

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08												FY09												FY10												FY11												FY12												
<b>1.2.04.01 Detector Support and Integration</b>																																																																						
<b>9100241 XPP 2-D X-Ray Detector (BNL)</b>																																																																						
XPP 05400	Detector Physicists Efforts FY08-Q1 & Q2	121		10/01/07A	03/31/08A	10/01/07A	03/31/08A	HIST_M&S, HIST_LBR	39,396.00	█ Detector Physicists Efforts FY08-Q1 & Q2																																																												
<b>9110241 Detector Support and Integration</b>																																																																						
BL 01070	July 2008 Detector Advisory Committee Review	2		05/05/08A	05/06/08A	05/05/08A	05/06/08A		0.00	↓ July 2008 Detector Advisory Committee Review																																																												
BL 01080	January 2009 Detector Advisory Committee Review	0			12/19/08A		12/19/08A		0.00	◆ January 2009 Detector Advisory Committee Review																																																												
BL 01105	XPP Detector Management FY08	262		10/01/07A	09/30/08A	10/01/07A	09/30/08A	BL_SCI03, BL_TRVL, BL_PCG	33,807.00	█ XPP Detector Management FY08																																																												
BL 01110	XPP MOU Technical Addendum FY09	43		12/01/08A	01/30/09A	12/01/08A	01/30/09A		0.00	█ XPP MOU Technical Addendum FY09																																																												
BL 01115	XPP Detector Management FY09	249*	614	10/01/08A	09/30/09	10/01/08A	03/30/12	BL_TRVL, BL_SCI03	13,106.00	█ XPP Detector Management FY09																																																												
BL 01470	Assemble XPP Detector Head	10	81	09/28/09	10/09/09	02/04/10	02/17/10	BL_SCI03	80.00	↓ Assemble XPP Detector Head																																																												
BL 01472	XPP Detector Functional Tests	20	81	10/12/09	11/06/09	02/18/10	03/17/10	BL_EE2, BL_ME1, BL_EE1	160.00	█ XPP Detector Functional Tests																																																												
BL 01474	XPP Detector Beam Test	30	81	11/09/09	01/05/10	03/18/10	04/28/10	BL_EE2, BL_SCI04, BL_SCI03	240.00	█ XPP Detector Beam Test																																																												
BL 01476	XPP Detector Calibration	20	81	01/06/10	02/02/10	04/29/10	05/26/10	BL_EE2, BL_SCI04, BL_SCI03	160.00	█ XPP Detector Calibration																																																												
BL 01480	XPP Completed - System Assembled & Tested at BNL	0	81		02/02/10		05/26/10		0.00	◆ XPP Completed - System Assembled & Tested at BNL																																																												
BL 01490	XPP Detector System Delivery to SLAC	0	81		02/02/10		05/26/10		0.00	◆ XPP Detector System Delivery to SLAC																																																												
BL 01500	XPP Detector System Commissioning at SLAC	60	342	08/11/10	11/02/10	01/04/12	03/30/12	BL_SCI03, BL_EE2, BL_SCI04	320.00	█ XPP Detector System Commissioning at SLAC																																																												
BL 01510	XPP Completed - System Commissioned at SLAC	0	342		11/02/10		03/30/12		0.00	◆ XPP Completed - System Commissioned at SLAC																																																												
XPP 05410	Detector Physicists Efforts FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_PHSS, HIST_LBR	34,594.91	█ Detector Physicists Efforts FY08-Q3 & Q4																																																												
XPP 05420	Detector Physicists Efforts Oct08	23		10/01/08A	10/31/08A	10/01/08A	10/31/08A	SL_PHSS, HIST_LBR	3,861.59	█ Detector Physicists Efforts Oct08																																																												
XPP 05425	Detector Physicists Efforts Rem FY09	226*	65	11/03/08A	09/30/09	11/03/08A	01/15/10	SL_PHSS	458.16	█ Detector Physicists Efforts Rem FY09																																																												
