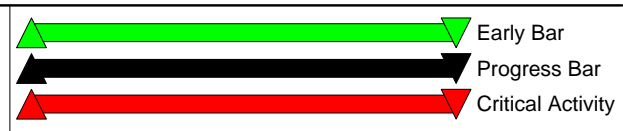


Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06												FY07												FY08												FY09											
					M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M													
1 LCLS PROJECT - PED & CONSTRUCTION																																																				
1.01 LCLS PROJECT MGMT, PLANNING & ADMN (TEC)																																																				
1.01.03 Technical Integration																																																				
1.01.03.05 Global Controls																																																				
PM301_0105	Start: Wire Scanners Prototype	0	06/01/06A																																																	
PM301_0120	Controls Wire Scanners Prototype Software	22	06/01/06A	06/30/06A																																																
PM301_0125	Controls Wire Scanners Prototype Hardware	22	06/01/06A	06/30/06A																																																
PM504_0001	Design Gun Laser Controls	175	06/01/06A	06/26/06A																																																
PM504_0005	COMP: Gun Laser Controls Design	0		06/26/06A																																																
PM301_0130	COMP: Controls Wire Scanners Prototype	0		06/30/06A																																																
MS4_CT0001	START: Controls System ETC	0	08/01/06*																																																	
PM302_0095	Start: Controls Toroids	0	08/01/06*																																																	
PM302_0100	Controls Toroids Rev1 Prototype	65	08/01/06*	10/31/06																																																
PM302_0103	Controls Toroids Rev2 Design	65	08/01/06	10/31/06																																																
PM302_0105	Controls Toroids Rev2 Prototype Software	65	08/01/06	10/31/06																																																
PM302_0106	Controls Toroids Rev2 Prototype Hardware	65	08/01/06	10/31/06																																																
PM303_0095	Start: Controls Faraday Cups	0	08/01/06*																																																	
PM303_0100	Controls Faraday Cups Final Desgin	11	08/01/06*	08/15/06																																																
PM303_0115	Faraday Cups Prototype Software	11	08/01/06*	08/15/06																																																
PM303_0120	Faraday Cups Prototype Hardware	11	08/01/06*	08/15/06																																																
PM304_0100	Start: Controls Tune-up Dump	0	08/01/06*																																																	
PM304_0105	Controls Tune-up Dump Final Desgin	11	08/01/06*	08/15/06																																																
PM305_0095	Start: Controls Profile Monitors	0	08/01/06*																																																	
PM305_0100	Controls Profile Monitors Final Desgin	11	08/01/06*	08/15/06																																																
PM307_0095	Start: Controls BPMs	0	08/01/06*																																																	
PM307_0100	Controls BPMs Final Desgin	20	08/01/06*	08/28/06																																																
PM307_0115	Controls BPMs Prototype Software	22	08/01/06*	08/30/06																																																
PM307_0120	Controls BPMs Prototype Hardware	60	08/01/06*	10/24/06																																																
PM308_0095	Start: Controls Stoppers	0	08/01/06*																																																	
PM308_0100	Controls Stoppers Final Desgin	11	08/01/06	08/15/06																																																
PM309_0095	Start: Controls Bunch Length Monitors	0	08/01/06*																																																	
PM309_0100	Bunch Length Montors Final Desgin	22	08/01/06	08/30/06																																																
PM311_0095	Start: Controls Cherenkof Radiation Detectors	0	08/01/06*																																																	
PM311_0100	Controls CRD Final Desgin	11	08/01/06	08/15/06																																																
PM312_0105	Start: Movable Collimator Prototype	0	08/01/06*																																																	
PM312_0110	Controls Movable Collimator Software Prototype	22	08/01/06	08/30/06																																																
PM312_0115	Controls Movable Collimator Prototype Hardware	22	08/01/06	08/30/06																																																
PM502_0195	Start: Controls LLRF	0	08/01/06*																																																	
PM502_0200	Controls LLRF Final Desgin	20	08/01/06*	08/28/06																																																
PM502_0215	Controls LLRF Prototype Software	85	08/01/06	11/30/06																																																
PM502_0220	Controls LLRF Prototype Hardware	85	08/01/06	11/30/06																																																
PM506_0000	Start: Timing Controls	0	08/01/06*																																																	
PM506_0005	Timing Controls Final Design	43	08/01/06	09/29/06																																																
PM506_0021	Timing Controls Prototype Software	75	08/01/06*	11/14/06																																																
