	05-Dec-13	06-Mar-14	27-Nov-13	4.0w	0%	$0	$21,385
25221320		D	Procure BCAL cooling manifold	03-Sep-13 A	05-Nov-13	03-Oct-13	10.8w	90%	$8,478	$9,420
1.5.2.2.2 FORWARD CALORIMETER				03-Sep-13 A	16-Jan-14	16-Jan-14	24.2w		$23,550	$28,057
25222085	ST	S	Fabricate and Install Monitoring Panes (FCAL) FY13	03-Sep-13 A	16-Jan-14	30-Sep-13	24.4w	80%	$3,999	$4,999
25222085a	ST	S	Fabricate and Install Monitoring Panes (FCAL) FY14	03-Sep-13 A	16-Jan-14	16-Jan-14	24.4w	80%	$14,031	$17,538
25222090		D	Fabricate and Install Monitoring Panes (FCAL) (Previously Obligated)	03-Sep-13 A	23-Sep-13	16-Jan-14		100%	$5,520	$5,520
1.5.2.3 PARTICLE ID				03-Sep-13 A	31-Jan-14	31-Jan-14	46.8w		$248,885	$294,911
1.5.2.3.1 TIME OF FLIGHT				03-Sep-13 A	31-Jan-14	31-Jan-14	46.8w		$248,885	$294,911
25231010		E	FSU contract support and supervision FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,319	$3,319
25231010a		E	FSU contract support and supervision FY14	01-Oct-13 A	27-Nov-13	27-Nov-13	53.8w	48.65%	$3,082	$6,335
25231030		D	Proc Magnetic Shields (TOF)	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$5,860	$5,860
25231045		D	Proc Supprt Struct (TOF)	21-Oct-13 A	31-Jan-14	31-Jan-14	12.6w	8%	$1,794	$22,425
25231085		D	FSU - Initial wrapping and fitup	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$179,569	$179,569
25231090		D	FSU - Proc Supplies (TOF)	03-Sep-13 A	02-Dec-13	30-Sep-13	13.6w	60%	$1,418	$2,363
25231105		D	FSU - Mount PMT and Testing of First 30 Units	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$7,683	$7,683
25231115		D	FSU - Wrapping of Second 30 Units	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$451	$451
25231120		D	FSU - Mount PMT and Testing of Second 30 Units	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$9,370	$9,370
25231125		D	FSU - Polishing and Gluing of Third 30 Units	03-Sep-13 A	23-Sep-13	31-Oct-13		100%	$1,147	$1,147
25231130		D	FSU - Wrapping of Third 30 Units	03-Sep-13 A	05-Dec-13	31-Oct-13	26.4w	70%	$6,310	$9,015
25231135		D	FSU - Mount PMT and Testing of Third 30 Units	03-Sep-13 A	23-Sep-13	31-Oct-13		100%	$14,055	$14,055
25231140		E	FSU - Construction Manager	03-Sep-13 A	27-Nov-13	27-Nov-13	22.4w	69.35%	$14,827	$21,381
25231145		D	FSU - Shipping of TOF	03-Sep-13 A	20-Dec-13	20-Dec-13	13.8w	0%	$0	$11,940
1.5.3 COMPUTING				03-Sep-13 A	30-Sep-14	11-Dec-14	100.0w		$271,135	$1,332,447
1.5.3.1 DAQ				03-Sep-13 A	30-Sep-14	11-Dec-14	100.0w		$223,103	$732,961
2531005f		D	Proc Single Board Computing Remaining items (DAQ)	03-Sep-13 A	23-Sep-13	10-Jan-14		100%	$60,911	$60,911
2531005fa		D	Proc Single Board Computing Remaining items (DAQ) Phase 2	01-Nov-13	31-Jan-14	31-Jan-14	21.6w	0%	$0	$159,638



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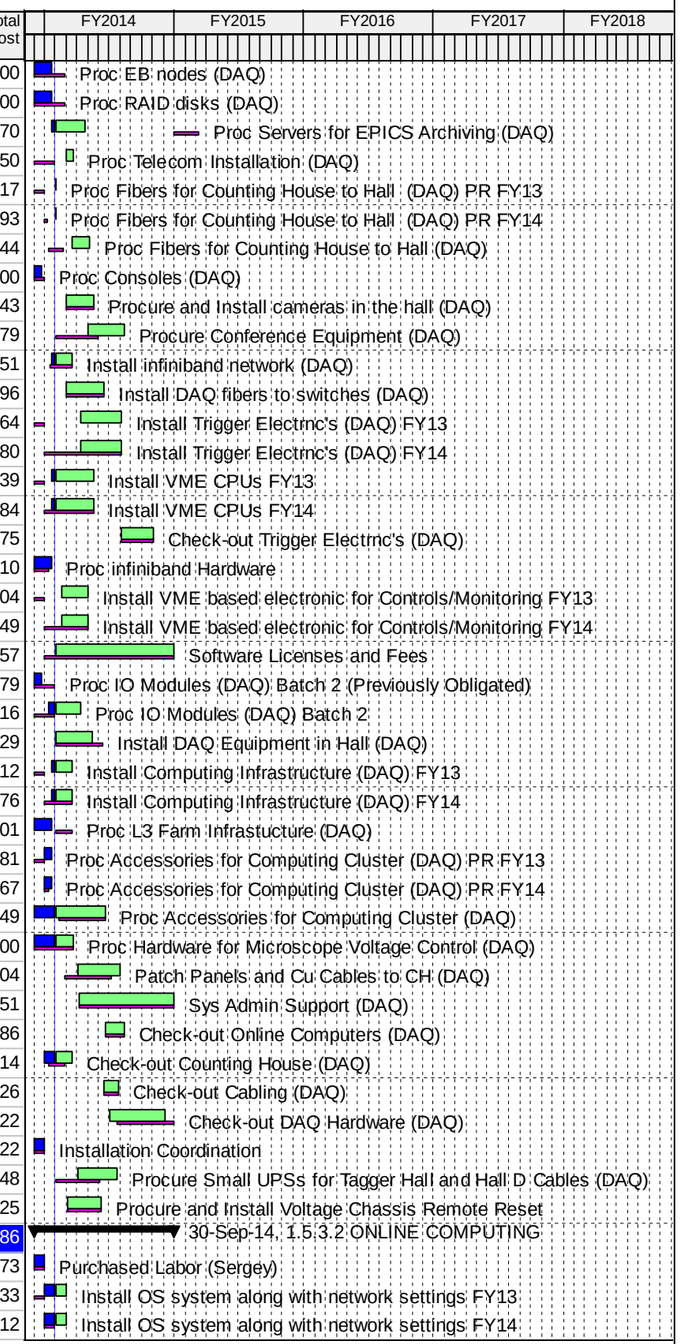
Activity ID	Activ with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2531022		D	Proc EB nodes (DAQ)	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$45,500	$45,500
2531027		D	Proc RAID disks (DAQ)	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$25,500	$25,500
2531033		D	Proc Servers for EPICS Archiving (DAQ)	21-Oct-13 A	24-Jan-14	11-Dec-14	134.2w	50%	$10,835	$21,670
2531047		D	Proc Telecom Installation (DAQ)	03-Dec-13	20-Dec-13	31-Oct-13	4.6w	0%	$0	$3,150
2531065		H	Proc Fibers for Counting House to Hall (DAQ) PR FY13	01-Nov-13	01-Nov-13	30-Sep-13	0.4w	0%	$0	$3,217
2531065a		H	Proc Fibers for Counting House to Hall (DAQ) PR FY14	01-Nov-13	01-Nov-13	11-Oct-13	6.6w	0%	$0	$1,493
2531070		D	Proc Fibers for Counting House to Hall (DAQ)	19-Dec-13	03-Feb-14	21-Nov-13	0.4w	0%	$0	$35,744
2531077		D	Proc Consoles (DAQ)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$400	$400
2531088		D	Procure and Install cameras in the hall (DAQ)	02-Dec-13	19-Feb-14	19-Feb-14	31.2w	0%	$0	$23,643
2531089		D	Procure Conference Equipment (DAQ)	03-Feb-14	16-May-14	28-Feb-14	18.8w	0%	$0	$11,179
2531097	ST	S	Install infiniband network (DAQ)	21-Oct-13 A	16-Dec-13	16-Dec-13	32.8w	30%	$5,775	$19,251
2531100		D	Install DAQ fibers to switches (DAQ)	02-Dec-13	18-Mar-14	18-Mar-14	21.4w	0%	$0	$19,696
2531105	ST	S	Install Trigger Electrnc's (DAQ) FY13	10-Jan-14	07-May-14	30-Sep-13	3.8w	0%	$0	$4,564
2531105a	ST	S	Install Trigger Electrnc's (DAQ) FY14	10-Jan-14	07-May-14	07-May-14	3.8w	0%	$0	$34,380
2531115	ST	S	Install VME CPUs FY13	21-Oct-13 A	18-Feb-14	30-Sep-13	3.4w	25%	$1,060	$4,239
2531115a	ST	S	Install VME CPUs FY14	21-Oct-13 A	18-Feb-14	18-Feb-14	3.4w	25%	$4,921	$19,684
2531125		S	Check-out Trigger Electrnc's (DAQ)	08-May-14	06-Aug-14	06-Aug-14	3.8w	0%	$0	$33,075
2531140		D	Proc infiniband Hardware	03-Sep-13 A	21-Oct-13 A	15-Oct-13		100%	$13,710	$13,710
2531165	ST	S	Install VME based electronic for Controls/Monitoring FY13	18-Nov-13	30-Jan-14	30-Sep-13	8.6w	0%	$0	$2,404
2531165a	ST	S	Install VME based electronic for Controls/Monitoring FY14	18-Nov-13	30-Jan-14	30-Jan-14	8.6w	0%	$0	$9,549
2531178		D	Software Licenses and Fees	01-Nov-13	29-Sep-14	29-Sep-14	0.2w	0%	$0	$1,857
2531227aa		D	Proc IO Modules (DAQ) Batch 2 (Previously Obligated)	03-Sep-13 A	23-Sep-13	30-Oct-13		100%	$4,979	$4,979
2531227aa5		D	Proc IO Modules (DAQ) Batch 2	14-Oct-13 A	13-Jan-14	30-Oct-13	36.4w	0%	$0	$6,116
2531310	ST	S	Install DAQ Equipment in Hall (DAQ)	01-Nov-13	13-Feb-14	13-Mar-14	4.0w	0%	$0	$12,029
2531315	ST	S	Install Computing Infrastructure (DAQ) FY13	21-Oct-13 A	16-Dec-13	30-Sep-13	100.0w	40%	$2,045	$5,112
2531315a	ST	S	Install Computing Infrastructure (DAQ) FY14	21-Oct-13 A	16-Dec-13	16-Dec-13	104.2w	40%	$5,591	$13,976
2531330		D	Proc L3 Farm Infrastucture (DAQ)	03-Sep-13 A	21-Oct-13 A	16-Dec-13		100%	$34,101	$34,101
2531335		H	Proc Accessories for Computing Cluster (DAQ) PR FY13	01-Oct-13 A	21-Oct-13 A	30-Sep-13		100%	$1,881	$1,881
2531335a		H	Proc Accessories for Computing Cluster (DAQ) PR FY14	01-Oct-13 A	21-Oct-13 A	15-Oct-13		100%	$1,067	$1,067
2531340		D	Proc Accessories for Computing Cluster (DAQ)	03-Sep-13 A	20-Mar-14	20-Mar-14	19.0w	0%	$0	$10,349
2531350		D	Proc Hardware for Microscope Voltage Control (DAQ)	03-Sep-13 A	20-Dec-13	20-Dec-13	25.6w	0%	$0	$3,000
2531360		D	Patch Panels and Cu Cables to CH (DAQ)	03-Jan-14	01-May-14	08-Apr-14	21.0w	0%	$0	$5,504
2531365		E	Sys Admin Support (DAQ)	06-Jan-14	30-Sep-14	30-Sep-14	100.0w	0%	$0	$19,251
2531370		H	Check-out Online Computers (DAQ)	21-Mar-14	15-May-14	15-May-14	19.0w	0%	$0	$8,686
2531375		H	Check-out Counting House (DAQ)	01-Oct-13 A	17-Dec-13	26-Nov-13	38.6w	50%	$3,007	$6,014
2531380		H	Check-out Cabling (DAQ)	19-Mar-14	29-Apr-14	29-Apr-14	21.4w	0%	$0	$9,626
2531385		S	Check-out DAQ Hardware (DAQ)	02-Apr-14	05-Sep-14	30-Sep-14	3.4w	0%	$0	$9,022
2531390		E	Installation Coordination	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,822	$1,822
2531395	ST	S	Procure Small UPSs for Tagger Hall and Hall D Cables (DAQ)	03-Jan-14	22-Apr-14	04-Mar-14	22.4w	0%	$0	$21,648
2531400		D	Procure and Install Voltage Chassis Remote Reset	05-Dec-13	10-Mar-14	10-Mar-14	28.6w	0%	$0	$4,325
1.5.3.2 ONLINE COMPUTING				03-Sep-13 A	30-Sep-14	30-Sep-14	100.0w		$48,032	$599,486
2532000		E	Purchased Labor (Sergey)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,573	$1,573
2532005		H	Install OS system along with network settings FY13	01-Oct-13 A	03-Dec-13	30-Sep-13	11.6w	50%	$666	$1,333
2532005a		H	Install OS system along with network settings FY14	01-Oct-13 A	03-Dec-13	29-Oct-13	11.7w	50%	$756	$1,512



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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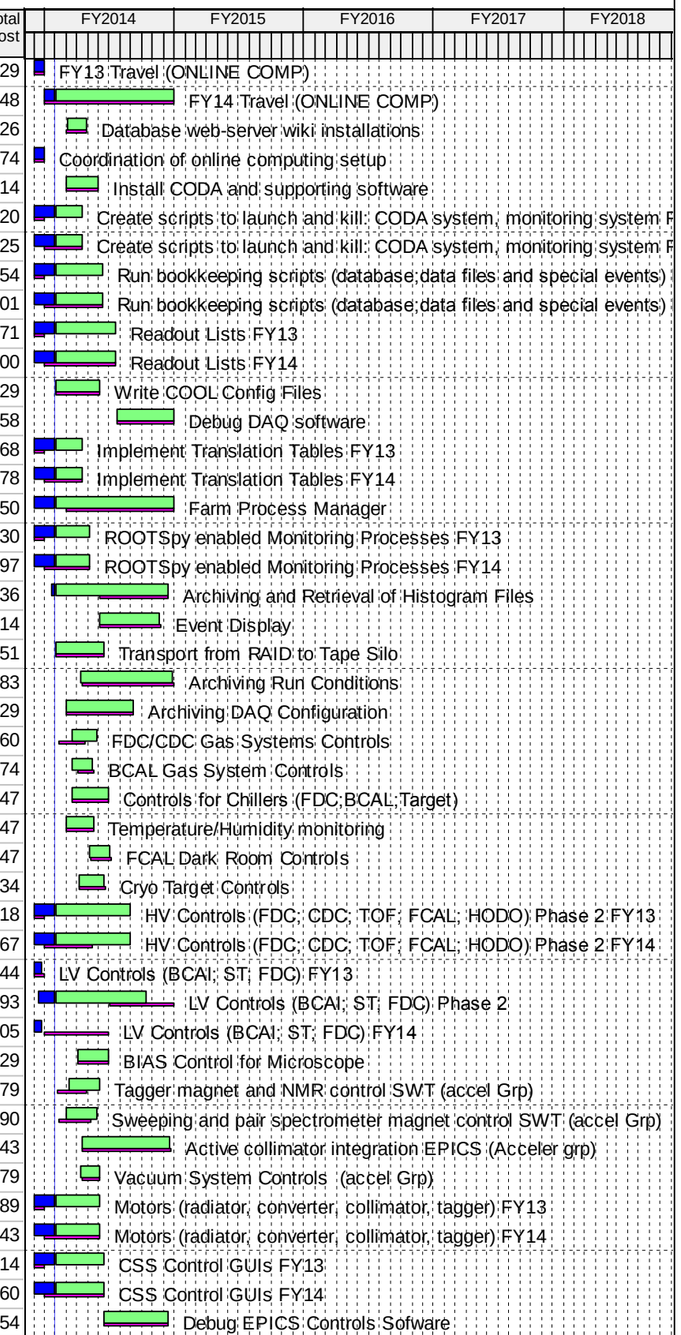
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2532013E		E	FY13 Travel (ONLINE COMP)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$129	$129
2532014E		E	FY14 Travel (ONLINE COMP)	01-Oct-13 A	29-Sep-14	29-Sep-14	100.2w	9.35%	$154	$1,648
2532015		H	Database web-server wiki installations	04-Dec-13	29-Jan-14	27-Jan-14	11.6w	0%	$0	$9,626
2532020		E	Coordination of online computing setup	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$874	$874
2532030	ST	S	Install CODA and supporting software	02-Dec-13	28-Feb-14	28-Feb-14	3.0w	0%	$0	$6,014
2532035	ST	S	Create scripts to launch and kill: CODA system, monitoring system FY13	03-Sep-13 A	17-Jan-14	30-Sep-13	13.0w	0%	$0	$2,620
2532035a	ST	S	Create scripts to launch and kill: CODA system, monitoring system FY14	03-Sep-13 A	17-Jan-14	17-Jan-14	13.0w	0%	$0	$9,325
2532040	ST	S	Run bookkeeping scripts (database;data files and special events) FY13	03-Sep-13 A	13-Mar-14	30-Sep-13	5.4w	0%	$0	$2,754
2532040a	ST	S	Run bookkeeping scripts (database;data files and special events) FY14	03-Sep-13 A	13-Mar-14	13-Mar-14	5.4w	0%	$0	$15,201
2532050	ST	S	Readout Lists FY13	03-Sep-13 A	21-Apr-14	30-Sep-13	0.0w	0%	$0	$2,271
2532050a	ST	S	Readout Lists FY14	03-Sep-13 A	21-Apr-14	21-Apr-14	0.0w	0%	$0	$15,700
2532055	ST	S	Write COOL Config Files	01-Nov-13	06-Mar-14	06-Mar-14	6.4w	0%	$0	$12,029
2532060		S	Debug DAQ software	22-Apr-14	30-Sep-14	30-Sep-14	0.0w	0%	$0	$24,058
2532070	ST	S	Implement Translation Tables FY13	03-Sep-13 A	17-Jan-14	30-Sep-13	13.0w	0%	$0	$668
2532070a	ST	S	Implement Translation Tables FY14	03-Sep-13 A	17-Jan-14	17-Jan-14	13.0w	0%	$0	$2,378
2532075	ST	S	Farm Process Manager	03-Sep-13 A	29-Sep-14	29-Sep-14	0.2w	30%	$6,315	$21,050
2532080	ST	S	ROOTSpy enabled Monitoring Processes FY13	03-Sep-13 A	04-Feb-14	30-Sep-13	7.8w	12.5%	$466	$3,730
2532080a	ST	S	ROOTSpy enabled Monitoring Processes FY14	03-Sep-13 A	04-Feb-14	04-Feb-14	7.8w	12.5%	$1,925	$15,397
2532085	ST	S	Archiving and Retrieval of Histogram Files	21-Oct-13 A	16-Sep-14	16-Sep-14	2.0w	30%	$4,511	$15,036
2532090	ST	S	Event Display	04-Mar-14	22-Aug-14	25-Aug-14	5.2w	0%	$0	$6,014
2532100	ST	S	Transport from RAID to Tape Silo	01-Nov-13	17-Mar-14	17-Mar-14	0.4w	0%	$0	$19,251
2532110	ST	S	Archiving Run Conditions	13-Jan-14	26-Sep-14	30-Sep-14	0.4w	0%	$0	$24,383
2532115	ST	S	Archiving DAQ Configuration	02-Dec-13	06-Jun-14	06-Jun-14	16.0w	0%	$0	$12,029
2532130	ST	S	FDC/CDC Gas Systems Controls	17-Dec-13	26-Feb-14	24-Jan-14	4.8w	0%	$0	$8,960
2532135		H	BCAL Gas System Controls	16-Dec-13	12-Feb-14	19-Feb-14	6.8w	0%	$0	$5,974
2532140	ST	S	Controls for Chillers (FDC;BCAL;Target)	16-Dec-13	01-Apr-14	01-Apr-14	0.0w	0%	$0	$11,947
2532145	ST	S	Temperature/Humidity monitoring	02-Dec-13	18-Feb-14	18-Feb-14	6.0w	0%	$0	$11,947
2532150	ST	S	FCAL Dark Room Controls	06-Feb-14	04-Apr-14	08-Apr-14	13.4w	0%	$0	$11,947
2532155	ST	S	Cryo Target Controls	07-Jan-14	18-Mar-14	20-Mar-14	2.0w	0%	$0	$14,934
2532170a	ST	S	HV Controls (FDC; CDC; TOF; FCAL; HODO) Phase 2 FY13	03-Sep-13 A	30-May-14	30-Sep-13	17.0w	25%	$904	$3,618
2532170aa	ST	S	HV Controls (FDC; CDC; TOF; FCAL; HODO) Phase 2 FY14	03-Sep-13 A	30-May-14	11-Feb-14	17.0w	25%	$3,967	$15,867
2532175	ST	S	LV Controls (BCAI; ST; FDC) FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$744	$744
2532175a	ST	S	LV Controls (BCAI; ST; FDC) Phase 2	16-Sep-13 A	15-Jul-14	30-Sep-14	10.8w	75%	$16,120	$21,493
2532175b	ST	S	LV Controls (BCAI; ST; FDC) FY14	03-Sep-13 A	23-Sep-13	01-Apr-14		100%	$4,605	$4,605
2532180	ST	S	BIAS Control for Microscope	02-Jan-14	31-Mar-14	31-Mar-14	25.6w	0%	$0	$12,029
2532185	ST	S	Tagger magnet and NMR control SWT (accel Grp)	10-Dec-13	07-Mar-14	29-Jan-14	3.4w	0%	$0	$11,179
2532190	ST	S	Sweeping and pair spectrometer magnet control SWT (accel Grp)	02-Dec-13	26-Feb-14	10-Feb-14	4.8w	0%	$0	$5,590
2532195	ST	S	Active collimator integration EPICS (Acceler grp)	15-Jan-14	18-Sep-14	22-Sep-14	1.6w	0%	$0	$30,743
2532200	ST	S	Vacuum System Controls (accel Grp)	10-Jan-14	04-Mar-14	06-Mar-14	4.0w	0%	$0	$11,179
2532205	ST	S	Motors (radiator, converter, collimator, tagger) FY13	03-Sep-13 A	04-Mar-14	30-Sep-13	4.0w	0%	$0	$4,389
2532205a	ST	S	Motors (radiator, converter, collimator, tagger) FY14	03-Sep-13 A	04-Mar-14	04-Mar-14	4.0w	0%	$0	$22,643
2532215	ST	S	CSS Control GUIs FY13	03-Sep-13 A	17-Mar-14	30-Sep-13	2.2w	0%	$0	$3,514
2532215a	ST	S	CSS Control GUIs FY14	03-Sep-13 A	17-Mar-14	17-Mar-14	2.2w	0%	$0	$19,760
2532220	ST	S	Debug EPICS Controls Sofware	18-Mar-14	15-Sep-14	15-Sep-14	2.2w	0%	$0	$19,154



