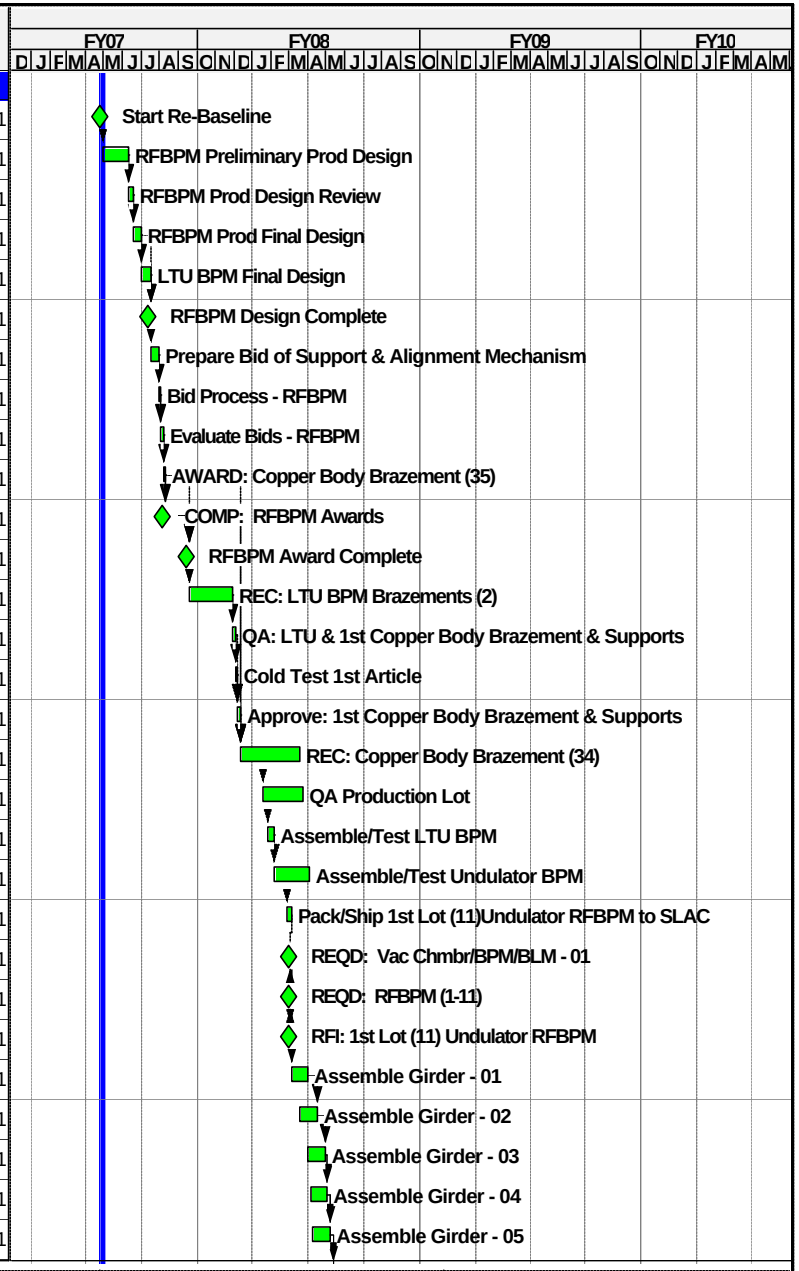
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
UN LCLS - Undulator System					
UNSTART	Start Re-Baseline	0	05/01/07*		1
UN505_3005	RFBPM Preliminary Prod Design	29	05/01/07	06/11/07	71
UN505_3010	RFBPM Prod Design Review	5	06/12/07*	06/18/07	71
UN505_3015	RFBPM Prod Final Design	10	06/19/07	07/02/07	71
UN505_3017	LTU BPM Final Design	10	07/03/07	07/17/07	71
UN505_3020	RFBPM Design Complete	0		07/17/07	71
UN505_3035	Prepare Bid of Support & Alignment Mechanism	10	07/18/07	07/31/07	71
UN505_3040	Bid Process - RFBPM	2	08/01/07	08/02/07	71
UN505_3045	Evaluate Bids - RFBPM	3	08/03/07	08/07/07	71
UN505_3050	AWARD: Copper Body Brazement (35)	3	08/08/07	08/10/07	71
UN505_3080	COMP: RFBPM Awards	0		08/10/07	71
UNMS4_0570	RFBPM Award Complete	0		09/18/07	71
UN505_3057	REC: LTU BPM Brazements (2)	50	09/19/07	11/29/07	71
UN505_3105	QA: LTU & 1st Copper Body Brazement & Supports	2	11/30/07	12/03/07	71
UN505_3106	Cold Test 1st Article	3	12/04/07	12/06/07	71
UN505_3110	Approve: 1st Copper Body Brazement & Supports	2	12/07/07	12/10/07	71
UN505_3115	REC: Copper Body Brazement (34)	63	12/11/07	03/17/08	71
UN505_3120	QA Production Lot	47	01/18/08	03/24/08	71
UN505_3126	Assemble/Test LTU BPM	8	01/25/08	02/05/08	71
UN505_3127	Assemble/Test Undulator BPM	42	02/06/08	04/03/08	71
UN505_3130	Pack/Ship 1st Lot (11)Undulator RFBPM to SLAC	5	02/27/08	03/04/08	71
UN362_0014	REQD: Vac Chmbr/BPM/BLM - 01	0		03/04/08	71
UN505_0290	REQD: RFBPM (1-11)	0		03/04/08	71
UN505_3155	RFI: 1st Lot (11) Undulator RFBPM	0		03/04/08	71
UN362_0016	Assemble Girder - 01	20	03/05/08	04/01/08	71
UN362_0026	Assemble Girder - 02	20	03/19/08	04/15/08	71
UN362_0036	Assemble Girder - 03	20	04/02/08	04/29/08	71
UN362_0046	Assemble Girder - 04	20	04/07/08	05/02/08	71
UN362_0056	Assemble Girder - 05	20	04/10/08	05/07/08	71



