

DOE IPR Review of the LCLS Project (SLAC) July 10-12, 2007

Review Agenda

<i>Start</i>	<i>Topic</i>	<i>Speaker</i>
---------------------	---------------------	-----------------------

10 July 2007 – B048/Redwood Room

7:30am	Discussion/Coffee	
8:00	Executive Session	Executive Committee
9:00	Welcome	J. Dorfan
9:15	Project Overview & Assessment	J. Galayda
10:00	<i>Break</i>	
10:15	Project ES&H and Integrated Safety Management	M. Scharfenstein
10:30	Project Mgmt & CR Impacts/Updates	M. Reichanadter
11:15	LCLS Commissioning	P. Emma
11:45	E-Beam Systems / Undulator Status	T. Fornek / G. Pile
12:30pm	<i>Lunch</i>	
1:30	Photon Beam Systems	J. Arthur
2:00	Conventional Facilities	J. Albino
2:30	LCLS Global Controls	H. Shoaee
3:00	<i>Break</i>	
3:15	Site Tour (<i>Research Yard, NEH, Injector/Laser</i>)	CF PM's
4:30	Breakout Groups Meet with LCLS Breakout Teams	
5:00	Executive Session	
6:00	Adjourn	

11 July 2007 – B048/Redwood Room

7:30am	Discussion/Coffee	
8:00	Breakout Sessions (See detailed agendas)	Subcommittees
12:00	<i>Lunch</i>	
1:00pm	Breakout Sessions Continue	Subcommittees
3:00	Executive Session	Executive Committee
5:30	Adjourn	

12 July 2007 – B048/Redwood Room

7:30am	Discussion/Coffee	
8:00	Closeout Dry Run	Executive Committee
10:30	Closeout	
11:30	Adjourn	

DOE IPR Review of the LCLS Project (SLAC) July 10-12, 2007

Detailed Breakout Sessions

SC1/SC2 - Accelerator Systems (Redwood B)

Jul 10	4:30pm	Drive-Laser Commissioning Status	W. White
Jul 11	8:00am	Linac System Overview	J. Chan
	8:30	RF Gun Commissioning Experience	D. Dowell
	9:00	Injector/Linac Commissioning Experience	C. Limborg
	9:30	Linac Diagnostics Commissioning Experience	H. Loos
	10:00	Break	
	10:30	Operational Experience with the LCLS RF Systems	J. Frisch
	11:00	Injector/Linac Management	J. Chan
	11:30	Injector/Linac Design Status	C. Rago
	12:00	Lunch	
	1:00pm	2007 Installation Readiness	K. Ratcliffe
	1:30	LTU Installation Readiness	T. Montagne
	2:00	Discussion	

SC3 – Undulator (Red Slate, Bldg 280C, Room 112)

Jul 10	4:30pm	Undulator System Status (ANL)	G. Pile
Jul 11	8:00am	Undulator System Status (SLAC)	R. Pope
	8:20	Undulator Production Management	G. Pile
	8:40	Undulator and Quadrupole Magnet Production	M. White
	8:55	Undulator Support/Movers Production	M. White
	9:15	Stainless Steel Undulator Vacuum Chamber Status	D. Walters
	9:30	Undulator Physics Issues	H-D. Nuhn
	10:00	Break	
	10:30	Undulator Vacuum Chamber Alternatives	G. Pile
		<ul style="list-style-type: none"> • Discussion • Extrusion Progress and Plans – G. Pile • Simple Copper Chamber Back-Up – D. Walters • Clamshell Plans – T. Fornek 	
	11:30	Undulator Cavity BPM System Status	R. Lill
	12:00	Lunch	
	1:00	Undulator Alignment Diagnostics Systems Status	F. Peters
	1:30	Undulator Tuning and Fiducialization	Z. Wolf
	2:00	Undulator Assembly and Installation Planning	R. Pope
	2:30	Discussion	

DOE IPR Review of the LCLS Project (SLAC) July 10-12, 2007

Detailed Breakout Sessions (continued)

SC4/SC10 – Photon Systems (Kavli Bldg, 3rd Floor Conference Room)

Jul 10	4:30pm	XTOD Status	R. Bionta
Jul 11	8:00am	XTOD New Plan	D. McMahon
	8:30	XTOD Mirrors	M. Pivovarovoff, R. Soufli, T. Mccarville
	9:30	XTOD Diagnostics	R. Bionta
	10:00	Break	
	10:30	Discussion	
	11:00	XES Status	S. Moeller
	11:30	XES New Plan	S. Moeller
	12:00	Lunch	
	1:00pm	AMO Instrument	J. Bozek
	1:45	Experimental Area Controls/Data Acquisition	G. Haller
	2:30	Discussion	

SC5 – Control Systems (Redwood Room A)

Jul 10	4:30pm	Controls Overview	H. Shoaee
Jul 11	8:00am	Controls Commissioning Experience	P. Krejcik
	8:30	Personnel Protection System	P. Bong
	9:00	Machine Protection Systems	S. Norum
	9:30	Beam Position Monitors & Toroids	S. Smith
	10:00	Break	
	10:30	Low Level RF	D. Kotturi
	11:00	Power Supplies	K. Luchini
	11:30	Timing System	S. Allison
	12:00	Lunch	
	1:00pm	Undulator Controls	J. Stein
	1:30	High Level Applications Software	D. Fairley
	2:00	BC2/Linac Controls Installation Planning	H. Shoaee
	2:30	Discussion	

DOE IPR Review of the LCLS Project (SLAC) July 10-12, 2007

Detailed Breakout Sessions (continued)

SC6/SC9 – Conventional Facilities/ES&H (Redwood Room D)

Jul 10	4:30pm	Conventional Facilities Management and Organization	J. Albino
Jul 11	8:00am	Construction Safety	R. Hislop
	8:30	Contract Status	D. Pindroh (SLAC)/Mike Owens (Turner)
	9:00	Construction Status	D. Saenz (SLAC)/Nick Tyler (Turner)
	10:00	Break	
	10:30	Construction Schedule	J. Albino (SLAC)/Bill Jangraw (Turner)
	11:00	Tour of Undulator Hall	
	12:00	Lunch	
	1:00pm	Contract Issues	J. Albino (SLAC)/Bill Jangraw (Turner)
	2:00	Discussion	

SC7/SC8 – Project Mgmt, Procurement & Pre-Ops (Redwood Room C)

Jul 10	4:30pm	Discussion: Project Assessment & Revised Baseline Overview	J. Galayda
Jul 11	8:00am	Status of Project Management	M. Reichanadter
	8:45	Resource-Loaded Schedule, Critical Path, Key Cost & Schedule Assumptions	T. Mast
	9:15	Construction Status & Schedule	J. Albino
	10:00	Break	
	10:30	Shutdown Planning & Installation Schedule	R. M. Boyce
	11:00	LCLS Pre-Ops and Transition to Operations	J. Galayda
	12:00	Lunch	
	1:00pm	Discussion	