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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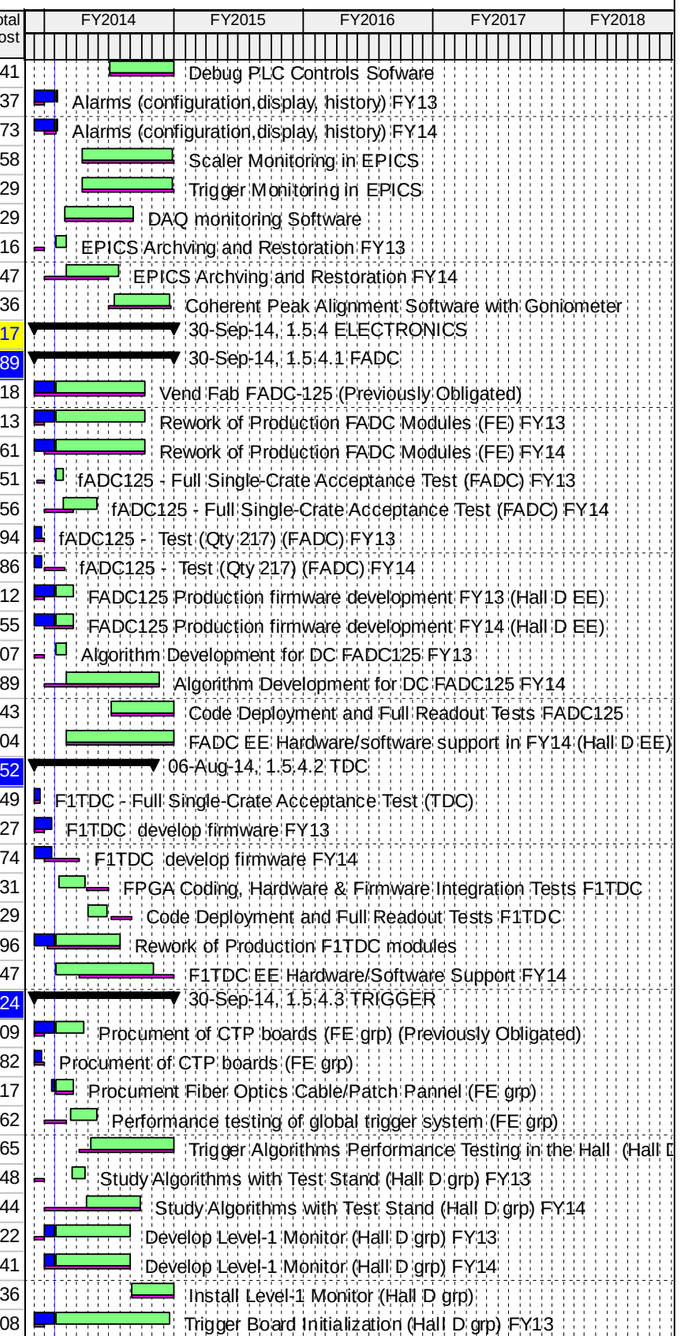
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2532225		S	Debug PLC Controls Sofware	02-Apr-14	30-Sep-14	30-Sep-14	0.0w	0%	$0	$17,941
2532230	ST	S	Alarms (configuration,display, history) FY13	03-Sep-13 A	08-Nov-13	30-Sep-13	15.8w	20%	$1,887	$9,437
2532230a	ST	S	Alarms (configuration,display, history) FY14	03-Sep-13 A	08-Nov-13	04-Nov-13	15.8w	20%	$2,435	$12,173
2532235	ST	S	Scaler Monitoring in EPICS	15-Jan-14	26-Sep-14	30-Sep-14	0.4w	0%	$0	$24,058
2532240	ST	S	Trigger Monitoring in EPICS	15-Jan-14	26-Sep-14	30-Sep-14	0.4w	0%	$0	$12,029
2532245	ST	S	DAQ monitoring Software	27-Nov-13	06-Jun-14	06-Jun-14	16.1w	0%	$0	$12,029
2532250	ST	S	EPICS Archving and Restoration FY13	01-Nov-13	02-Dec-13	30-Sep-13	0.0w	0%	$0	$2,516
2532250a	ST	S	EPICS Archving and Restoration FY14	03-Dec-13	28-Apr-14	31-Mar-14	0.0w	0%	$0	$15,447
2532255	ST	S	Coherent Peak Alignment Software with Goniometer	15-Apr-14	17-Sep-14	22-Sep-14	1.8w	0%	$0	$15,036
1.5.4 ELECTRONICS				03-Sep-13 A	30-Sep-14	30-Sep-14	57.4w		$191,971	$812,717
1.5.4.1 FADC				03-Sep-13 A	30-Sep-14	30-Sep-14	0.0w		$18,625	$216,089
2541000		U	Vend Fab FADC-125 (Previously Obligated)	03-Sep-13 A	10-Jul-14	10-Jul-14	11.4w	0%	$0	$43,318
2541015		U	Rework of Production FADC Modules (FE) FY13	03-Sep-13 A	10-Jul-14	30-Sep-13	11.4w	30%	$874	$2,913
2541015a		U	Rework of Production FADC Modules (FE) FY14	03-Sep-13 A	10-Jul-14	10-Jul-14	11.4w	30%	$8,568	$28,561
2541120		U	fADC125 - Full Single-Crate Acceptance Test (FADC) FY13	01-Nov-13	22-Nov-13	30-Sep-13	28.0w	0%	$0	$4,151
2541120a		U	fADC125 - Full Single-Crate Acceptance Test (FADC) FY14	25-Nov-13	26-Feb-14	20-Dec-13	28.2w	0%	$0	$15,256
2541145		U	fADC125 - Test (Qty 217) (FADC) FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$594	$594
2541145a		U	fADC125 - Test (Qty 217) (FADC) FY14	03-Sep-13 A	23-Sep-13	27-Nov-13		100%	$1,286	$1,286
2541150	ST	S	FADC125 Production firmware development FY13 (Hall D EE)	03-Sep-13 A	20-Dec-13	30-Sep-13	0.3w	35%	$1,859	$5,312
2541150a	ST	S	FADC125 Production firmware development FY14 (Hall D EE)	03-Sep-13 A	20-Dec-13	20-Dec-13	0.2w	35%	$5,444	$15,555
2541152		S	Algorithm Development for DC FADC125 FY13	01-Nov-13	02-Dec-13	30-Sep-13	0.0w	0%	$0	$1,707
2541152a		S	Algorithm Development for DC FADC125 FY14	03-Dec-13	20-Aug-14	20-Aug-14	0.0w	0%	$0	$19,289
2541154		S	Code Deployment and Full Readout Tests FADC125	07-Apr-14	30-Sep-14	30-Sep-14	0.0w	0%	$0	$18,043
2541155		E	FADC EE Hardware/software support in FY14 (Hall D EE)	02-Dec-13	30-Sep-14	30-Sep-14	0.0w	0%	$0	$60,104
1.5.4.2 TDC				03-Sep-13 A	06-Aug-14	30-Sep-14	7.6w		$39,368	$107,752
2542037		U	F1TDC - Full Single-Crate Acceptance Test (TDC)	03-Sep-13 A	18-Sep-13	20-Sep-13		100%	$15,149	$15,149
2542070	ST	S	F1TDC develop firmware FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$4,027	$4,027
2542070a	ST	S	F1TDC develop firmware FY14	03-Sep-13 A	21-Oct-13 A	07-Jan-14		100%	$12,674	$12,674
2542075		S	FPGA Coding, Hardware & Firmware Integration Tests F1TDC	11-Nov-13	24-Jan-14	31-Mar-14	26.0w	0%	$0	$18,031
2542080		S	Code Deployment and Full Readout Tests F1TDC	03-Feb-14	27-Mar-14	02-Jun-14	26.0w	0%	$0	$12,029
2542085		U	Rework of Production F1TDC modules	03-Sep-13 A	30-Apr-14	30-Apr-14	21.2w	40%	$7,518	$18,796
2542090		E	F1TDC EE Hardware/Software Support FY14	01-Nov-13	06-Aug-14	30-Sep-14	7.6w	0%	$0	$27,047
1.5.4.3 TRIGGER				03-Sep-13 A	30-Sep-14	30-Sep-14	57.4w		$13,701	$267,824
2543025		D	Procument of CTP boards (FE grp) (Previously Obligated)	03-Sep-13 A	21-Jan-14	30-Sep-13	15.6w	0%	$0	$18,009
2543030		D	Procument of CTP boards (FE grp)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$9,682	$9,682
2543100		D	Procument Fiber Optics Cable/Patch Pannel (FE grp)	21-Oct-13 A	20-Dec-13	20-Dec-13	25.6w	2%	$722	$36,117
2543115	ST	S	Performance testing of global trigger system (FE grp)	12-Dec-13	24-Feb-14	03-Dec-13	15.6w	0%	$0	$29,062
2543143	ST	S	Trigger Algorithms Performance Testing in the Hall (Hall D grp)	11-Feb-14	29-Sep-14	29-Sep-14	0.2w	0%	$0	$27,065
2543144	ST	S	Study Algorithms with Test Stand (Hall D grp) FY13	17-Dec-13	24-Jan-14	30-Sep-13	12.8w	0%	$0	$1,148
2543144a	ST	S	Study Algorithms with Test Stand (Hall D grp) FY14	27-Jan-14	30-Jun-14	30-Jun-14	12.8w	0%	$0	$10,844
2543150	ST	S	Develop Level-1 Monitor (Hall D grp) FY13	01-Oct-13 A	30-May-14	30-Sep-13	57.2w	10%	$352	$3,522
2543150a	ST	S	Develop Level-1 Monitor (Hall D grp) FY14	01-Oct-13 A	30-May-14	30-May-14	57.2w	10%	$2,944	$29,441
2543155	ST	S	Install Level-1 Monitor (Hall D grp)	02-Jun-14	30-Sep-14	30-Sep-14	57.2w	0%	$0	$15,036
2543160	ST	S	Trigger Board Initialization (Hall D grp) FY13	03-Sep-13 A	19-Sep-14	30-Sep-13	1.4w	0%	$0	$3,408



Primary Baseline | Remaining Work | Baseline Milestone
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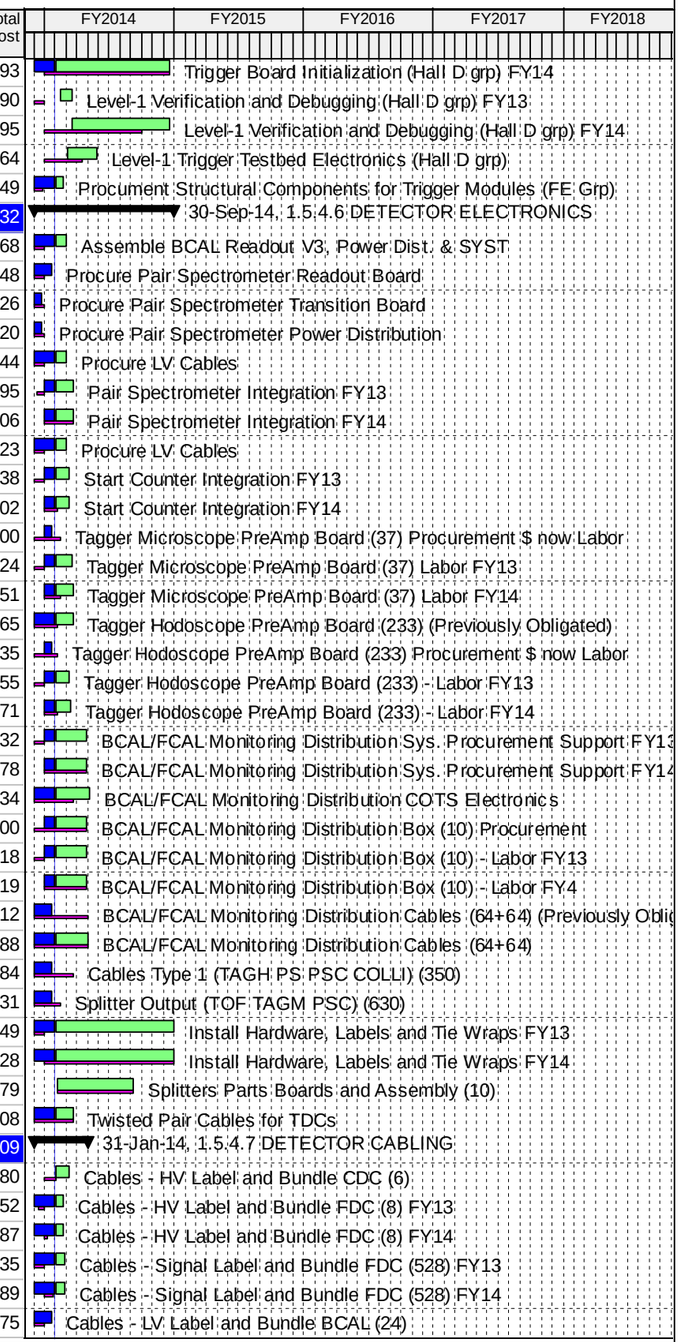
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2543160a	ST	S	Trigger Board Initialization (Hall D grp) FY14	03-Sep-13 A	19-Sep-14	19-Sep-14	1.4w	0%	$0	$42,193
2543165	ST	S	Level-1 Verification and Debugging (Hall D grp) FY13	15-Nov-13	16-Dec-13	30-Sep-13	1.8w	0%	$0	$1,990
2543165a	ST	S	Level-1 Verification and Debugging (Hall D grp) FY14	17-Dec-13	17-Sep-14	02-Jul-14	1.8w	0%	$0	$18,995
2543170		D	Level-1 Trigger Testbed Electronics (Hall D grp)	05-Dec-13	24-Feb-14	17-Jan-14	0.2w	0%	$0	$19,864
2543185		D	Procument Structural Components for Trigger Modules (FE Grp)	03-Sep-13 A	25-Nov-13	25-Sep-13	41.4w	0%	$0	$1,449
1.5.4.6 DETECTOR ELECTRONICS				03-Sep-13 A	30-Sep-14	30-Sep-14	1.6w		$106,500	$197,732
2546362		U	Assemble BCAL Readout V3, Power Dist. & SYST	03-Sep-13 A	02-Dec-13	30-Sep-13	30.2w	50%	$1,384	$2,768
2546425		D	Procure Pair Spectrometer Readout Board	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$3,748	$3,748
2546430		D	Procure Pair Spectrometer Transition Board	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$3,226	$3,226
2546435		D	Procure Pair Spectrometer Power Distribution	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$3,220	$3,220
2546465		D	Procure LV Cables	03-Sep-13 A	02-Dec-13	30-Sep-13	40.8w	70%	$311	$444
2546470		U	Pair Spectrometer Integration FY13	01-Oct-13 A	20-Dec-13	30-Sep-13	35.0w	55%	$1,317	$2,395
2546470a		U	Pair Spectrometer Integration FY14	01-Oct-13 A	20-Dec-13	20-Dec-13	35.0w	55%	$4,843	$8,806
2546565		D	Procure LV Cables	03-Sep-13 A	02-Dec-13	30-Sep-13	40.8w	30%	$67	$223
2546567		U	Start Counter Integration FY13	01-Oct-13 A	10-Dec-13	30-Sep-13	37.6w	55%	$736	$1,338
2546567a		U	Start Counter Integration FY14	01-Oct-13 A	10-Dec-13	08-Nov-13	37.6w	55%	$1,101	$2,002
2546585		U	Tagger Microscope PreAmp Board (37) Procurement $ now Labor	01-Oct-13 A	21-Oct-13 A	15-Nov-13		100%	$7,500	$7,500
2546585a		U	Tagger Microscope PreAmp Board (37) Labor FY13	01-Oct-13 A	17-Dec-13	30-Sep-13	27.8w	2%	$40	$2,024
2546585b		U	Tagger Microscope PreAmp Board (37) Labor FY14	01-Oct-13 A	20-Dec-13	15-Nov-13	26.0w	2%	$71	$3,551
2546600		D	Tagger Hodoscope PreAmp Board (233) (Previously Obligated)	03-Sep-13 A	20-Dec-13	08-Nov-13	26.0w	80%	$10,292	$12,865
2546605		D	Tagger Hodoscope PreAmp Board (233) Procurement $ now Labor	01-Oct-13 A	21-Oct-13 A	08-Nov-13		100%	$3,135	$3,135
2546605a		U	Tagger Hodoscope PreAmp Board (233) - Labor FY13	01-Oct-13 A	10-Dec-13	30-Sep-13	27.8w	30%	$856	$2,855
2546605b		U	Tagger Hodoscope PreAmp Board (233) - Labor FY14	01-Oct-13 A	13-Dec-13	08-Nov-13	27.0w	30%	$1,281	$4,271
2546610	ST	S	BCAL/FCAL Monitoring Distribution Sys. Procurement Support FY13	01-Oct-13 A	28-Jan-14	30-Sep-13	34.4w	60%	$1,159	$1,932
2546610a	ST	S	BCAL/FCAL Monitoring Distribution Sys. Procurement Support FY14	01-Oct-13 A	28-Jan-14	28-Jan-14	34.4w	60%	$4,487	$7,478
2546615		D	BCAL/FCAL Monitoring Distribution COTS Electronics	03-Sep-13 A	04-Feb-14	20-Dec-13	33.4w	0%	$0	$16,134
2546620		S	BCAL/FCAL Monitoring Distribution Box (10) Procurement	01-Oct-13 A	28-Jan-14	28-Jan-14	34.4w	0%	$0	$10,000
2546620a		S	BCAL/FCAL Monitoring Distribution Box (10) - Labor FY13	01-Oct-13 A	28-Jan-14	30-Sep-13	36.0w	0%	$0	$1,918
2546620b		S	BCAL/FCAL Monitoring Distribution Box (10) - Labor FY4	01-Oct-13 A	28-Jan-14	28-Jan-14	34.4w	0%	$0	$7,419
2546625		D	BCAL/FCAL Monitoring Distribution Cables (64+64) (Previously Obligated)	03-Sep-13 A	21-Oct-13 A	31-Jan-14		100%	$6,012	$6,012
2546630		D	BCAL/FCAL Monitoring Distribution Cables (64+64)	03-Sep-13 A	31-Jan-14	31-Jan-14	33.8w	20%	$718	$3,588
2546640		D	Cables Type 1 (TAGH PS PSC COLLI) (350)	03-Sep-13 A	21-Oct-13 A	20-Dec-13		100%	$18,484	$18,484
2546645		D	Splitter Output (TOF TAGM PSC) (630)	03-Sep-13 A	21-Oct-13 A	15-Nov-13		100%	$31,331	$31,331
2546650		D	Install Hardware, Labels and Tie Wraps FY13	03-Sep-13 A	30-Sep-14	30-Sep-13	0.0w	16%	$72	$449
2546650a		D	Install Hardware, Labels and Tie Wraps FY14	03-Sep-13 A	30-Sep-14	30-Sep-14	0.0w	16%	$916	$5,728
2546655		D	Splitters Parts Boards and Assembly (10)	08-Nov-13	06-Jun-14	06-Jun-14	16.0w	0%	$0	$20,979
2546660		D	Twisted Pair Cables for TDCs	03-Sep-13 A	20-Dec-13	20-Dec-13	20.0w	10%	$191	$1,908
1.5.4.7 DETECTOR CABLING				03-Sep-13 A	31-Jan-14	31-Jan-14	25.2w		$8,928	$13,609
2547135		U	Cables - HV Label and Bundle CDC (6)	01-Nov-13	09-Dec-13	04-Nov-13	22.2w	0%	$0	$1,880
2547165		U	Cables - HV Label and Bundle FDC (8) FY13	03-Sep-13 A	22-Nov-13	30-Sep-13	3.8w	50%	$626	$1,252
2547165a		U	Cables - HV Label and Bundle FDC (8) FY14	03-Sep-13 A	22-Nov-13	07-Oct-13	3.8w	50%	$294	$587
2547170		U	Cables - Signal Label and Bundle FDC (528) FY13	03-Sep-13 A	27-Nov-13	30-Sep-13	3.2w	90%	$2,102	$2,335
2547170a		U	Cables - Signal Label and Bundle FDC (528) FY14	03-Sep-13 A	27-Nov-13	25-Oct-13	3.2w	90%	$2,060	$2,289
2547175		U	Cables - LV Label and Bundle BCAL (24)	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,275	$1,275



