

LRIS ADC Full Aperture-Core Project

ID	Task Name	Cost Code	Duration	Work	Start	Finish	Fixed Cost	Cost	Gantt Chart																
									00	Half 2, 200	Half 1, 200	Half 2, 200	M	J	J	A	S	O	N	D	J	J	F	M	A
1	Optics		325 days	1,380 hrs	Tue 6/3/03	Tue 9/21/04	\$0.00	\$360,612.00	[Gantt bar for Optics]																
2	Optical Design Analysis		285 days	540 hrs	Tue 6/3/03	Tue 7/27/04	\$0.00	\$35,100.00	[Gantt bar for Optical Design Analysis]																
3	Optical Design-PDR	KADCOD	6 wks	240 hrs	Tue 6/3/03	Mon 7/14/03	\$0.00	\$15,600.00	[Gantt bar for Optical Design-PDR] D Phillips																
4	Dev/update Zemax model of LRI	KADCOD	4 wks	0 hrs	Tue 7/15/03	Mon 8/11/03	\$0.00	\$0.00	[Gantt bar for Dev/update Zemax model of LRI]																
5	Optical Design-CDR	KADCOD	1.5 wks	60 hrs	Tue 1/6/04	Thu 1/15/04	\$0.00	\$3,900.00	[Gantt bar for Optical Design-CDR] D Phillips																
6	Optical Testing Analysis	KADCOD	6 wks	240 hrs	Wed 6/16/04	Tue 7/27/04	\$0.00	\$15,600.00	[Gantt bar for Optical Testing Analysis] D Phillips																
7	Optical Fabrication		240 days	840 hrs	Thu 10/2/03	Tue 9/21/04	\$0.00	\$325,512.00	[Gantt bar for Optical Fabrication]																
8	Order Optical Materials	KADCOM	2 wks	80 hrs	Thu 10/2/03	Wed 10/15/03	\$190,312.00	\$196,312.00	[Gantt bar for Order Optical Materials] D Hilyard																
9	Optical Materials delivery		12 wks	0 hrs	Thu 10/16/03	Mon 1/26/04	\$0.00	\$0.00	[Gantt bar for Optical Materials delivery]																
10	Optical Fabrication	KADCOF	20 wks	240 hrs	Tue 1/27/04	Tue 6/15/04	\$96,000.00	\$114,000.00	[Gantt bar for Optical Fabrication] D Hilyard[30]																
11	Optical Acceptance Testing	KADCOD	6 wks	200 hrs	Wed 6/16/04	Tue 7/27/04	\$0.00	\$14,200.00	[Gantt bar for Optical Acceptance Testing] D Hilyard[
12	Optical Coatings	KADCOC	8 wks	320 hrs	Wed 7/28/04	Tue 9/21/04	\$1,000.00	\$1,000.00	[Gantt bar for Optical Coatings] W Bro																
13	Electronics		177.5 days	490 hrs	Thu 7/17/03	Fri 4/9/04	\$0.00	\$38,120.00	[Gantt bar for Electronics]																
14	Electronics-PDR investigations	KADCEE	5 wks	140 hrs	Thu 7/17/03	Wed 8/20/03	\$0.00	\$7,700.00	[Gantt bar for Electronics-PDR investigations] B Alcott[70%]																
15	Electronics-CDR investigations	KADCEE	5 wks	140 hrs	Thu 10/2/03	Wed 11/5/03	\$0.00	\$7,700.00	[Gantt bar for Electronics-CDR investigations] B Alcott[70%]																
16	Electronic mountings	KADCEF	1.5 wks	90 hrs	Wed 3/10/04	Fri 3/19/04	\$12,370.00	\$16,720.00	[Gantt bar for Electronic mountings] T Cantrall,B Alcott																
17	General wiring	KADCEF	3 wks	120 hrs	Fri 3/19/04	Fri 4/9/04	\$0.00	\$6,000.00	[Gantt bar for General wiring] B Alcott[50%],T																
18	Software		130.63 days	642 hrs	Thu 7/10/03	Tue 1/27/04	\$0.00	\$31,980.00	[Gantt bar for Software]																
19	Software-PDR level investigations	KADCSF	6 wks	108 hrs	Thu 7/10/03	Wed 8/20/03	\$0.00	\$7,020.00	[Gantt bar for Software-PDR level investigations] W Diech[45%]																
20	Software-CDR investigations	KADCSF	10.5 wks	394 hrs	Thu 10/2/03	Thu 12/18/03	\$0.00	\$19,110.00	[Gantt bar for Software-CDR investigations] B Kibrick[30%],D Clark[
21	Software-Coding/code check	KADCSF	3.13 wks	100 hrs	Tue 1/6/04	Tue 1/27/04	\$0.00	\$3,250.00	[Gantt bar for Software-Coding/code check] D Clark[50%],B Kibrick																
22	Software-Slitmask Design Mods	KADCSS	5 days	40 hrs	Tue 1/20/04	Tue 1/27/04	\$0.00	\$2,600.00	[Gantt bar for Software-Slitmask Design Mods] Steve Allen																
23	Mechanical Engineering		205 days	632 hrs	Tue 6/3/03	Tue 4/6/04	\$0.00	\$41,080.00	[Gantt bar for Mechanical Engineering]																
24	ME-PDR level design		55 days	308 hrs	Tue 6/3/03	Wed 8/20/03	\$0.00	\$20,020.00	[Gantt bar for ME-PDR level design]																
25	Design updates of ADC	KADCME	11 wks	308 hrs	Tue 6/3/03	Wed 8/20/03	\$0.00	\$20,020.00	[Gantt bar for Design updates of ADC] V Wallace[70%]																
26	ME-CDR level design	KADCME	240 hrs	168 hrs	Thu 10/2/03	Wed 11/12/03	\$0.00	\$10,920.00	[Gantt bar for ME-CDR level design] V Wallace[70%]																
27	ME-Fabrication supervision	KADCME	520 hrs	156 hrs	Tue 1/6/04	Tue 4/6/04	\$0.00	\$10,140.00	[Gantt bar for ME-Fabrication supervision] V Wallace[30%]																
28	Mechanical Fabrication		120 days	520 hrs	Thu 8/7/03	Mon 2/9/04	\$0.00	\$35,220.00	[Gantt bar for Mechanical Fabrication]																
29	MF-PDR investigations	KADCME	10 days	80 hrs	Thu 8/7/03	Wed 8/20/03	\$0.00	\$4,400.00	[Gantt bar for MF-PDR investigations] J Lewis																
30	MF-CDR investigations	KADCME	1 wk	40 hrs	Thu 10/2/03	Wed 10/8/03	\$0.00	\$2,200.00	[Gantt bar for MF-CDR investigations] J Lewis																
31	MF-Fabrication	KADCMF	5 wks	400 hrs	Tue 1/6/04	Mon 2/9/04	\$10,620.00	\$28,620.00	[Gantt bar for MF-Fabrication] J Ward,D Kanto																
32	Assembly and Test		175 days	840 hrs	Tue 2/10/04	Tue 10/12/04	\$0.00	\$49,000.00	[Gantt bar for Assembly and Test]																
33	MF-Assembly	KADCAM	4 wks	160 hrs	Tue 2/10/04	Tue 3/9/04	\$0.00	\$8,000.00	[Gantt bar for MF-Assembly] J Ward[50%],J Lew																
34	MF-Initial Mechanical Testing	KADCTT	2 wks	80 hrs	Wed 3/10/04	Tue 3/23/04	\$0.00	\$4,400.00	[Gantt bar for MF-Initial Mechanical Testing] V Wallace[50%],J																

