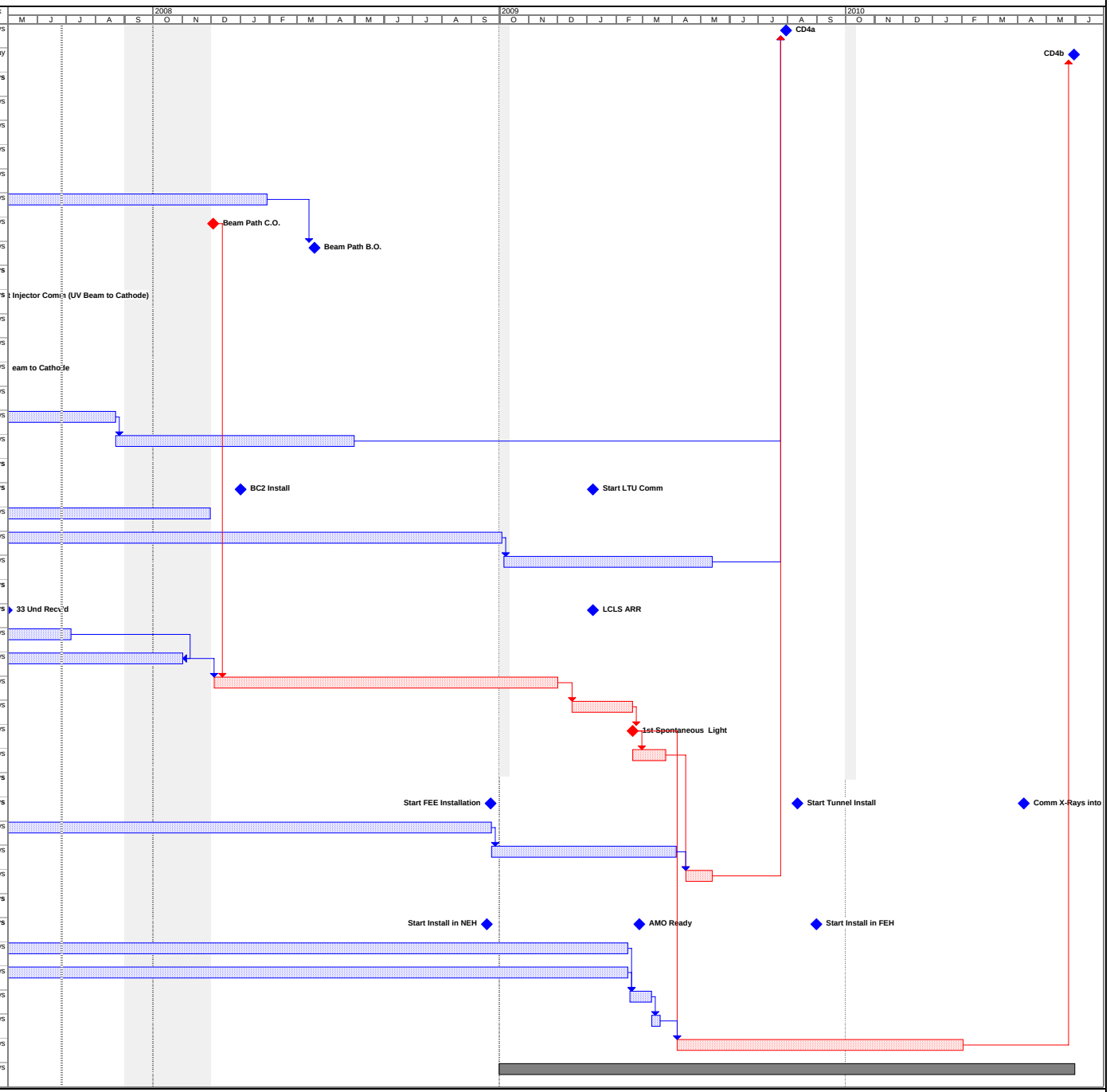
Linac Coherent Light Source Project

ID	Task Name	Start	Finish	Total Slack
1	**Critical Decision 4a**	7/31/09	7/31/09	0 days
2	**Critical Decision 4b**	5/31/10	5/31/10	1 day
3	**Conventional Facilities (Title 3)**	**10/4/04**	**5/31/10**	**0 days**
4	Sector 20 Injector Facility	8/30/05	4/14/06	913 days
5	S20/Alcove B.O.	4/14/06	4/14/06	913 days
6	Magnetic Measurement Facility	8/30/05	3/29/06	256 days
7	MMF B.O.	3/29/06	3/29/06	256 days
8	Beam Path Construction	10/3/05	1/29/08	608 days
9	Beam Path C.O.	12/4/07	12/4/07	82 days
10	Beam Path B.O.	3/20/08	3/20/08	572 days
11	**Injector**	**1/3/05**	**4/30/08**	**326 days**
12	**Injector Major Milestones**	**4/5/07**	**4/5/07**	**822 days**
14	Drive Laser Design/Procure	6/27/05	6/16/06	845 days
15	Drive Laser C/O & Commissioning	7/21/06	4/5/07	821 days
16	UV Beam to Cathode	4/6/07	4/6/07	821 days
17	RF Gun Design/Procure	1/3/05	11/30/06	326 days
18	RF Gun Installation	12/1/06	8/22/07	326 days
19	RF Gun Commissioning	8/23/07	4/30/08	326 days
20	**Linac**	**7/1/05**	**5/13/09**	**273 days**
21	**Linac Major Milestones**	**4/10/06**	**1/8/09**	**363 days**
26	Design/Procure	7/1/05	11/30/07	651 days
27	Installation	9/29/06	10/3/08	56 days
28	Commission	10/6/08	5/13/09	56 days
29	**Undulator**	**10/4/04**	**3/25/09**	**189 days**
30	**Undulator Major Milestones**	**3/23/05**	**1/8/09**	**362 days**
36	Undulator Design/Procure	10/4/04	7/6/07	189 days
37	Testing at MMF	10/27/06	11/1/07	105 days
38	Installation	12/5/07	12/1/08	82 days
39	Pre-Photon Undulator Commissioning	12/17/08	2/18/09	71 days
40	1st Spontaneous Light	2/18/09	2/18/09	71 days
41	Commission	2/19/09	3/25/09	71 days
42	**X-Ray Transport & Diagnostics**	**5/2/05**	**4/8/10**	**38 days**
43	**X-Ray Transport & Diagnostics Major Milestones**	**9/22/08**	**4/8/10**	**38 days**
47	Design/Procure	5/2/05	9/22/08	64 days
48	Installation	9/23/08	4/5/09	64 days
49	Commission Mirrors	4/16/09	5/13/09	56 days
50	**X-Ray End Stations**	**7/18/06**	**2/2/10**	**84 days**
51	**X-Ray End Stations Major Milestones**	**9/18/08**	**9/1/09**	**195 days**
55	Design/Procure/Assy	7/18/06	2/13/09	96 days
56	2-D X-Ray Detector Design Procure	8/2/06	2/13/09	96 days
57	2-D X-Ray Detector Installation	2/16/09	3/10/09	96 days
58	2-D X-Ray Detector Commission	3/11/09	3/19/09	96 days
59	X-Ray Tunnel Beam Commissioning	4/7/09	2/2/10	84 days
60	**Operations**	10/1/08	5/31/10	0 days