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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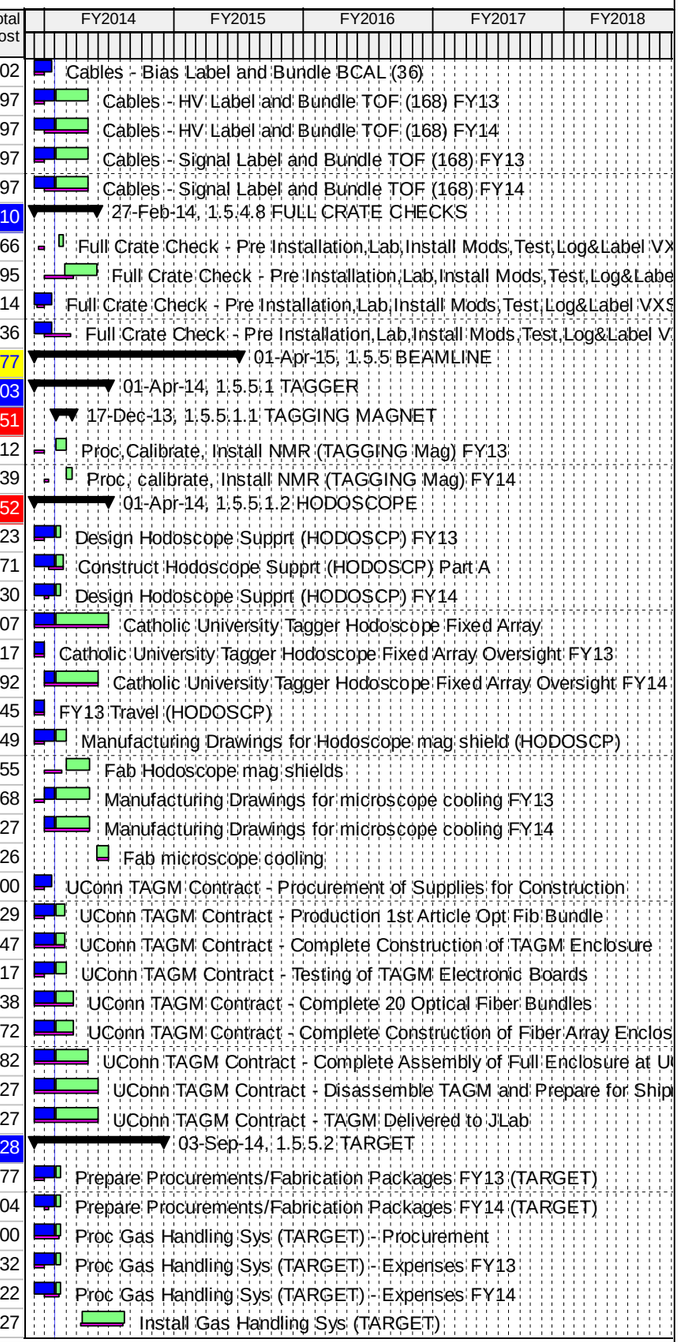
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2547180		U	Cables - Bias Label and Bundle BCAL (36)	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,002	$1,002
2547190		U	Cables - HV Label and Bundle TOF (168) FY13	03-Sep-13 A	31-Jan-14	30-Sep-13	25.4w	55%	$164	$297
2547190a		U	Cables - HV Label and Bundle TOF (168) FY14	03-Sep-13 A	31-Jan-14	31-Jan-14	25.4w	55%	$658	$1,197
2547200		U	Cables - Signal Label and Bundle TOF (168) FY13	03-Sep-13 A	31-Jan-14	30-Sep-13	25.4w	50%	$149	$297
2547200a		U	Cables - Signal Label and Bundle TOF (168) FY14	03-Sep-13 A	31-Jan-14	31-Jan-14	25.4w	50%	$598	$1,197
1.5.4.8 FULL CRATE CHECKS				03-Sep-13 A	27-Feb-14	20-Dec-13	28.0w		$4,849	$9,710
2548020		U	Full Crate Check - Pre Installation,Lab,Install Mods,Test,Log&Label VXS fAD	11-Nov-13	25-Nov-13	30-Sep-13	28.0w	0%	$0	$766
2548020a		U	Full Crate Check - Pre Installation,Lab,Install Mods,Test,Log&Label VXS fAD	26-Nov-13	27-Feb-14	20-Dec-13	28.0w	0%	$0	$4,095
2548025		U	Full Crate Check - Pre Installation,Lab,Install Mods,Test,Log&Label VXS F17	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,114	$1,114
2548025a		U	Full Crate Check - Pre Installation,Lab,Install Mods,Test,Log&Label VXS F17	03-Sep-13 A	21-Oct-13 A	13-Dec-13		100%	$3,736	$3,736
1.5.5 BEAMLINE				03-Sep-13 A	01-Apr-15	01-Apr-15	75.2w		$227,741	$1,141,477
1.5.5.1 TAGGER				03-Sep-13 A	01-Apr-14	01-Apr-14	45.6w		$31,051	$172,403
1.5.5.1.1 TAGGING MAGNET				01-Nov-13	17-Dec-13	15-Oct-13	26.8w		$0	$15,851
25511095	ST	S	Proc,Calibrate, Install NMR (TAGGING Mag) FY13	01-Nov-13	02-Dec-13	30-Sep-13	26.6w	0%	$0	$10,112
25511095a	ST	S	Proc, calibrate, Install NMR (TAGGING Mag) FY14	03-Dec-13	17-Dec-13	15-Oct-13	26.6w	0%	$0	$5,739
1.5.5.1.2 HODOSCOPE				03-Sep-13 A	01-Apr-14	01-Apr-14	45.6w		$31,051	$156,552
25512005	ST	S	Design Hodoscope Supprt (HODOSCP) FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	29.6w	0%	$0	$3,223
25512005a		D	Construct Hodoscope Supprt (HODOSCP) Part A	03-Sep-13 A	25-Nov-13	25-Nov-13	29.4w	70%	$16,920	$24,171
25512005b	ST	S	Design Hodoscope Supprt (HODOSCP) FY14	03-Sep-13 A	15-Nov-13	15-Oct-13	29.6w	0%	$0	$1,830
25512010		D	Catholic University Tagger Hodoscope Fixed Array	03-Sep-13 A	01-Apr-14	01-Apr-14	13.4w	15%	$6,751	$45,007
25512010a		E	Catholic University Tagger Hodoscope Fixed Array Oversight FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$117	$117
25512010aa		E	Catholic University Tagger Hodoscope Fixed Array Oversight FY14	01-Oct-13 A	28-Feb-14	28-Feb-14	17.8w	23.47%	$139	$592
25512013LC		E	FY13 Travel (HODOSCP)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$245	$245
25512056	ST	S	Manufacturing Drawings for Hodoscope mag shield (HODOSCP)	03-Sep-13 A	02-Dec-13	30-Sep-13	21.4w	80%	$1,319	$1,649
25512060		D	Fab Hodoscope mag shields	03-Dec-13	04-Feb-14	20-Nov-13	21.4w	0%	$0	$8,255
25512065	ST	S	Manufacturing Drawings for microscope cooling FY13	01-Oct-13 A	06-Feb-14	30-Sep-13	13.8w	20%	$394	$1,968
25512065a	ST	S	Manufacturing Drawings for microscope cooling FY14	01-Oct-13 A	06-Feb-14	06-Feb-14	13.8w	20%	$1,665	$8,327
25512070		D	Fab microscope cooling	26-Feb-14	28-Mar-14	28-Mar-14	13.8w	0%	$0	$7,326
25512131		D	UConn TAGM Contract - Procurement of Supplies for Construction	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$3,500	$3,500
25512136		D	UConn TAGM Contract - Production 1st Article Opt Fib Bundle	03-Sep-13 A	27-Nov-13	30-Sep-13	61.0w	0%	$0	$3,329
25512146		D	UConn TAGM Contract - Complete Construction of TAGM Enclosure	03-Sep-13 A	27-Nov-13	27-Nov-13	60.8w	0%	$0	$3,447
25512151		D	UConn TAGM Contract - Testing of TAGM Electronic Boards	03-Sep-13 A	02-Dec-13	30-Sep-13	52.2w	0%	$0	$2,017
25512156		D	UConn TAGM Contract - Complete 20 Optical Fiber Bundles	03-Sep-13 A	20-Dec-13	20-Dec-13	52.2w	0%	$0	$28,938
25512161		D	UConn TAGM Contract - Complete Construction of Fiber Array Enclosure	03-Sep-13 A	20-Dec-13	20-Dec-13	43.6w	0%	$0	$3,572
25512166		D	UConn TAGM Contract - Complete Assembly of Full Enclosure at UConn	03-Sep-13 A	31-Jan-14	31-Jan-14	35.0w	0%	$0	$3,782
25512171		D	UConn TAGM Contract - Disassemble TAGM and Prepare for Shipment to JL	03-Sep-13 A	28-Feb-14	28-Feb-14	26.4w	0%	$0	$2,627
25512176		D	UConn TAGM Contract - TAGM Delivered to JLab	03-Sep-13 A	28-Feb-14	28-Feb-14	17.8w	0%	$0	$2,627
1.5.5.2 TARGET				03-Sep-13 A	03-Sep-14	18-Aug-14	12.4w		$44,669	$249,328
2552001	ST	S	Prepare Procurements/Fabrication Packages FY13 (TARGET)	03-Sep-13 A	15-Nov-13	30-Sep-13	2.6w	60%	$586	$977
2552001a	ST	S	Prepare Procurements/Fabrication Packages FY14 (TARGET)	03-Sep-13 A	15-Nov-13	14-Oct-13	2.6w	60%	$302	$504
2552005		D	Proc Gas Handling Sys (TARGET) - Procurement	03-Sep-13 A	15-Nov-13	11-Nov-13	12.8w	75%	$5,850	$7,800
2552005a		D	Proc Gas Handling Sys (TARGET) - Expenses FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	22.6w	75%	$2,724	$3,632
2552005b		D	Proc Gas Handling Sys (TARGET) - Expenses FY14	03-Sep-13 A	15-Nov-13	11-Nov-13	12.8w	75%	$4,216	$5,622
2552006	ST	S	Install Gas Handling Sys (TARGET)	16-Jan-14	16-May-14	12-May-14	15.0w	0%	$0	$18,427



