

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
COSTED BL09-14 12 GeV CR 09-01,03,02,04,05,07-12,14A-G		11823.97	\$11,263,838.98	\$19,408,818.59	\$244,643.97	\$30,917,301.54	46.30	02-Oct-06 08:00	08-Apr-14 12:00	[Gantt chart for main project summary]							
1.1 R&D		703.69	\$680,668.01	\$550,636.07	\$0.00	\$1,231,304.08	41.00	02-Oct-06 08:00	30-Sep-08 12:00	[Gantt chart for 1.1 R&D]							
1.2 PED		1748.78	\$1,884,585.38	\$468,454.26	\$3,162.40	\$2,356,202.04	67.20	02-Oct-06 08:00	09-Jul-09 12:00	[Gantt chart for 1.2 PED]							
1.5 CONSTRUCTION HALL D		9371.50	\$8,698,585.60	\$18,389,728.26	\$241,481.57	\$27,329,795.43	46.30	01-Oct-08 08:00	08-Apr-14 12:00	[Gantt chart for 1.5 CONSTRUCTION HALL D]							
1.5.1 SOLENOID		228.60	\$430,895.84	\$442,796.64	\$3,333.64	\$877,026.13	21.20	01-Oct-08 08:00	11-Jun-12 16:00	[Gantt chart for 1.5.1 SOLENOID]							
151000	Ship Iron to contractor (SOLENOID)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	93.20	01-Oct-08 08:00	14-Oct-08 08:00	[Task bar]							
151001	Modify Iron Pole (SOLENOID)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	93.20	15-Oct-08 08:00	11-Dec-08 08:00	[Task bar]							
151002	Ship Iron to Jlab (SOLENOID)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	93.20	12-Dec-08 08:00	02-Jan-09 08:00	[Task bar]							
151009E	FY09 Travel (SOLENOID)	0.00	\$0.00	\$0.00	\$919.70	\$919.70	26.40	02-Jan-09 08:00	30-Sep-09 08:00	[Task bar]							
151010E	FY10 Travel (SOLENOID)	0.00	\$0.00	\$0.00	\$1,206.44	\$1,206.44	26.40	01-Oct-09 08:00	30-Sep-10 08:00	[Task bar]							
151011E	FY11 Travel (SOLENOID)	0.00	\$0.00	\$0.00	\$1,207.50	\$1,207.50	26.40	01-Oct-10 08:00	30-Sep-11 08:00	[Task bar]							
151015	Dsgn Ring Girders (SOLENOID)	11.00	\$21,686.00	\$0.00	\$0.00	\$21,686.00	35.60	05-Jan-10 08:00	03-Mar-10 08:00	[Task bar]							
151020	Control Cabling fab (SOLENOID)	5.00	\$8,625.00	\$3,194.45	\$0.00	\$11,819.45	11.60	01-Oct-09 08:00	04-Jan-10 08:00	[Task bar]							
151023	Design Iron Spacers (SOLENOID)	5.00	\$9,566.80	\$0.00	\$0.00	\$9,566.80	11.60	05-Jan-10 08:00	03-Mar-10 08:00	[Task bar]							
151025	Fab Iron Spacers (SOLENOID)	1.00	\$2,552.40	\$118,194.75	\$0.00	\$120,747.15	11.60	04-Mar-10 08:00	20-Aug-10 08:00	[Task bar]							
151030	Dsgn Missing Mounts (SOLENOID)	3.50	\$6,537.00	\$0.00	\$0.00	\$6,537.00	15.60	05-Jan-10 08:00	02-Feb-10 08:00	[Task bar]							
151033	Fabricate Missing Mounts (SOLENOID)	1.00	\$2,552.40	\$8,518.54	\$0.00	\$11,070.94	15.60	03-Feb-10 08:00	31-Mar-10 08:00	[Task bar]							
151035	Fab Ring Girders (SOLENOID)	1.50	\$3,029.80	\$42,592.70	\$0.00	\$45,622.50	15.60	01-Apr-10 08:00	23-Jul-10 12:00	[Task bar]							
151040	Fab Stands (SOLENOID) (IPL)	2.00	\$4,170.40	\$15,804.27	\$0.00	\$19,974.67	27.60	05-Jan-10 08:00	28-Apr-10 08:00	[Task bar]							
151045	Set Up Solenoid Test Area (SOLENOID)	6.00	\$11,576.80	\$5,324.60	\$0.00	\$16,901.40	9.20	28-Jul-10 08:00	08-Sep-10 08:00	[Task bar]							
151050	Move Solenoid to H-D (SOLENOID) (IPL)	2.00	\$4,170.40	\$63,889.06	\$0.00	\$68,059.46	9.20	09-Sep-10 08:00	06-Oct-10 08:00	[Task bar]							
151055	Install DC Sys (SOLENOID)	9.00	\$15,496.40	\$5,324.09	\$0.00	\$20,820.49	9.20	07-Oct-10 08:00	20-Oct-10 08:00	[Task bar]							
151060	Install Solenoid Stands (SOLENOID)	12.00	\$21,284.80	\$4,259.27	\$0.00	\$25,544.07	9.20	21-Oct-10 08:00	17-Nov-10 08:00	[Task bar]							
151065	Install Solenoid Controls (SOLENOID) (IPL)	10.00	\$18,048.80	\$3,194.45	\$0.00	\$21,243.25	9.20	18-Nov-10 08:00	17-Dec-10 08:00	[Task bar]							
151070	Install DC Buswork (SOLENOID)	10.00	\$17,250.00	\$21,296.35	\$0.00	\$38,546.35	9.20	20-Dec-10 08:00	10-Jan-11 08:00	[Task bar]							
151075	Test DC Sys (SOLENOID)	6.00	\$11,320.40	\$0.00	\$0.00	\$11,320.40	9.20	11-Jan-11 08:00	25-Jan-11 08:00	[Task bar]							
151080	Install Controls Cabling (SOLENOID)	11.00	\$19,802.40	\$3,194.45	\$0.00	\$22,996.85	9.20	26-Jan-11 08:00	01-Feb-11 08:00	[Task bar]							
151085	Install Yoke mounts (SOLENOID)	6.30	\$11,168.48	\$0.00	\$0.00	\$11,168.48	9.20	02-Feb-11 08:00	02-Mar-11 08:00	[Task bar]							
151090	Install Yoke 1 (SOLENOID)	0.90	\$1,683.76	\$8,518.54	\$0.00	\$10,202.30	9.20	03-Mar-11 08:00	09-Mar-11 08:00	[Task bar]							
151095	Install Coil 1 (SOLENOID)	0.60	\$1,157.68	\$8,518.54	\$0.00	\$9,676.22	9.20	10-Mar-11 08:00	11-Mar-11 08:00	[Task bar]							
151100	Install Iron Spacer/Ring Girder 1 (SOLENOID)	1.20	\$2,315.36	\$8,518.54	\$0.00	\$10,833.90	9.20	14-Mar-11 08:00	15-Mar-11 08:00	[Task bar]							
151105	Install Yoke 2 (SOLENOID)	0.90	\$1,683.76	\$8,518.54	\$0.00	\$10,202.30	9.20	16-Mar-11 08:00	17-Mar-11 08:00	[Task bar]							
151110	Install Coil 2 (SOLENOID)	0.60	\$1,157.68	\$8,518.54	\$0.00	\$9,676.22	9.20	18-Mar-11 08:00	18-Mar-11 08:00	[Task bar]							
151115	Install Iron Spacer/Ring Girder 2 (SOLENOID)	1.20	\$2,315.36	\$8,518.54	\$0.00	\$10,833.90	9.20	21-Mar-11 08:00	22-Mar-11 08:00	[Task bar]							
151120	Install Yoke 3 (SOLENOID)	0.90	\$1,683.76	\$8,518.54	\$0.00	\$10,202.30	9.20	23-Mar-11 08:00	24-Mar-11 08:00	[Task bar]							
151125	Install Coil 3 (SOLENOID)	0.60	\$1,157.68	\$8,518.54	\$0.00	\$9,676.22	9.20	25-Mar-11 08:00	25-Mar-11 08:00	[Task bar]							
151130	Install Iron Spacer/Ring Girder 3 (SOLENOID)	1.20	\$2,315.36	\$8,518.54	\$0.00	\$10,833.90	9.20	28-Mar-11 08:00	29-Mar-11 08:00	[Task bar]							
151135	Install Yoke 4 (SOLENOID)	0.90	\$1,683.76	\$8,518.54	\$0.00	\$10,202.30	9.20	30-Mar-11 08:00	31-Mar-11 08:00	[Task bar]							
151140	Install Coil 4 (SOLENOID)	0.60	\$1,157.68	\$8,518.54	\$0.00	\$9,676.22	9.20	01-Apr-11 08:00	01-Apr-11 08:00	[Task bar]							
151145	Install Iron Spacer/Ring Girder 4 (SOLENOID)	1.20	\$2,315.36	\$8,518.54	\$0.00	\$10,833.90	9.20	04-Apr-11 08:00	05-Apr-11 08:00	[Task bar]							
151147	Safety Review (SOLENOID)	17.00	\$39,261.20	\$8,518.54	\$0.00	\$47,779.74	10.60	18-Jan-11 08:00	12-Apr-11 08:00	[Task bar]							
151150	Elect Test Coils (SOLENOID)	3.20	\$5,364.48	\$1,064.82	\$0.00	\$6,429.30	10.60	13-Apr-11 08:00	19-Apr-11 08:00	[Task bar]							
151155	Leak Test Coils (SOLENOID)	5.20	\$8,600.48	\$1,064.82	\$0.00	\$9,665.30	10.60	20-Apr-11 08:00	17-May-11 08:00	[Task bar]							
151160	Install US Pole (SOLENOID)	1.70	\$3,165.04	\$8,518.54	\$0.00	\$11,683.58	10.60	18-May-11 08:00	20-May-11 08:00	[Task bar]							
151165	Install Cryobox (SOLENOID) (IPL)	5.00	\$9,295.60	\$2,129.64	\$0.00	\$11,425.24	9.20	02-Jun-11 08:00	06-Jun-11 08:00	[Task bar]							
151170	Install DS Pole (SOLENOID) (IPL)	1.70	\$3,165.04	\$8,518.54	\$0.00	\$11,683.58	9.20	07-Jun-11 08:00	09-Jun-11 08:00	[Task bar]							
151175	Connect Coils (SOLENOID) (IPL)	4.20	\$7,757.12	\$1,064.82	\$0.00	\$8,821.94	21.20	10-Jun-11 08:00	08-Jul-11 08:00	[Task bar]							
151180	Install Cryo Interface (SOLENOID) (IPL)	9.30	\$15,862.72	\$1,064.82	\$0.00	\$16,927.54	21.20	11-Jul-11 08:00	05-Aug-11 08:00	[Task bar]							
151185	Elect Test Solenoid (SOLENOID)	3.30	\$6,154.72	\$0.00	\$0.00	\$6,154.72	21.20	08-Aug-11 08:00	12-Aug-11 08:00	[Task bar]							
151190	Leak Test Solenoid (SOLENOID)	8.50	\$14,220.20	\$1,064.82	\$0.00	\$15,285.02	21.20	15-Aug-11 08:00	12-Sep-11 08:00	[Task bar]							
151195	Controls Test (SOLENOID)	4.50	\$8,283.20	\$0.00	\$0.00	\$8,283.20	21.20	13-Sep-11 08:00	24-Oct-11 08:00	[Task bar]							
151200	Pressure Test Solenoid (SOLENOID)	1.50	\$2,894.20	\$1,064.82	\$0.00	\$3,959.02	21.20	25-Oct-11 08:00	31-Oct-11 08:00	[Task bar]							
151205	Install Coodown HXR (SOLENOID)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	01-Nov-11 08:00	07-Nov-11 08:00	[Task bar]							
151210	Install Cryo Connections (SOLENOID)	7.00	\$11,861.00	\$4,259.27	\$0.00	\$16,120.27	21.20	08-Nov-11 08:00	21-Dec-11 08:00	[Task bar]							
151215	Purge Helium Sys (SOLENOID)	4.50	\$7,748.20	\$4,259.27	\$0.00	\$12,007.47	21.20	29-Dec-11 08:00	27-Jan-12 08:00	[Task bar]							
151220	Cooldown to 100 K (SOLENOID)	4.50	\$7,748.20	\$0.00	\$0.00	\$7,748.20	21.20	30-Jan-12 08:00	10-Feb-12 08:00	[Task bar]							

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151225	Cooldown to 4 K (SOLENOID)	1.20	\$2,128.48	\$0.00	\$0.00	\$2,128.48	21.20	13-Feb-12 0...	15-Feb-12 ...								
151230	Fill with LHE (SOLENOID)	1.20	\$2,128.48	\$0.00	\$0.00	\$2,128.48	21.20	16-Feb-12 0...	23-Feb-12 ...								
151235	Static Test Coils (SOLENOID)	3.00	\$5,788.40	\$1,064.82	\$0.00	\$6,853.22	21.20	24-Feb-12 0...	01-Mar-12 ...								
151240	Controls Test Solenoid (SOLENOID)	5.00	\$9,958.80	\$1,064.82	\$0.00	\$11,023.62	21.20	02-Mar-12 0...	15-Mar-12 ...								
151245	Pwr Test Solenoid (SOLENOID)	24.00	\$50,044.80	\$1,064.82	\$0.00	\$51,109.62	21.20	16-Mar-12 0...	11-Jun-12 ...								
151250M	Installtn of Solenoid Comptd (SOLENOID)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20		11-Jun-12 ...								
1.5.2 DETECTORS		3559.70	\$2,735,567.28	\$8,970,278.38	\$43,377.19	\$11,749,222.85	34.30	01-Dec-08 0...	29-Jul-13 1...								
1.5.2.1 TRACKING		1779.70	\$1,678,652.48	\$1,675,282.26	\$10,247.53	\$3,364,182.27	53.40	02-Jan-09 0...	11-Jan-13 ...								
1.5.2.1.1 FORWARD CHAMBERS		546.40	\$1,012,410.16	\$969,127.16	\$5,123.77	\$1,986,661.08	37.80	02-Jan-09 0...	31-Dec-12 ...								
15211005	Proc Chamb Frames (G10) (FWD Chambers)	0.00	\$0.00	\$148,009.65	\$0.00	\$148,009.65	60.20	05-Jan-10 0...	16-Jul-10 1...								
15211009E	FY09 Travel (FWD Chambers)	0.00	\$0.00	\$0.00	\$982.69	\$982.69	37.80	02-Jan-09 0...	30-Sep-09 ...								
15211010E	FY10 Travel (FWD Chambers)	0.00	\$0.00	\$0.00	\$1,289.49	\$1,289.49	37.80	01-Oct-09 0...	30-Sep-10 ...								
15211011E	FY11 Travel (FWD Chambers)	0.00	\$0.00	\$0.00	\$1,289.49	\$1,289.49	37.80	01-Oct-10 0...	30-Sep-11 ...								
15211012E	FY12 Travel (FWD Chambers)	0.00	\$0.00	\$0.00	\$1,290.56	\$1,290.56	37.80	03-Oct-11 0...	28-Sep-12 ...								
15211013E	FY13 Travel (FWD Chambers)	0.00	\$0.00	\$0.00	\$271.53	\$271.53	37.80	01-Oct-12 0...	31-Dec-12 ...								
15211015	Proc PC Boards (G10) (FWD Chambers)	0.00	\$0.00	\$94,768.77	\$0.00	\$94,768.77	53.90	05-Jan-10 0...	09-Jul-10 1...								
15211020	Proc PC Boards (Flex) (FWD Chambers)	0.00	\$0.00	\$130,972.57	\$0.00	\$130,972.57	23.50	05-Jan-10 0...	09-Jul-10 1...								
15211022	Procurement of Rigid Flex Assemblies (FWD Chambers)	0.00	\$0.00	\$28,893.20	\$0.00	\$28,893.20	94.60	05-Jan-10 0...	28-Apr-10 ...								
15211025	Proc Wire (Field, sense) (FWD Chambers)	0.00	\$0.00	\$13,842.63	\$0.00	\$13,842.63	53.80	05-Jan-10 0...	09-Jul-10 1...								
15211030	Proc On-Chamb Electric's (capacitors, resistors) (FWD Chambers)	0.00	\$0.00	\$30,879.71	\$0.00	\$30,879.71	53.80	05-Jan-10 0...	09-Jul-10 1...								
15211035	Proc Chamb Preamps (ASIC Dsgn) (FWD Chambers)	0.00	\$0.00	\$125,648.48	\$0.00	\$125,648.48	34.50	25-Jun-10 0...	06-Jan-11 ...								
15211050	Proc Cables,Connectors (HV, LV, Signal, Gas) (FWD Chambers)	0.00	\$0.00	\$80,926.14	\$0.00	\$80,926.14	34.30	05-Jan-11 0...	11-Jul-11 1...								
15211060	Proc Cooling Sys (FWD Chambers)	0.00	\$0.00	\$23,425.99	\$0.00	\$23,425.99	42.30	05-Jan-11 0...	11-Jul-11 1...								
15211065	Proc Pulsar Sys (FWD Chambers)	0.00	\$0.00	\$44,722.34	\$0.00	\$44,722.34	42.30	05-Jan-11 0...	11-Jul-11 1...								
15211070	Proc Gas Connections (FWD Chambers)	0.00	\$0.00	\$53,240.88	\$0.00	\$53,240.88	38.30	05-Jan-11 0...	11-Jul-11 1...								
