

## NEWFIRM CoDR Roadmap

ID	Task Name	Duration	Start	Finish	Predecessors	June												July				August				September				October					
						5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30	10/7	10/14						
1	System Spec/FPRD Development	3 wks	5/15/01	6/5/01		[Task Bar]																													
2	Requirements Flowdown	2 wks	6/6/01	6/19/01	1																														
3	<b>Prime/Cass Evaluation</b>	<b>24 days</b>	<b>5/15/01</b>	<b>6/18/01</b>		[Task Bar]																													
4	Convert CAD to SolidWorks	8 days	5/15/01	5/24/01		[Task Bar]																													
5	Optical Element Structural Modeling	3 days	5/25/01	5/30/01	4																														
6	Cell Modeling	3 days	5/31/01	6/4/01	5																														
7	Support Structure Modeling	3 days	6/5/01	6/7/01	6,8,0																														
8	Wire Frame Model Development	4 days	6/8/01	6/13/01	7																														
9	Prime Focus Approach Write Up	9 days	5/22/01	6/4/01		[Task Bar]																													
10	Prime/Cass Engineering Comparison	2 days	6/8/01	6/11/01	7,9,12																														
11	Optics Layout and Placement	9 days	5/15/01	5/25/01		[Task Bar]																													
12	Filter Size Determination	4 days	5/29/01	6/1/01	11																														
13	Filter Vendor Identification	19 days	5/15/01	6/11/01		[Task Bar]																													
14	Engineering Comparison Internal Review	1 day	6/12/01	6/12/01	10,13																														
15	Prime/Cass Comparison Documentation	3 days	6/13/01	6/15/01	14																														
16	Prime/Cass Downselect (IPAC)	1 day	6/18/01	6/18/01	15,13																														
17	Error Budget	2 wks	6/20/01	7/3/01	2,16																														
18	<b>Design Concept Development</b>	<b>61 days</b>	<b>7/5/01</b>	<b>9/28/01</b>		[Task Bar]																													
19	<b>Optical</b>	<b>48 days</b>	<b>7/5/01</b>	<b>9/11/01</b>		[Task Bar]																													
26	<b>Mechanical</b>	<b>45 days</b>	<b>7/5/01</b>	<b>9/6/01</b>		[Task Bar]																													
59	<b>Filters</b>	<b>45 days</b>	<b>7/5/01</b>	<b>9/6/01</b>		[Task Bar]																													
64	<b>Filter Handler</b>	<b>30 days</b>	<b>7/5/01</b>	<b>8/15/01</b>		[Task Bar]																													
68	<b>Detector Array</b>	<b>35 days</b>	<b>7/5/01</b>	<b>8/22/01</b>		[Task Bar]																													
73	<b>Data Processing</b>	<b>20 days</b>	<b>7/5/01</b>	<b>8/1/01</b>		[Task Bar]																													
75	<b>Telescope Guider</b>	<b>15 days</b>	<b>9/10/01</b>	<b>9/28/01</b>	17																														
78	<b>Preliminary Analysis</b>	<b>66 days</b>	<b>5/21/01</b>	<b>8/22/01</b>		[Task Bar]																													
79	<b>Structural</b>	<b>51 days</b>	<b>5/21/01</b>	<b>8/1/01</b>		[Task Bar]																													
84	<b>Thermal</b>	<b>20 days</b>	<b>7/26/01</b>	<b>8/22/01</b>		[Task Bar]																													
87	Risk Assessment	3 wks	9/7/01	9/27/01	24,30,46,63,6																														
88	<b>Documentation Requirements</b>	<b>20 days</b>	<b>7/5/01</b>	<b>8/1/01</b>		[Task Bar]																													
89	Operating Concepts Definition Document	1 wk	7/5/01	7/11/01	17																														
90	Quality Assurance Plan	2 wks	7/5/01	7/18/01	17																														
91	ICD	2 wks	7/19/01	8/1/01	90																														
92	Operator's Manual	2 wks	7/19/01	8/1/01	90,89																														
93	Maintenance Manual	2 wks	7/19/01	8/1/01	90																														
94	<b>Programmatic Issues</b>	<b>45 days</b>	<b>7/19/01</b>	<b>9/20/01</b>		[Task Bar]																													
95	WBS	2 wks	7/19/01	8/1/01	90																														
96	Program Plan	4 wks	8/2/01	8/29/01	95																														
97	Program Schedule	2 days	8/30/01	8/31/01	96																														
98	Cost Estimate	2 wks	9/7/01	9/20/01	97,24,30,34,4																														
99	CoDR Meeting Prep	5 days	10/1/01	10/5/01	59,64,79,84,8																														
100	CoDR	1 day	10/8/01	10/8/01	99																														

Project: Plan to CoDR Date: 6/5/01	Task Split	Progress Milestone	Summary Project Summary	External Tasks External Milestone	Deadline 
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