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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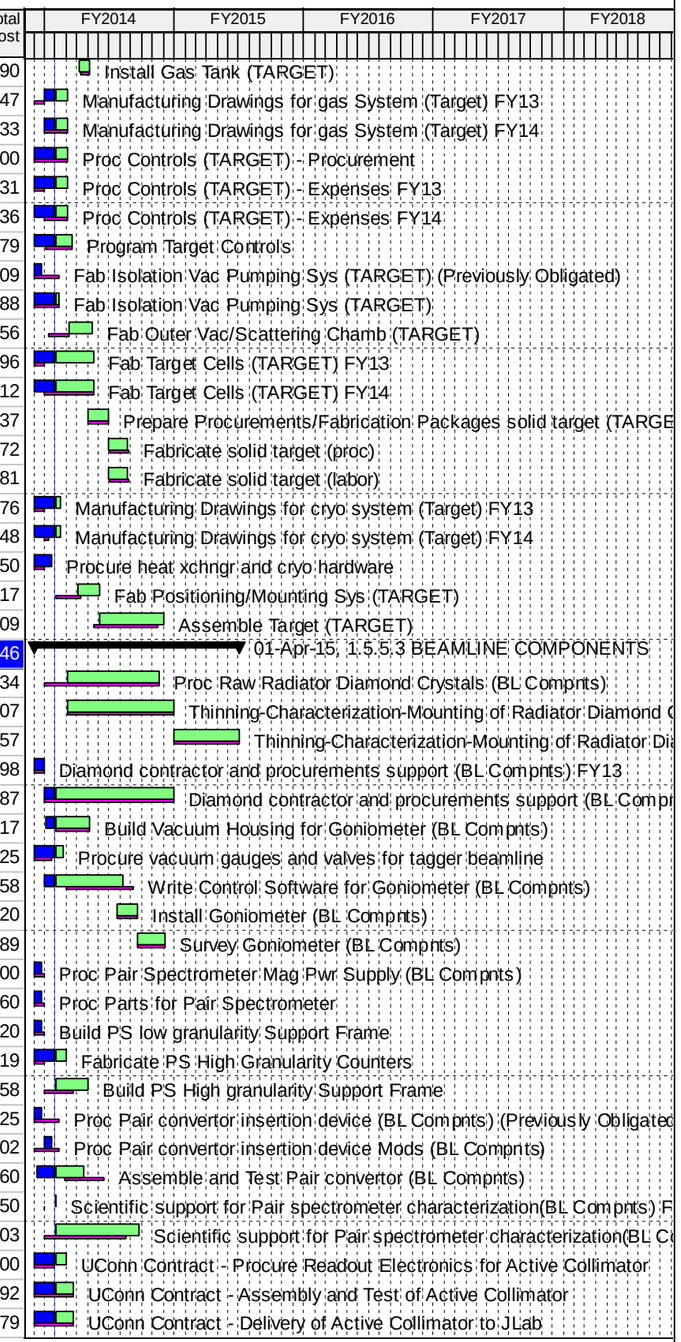
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2552007		S	Install Gas Tank (TARGET)	08-Jan-14	03-Feb-14	05-Feb-14	4.2w	0%	$0	$19,090
2552008	ST	S	Manufacturing Drawings for gas System (Target) FY13	01-Oct-13 A	05-Dec-13	30-Sep-13	19.2w	40%	$899	$2,247
2552008a	ST	S	Manufacturing Drawings for gas System (Target) FY14	01-Oct-13 A	05-Dec-13	05-Dec-13	19.2w	40%	$2,133	$5,333
2552010		D	Proc Controls (TARGET) - Procurement	03-Sep-13 A	04-Dec-13	04-Dec-13	33.4w	70%	$4,900	$7,000
2552010a		D	Proc Controls (TARGET) - Expenses FY13	03-Sep-13 A	04-Dec-13	30-Sep-13	44.0w	70%	$162	$231
2552010b		D	Proc Controls (TARGET) - Expenses FY14	03-Sep-13 A	04-Dec-13	04-Dec-13	33.4w	70%	$375	$536
2552012	ST	S	Program Target Controls	03-Sep-13 A	19-Dec-13	19-Dec-13	42.8w	25%	$2,795	$11,179
2552015		D	Fab Isolation Vac Pumping Sys (TARGET) (Previously Obligated)	03-Sep-13 A	23-Sep-13	12-Nov-13		100%	$11,509	$11,509
2552015a		D	Fab Isolation Vac Pumping Sys (TARGET)	03-Sep-13 A	12-Nov-13	12-Nov-13	25.8w	10%	$1,489	$14,888
2552018a	ST	S	Fab Outer Vac/Scattering Chamb (TARGET)	11-Dec-13	13-Feb-14	09-Dec-13	2.6w	0%	$0	$25,556
2552023aa	ST	S	Fab Target Cells (TARGET) FY13	03-Sep-13 A	17-Feb-14	30-Sep-13	2.2w	50%	$448	$896
2552023aaa	ST	S	Fab Target Cells (TARGET) FY14	03-Sep-13 A	17-Feb-14	17-Feb-14	2.2w	50%	$2,056	$4,112
2552028	ST	S	Prepare Procurements/Fabrication Packages solid target (TARGET)	30-Jan-14	28-Mar-14	01-Apr-14	26.6w	0%	$0	$27,237
2552028a		D	Fabricate solid target (proc)	01-Apr-14	22-May-14	27-May-14	26.6w	0%	$0	$15,272
2552028b	ST	S	Fabricate solid target (labor)	01-Apr-14	22-May-14	27-May-14	26.6w	0%	$0	$20,181
2552032	ST	S	Manufacturing Drawings for cryo system (Target) FY13	03-Sep-13 A	14-Nov-13	30-Sep-13	19.4w	45%	$1,699	$3,776
2552032a	ST	S	Manufacturing Drawings for cryo system (Target) FY14	03-Sep-13 A	14-Nov-13	14-Oct-13	19.4w	45%	$877	$1,948
2552033		D	Procure heat xchngr and cryo hardware	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,650	$1,650
2552035		D	Fab Positioning/Mounting Sys (TARGET)	03-Jan-14	04-Mar-14	13-Jan-14	0.0w	0%	$0	$16,717
2552040	ST	S	Assemble Target (TARGET)	05-Mar-14	03-Sep-14	18-Aug-14	0.0w	0%	$0	$23,009
1.5.5.3 BEAMLINE COMPONENTS				03-Sep-13 A	01-Apr-15	01-Apr-15	75.2w		$152,020	$719,746
2553005		D	Proc Raw Radiator Diamond Crystals (BL Compnts)	05-Dec-13	20-Aug-14	20-Aug-14	75.4w	0%	$0	$38,634
2553010		D	Thinning-Characterization-Mounting of Radiator Diamond Crystals (BL Compn	05-Dec-13	30-Sep-14	30-Sep-14	75.4w	0%	$0	$55,207
2553010a		D	Thinning-Characterization-Mounting of Radiator Diamond Crystals (BL Compn	01-Oct-14	01-Apr-15	01-Apr-15	75.4w	0%	$0	$30,957
2553011		E	Diamond contractor and procurements support (BL Compnts) FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$698	$698
2553011a		E	Diamond contractor and procurements support (BL Compnts) FY14	01-Oct-13 A	30-Sep-14	30-Sep-14	0.0w	9.31%	$827	$8,887
2553016		D	Build Vacuum Housing for Goniometer (BL Compnts)	07-Oct-13 A	05-Feb-14	06-Feb-14	14.4w	0%	$0	$24,917
2553017		D	Procure vacuum gauges and valves for tagger beamline	03-Sep-13 A	22-Nov-13	22-Oct-13	37.0w	20%	$645	$3,225
2553020	ST	S	Write Control Software for Goniometer (BL Compnts)	02-Oct-13 A	09-May-14	06-Jun-14	9.2w	75%	$18,043	$24,058
2553027	ST	S	Install Goniometer (BL Compnts)	23-Apr-14	19-Jun-14	19-Jun-14	3.6w	0%	$0	$38,720
2553029		S	Survey Goniometer (BL Compnts)	20-Jun-14	04-Sep-14	04-Sep-14	3.6w	0%	$0	$30,789
2553035		D	Proc Pair Spectrometer Mag Pwr Supply (BL Compnts)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$74,300	$74,300
2553036		D	Proc Parts for Pair Spectrometer	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,360	$1,360
2553041		D	Build PS low granularity Support Frame	03-Sep-13 A	23-Sep-13	01-Oct-13		100%	$620	$620
2553042	ST	S	Fabricate PS High Granularity Counters	03-Sep-13 A	02-Dec-13	30-Sep-13	34.0w	60%	$4,571	$7,619
2553044		D	Build PS High granularity Support Frame	01-Nov-13	31-Jan-14	20-Dec-13	26.8w	0%	$0	$5,758
2553050		D	Proc Pair convertor insertion device (BL Compnts) (Previously Obligated)	03-Sep-13 A	23-Sep-13	12-Nov-13		100%	$13,325	$13,325
2553052		D	Proc Pair convertor insertion device Mods (BL Compnts)	01-Oct-13 A	21-Oct-13 A	12-Nov-13		100%	$3,702	$3,702
2553055	ST	S	Assemble and Test Pair convertor (BL Compnts)	09-Sep-13 A	21-Jan-14	18-Mar-14	29.6w	23%	$5,695	$24,760
2553057		S	Scientific support for Pair spectrometer characterization(BL Compnts) FY13	01-Nov-13	01-Nov-13	30-Sep-13	33.4w	0%	$0	$150
2553057a		S	Scientific support for Pair spectrometer characterization(BL Compnts) FY14	04-Nov-13	23-Jun-14	19-May-14	33.4w	0%	$0	$23,903
2553062		D	UConn Contract - Procure Readout Electronics for Active Collimator	03-Sep-13 A	02-Dec-13	28-Oct-13	28.4w	0%	$0	$6,000
2553063		D	UConn Contract - Assembly and Test of Active Collimator	03-Sep-13 A	20-Dec-13	20-Dec-13	38.6w	0%	$0	$6,192
2553064		D	UConn Contract - Delivery of Active Collimator to JLab	03-Sep-13 A	20-Dec-13	20-Dec-13	30.0w	0%	$0	$679



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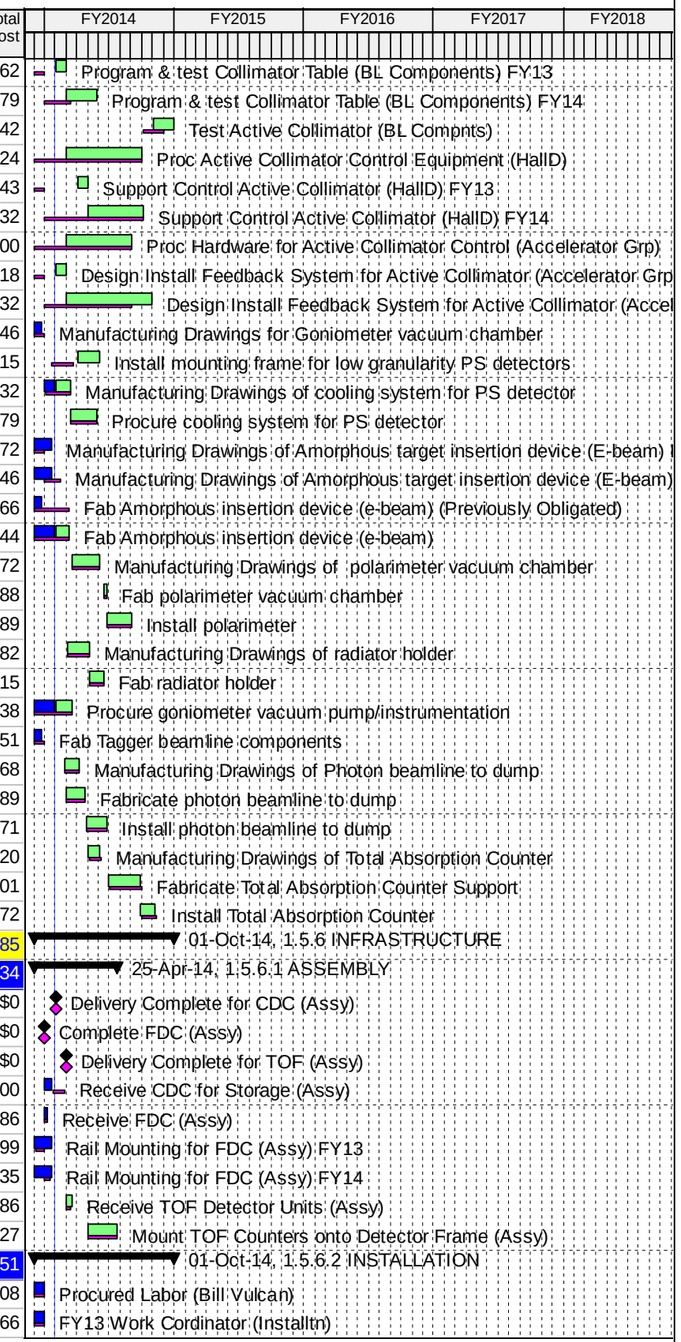
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2553072a		S	Program & test Collimator Table (BL Components) FY13	01-Nov-13	02-Dec-13	30-Sep-13	22.6w	0%	$0	$2,462
2553072b		S	Program & test Collimator Table (BL Components) FY14	03-Dec-13	24-Feb-14	12-Dec-13	22.6w	0%	$0	$6,479
2553075		S	Test Active Collimator (BL Compnts)	04-Aug-14	29-Sep-14	02-Sep-14	0.2w	0%	$0	$6,642
2553080		D	Proc Active Collimator Control Equipment (HallD)	03-Dec-13	02-Jul-14	02-Jul-14	4.4w	0%	$0	$15,624
2553085		S	Support Control Active Collimator (HallD) FY13	03-Jan-14	31-Jan-14	30-Sep-13	4.0w	0%	$0	$843
2553085a		S	Support Control Active Collimator (HallD) FY14	03-Feb-14	07-Jul-14	07-Jul-14	4.0w	0%	$0	$8,132
2553090		D	Proc Hardware for Active Collimator Control (Accelerator Grp)	03-Dec-13	02-Jun-14	02-Jun-14	8.8w	0%	$0	$18,800
2553095		S	Design Install Feedback System for Active Collimator (Accelerator Grp) FY13	01-Nov-13	02-Dec-13	30-Sep-13	0.2w	0%	$0	$4,618
2553095a		S	Design Install Feedback System for Active Collimator (Accelerator Grp) FY14	03-Dec-13	01-Aug-14	02-Jun-14	0.2w	0%	$0	$38,832
2553110	ST	S	Manufacturing Drawings for Goniometer vacuum chamber	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,646	$1,646
2553125	ST	S	Install mounting frame for low granularity PS detectors	03-Jan-14	05-Mar-14	20-Dec-13	22.2w	0%	$0	$7,115
2553130	ST	S	Manufacturing Drawings of cooling system for PS detector	01-Oct-13 A	12-Dec-13	12-Dec-13	27.4w	19%	$3,616	$19,032
2553135		D	Procure cooling system for PS detector	12-Dec-13	24-Feb-14	24-Feb-14	27.4w	0%	$0	$5,779
2553140	ST	S	Manufacturing Drawings of Amorphous target insertion device (E-beam) FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,672	$1,672
2553140a	ST	S	Manufacturing Drawings of Amorphous target insertion device (E-beam) FY14	03-Sep-13 A	21-Oct-13 A	14-Nov-13		100%	$2,846	$2,846
2553145		D	Fab Amorphous insertion device (e-beam) (Previously Obligated)	03-Sep-13 A	23-Sep-13	11-Dec-13		100%	$15,066	$15,066
2553147		D	Fab Amorphous insertion device (e-beam)	03-Sep-13 A	11-Dec-13	11-Dec-13	23.4w	40%	$1,738	$4,344
2553150	ST	S	Manufacturing Drawings of polarimeter vacuum chamber	16-Dec-13	05-Mar-14	05-Mar-14	16.2w	0%	$0	$21,272
2553155		D	Fab polarimeter vacuum chamber	18-Mar-14	24-Mar-14	24-Mar-14	16.2w	0%	$0	$6,088
2553157	ST	S	Install polarimeter	25-Mar-14	05-Jun-14	05-Jun-14	16.2w	0%	$0	$6,989
2553160		S	Manufacturing Drawings of radiator holder	05-Dec-13	03-Feb-14	03-Feb-14	3.6w	0%	$0	$14,182
2553165		D	Fab radiator holder	05-Feb-14	19-Mar-14	19-Mar-14	3.6w	0%	$0	$3,715
2553170		D	Procure goniometer vacuum pump/instrumentation	03-Sep-13 A	16-Dec-13	16-Dec-13	30.8w	0%	$0	$5,238
2553175	ST	S	Fab Tagger beamline components	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,651	$1,651
2553185	ST	S	Manufacturing Drawings of Photon beamline to dump	26-Nov-13	07-Jan-14	07-Jan-14	26.6w	0%	$0	$17,168
2553190		D	Fabricate photon beamline to dump	02-Dec-13	22-Jan-14	22-Jan-14	26.6w	0%	$0	$12,589
2553195	ST	S	Install photon beamline to dump	29-Jan-14	24-Mar-14	24-Mar-14	26.6w	0%	$0	$10,071
2553200	ST	S	Manufacturing Drawings of Total Absorption Counter	03-Feb-14	06-Mar-14	10-Mar-14	7.4w	0%	$0	$19,220
2553205		S	Fabricate Total Absorption Counter Support	31-Mar-14	27-Jun-14	01-Jul-14	7.4w	0%	$0	$6,501
2553210	ST	S	Install Total Absorption Counter	30-Jun-14	07-Aug-14	11-Aug-14	7.4w	0%	$0	$10,672
1.5.6 INFRASTRUCTURE				03-Sep-13 A	01-Oct-14	01-Oct-14	50.0w		$531,367	$2,333,885
1.5.6.1 ASSEMBLY				03-Sep-13 A	25-Apr-14	25-Apr-14	12.8w		$28,420	$64,934
2561040M		M	Delivery Complete for CDC (Assy)	01-Nov-13			17.6w	0%	$0	$0
2561050M		M	Complete FDC (Assy)	30-Sep-13 A				100%	$0	$0
2561060M		M	Delivery Complete for TOF (Assy)	03-Dec-13			13.6w	0%	$0	$0
2561110	ST	S	Receive CDC for Storage (Assy)	01-Oct-13 A	21-Oct-13 A	27-Nov-13		100%	$14,400	$14,400
2561140		H	Receive FDC (Assy)	01-Oct-13 A	07-Oct-13 A	08-Oct-13		100%	$3,386	$3,386
2561145	ST	S	Rail Mounting for FDC (Assy) FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$5,899	$5,899
2561145a	ST	S	Rail Mounting for FDC (Assy) FY14	03-Sep-13 A	21-Oct-13 A	18-Oct-13		100%	$4,735	$4,735
2561160		H	Receive TOF Detector Units (Assy)	03-Dec-13	16-Dec-13	13-Dec-13	13.6w	0%	$0	$3,386
2561165	ST	S	Mount TOF Counters onto Detector Frame (Assy)	03-Feb-14	25-Apr-14	25-Apr-14	12.8w	0%	$0	$33,127
1.5.6.2 INSTALLATION				03-Sep-13 A	01-Oct-14	01-Oct-14	50.0w		$502,947	$2,268,951
2562000		E	Procured Labor (Bill Vulcan)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$2,608	$2,608
2562005LOE		E	FY13 Work Cordinator (Installtn)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$10,266	$10,266