15211075	Proc Supprt Frame (FWD Chambers)	0.00	\$0.00	\$61,759.42	\$0.00	\$61,759.42	91.90	05-Jan-10 0...	09-Jul-10 1...								
15211080	Test PC Boards (G10) (FWD Chambers)	7.30	\$11,729.64	\$0.00	\$0.00	\$11,729.64	53.90	12-Jul-10 0...	31-Aug-10 ...								
15211085	Test PC Boards (Flex) (FWD Chambers)	14.70	\$23,619.96	\$0.00	\$0.00	\$23,619.96	23.50	12-Jul-10 0...	22-Oct-10 ...								
15211090	Test Wire (Field, sense) (FWD Chambers)	14.70	\$23,619.96	\$0.00	\$0.00	\$23,619.96	53.80	12-Jul-10 0...	22-Oct-10 ...								
15211094	QA Preamp Daughter Board (FWD Chambers)	22.00	\$35,349.60	\$0.00	\$0.00	\$35,349.60	34.50	07-Jan-11 0...	14-Jun-11 ...								
15211095	Test Electric's (FWD Chambers)	58.70	\$94,319.16	\$0.00	\$0.00	\$94,319.16	34.50	08-Aug-11 0...	19-Mar-12 ...								
15211100	Fab Setup (FWD Chambers)	44.00	\$91,748.80	\$0.00	\$0.00	\$91,748.80	42.20	05-Jan-10 0...	10-Jun-10 ...								
15211105	Chamb Frames Prep (FWD Chambers)	7.30	\$11,811.40	\$0.00	\$0.00	\$11,811.40	60.20	19-Jul-10 0...	08-Sep-10 ...								
15211116	Proc LV System (FWD Chambers)	0.00	\$0.00	\$25,555.62	\$0.00	\$25,555.62	78.30	01-Oct-10 0...	17-Mar-11 ...								
15211120	Stretching Flex Boards (FWD Chambers)	4.40	\$7,119.20	\$0.00	\$0.00	\$7,119.20	23.50	22-Oct-10 1...	23-Nov-10 ...								
15211125	Sandwich Lamination (FWD Chambers)	39.60	\$82,930.32	\$0.00	\$0.00	\$82,930.32	23.50	10-May-11 ...	30-Sep-11 ...								
15211126	Measure Cathode Surface Thickness (FWD Chambers)	44.00	\$71,192.00	\$0.00	\$0.00	\$71,192.00	23.50	23-Nov-10 1...	10-May-11 ...								
15211130	Mount Cathode Preamps (FWD Chambers)	7.40	\$11,890.32	\$0.00	\$0.00	\$11,890.32	23.50	30-Sep-11 1...	21-Nov-11 ...								
15211135	Mount Signal Connectors (FWD Chambers)	7.40	\$11,890.32	\$0.00	\$0.00	\$11,890.32	23.50	30-Sep-11 1...	21-Nov-11 ...								
15211140	G10 PC Board Prep (FWD Chambers)	7.30	\$11,811.40	\$0.00	\$0.00	\$11,811.40	53.90	31-Aug-10 1...	21-Oct-10 ...								
15211145	Stringing (FWD Chambers)	0.00	\$0.00	\$106,481.76	\$0.00	\$106,481.76	44.90	05-Jan-11 0...	09-Mar-11 ...								
15211150	Mount Wire Preamps (FWD Chambers)	7.40	\$11,890.32	\$0.00	\$0.00	\$11,890.32	34.50	15-Jun-11 0...	05-Aug-11 ...								
15211155	Mount on-Chamb Electric's (FWD Chambers)	14.80	\$23,780.64	\$0.00	\$0.00	\$23,780.64	53.80	12-Jul-10 0...	22-Oct-10 ...								
15211160	Mount Connectors (FWD Chambers)	14.80	\$23,780.64	\$0.00	\$0.00	\$23,780.64	44.90	09-Mar-11 1...	21-Jun-11 ...								
15211163	Manufacture All Cables & QA (FWD Chambers)	44.00	\$70,945.60	\$0.00	\$0.00	\$70,945.60	34.30	12-Jul-11 0...	15-Dec-11 ...								
15211164	Construct/ Test Gas System (FWD Chambers)	56.00	\$116,771.20	\$0.00	\$0.00	\$116,771.20	38.30	12-Jul-11 0...	06-Feb-12 ...								
15211165	Mount Gas Connections (FWD Chambers)	2.00	\$3,236.00	\$0.00	\$0.00	\$3,236.00	40.30	12-Jul-11 0...	25-Jul-11 1...								
15211175	Package Assy (FWD Chambers)	58.80	\$123,138.96	\$0.00	\$0.00	\$123,138.96	23.50	22-Nov-11 0...	07-May-12...								
15211185	HV & Resistance (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	08-May-12 ...	21-May-12...								
15211190	Conditioning with Final Gas (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	22-May-12 ...	06-Jun-12 ...								
15211195	HV Stability with Final HV (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	21-Jun-12 0...	04-Jul-12 1...								
15211200	Plateau (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	07-Jun-12 0...	20-Jun-12 ...								
15211205	Noise Levels with Final LV (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	21-Jun-12 0...	04-Jul-12 1...								
15211210	Resolution Studies (FWD Chambers)	12.20	\$31,358.88	\$0.00	\$0.00	\$31,358.88	23.50	05-Jul-12 0...	01-Oct-12 ...								
15211215	Cross-talk with pulser (FWD Chambers)	2.00	\$5,140.80	\$0.00	\$0.00	\$5,140.80	23.50	01-Oct-12 1...	15-Oct-12 ...								
15211220	Wire deadening Schemes (FWD Chambers)	15.00	\$38,286.00	\$0.00	\$0.00	\$38,286.00	44.90	09-Mar-11 1...	21-Jun-11 ...								
15211230	Alignment Procedures (FWD Chambers)	1.00	\$1,618.00	\$0.00	\$0.00	\$1,618.00	44.80	08-May-12 ...	14-May-12...								

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
15211249	Construct/Install/Test HV Sys (FWD Chambers)	14.80	\$23,863.52	\$0.00	\$0.00	\$23,863.52	34.30	16-Dec-11 0...	21-Feb-12 ...								
15211250	Construct/Install/Test LV Sys ((FWD Chambers)	14.80	\$23,863.52	\$0.00	\$0.00	\$23,863.52	78.30	18-Mar-11 0...	12-May-11 ...								
1.5.2.1.2 CENTRAL CHAMBERS		1057.30	\$666,242.32	\$683,623.56	\$5,123.77	\$1,354,989.64	21.20	02-Jan-09 0...	11-Jan-13 ...								
15212005	Proc Straws (CENT CHAMB)	0.00	\$0.00	\$67,083.51	\$0.00	\$67,083.51	45.80	05-Jan-09 0...	07-Apr-09 ...								
15212009E	FY09 Travel (CENT CHAMB)	0.00	\$0.00	\$0.00	\$982.69	\$982.69	22.80	02-Jan-09 0...	30-Sep-09 ...								
15212010	Proc Wire (CENT CHAMB)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	73.60	05-Jan-09 0...	09-Jul-09 1...								
15212010E	FY10 Travel (CENT CHAMB)	0.00	\$0.00	\$0.00	\$1,289.49	\$1,289.49	22.80	01-Oct-09 0...	30-Sep-10 ...								
15212011E	FY11 Travel (CENT CHAMB)	0.00	\$0.00	\$0.00	\$1,289.49	\$1,289.49	22.80	01-Oct-10 0...	30-Sep-11 ...								
15212012E	FY12 Travel (CENT CHAMB)	0.00	\$0.00	\$0.00	\$1,290.56	\$1,290.56	22.80	03-Oct-11 0...	28-Sep-12 ...								
15212013E	FY13 Travel (CENT CHAMB)	0.00	\$0.00	\$0.00	\$271.53	\$271.53	22.80	01-Oct-12 0...	31-Dec-12 ...								
15212015	Proc Feedthroughs (CENT CHAMB)	0.00	\$0.00	\$108,611.40	\$0.00	\$108,611.40	47.60	05-Jan-09 0...	09-Jul-09 1...								
15212020	Proc Crimp pins (CENT CHAMB)	0.00	\$0.00	\$15,972.26	\$0.00	\$15,972.26	49.80	05-Jan-09 0...	09-Jul-09 1...								
15212025	Proc HV Cables (CENT CHAMB)	0.00	\$0.00	\$11,872.72	\$0.00	\$11,872.72	55.40	05-Jan-10 0...	09-Jul-10 1...								
15212030	Proc Signal Cables (CENT CHAMB)	0.00	\$0.00	\$32,061.66	\$0.00	\$32,061.66	55.40	05-Jan-10 0...	09-Jul-10 1...								
15212035	Proc Gas Connectors (CENT CHAMB)	0.00	\$0.00	\$69,213.14	\$0.00	\$69,213.14	55.40	05-Jan-10 0...	07-Apr-10 ...								
15212040	Proc endplates (CENT CHAMB)	0.00	\$0.00	\$63,889.06	\$0.00	\$63,889.06	21.20	05-Jan-09 0...	10-Sep-09 ...								
15212045	Proc Supprt Frame (CENT CHAMB)	0.00	\$0.00	\$79,861.32	\$0.00	\$79,861.32	34.00	05-Jan-09 0...	09-Jul-09 1...								
15212050	Proc Stand-offs (CENT CHAMB)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	43.00	05-Jan-09 0...	05-May-09 ...								
15212055	Proc Carbon Fiber shell (Outer surface) (CENT CHAMB)	0.00	\$0.00	\$3,194.45	\$0.00	\$3,194.45	35.80	05-Jan-11 0...	11-Jul-11 1...								
15212060	Proc Fiber Glass shell (inner surface) (CENT CHAMB)	0.00	\$0.00	\$532.41	\$0.00	\$532.41	35.80	05-Jan-11 0...	11-Jul-11 1...								
15212065	Proc Lucite (Gas plenum) (CENT CHAMB)	0.00	\$0.00	\$2,342.60	\$0.00	\$2,342.60	37.80	05-Jan-11 0...	11-Jul-11 1...								
15212070	Proc Epoxy (CENT CHAMB)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	34.00	05-Jan-09 0...	09-Jul-09 1...								
15212080	Proc Preamps (CENT CHAMB)	0.00	\$0.00	\$67,083.51	\$0.00	\$67,083.51	37.40	05-Jan-10 0...	13-Sep-10 ...								
15212085	Proc Calibration Sys (CENT CHAMB)	0.00	\$0.00	\$93,703.95	\$0.00	\$93,703.95	48.80	05-Jan-11 0...	13-Sep-11 ...								
15212086	Proc LV Cables (CENT CHAMB)	0.00	\$0.00	\$17,207.45	\$0.00	\$17,207.45	52.80	05-Jan-11 0...	10-Jun-11 ...								
15212087	Alignment CC (CENT CHAMB)	0.00	\$0.00	\$6,388.91	\$0.00	\$6,388.91	52.60	03-Feb-12 0...	02-Mar-12 ...								
15212088	Proc & Install Rail Bearings (CENT CHAMB)	0.00	\$0.00	\$2,129.64	\$0.00	\$2,129.64	61.80	05-Jan-11 0...	02-Feb-11 ...								
15212089	Proc HV Distribution Boards (CENT CHAMB)	0.00	\$0.00	\$5,036.59	\$0.00	\$5,036.59	64.80	05-Jan-11 0...	17-Mar-11 ...								
15212090	Test Straws (CENT CHAMB)	20.00	\$0.00	\$0.00	\$0.00	\$0.00	45.80	08-Apr-09 0...	22-Apr-09 ...								
15212095	Check Wire Quality (CENT CHAMB)	17.00	\$34,775.20	\$0.00	\$0.00	\$34,775.20	73.60	10-Jul-09 0...	10-Aug-09 ...								
15212100	Check Feedthroughs (CENT CHAMB)	20.00	\$0.00	\$0.00	\$0.00	\$0.00	47.60	10-Jul-09 0...	10-Aug-09 ...								
15212105	Check Crimp pins (CENT CHAMB)	20.00	\$0.00	\$0.00	\$0.00	\$0.00	49.80	10-Jul-09 0...	24-Jul-09 1...								
15212110	Check endplates (CENT CHAMB)	20.00	\$40,912.00	\$0.00	\$0.00	\$40,912.00	21.20	11-Sep-09 0...	24-Sep-09 ...								
15212115	Test On-Chamb Electrc's (CENT CHAMB)	79.00	\$113,097.60	\$0.00	\$0.00	\$113,097.60	37.40	14-Sep-10 0...	15-Nov-10 ...								
15212120	Clean endplates & Comprts (CENT CHAMB)	10.00	\$3,884.00	\$0.00	\$0.00	\$3,884.00	21.20	25-Sep-09 0...	08-Oct-09 ...								
15212125	Constrctn Setup (CENT CHAMB)	40.00	\$58,816.00	\$0.00	\$0.00	\$58,816.00	21.20	09-Oct-09 0...	20-Jan-10 ...								
15212130	Cut All Straws to length (CENT CHAMB)	40.00	\$48,680.00	\$0.00	\$0.00	\$48,680.00	21.20	16-Oct-09 0...	25-Feb-10 ...								
15212135	Insert Straws into Frame (CENT CHAMB)	70.00	\$60,332.00	\$0.00	\$0.00	\$60,332.00	21.20	26-Feb-10 0...	30-Aug-10 ...								
15212140	Chamb Stringing (CENT CHAMB)	170.00	\$99,172.00	\$0.00	\$0.00	\$99,172.00	21.20	31-Aug-10 0...	15-Mar-11 ...								
15212145	Gas Sys Installtn (CENT CHAMB)	70.00	\$7,768.00	\$0.00	\$0.00	\$7,768.00	21.20	10-Dec-10 0...	22-Mar-11 ...								
15212150	Electrc's Installtn (CENT CHAMB)	77.00	\$81,052.80	\$0.00	\$0.00	\$81,052.80	21.20	23-Mar-11 0...	23-Sep-11 ...								
15212155	Mount Signal Connectors (CENT CHAMB)	10.00	\$3,884.00	\$0.00	\$0.00	\$3,884.00	21.20	26-Sep-11 0...	21-Oct-11 ...								
15212160	Attach shell (CENT CHAMB)	20.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	24-Oct-11 0...	04-Nov-11 ...								
15212165	Comp Gas Sys (CENT CHAMB)	50.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	07-Nov-11 0...	18-Nov-11 ...								
15212170	Mech Tests (CENT CHAMB)	40.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	21-Nov-11 0...	02-Feb-12 ...								
15212175	HV Tests (CENT CHAMB)	40.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	03-Feb-12 0...	06-Apr-12 ...								
15212180	Signal Tests (CENT CHAMB)	40.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	09-Apr-12 0...	10-Jul-12 1...								
15212185	Resolution Studies (CENT CHAMB)	84.30	\$113,868.72	\$0.00	\$0.00	\$113,868.72	21.20	11-Jul-12 0...	12-Sep-12 ...								
15212190	Cross talk Studies (CENT CHAMB)	40.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	13-Sep-12 0...	12-Oct-12 ...								
15212195	Magnetic Field Tests (CENT CHAMB)	40.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	15-Oct-12 0...	13-Nov-12 ...								
15212200	Shipping (CENT CHAMB)	40.00	\$0.00	\$5,494.46	\$0.00	\$5,494.46	21.20	14-Nov-12 0...	11-Jan-13 ...								
1.5.2.1.3 START COUNTERS		176.00	\$0.00	\$22,531.54	\$0.00	\$22,531.54	95.40	03-Oct-11 0...	08-Mar-12 ...								
15213005	Fabricate Start Counter (START COUNTERS)	176.00	\$0.00	\$22,531.54	\$0.00	\$22,531.54	95.40	03-Oct-11 0...	08-Mar-12 ...								
1.5.2.2 CALORIMETRY		1417.00	\$742,605.20	\$6,991,366.58	\$29,509.28	\$7,763,481.06	34.30	01-Dec-08 0...	29-Jul-13 1...								
1.5.2.2.1 BARREL CALORIMETER		975.00	\$474,394.40	\$5,742,247.15	\$26,995.77	\$6,243,637.32	63.20	01-Dec-08 0...	31-Dec-12 ...								
15221009E	FY09 Travel (BarCal)	0.00	\$0.00	\$0.00	\$5,625.95	\$5,625.95	63.20	02-Jan-09 0...	30-Sep-09 ...								
15221010	Proc SciFi Mods 01-06 (BarCal) P-1	0.00	\$0.00	\$415,776.00	\$0.00	\$415,776.00	19.00	01-Dec-08 0...	29-May-09...								