Start Date	07/19/06
Finish Date	05/31/10
Data Date	05/01/07
Run Date	06/21/07 16:00

Early Bar
Progress Bar
Critical Activity

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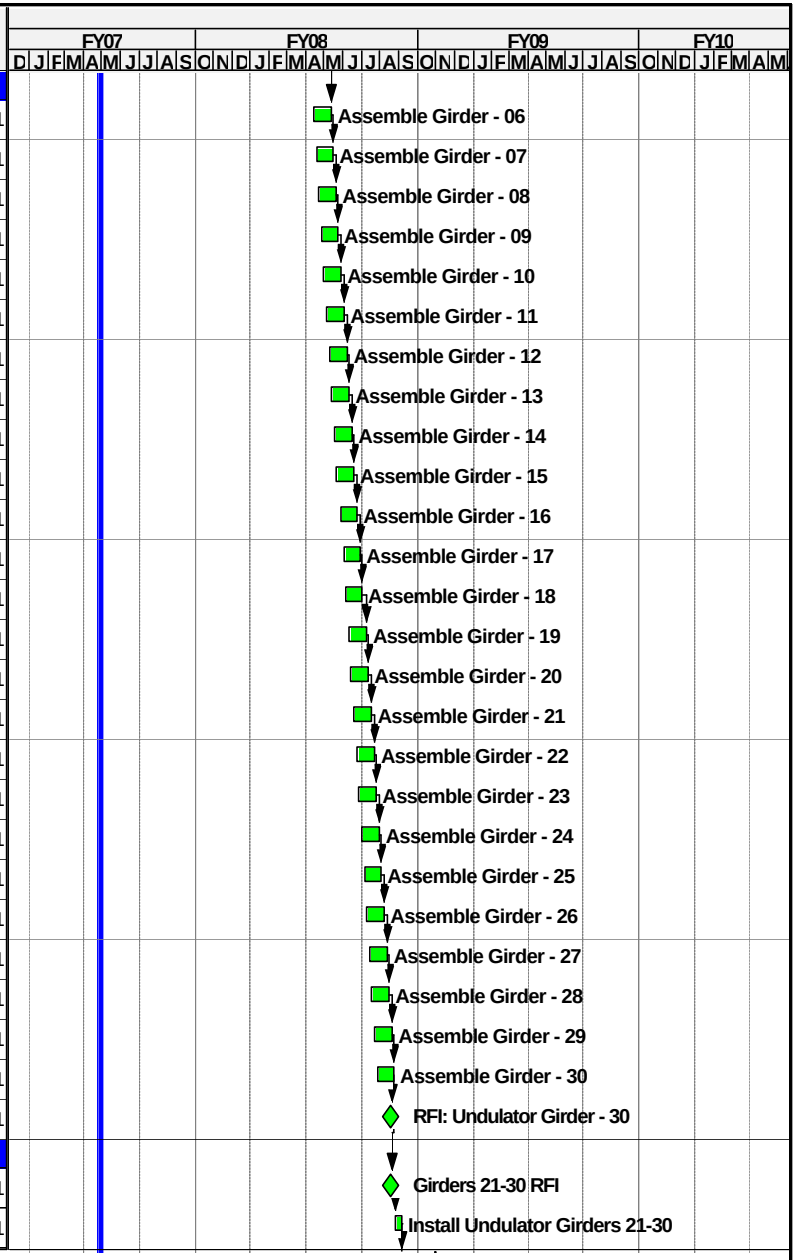
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
UN_LCLS - Undulator System					
UN362_0066	Assemble Girder - 06	20	04/15/08	05/12/08	71
UN362_0076	Assemble Girder - 07	20	04/18/08	05/15/08	71
UN362_0086	Assemble Girder - 08	20	04/23/08	05/20/08	71
UN362_0096	Assemble Girder - 09	20	04/28/08	05/23/08	71
UN362_0106	Assemble Girder - 10	20	05/01/08	05/29/08	71
UN362_0116	Assemble Girder - 11	20	05/06/08	06/03/08	71
UN362_0126	Assemble Girder - 12	20	05/09/08	06/06/08	71
UN362_0136	Assemble Girder - 13	20	05/14/08	06/11/08	71
UN362_0146	Assemble Girder - 14	20	05/19/08	06/16/08	71
UN362_0156	Assemble Girder - 15	20	05/22/08	06/19/08	71
UN362_0166	Assemble Girder - 16	20	05/28/08	06/24/08	71
UN362_0176	Assemble Girder - 17	20	06/02/08	06/27/08	71
UN362_0186	Assemble Girder - 18	20	06/05/08	07/02/08	71
UN362_0196	Assemble Girder - 19	20	06/10/08	07/08/08	71
UN362_0206	Assemble Girder - 20	20	06/13/08	07/11/08	71
UN362_0216	Assemble Girder - 21	20	06/18/08	07/16/08	71
UN362_0226	Assemble Girder - 22	20	06/23/08	07/21/08	71
UN362_0236	Assemble Girder - 23	20	06/26/08	07/24/08	71
UN362_0246	Assemble Girder - 24	20	07/01/08	07/29/08	71
UN362_0256	Assemble Girder - 25	20	07/07/08	08/01/08	71
UN362_0266	Assemble Girder - 26	20	07/10/08	08/06/08	71
UN362_0276	Assemble Girder - 27	20	07/15/08	08/11/08	71
UN362_0286	Assemble Girder - 28	20	07/18/08	08/14/08	71
UN362_0296	Assemble Girder - 29	20	07/23/08	08/19/08	71
UN362_0306	Assemble Girder - 30	20	07/28/08	08/22/08	71
UN362_0307	RFI: Undulator Girder - 30	0		08/22/08	71
S8_LCLS 2008 Install 4_19_07-mb_98					
S8X4_UN100	Girders 21-30 RFI	0		08/22/08	71
S8X4_UN170	Install Undulator Girders 21-30	8	08/25/08	09/04/08	71