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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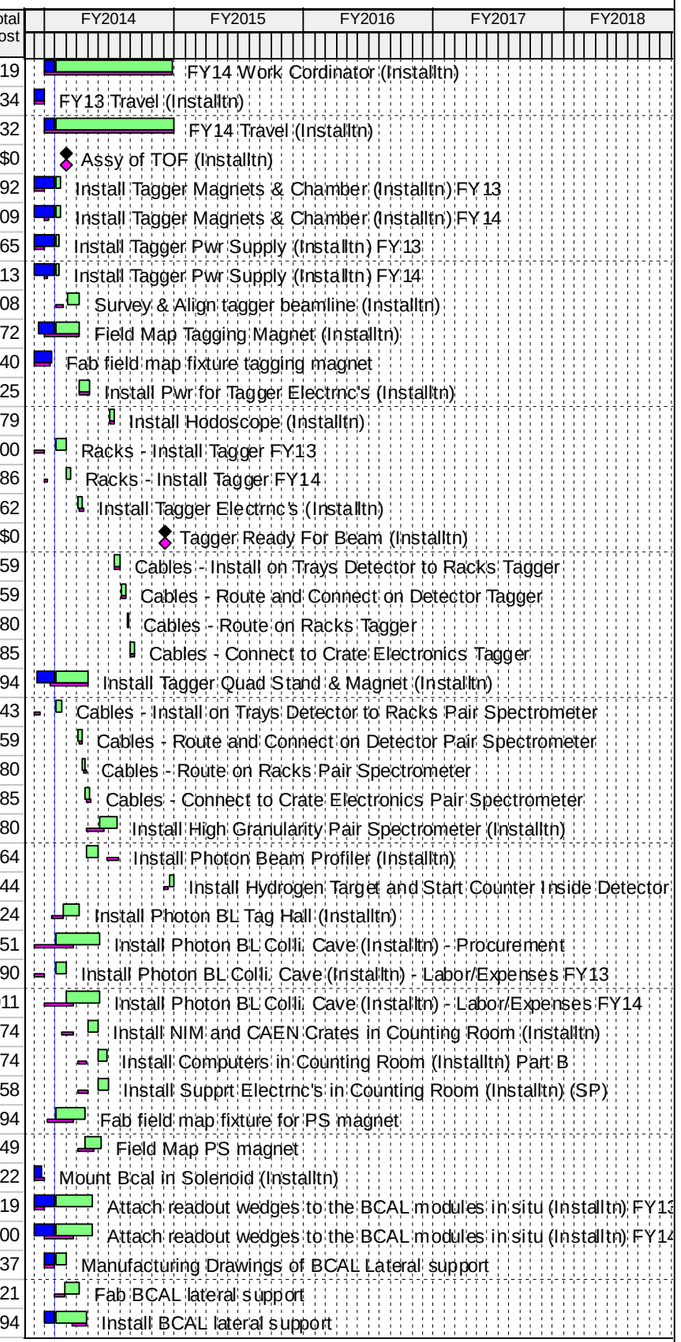
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2562006LOE		E	FY14 Work Cordinator (Installtn)	01-Oct-13 A	26-Sep-14	26-Sep-14	50.4w	9.39%	$12,340	$131,419
2562013E		E	FY13 Travel (Installtn)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$134	$134
2562014E		E	FY14 Travel (Installtn)	01-Oct-13 A	30-Sep-14	30-Sep-14	50.0w	9.31%	$96	$1,032
2562035M		M	Assy of TOF (Installtn)	03-Dec-13			32.4w	0%	$0	$0
2562045	ST	S	Install Tagger Magnets & Chamber (Installtn) FY13	03-Sep-13 A	15-Nov-13	30-Sep-13	24.8w	50%	$3,796	$7,592
2562045a	ST	S	Install Tagger Magnets & Chamber (Installtn) FY14	03-Sep-13 A	15-Nov-13	15-Oct-13	24.8w	50%	$2,154	$4,309
2562050	ST	S	Install Tagger Pwr Supply (Installtn) FY13	03-Sep-13 A	12-Nov-13	30-Sep-13	3.4w	30%	$2,990	$9,965
2562050a	ST	S	Install Tagger Pwr Supply (Installtn) FY14	03-Sep-13 A	12-Nov-13	10-Oct-13	3.4w	30%	$1,234	$4,113
2562060	ST	S	Survey & Align tagger beamline (Installtn)	06-Dec-13	08-Jan-14	22-Nov-13	37.0w	0%	$0	$2,908
2562061	ST	S	Field Map Tagging Magnet (Installtn)	16-Sep-13 A	09-Jan-14	09-Jan-14	24.8w	26%	$5,973	$22,972
2562063		D	Fab field map fixture tagging magnet	03-Sep-13 A	21-Oct-13 A	16-Oct-13		100%	$1,840	$1,840
2562065	ST	S	Install Pwr for Tagger Electrnc's (Installtn)	07-Jan-14	04-Feb-14	06-Feb-14	23.6w	0%	$0	$7,225
2562080	ST	S	Install Hodoscope (Installtn)	02-Apr-14	15-Apr-14	15-Apr-14	13.4w	0%	$0	$28,979
2562085	ST	S	Racks - Install Tagger FY13	01-Nov-13	02-Dec-13	30-Sep-13	25.2w	0%	$0	$400
2562085a	ST	S	Racks - Install Tagger FY14	03-Dec-13	13-Dec-13	11-Oct-13	25.2w	0%	$0	$186
2562090		S	Install Tagger Electrnc's (Installtn)	03-Jan-14	16-Jan-14	21-Jan-14	26.0w	0%	$0	$16,862
2562091M		M	Tagger Ready For Beam (Installtn)		04-Sep-14	04-Sep-14	3.6w	0%	$0	$0
2562095		U	Cables - Install on Trays Detector to Racks Tagger	17-Apr-14	30-Apr-14	30-Apr-14	13.4w	0%	$0	$3,759
2562095a		U	Cables - Route and Connect on Detector Tagger	07-May-14	20-May-14	20-May-14	13.4w	0%	$0	$3,759
2562095b		U	Cables - Route on Racks Tagger	21-May-14	28-May-14	28-May-14	13.4w	0%	$0	$1,880
2562095c		U	Cables - Connect to Crate Electronics Tagger	29-May-14	11-Jun-14	11-Jun-14	13.4w	0%	$0	$4,885
2562098	ST	S	Install Tagger Quad Stand & Magnet (Installtn)	09-Sep-13 A	30-Jan-14	30-Jan-14	34.0w	9%	$944	$10,494
2562099		U	Cables - Install on Trays Detector to Racks Pair Spectrometer	01-Nov-13	20-Nov-13	20-Sep-13	34.4w	0%	$0	$3,643
2562099a		U	Cables - Route and Connect on Detector Pair Spectrometer	02-Jan-14	15-Jan-14	17-Jan-14	30.4w	0%	$0	$3,759
2562099b		U	Cables - Route on Racks Pair Spectrometer	16-Jan-14	23-Jan-14	27-Jan-14	30.4w	0%	$0	$1,880
2562099c		U	Cables - Connect to Crate Electronics Pair Spectrometer	24-Jan-14	06-Feb-14	10-Feb-14	30.4w	0%	$0	$4,885
2562165	ST	S	Install High Granularity Pair Spectrometer (Installtn)	06-Mar-14	23-Apr-14	18-Mar-14	22.2w	0%	$0	$12,680
2562170	ST	S	Install Photon Beam Profiler (Installtn)	29-Jan-14	03-Mar-14	28-Apr-14	29.6w	0%	$0	$12,564
2562175	ST	S	Install Hydrogen Target and Start Counter Inside Detector (Installtn)	17-Sep-14	30-Sep-14	15-Sep-14	0.0w	0%	$0	$34,344
2562180	ST	S	Install Photon BL Tag Hall (Installtn)	22-Nov-13	08-Jan-14	22-Nov-13	37.0w	0%	$0	$6,724
2562181	ST	S	Install Photon BL Colli. Cave (Installtn) - Procurement	01-Nov-13	04-Mar-14	20-Dec-13	29.4w	0%	$0	$1,751
2562181a	ST	S	Install Photon BL Colli. Cave (Installtn) - Labor/Expenses FY13	01-Nov-13	02-Dec-13	30-Sep-13	29.4w	0%	$0	$990
2562181b	ST	S	Install Photon BL Colli. Cave (Installtn) - Labor/Expenses FY14	03-Dec-13	04-Mar-14	20-Dec-13	29.4w	0%	$0	$2,911
2562205		U	Install NIM and CAEN Crates in Counting Room (Installtn)	03-Feb-14	28-Feb-14	20-Dec-13	0.4w	0%	$0	$9,774
2562206		U	Install Computers in Counting Room (Installtn) Part B	03-Mar-14	25-Mar-14	27-Jan-14	26.4w	0%	$0	$9,774
2562210		S	Install Supprt Electrnc's in Counting Room (Installtn) (SP)	03-Mar-14	28-Mar-14	30-Jan-14	0.4w	0%	$0	$12,458
2562214		D	Fab field map fixture for PS magnet	01-Nov-13	23-Jan-14	20-Dec-13	28.6w	0%	$0	$6,594
2562216	ST	S	Field Map PS magnet	24-Jan-14	10-Mar-14	17-Feb-14	28.6w	0%	$0	$12,249
2562225	ST	S	Mount Bcal in Solenoid (Installtn)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$17,422	$17,422
2562230	ST	S	Attach readout wedges to the BCAL modules in situ (Installtn) FY13	03-Sep-13 A	11-Feb-14	30-Sep-13	30.2w	25%	$1,930	$7,719
2562230a	ST	S	Attach readout wedges to the BCAL modules in situ (Installtn) FY14	03-Sep-13 A	11-Feb-14	20-Dec-13	30.2w	25%	$5,675	$22,700
2562231	ST	S	Manufacturing Drawings of BCAL Lateral support	01-Oct-13 A	02-Dec-13	30-Oct-13	36.2w	71%	$3,789	$5,337
2562232		D	Fab BCAL lateral support	26-Nov-13	08-Jan-14	26-Nov-13	36.2w	0%	$0	$3,921
2562233	ST	S	Install BCAL lateral support	01-Oct-13 A	29-Jan-14	29-Jan-14	32.0w	24%	$1,055	$4,394



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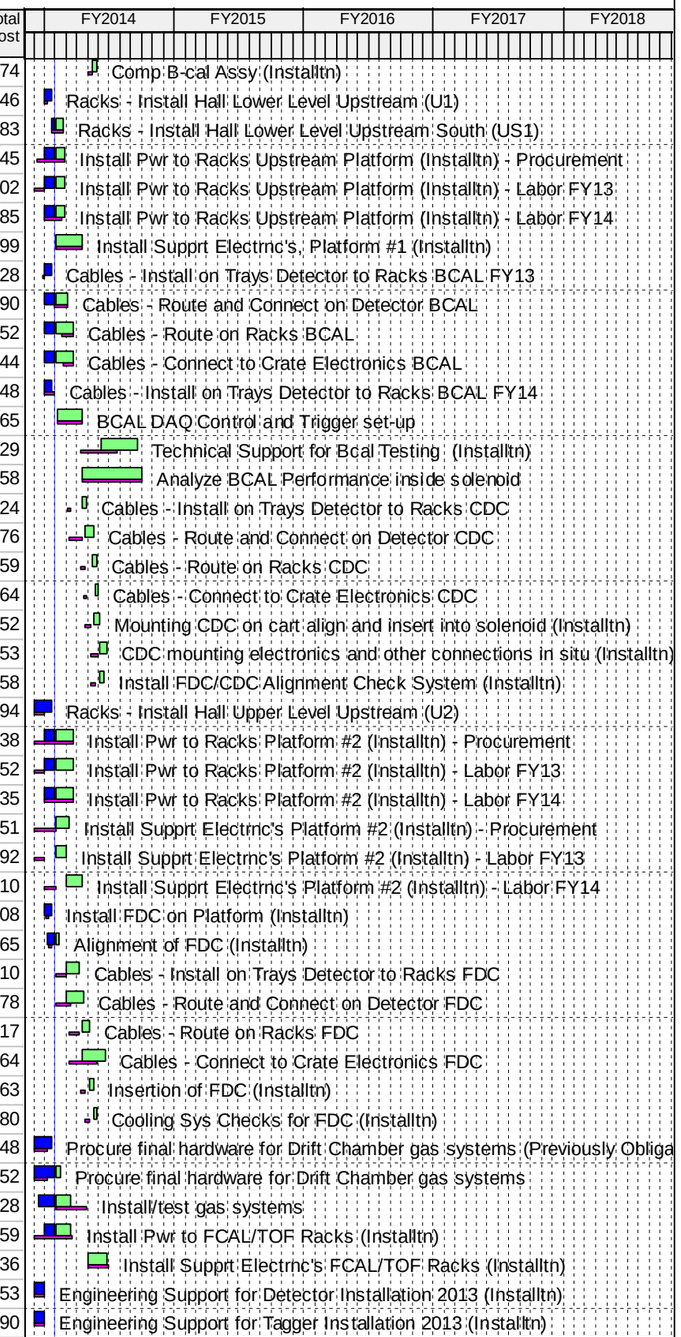
2562235		S	Comp B-cal Assy (Installtn)	12-Feb-14	25-Feb-14	12-Feb-14	30.4w	0%	$0	$12,074
2562245	ST	S	Racks - Install Hall Lower Level Upstream (U1)	01-Oct-13 A	21-Oct-13 A	10-Oct-13		100%	$946	$946
2562246	ST	S	Racks - Install Hall Lower Level Upstream South (US1)	21-Oct-13 A	21-Nov-13	21-Nov-13	39.8w	60%	$2,150	$3,583
2562250	ST	S	Install Pwr to Racks Upstream Platform (Installtn) - Procurement	01-Oct-13 A	26-Nov-13	26-Nov-13	32.4w	10%	$2,065	$20,645
2562250a	ST	S	Install Pwr to Racks Upstream Platform (Installtn) - Labor FY13	01-Oct-13 A	26-Nov-13	30-Sep-13	34.8w	10%	$460	$4,602
2562250b	ST	S	Install Pwr to Racks Upstream Platform (Installtn) - Labor FY14	01-Oct-13 A	26-Nov-13	20-Nov-13	32.4w	10%	$878	$8,785
2562270		S	Install Supprt Electrnc's, Platform #1 (Installtn)	04-Nov-13	15-Jan-14	15-Jan-14	16.4w	0%	$0	$19,999
2562275		U	Cables - Install on Trays Detector to Racks BCAL FY13	01-Oct-13 A	21-Oct-13 A	30-Sep-13		100%	$1,828	$1,828
2562275a		U	Cables - Route and Connect on Detector BCAL	01-Oct-13 A	06-Dec-13	06-Dec-13	17.0w	80%	$12,072	$15,090
2562275b		U	Cables - Route on Racks BCAL	01-Oct-13 A	20-Dec-13	20-Dec-13	14.8w	60%	$3,391	$5,652
2562275c		U	Cables - Connect to Crate Electronics BCAL	01-Oct-13 A	20-Dec-13	20-Dec-13	12.6w	50%	$4,322	$8,644
2562275d		U	Cables - Install on Trays Detector to Racks BCAL FY14	01-Oct-13 A	21-Oct-13 A	30-Oct-13		100%	$20,748	$20,748
2562278	ST	S	BCAL DAQ Control and Trigger set-up	05-Nov-13	14-Jan-14	14-Jan-14	12.6w	0%	$0	$27,065
2562280	ST	S	Technical Support for Bcal Testing (Installtn)	11-Mar-14	20-Jun-14	23-Apr-14	0.4w	0%	$0	$13,529
2562281	ST	S	Analyze BCAL Performance inside solenoid	15-Jan-14	01-Jul-14	01-Jul-14	12.6w	0%	$0	$24,058
2562290		U	Cables - Install on Trays Detector to Racks CDC	17-Jan-14	27-Jan-14	12-Dec-13	22.2w	0%	$0	$9,424
2562290a		U	Cables - Route and Connect on Detector CDC	22-Jan-14	18-Feb-14	15-Jan-14	22.2w	0%	$0	$15,076
2562290b		U	Cables - Route on Racks CDC	14-Feb-14	24-Feb-14	22-Jan-14	22.2w	0%	$0	$3,759
2562290c		U	Cables - Connect to Crate Electronics CDC	21-Feb-14	28-Feb-14	28-Jan-14	22.2w	0%	$0	$6,764
2562300	ST	S	Mounting CDC on cart align and insert into solenoid (Installtn)	18-Feb-14	06-Mar-14	10-Feb-14	3.2w	0%	$0	$16,552
2562301		U	CDC mounting electronics and other connections in situ (Installtn)	07-Mar-14	27-Mar-14	03-Mar-14	3.2w	0%	$0	$14,653
2562303	ST	S	Install FDC/CDC Alignment Check System (Installtn)	06-Mar-14	19-Mar-14	21-Feb-14	6.6w	0%	$0	$10,558
2562330	ST	S	Racks - Install Hall Upper Level Upstream (U2)	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$3,994	$3,994
2562335	ST	S	Install Pwr to Racks Platform #2 (Installtn) - Procurement	01-Oct-13 A	20-Dec-13	20-Dec-13	38.0w	70%	$20,537	$29,338
2562335a	ST	S	Install Pwr to Racks Platform #2 (Installtn) - Labor FY13	01-Oct-13 A	20-Dec-13	30-Sep-13	39.2w	70%	$1,437	$2,052
2562335b	ST	S	Install Pwr to Racks Platform #2 (Installtn) - Labor FY14	01-Oct-13 A	20-Dec-13	20-Dec-13	38.0w	70%	$4,225	$6,035
2562355		U	Install Supprt Electrnc's Platform #2 (Installtn) - Procurement	01-Nov-13	09-Dec-13	04-Nov-13	39.8w	0%	$0	$8,451
2562355a		U	Install Supprt Electrnc's Platform #2 (Installtn) - Labor FY13	01-Nov-13	02-Dec-13	30-Sep-13	35.8w	0%	$0	$4,892
2562355b		U	Install Supprt Electrnc's Platform #2 (Installtn) - Labor FY14	03-Dec-13	16-Jan-14	04-Nov-13	35.8w	0%	$0	$6,310
2562360		H	Install FDC on Platform (Installtn)	01-Oct-13 A	21-Oct-13 A	14-Oct-13		100%	$11,208	$11,208
2562365		H	Alignment of FDC (Installtn)	11-Oct-13 A	11-Nov-13	23-Oct-13	4.2w	50%	$4,333	$8,665
2562370		U	Cables - Install on Trays Detector to Racks FDC	02-Dec-13	08-Jan-14	03-Dec-13	3.2w	0%	$0	$13,210
2562370a		U	Cables - Route and Connect on Detector FDC	02-Dec-13	21-Jan-14	13-Dec-13	3.8w	0%	$0	$11,278
2562370b		U	Cables - Route on Racks FDC	14-Jan-14	03-Feb-14	07-Jan-14	3.8w	0%	$0	$11,317
2562370c		U	Cables - Connect to Crate Electronics FDC	14-Jan-14	21-Mar-14	25-Feb-14	3.8w	0%	$0	$6,764
2562380		S	Insertion of FDC (Installtn)	07-Feb-14	17-Feb-14	22-Jan-14	3.2w	0%	$0	$30,363
2562385		H	Cooling Sys Checks for FDC (Installtn)	18-Feb-14	27-Feb-14	03-Feb-14	4.6w	0%	$0	$4,980
2562392		D	Procure final hardware for Drift Chamber gas systems (Previously Obligated)	03-Sep-13 A	21-Oct-13 A	11-Oct-13		100%	$26,348	$26,348
2562392a		D	Procure final hardware for Drift Chamber gas systems	03-Sep-13 A	13-Nov-13	11-Oct-13	4.8w	40%	$10,741	$26,852
2562393	ST	S	Install/test gas systems	16-Sep-13 A	13-Dec-13	28-Jan-14	13.6w	31%	$20,407	$65,828
2562405	ST	S	Install Pwr to FCAL/TOF Racks (Installtn)	01-Oct-13 A	13-Dec-13	18-Dec-13	4.6w	82%	$16,038	$19,559
2562420		S	Install Supprt Electrnc's FCAL/TOF Racks (Installtn)	30-Jan-14	27-Mar-14	31-Mar-14	26.0w	0%	$0	$23,736
2562435		E	Engineering Support for Detector Installation 2013 (Installtn)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,953	$3,953
2562440		E	Engineering Support for Tagger Installation 2013 (Installtn)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$1,990	$1,990