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
15221260	Machining Mods 13-18 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	52.60	12-Nov-10 0...	17-Mar-11 ...	Machining Mods 13-18 (BarCal)											
15221265	Testing Mods 13-18 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	36.20	19-Apr-11 0...	10-Aug-11 ...	Testing Mods 13-18 (BarCal)											
15221270	Shipping Mods 13-18 (BarCal)	0.00	\$0.00	\$4,184.73	\$0.00	\$4,184.73	30.00	03-Oct-11 0...	02-Feb-12 ...	Shipping Mods 13-18 (BarCal)											
15221275	Scifi Sorting & Bundling Mods 19-24 (BarCal)	2.00	\$776.80	\$0.00	\$0.00	\$776.80	36.20	01-Jun-11 0...	24-Aug-11 ...	Scifi Sorting & Bundling Mods 19-24 (BarCal)											
15221280	Lead Cutting & Swaging Mods 19-24 (BarCal)	36.00	\$13,982.40	\$0.00	\$0.00	\$13,982.40	71.80	09-Sep-10 0...	03-Dec-10 ...	Lead Cutting & Swaging Mods 19-24 (BarCal)											
15221285	Fab Mods 19-24 (BarCal)	48.00	\$18,643.20	\$0.00	\$0.00	\$18,643.20	36.20	15-Jun-11 0...	06-Oct-11 ...	Fab Mods 19-24 (BarCal)											
15221290	Machining Mods 19-24 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	25.00	03-Oct-11 0...	02-Feb-12 ...	Machining Mods 19-24 (BarCal)											
15221295	Testing Mods 19-24 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	25.00	31-Oct-11 0...	02-Mar-12 ...	Testing Mods 19-24 (BarCal)											
15221300	Shipping Mods 19-24 (BarCal)	0.00	\$0.00	\$4,174.09	\$0.00	\$4,174.09	25.00	07-Nov-11 0...	09-Mar-12 ...	Shipping Mods 19-24 (BarCal)											
15221305	Scifi Sorting & Bundling Mods 25-30 (BarCal)	2.00	\$776.80	\$0.00	\$0.00	\$776.80	70.20	01-Oct-09 0...	04-Jan-10 ...	Scifi Sorting & Bundling Mods 25-30 (BarCal)											
15221310	Lead Cutting & Swaging Mods 25-30 (BarCal)	36.00	\$13,982.40	\$0.00	\$0.00	\$13,982.40	83.80	25-Jun-09 0...	18-Sep-09 ...	Lead Cutting & Swaging Mods 25-30 (BarCal)											
15221315	Fab Module 25-30 (BarCal)	48.00	\$18,643.20	\$0.00	\$0.00	\$18,643.20	70.20	15-Oct-09 0...	17-Feb-10 ...	Fab Module 25-30 (BarCal)											
15221320	Machining Module 25-30 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	70.20	12-Nov-09 0...	17-Mar-10 ...	Machining Module 25-30 (BarCal)											
15221325	Testing Mods 25-30 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	44.20	25-Jun-10 0...	18-Oct-10 ...	Testing Mods 25-30 (BarCal)											
15221330	Shipping Mods 25-30 (BarCal)	0.00	\$0.00	\$4,184.73	\$0.00	\$4,184.73	92.20	02-Jul-10 0...	25-Oct-10 ...	Shipping Mods 25-30 (BarCal)											
15221335	Scifi Sorting & Bundling Mods 31-36 (BarCal)	2.00	\$776.80	\$0.00	\$0.00	\$776.80	53.80	01-Jun-10 0...	24-Aug-10 ...	Scifi Sorting & Bundling Mods 31-36 (BarCal)											
15221340	Lead Cutting & Swaging Mods 31-36 (BarCal)	36.00	\$13,982.40	\$0.00	\$0.00	\$13,982.40	85.80	05-Oct-09 0...	06-Jan-10 ...	Lead Cutting & Swaging Mods 31-36 (BarCal)											
15221345	Fab Module 31-36 (BarCal)	48.00	\$18,643.20	\$0.00	\$0.00	\$18,643.20	53.80	15-Jun-10 0...	06-Oct-10 ...	Fab Module 31-36 (BarCal)											
15221350	Machining Module 31-36 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	53.80	14-Jul-10 0...	03-Nov-10 ...	Machining Module 31-36 (BarCal)											
15221355	Testing Mods 31-36 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	44.20	19-Oct-10 0...	18-Feb-11 ...	Testing Mods 31-36 (BarCal)											
15221360	Shipping Mods 31-36 (BarCal)	0.00	\$0.00	\$4,184.73	\$0.00	\$4,184.73	76.20	26-Oct-10 0...	28-Feb-11 ...	Shipping Mods 31-36 (BarCal)											
15221365	Scifi Sorting & Bundling Mods 37-42 (BarCal)	2.00	\$776.80	\$0.00	\$0.00	\$776.80	37.00	01-Feb-11 0...	26-Apr-11 ...	Scifi Sorting & Bundling Mods 37-42 (BarCal)											
15221370	Lead Cutting & Swaging Mods 37-42 (BarCal)	36.00	\$13,982.40	\$0.00	\$0.00	\$13,982.40	67.80	15-Jun-10 0...	08-Sep-10 ...	Lead Cutting & Swaging Mods 37-42 (BarCal)											
15221375	Fab Module 37-42 (BarCal)	48.00	\$18,643.20	\$0.00	\$0.00	\$18,643.20	37.00	15-Feb-11 0...	08-Jun-11 ...	Fab Module 37-42 (BarCal)											
15221380	Machining Module 37-42 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	9.00	03-Oct-11 0...	02-Feb-12 ...	Machining Module 37-42 (BarCal)											
15221385	Testing Mods 37-42 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	9.00	31-Oct-11 0...	02-Mar-12 ...	Testing Mods 37-42 (BarCal)											
15221390	Shipping Mods 37-42 (BarCal)	0.00	\$0.00	\$4,184.73	\$0.00	\$4,184.73	25.00	07-Nov-11 0...	09-Mar-12 ...	Shipping Mods 37-42 (BarCal)											
15221395	Scifi Sorting & Bundling Mods 43-48 (BarCal)	2.00	\$776.80	\$0.00	\$0.00	\$776.80	19.00	03-Oct-11 0...	04-Jan-12 ...	Scifi Sorting & Bundling Mods 43-48 (BarCal)											
15221400	Lead Cutting & Swaging Mods 43-48 (BarCal)	36.00	\$13,982.40	\$0.00	\$0.00	\$13,982.40	59.80	06-Dec-10 0...	09-Mar-11 ...	Lead Cutting & Swaging Mods 43-48 (BarCal)											
15221405	Fab Module 43-48 (BarCal)	48.00	\$18,643.20	\$0.00	\$0.00	\$18,643.20	19.00	17-Oct-11 0...	16-Feb-12 ...	Fab Module 43-48 (BarCal)											
15221410	Machining Module 43-48 (BarCal)	0.00	\$0.00	\$19,166.72	\$0.00	\$19,166.72	19.00	14-Nov-11 0...	16-Mar-12 ...	Machining Module 43-48 (BarCal)											
15221415	Testing Mods 43-48 (BarCal)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	9.00	05-Mar-12 0...	26-Jun-12 ...	Testing Mods 43-48 (BarCal)											
15221420	Shipping Mods 43-48 (BarCal)	0.00	\$0.00	\$4,184.73	\$0.00	\$4,184.73	9.00	12-Mar-12 0...	03-Jul-12 1...	Shipping Mods 43-48 (BarCal)											
15221425M	All Barrel Cal Mods Comptd & Shipped	0.00	\$0.00	\$0.00	\$0.00	\$0.00	9.00	03-Jul-12 1...	03-Jul-12 1...	All Barrel Cal Mods Comptd & Shipped											
1.5.2.2 FORWARD CALORIMETER		442.00	\$268,210.80	\$1,249,119.43	\$2,513.51	\$1,519,843.74	0.30	02-Jan-09 0...	29-Jul-13 1...	29-Jul-13 12:00: 1.5.2.2 FORWA											
15222009E	FY09 Travel (FWD CAL)	0.00	\$0.00	\$0.00	\$646.88	\$646.88	44.70	02-Jan-09 0...	30-Sep-09 ...	FY09 Travel (FWD CAL)											
15222010E	FY10 Travel (FWD CAL)	0.00	\$0.00	\$0.00	\$848.66	\$848.66	44.70	01-Oct-09 0...	30-Sep-10 ...	FY10 Travel (FWD CAL)											
15222011E	FY11 Travel (FWD CAL)	0.00	\$0.00	\$0.00	\$847.59	\$847.59	44.70	01-Oct-10 0...	30-Sep-11 ...	FY11 Travel (FWD CAL)											
15222012E	FY12 Travel (FWD CAL)	0.00	\$0.00	\$0.00	\$170.37	\$170.37	44.70	03-Oct-11 0...	30-Dec-11 ...	FY12 Travel (FWD CAL)											
15222015	Proc Replacement PMTs (FWD CAL)	0.00	\$0.00	\$85,185.41	\$0.00	\$85,185.41	110.90	01-Jul-09 0...	12-Jan-10 ...	Proc Replacement PMTs (FWD CAL)											
15222020	Proc Cockroft Walton Parts (FWD CAL)	0.00	\$0.00	\$668,652.22	\$0.00	\$668,652.22	0.30	01-Dec-10 0...	13-May-11...	Proc Cockroft Walton Parts (FWD CAL)											
15222025	Setup Divider Constrctn (FWD CAL)	22.00	\$56,522.40	\$0.00	\$0.00	\$56,522.40	36.10	01-Oct-09 0...	17-Mar-10 ...	Setup Divider Constrctn (FWD CAL)											
15222030	Fab & Test Dividers (FWD CAL)	100.00	\$59,870.00	\$0.00	\$0.00	\$59,870.00	0.30	16-May-11 ...	04-Apr-12 ...	Fab & Test Dividers (FWD CAL)											
15222035	Fab Light Guides (FWD CAL)	22.00	\$0.00	\$27,152.85	\$0.00	\$27,152.85	98.00	01-Oct-09 0...	15-Apr-10 ...	Fab Light Guides (FWD CAL)											
15222045	Setup Procedure & Glue LG to PMT's (FWD CAL)	32.00	\$14,072.00	\$0.00	\$0.00	\$14,072.00	98.00	12-Nov-09 1...	15-Apr-10 ...	Setup Procedure & Glue LG to PMT's (FWD CAL)											
15222050	Proc Magnetic Shields (FWD CAL)	0.00	\$0.00	\$59,629.79	\$0.00	\$59,629.79	119.10	01-Oct-09 0...	04-Nov-09 ...	Proc Magnetic Shields (FWD CAL)											
15222055	Proc Signal Cables (FWD CAL)	2.00	\$0.00	\$6,388.91	\$0.00	\$6,388.91	73.40	05-Jan-12 0...	09-Feb-12 ...	Proc Signal Cables (FWD CAL)											
15222060	Fab Supprt Struct (FWD CAL)	0.00	\$0.00	\$106,481.76	\$0.00	\$106,481.76	5.90	03-Oct-11 0...	13-Apr-12 ...	Fab Supprt Struct (FWD CAL)											
15222065	Assemble Supprt Struct (FWD CAL)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	5.90	16-Apr-12 0...	25-May-12...	Assemble Supprt Struct (FWD CAL)											
15222070	Fab Support Straps (FWD CAL)	44.00	\$0.00	\$185,952.29	\$0.00	\$185,952.29	94.10	01-Oct-09 0...	12-May-10...	Fab Support Straps (FWD CAL)											
15222080	Fab Monitoring Sys (FWD CAL)	44.00	\$30,958.40	\$29,814.89	\$0.00	\$60,773.29	80.10	01-Oct-09 0...	20-Aug-10 ...	Fab Monitoring Sys (FWD CAL)											
15222090	Shipping (FWD CAL)	0.00	\$0.00	\$63,889.06	\$0.00	\$63,889.06	0.30	09-Jul-12 0...	20-Jul-12 1...	Shipping (FWD CAL)											
15222095	Supplies for Assy (FWD CAL)	0.00	\$0.00	\$15,972.26	\$0.00	\$15,972.26	70.50	01-Oct-10 0...	28-Oct-10 ...	Supplies for Assy (FWD CAL)											
15222100	Stacking of Blocks (FWD CAL)	88.00	\$71,192.00	\$0.00	\$0.00	\$71,192.00	0.30	23-Jul-12 0...	29-Jul-13 1...	Stacking of Blocks (FWD CAL)											
15222105	Assy of Single Channel FCal Detector (FWD CAL)	66.00	\$35,596.00	\$0.00	\$0.00	\$35,596.00	0.30	05-Apr-12 0...	06-Jul-12 1...	Assy of Single Channel FCal Detector (FWD CAL)											
1.5.2.3 PARTICLE ID		363.00	\$314,309.60	\$303,629.54	\$3,620.38	\$621,559.52	28.00	04-Jan-10 0...	29-Mar-13 ...	29-Mar-13 16:00: 1.5.2.3 PARTICLE ID											
1.5.2.3.1 TIME OF FLIGHT		363.00	\$314,309.60	\$303,629.54	\$3,620.38	\$621,559.52	28.00	01-Oct-10 0...	29-Mar-13 ...	29-Mar-13 16:00: 1.5.2.3.1 TIME OF FLI											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
15231005	Proc Scintillator (TOF)	0.00	\$0.00	\$33,435.27	\$0.00	\$33,435.27	29.20	02-Nov-11 0...	01-May-12...	Proc Scintillator (TOF)											
15231010	Proc Light Guides (TOF)	0.00	\$0.00	\$8,944.47	\$0.00	\$8,944.47	37.20	02-Nov-11 0...	06-Mar-12 ...	Proc Light Guides (TOF)											
15231011E	FY11 Travel (TOF)	0.00	\$0.00	\$0.00	\$1,508.85	\$1,508.85	28.00	01-Oct-10 0...	30-Sep-11 ...	FY11: Travel (TOF)											
15231012E	FY12 Travel (TOF)	0.00	\$0.00	\$0.00	\$1,508.85	\$1,508.85	28.00	03-Oct-11 0...	28-Sep-12 ...	FY12: Travel (TOF)											
15231013E	FY13 Travel (TOF)	0.00	\$0.00	\$0.00	\$602.69	\$602.69	28.00	01-Oct-12 0...	29-Mar-13 ...	FY13: Travel (TOF)											
15231015	Proc Supplies (TOF)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	62.20	02-Nov-11 0...	01-Dec-11 ...	Proc Supplies (TOF)											
15231020	Proc PMTs (TOF)	0.00	\$0.00	\$146,167.51	\$0.00	\$146,167.51	28.60	03-Oct-11 0...	13-Apr-12 ...	Proc PMTs (TOF)											
15231025	Proc Dividers (TOF)	0.00	\$0.00	\$28,563.73	\$0.00	\$28,563.73	31.60	03-Oct-11 0...	13-Apr-12 ...	Proc Dividers (TOF)											
15231030	Proc Magnetic Shields (TOF)	0.00	\$0.00	\$10,017.80	\$0.00	\$10,017.80	40.20	02-Nov-11 0...	15-May-12...	Proc Magnetic Shields (TOF)											
15231035	Proc HV Cables (TOF)	0.00	\$0.00	\$11,563.92	\$0.00	\$11,563.92	46.20	02-Nov-11 0...	03-Apr-12 ...	Proc HV Cables (TOF)											
15231040	Proc Signal Cables (TOF)	0.00	\$0.00	\$13,389.02	\$0.00	\$13,389.02	46.20	02-Nov-11 0...	03-Apr-12 ...	Proc Signal Cables (TOF)											
15231045	Proc Supprt Struct (TOF)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	42.20	02-Nov-11 0...	01-May-12...	Proc Supprt Struct (TOF)											
15231050	Proc Calibration Sys (TOF)	0.00	\$0.00	\$14,279.20	\$0.00	\$14,279.20	51.60	05-Jan-12 0...	25-May-12...	Proc Calibration Sys (TOF)											
15231055	Test Scintillator (TOF)	48.00	\$17,089.60	\$0.00	\$0.00	\$17,089.60	29.20	02-May-12 ...	02-Aug-12 ...	Test Scintillator (TOF)											
15231060	Test Light Guides (TOF)	24.00	\$8,544.80	\$0.00	\$0.00	\$8,544.80	37.20	07-Mar-12 0...	07-Jun-12 ...	Test Light Guides (TOF)											
15231065	Test PMTs (TOF)	24.00	\$8,544.80	\$0.00	\$0.00	\$8,544.80	28.60	16-Apr-12 0...	07-Aug-12 ...	Test PMTs (TOF)											
15231070	Test Dividers (TOF)	24.00	\$8,544.80	\$0.00	\$0.00	\$8,544.80	31.60	16-Apr-12 0...	17-Jul-12 1...	Test Dividers (TOF)											
15231075	Test Calibration Sys (TOF)	44.00	\$113,097.60	\$0.00	\$0.00	\$113,097.60	51.60	29-May-12 ...	28-Aug-12 ...	Test Calibration Sys (TOF)											
15231080	Counter Assy & Test (TOF)	187.00	\$158,488.00	\$0.00	\$0.00	\$158,488.00	28.60	08-Aug-12 0...	20-Feb-13 ...	Counter Assy & Test (TOF)											
15231090	Shipping (TOF)	12.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	28.60	21-Feb-13 0...	26-Mar-13 ...	Shipping (TOF)											
1.5.2.3.2 CERENKOV COUNTER		0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	▼ 04-Jan-10 16:00; 1.5.2.3.2 CERENKOV COUNTER											
15232005	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232009E	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232010	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232010E	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232011E	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232012E	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232015	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232020	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232025	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232030	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232035	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232040	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232045	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232050	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232055	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232060	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232065	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232070	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232075	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232080	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232085	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232090	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232095	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232100	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232105	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232110	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232115	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
15232120	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	DUMMY											
