

ID		Task Name	Duration	Start	Finish	January 1		April 11		July 21		November 1		February	
						1/19	3/9	4/27	6/15	8/3	9/21	11/9	12/28	2/15	
1		LCLS-II Critical Decision 1 Planning Dates													
2		Updates 3/24/14 RMB													
3		Conceptual Design Report	85 days	Wed 9/18/13	Tue 1/14/14										
15		Cost, Schedule and BOE for CD-1	47 days	Wed 9/18/13	Thu 11/21/13										
26		RMP & RR (RMB/ K. Flick)	112 days	Wed 9/18/13	Thu 2/20/14		2/20								
31		QAP (D. Marsh)	85 days	Wed 9/18/13	Tue 1/14/14										
35		PHAR (J. Healy)	60 days	Wed 9/18/13	Tue 12/10/13										
39		PPEP (M. Reichanadter)	90 days	Wed 9/18/13	Tue 1/21/14										
45		Critical Decision -1 & Reviews	91 days	Fri 11/22/13	Mon 3/31/14										
56		DOE Status Reviews	165 days	Fri 2/7/14	Thu 9/25/14										
57		ED&I work; prep for Status Review	110 days	Fri 2/7/14	Thu 7/10/14										
58		External FAC Review	5 days	Fri 7/11/14	Thu 7/17/14										
59		Presentation Preparation & Dry Run	15 days	Fri 7/18/14	Thu 8/7/14										
60		Post for Director's Review	3 days	Fri 8/8/14	Tue 8/12/14										
61		Director's Status Review	3 days	Fri 8/22/14	Tue 8/26/14										
62		Presentation Preparation & Dry Run	15 days	Wed 8/27/14	Tue 9/16/14										
63		Post for DOE Review	3 days	Wed 9/17/14	Fri 9/19/14										
64		DOE Status Review	3 days	Tue 9/23/14	Thu 9/25/14										
65		Final Design Report	188 days	Tue 4/15/14	Thu 1/1/15										
66		Global Requirement Document Review and Finalization	10 days	Tue 4/15/14	Mon 4/28/14										
67		Start Final Design Report - Chapter Outline & Assignments	3 days	Tue 7/8/14	Thu 7/10/14										
68		Chapter writing	20 days	Fri 7/11/14	Thu 8/7/14										
69		FDR Draft Internal Review 1	5 days	Fri 8/8/14	Thu 8/14/14										
70		Chapter writing	20 days	Fri 8/15/14	Thu 9/11/14										
71		FDR Draft Internal Review 2	5 days	Fri 9/12/14	Thu 9/18/14										
72		Chapter writing	20 days	Fri 9/19/14	Thu 10/16/14										
73		FDR Draft Internal Review 3	5 days	Fri 10/17/14	Thu 10/23/14										
74		FDR Final Draft Complete (for external review)	0 days	Thu 10/23/14	Thu 10/23/14										
75		FDR Update and Completion (EIR comments)	20 days	Fri 11/21/14	Thu 12/18/14										
76		FDR Update, Editing and Completion (Dir Review comments)	10 days	Fri 12/19/14	Thu 1/1/15										
77		Final FDR for DOE Posting	0 days	Thu 1/1/15	Thu 1/1/15										
78		Cost, Schedule and BOE for CD-2/3	151 days	Fri 2/7/14	Fri 9/5/14										
79		WBS, RLS & cost input	60 days	Fri 2/7/14	Thu 5/1/14										
80		Management Cost review 1	1 day	Fri 5/2/14	Fri 5/2/14										
81		WBS, RLS & cost input	20 days	Mon 5/5/14	Fri 5/30/14										
82		Management External Cost review	5 days	Mon 6/2/14	Fri 6/6/14										