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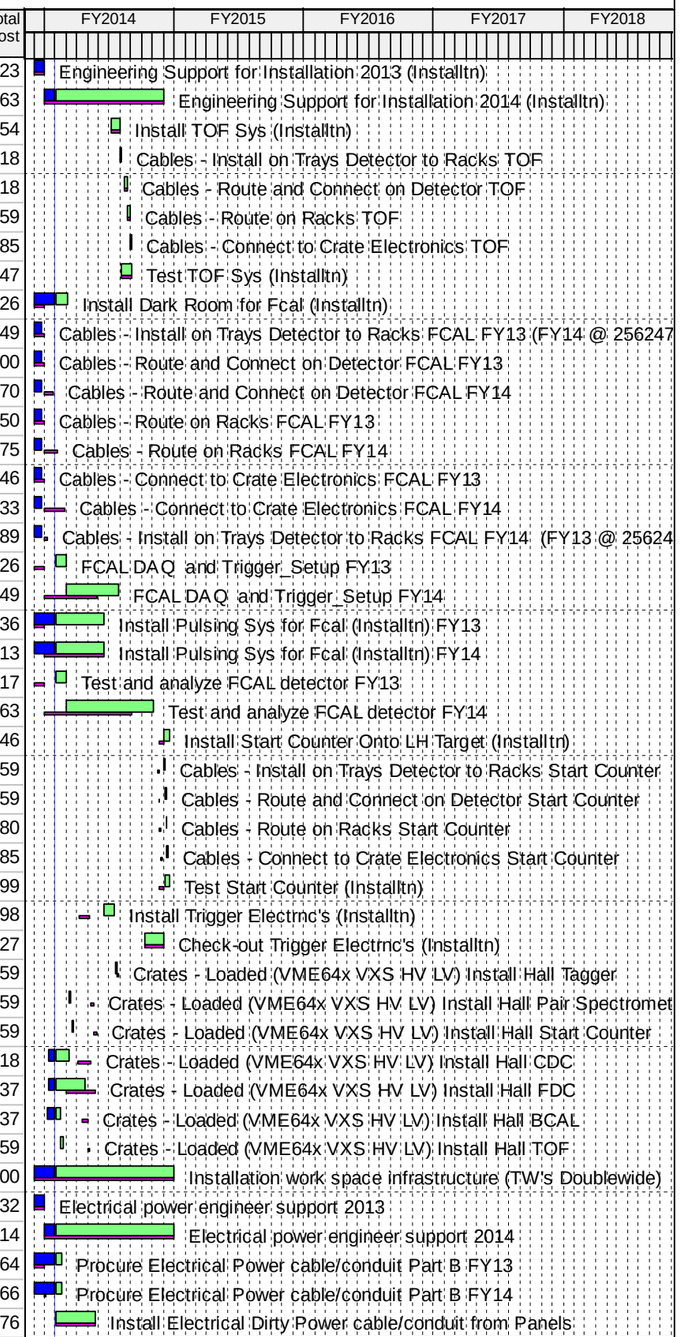
2562445		E	Engineering Support for Installation 2013 (Installtn)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$8,123	$8,123
2562445a		E	Engineering Support for Installation 2014 (Installtn)	01-Oct-13 A	03-Sep-14	03-Sep-14	3.8w	10%	$9,556	$95,563
2562450	ST	S	Install TOF Sys (Installtn)	08-Apr-14	30-Apr-14	30-Apr-14	12.8w	0%	$0	$13,254
2562455		U	Cables - Install on Trays Detector to Racks TOF	01-May-14	07-May-14	07-May-14	12.8w	0%	$0	$7,518
2562455a		U	Cables - Route and Connect on Detector TOF	15-May-14	21-May-14	21-May-14	12.8w	0%	$0	$7,518
2562455b		U	Cables - Route on Racks TOF	22-May-14	29-May-14	29-May-14	12.8w	0%	$0	$3,759
2562455c		U	Cables - Connect to Crate Electronics TOF	30-May-14	02-Jun-14	02-Jun-14	12.8w	0%	$0	$4,885
2562460		U	Test TOF Sys (Installtn)	08-May-14	05-Jun-14	05-Jun-14	16.2w	0%	$0	$21,047
2562466	ST	S	Install Dark Room for Fcal (Installtn)	03-Sep-13 A	04-Dec-13	30-Sep-13	8.6w	70%	$2,959	$4,226
2562475		U	Cables - Install on Trays Detector to Racks FCAL FY13 (FY14 @ 2562475d)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$6,749	$6,749
2562475a		U	Cables - Route and Connect on Detector FCAL FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$1,500	$1,500
2562475aa		U	Cables - Route and Connect on Detector FCAL FY14	03-Sep-13 A	23-Sep-13	25-Oct-13		100%	$1,470	$1,470
2562475b		U	Cables - Route on Racks FCAL FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$950	$950
2562475ba		U	Cables - Route on Racks FCAL FY14	03-Sep-13 A	23-Sep-13	05-Nov-13		100%	$1,275	$1,275
2562475c		U	Cables - Connect to Crate Electronics FCAL FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$846	$846
2562475ca		U	Cables - Connect to Crate Electronics FCAL FY14	03-Sep-13 A	23-Sep-13	27-Nov-13		100%	$1,833	$1,833
2562475d		U	Cables - Install on Trays Detector to Racks FCAL FY14 (FY13 @ 2562475)	03-Sep-13 A	23-Sep-13	08-Oct-13		100%	$2,089	$2,089
2562478	ST	S	FCAL DAQ and Trigger_Setup FY13	01-Nov-13	02-Dec-13	30-Sep-13	8.0w	0%	$0	$4,426
2562478a	ST	S	FCAL DAQ and Trigger_Setup FY14	03-Dec-13	29-Apr-14	27-Feb-14	8.0w	0%	$0	$22,149
2562480	ST	S	Install Pulsing Sys for Fcal (Installtn) FY13	03-Sep-13 A	17-Mar-14	30-Sep-13	15.8w	25%	$534	$2,136
2562480a	ST	S	Install Pulsing Sys for Fcal (Installtn) FY14	03-Sep-13 A	17-Mar-14	17-Mar-14	15.8w	25%	$3,003	$12,013
2562482	ST	S	Test and analyze FCAL detector FY13	01-Nov-13	02-Dec-13	30-Sep-13	8.0w	0%	$0	$2,217
2562482a	ST	S	Test and analyze FCAL detector FY14	03-Dec-13	04-Aug-14	03-Jun-14	8.0w	0%	$0	$18,763
2562485		S	Install Start Counter Onto LH Target (Installtn)	04-Sep-14	17-Sep-14	02-Sep-14	0.0w	0%	$0	$17,846
2562490		U	Cables - Install on Trays Detector to Racks Start Counter	03-Sep-14	04-Sep-14	19-Aug-14	1.6w	0%	$0	$3,759
2562490a		U	Cables - Route and Connect on Detector Start Counter	05-Sep-14	08-Sep-14	21-Aug-14	6.0w	0%	$0	$3,759
2562490b		U	Cables - Route on Racks Start Counter	09-Sep-14	10-Sep-14	25-Aug-14	6.0w	0%	$0	$1,880
2562490c		U	Cables - Connect to Crate Electronics Start Counter	11-Sep-14	12-Sep-14	27-Aug-14	6.0w	0%	$0	$4,885
2562495		H	Test Start Counter (Installtn)	05-Sep-14	18-Sep-14	03-Sep-14	1.6w	0%	$0	$9,999
2562505		U	Install Trigger Electrnc's (Installtn)	19-Mar-14	15-Apr-14	04-Feb-14	15.6w	0%	$0	$9,398
2562510		U	Check-out Trigger Electrnc's (Installtn)	10-Jul-14	03-Sep-14	03-Sep-14	3.8w	0%	$0	$7,327
2562515		U	Crates - Loaded (VME64x VXS HV LV) Install Hall Tagger	21-Apr-14	25-Apr-14	28-Apr-14	19.8w	0%	$0	$3,759
2562520		U	Crates - Loaded (VME64x VXS HV LV) Install Hall Pair Spectrometer	09-Dec-13	13-Dec-13	17-Feb-14	36.6w	0%	$0	$3,759
2562525		U	Crates - Loaded (VME64x VXS HV LV) Install Hall Start Counter	16-Dec-13	20-Dec-13	24-Feb-14	36.6w	0%	$0	$3,759
2562530		U	Crates - Loaded (VME64x VXS HV LV) Install Hall CDC	14-Oct-13 A	10-Dec-13	07-Feb-14	32.0w	10%	$752	$7,518
2562535		U	Crates - Loaded (VME64x VXS HV LV) Install Hall FDC	12-Oct-13 A	24-Jan-14	20-Feb-14	22.8w	10%	$1,504	$15,037
2562540		U	Crates - Loaded (VME64x VXS HV LV) Install Hall BCAL	10-Oct-13 A	14-Nov-13	30-Jan-14	24.8w	60%	$9,022	$15,037
2562545		U	Crates - Loaded (VME64x VXS HV LV) Install Hall TOF	15-Nov-13	21-Nov-13	06-Feb-14	37.8w	0%	$0	$3,759
2562595a		E	Installation work space infrastructure (TW's Doublewide)	03-Sep-13 A	30-Sep-14	30-Sep-14	50.0w	16.1%	$934	$5,800
2562610LOE		E	Electrical power engineer support 2013	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$10,332	$10,332
2562615LOE		E	Electrical power engineer support 2014	01-Oct-13 A	30-Sep-14	30-Sep-14	49.0w	9.31%	$6,155	$66,114
2562620a		D	Procure Electrical Power cable/conduit Part B FY13	03-Sep-13 A	18-Nov-13	30-Sep-13	39.8w	50%	$12,032	$24,064
2562620aa		D	Procure Electrical Power cable/conduit Part B FY14	03-Sep-13 A	18-Nov-13	04-Oct-13	39.8w	50%	$2,483	$4,966
2562625	ST	S	Install Electrical Dirty Power cable/conduit from Panels	04-Nov-13	20-Feb-14	20-Feb-14	31.0w	0%	$0	$15,376



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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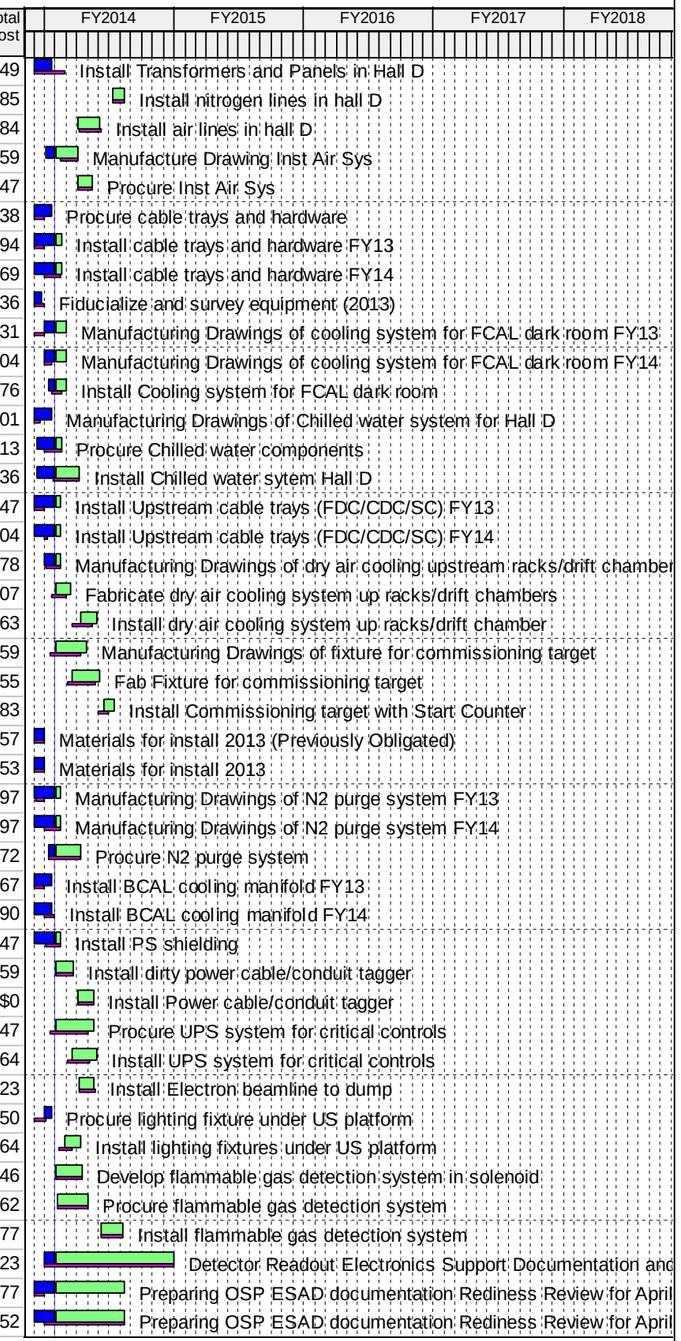
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2562626		D	Install Transformers and Panels in Hall D	03-Sep-13 A	21-Oct-13 A	27-Nov-13		100%	$43,349	$43,349
2562630	ST	S	Install nitrogen lines in hall D	11-Apr-14	16-May-14	16-May-14	18.8w	0%	$0	$13,685
2562635	ST	S	Install air lines in hall D	03-Jan-14	07-Mar-14	11-Mar-14	28.8w	0%	$0	$13,984
2562636	ST	S	Manufacture Drawing Inst Air Sys	07-Oct-13 A	02-Jan-14	02-Jan-14	31.8w	78%	$18,922	$24,259
2562637		D	Procure Inst Air Sys	03-Jan-14	14-Feb-14	14-Feb-14	31.8w	0%	$0	$4,747
2562640	ST	S	Procure cable trays and hardware	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$1,238	$1,238
2562645	ST	S	Install cable trays and hardware FY13	03-Sep-13 A	20-Nov-13	30-Sep-13	24.2w	20%	$259	$1,294
2562645a	ST	S	Install cable trays and hardware FY14	03-Sep-13 A	20-Nov-13	15-Nov-13	24.2w	20%	$454	$2,269
2562685	ST	S	Fiducialize and survey equipment (2013)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$2,236	$2,236
2562690	ST	S	Manufacturing Drawings of cooling system for FCAL dark room FY13	01-Oct-13 A	02-Dec-13	30-Sep-13	38.6w	70%	$512	$731
2562690a	ST	S	Manufacturing Drawings of cooling system for FCAL dark room FY14	01-Oct-13 A	02-Dec-13	22-Oct-13	38.6w	70%	$423	$604
2562700	ST	S	Install Cooling system for FCAL dark room	14-Oct-13 A	03-Dec-13	20-Nov-13	36.6w	50%	$3,138	$6,276
2562705	ST	S	Manufacturing Drawings of Chilled water system for Hall D	03-Sep-13 A	21-Oct-13 A	18-Sep-13		100%	$8,301	$8,301
2562710		D	Procure Chilled water components	09-Sep-13 A	18-Nov-13	18-Nov-13	32.4w	90%	$9,101	$10,113
2562715	ST	S	Install Chilled water sytem Hall D	09-Sep-13 A	09-Jan-14	09-Jan-14	24.8w	93%	$13,611	$14,636
2562730	ST	S	Install Upstream cable trays (FDC/CDC/SC) FY13	03-Sep-13 A	13-Nov-13	30-Sep-13	13.4w	66.6%	$3,161	$4,747
2562730a	ST	S	Install Upstream cable trays (FDC/CDC/SC) FY14	03-Sep-13 A	13-Nov-13	11-Oct-13	13.4w	66.6%	$1,468	$2,204
2562740	ST	S	Manufacturing Drawings of dry air cooling upstream racks/drift chambers	01-Oct-13 A	14-Nov-13	14-Nov-13	28.6w	18%	$4,424	$24,578
2562745	ST	S	Fabricate dry air cooling system up racks/drift chambers	01-Nov-13	12-Dec-13	02-Dec-13	27.0w	0%	$0	$8,307
2562750	ST	S	Install dry air cooling system up racks/drift chamber	13-Jan-14	26-Feb-14	11-Feb-14	22.6w	0%	$0	$14,663
2562770	ST	S	Manufacturing Drawings of fixture for commissioning target	01-Nov-13	28-Jan-14	13-Jan-14	23.6w	0%	$0	$24,259
2562775		D	Fab Fixture for commissioning target	19-Dec-13	07-Mar-14	21-Feb-14	23.6w	0%	$0	$8,255
2562780	ST	S	Install Commissioning target with Start Counter	17-Mar-14	14-Apr-14	31-Mar-14	23.6w	0%	$0	$10,183
2562785		E	Materials for install 2013 (Previously Obligated)	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$3,757	$3,757
2562790		E	Materials for install 2013	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$2,953	$2,953
2562805	ST	S	Manufacturing Drawings of N2 purge system FY13	03-Sep-13 A	14-Nov-13	30-Sep-13	21.4w	97%	$8,048	$8,297
2562805a	ST	S	Manufacturing Drawings of N2 purge system FY14	03-Sep-13 A	14-Nov-13	14-Nov-13	21.4w	97%	$15,226	$15,697
2562810		D	Procure N2 purge system	15-Oct-13 A	10-Jan-14	10-Jan-14	18.8w	60%	$3,343	$5,572
2562830	ST	S	Install BCAL cooling manifold FY13	03-Sep-13 A	21-Oct-13 A	30-Sep-13		100%	$3,867	$3,867
2562830a	ST	S	Install BCAL cooling manifold FY14	03-Sep-13 A	21-Oct-13 A	28-Oct-13		100%	$3,990	$3,990
2562835	ST	S	Install PS shielding	03-Sep-13 A	15-Nov-13	15-Nov-13	42.6w	55%	$2,776	$5,047
2562840	ST	S	Install dirty power cable/conduit tagger	04-Nov-13	20-Dec-13	20-Dec-13	35.4w	0%	$0	$7,159
2562845		S	Install Power cable/conduit tagger	02-Jan-14	18-Feb-14	18-Feb-14	35.4w	0%	$0	$0
2562850		D	Procure UPS system for critical controls	01-Nov-13	18-Feb-14	31-Jan-14	30.6w	0%	$0	$4,747
2562855	ST	S	Install UPS system for critical controls	20-Dec-13	24-Feb-14	06-Feb-14	30.6w	0%	$0	$9,464
2562860	ST	S	Install Electron beamline to dump	06-Jan-14	18-Feb-14	20-Feb-14	31.4w	0%	$0	$7,823
2562865		D	Procure lighting fixture under US platform	01-Oct-13 A	21-Oct-13 A	04-Oct-13		100%	$550	$550
2562870	ST	S	Install lighting fixtures under US platform	27-Nov-13	10-Jan-14	16-Dec-13	22.6w	0%	$0	$4,164
2562875	ST	S	Develop flammable gas detection system in solenoid	01-Nov-13	17-Jan-14	17-Jan-14	19.8w	0%	$0	$19,446
2562880		D	Procure flammable gas detection system	05-Nov-13	31-Jan-14	31-Jan-14	19.8w	0%	$0	$8,462
2562885		S	Install flammable gas detection system	10-Mar-14	09-May-14	09-May-14	19.8w	0%	$0	$11,777
2562890	ST	S	Detector Readout Electronics Support Documentation and OSP	01-Oct-13 A	01-Oct-14	01-Oct-14	2.0w	8%	$11,258	$140,723
2562895	ST	S	Preparing OSP ESAD documentation Rediness Review for April 14 Beam Ru	03-Sep-13 A	13-May-14	30-Sep-13	19.4w	4%	$483	$12,077
2562895a	ST	S	Preparing OSP ESAD documentation Rediness Review for April 14 Beam Ru	03-Sep-13 A	13-May-14	13-May-14	19.4w	4%	$3,682	$92,052