1.5.3 COMPUTING		3087.00	\$1,972,042.80	\$976,437.75	\$5,430.57	\$2,953,911.12	48.00	01-Oct-09 0...	26-Mar-14 ...	▶ 26-Mar-14 16:00; 1.5.3 COMPUTING											
1.5.3.1 DAQ		200.00	\$432,966.80	\$851,854.09	\$1,810.19	\$1,286,631.08	60.60	01-Oct-10 0...	22-Jan-13 ...	▶ 22-Jan-13 16:00; 1.5.3.1 DAQ											
1531005	Proc Single Board Computing (DAQ)	2.00	\$5,140.80	\$281,111.85	\$0.00	\$286,252.65	38.00	02-Dec-11 0...	19-Oct-12 ...	Proc Single Board Computing (DAQ)											
1531010	Proc Large Network Switch (DAQ)	1.00	\$2,388.40	\$58,564.97	\$0.00	\$60,953.37	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc Large Network Switch (DAQ)											
1531015	Proc Small Network Switch (DAQ)	1.00	\$2,388.40	\$24,490.81	\$0.00	\$26,879.21	68.40	05-Jan-12 0...	16-Mar-12 ...	Proc Small Network Switch (DAQ)											
1531020	Proc EB nodes (DAQ)	2.00	\$4,958.80	\$51,111.25	\$0.00	\$56,070.05	56.40	05-Jan-12 0...	12-Jun-12 ...	Proc EB nodes (DAQ)											
1531025	Proc RAID disks (DAQ)	2.00	\$4,958.80	\$51,111.25	\$0.00	\$56,070.05	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc RAID disks (DAQ)											
1531030	Proc Online Computers (DAQ)	2.00	\$4,958.80	\$94,768.77	\$0.00	\$99,727.57	56.40	05-Jan-12 0...	12-Jun-12 ...	Proc Online Computers (DAQ)											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
1531035	Proc large displays (DAQ)	1.00	\$2,388.40	\$10,648.18	\$0.00	\$13,036.58	74.40	05-Jan-12 0...	02-Feb-12 ...	Proc large displays (DAQ)											
1531040	Proc file servers (DAQ)	2.00	\$4,958.80	\$27,685.26	\$0.00	\$32,644.06	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc file servers (DAQ)											
1531045	Proc Telecom Installation (DAQ)	1.00	\$2,570.40	\$12,777.81	\$0.00	\$15,348.21	56.40	05-Jan-12 0...	12-Jun-12 ...	Proc Telecom Installation (DAQ)											
1531050	Proc terminal servers (DAQ)	1.00	\$2,388.40	\$7,453.72	\$0.00	\$9,842.12	56.40	05-Jan-12 0...	12-Jun-12 ...	Proc terminal servers (DAQ)											
1531055	Proc UPS (DAQ)	3.00	\$7,529.20	\$71,342.78	\$0.00	\$78,871.98	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc UPS (DAQ)											
1531060	Proc Wireless (DAQ)	1.00	\$2,388.40	\$5,324.09	\$0.00	\$7,712.49	74.40	05-Jan-12 0...	02-Feb-12 ...	Proc Wireless (DAQ)											
1531065	Proc Cables (DAQ)	2.00	\$5,140.80	\$17,037.08	\$0.00	\$22,177.88	56.40	05-Jan-12 0...	12-Jun-12 ...	Proc Cables (DAQ)											
1531075	Proc Consoles (DAQ)	1.00	\$2,570.40	\$31,944.53	\$0.00	\$34,514.93	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc Consoles (DAQ)											
1531080	Proc Racks (DAQ)	1.00	\$2,570.40	\$25,555.62	\$0.00	\$28,126.02	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc Racks (DAQ)											
1531085	Proc furniture (DAQ)	2.00	\$5,140.80	\$38,333.43	\$0.00	\$43,474.23	62.40	05-Jan-12 0...	27-Apr-12 ...	Proc furniture (DAQ)											
1531090	Proc Test Setup Equipmnt (DAQ)	2.00	\$5,140.80	\$42,592.70	\$0.00	\$47,733.50	33.00	03-Oct-11 0...	21-Aug-12 ...	Proc Test Setup Equipmnt (DAQ)											
1531095	Install Crates (DAQ)	30.00	\$54,820.80	\$0.00	\$0.00	\$54,820.80	34.60	12-Jul-11 0...	15-Dec-11 ...	Install Crates (DAQ)											
1531100	Install Cabling (DAQ)	33.00	\$62,532.00	\$0.00	\$0.00	\$62,532.00	34.60	16-Dec-11 0...	30-May-12...	Install Cabling (DAQ)											
1531101E	FY11 Travel (DAQ)	0.00	\$0.00	\$0.00	\$829.49	\$829.49	63.40	01-Oct-10 0...	30-Sep-11 ...	FY11 Travel (DAQ)											
15311012E	FY12 Travel (DAQ)	0.00	\$0.00	\$0.00	\$829.49	\$829.49	63.40	03-Oct-11 0...	28-Sep-12 ...	FY12 Travel (DAQ)											
15311013E	FY13 Travel (DAQ)	0.00	\$0.00	\$0.00	\$151.20	\$151.20	63.40	01-Oct-12 0...	31-Dec-12 ...	FY13 Travel (DAQ)											
1531105	Install Trigger Electrc's (DAQ)	22.00	\$45,949.20	\$0.00	\$0.00	\$45,949.20	52.40	30-Apr-12 0...	03-Oct-12 ...	Install Trigger Electrc's (DAQ)											
1531110	Install Readout Electrc's (DAQ)	44.00	\$91,898.40	\$0.00	\$0.00	\$91,898.40	34.60	16-Dec-11 0...	30-May-12...	Install Readout Electrc's (DAQ)											
1531115	Check-out Counting House & Equip (DAQ)	11.00	\$26,818.40	\$0.00	\$0.00	\$26,818.40	34.60	31-May-12 ...	09-Aug-12 ...	Check-out Counting House & Equip (DAQ)											
1531120	Check-out Cabling (DAQ)	11.00	\$26,818.40	\$0.00	\$0.00	\$26,818.40	34.60	31-May-12 ...	09-Aug-12 ...	Check-out Cabling (DAQ)											
1531125	Check-out Trigger Electrc's (DAQ)	11.00	\$28,274.40	\$0.00	\$0.00	\$28,274.40	52.40	04-Oct-12 0...	22-Jan-13 ...	Check-out Trigger Electrc's (DAQ)											
1531130	Check-out Readout Electrc's (DAQ)	11.00	\$28,274.40	\$0.00	\$0.00	\$28,274.40	74.00	31-May-12 ...	07-Sep-12 ...	Check-out Readout Electrc's (DAQ)											
1.5.3.2 ONLINE COMPUTING		764.00	\$1,539,076.00	\$124,583.66	\$3,620.38	\$1,667,280.04	14.00	05-Jan-11 0...	26-Mar-14 ...	26-Mar-14 16:00; 1.5.3.2											
1532005	Proc Trigger Electrc's	4.00	\$10,281.60	\$85,185.41	\$0.00	\$95,467.01	52.40	05-Jan-12 0...	27-Apr-12 ...	Proc Trigger Electrc's											
1532010	Proc L3 Farm infrastructure	4.00	\$9,917.60	\$39,398.25	\$0.00	\$49,315.85	4.00	05-Jan-11 0...	28-Apr-11 ...	Proc L3 Farm infrastructure											
1532011E	FY11 Travel (ONLINE COMP)	0.00	\$0.00	\$0.00	\$362.04	\$362.04	25.60	01-Jul-11 0...	30-Sep-11 ...	FY11 Travel (ONLINE COMP)											
1532012E	FY12 Travel (ONLINE COMP)	0.00	\$0.00	\$0.00	\$1,448.15	\$1,448.15	25.60	03-Oct-11 0...	01-Oct-12 ...	FY12 Travel (ONLINE COMP)											
1532013E	FY13 Travel (ONLINE COMP)	0.00	\$0.00	\$0.00	\$1,448.15	\$1,448.15	25.60	02-Oct-12 0...	30-Sep-13 ...	FY13 Travel (ONLINE COMP)											
1532014E	FY14 Travel (ONLINE COMP)	0.00	\$0.00	\$0.00	\$362.04	\$362.04	25.60	01-Oct-13 0...	31-Dec-13 ...	FY14 Travel (ONLINE COMP)											
1532015	Install L3 Farm infrastructure	8.00	\$19,471.20	\$0.00	\$0.00	\$19,471.20	4.00	29-Apr-11 0...	25-Jul-11 1...	Install L3 Farm infrastructure											
1532020	Plan Trigger Software (IPL)	33.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	20.00	26-Jul-11 0...	14-Jun-12 ...	Plan Trigger Software (IPL)											
1532025	Plan Front-End Software	33.00	\$84,823.20	\$0.00	\$0.00	\$84,823.20	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Front-End Software											
1532030	Plan DAQ Software	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan DAQ Software											
1532035	Plan Monitoring	22.00	\$55,638.80	\$0.00	\$0.00	\$55,638.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Monitoring											
1532040	Plan Alarm Sys	33.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Alarm Sys											
1532045	Plan Archiving	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Archiving											
1532050	Plan Event Display	11.00	\$0.00	\$0.00	\$0.00	\$0.00	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Event Display											
1532055	Plan Storage Mngmnt	22.00	\$53,454.80	\$0.00	\$0.00	\$53,454.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Storage Mngmnt											
1532060	Plan Experiment Controls	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	26-Jul-11 0...	14-Jun-12 ...	Plan Experiment Controls											
1532065	Write Trigger Software	44.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	20.00	15-Jun-12 0...	03-May-13...	Write Trigger Software											
1532070	Write Front-End Software	44.00	\$113,097.60	\$0.00	\$0.00	\$113,097.60	4.00	15-Jun-12 0...	03-May-13...	Write Front-End Software											
1532075	Write DAQ Software (IPL)	33.00	\$84,823.20	\$0.00	\$0.00	\$84,823.20	4.00	15-Jun-12 0...	03-May-13...	Write DAQ Software (IPL)											
1532080	Write Monitoring	55.00	\$84,823.20	\$0.00	\$0.00	\$84,823.20	4.00	15-Jun-12 0...	03-May-13...	Write Monitoring											
1532085	Write Alarm Sys	44.00	\$84,823.20	\$0.00	\$0.00	\$84,823.20	4.00	15-Jun-12 0...	03-May-13...	Write Alarm Sys											
1532090	Write Archiving	22.00	\$52,544.80	\$0.00	\$0.00	\$52,544.80	4.00	15-Jun-12 0...	03-May-13...	Write Archiving											
1532095	Write Event Display	44.00	\$0.00	\$0.00	\$0.00	\$0.00	4.00	15-Jun-12 0...	03-May-13...	Write Event Display											
1532100	Write Storage Mngmnt	22.00	\$52,544.80	\$0.00	\$0.00	\$52,544.80	4.00	15-Jun-12 0...	03-May-13...	Write Storage Mngmnt											
1532105	Write Experiment Control Software	44.00	\$84,823.20	\$0.00	\$0.00	\$84,823.20	4.00	15-Jun-12 0...	03-May-13...	Write Experiment Control Software											
1532109	Check-out Trigger Software	22.00	\$28,274.40	\$0.00	\$0.00	\$28,274.40	65.00	01-Oct-12 0...	02-Jan-13 ...	Check-out Trigger Software											
1532110	Check-out Front-End Software	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Front-End Sof											
1532115	Check-out DAQ Software	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	06-May-13 ...	26-Mar-14 ...	Check-out DAQ Software											
1532120	Check-out Monitoring	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Monitoring											
1532125	Check-out Alarm Sys	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Alarm Sys											
1532130	Check-out Archiving Sys	11.00	\$28,274.40	\$0.00	\$0.00	\$28,274.40	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Archiving Sys											
1532135	Check-out Event Displays	11.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Event Displays											
1532140	Check-out L3 Farm infrastructure	11.00	\$27,000.40	\$0.00	\$0.00	\$27,000.40	92.00	26-Jul-11 0...	14-Jun-12 ...	Check-out L3 Farm Infrastructure											
1532145	Check-out Storage Mngmnt Software	11.00	\$27,000.40	\$0.00	\$0.00	\$27,000.40	4.00	06-May-13 ...	26-Mar-14 ...	Check-out Storage Mngm											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
1532150	Check-out Experiment Control Software	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	4.00	06-May-13 ...	26-Mar-14 ...								
1.5.3 OFFLINE COMPUTING		2123.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	01-Oct-09 0...	14-Mar-14 ...								
1533005	GEANT 4 Simulation (OFFLINE COMP) (6 GeV also)	87.00	\$0.00	\$0.00	\$0.00	\$0.00	57.60	01-Oct-09 0...	20-Aug-10 ...								
1533010	MC Studies for Detector Optimization (OFFLINE COMP) (6 GeV ...)	65.00	\$0.00	\$0.00	\$0.00	\$0.00	57.60	18-Mar-10 0...	20-Oct-11 ...								
1533015	Reconstruction Framework (OFFLINE COMP)MB (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	01-Oct-09 0...	20-Aug-10 ...								
1533020	Integration of Slow Controls (OFFLINE COMP) (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	09-Nov-10 0...	13-Jul-11 1...								
1533025	DAQ to Detctr Transition Table (OFFLINE COMP) (6 GeV also)	44.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	23-Aug-10 0...	13-Jul-11 1...								
1533030	Micro DST Writer (OFFLINE COMP) (6 GeV also)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	91.60	14-Jul-11 0...	19-Dec-11 ...								
1533035	CDC Reconstruction (OFFLINE COMP) (6 GeV also)	32.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	23-Aug-10 0...	25-Apr-11 ...								
1533040	FDC Reconstruction (OFFLINE COMP) (6 GeV also)	32.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	23-Aug-10 0...	25-Apr-11 ...								
1533045	Track Finding (OFFLINE COMP) (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	26-Apr-11 0...	20-Aug-12 ...								
1533050	Track Fitting (OFFLINE COMP) (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	08-Jun-11 0...	02-Oct-12 ...								
1533055	BCal Reconstruction (OFFLINE COMP) (6 GeV also)	44.00	\$0.00	\$0.00	\$0.00	\$0.00	82.60	23-Aug-10 0...	13-Jul-11 1...								
1533060	FCal Reconstruction (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	115.60	23-Aug-10 0...	25-Apr-11 ...								
1533065	UPV Reconstruction (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	115.60	23-Aug-10 0...	25-Apr-11 ...								
1533070	TOF Reconstruction (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	148.60	23-Aug-10 0...	25-Apr-11 ...								
1533075	Chrenkov Reconstruction (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	115.60	23-Aug-10 0...	25-Apr-11 ...								
1533080	Tagger Reconstruction (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	115.60	23-Aug-10 0...	25-Apr-11 ...								
1533085	Start Counter Reconstruction (OFFLINE COMP) (6 GeV also)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	137.60	23-Aug-10 0...	04-Feb-11 ...								
1533090	Particle ID (OFFLINE COMP) (6 GeV also)	44.00	\$0.00	\$0.00	\$0.00	\$0.00	82.60	09-Nov-10 0...	29-Sep-11 ...								
1533095	Kinematic Fitter (OFFLINE COMP) (6 GeV also)	44.00	\$0.00	\$0.00	\$0.00	\$0.00	65.60	09-Feb-12 0...	20-Dec-12 ...								
1533100	Integration/QC (OFFLINE COMP) (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	09-Nov-10 0...	29-Sep-11 ...								
1533105	Calibration Database (OFFLINE COMP) (6 GeV also)	10.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	30-Sep-11 0...	15-Mar-12 ...								
1533110	CDC Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	20-Dec-11 0...	20-Aug-12 ...								
1533115	FDC Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533120	BCal Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533125	FCal Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533130	UPV Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533135	Cherenkov Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533140	Tagger Calibration (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	21-Aug-12 0...	23-Apr-13 ...								
1533145	Starter Counter Calibration (OFFLINE COMP) (6 GeV also)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	60.60	21-Aug-12 0...	04-Feb-13 ...								
1533150	Job Control Reconstruction (OFFLINE COMP) (6 GeV also)	1.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	09-Feb-12 0...	02-Oct-12 ...								
1533155	Job Control/Database for Simulation (OFFLINE COMP) (6 GeV al...)	32.00	\$0.00	\$0.00	\$0.00	\$0.00	76.60	09-Feb-12 0...	02-Oct-12 ...								
1533160	PWA Development (OFFLINE COMP) (6 GeV also)	1100.00	\$0.00	\$0.00	\$0.00	\$0.00	66.60	28-Sep-10 0...	01-Feb-12 ...								
1533165	PWA Challenge (OFFLINE COMP) (6 GeV also)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	66.60	02-Feb-12 0...	13-Dec-12 ...								
1533170	Grid Implementation (OFFLINE COMP) (6 GeV also)	33.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	27-Apr-12 0...	19-Mar-13 ...								
