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 Baseline Milestone
 Completed Act

 Milestone

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 Data Date: 11-Apr-14
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Activity ID	Activity Name	Finish	Baseline Finish	Finish Variance	Comments	ALL - Design_Rev	FY2014					FY2015					FY2016					FY2017								
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M		A	M	J	J	A	S	O	N
	512	Cost and Schedule complete	27-Aug-14*	27-Aug-14	0	Boyce																								
	513	LCLSII Internal baseline established	03-Sep-14*	03-Sep-14	0	Boyce																								
LCLS 2- REV.1.01.04 Configuration Management & Documen		23-Jan-15	23-Jan-15	0																										
LCLS 2- REV.1.01.04.01 Configuration Management & Docu		23-Jan-15	23-Jan-15	0																										
Grouping: PO.QA QA		23-Jan-15	23-Jan-15	0																										
	522	Comp: Project QA Training Program Complete	01-Aug-14*	01-Aug-14	0	Marsh/QA																								
	523	Comp: QA Training of SLAC Mgmt & SM Complete	19-Sep-14*	19-Sep-14	0	Marsh/QA																								
	524	Comp: QA Training of SLAC CAMs and Lead Staff C	31-Oct-14*	31-Oct-14	0	Marsh/QA																								
	525	Comp: QA Training of PL STLs' CAMs and Lead Sta	23-Jan-15*	23-Jan-15	0	Marsh/QA																								
LCLS 2- REV.1.02 Accelerator Systems		24-Apr-17	24-Apr-17	0																										
No Grouping		11-Jul-16	11-Jul-16	0																										
	230	Accelerator Systems Review PDR	12-Dec-14*	12-Dec-14	0	Chan	PDR.SR																							
	938	Accelerator Systems Review FDR	11-Jul-16*	11-Jul-16	0	Chan	FDR																							
LCLS 2- REV.1.02.02 Injector System		15-Feb-17	15-Feb-17	0																										
No Grouping		21-Oct-15	21-Oct-15	0																										
	228	Injector System Review PDR	21-Nov-14*	21-Nov-14	0	DeContreras	PDR.SR																							
	928	Injector System Review FDR	21-Oct-15*	21-Oct-15	0	DeContreras	FDR.SR																							
LCLS 2- REV.1.02.02.05 Injector Engineering & Design		15-Feb-17	15-Feb-17	0																										
No Grouping		15-Feb-17	15-Feb-17	0																										
	227	Laser Safety System Review - PDR	17-Aug-15*	17-Aug-15	0	DeContreras	PDR.SR																							
	978	Laser Safety System Review - FDR	15-Feb-17*	15-Feb-17	0	DeContreras	FDR.SR																							
LCLS 2- REV.1.02.03 Injector Source - LBNL		24-Apr-17	24-Apr-17	0																										
Grouping: PRD PRD's		20-Oct-14	20-Oct-14	0																										
	1260	COMP: FRS - Injector Source	30-Jul-14*	30-Jul-14	0	Sannibale (LBNL)	FRS																							
	1265	COMP: FRS - Gun	27-Aug-14*	27-Aug-14	0	Sannibale (LBNL)	FRS																							
	1270	COMP: FRS - Buncher	27-Aug-14*	27-Aug-14	0	Sannibale (LBNL)	FRS																							
	1275	COMP: FRS - Solenoid	27-Aug-14*	27-Aug-14	0	Sannibale (LBNL)	FRS																							
	1280	COMP: FRS - DCR system	28-Aug-14*	28-Aug-14	0	Sannibale (LBNL)	FRS																							
	1285	COMP: FRS - Gun and Load Lock	20-Oct-14*	20-Oct-14	0	Sannibale (LBNL)	FRS																							
Grouping: ICD ICD's		01-Dec-14	01-Dec-14	0																										
	1290	COMP: ICD - Preliminary Injector Source	01-Dec-14*	01-Dec-14	0	Sannibale (LBNL)	ICD																							
No Grouping		30-Jan-15	30-Jan-15	0																										
	1300	COMP: FRS - Injector Source	29-Sep-14*	29-Sep-14	0	Wells?	FRS																							
	1295	PDR Complete Injector Source (SYSTEM LEVEL??'	30-Jan-15*	30-Jan-15	0	Wells	PDR.SR																							
LCLS 2- REV.1.02.03.05 Engineering & Design		24-Apr-17	24-Apr-17	0																										
No Grouping		24-Apr-17	24-Apr-17	0																										
	258	FDR Complete Gun (L4)	30-Sep-15*	30-Sep-15	0	Wells	FDR																							
	1250	Completion of APEX High Brightness R&D (L4)	01-Oct-15*	01-Oct-15	0	Wells	FDR																							
	259	FDR Complete Beamline Components (L4)	17-Dec-15*	17-Dec-15	0	Wells	FDR																							
	1221	Beam Diagnostics Complete (L4)	31-Aug-16*	31-Aug-16	0	Wells																								
	1225	Solenoid Magnets and Active Positioning System Cor	31-Oct-16*	31-Oct-16	0	Wells																								

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LCLS-2	1230	Gun "Cold" Test Complete (L4)	18-Jan-17*	18-Jan-17	0	Wells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