PM506_0026	Timing Controls Prototype Hardware	75	08/01/06	11/14/06																																																
PM507_0095	Start: Vacuum Controls	0	08/01/06*																																																	
PM507_0100	Vacuum Controls Prototype Software	12	08/01/06*	08/16/06																																																
PM507_0105	Vacuum Controls Prototype Hardware	12	08/01/06	08/16/06																																																
PM509_0105	Start: Global Controls PS LOE FY06	0	08/01/06*																																																	
PM509_0110	Controls Power Supplies Management FY06	43	08/01/06	09/29/06																																																
PM509_0115	Controls Power Supplies Technical Lead FY06	43	08/01/06	09/29/06																																																
PM509_0120	Power Conversion Project Coordinator (10% time)	43	08/01/06	09/29/06																																																
PM509_0125	Misc. Power Supplies Support FY06	43	08/01/06	09/29/06																																																
PM509_0500	Start: Global Controls PS Discrete Effort	0	08/01/06*																																																	
PM509_0505	Injector/BC1 Drawings	85	08/01/06*	11/30/06																																																
PM512_0095	Start: Management LOE FY06	0	08/01/06*																																																	
PM512_0100	Controls Cost Account Manager - FY06	43	08/01/06*	09/29/06																																																
PM512_0110	Controls Technical Coordinator - FY06	43	08/01/06*	09/29/06																																																
PM512_0115	Controls E-Beam Diagnostics Tech Lead - FY06	43	08/01/06*	09/29/06																																																
PM512_0120	Controls - Wire Scanners Tech Lead - FY06	43	08/01/06*	09/29/06																																																
PM512_0125	Controls XTOD Tech Lead - FY06	43	08/01/06*	09/29/06																																																
PM512_0139	Start: Controls Management FY06	0	08/01/06*																																																	
PM512_0140	Controls - Travel - FY06	43	08/01/06*	09/29/06																																																
PM512_0145	Controls - Materials & Supplies - FY06	43	08/01/06*	09/29/06																																																
PM512_0150	Controls - Training - FY06	43	08/01/06	09/29/06																																																
PM512_0155	Controls - Misc. Hardware - FY06	43	08/01/06	09/29/06																																																
PM515_0000	Start: Controls BCS	0	08/01/06*																																																	
PM515_0005	Controls BCS Final Desgin	20	08/01/06*	08/28/06																																																
PM511_0101	Start: Controls MPS	0	08/15/06*																																																	
PM511_0105	Controls MPS Conceptual Design	20	08/15/06	09/12/06																																																
PM303_0105	Controls Faraday Cups Final Design Review (FDR)	1	08/16/06	08/16/06																																																
PM303_0110	COMP: Controls Faraday Cups Design	0		08/16/06																																																
PM303_0125	COMP: Controls Faraday Cups Prototype	0		08/16/06																																																
PM304_0110	Controls Tune-up Dump Final Design Review (FDR)	1	08/16/06	08/16/06																																																
PM304_0115	COMP: Controls Tune-up Dump Design	0		08/16/06																																																
PM305_0105	Controls Profile Monit Final Design Review (FDR)	1	08/16/06	08/16/06																																																
PM305_0110	COMP: Controls Profile Monitors Design	0		08/16/06																																																
PM308_0105	Controls Stoppers Final Design Review (FDR)	1	08/16/06	08/16/06																																																
PM308_0110	COMP: Controls Stoppers Design	0		08/16/06																																																
PM311_0105	Controls CRD Final Design Review (FDR)	1	08/16/06	08/16/06																																																
PM311_0110	COMP: Controls CRD Design	0		08/16/06																																																
PM507_0110	COMP: Vacuum Controls Prototype	0		08/16/06																																																
PM304_0120	Controls Tune-up Dump Prototype Software	11	08/17/06	08/31/06																																																
PM304_0125	Controls Tune-up Dump Prototype Hardware	11	08/17/06	08/31/06																																																
PM305_0115	Controls Profile Monitors Prototype Software	11	08/17/06	08/31/06																																																

Start Date 06/01/01
 Finish Date 04/01/09
 Data Date 08/01/06
 Run Date 10/19/06 09:30

LCLS PROJECT
 Controls System Level 4 Schedule



Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06												FY07												FY08												FY09											