1533175	Event Viewer (adapted from online) (OFFLINE COMP) (6 GeV also)	22.00	\$0.00	\$0.00	\$0.00	\$0.00	54.60	03-Oct-12 0...	19-Mar-13 ...								
1533180	Documentation (OFFLINE COMP) (6 GeV also) (IPL)	44.00	\$0.00	\$0.00	\$0.00	\$0.00	49.60	24-Apr-13 0...	14-Mar-14 ...								
1.5.4 ELECTRONICS		654.00	\$1,328,142.80	\$4,871,695.74	\$10,557.29	\$6,210,395.82	20.00	03-Nov-08 0...	11-Sep-13 ...								
1.5.4.1 FADC		213.00	\$439,164.00	\$2,167,755.98	\$1,810.19	\$2,608,730.17	31.40	01-Oct-09 0...	13-Jun-13 ...								
1541005	Calibrate ADC gain and linearity (FADC)	33.00	\$63,624.00	\$0.00	\$0.00	\$63,624.00	61.00	01-Oct-10 0...	04-Nov-10 ...								
1541010	Develop gain correction database for FADC in FPGA (FADC)	12.00	\$30,844.80	\$0.00	\$0.00	\$30,844.80	61.00	05-Nov-10 0...	13-Dec-10 ...								
1541010E	FY10 Travel (FADC)	0.00	\$0.00	\$0.00	\$556.90	\$556.90	33.40	01-Oct-09 0...	30-Sep-10 ...								
1541011E	FY11 Travel (FADC)	0.00	\$0.00	\$0.00	\$556.90	\$556.90	33.40	01-Oct-10 0...	30-Sep-11 ...								
1541012E	FY12 Travel (FADC)	0.00	\$0.00	\$0.00	\$556.90	\$556.90	33.40	03-Oct-11 0...	28-Sep-12 ...								
1541013E	FY13 Travel (FADC)	0.00	\$0.00	\$0.00	\$139.49	\$139.49	33.40	01-Oct-12 0...	21-Dec-12 ...								
1541015	Implement PMT Features Extraction Algorithms (FADC)	36.00	\$82,297.60	\$0.00	\$0.00	\$82,297.60	61.00	14-Dec-10 0...	24-Feb-11 ...								
1541020	Implement PMT Energy-Sum Algorithms (FADC)	36.00	\$82,297.60	\$0.00	\$0.00	\$82,297.60	61.00	25-Feb-11 0...	31-Mar-11 ...								
1541025	Dry Run of Test PMT Procedures (FADC) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	61.00	01-Apr-11 0...	05-May-11 ...								
1541030	Vend Fab fADCs for PMTs (FADC) (IPL)	0.00	\$0.00	\$1,340,404.98	\$0.00	\$1,340,404.98	28.40	05-Jan-12 0...	14-Nov-12 ...								
1541040	Receive fADCs for PMTs (FADC)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	28.40	04-Oct-12 0...	21-Nov-12 ...								
1541045	Burn-in fADCs for PMTs (FADC)	8.00	\$12,854.40	\$0.00	\$0.00	\$12,854.40	28.40	18-Oct-12 0...	07-Dec-12 ...								
1541050	Single-Board Acceptance fADCs for PMTs (FADC)	10.00	\$16,068.00	\$0.00	\$0.00	\$16,068.00	28.40	10-Dec-12 0...	05-Feb-13 ...								
1541055	Crate Acceptance Test for fADCs for PMTs (FADC)	5.00	\$8,034.00	\$0.00	\$0.00	\$8,034.00	28.40	06-Feb-13 0...	13-Mar-13 ...								
1541060	Assy of fADC PMT as part of Trigger (FADC)	6.00	\$11,035.20	\$0.00	\$0.00	\$11,035.20	28.40	14-Mar-13 0...	13-Jun-13 ...								
1541065	Assemble DC Logic/Signal Analyzers (FADC) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	57.00	03-Oct-11 0...	04-Nov-11 ...								
1541070	Implement DC CODA Libraries (FADC) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	57.00	07-Nov-11 0...	13-Dec-11 ...								

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
1541075	Implement DC Features Extraction Algorithms (FADC)	36.00	\$82,297.60	\$0.00	\$0.00	\$82,297.60	57.00	14-Dec-11 0...	26-Jan-12 ...	[Gantt bar: 14-Dec-11 to 26-Jan-12]											
1541080	Dry Run of Test DC Procedures (FADC) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	57.00	27-Jan-12 0...	02-Mar-12 ...	[Gantt bar: 27-Jan-12 to 02-Mar-12]											
1541085	1st 25 percent Vend Fab fADCs for DCs (FADC) (IPL)	0.00	\$0.00	\$210,000.00	\$0.00	\$210,000.00	66.00	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar: 05-Jan-11 to 11-Jul-11]											
1541085b	2nd 75 percent Vend Fab fADCs for DCs (FADC) (IPL)	0.00	\$0.00	\$617,351.00	\$0.00	\$617,351.00	54.40	03-Oct-11 0...	13-Apr-12 ...	[Gantt bar: 03-Oct-11 to 13-Apr-12]											
1541090	Receive fADCs for DCs (FADC)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	54.40	10-Oct-11 0...	04-Jan-12 ...	[Gantt bar: 10-Oct-11 to 04-Jan-12]											
1541095	Burn-in fADCs for DCs (FADC)	8.00	\$12,854.40	\$0.00	\$0.00	\$12,854.40	54.40	05-Aug-11 0...	16-Feb-12 ...	[Gantt bar: 05-Aug-11 to 16-Feb-12]											
1541100	Single-Board Acceptance of fADCs DCs (FADC)	10.00	\$16,068.00	\$0.00	\$0.00	\$16,068.00	54.40	17-Feb-12 0...	21-Aug-12 ...	[Gantt bar: 17-Feb-12 to 21-Aug-12]											
1541105	Crate Acceptance Tests of fADCs for DCs (FADC)	5.00	\$8,034.00	\$0.00	\$0.00	\$8,034.00	54.40	22-Aug-12 0...	21-Dec-12 ...	[Gantt bar: 22-Aug-12 to 21-Dec-12]											
1.5.4.2 TDC		180.00	\$385,208.00	\$513,455.06	\$1,810.19	\$900,473.25	41.00	03-Nov-08 0...	05-Apr-13 ...	[Summary bar for 1.5.4.2 TDC: 03-Nov-08 to 05-Apr-13]											
1542005	Assemble Logic/Signal Analyzers (TDC) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	96.20	01-Oct-10 0...	03-Dec-10 ...	[Gantt bar: 01-Oct-10 to 03-Dec-10]											
1542010	Measure cross talk for CFD & TDC (TDC)	34.00	\$66,194.40	\$0.00	\$0.00	\$66,194.40	96.20	03-Dec-10 1...	11-Feb-11 ...	[Gantt bar: 03-Dec-10 to 11-Feb-11]											
1542011E	FY11 Travel (TDC)	0.00	\$0.00	\$0.00	\$805.00	\$805.00	54.40	01-Oct-10 0...	30-Sep-11 ...	[Gantt bar: 01-Oct-10 to 30-Sep-11]											
1542012E	FY12 Travel (TDC)	0.00	\$0.00	\$0.00	\$805.00	\$805.00	54.40	03-Oct-11 0...	28-Sep-12 ...	[Gantt bar: 03-Oct-11 to 28-Sep-12]											
1542013E	FY13 Travel (TDC)	0.00	\$0.00	\$0.00	\$200.19	\$200.19	54.40	01-Oct-12 0...	21-Dec-12 ...	[Gantt bar: 01-Oct-12 to 21-Dec-12]											
1542015	Implement Features Extraction Algorithms (TDC)	36.00	\$82,297.60	\$0.00	\$0.00	\$82,297.60	96.20	14-Feb-11 0...	15-Apr-11 ...	[Gantt bar: 14-Feb-11 to 15-Apr-11]											
1542020	Dry Run of Test Procedures (TDC)	36.00	\$82,297.60	\$0.00	\$0.00	\$82,297.60	96.20	15-Apr-11 1...	16-Jun-11 ...	[Gantt bar: 15-Apr-11 to 16-Jun-11]											
1542025	Phase 1 Proc TDCs (TDC)	0.00	\$0.00	\$199,281.60	\$0.00	\$199,281.60	98.20	03-Nov-08 0...	30-Oct-09 ...	[Gantt bar: 03-Nov-08 to 30-Oct-09]											
1542025a	Phase 2 Proc TDCs (TDC) (IPL)	0.00	\$0.00	\$303,525.28	\$0.00	\$303,525.28	41.00	05-Jan-11 0...	23-Jan-12 ...	[Gantt bar: 05-Jan-11 to 23-Jan-12]											
1542030	Receive TDCs (TDC)	2.00	\$3,213.60	\$0.00	\$0.00	\$3,213.60	41.00	24-Jan-12 0...	24-Apr-12 ...	[Gantt bar: 24-Jan-12 to 24-Apr-12]											
1542035	Burn-in TDCs (TDC)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	41.00	25-Apr-12 0...	26-Jul-12 1...	[Gantt bar: 25-Apr-12 to 26-Jul-12]											
1542040	Single-Board Acceptance of TDCs (TDC)	10.00	\$16,068.00	\$0.00	\$0.00	\$16,068.00	41.00	27-Jul-12 0...	27-Nov-12 ...	[Gantt bar: 27-Jul-12 to 27-Nov-12]											
1542045	Crate Acceptance Tests of TDCs (TDC)	5.00	\$8,034.00	\$0.00	\$0.00	\$8,034.00	41.00	28-Nov-12 0...	05-Apr-13 ...	[Gantt bar: 28-Nov-12 to 05-Apr-13]											
1542050	Purchase Master clock (TDC) (IPL)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	98.00	01-Oct-10 0...	13-Dec-10 ...	[Gantt bar: 01-Oct-10 to 13-Dec-10]											
1542055	Global low jitter clock (TDC)	8.00	\$20,558.40	\$0.00	\$0.00	\$20,558.40	98.00	14-Dec-10 0...	19-Jan-11 ...	[Gantt bar: 14-Dec-10 to 19-Jan-11]											
1542060	Local clock for 250MHz flash (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	20-Jan-11 0...	02-Feb-11 ...	[Gantt bar: 20-Jan-11 to 02-Feb-11]											
1542065	Local clock for 100MHz flash (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	03-Feb-11 0...	16-Feb-11 ...	[Gantt bar: 03-Feb-11 to 16-Feb-11]											
1542070	Local clock for F1 TDC (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	17-Feb-11 0...	03-Mar-11 ...	[Gantt bar: 17-Feb-11 to 03-Mar-11]											
1542075	Clock reset (TDC)	4.00	\$8,816.80	\$0.00	\$0.00	\$8,816.80	98.00	04-Mar-11 0...	31-Mar-11 ...	[Gantt bar: 04-Mar-11 to 31-Mar-11]											
1542080	Clock busy (TDC)	4.00	\$8,816.80	\$0.00	\$0.00	\$8,816.80	98.00	01-Apr-11 0...	28-Apr-11 ...	[Gantt bar: 01-Apr-11 to 28-Apr-11]											
1542085	Distribution of Trigger signal (TDC)	4.00	\$7,389.60	\$0.00	\$0.00	\$7,389.60	98.00	29-Apr-11 0...	26-May-11 ...	[Gantt bar: 29-Apr-11 to 26-May-11]											
1542090	Distribution of Trigger type (TDC)	2.00	\$4,176.00	\$0.00	\$0.00	\$4,176.00	98.00	27-May-11 ...	10-Jun-11 ...	[Gantt bar: 27-May-11 to 10-Jun-11]											
1542095	Global time-critical distribution (TDC)	3.00	\$4,820.40	\$0.00	\$0.00	\$4,820.40	98.00	13-Jun-11 0...	11-Jul-11 1...	[Gantt bar: 13-Jun-11 to 11-Jul-11]											
1542100	Control words non-time critical (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	12-Jul-11 0...	25-Jul-11 1...	[Gantt bar: 12-Jul-11 to 25-Jul-11]											
1542105	Local clock and trigg interface (TDC)	4.00	\$10,276.80	\$0.00	\$0.00	\$10,276.80	98.00	26-Jul-11 0...	22-Aug-11 ...	[Gantt bar: 26-Jul-11 to 22-Aug-11]											
1542110	Programing of the sig distr. Unit (TDC)	4.00	\$10,276.80	\$0.00	\$0.00	\$10,276.80	98.00	23-Aug-11 0...	20-Sep-11 ...	[Gantt bar: 23-Aug-11 to 20-Sep-11]											
1542115	Testing of global clock (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	21-Sep-11 0...	04-Oct-11 ...	[Gantt bar: 21-Sep-11 to 04-Oct-11]											
1542120	Testing of trig distribution (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	05-Oct-11 0...	18-Oct-11 ...	[Gantt bar: 05-Oct-11 to 18-Oct-11]											
1542125	Testing of Local clocks (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	19-Oct-11 0...	01-Nov-11 ...	[Gantt bar: 19-Oct-11 to 01-Nov-11]											
1542130	Synch of global clock to crates (TDC)	2.00	\$4,408.40	\$0.00	\$0.00	\$4,408.40	98.00	02-Nov-11 0...	15-Nov-11 ...	[Gantt bar: 02-Nov-11 to 15-Nov-11]											
1542135	Failure modes of missed clocks (TDC)	2.00	\$5,138.40	\$0.00	\$0.00	\$5,138.40	98.00	16-Nov-11 0...	15-Dec-11 ...	[Gantt bar: 16-Nov-11 to 15-Dec-11]											
1542140	Checks for slewing of global clock (TDC)	2.00	\$5,138.40	\$0.00	\$0.00	\$5,138.40	98.00	16-Dec-11 0...	23-Jan-12 ...	[Gantt bar: 16-Dec-11 to 23-Jan-12]											
1.5.4.3 TRIGGER		204.00	\$426,644.40	\$195,819.95	\$3,620.38	\$626,084.73	20.00	01-Oct-09 0...	11-Sep-13 ...	[Summary bar for 1.5.4.3 TRIGGER: 01-Oct-09 to 11-Sep-13]											
1543005	Assemble Logic/Signal Analyzers for Energy Sum Tests (Trigger)	11.00	\$0.00	\$0.00	\$0.00	\$0.00	67.00	01-Oct-10 0...	28-Oct-10 ...	[Gantt bar: 01-Oct-10 to 28-Oct-10]											
1543010	Implement CODA Libraries for Energy Sum (Trigger) (in 6 GeV al...	0.00	\$0.00	\$0.00	\$0.00	\$0.00	67.00	29-Oct-10 0...	29-Nov-10 ...	[Gantt bar: 29-Oct-10 to 29-Nov-10]											
1543010E	FY10 Travel (TRIGR)	0.00	\$0.00	\$0.00	\$1,113.80	\$1,113.80	37.20	01-Oct-09 0...	30-Sep-10 ...	[Gantt bar: 01-Oct-09 to 30-Sep-10]											
1543011E	FY11 Travel (TRIGR)	0.00	\$0.00	\$0.00	\$1,113.80	\$1,113.80	37.20	01-Oct-10 0...	30-Sep-11 ...	[Gantt bar: 01-Oct-10 to 30-Sep-11]											
1543012E	FY12 Travel (TRIGR)	0.00	\$0.00	\$0.00	\$1,113.80	\$1,113.80	37.20	03-Oct-11 0...	01-Oct-12 ...	[Gantt bar: 03-Oct-11 to 01-Oct-12]											
1543013E	FY13 Travel (TRIGR)	0.00	\$0.00	\$0.00	\$278.98	\$278.98	37.20	02-Oct-12 0...	31-Dec-12 ...	[Gantt bar: 02-Oct-12 to 31-Dec-12]											
1543015	Implement Features Extraction Algorithms (Trigger)	11.00	\$0.00	\$0.00	\$0.00	\$0.00	67.00	30-Nov-10 0...	04-Jan-11 ...	[Gantt bar: 30-Nov-10 to 04-Jan-11]											
1543020	Proc trigger supervisor Board (Trigger)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	67.00	05-Jan-11 0...	02-Feb-11 ...	[Gantt bar: 05-Jan-11 to 02-Feb-11]											
1543025	Proc Energy Sum Modules (Trigger) (IPL)	0.00	\$0.00	\$79,861.32	\$0.00	\$79,861.32	33.00	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar: 05-Jan-11 to 11-Jul-11]											
1543030	Receive Energy Sum Modules (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	33.00	12-Jul-11 0...	22-Aug-11 ...	[Gantt bar: 12-Jul-11 to 22-Aug-11]											
1543035	Burn-in Energy Sum Modules (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	33.00	23-Aug-11 0...	04-Oct-11 ...	[Gantt bar: 23-Aug-11 to 04-Oct-11]											
1543040	Single-Board Acceptance of Energy Sum Module (Trigger)	10.00	\$25,704.00	\$0.00	\$0.00	\$25,704.00	33.00	05-Oct-11 0...	15-Dec-11 ...	[Gantt bar: 05-Oct-11 to 15-Dec-11]											
1543045	Multi Crate acceptance tests for energy sum modules (Trigger)	30.00	\$77,094.00	\$0.00	\$0.00	\$77,094.00	33.00	16-Dec-11 0...	10-Apr-12 ...	[Gantt bar: 16-Dec-11 to 10-Apr-12]											
1543050	Assemble Logic/Signal Analyzers for Track Count Tests (Trigger)	5.00	\$0.00	\$0.00	\$0.00	\$0.00	76.40	03-Oct-11 0...	28-Oct-11 ...	[Gantt bar: 03-Oct-11 to 28-Oct-11]											
1543055	Implement CODA Libraries for Track Count (Trigger) (in 6 GeV al...	0.00	\$0.00	\$0.00	\$0.00	\$0.00	76.40	31-Oct-11 0...	29-Nov-11 ...	[Gantt bar: 31-Oct-11 to 29-Nov-11]											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
1543060	Implement Features Extraction Algorithms (Trigger)	11.00	\$0.00	\$0.00	\$0.00	\$0.00	76.40	30-Nov-11 0...	04-Jan-12 ...	[Gantt bar for Implement Features Extraction Algorithms (Trigger)]											
1543065	Dry Run of Testing Procedures for Track Count (Trigger) (in 6 Ge...	0.00	\$0.00	\$0.00	\$0.00	\$0.00	76.40	05-Jan-12 0...	02-Feb-12 ...	[Gantt bar for Dry Run of Testing Procedures for Track Count (Trigger) (in 6 Ge...)]											