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83	Resource Levelling, spend plan & funding Profile	45 days	Mon 6/9/14	Fri 8/8/14									
84	Comp: Resource Levelling, cost schedule adjustment	0 days	Fri 8/8/14	Fri 8/8/14									
85	Scope & WBS Finalized at L4	0 days	Fri 8/8/14	Fri 8/8/14									
86	Management review of WBS, RLS & Cost	5 days	Mon 8/11/14	Fri 8/15/14									
87	WBS, RLS & cost input	10 days	Mon 8/18/14	Fri 8/29/14									
88	Cost and Schedule complete	0 days	Fri 8/29/14	Fri 8/29/14									
89	Final schedule review and integration	5 days	Mon 9/1/14	Fri 9/5/14									
90	LCLS-II Internal baseline established	0 days	Fri 9/5/14	Fri 9/5/14									
91	Critical Decision-2/3 & Reviews	146 days?	Mon 9/8/14	Tue 3/31/15									
92	Review of Final Design (External FAC members)	20 days	Fri 10/24/14	Thu 11/20/14									
93	Monthly Status Reports / Preparation & Dry Run	60 days	Mon 9/8/14	Fri 11/28/14									
94	Post for Director's Review	1 day	Mon 12/1/14	Mon 12/1/14									
95	CD-2/3 Director's Review	3 days	Tue 12/9/14	Thu 12/11/14									
96	Final cost & schedule adjustments	16 days	Fri 12/12/14	Fri 1/2/15									
97	LCLS-II Internal baseline reset (if reqd)	0 days	Fri 1/2/15	Fri 1/2/15									
98	Presentation Preparation & Dry Run	11 days	Mon 1/5/15	Mon 1/19/15									
99	SLAC Shutdown/Holiday Break	10 days	Tue 12/23/14	Mon 1/5/15									
100	Post for DOE Review	2 days	Tue 1/20/15	Wed 1/21/15									
101	APM Indepent Cost Review	3 days	Wed 1/21/15	Fri 1/23/15									
102	CD-2/3 DOE Review	3 days	Tue 2/3/15	Thu 2/5/15									
103	CD-2/3 ESSAB Approval	0 days	Tue 3/31/15	Tue 3/31/15									
104													
105	Documentation	265 days	Mon 1/20/14	Fri 1/23/15									
106	PEP (M. Reichanadter)	35 days	Tue 7/1/14	Mon 8/18/14									
107	1st draft & review	10 days	Tue 7/1/14	Mon 7/14/14									
108	2nd draft & review	10 days	Tue 7/15/14	Mon 7/28/14									
109	Final edits & ready posting	10 days	Tue 7/29/14	Mon 8/11/14									
110	Update for DOE Review	5 days	Tue 8/12/14	Mon 8/18/14									
111	Final Version for Posting	0 days	Mon 8/18/14	Mon 8/18/14									
112	EA, SHPO (I. Evans)	126 days	Mon 1/20/14	Tue 7/15/14									
113	Procurement & Award	1 day	Mon 1/20/14	Mon 1/20/14									
114	Complete - Deliver Final Execution Plan	0 days	Tue 2/18/14	Tue 2/18/14									
115	Section 106 Draft Report submitted to SLAC	0 days	Fri 2/28/14	Fri 2/28/14									
116	Section 106 Draft submitted to State Historic Preservation Office	0 days	Mon 3/31/14	Mon 3/31/14									
117	Draft EA submitted for Public Comment	0 days	Thu 5/1/14	Thu 5/1/14									
118	SHPO Concurrence of section 106 received	0 days	Mon 6/16/14	Mon 6/16/14									

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119		Complete - Preliminary Final EA	0 days	Tue 7/15/14	Tue 7/15/14				7/15					
120		Complete - Final EA Document & submit to DOE	0 days	Tue 7/15/14	Tue 7/15/14				7/15					
121		HAR (J. Healy)	160 days	Mon 3/31/14	Fri 11/7/14									
122		1st draft & review	30 days	Mon 3/31/14	Fri 5/9/14									
123		Delay for material & system specifications	100 days	Mon 5/12/14	Fri 9/26/14									
124		2nd draft & review	25 days	Mon 9/29/14	Fri 10/31/14									
125		Final edits & ready posting	5 days	Mon 11/3/14	Fri 11/7/14									
126		Acquisition Strategy & PPEP (M. Reichanadter/J. Galayda)	11 days	Mon 3/31/14	Mon 4/14/14									
127		Draft & review	10 days	Mon 3/31/14	Fri 4/11/14									
128		Final edits & ready posting	1 day	Mon 4/14/14	Mon 4/14/14									
129		PMP (M. Reichanadter/J. Galayda)	15 days	Mon 4/7/14	Fri 4/25/14									
130		Draft & review	15 days	Mon 4/7/14	Fri 4/25/14									
131		Complete: PMP	0 days	Fri 4/25/14	Fri 4/25/14				4/25					
132		Review of Management Processes (M. Reichanadter)	12 days	Mon 4/28/14	Tue 5/13/14									
133		Definition & Preparation of Processes	10 days	Mon 4/28/14	Fri 5/9/14									
134		External review of Mgmt Processes	2 days	Mon 5/12/14	Tue 5/13/14									
135		Review of Management Processes Complete	0 days	Tue 5/13/14	Tue 5/13/14				5/13					
136		QA Training for SMs and CAMs (D. Marsh/QA)	215 days	Mon 3/31/14	Fri 1/23/15									
137		Definition & Preparation of Project QA Training Program	90 days	Mon 3/31/14	Fri 8/1/14									
138		Review of Training program (system check)	5 days	Mon 8/4/14	Fri 8/8/14									
139		Final Development of QA Training Program	30 days	Mon 8/11/14	Fri 9/19/14									
140		Training of SLAC SMs, CAMs, Lead Staff	30 days	Mon 9/22/14	Fri 10/31/14									
141		Training of PL STLs, CAMs, Lead Staff	60 days	Mon 11/3/14	Fri 1/23/15									
142		QA Training Complete	0 days	Fri 1/23/15	Fri 1/23/15								1/23	
143		EVMS Training for SMs and CAMs (J. Chaffin)	111 days	Thu 3/20/14	Thu 8/21/14									
144		Training of SLAC SMs, CAMs, Lead Staff	1 day	Thu 3/20/14	Thu 3/20/14									
145		Training of SLAC SMs, CAMs, Lead Staff	4 days	Mon 7/7/14	Thu 7/10/14									
146		Training of PL STLs, CAMs, Lead Staff	4 days	Mon 8/18/14	Thu 8/21/14									
147		Re-formulate FAC for LCLS-II (J. Galayda)	149 days	Mon 3/31/14	Thu 10/23/14									
148		Selection of FAC membership	30 days	Mon 3/31/14	Fri 5/9/14									
149		Confirmation of FAC membership & chair	15 days	Mon 5/12/14	Fri 5/30/14									
150		New FAC Required for status & cost Review	0 days	Thu 7/10/14	Thu 7/10/14				7/10					
151		New FAC Required for Review of Final Design	0 days	Thu 10/23/14	Thu 10/23/14							10/23		