Start Date	07/19/06	Early Bar
Finish Date	05/31/10	Progress Bar
Data Date	05/01/07	Critical Activity
Run Date	06/21/07 16:00	

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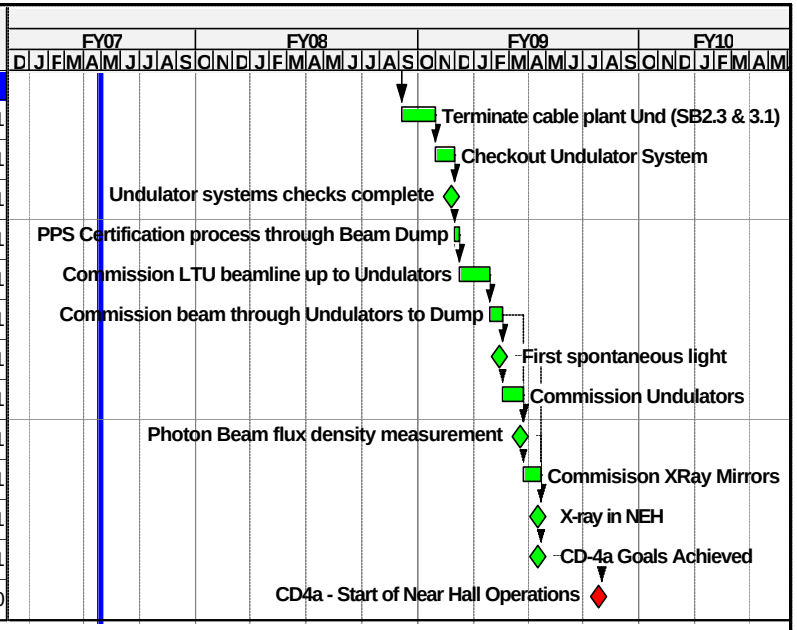
Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	Total Float
S8_LCLS 2008 Install 4_19_07-mb_98					
S8X4_UN200	Terminate cable plant Und (SB2.3 & 3.1)	40	09/05/08	10/30/08	71
S8X4_UN210	Checkout Undulator System	20	10/31/08	12/01/08	71
S8Z2_SC040	Undulator systems checks complete	0		12/01/08	71
S8Z2_SC010	PPS Certification process through Beam Dump	5	12/02/08	12/08/08	71
S8Z3_CM040	Commission LTU beamline up to Undulators	35	12/09/08	01/28/09	71
S8Z3_CM050	Commission beam through Undulators to Dump	15	01/29/09	02/18/09	71
S8Z3_CM070	First spontaneous light	0		02/18/09	71
S8Z3_CM080	Commission Undulators	25	02/19/09	03/25/09	71
S8Z3_CM100	Photon Beam flux density measurement	0		03/25/09	71
S8Z3_CM110	Commisison XRay Mirrors	20	03/26/09	04/22/09	71
S8Z3_CM120	X-ray in NEH	0		04/22/09	71
S8Z3_CM130	CD-4a Goals Achieved	0		04/22/09	71
MS1_PM035	CD4a - Start of Near Hall Operations	0		07/31/09*	0



Start Date	07/19/06	Early Bar	
Finish Date	05/31/10	Progress Bar	
Data Date	05/01/07	Critical Activity	
Run Date	06/21/07 16:00		

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