1543070	Proc Track Count Modules (Trigger)	0.00	\$0.00	\$6,921.31	\$0.00	\$6,921.31	40.40	05-Jan-12 0...	10-Jul-12 1...	[Gantt bar for Proc Track Count Modules (Trigger)]											
1543075	Receive Track Count Modules (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	40.40	11-Jul-12 0...	28-Aug-12 ...	[Gantt bar for Receive Track Count Modules (Trigger)]											
1543080	Burn-in Track Count Modules (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	40.40	29-Aug-12 0...	17-Oct-12 ...	[Gantt bar for Burn-in Track Count Modules (Trigger)]											
1543085	Single-Board Acceptance of Track Count Module (Trigger)	8.00	\$20,563.20	\$0.00	\$0.00	\$20,563.20	40.40	18-Oct-12 0...	21-Dec-12 ...	[Gantt bar for Single-Board Acceptance of Track Count Module (Trigger)]											
1543090	Crate Acceptance Tests of Track Count Modules (Trigger)	30.00	\$77,094.00	\$0.00	\$0.00	\$77,094.00	40.40	31-Dec-12 0...	17-Apr-13 ...	[Gantt bar for Crate Acceptance Tests of Track Count Modules (Trigger)]											
1543095	Definition of L-1 Processor (Trigger)	20.00	\$51,402.00	\$0.00	\$0.00	\$51,402.00	56.90	03-Oct-11 0...	26-Jan-12 ...	[Gantt bar for Definition of L-1 Processor (Trigger)]											
1543100	Proc Sys Sum Modules (Trigger) (IPL)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	33.00	11-Apr-12 0...	12-Jul-12 1...	[Gantt bar for Proc Sys Sum Modules (Trigger) (IPL)]											
1543105	Proc Processor Board (Trigger)	0.00	\$0.00	\$10,988.92	\$0.00	\$10,988.92	56.90	27-Jan-12 0...	27-Apr-12 ...	[Gantt bar for Proc Processor Board (Trigger)]											
1543110	Proc Processor Compts (Trigger)	0.00	\$0.00	\$60,439.04	\$0.00	\$60,439.04	56.90	27-Jan-12 0...	27-Apr-12 ...	[Gantt bar for Proc Processor Compts (Trigger)]											
1543115	Fab Processor (Trigger)	0.00	\$0.00	\$10,988.92	\$0.00	\$10,988.92	56.90	30-Apr-12 0...	15-Jun-12 ...	[Gantt bar for Fab Processor (Trigger)]											
1543120	Assemble Test Setup for Processor (Trigger)	20.00	\$51,408.00	\$0.00	\$0.00	\$51,408.00	33.00	13-Jul-12 0...	04-Dec-12 ...	[Gantt bar for Assemble Test Setup for Processor (Trigger)]											
1543125	Burn-in Track Processor (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	33.00	05-Dec-12 0...	31-Jan-13 ...	[Gantt bar for Burn-in Track Processor (Trigger)]											
1543130	Single-Board Acceptance of Processor (Trigger)	6.00	\$15,422.40	\$0.00	\$0.00	\$15,422.40	20.00	06-May-13 ...	17-Jun-13 ...	[Gantt bar for Single-Board Acceptance of Processor (Trigger)]											
1543135	Crate Acceptance Tests of Processor (Trigger)	12.00	\$30,844.80	\$0.00	\$0.00	\$30,844.80	20.00	18-Jun-13 0...	11-Sep-13 ...	[Gantt bar for Crate Acceptance Tests of Processor (Trigger)]											
1.5.4.4 CRATES/RACKS		17.00	\$27,315.60	\$800,742.85	\$0.00	\$828,058.45	56.10	05-Jan-11 0...	02-Aug-12 ...	[Summary bar for 1.5.4.4 CRATES/RACKS]											
1544005	Proc Crate DAQ Type (CRATES/RACKS)	0.00	\$0.00	\$464,260.48	\$0.00	\$464,260.48	34.60	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar for Proc Crate DAQ Type (CRATES/RACKS)]											
1544010	Proc ADC Backplane (CRATES/RACKS)	0.00	\$0.00	\$127,778.11	\$0.00	\$127,778.11	56.10	03-Oct-11 0...	13-Apr-12 ...	[Gantt bar for Proc ADC Backplane (CRATES/RACKS)]											
1544015	Proc ADC Clock Distribtn (CRATES/RACKS)	0.00	\$0.00	\$153,333.74	\$0.00	\$153,333.74	56.10	16-Apr-12 0...	18-Jun-12 ...	[Gantt bar for Proc ADC Clock Distribtn (CRATES/RACKS)]											
1544020	Assemble ADC Crates (CRATES/RACKS)	2.00	\$3,213.60	\$0.00	\$0.00	\$3,213.60	56.10	18-Jun-12 1...	03-Jul-12 1...	[Gantt bar for Assemble ADC Crates (CRATES/RACKS)]											
1544025	Test ADC Crates (CRATES/RACKS)	9.00	\$14,461.20	\$0.00	\$0.00	\$14,461.20	56.10	03-Jul-12 1...	02-Aug-12 ...	[Gantt bar for Test ADC Crates (CRATES/RACKS)]											
1544030	Proc TDC Auxiliaries (CRATES/RACKS)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	84.40	02-Dec-11 0...	02-Dec-11 ...	[Gantt bar for Proc TDC Auxiliaries (CRATES/RACKS)]											
1544035	Assemble TDC Crates (CRATES/RACKS)	2.00	\$3,213.60	\$0.00	\$0.00	\$3,213.60	84.40	05-Dec-11 0...	19-Dec-11 ...	[Gantt bar for Assemble TDC Crates (CRATES/RACKS)]											
1544040	Test TDC Crates (CRATES/RACKS)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	84.40	20-Dec-11 0...	11-Jan-12 ...	[Gantt bar for Test TDC Crates (CRATES/RACKS)]											
1544050	Proc Racks (CRATES/RACKS)	0.00	\$0.00	\$55,370.52	\$0.00	\$55,370.52	46.00	02-Dec-11 0...	14-Jun-12 ...	[Gantt bar for Proc Racks (CRATES/RACKS)]											
1.5.4.5 LOGIC, HV		40.00	\$49,810.80	\$1,193,921.90	\$3,316.53	\$1,247,049.23	48.40	02-Jan-09 0...	26-Sep-12 ...	[Summary bar for 1.5.4.5 LOGIC, HV]											
1545005	Assemble Signal Distribtn CFD Tests (LOGIC, HV)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	77.30	03-Oct-11 0...	28-Oct-11 ...	[Gantt bar for Assemble Signal Distribtn CFD Tests (LOGIC, HV)]											
1545009E	FY09 Travel (LOGIC, HV)	0.00	\$0.00	\$0.00	\$973.93	\$973.93	93.40	02-Jan-09 0...	30-Sep-09 ...	[Gantt bar for FY09 Travel (LOGIC, HV)]											
1545010	Dry Run of Testing Procedures for CFDs (LOGIC, HV)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	77.30	31-Oct-11 0...	07-Nov-11 ...	[Gantt bar for Dry Run of Testing Procedures for CFDs (LOGIC, HV)]											
1545010E	FY10 Travel (LOGIC, HV)	0.00	\$0.00	\$0.00	\$1,171.30	\$1,171.30	93.40	01-Oct-09 0...	30-Sep-10 ...	[Gantt bar for FY10 Travel (LOGIC, HV)]											
1545011E	FY11 Travel (LOGIC, HV)	0.00	\$0.00	\$0.00	\$1,171.30	\$1,171.30	93.40	01-Oct-10 0...	30-Sep-11 ...	[Gantt bar for FY11 Travel (LOGIC, HV)]											
1545015	Proc CFDs (LOGIC, HV) (IPL)	0.00	\$0.00	\$363,234.00	\$0.00	\$363,234.00	60.00	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar for Proc CFDs (LOGIC, HV) (IPL)]											
1545015b	2nd half Proc CFDs (LOGIC, HV) (IPL)	0.00	\$0.00	\$363,234.00	\$0.00	\$363,234.00	48.40	03-Oct-11 0...	13-Apr-12 ...	[Gantt bar for 2nd half Proc CFDs (LOGIC, HV) (IPL)]											
1545020	Receive & Burn in CFDs (LOGIC, HV)	8.00	\$12,854.40	\$0.00	\$0.00	\$12,854.40	48.40	16-Apr-12 0...	12-Jun-12 ...	[Gantt bar for Receive & Burn in CFDs (LOGIC, HV)]											
1545025	Single-Board Acceptance of CFDs (LOGIC, HV)	10.00	\$16,068.00	\$0.00	\$0.00	\$16,068.00	48.40	13-Jun-12 0...	21-Aug-12 ...	[Gantt bar for Single-Board Acceptance of CFDs (LOGIC, HV)]											
1545030	Crate Acceptance Test of CFDs (LOGIC, HV)	5.00	\$8,034.00	\$0.00	\$0.00	\$8,034.00	48.40	22-Aug-12 0...	26-Sep-12 ...	[Gantt bar for Crate Acceptance Test of CFDs (LOGIC, HV)]											
1545035	Assemble Pwr for HV Tests (LOGIC, HV) (in 6 GeV also)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	87.90	03-Oct-11 0...	01-Nov-11 ...	[Gantt bar for Assemble Pwr for HV Tests (LOGIC, HV) (in 6 GeV also)]											
1545040	Dry Run of HV Crate Test (LOGIC, HV)	9.00	\$0.00	\$0.00	\$0.00	\$0.00	87.90	02-Nov-11 0...	09-Nov-11 ...	[Gantt bar for Dry Run of HV Crate Test (LOGIC, HV)]											
1545045	Proc HV Crates (LOGIC, HV) (IPL)	0.00	\$0.00	\$51,111.25	\$0.00	\$51,111.25	101.00	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar for Proc HV Crates (LOGIC, HV) (IPL)]											
1545050	Proc HV DC Cards (LOGIC, HV)	0.00	\$0.00	\$44,721.31	\$0.00	\$44,721.31	101.00	05-Jan-11 0...	11-Jul-11 1...	[Gantt bar for Proc HV DC Cards (LOGIC, HV)]											
1545055	Proc HV PMT Cards (LOGIC, HV)	0.00	\$0.00	\$371,621.35	\$0.00	\$371,621.35	63.40	03-Oct-11 0...	13-Apr-12 ...	[Gantt bar for Proc HV PMT Cards (LOGIC, HV)]											
1545060	Receive HV Cards & Crates (LOGIC, HV)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	63.40	16-Apr-12 0...	11-May-12...	[Gantt bar for Receive HV Cards & Crates (LOGIC, HV)]											
1545065	Crate Pwr Tests of Boards & Crates (LOGIC, HV)	4.00	\$6,427.20	\$0.00	\$0.00	\$6,427.20	63.40	14-May-12 ...	12-Jun-12 ...	[Gantt bar for Crate Pwr Tests of Boards & Crates (LOGIC, HV)]											
1.5.5 BEAMLINE		1078.00	\$954,747.20	\$1,905,789.48	\$21,615.80	\$2,882,152.48	25.60	01-Apr-09 0...	31-Dec-13 ...	[Summary bar for 1.5.5 BEAMLINE]											
1.5.5.1 TAGGER		837.00	\$537,107.60	\$1,204,452.68	\$17,995.42	\$1,759,555.70	25.60	01-Apr-09 0...	31-Dec-13 ...	[Summary bar for 1.5.5.1 TAGGER]											
1.5.5.1.1 TAGGING MAGNET		349.00	\$321,691.60	\$826,075.07	\$16,185.23	\$1,163,951.90	71.00	01-Apr-09 0...	26-Oct-12 ...	[Summary bar for 1.5.5.1.1 TAGGING MAGNET]											
15511005	Drawings for Yoke Steel (TAGGING Mag)	43.00	\$44,978.40	\$0.00	\$0.00	\$44,978.40	102.60	01-Apr-10 0...	20-Sep-10 ...	[Gantt bar for Drawings for Yoke Steel (TAGGING Mag)]											
15511010	Drawings for Coils (TAGGING Mag)	65.00	\$53,523.20	\$0.00	\$0.00	\$53,523.20	102.60	01-Apr-10 0...	20-Aug-10 ...	[Gantt bar for Drawings for Coils (TAGGING Mag)]											
15511010E	FY10 Travel (TAGGING Mag)	0.00	\$0.00	\$0.00	\$5,886.31	\$5,886.31	48.60	01-Oct-09 0...	30-Sep-10 ...	[Gantt bar for FY10 Travel (TAGGING Mag)]											
15511011E	FY11 Travel (TAGGING Mag)	0.00	\$0.00	\$0.00	\$5,886.31	\$5,886.31	48.60	01-Oct-10 0...	30-Sep-11 ...	[Gantt bar for FY11 Travel (TAGGING Mag)]											
15511012E	FY12 Travel (TAGGING Mag)	0.00	\$0.00	\$0.00	\$4,412.60	\$4,412.60	48.60	03-Oct-11 0...	29-Jun-12 ...	[Gantt bar for FY12 Travel (TAGGING Mag)]											
15511015	Drawings for Vac Chamb (TAGGING Mag)	65.00	\$53,523.20	\$0.00	\$0.00	\$53,523.20	102.60	01-Apr-10 0...	20-Sep-10 ...	[Gantt bar for Drawings for Vac Chamb (TAGGING Mag)]											
15511020	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...	[Gantt bar for DUMMY]											
15511025	Dsgn Stnds for Mag (TAGGING Mag)	37.00	\$44,978.40	\$0.00	\$0.00	\$44,978.40	114.60	01-Apr-10 0...	24-Jun-10 ...	[Gantt bar for Dsgn Stnds for Mag (TAGGING Mag)]											
15511030	Dsgn Supprt for Vac Chamb (TAGGING Mag)	37.00	\$44,978.40	\$0.00	\$0.00	\$44,978.40	104.60	01-Apr-10 0...	03-Sep-10 ...	[Gantt bar for Dsgn Supprt for Vac Chamb (TAGGING Mag)]											
15511035	Dsgn Stnds for Quad (TAGGING Mag)	37.00	\$44,978.40	\$0.00	\$0.00	\$44,978.40	110.40	03-Oct-11 0...	20-Dec-11 ...	[Gantt bar for Dsgn Stnds for Quad (TAGGING Mag)]											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
15511040	Write Pwr Supply Spec (TAGGING Mag)	11.00	\$8,034.00	\$0.00	\$0.00	\$8,034.00	123.40	23-Aug-10 0...	27-Sep-10 ...								
15511045	EH&S Review of Dsgn before Constrctn (TAGGING Mag)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	102.60	21-Sep-10 0...	27-Sep-10 ...								
15511050	Proc Yoke Steel (TAGGING Mag)	2.00	\$1,407.20	\$541,992.16	\$0.00	\$543,399.36	90.00	05-Jan-11 0...	26-Aug-11 ...								
15511060	Proc Vac Chamb (TAGGING Mag)	3.00	\$2,110.80	\$70,947.74	\$0.00	\$73,058.54	111.00	05-Jan-11 0...	30-Mar-11 ...								
15511065	Proc Pwr Supply (TAGGING Mag)	0.00	\$0.00	\$64,734.52	\$0.00	\$64,734.52	73.20	03-Oct-11 0...	04-Jan-12 ...								
15511070	Proc Quad (TAGGING Mag)	0.00	\$0.00	\$20,000.00	\$0.00	\$20,000.00	216.20	01-Apr-09 0...	16-Jul-09 1...								
15511071	Proc Quad Power Supply (TAGGING Mag)	0.00	\$0.00	\$5,000.00	\$0.00	\$5,000.00	144.00	05-Jan-11 0...	21-Apr-11 ...								
15511095	Proc, calibrate, Install NMR (TAGGING Mag)	44.00	\$17,089.60	\$34,381.90	\$0.00	\$51,471.50	100.40	03-Oct-11 0...	28-Oct-11 ...								
15511100	Proc Turbo Pumps (TAGGING Mag)	5.00	\$6,090.00	\$54,944.59	\$0.00	\$61,034.59	71.00	01-Oct-12 0...	26-Oct-12 ...								