Primary Baseline | Remaining Work | Baseline Milestone
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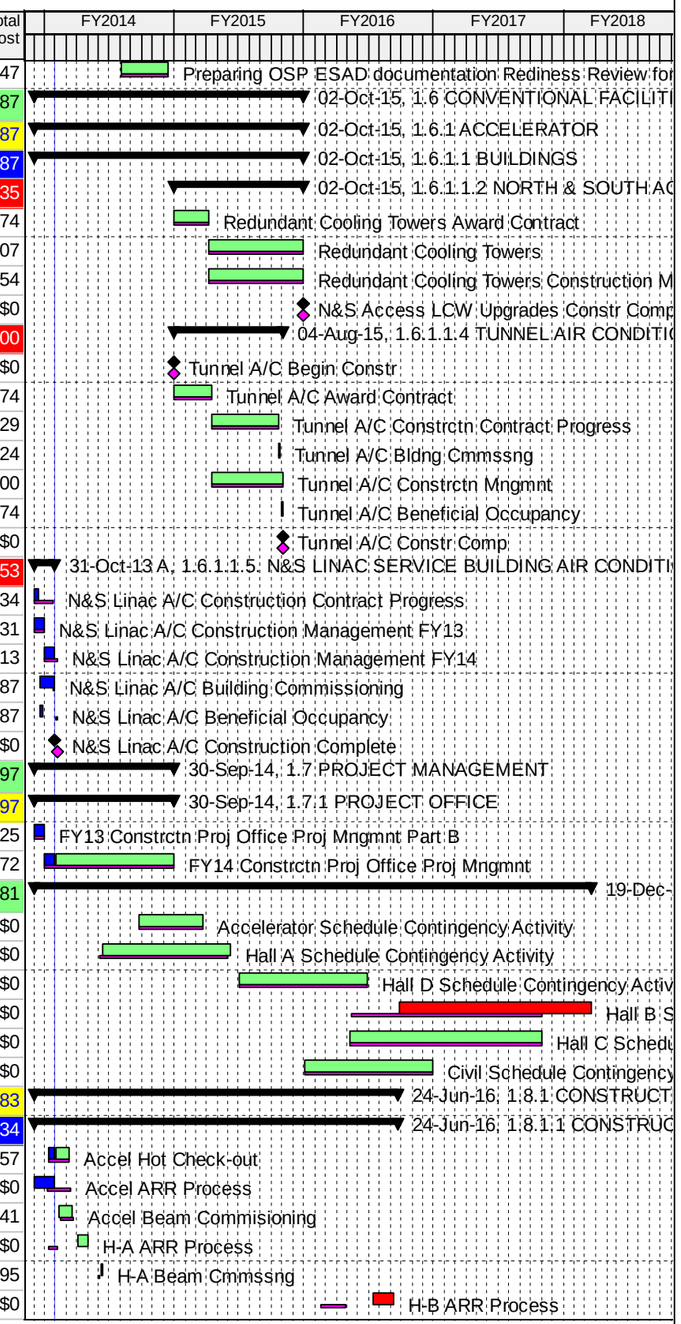
Activity ID	Actin with Ster	EV Re Cu	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % omplete	Earned Value Cost	BL Project Total Cost
2562900		S	Preparing OSP ESAD documentation Rediness Review for October 14 Beam	06-May-14	16-Sep-14	16-Sep-14	2.0w	0%	$0	$106,747
1.6 CONVENTIONAL FACILITIES				03-Sep-13 A	02-Oct-15	02-Oct-15	49.6w		$77,753	$2,048,587
1.6.1 ACCELERATOR				03-Sep-13 A	02-Oct-15	02-Oct-15	49.6w		$77,753	$2,048,587
1.6.1.1 BUILDINGS				03-Sep-13 A	02-Oct-15	02-Oct-15	49.6w		$77,753	$2,048,587
1.6.1.1.2 NORTH & SOUTH ACCESS BUILDING UTILITIES				01-Oct-14	02-Oct-15	02-Oct-15	49.6w		$0	$450,535
26112011			Redundant Cooling Towers Award Contract	01-Oct-14	06-Jan-15	06-Jan-15	49.8w	0%	$0	$5,974
26112012			Redundant Cooling Towers	07-Jan-15	02-Oct-15	02-Oct-15	49.8w	0%	$0	$399,307
26112013			Redundant Cooling Towers Construction Management	07-Jan-15	01-Oct-15	01-Oct-15	50.0w	0%	$0	$45,254
26112030M			N&S Access LCW Upgrades Constr Comp		02-Oct-15	02-Oct-15	49.8w	0%	$0	$0
1.6.1.1.4 TUNNEL AIR CONDITIONING				01-Oct-14	04-Aug-15	04-Aug-15	58.0w		$0	$1,520,300
26114000M			Tunnel A/C Begin Constr	01-Oct-14			58.2w	0%	$0	$0
26114005			Tunnel A/C Award Contract	01-Oct-14	13-Jan-15	13-Jan-15	58.2w	0%	$0	$5,974
26114010			Tunnel A/C Constrctn Contract Progress	14-Jan-15	21-Jul-15	21-Jul-15	58.2w	0%	$0	$1,411,829
26114015			Tunnel A/C Bldng Cmmssng	22-Jul-15	28-Jul-15	28-Jul-15	58.2w	0%	$0	$15,424
26114020			Tunnel A/C Constrctn Mngmnt	14-Jan-15	03-Aug-15	03-Aug-15	58.4w	0%	$0	$81,100
26114025			Tunnel A/C Beneficial Occupancy	29-Jul-15	04-Aug-15	04-Aug-15	58.2w	0%	$0	$5,974
26114030M			Tunnel A/C Constr Comp		04-Aug-15	04-Aug-15	58.2w	0%	$0	$0
1.6.1.1.5. N&S LINAC SERVICE BUILDING AIR CONDITIONING				03-Sep-13 A	31-Oct-13 A	07-Nov-13			$77,753	$77,753
26115025		C	N&S Linac A/C Construction Contract Progress	03-Sep-13 A	16-Sep-13	24-Oct-13		100%	$52,634	$52,634
26115030		E	N&S Linac A/C Construction Management FY13	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$7,831	$7,831
26115030a		E	N&S Linac A/C Construction Management FY14	01-Oct-13 A	30-Oct-13 A	07-Nov-13		100%	$11,313	$11,313
26115035		H	N&S Linac A/C Building Commissioning	18-Sep-13 A	30-Oct-13 A	31-Oct-13		100%	$2,987	$2,987
26115040		H	N&S Linac A/C Beneficial Occupancy	18-Sep-13 A	27-Sep-13	07-Nov-13		100%	$2,987	$2,987
26115045M		M	N&S Linac A/C Construction Complete		31-Oct-13 A	07-Nov-13		100%	$0	$0
1.7 PROJECT MANAGEMENT				03-Sep-13 A	30-Sep-14	30-Sep-14	62.4w		$155,689	$999,897
1.7.1 PROJECT OFFICE				03-Sep-13 A	30-Sep-14	30-Sep-14	62.4w		$155,689	$999,897
271913LOEB		E	FY13 Constrctn Proj Office Proj Mngmnt Part B	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$69,025	$69,025
271914LOE		E	FY14 Constrctn Proj Office Proj Mngmnt	01-Oct-13 A	30-Sep-14	30-Sep-14	62.2w	9.31%	$86,664	$930,872
1.8 CONSTRUCTION PRE-OPS				03-Sep-13 A	19-Dec-17	02-Aug-17	-11.0w		$278,611	$9,110,481
28000		Z	Accelerator Schedule Contingency Activity	26-Jun-14	23-Dec-14	23-Dec-14	0.0w	0%	$0	$0
28005		Z	Hall A Schedule Contingency Activity	13-Mar-14	10-Mar-15	03-Mar-15	127.6w	0%	$0	$0
28010		Z	Hall D Schedule Contingency Activity	02-Apr-15	29-Mar-16	29-Mar-16	75.4w	0%	$0	$0
28015		Z	Hall B Schedule Contingency Activity	27-Jun-16	19-Dec-17	02-Aug-17	-11.0w	0%	$0	$0
28020		Z	Hall C Schedule Contingency Activity	09-Feb-16	31-Jul-17	31-Jul-17	8.6w	0%	$0	$0
28025		Z	Civil Schedule Contingency Activity	05-Oct-15	28-Sep-16	28-Sep-16	49.8w	0%	$0	$0
1.8.1 CONSTRUCTION ACCELERATOR PRE-OPS				03-Sep-13 A	24-Jun-16	10-Feb-16	-12.0w		$64,744	$3,613,583
1.8.1.1 CONSTRUCTION ACCELERATOR PRE-OPS BEAM COMMISIONING				03-Sep-13 A	24-Jun-16	10-Feb-16	-12.0w		$0	$966,034
2811000	ST	S	Accel Hot Check-out	15-Oct-13 A	09-Dec-13	09-Dec-13	12.4w	0%	$0	$169,657
2811001		Z	Accel ARR Process	03-Sep-13 A	31-Oct-13 A	13-Dec-13		100%	$0	$0
2811005	ST	S	Accel Beam Commisioning	13-Nov-13	19-Dec-13	20-Dec-13	3.8w	0%	$0	$435,041
2811019		Z	H-A ARR Process	02-Jan-14	30-Jan-14	08-Nov-13	7.8w	0%	$0	$0
2811020		S	H-A Beam Cmmssng	10-Mar-14	12-Mar-14	05-Mar-14	2.6w	0%	$0	$27,795
2811034		Z	H-B ARR Process	15-Apr-16	10-Jun-16	27-Jan-16	-12.0w	0%	$0	$0



Primary Baseline | Remaining Work | Baseline Milestone
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TASK filter: RESP - Responsibility to use After ReBas.

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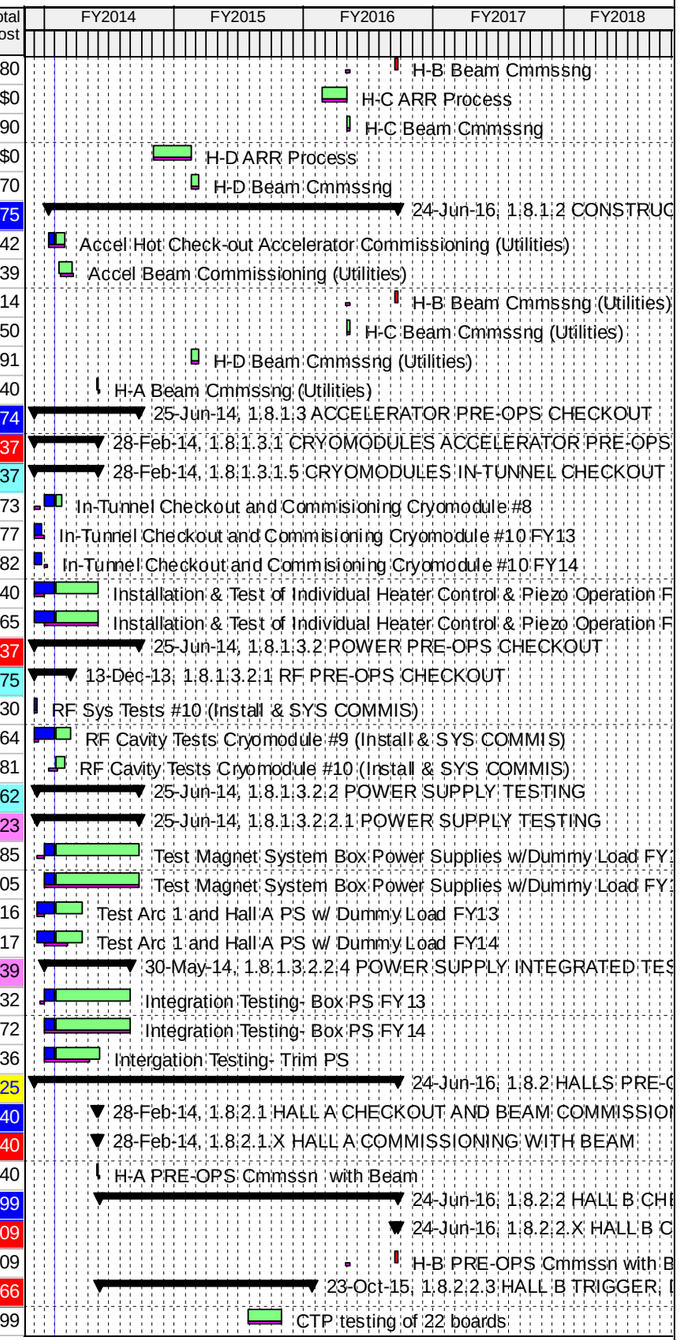
Activity ID	Acti with Ster	EV Re Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
2811035		S	H-B Beam Cmmssng	13-Jun-16	24-Jun-16	10-Feb-16	-12.0w	0%	$0	$111,180
2811049		Z	H-C ARR Process	24-Nov-15	01-Feb-16	01-Feb-16	7.6w	0%	$0	$0
2811050		S	H-C Beam Cmmssng	02-Feb-16	08-Feb-16	08-Feb-16	7.6w	0%	$0	$55,590
2811064		Z	H-D ARR Process	05-Aug-14	18-Nov-14	18-Nov-14	1.6w	0%	$0	$0
2811065		S	H-D Beam Cmmssng	19-Nov-14	11-Dec-14	11-Dec-14	1.6w	0%	$0	$166,770
1.8.1.2 CONSTRUCTION ACCELERATOR PRE-OPS UTILITIES				15-Oct-13 A	24-Jun-16	10-Feb-16	-12.0w		$0	$2,336,175
2812000	ST	S	Accel Hot Check-out Accelerator Commissioning (Utilities)	15-Oct-13 A	27-Nov-13	27-Nov-13	15.0w	0%	$0	$235,442
2812005	ST	S	Accel Beam Commissioning (Utilities)	13-Nov-13	19-Dec-13	20-Dec-13	3.8w	0%	$0	$703,439
2812020		S	H-B Beam Cmmssng (Utilities)	13-Jun-16	24-Jun-16	10-Feb-16	-12.0w	0%	$0	$398,414
2812035		S	H-C Beam Cmmssng (Utilities)	02-Feb-16	08-Feb-16	08-Feb-16	7.6w	0%	$0	$276,450
2812050		S	H-D Beam Cmmssng (Utilities)	19-Nov-14	11-Dec-14	11-Dec-14	1.6w	0%	$0	$599,291
2812065		S	H-A Beam Cmmssng (Utilities)	26-Feb-14	28-Feb-14	04-Mar-14	4.2w	0%	$0	$123,140
1.8.1.3 ACCELERATOR PRE-OPS CHECKOUT				03-Sep-13 A	25-Jun-14	25-Jun-14	24.6w		$64,744	$311,374
1.8.1.3.1 CRYOMODULES ACCELERATOR PRE-OPS				03-Sep-13 A	28-Feb-14	28-Feb-14	41.0w		$30,337	$55,237
1.8.1.3.1.5 CRYOMODULES IN-TUNNEL CHECKOUT				03-Sep-13 A	28-Feb-14	28-Feb-14	41.0w		$30,337	$55,237
281315015	ST	S	In-Tunnel Checkout and Commisioning Cryomodule #8	01-Oct-13 A	20-Nov-13	20-Sep-13	4.8w	50%	$12,436	$24,873
281315025	ST	S	In-Tunnel Checkout and Commisioning Cryomodule #10 FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$8,577	$8,577
281315025a	ST	S	In-Tunnel Checkout and Commisioning Cryomodule #10 FY14	03-Sep-13 A	23-Sep-13	11-Oct-13		100%	$3,982	$3,982
281315030	ST	S	Installation & Test of Individual Heater Control & Piezo Operation FY13	03-Sep-13 A	28-Feb-14	30-Sep-13	41.4w	30%	$882	$2,940
281315030a	ST	S	Installation & Test of Individual Heater Control & Piezo Operation FY14	03-Sep-13 A	28-Feb-14	28-Feb-14	41.4w	30%	$4,460	$14,865
1.8.1.3.2 POWER PRE-OPS CHECKOUT				03-Sep-13 A	25-Jun-14	25-Jun-14	0.0w		$34,407	$256,137
1.8.1.3.2.1 RF PRE-OPS CHECKOUT				03-Sep-13 A	13-Dec-13	06-Nov-13	15.8w		$10,262	$26,575
281321025		H	RF Sys Tests #10 (Install & SYS COMMIS)	03-Sep-13 A	09-Sep-13	09-Sep-13		100%	$6,130	$6,130
281321050		H	RF Cavity Tests Cryomodule #9 (Install & SYS COMMIS)	03-Sep-13 A	13-Dec-13	16-Sep-13	15.6w	50%	$4,132	$8,264
281321055	ST	S	RF Cavity Tests Cryomodule #10 (Install & SYS COMMIS)	01-Nov-13	26-Nov-13	06-Nov-13	17.8w	0%	$0	$12,181
1.8.1.3.2.2 POWER SUPPLY TESTING				09-Sep-13 A	25-Jun-14	25-Jun-14	0.0w		$24,145	$229,562
1.8.1.3.2.2.1 POWER SUPPLY TESTING				09-Sep-13 A	25-Jun-14	25-Jun-14	0.0w		$19,149	$157,823
28132210C		U	Test Magnet System Box Power Supplies w/Dummy Load FY13	01-Oct-13 A	25-Jun-14	30-Sep-13	0.0w	8%	$903	$11,285
28132210C		U	Test Magnet System Box Power Supplies w/Dummy Load FY14	01-Oct-13 A	25-Jun-14	25-Jun-14	0.0w	8%	$10,480	$131,005
28132210C		U	Test Arc 1 and Hall A PS w/ Dummy Load FY13	09-Sep-13 A	17-Jan-14	30-Sep-13	22.0w	50%	$1,958	$3,916
28132210C		U	Test Arc 1 and Hall A PS w/ Dummy Load FY14	09-Sep-13 A	17-Jan-14	05-Dec-13	22.0w	50%	$5,808	$11,617
1.8.1.3.2.2.4 POWER SUPPLY INTEGRATED TESTING				30-Sep-13 A	30-May-14	30-May-14	3.6w		$4,996	$71,739
28132240C		U	Integration Testing- Box PS FY13	01-Oct-13 A	30-May-14	30-Sep-13	3.6w	4.5%	$82	$1,832
28132240C		U	Integration Testing- Box PS FY14	01-Oct-13 A	30-May-14	30-May-14	3.6w	4.5%	$1,700	$37,772
28132240C		U	Intergation Testing- Trim PS	30-Sep-13 A	07-Mar-14	04-Feb-14	2.6w	10%	$3,214	$32,136
1.8.2 HALLS PRE-OPS				03-Sep-13 A	24-Jun-16	10-Feb-16	-12.0w		$58,177	$1,371,425
1.8.2.1 HALL A CHECKOUT AND BEAM COMMISSIONING				26-Feb-14	28-Feb-14	04-Mar-14	4.2w		$0	$12,240
1.8.2.1.X HALL A COMMISSIONING WITH BEAM				26-Feb-14	28-Feb-14	04-Mar-14	4.2w		$0	$12,240
2821X000			H-A PRE-OPS Cmmssn with Beam	26-Feb-14	28-Feb-14	04-Mar-14	4.2w	0%	$0	$12,240
1.8.2.2 HALL B CHECKOUT AND BEAM COMMISSIONING				06-Mar-14	24-Jun-16	10-Feb-16	-12.0w		$0	$537,799
1.8.2.2.X HALL B COMMISSIONING WITH BEAM				13-Jun-16	24-Jun-16	10-Feb-16	-12.0w		$0	$101,809
2822X000		S	H-B PRE-OPS Cmmssn with Beam	13-Jun-16	24-Jun-16	10-Feb-16	-12.0w	0%	$0	$101,809
1.8.2.2.3 HALL B TRIGGER, DAQ AND ONLINE SOFTWARE CHECKOUT				06-Mar-14	23-Oct-15	23-Oct-15	8.2w		$0	$279,766
28223000		U	CTP testing of 22 boards	29-Apr-15	30-Jul-15	30-Jul-15	8.2w	0%	$0	$48,099