					M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M													
2 LCLS PROJECT - R&D, SPARES, COMMISSIONING																																																				
2.01 LCLS PROJECT MGMT, PLANNING & ADMN (OPC)																																																				
2.01.01 Physics Support (OPC)																																																				
2.01.01.11 Global Controls OPC																																																				
PM1115_000	Start: Controls Networking	0	08/01/06*																																																	
PM1115_001	LCLS Share of Network Cost	1	08/01/06	08/01/06																																																
PM1115_005	LCLS Controls Network Design	43	08/01/06	09/29/06																																																
PM1115_200	START: Data Communications	0	08/01/06*																																																	
PM1115_205	Supervise Equipment Installation	30	08/01/06*	09/12/06																																																
PM1115_210	Upgrade/Establish BDF	1	09/13/06	09/13/06																																																
PM1115_215	SEM Install Wall Board	10	09/14/06	09/27/06																																																
PM1115_220	SEM Install Two 20 A Circuits	20	09/28/06	10/25/06																																																
PM1112_000	Start: Management LOE FY07 OPC	0	10/02/06*																																																	
PM1112_005	Controls Cost Account Manager - FY07	242	10/02/06	09/28/07																																																
PM1112_010	Controls Deputy Cost Account Manger - FY07	242	10/02/06	09/28/07																																																
PM1112_012	Controls Physicist - FY07	242	10/02/06	09/28/07																																																
PM1112_015	Controls Technical Coordinator - FY07	242	10/02/06	09/28/07																																																
PM1112_020	Controls E-Beam Diagnostics Tech Lead - FY07	242	10/02/06	09/28/07																																																
PM1112_025	Controls - Wire Scanners Tech Lead - FY07	242	10/02/06	09/28/07																																																
PM1112_030	Controls XT/XE Tech Lead - FY07	242	10/02/06	09/28/07																																																
PM1114_001	Start Controls S/W Apps FY07	0	10/02/06*																																																	
PM1114_011	High Level Applications - FY07	242	10/02/06*	09/28/07																																																
PM1114_021	Utilities - FY07	242	10/02/06*	09/28/07																																																
PM1115_010	LCLS Controls Network Support	242	10/02/06	09/28/07																																																
PM1202_000	Start: Controls Management FY07 OPC	0	10/02/06																																																	
PM1202_005	Controls - Travel FY07	242	10/02/06	09/28/07																																																
PM1202_010	Controls - Materials & Supplies - FY07	242	10/02/06	09/28/07																																																
PM1202_015	Controls - Training - FY07	242	10/02/06	09/28/07																																																
PM1202_020	Controls - Misc. Hardware - FY07	242	10/02/06	09/28/07																																																
PM1202_025	Controls - MCC Upgrade	242	10/02/06	09/28/07																																																
PM1115_225	Single Mode Fiber Installation	1	10/26/06	10/26/06																																																
PM1115_230	Procure Singlemode Fiber	20	10/27/06	11/27/06																																																
PM1115_235	Fiber Cabling Installation	20	11/28/06	01/09/07																																																
PM1112_035	Controls - DB Manager - FY07	189	01/02/07*	09/28/07																																																
PM1112_040	Controls - Network Manager - FY07	189	01/02/07*	09/28/07																																																
PM1114_016	Low Level Applications - FY07	189	01/02/07*	09/28/07																																																
PM1114_026	WPM Application	242	01/02/07*	12/14/07																																																
PM1115_240	Fiber Termination	20	01/10/07	02/07/07																																																
PM1115_245	Desktop Cabling Installation	1	02/08/07	02/08/07																																																
PM1115_250	Cabling Installation in Ground & Sub Ground Loc	20	02/09/07	03/09/07																																																
PM1115_255	Cable Termination	20	03/12/07	04/06/07																																																
PM1114_006	Feedback - FY07	127	04/02/07*	09/28/07																																																
PM1115_260	Desktop Circuit Activation	1	04/09/07	04/09/07																																																
PM1115_265	Telcom to Provide Phone & Activate Circuits	20	04/10/07	05/07/07																																																
PM1115_270	Procure Cisco 3550-24 Hubs (6ea)	20	05/08/07	06/05/07																																																
PM1115_275	Hub Installation & Data Circuit Activation	20	06/06/07	07/03/07																																																