15511105	Tagger Magnet Acceptance Test (TAGGING Mag)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	48.60	02-Jul-12 0...	02-Jul-12 1...								
15511110	Shipping to JLab (TAGGING Mag)	0.00	\$0.00	\$34,074.16	\$0.00	\$34,074.16	48.60	03-Jul-12 0...	27-Aug-12 ...								
1.5.5.1.2 HODOSCOPE		488.00	\$215,416.00	\$378,377.61	\$1,810.19	\$595,603.80	25.60	03-Oct-11 0...	31-Dec-13 ...								
15512005	Construct Hodoscope Supprt (HODOSCP)	27.00	\$25,504.00	\$21,296.35	\$0.00	\$46,800.35	60.80	05-Jan-12 0...	07-Mar-12 ...								
15512010	Fab & Test Counter Fixed Array (HODOSCP)	43.00	\$30,226.80	\$0.00	\$0.00	\$30,226.80	60.80	08-Mar-12 0...	08-Jun-12 ...								
15512012E	FY12 Travel (HODOSCP)	0.00	\$0.00	\$0.00	\$805.00	\$805.00	25.60	03-Oct-11 0...	01-Oct-12 ...								
15512013E	FY13 Travel (HODOSCP)	0.00	\$0.00	\$0.00	\$805.00	\$805.00	25.60	02-Oct-12 0...	30-Sep-13 ...								
15512014E	FY14 Travel (HODOSCP)	0.00	\$0.00	\$0.00	\$200.19	\$200.19	25.60	01-Oct-13 0...	31-Dec-13 ...								
15512020	AL Foil for Thin Window (HODOSCP)	0.00	\$0.00	\$1,469.45	\$0.00	\$1,469.45	44.40	05-Jan-12 0...	02-Feb-12 ...								
15512025	Frame & Vacuum System for Limit Test of Thin Window (HODOSCP)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	44.40	30-Apr-12 0...	31-Oct-12 ...								
15512030	Test Window to limit (HODOSCP)	41.00	\$17,798.00	\$0.00	\$0.00	\$17,798.00	44.40	01-Nov-12 0...	14-Jan-13 ...								
15512035	Fab Final Thin Exit Window & AL Flange (HODOSCP)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	44.40	15-Jan-13 0...	20-Mar-13 ...								
15512040	Proc Scintillator/Light Guide for Fixed Array (HODOSCP)	0.00	\$0.00	\$7,391.96	\$0.00	\$7,391.96	56.40	05-Jan-12 0...	10-Jul-12 1...								
15512050	Proc PMTs for Fixed Array (HODOSCP)	0.00	\$0.00	\$48,449.20	\$0.00	\$48,449.20	56.40	05-Jan-12 0...	10-Jul-12 1...								
15512055	Proc Dividers for Fixed Array (HODOSCP)	0.00	\$0.00	\$28,771.37	\$0.00	\$28,771.37	56.40	05-Jan-12 0...	10-Jul-12 1...								
15512065	Proc HV Cables Fixed Array (HODOSCP)	0.00	\$0.00	\$10,286.14	\$0.00	\$10,286.14	56.40	05-Jan-12 0...	10-Jul-12 1...								
15512075	Proc Signal Cables Fixed Array (HODOSCP)	0.00	\$0.00	\$3,279.64	\$0.00	\$3,279.64	60.40	05-Jan-12 0...	10-Jul-12 1...								
15512080	Acceptance, Assemble & Test Signal & HV Cables (HODOSCP)	32.00	\$12,428.80	\$0.00	\$0.00	\$12,428.80	60.40	11-Jul-12 0...	14-Nov-12 ...								
15512085	Install Cable Det & Cal-System & Test Both (HODOSCP)	99.00	\$27,119.60	\$0.00	\$0.00	\$27,119.60	56.40	11-Jul-12 0...	14-Dec-12 ...								
15512100	Proc Fibers for Microscope (HODOSCP)	0.00	\$0.00	\$11,180.58	\$0.00	\$11,180.58	33.40	03-Oct-11 0...	13-Apr-12 ...								
15512110	Proc SiPMs for Microscope (HODOSCP)	0.00	\$0.00	\$127,778.11	\$0.00	\$127,778.11	25.00	02-Dec-11 0...	14-Jun-12 ...								
15512120	Proc Cables for Microscope (HODOSCP)	0.00	\$0.00	\$830.56	\$0.00	\$830.56	33.40	03-Oct-11 0...	13-Apr-12 ...								
15512126	Proc Epoxy, Tooling & Cables (HODOSCP)	0.00	\$0.00	\$1,220.28	\$0.00	\$1,220.28	39.40	05-Jan-12 0...	02-Mar-12 ...								
15512127	Design & Build Light Tight Housing (HODOSCP)	11.00	\$19,289.60	\$871.02	\$0.00	\$20,160.62	40.40	03-Oct-11 0...	20-Dec-11 ...								
15512128	Build Light Tight Housing & Preamp-card Carrier (HODOSCP)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	40.40	21-Dec-11 0...	26-Jan-12 ...								
15512130	Fab Counters Microscope (HODOSCP)	64.00	\$24,857.60	\$0.00	\$0.00	\$24,857.60	25.00	15-Jun-12 0...	03-May-13 ...								
15512136	Design & Layout Preamp Cards (HODOSCP)	32.00	\$0.00	\$0.00	\$0.00	\$0.00	23.40	03-Oct-11 0...	25-May-12...								
15512137	Manufacture Base/Preamp Board (HODOSCP)	0.00	\$0.00	\$22,881.87	\$0.00	\$22,881.87	23.40	29-May-12 ...	31-Oct-12 ...								
15512138	Proc Detector Support Components (HODOSCP)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	23.40	01-Nov-12 0...	30-Nov-12 ...								
15512139	Build Detector Support Frame (HODOSCP)	40.00	\$6,214.40	\$0.00	\$0.00	\$6,214.40	23.40	03-Dec-12 0...	15-May-13 ...								
15512140	Mount Microscope onto Supprt Frame (HODOSCP)	11.00	\$17,798.00	\$0.00	\$0.00	\$17,798.00	23.40	16-May-13 ...	02-Aug-13 ...								
15512145	Cable up Detector in Tagger Hall, Test (HODOSCP)	24.00	\$9,321.60	\$0.00	\$0.00	\$9,321.60	76.40	20-Jan-12 0...	24-Jul-12 1...								
15512150	Purchase parts for Calibration (HODOSCP)	0.00	\$0.00	\$39,925.34	\$0.00	\$39,925.34	69.40	05-Jan-12 0...	06-Apr-12 ...								
15512155	Assemble & Test Calibration Sys (HODOSCP)	64.00	\$24,857.60	\$0.00	\$0.00	\$24,857.60	69.40	09-Apr-12 0...	12-Sep-12 ...								
15512165	Ship Detectors to JLab (HODOSCP)	0.00	\$0.00	\$2,662.04	\$0.00	\$2,662.04	23.40	05-Aug-13 0...	16-Aug-13 ...								
15512170	Purchase Power Supply for DAC Chips (HODOSCP)	0.00	\$0.00	\$2,166.90	\$0.00	\$2,166.90	76.40	05-Jan-12 0...	19-Jan-12 ...								
1.5.5.2 TARGET		0.00	\$0.00	\$195,926.44	\$0.00	\$195,926.44	52.20	05-Jan-12 0...	22-Jan-13 ...								
1552005	Proc Gas Handling Sys (TARGET)	0.00	\$0.00	\$25,555.62	\$0.00	\$25,555.62	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552010	Proc Controls (TARGET)	0.00	\$0.00	\$55,370.52	\$0.00	\$55,370.52	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552015	Fab Isolation Vac Pumping Sys (TARGET)	0.00	\$0.00	\$24,490.81	\$0.00	\$24,490.81	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552020	Fab Outer Vac/Scattering Chamb (TARGET)	0.00	\$0.00	\$9,583.36	\$0.00	\$9,583.36	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552025	Fab Target Cells (TARGET)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552030	Proc Liquid Helium Supply/Return Lines (TARGET)	0.00	\$0.00	\$18,101.90	\$0.00	\$18,101.90	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552035	Fab Positioning/Mounting Sys (TARGET)	0.00	\$0.00	\$52,176.06	\$0.00	\$52,176.06	52.20	05-Jan-12 0...	10-Jul-12 1...								
1552040	Assemble Target (TARGET)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	52.20	11-Jul-12 0...	22-Jan-13 ...								
1.5.5.3 BEAMLINE COMPONENTS		241.00	\$417,639.60	\$505,410.36	\$3,620.38	\$926,670.34	25.60	01-Oct-09 0...	31-Dec-13 ...								
1553005	Proc Radiator Diamond Crystals (BL Compnts)	0.00	\$0.00	\$64,836.74	\$0.00	\$64,836.74	79.00	07-Dec-10 0...	17-Jun-11 ...								
1553010	Qualify Diamond Radiators (BL Compnts)	20.00	\$51,408.00	\$0.00	\$0.00	\$51,408.00	79.00	20-Jun-11 0...	29-Dec-11 ...								

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	Gantt Chart (2008-2015)											
										2008	2009	2010	2011	2012	2013	2014	2015				
1553010E	FY10 Travel (BL Compnts)	0.00	\$0.00	\$0.00	\$851.85	\$851.85	25.60	01-Oct-09 0...	30-Sep-10 ...	FY10 Travel (BL Compnts)											
1553011	Mounting & Test of Radiator (BL Compnts)	36.00	\$92,534.40	\$0.00	\$0.00	\$92,534.40	79.00	28-Mar-12 0...	30-Aug-12 ...	Mounting & Test of Radiator (BL Compnts)											
1553011E	FY11 Travel (BL Compnts)	0.00	\$0.00	\$0.00	\$851.85	\$851.85	25.60	01-Oct-10 0...	30-Sep-11 ...	FY11 Travel (BL Compnts)											
1553012E	FY12 Travel (BL Compnts)	0.00	\$0.00	\$0.00	\$851.85	\$851.85	25.60	03-Oct-11 0...	28-Sep-12 ...	FY12 Travel (BL Compnts)											
1553013E	FY13 Travel (BL Compnts)	0.00	\$0.00	\$0.00	\$851.85	\$851.85	25.60	01-Oct-12 0...	30-Sep-13 ...	FY13 Travel (BL Compnts)											
1553014E	FY14 Travel (BL Compnts)	0.00	\$0.00	\$0.00	\$212.96	\$212.96	25.60	01-Oct-13 0...	31-Dec-13 ...	FY14 Travel (BL Compnts)											
1553015	Proc Goniometer (BL Compnts)	0.00	\$0.00	\$149,074.47	\$0.00	\$149,074.47	48.40	05-Jan-12 0...	10-Jul-12 1...	Proc Goniometer (BL Compnts)											
1553016	Build Vacuum Housing for Goniometer (BL Compnts)	0.00	\$0.00	\$21,296.35	\$0.00	\$21,296.35	48.40	11-Jul-12 0...	14-Dec-12 ...	Build Vacuum Housing for Goniometer (BL Compnts)											
1553020	Write Control Software for Goniometer (BL Compnts)	18.00	\$46,267.20	\$0.00	\$0.00	\$46,267.20	57.40	09-Apr-12 0...	10-Oct-12 ...	Write Control Software for Goniometer (BL Compnts)											
1553025	Check Operation of Goniometer (BL Compnts)	22.00	\$56,548.80	\$0.00	\$0.00	\$56,548.80	48.40	17-Dec-12 0...	27-Mar-13 ...	Check Operation of Goniometer (BL Compnts)											
1553030	Obtain Surplus Mag (BL Compnts)	4.00	\$10,281.60	\$0.00	\$0.00	\$10,281.60	157.00	01-Oct-10 0...	11-Jan-11 ...	Obtain Surplus Mag (BL Compnts)											
1553035	Proc Pair Spectrometer Mag Pwr Supply (BL Compnts)	0.00	\$0.00	\$43,955.67	\$0.00	\$43,955.67	69.40	05-Jan-12 0...	10-Oct-12 ...	Proc Pair Spectrometer Mag Pwr Supply (BL Compnts)											
1553036	Build Pair Spectrometer Vacuum Box (BL Compnts)	10.00	\$16,180.00	\$0.00	\$0.00	\$16,180.00	98.40	03-Oct-11 0...	13-Dec-11 ...	Build Pair Spectrometer Vacuum Box (BL Compnts)											
1553040	Proc Pair Spectrometer Detctr's (BL Compnts)	0.00	\$0.00	\$51,643.65	\$0.00	\$51,643.65	66.40	05-Jan-12 0...	07-Aug-12 ...	Proc Pair Spectrometer Detctr's (BL Compnts)											
1553045	Manufacture, Mount and Test Pair Spectrometer Detctr's (BL Co...)	13.00	\$28,653.20	\$0.00	\$0.00	\$28,653.20	66.40	08-Aug-12 0...	31-Oct-12 ...	Manufacture, Mount and Test Pair Spectrometer Detctr's (BL Co...)											
1553050	Proc Photon Monitors (BL Compnts)	0.00	\$0.00	\$12,777.81	\$0.00	\$12,777.81	63.90	05-Jan-12 0...	10-Jul-12 1...	Proc Photon Monitors (BL Compnts)											
1553055	Test Photon Monitors (BL Compnts)	10.00	\$25,704.00	\$0.00	\$0.00	\$25,704.00	63.90	11-Jul-12 0...	24-Sep-12 ...	Test Photon Monitors (BL Compnts)											
1553060	Proc Roughing Pump (BL Compnts)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	49.00	01-Oct-12 0...	12-Apr-13 ...	Proc Roughing Pump (BL Compnts)											
1553065	Proc Active Collimator Compnts (BL Compnts)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	47.40	05-Jan-12 0...	10-Jul-12 1...	Proc Active Collimator Compnts (BL Compnts)											
1553070	Assemble Active Collimator (BL Compnts)	16.00	\$6,214.40	\$0.00	\$0.00	\$6,214.40	47.40	11-Jul-12 0...	22-Jan-13 ...	Assemble Active Collimator (BL Compnts)											
1553072	Program & test Collimator Table (BL Components)	39.00	\$42,164.00	\$0.00	\$0.00	\$42,164.00	51.40	11-Jul-12 0...	14-Dec-12 ...	Program & test Collimator Table (BL Components)											
1553075	Test Active Collimator (BL Compnts)	32.00	\$6,214.40	\$0.00	\$0.00	\$6,214.40	47.40	23-Jan-13 0...	24-Apr-13 ...	Test Active Collimator (BL Compnts)											
1553080	Proc Passive Collimator Sys (BL Compnts)	0.00	\$0.00	\$63,889.06	\$0.00	\$63,889.06	51.40	05-Jan-12 0...	10-Jul-12 1...	Proc Passive Collimator Sys (BL Compnts)											
1553085	Design Primary Collimator Support (BL Compnts)	11.00	\$19,289.60	\$0.00	\$0.00	\$19,289.60	54.40	05-Jan-12 0...	23-Mar-12 ...	Design Primary Collimator Support (BL Compnts)											
1553090	Fabricate Collimator Support (BL Compnts)	0.00	\$0.00	\$15,972.26	\$0.00	\$15,972.26	54.40	26-Mar-12 0...	18-May-12 ...	Fabricate Collimator Support (BL Compnts)											
1553095	Purchase Lead for Cave Exit Wall (BL Compnts)	0.00	\$0.00	\$53,240.88	\$0.00	\$53,240.88	104.40	05-Jan-12 0...	19-Jan-12 ...	Purchase Lead for Cave Exit Wall (BL Compnts)											
1553100	Prepare Environment for Sweep Magnets (BL Compnts)	10.00	\$16,180.00	\$0.00	\$0.00	\$16,180.00	100.40	03-Oct-11 0...	13-Dec-11 ...	Prepare Environment for Sweep Magnets (BL Compnts)											
1553105	Purchase Slow Control Crate (BL Compnts)	0.00	\$0.00	\$12,751.19	\$0.00	\$12,751.19	80.40	03-Oct-11 0...	14-Oct-11 ...	Purchase Slow Control Crate (BL Compnts)											
1.5.6 INFRASTRUCTURE		764.20	\$1,277,189.68	\$1,222,730.27	\$157,167.08	\$2,657,087.03	0.30	03-Feb-09 0...	08-Apr-14 ...	08-Apr-14: 12:00, 1:5.6:11											
1.5.6.1 ASSEMBLY		132.50	\$251,114.60	\$150,991.14	\$17,037.08	\$419,142.82	28.00	04-Jan-10 0...	10-May-13...	10-May-13 16:00, 1.5.6.1 ASSEMBLY											
1561000M	Delivery Complete for Modules 1-6 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	03-Feb-12 0...		◆ Delivery Complete for Modules 1-6 (Assy)											
1561005M	Delivery Complete for Modules 7-12 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	03-Feb-12 0...		◆ Delivery Complete for Modules 7-12 (Assy)											
1561010M	Delivery Complete for Modules 13-18 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	03-Feb-12 0...		◆ Delivery Complete for Modules 13-18 (Assy)											
1561015M	Delivery Complete for Modules 25-30 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	25.00	12-Mar-12 0...		◆ Delivery Complete for Modules 25-30 (Assy)											
1561020M	Delivery Complete for Modules 31-36 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	76.20	01-Mar-11 0...		◆ Delivery Complete for Modules 31-36 (Assy)											
1561025M	Delivery Complete for Modules 37-42 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	25.00	12-Mar-12 0...		◆ Delivery Complete for Modules 37-42 (Assy)											
1561030M	Delivery Complete for Modules 19-24 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	25.00	12-Mar-12 0...		◆ Delivery Complete for Modules 19-24 (Assy)											
1561035M	Delivery Complete for Modules 43-48 (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	9.00	04-Jul-12 0...		◆ Delivery Complete for Modules 43-48 (Assy)											
1561040M	Delivery Complete for CDC (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	14-Jan-13 0...		◆ Delivery Complete for CDC (Assy)											
1561050M	Complete FDC (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	23.50	15-Oct-12 1...		◆ Complete FDC (Assy)											
1561055M	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.80	04-Jan-10 0...		◆ DUMMY											
1561060M	Delivery Complete for TOF (Assy)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	28.00	01-Apr-13 0...		◆ Delivery Complete for TOF (Assy)											
1561065	Receive Modules 1-6 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	30.00	03-Feb-12 0...	09-Feb-12 ...	I Receive Modules 1-6 (Assy)											
1561070	Receive Modules 7-12 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	30.00	03-Feb-12 0...	09-Feb-12 ...	I Receive Modules 7-12 (Assy)											
1561075	Receive Modules 13-18 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	30.00	03-Feb-12 0...	09-Feb-12 ...	I Receive Modules 13-18 (Assy)											
1561080	Receive Modules 25-30 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	25.00	12-Mar-12 0...	16-Mar-12 ...	I Receive Modules 25-30 (Assy)											
1561085	Receive Modules 31-36 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	34.00	05-Jan-12 0...	11-Jan-12 ...	I Receive Modules 31-36 (Assy)											
1561090	Receive Modules 37-42 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	25.00	12-Mar-12 0...	16-Mar-12 ...	I Receive Modules 37-42 (Assy)											
1561095	Receive Modules 19-24 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	25.00	12-Mar-12 0...	16-Mar-12 ...	I Receive Modules 19-24 (Assy)											
1561100	Receive Modules 43-48 (Assy)	1.20	\$2,128.48	\$2,342.60	\$2,129.64	\$6,600.71	9.00	04-Jul-12 0...	10-Jul-12 1...	I Receive Modules 43-48 (Assy)											
1561105	Prep Modules for Installn (Assy)	11.00	\$18,732.40	\$3,194.45	\$0.00	\$21,926.85	9.00	11-Jul-12 0...	07-Aug-12 ...	I Prep Modules for Installn (Assy)											
1561110	Receive CDC (Assy)	15.00	\$28,914.00	\$2,342.60	\$0.00	\$31,256.60	21.20	14-Jan-13 0...	28-Jan-13 ...	I Receive CDC (Assy)											
1561115	Mounting CDC (Assy)	6.00	\$11,576.80	\$26,620.44	\$0.00	\$38,197.24	21.20	29-Jan-13 0...	26-Feb-13 ...	I Mounting CDC (Assy)											
1561120	Alignment CDC (Assy)	14.00	\$26,389.60	\$0.00	\$0.00	\$26,389.60	21.20	27-Feb-13 0...	26-Mar-13 ...	I Alignment CDC (Assy)											
1561125	Operational Checks CDC (outside Solenoid) (Assy)	20.00	\$36,948.00	\$0.00	\$0.00	\$36,948.00	21.20	27-Mar-13 0...	23-Apr-13 ...	I Operational Checks CDC (outside Sole)											
1561140	Receive FDC (Assy)	10.00	\$18,048.80	\$0.00	\$0.00	\$18,048.80	23.50	15-Oct-12 1...	29-Oct-12 ...	I Receive FDC (Assy)											
1561145	Rail Mounting for FDC (Assy)	17.80	\$39,759.12	\$47,916.79	\$0.00	\$87,675.91	9.00	06-Feb-13 0...	20-Feb-13 ...	I Rail Mounting for FDC (Assy)											

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
1561150	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.60	04-Jan-10 0...	04-Jan-10 ...								