XPP 05470	REQD: XPP 120Hz Camera Controls HW & SW	0	342		08/10/10		01/03/12		0.00	◆ REQD: XPP 120Hz Camera Controls HW & SW																																																												
<b>1.2.04.02 Detector Sensor</b>																																																																						
<b>9110242 Detector Sensor</b>																																																																						
BL 01260	Further XPP array optimization	60		05/01/08A	09/30/08A	05/01/08A	09/30/08A	BL_MSHV, BL_EE1	39,299.00	█ Further XPP array optimization																																																												
BL 01261	Apr08 through Sep08 Plan Adjustment	21		09/01/08A	09/30/08A	09/01/08A	09/30/08A	HIST_M&S	102,123.00	█ Apr08 through Sep08 Plan Adjustment																																																												
BL 01270	XPP Design Finalized	0			12/19/08A		12/19/08A		0.00	◆ XPP Design Finalized																																																												
BL 01280	XPP Fab full size arrays	70	102	10/01/08A	04/06/09	10/01/08A	08/26/09	BL_SCI01, BL_SCI04	640.00	█ XPP Fab full size arrays																																																												
BL 01290	XPP Pack. Completed - Fabricate Large area array	0	741		04/06/09		03/30/12		0.00	◆ XPP Pack. Completed - Fabricate Large area array																																																												
BL 01300	XPP Test Full size Array	60	102	04/07/09	06/29/09	08/27/09	11/18/09	BL_SCI04, BL_SCI02,	30,096.00	█ XPP Test Full size Array																																																												
BL 01310	XPP Test Full size Array Completed	0	681		06/29/09		03/30/12		0.00	◆ XPP Test Full size Array Completed																																																												
BL 01320	XPP Assemble final detector sensor	43	102	06/30/09	08/27/09	11/19/09	02/03/10	BL_EE2, BL_SCI04	120.00	█ XPP Assemble final detector sensor																																																												
BL 01330	XPP Completed - Final pixel arrays available	0	102		08/27/09		02/03/10		0.00	◆ XPP Completed - Final pixel arrays available																																																												





Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08			FY09			FY10			FY11			FY12			
BL 01730	XCS Completed - ASIC First Article Fabricated	0	277		10/09/09		11/18/10		0.00																
BL 01732	XCS ASIC 1 Test	30	277	10/12/09	11/20/09	11/19/10	01/17/11	BL_MSMA, BL_EE1, BL_EE2	30,240.00																
BL 01735	XCS ASIC 2 Design	100	277	11/23/09	04/27/10	01/18/11	06/06/11	BL_EE1	800.00																
BL 01755	XCS ASIC 2 Fabrication	40	277	04/28/10	06/22/10	06/07/11	08/01/11	BL_MSMA	30,000.00																
BL 01765	XCS ASIC 2 Test	40	277	06/23/10	08/17/10	08/02/11	09/26/11	BL_EE1, BL_EE2	240.00																
<b>1.4.03.04 Detector Controls and Electronics</b>																									
<b>9110434 Detector Controls, Electronics and DAQ</b>																									
BL 01740	XCS Test PCBs	30	337	08/17/09	09/25/09	01/04/11	02/14/11	BL_ED1	240.00																
BL 01750	XCS PCBs Completed	0	337		09/25/09		02/14/11		0.00																
BL 01760	XCS Build Test System	60	337	09/28/09	01/05/10	02/15/11	05/09/11	BL_CPSCT, BL_ME1, BL_MSMA	30,480.00																
BL 01790	XCS Design and Fabrication of PCBs	80	337	01/06/10	04/27/10	05/10/11	08/29/11	BL_EE2, BL_ED1	768.00																
BL 01800	XCS Mechanical Housing Design and Fab	20	327	05/12/10	06/08/10	08/30/11	09/26/11	BL_MT1	160.00																
BL 01810	XCS Completed - Package design	0	327		06/08/10		09/26/11		0.00																
BL 01970	XCS FPGA Coding	100	367	09/28/09	03/02/10	03/29/11	08/15/11	BL_ME1, BL_CPSCT	800.00																
BL 01975	XCS Test with RCE	30	367	03/03/10	04/13/10	08/16/11	09/26/11	BL_ME1, BL_EE2	240.00																
BL 01980	XCS DAQ and Controls Completed	0	367		04/13/10		09/26/11		0.00																