PM1115_280	AVAIL: Data Comm Circuits Active & Ready	0		07/03/07																																																
PM1115_015	COMP: LCLS Controls Network Design	0		09/28/07																																																
PM1112_100	Start: Management LOE FY08	0	10/01/07*																																																	
PM1112_105	Controls Cost Account Manager - FY08	243	10/01/07	09/30/08																																																
PM1112_110	Controls Deputy Cost Account Manger - FY08	243	10/01/07	09/30/08																																																
PM1112_112	Controls Physicist - FY08	243	10/01/07	09/30/08																																																
PM1112_115	Controls Technical Coordinator - FY08	243	10/01/07	09/30/08																																																
PM1112_120	Controls E-Beam Diagnostics Tech Lead - FY08	243	10/01/07	09/30/08																																																
PM1112_125	Controls - Wire Scanners Tech Lead - FY08	243	10/01/07	09/30/08																																																
PM1112_130	Controls XT/XE Tech Lead - FY08	243	10/01/07	09/30/08																																																
PM1112_135	Controls - DB Manager - FY08	243	10/01/07	09/30/08																																																
PM1114_100	Start Controls S/W Apps FY08	0	10/01/07*																																																	
PM1114_105	Feedback FY08	243	10/01/07*	09/30/08																																																
PM1114_115	High Level Applications - FY08	243	10/01/07*	09/30/08																																																
PM1114_120	Low Level Applications - FY08	243	10/01/07*	09/30/08																																																
PM1114_125	Utilities - FY08	243	10/01/07*	09/30/08																																																
PM1115_020	Procure: 2 Ntwrk Core Switches	60	10/01/07	01/10/08																																																
PM1115_030	Procure: 42 units of 24-port Gbit Switches	60	10/01/07	01/10/08																																																
PM1115_040	Procure: 2 units of 24-port 10/100 switches	60	10/01/07	01/10/08																																																
PM1115_050	Procure: 12 units of 48-port 10/100 switches	60	10/01/07	01/10/08																																																
PM1115_060	Procure: 55 units of Wireless access points	60	10/01/07	01/10/08																																																
PM1115_070	Procure: 25000 ft NW fiber cable - 48 SM + 24 MM	60	10/01/07	01/10/08																																																
PM1115_080	Procure: 600Ntwrk fiber termination-24 strand*25	60	10/01/07	01/10/08																																																
PM1115_090	Procure: 500 CAT 6 jumper cables	60	10/01/07	01/10/08																																																
PM1115_100	Procure: 2 Routers for PX00	60	10/01/07	01/10/08																																																
PM1115_110	Procure: 1 Network expansion @ MCC	60	10/01/07	01/10/08																																																
PM1202_100	Start: Controls Management FY08 OPC	0	10/01/07																																																	
PM1202_105	Controls - Travel FY08	243	10/01/07	09/30/08																																																
PM1202_110	Controls - Materials & Supplies - FY08	243	10/01/07	09/30/08																																																
PM1202_115	Controls - Training - FY08	243	10/01/07	09/30/08																																																
PM1202_120	Controls - Misc. Hardware - FY08	243	10/01/07	09/30/08																																																
PM1112_140	Controls - Network Manager - FY08	243	01/02/08*	12/16/08																																																
PM1115_025	RCV: 2 Ntwrk Core Switches	1	01/11/08	01/11/08																																																
PM1115_035	RCV: 42 units of 24-port Gbit Switches	1	01/11/08	01/11/08																																																
PM1115_045	RCV: 2 units of 24-port 10/100 switches	1	01/11/08	01/11/08																																																
PM1115_055	RCV: 12 units of 48-port 10/100 switches	1	01/11/08	01/11/08																																																
PM1115_065	RCV: 55 units Wireless access points	1	01/11/08	01/11/08																																																
PM1115_075	RCV: 25000 ft Ntwrk fiber cable - 48 SM + 24 MM	1	01/11/08	01/11/08																																																
PM1115_085	RCV: 600 Ntwrk fiber termination-24 strand*25	1	01/11/08	01/11/08																																																
PM1115_095	RCV: 500 CAT 6 jumper cables	1	01/11/08	01/11/08																																																
PM1115_105	RCV: 2 Routers for PX00	1	01/11/08	01/11/08																																																
PM1115_115	RCV: 1 Network expansion @ MCC	1	01/11/08	01/11/08																																																
PM1115_120	Fiber Cable Installation	0		01/11/08																																																