1561155	Assemble BCal Wedges (Assy)	15.00	\$28,007.60	\$42,592.70	\$0.00	\$70,600.30	9.00	08-Aug-12 0...	05-Sep-12 ...								
1561160	Receive TOF Detector Units (Assy)	1.50	\$2,894.20	\$0.00	\$0.00	\$2,894.20	28.00	01-Apr-13 0...	12-Apr-13 ...								
1561165	Mount TOF Counters onto Detector Frame (Assy)	12.60	\$22,816.24	\$9,583.36	\$0.00	\$32,399.60	28.00	15-Apr-13 0...	10-May-13 ...								
1.5.6.2 INSTALLATION		591.70	\$954,784.68	\$966,322.19	\$140,130.00	\$2,061,236.87	0.30	03-Feb-09 0...	08-Apr-14 ...								
1562010E	FY10 Travel (Installtn)	0.00	\$0.00	\$0.00	\$1,277.78	\$1,277.78	13.80	01-Oct-09 0...	30-Sep-10 ...								
1562010M	Tagger Magnets Fabled (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	48.60	28-Aug-12 0...									
1562011E	FY11 Travel (Installtn)	0.00	\$0.00	\$0.00	\$1,277.78	\$1,277.78	13.80	01-Oct-10 0...	30-Sep-11 ...								
1562012E	FY12 Travel (Installtn)	0.00	\$0.00	\$0.00	\$1,277.78	\$1,277.78	13.80	03-Oct-11 0...	28-Sep-12 ...								
1562013E	FY13 Travel (Installtn)	0.00	\$0.00	\$0.00	\$1,277.78	\$1,277.78	13.80	01-Oct-12 0...	30-Sep-13 ...								
1562014E	FY14 Travel (Installtn)	0.00	\$0.00	\$0.00	\$319.45	\$319.45	13.80	01-Oct-13 0...	30-Dec-13 ...								
1562015M	Assy of CDC (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	21.20	24-Apr-13 0...									
1562020M	Shipment of Bcal Modules (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	10.00	04-Jul-12 0...									
1562025M	Assy of Fcal (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	41.80	23-Jul-12 0...									
1562035M	Assy of TOF (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	38.00	01-Apr-13 0...									
1562040M	Testing of Electrc's (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	33.00	20-Sep-12 0...									
1562045	Install Tagger Magnets & Chamber (Installtn)	16.00	\$29,625.60	\$27,685.26	\$0.00	\$57,310.86	48.60	28-Aug-12 0...	30-Oct-12 ...								
1562050	Install Tagger Pwr Supply (Installtn)	12.40	\$20,309.28	\$10,648.18	\$0.00	\$30,957.46	60.40	27-Jun-12 0...	24-Jul-12 1...								
1562055	Install LCW Connections (Installtn)	6.00	\$10,642.40	\$2,129.64	\$0.00	\$12,772.04	60.40	25-Jul-12 0...	21-Aug-12 ...								
1562060	Survey & Align Magnets (Installtn)	11.00	\$18,732.40	\$0.00	\$21,296.35	\$40,028.75	48.60	31-Oct-12 0...	13-Nov-12 ...								
1562061	Field Map Tagging Magnet (Installtn)	44.00	\$17,089.60	\$0.00	\$0.00	\$17,089.60	48.60	14-Nov-12 0...	19-Feb-13 ...								
1562065	Install Pwr for Tagger Electrc's (Installtn)	0.00	\$0.00	\$5,324.09	\$0.00	\$5,324.09	55.00	12-Nov-12 0...	11-Dec-12 ...								
1562070	Install Cooling for Tagger Electrc's (Installtn)	0.00	\$0.00	\$3,194.45	\$0.00	\$3,194.45	55.00	29-Oct-12 0...	09-Nov-12 ...								
1562075	Install Fire Protection for Tagger Electrc's (Installtn)	0.00	\$0.00	\$22,361.17	\$0.00	\$22,361.17	55.00	15-Oct-12 0...	26-Oct-12 ...								
1562080	Install Hodoscope (Installtn)	4.40	\$7,492.96	\$0.00	\$10,648.18	\$18,141.14	23.40	19-Aug-13 0...	30-Aug-13 ...								
1562085	Install Tagger Electronic Racks (Installtn)	4.40	\$7,454.88	\$0.00	\$0.00	\$7,454.88	55.00	01-Oct-12 0...	12-Oct-12 ...								
1562086	Install Tagger Electronic Crates (Installtn)	0.00	\$0.00	\$0.00	\$6,388.91	\$6,388.91	55.00	12-Dec-12 0...	02-Jan-13 ...								
1562090	Install Tagger Electrc's (Installtn)	6.20	\$10,154.64	\$0.00	\$4,259.27	\$14,413.91	55.00	03-Jan-13 0...	16-Jan-13 ...								
1562091M	Tagger Ready For Beam (Installtn)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	24.40		07-Oct-13 ...								
1562095	Cable Hodoscope to Electrc's (Installtn)	4.20	\$6,941.04	\$0.00	\$7,453.72	\$14,394.76	23.40	03-Sep-13 0...	16-Sep-13 ...								
1562096	Install Permanent Magnet Stand (Installtn)	1.00	\$1,618.00	\$0.00	\$0.00	\$1,618.00	24.40	03-Sep-13 0...	09-Sep-13 ...								
1562097	Install Permanent Magnet (Installtn)	4.00	\$6,472.00	\$0.00	\$0.00	\$6,472.00	24.40	10-Sep-13 0...	07-Oct-13 ...								
1562098	Install Tagger Quad Stand & Magnet (Installtn)	11.00	\$17,798.00	\$0.00	\$0.00	\$17,798.00	48.40	28-Mar-13 0...	03-Apr-13 ...								
1562100	Fab Collimator Cave Vac (Installtn)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	160.00	05-Jan-10 0...	30-Sep-10 ...								
1562105	Fab Collimator Cave Stands (Installtn)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	209.60	03-Feb-09 0...	30-Sep-09 ...								
1562110	Proc Collimator #2 and Obtain SEG Blocks (Installtn)	1.20	\$2,128.48	\$20,231.53	\$0.00	\$22,360.01	87.40	05-Jan-12 0...	06-Apr-12 ...								
1562115	Obtain Collimator Concrete Shielding (Installtn)	1.20	\$2,128.48	\$20,231.53	\$0.00	\$22,360.01	91.40	05-Jan-12 0...	06-Apr-12 ...								
1562120	Obtain Lead Shielding for Wall (Installtn)	1.00	\$1,618.00	\$20,231.53	\$0.00	\$21,849.53	93.40	05-Jan-12 0...	06-Apr-12 ...								
1562125	Install Primary Collimator (Installtn)	7.00	\$12,260.40	\$12,777.81	\$0.00	\$25,038.21	64.40	11-Jul-12 0...	05-Sep-12 ...								
1562130	Install Collimator Mag Sweep # 1 (Installtn)	7.00	\$12,260.40	\$13,842.63	\$0.00	\$26,103.03	64.40	06-Sep-12 0...	19-Sep-12 ...								
1562135	Install Collimator #2 (Installtn)	5.00	\$9,024.40	\$15,972.26	\$0.00	\$24,996.66	64.40	20-Sep-12 0...	03-Oct-12 ...								
1562140	Install Collimator Concrete Shielding (Installtn)	3.00	\$5,788.40	\$20,231.43	\$0.00	\$26,019.83	63.90	22-Oct-12 1...	05-Nov-12 ...								
1562145	Install Collimator Lead Shielding Wall (Installtn)	3.00	\$5,788.40	\$19,166.72	\$0.00	\$24,955.12	63.90	05-Nov-12 1...	19-Nov-12 ...								
1562149	Installation Safety & Planning Platform #5 (Installtn)	10.00	\$16,180.00	\$0.00	\$0.00	\$16,180.00	64.20	17-May-10 ...	27-Jul-10 1...								
1562150	Install Cryogenic Transfer Line (Installtn)	0.00	\$0.00	\$17,037.08	\$0.00	\$17,037.08	64.20	28-Jul-10 0...	24-Aug-10 ...								
1562155	Install Cryogenic Instrmentn (Installtn)	16.60	\$27,250.32	\$0.00	\$0.00	\$27,250.32	75.20	25-Aug-10 0...	22-Sep-10 ...								
1562160	Test Cryogenic Transfer Line (Installtn)	14.60	\$24,183.44	\$0.00	\$0.00	\$24,183.44	75.20	23-Sep-10 0...	06-Oct-10 ...								
1562165	Install Pair Spectrometer (Installtn)	4.60	\$8,003.44	\$6,388.91	\$0.00	\$14,392.35	63.90	19-Nov-12 1...	19-Dec-12 ...								
1562170	Install Photon Monitors (Installtn)	2.00	\$3,236.00	\$0.00	\$11,180.58	\$14,416.58	63.90	24-Sep-12 1...	08-Oct-12 ...								
1562175	Install Target and Start Counter Inside Detector (Installtn) (IPL)	16.00	\$25,888.00	\$21,296.35	\$0.00	\$47,184.35	11.20	06-Jan-14 0...	17-Jan-14 ...								
1562180	Install Photon BL Tag Hall (Installtn)	3.00	\$4,854.00	\$2,662.05	\$0.00	\$7,516.05	48.40	04-Apr-13 0...	17-Apr-13 ...								
1562181	Install Photon BL Colli. Cave (Installtn)	3.00	\$4,854.00	\$2,662.04	\$0.00	\$7,516.04	63.90	08-Oct-12 1...	22-Oct-12 ...								
1562185	Install Racks Counting Room (Installtn)	4.20	\$6,985.84	\$10,648.18	\$0.00	\$17,634.02	67.50	11-Aug-11 0...	08-Sep-11 ...								
1562190	Install Pwr to Racks Counting Room (Installtn)	0.00	\$0.00	\$21,935.24	\$0.00	\$21,935.24	67.50	09-Sep-11 0...	09-Nov-11 ...								
1562195	Install Cooling to Racks in Counting Room (Installtn)	0.00	\$0.00	\$3,194.45	\$0.00	\$3,194.45	67.50	09-Nov-11 1...	20-Jan-12 ...								
1562200	Install Fire Protection to Racks in Counting Room (Installtn)	0.00	\$0.00	\$21,935.24	\$0.00	\$21,935.24	67.50	23-Jan-12 0...	23-Mar-12 ...								
1562205	Install Computers in Counting Room (Installtn)	0.00	\$0.00	\$10,648.18	\$0.00	\$10,648.18	38.00	22-Oct-12 0...	16-Nov-12 ...								

Activity ID	Activity Name	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	Start	Finish	2008	2009	2010	2011	2012	2013	2014	2015
1562485	Install Start Counter Onto Target (Installtn)	9.00	\$15,496.40	\$0.00	\$0.00	\$15,496.40	9.00	27-Nov-13 0...	03-Jan-14 ...								
1562490	Cable Start Counter to Electrc's (Installtn)	4.20	\$6,941.04	\$0.00	\$0.00	\$6,941.04	9.00	06-Jan-14 0...	21-Jan-14 ...								
1562495	Test Start Counter (Installtn)	5.20	\$8,547.84	\$0.00	\$0.00	\$8,547.84	9.00	22-Jan-14 0...	04-Feb-14 ...								
1562500	Comp Readout Electrc's (Installtn)	9.40	\$16,451.28	\$0.00	\$0.00	\$16,451.28	33.00	22-Aug-12 0...	19-Sep-12 ...								
1562502M	DUMMY	0.00	\$0.00	\$0.00	\$0.00	\$0.00	3.80	04-Jan-10 0...									
1562505	Install Trigger Electrc's (Installtn)	10.00	\$16,068.00	\$0.00	\$0.00	\$16,068.00	28.40	14-Jun-13 0...	12-Jul-13 1...								
1562510	Check-out Trigger Electrc's (Installtn)	7.00	\$12,210.00	\$0.00	\$0.00	\$12,210.00	20.00	12-Sep-13 0...	09-Oct-13 ...								
1562515	Check-out Readout Electrc's (Installtn)	7.00	\$12,210.00	\$0.00	\$0.00	\$12,210.00	13.00	02-Dec-13 0...	06-Jan-14 ...								
1.5.6.3 CRYOGENICS		40.00	\$71,290.40	\$105,416.94	\$0.00	\$176,707.34	66.60	05-Jan-10 0...	09-Jul-10 1...								
1563005	Proc U-tubes (CRYOGENICS)	2.00	\$4,170.40	\$17,037.08	\$0.00	\$21,207.48	66.60	05-Jan-10 0...	09-Jul-10 1...								
1563010	Proc Warm Gas Plumbing (CRYOGENICS) (IPL)	11.00	\$19,003.60	\$17,037.08	\$0.00	\$36,040.68	66.60	05-Jan-10 0...	09-Jul-10 1...								
1563015	Proc Transfer Line from Cryo Shed to Mag (CRYOGENICS) (IPL)	14.00	\$24,806.80	\$66,018.69	\$0.00	\$90,825.49	66.60	05-Jan-10 0...	09-Jul-10 1...								
1563020	Proc Cryogenic Instrmentn (CRYOGENICS)	13.00	\$23,309.60	\$5,324.09	\$0.00	\$28,633.69	66.60	05-Jan-10 0...	09-Jul-10 1...								