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	578	K-B Mirror ESD	01-Oct-15*	01-Oct-15	0	Cocco/Krywinski	ESD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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	858	1.3 GHz Infra-FDR	01-Oct-14*	01-Oct-14	0	Ginsburg/Arkan	FDR																					
	435	3.9 GHz CM PDR	06-Oct-14*	06-Oct-14	0	Ginsburg	PDR																					
	436	3.9 GHz CM ESD released	21-Nov-14*	21-Nov-14	0	Ginsburg	ESD																					
	431	1.3 GHz production CM FDR	27-Feb-15*	27-Feb-15	0	Ginsburg	FDR																					
	432	1.3 GHz production CM PRR Fabrication Readiness	29-Apr-15*	29-Apr-15	0	Ginsburg	PRR																					
	437	3.9 GHz CM FDR	07-Jul-15*	07-Jul-15	0	Ginsburg	FDR																					
	438	3.9 GHz CM PRR Fabrication Readiness Review	31-Jul-15*	31-Jul-15	0	Ginsburg/Arkan	PRR																					
LCLS 2- REV.1.04.06 Cryomodule - JLAB		01-Oct-14	01-Oct-14	0																								
LCLS 2- REV.1.04.06.05 Engineering & Design		01-Oct-14	01-Oct-14	0																								
No Grouping		01-Oct-14	01-Oct-14	0																								
868	1.3 GHz Infra-FRS	01-May-14*	01-May-14	0	Preble/Daly	FRS																						
878	1.3 GHz Infra-PDR	01-Aug-14*	01-Aug-14	0	Preble/Daly	PDR																						
888	1.3 GHz Infra-FDR	01-Oct-14*	01-Oct-14	0	Preble/Daly	FDR																						
LCLS 2- REV.1.04.08 Cryogenics Plant - JLAB		15-Apr-19	15-Apr-19	0																								
LCLS 2- REV.1.04.08.05 Cryo Plant Engineering & Design		03-Jan-17	03-Jan-17	0																								
No Grouping		03-Jan-17	03-Jan-17	0																								
399	Cryoplant Specification Preliminary-PRR	30-Jun-14*	30-Jun-14	0	Arenius	PRR																						
403	Cryoplant Civil and Distribution-FRS	09-Jul-14*	09-Jul-14	0	Klebaner	FRS																						
392	Cryoplant 4.5K Cold Box-PRR	11-Sep-14*	11-Sep-14	0	Arenius	PRR																						
400	Cryoplant Specification Final-PRR	30-Sep-14*	30-Sep-14	0	Arenius	PRR																						
414	Cryoplant 4.5K Cold Box Specification Release-ESD	30-Sep-14*	30-Sep-14	0	Arenius	ESD																						
415	Cryoplant 2K Cold Compressor Specification Release-ESD	24-Oct-14*	24-Oct-14	0	Arenius	ESD																						
410	Cryoplant Warm He Compressor Specification Release-ESD	31-Oct-14*	31-Oct-14	0	Arenius	ESD																						
411	Cryoplant Motor Control Center Specification Release-ESD	10-Nov-14*	10-Nov-14	0	Arenius	ESD																						
405	Cryoplant Gas Management Design Complete-ESD	19-Nov-14*	19-Nov-14	0	Arenius	ESD																						
412	Cryoplant Internal Major Equipment Engineering Design Review	11-Dec-14*	11-Dec-14	0	Arenius	PRR																						
406	Cryoplant Helium Gas Storage Vessel Documentation Complete-ESD	05-Jan-15*	05-Jan-15	0	Arenius	ESD																						
409	Cryoplant LN2 Dewar Design Complete-ESD	05-Jan-15*	05-Jan-15	0	Arenius	ESD																						
413	Cryoplant Compressor Oil Removal System Design Documentation Complete-ESD	05-Jan-15*	05-Jan-15	0	Arenius	ESD																						
407	Cryoplant Helium Purifier Specification Complete-ESD	06-Mar-15*	06-Mar-15	0	Arenius	ESD																						
404	Cryoplant P&IDs Complete-ESD	16-Mar-15*	16-Mar-15	0	Arenius	ESD																						
416	Cryoplant 2K Cold Box Assembly Design -ESD	20-Apr-15*	20-Apr-15	0	Arenius	ESD																						
408	Cryoplant Cold Box Transfer Line Design Complete-ESD	05-Jun-15*	05-Jun-15	0	Arenius	ESD																						
417	Cryoplant Safety Design Complete-ESD	15-Jul-15*	15-Jul-15	0	Arenius/Klebaner	ESD																						
418	Cryoplant Vac/Instrument Air Systems/Emergency Gas System Design Complete-ESD	02-Nov-15*	02-Nov-15	0	Arenius	ESD																						
419	Cryoplant Installation Mech Piping Design Complete-ESD	03-Jan-17*	03-Jan-17	0	Arenius	ESD																						
LCLS 2- REV.1.04.08.06 4.5K He refrigeration system w/cold		15-Apr-19	15-Apr-19	0																								
Grouping: 4.5 4.5 Cold Box		15-Apr-19	15-Apr-19	0																								
389	Vendor RFI Meeting at JLab	11-Apr-14*	18-Mar-14	-18	Arenius																							
1169	4.5K Cold Box Procurement Documentation Release	11-Sep-14*	11-Sep-14	0	Arenius																							
393	4.5K Cold Box RFQ release - PRR	03-Oct-14*	03-Oct-14	0	Arenius																							
394	4.5K Cold Box Quotations Received	15-Jan-15*	15-Jan-15	0	Arenius																							

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