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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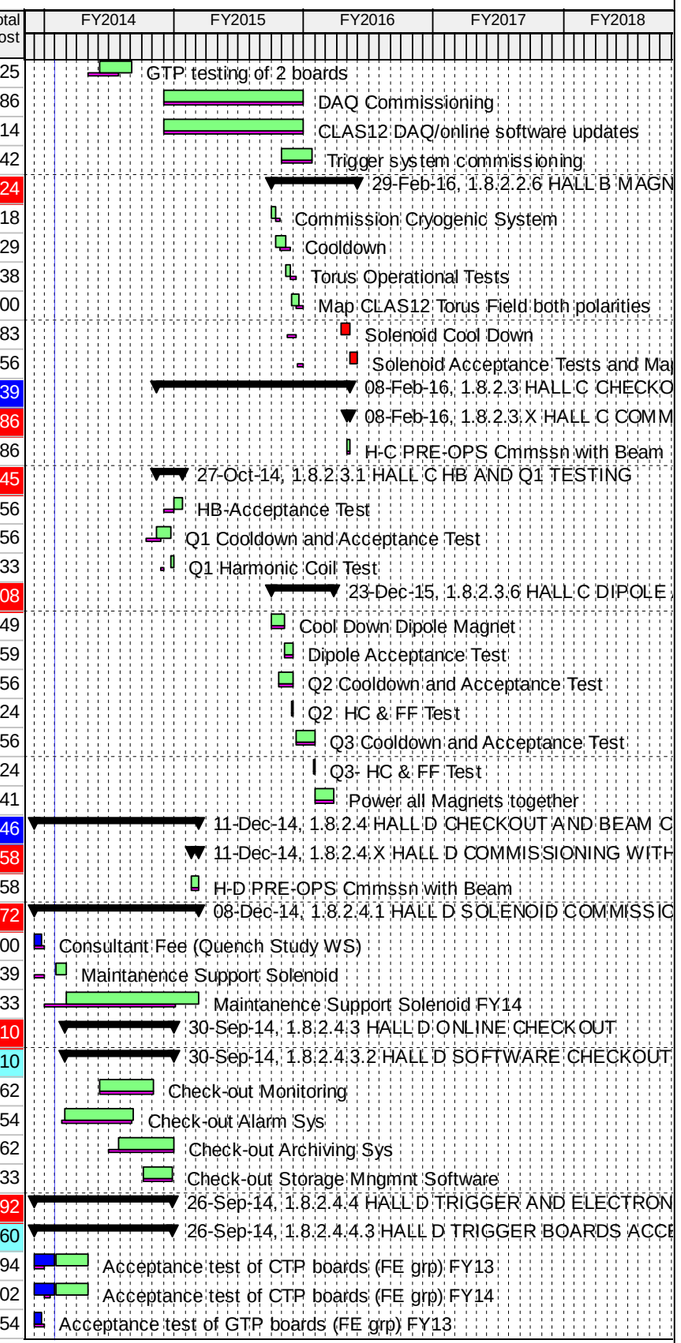
Activity ID	Activ with Step	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
28223010		U	GTP testing of 2 boards	06-Mar-14	02-Jun-14	29-Apr-14	65.6w	0%	$0	$12,025
28223025		S	DAQ Commissioning	03-Sep-14	01-Oct-15	02-Oct-15	11.4w	0%	$0	$36,086
28223030		S	CLAS12 DAQ/online software updates	03-Sep-14	01-Oct-15	02-Oct-15	11.4w	0%	$0	$53,714
28223040		S	Trigger system commissioning	31-Jul-15	23-Oct-15	23-Oct-15	8.2w	0%	$0	$129,842
1.8.2.2.6 HALL B MAGNET INSTALLATION TESTING				01-Jul-15	29-Feb-16	02-Oct-15	-16.0w		$0	$156,224
28226000		S	Commission Cryogenic System	01-Jul-15	15-Jul-15	27-Jul-15	5.0w	0%	$0	$13,518
28226005		S	Cooldown	16-Jul-15	12-Aug-15	24-Aug-15	5.0w	0%	$0	$73,029
28226010		S	Torus Operational Tests	13-Aug-15	26-Aug-15	08-Sep-15	5.0w	0%	$0	$35,438
28226015		S	Map CLAS12 Torus Field both polarities	27-Aug-15	18-Sep-15	30-Sep-15	5.0w	0%	$0	$19,600
28226020		H	Solenoid Cool Down	13-Jan-16	08-Feb-16	11-Sep-15	-18.6w	0%	$0	$8,783
28226025		H	Solenoid Acceptance Tests and Mapping	09-Feb-16	29-Feb-16	02-Oct-15	-18.6w	0%	$0	$5,856
1.8.2.3 HALL C CHECKOUT AND BEAM COMMISSIONING				11-Aug-14	08-Feb-16	08-Feb-16	7.4w		$0	$212,539
1.8.2.3.X HALL C COMMISSIONG WITH BEAM				02-Feb-16	08-Feb-16	08-Feb-16	7.4w		$0	$43,986
2823X000	ST	S	H-C PRE-OPS Cmmssn with Beam	02-Feb-16	08-Feb-16	08-Feb-16	7.6w	0%	$0	$43,986
1.8.2.3.1 HALL C HB AND Q1 TESTING				11-Aug-14	27-Oct-14	30-Sep-14	50.2w		$0	$54,645
28231000	ST	S	HB-Acceptance Test	30-Sep-14	27-Oct-14	30-Sep-14	50.0w	0%	$0	$25,356
28231005	ST	S	Q1 Cooldown and Acceptance Test	11-Aug-14	22-Sep-14	25-Aug-14	50.0w	0%	$0	$25,356
28231010		H	Q1 Harmonic Coil Test	23-Sep-14	29-Sep-14	02-Sep-14	54.0w	0%	$0	$3,933
1.8.2.3.6 HALL C DIPOLE AND Q2Q3 MAGNET TESTING				02-Jul-15	23-Dec-15	23-Dec-15	0.0w		$0	$113,908
28236000	ST	S	Cool Down Dipole Magnet	02-Jul-15	06-Aug-15	06-Aug-15	0.0w	0%	$0	$12,849
28236005		H	Dipole Acceptance Test	07-Aug-15	01-Sep-15	01-Sep-15	0.0w	0%	$0	$9,759
28236010	ST	S	Q2 Cooldown and Acceptance Test	23-Jul-15	02-Sep-15	02-Sep-15	0.0w	0%	$0	$25,356
28236015		H	Q2 HC & FF Test	27-Aug-15	02-Sep-15	02-Sep-15	8.4w	0%	$0	$8,624
28236020	ST	S	Q3 Cooldown and Acceptance Test	11-Sep-15	02-Nov-15	02-Nov-15	0.0w	0%	$0	$25,356
28236025		H	Q3- HC & FF Test	27-Oct-15	02-Nov-15	02-Nov-15	0.0w	0%	$0	$8,624
28236030	ST	S	Power all Magnets together	03-Nov-15	23-Dec-15	23-Dec-15	0.0w	0%	$0	$23,341
1.8.2.4 HALL D CHECKOUT AND BEAM COMMISSIONING				03-Sep-13 A	11-Dec-14	11-Dec-14	1.2w		$58,177	$608,846
1.8.2.4.X HALL D COMMISSIONING WITH BEAM				19-Nov-14	11-Dec-14	11-Dec-14	1.2w		$0	$155,758
2824X000			H-D PRE-OPS Cmmssn with Beam	19-Nov-14	11-Dec-14	11-Dec-14	1.6w	0%	$0	$155,758
1.8.2.4.1 HALL D SOLENOID COMMISSIONING				03-Sep-13 A	08-Dec-14	06-Oct-14	1.8w		$600	$49,972
25213030		D	Consultant Fee (Quench Study WS)	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$600	$600
28241000		S	Maintanence Support Solenoid	01-Nov-13	02-Dec-13	30-Sep-13	2.2w	0%	$0	$3,539
28241000a		S	Maintanence Support Solenoid FY14	03-Dec-13	08-Dec-14	06-Oct-14	2.2w	0%	$0	$45,833
1.8.2.4.3 HALL D ONLINE CHECKOUT				26-Nov-13	30-Sep-14	30-Sep-14	0.0w		$0	$32,610
1.8.2.4.3.2 HALL D SOFTWARE CHECKOUT				26-Nov-13	30-Sep-14	30-Sep-14	0.0w		$0	$32,610
282432005		U	Check-out Monitoring	07-Mar-14	05-Aug-14	05-Aug-14	7.8w	0%	$0	$7,662
282432010		U	Check-out Alarm Sys	26-Nov-13	09-Jun-14	03-Jun-14	15.8w	0%	$0	$4,654
282432015		U	Check-out Archiving Sys	29-Apr-14	30-Sep-14	30-Sep-14	0.0w	0%	$0	$7,662
282432025		U	Check-out Storage Mngmnt Software	08-Jul-14	26-Sep-14	26-Sep-14	0.4w	0%	$0	$12,633
1.8.2.4.4 HALL D TRIGGER AND ELECTRONICS CHECKOUT				03-Sep-13 A	26-Sep-14	30-Sep-14	2.4w		$57,577	$104,492
1.8.2.4.4.3 HALL D TRIGGER BOARDS ACCEPTANCE TESTING				03-Sep-13 A	26-Sep-14	30-Sep-14	0.4w		$42,741	$70,660
282443010		U	Acceptance test of CTP boards (FE grp) FY13	03-Sep-13 A	31-Jan-14	30-Sep-13	30.0w	70%	$9,306	$13,294
282443010a		U	Acceptance test of CTP boards (FE grp) FY14	03-Sep-13 A	31-Jan-14	18-Oct-13	30.0w	70%	$6,722	$9,602
282443020		U	Acceptance test of GTP boards (FE grp) FY13	03-Sep-13 A	23-Sep-13	30-Sep-13		100%	$7,154	$7,154



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: RESP - Responsibility to use After ReBas.

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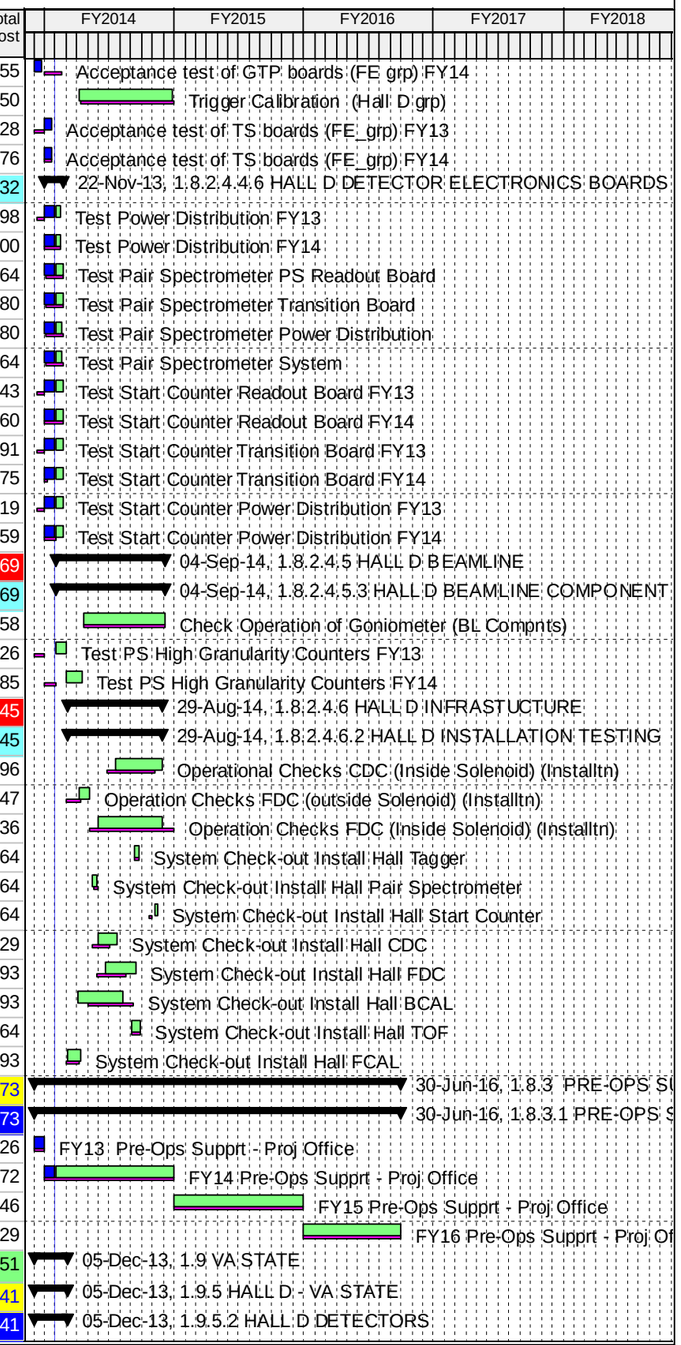
Activity ID	Activ with Ster	EV Rep Cou	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
282443020a		U	Acceptance test of GTP boards (FE grp) FY14	03-Sep-13 A	23-Sep-13	20-Nov-13		100%	$13,655	$13,655
282443025a	ST	S	Trigger Calibration (Hall D grp)	08-Jan-14	26-Sep-14	30-Sep-14	0.4w	0%	$0	$21,050
282443025a		U	Acceptance test of TS boards (FE_grp) FY13	01-Oct-13 A	21-Oct-13 A	30-Sep-13		100%	$3,328	$3,328
282443025a		U	Acceptance test of TS boards (FE_grp) FY14	01-Oct-13 A	21-Oct-13 A	21-Oct-13		100%	$2,576	$2,576
1.8.2.4.4.6 HALL D DETECTOR ELECTRONICS BOARDS CHECKOUT				01-Oct-13 A	22-Nov-13	21-Nov-13	43.8w		$14,836	$33,832
282446000		U	Test Power Distribution FY13	01-Oct-13 A	15-Nov-13	30-Sep-13	42.6w	55%	$1,154	$2,098
282446000a		U	Test Power Distribution FY14	01-Oct-13 A	15-Nov-13	15-Nov-13	42.6w	55%	$2,530	$4,600
282446010		U	Test Pair Spectrometer PS Readout Board	01-Oct-13 A	21-Nov-13	21-Nov-13	43.8w	50%	$3,382	$6,764
282446015a		U	Test Pair Spectrometer Transition Board	01-Oct-13 A	21-Nov-13	21-Nov-13	43.8w	50%	$940	$1,880
282446020		U	Test Pair Spectrometer Power Distribution	01-Oct-13 A	20-Nov-13	21-Nov-13	44.0w	50%	$940	$1,880
282446025		U	Test Pair Spectrometer System	01-Oct-13 A	20-Nov-13	21-Nov-13	40.0w	30%	$2,029	$6,764
282446030		U	Test Start Counter Readout Board FY13	01-Oct-13 A	22-Nov-13	30-Sep-13	39.6w	40%	$777	$1,943
282446030a		U	Test Start Counter Readout Board FY14	01-Oct-13 A	22-Nov-13	21-Nov-13	39.6w	40%	$1,904	$4,760
282446035		U	Test Start Counter Transition Board FY13	01-Oct-13 A	22-Nov-13	30-Sep-13	39.6w	25%	$248	$991
282446035a		U	Test Start Counter Transition Board FY14	01-Oct-13 A	22-Nov-13	11-Oct-13	39.6w	25%	$144	$575
282446040		U	Test Start Counter Power Distribution FY13	01-Oct-13 A	22-Nov-13	30-Sep-13	39.6w	50%	$310	$619
282446040a		U	Test Start Counter Power Distribution FY14	01-Oct-13 A	22-Nov-13	01-Nov-13	39.6w	50%	$479	$959
1.8.2.4.5 HALL D BEAMLINE				01-Nov-13	04-Sep-14	04-Sep-14	3.6w		$0	$37,769
1.8.2.4.5.3 HALL D BEAMLINE COMPONENT TESTING				01-Nov-13	04-Sep-14	04-Sep-14	3.6w		$0	$37,769
282453000		S	Check Operation of Goniometer (BL Compnts)	21-Jan-14	04-Sep-14	04-Sep-14	3.6w	0%	$0	$24,058
282453010		U	Test PS High Granularity Counters FY13	01-Nov-13	02-Dec-13	30-Sep-13	34.0w	0%	$0	$6,126
282453010a		U	Test PS High Granularity Counters FY14	03-Dec-13	15-Jan-14	01-Nov-13	34.0w	0%	$0	$7,585
1.8.2.4.6 HALL D INFRASTUCTURE				04-Dec-13	29-Aug-14	30-Sep-14	4.2w		$0	$228,245
1.8.2.4.6.2 HALL D INSTALLATION TESTING				04-Dec-13	29-Aug-14	30-Sep-14	4.2w		$0	$228,245
282462000		S	Operational Checks CDC (Inside Solenoid) (Installtn)	18-Apr-14	29-Aug-14	08-Aug-14	0.4w	0%	$0	$32,696
282462005		S	Operation Checks FDC (outside Solenoid) (Installtn)	07-Jan-14	06-Feb-14	10-Jan-14	3.2w	0%	$0	$33,547
282462010		S	Operation Checks FDC (Inside Solenoid) (Installtn)	28-Feb-14	27-Aug-14	30-Sep-14	4.6w	0%	$0	$60,536
282462015		S	System Check-out Install Hall Tagger	12-Jun-14	25-Jun-14	25-Jun-14	13.4w	0%	$0	$6,764
282462020		S	System Check-out Install Hall Pair Spectrometer	12-Feb-14	25-Feb-14	03-Mar-14	30.4w	0%	$0	$6,764
282462025		S	System Check-out Install Hall Start Counter	08-Aug-14	18-Aug-14	01-Aug-14	6.0w	0%	$0	$6,764
282462030		S	System Check-out Install Hall CDC	03-Mar-14	23-Apr-14	04-Apr-14	22.2w	0%	$0	$13,529
282462035		S	System Check-out Install Hall FDC	24-Mar-14	16-Jun-14	20-May-14	14.8w	0%	$0	$20,293
282462040		S	System Check-out Install Hall BCAL	02-Jan-14	08-May-14	06-Jun-14	20.0w	0%	$0	$20,293
282462045		S	System Check-out Install Hall TOF	03-Jun-14	30-Jun-14	30-Jun-14	12.8w	0%	$0	$6,764
282462050		S	System Check-out Install Hall FCAL	04-Dec-13	10-Jan-14	08-Jan-14	36.6w	0%	$0	$20,293
1.8.3 PRE-OPS SUPPORT				03-Sep-13 A	30-Jun-16	30-Jun-16	62.2w		$155,690	$4,125,473
1.8.3.1 PRE-OPS SUPPORT - PROJECT OFFICE				03-Sep-13 A	30-Jun-16	30-Jun-16	62.2w		$155,690	$4,125,473
2831913LOE		E	FY13 Pre-Ops Supprt - Proj Office	03-Sep-13 A	30-Sep-13	30-Sep-13		100%	$69,026	$69,026
2831914LOE		E	FY14 Pre-Ops Supprt - Proj Office	01-Oct-13 A	30-Sep-14	30-Sep-14	62.2w	9.31%	$86,664	$930,872
2831915LOE		E	FY15 Pre-Ops Supprt - Proj Office	01-Oct-14	01-Oct-15	01-Oct-15	62.2w	0%	$0	$1,780,146
2831916LOE		E	FY16 Pre-Ops Supprt - Proj Office	02-Oct-15	30-Jun-16	30-Jun-16	62.2w	0%	$0	$1,345,429
1.9 VA STATE				03-Sep-13 A	05-Dec-13	31-Oct-13	40.4w		$53,925	$99,351
1.9.5 HALL D - VA STATE				03-Sep-13 A	05-Dec-13	31-Oct-13	40.4w		$24,915	$70,341
1.9.5.2 HALL D DETECTORS				03-Sep-13 A	05-Dec-13	31-Oct-13	40.4w		$24,915	$70,341



Primary Baseline | Remaining Work | Baseline Milestone
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TASK filter: RESP - Responsibility to use After ReBas.

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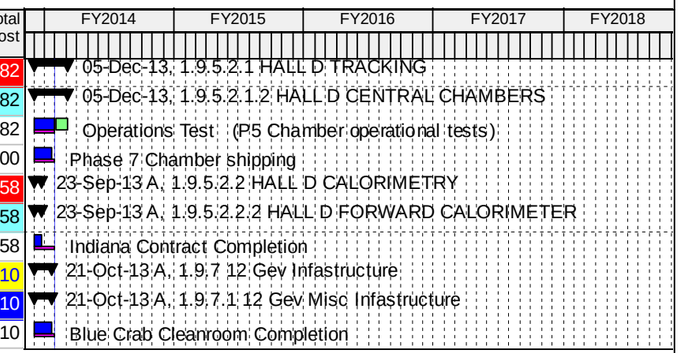
Activity ID	Acti with Ster	EV Re Co	Activity Name	Start	Finish	BL Project Finish	Total Float	Physical % Complete	Earned Value Cost	BL Project Total Cost
1.9.5.2.1 HALL D TRACKING				03-Sep-13 A	05-Dec-13	31-Oct-13	20.6w		$16,356	$61,782
1.9.5.2.1.2 HALL D CENTRAL CHAMBERS				03-Sep-13 A	05-Dec-13	31-Oct-13	20.6w		$16,356	$61,782
295212255		D	Operations Test (P5 Chamber operational tests)	03-Sep-13 A	05-Dec-13	31-Oct-13	20.4w	20%	$11,356	$56,782
295212260		D	Phase 7 Chamber shipping	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$5,000	$5,000
1.9.5.2.2 HALL D CALORIMETRY				03-Sep-13 A	23-Sep-13	31-Oct-13			$8,558	$8,558
1.9.5.2.2.2 HALL D FORWARD CALORIMETER				03-Sep-13 A	23-Sep-13	31-Oct-13			$8,558	$8,558
295222000		D	Indiana Contract Completion	03-Sep-13 A	23-Sep-13	31-Oct-13		100%	$8,558	$8,558
1.9.7 12 Gev Infastructure				03-Sep-13 A	21-Oct-13 A	31-Oct-13			$29,010	$29,010
1.9.7.1 12 Gev Misc Infastructure				03-Sep-13 A	21-Oct-13 A	31-Oct-13			$29,010	$29,010
2971000		D	Blue Crab Cleanroom Completion	03-Sep-13 A	21-Oct-13 A	31-Oct-13		100%	$29,010	$29,010



Primary Baseline | Remaining Work | Baseline Milestone
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