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									M	J	A	S	O	N	D	J	F	M	A
35	Initial Electronics testing	KADCTT	3 wks	120 hrs	Fri 4/9/04	Fri 4/30/04	\$0.00	\$6,600.00											
36	Pre Ship Tests	KADCTT	3 wks	480 hrs	Wed 9/22/04	Tue 10/12/04	\$0.00	\$30,000.00											
37	Reviews		445 days	960 hrs	Tue 2/11/03	Tue 11/16/04	\$0.00	\$62,400.00											
38	Phase A Review		0 days	0 hrs	Tue 2/11/03	Tue 2/11/03	\$0.00	\$0.00	1										
39	Post Phase A Period		16 wks	0 hrs	Tue 2/11/03	Mon 6/2/03	\$0.00	\$0.00											
40	Prep for PDR	KADCRV	2 wks	320 hrs	Thu 8/21/03	Wed 9/3/03	\$0.00	\$20,800.00											
41	PDR	KADCRV	0 days	0 hrs	Wed 9/3/03	Wed 9/3/03	\$0.00	\$0.00											
42	Post PDR Period		4 wks	0 hrs	Thu 9/4/03	Wed 10/1/03	\$0.00	\$0.00											
43	Prep for CDR	KADCRV	2 wks	320 hrs	Thu 11/13/03	Mon 12/1/03	\$0.00	\$20,800.00											
44	CDR	KADCRV	0 days	0 hrs	Mon 12/1/03	Mon 12/1/03	\$0.00	\$0.00											
45	Post CDR Period		3 wks	0 hrs	Tue 12/2/03	Mon 1/5/04	\$0.00	\$0.00											
46	Prep for PSR	KADCRV	2 wks	320 hrs	Wed 10/13/04	Tue 10/26/04	\$0.00	\$20,800.00											
47	PSR	KADCRV	0 days	0 hrs	Tue 10/26/04	Tue 10/26/04	\$0.00	\$0.00											
48	Post PSR Period		3 wks	0 hrs	Wed 10/27/04	Tue 11/16/04	\$0.00	\$0.00											
49	Shipping	KADCSP	5 days	8 hrs	Wed 11/17/04	Tue 11/23/04	\$11,200.00	\$11,560.00											
50	Installation and Mech/Elec Tests	KADCIN	2 wks	200 hrs	Wed 11/24/04	Tue 12/7/04	\$23,375.00	\$34,775.00											
51	Software and Optical Tests	KADCIN	2 wks	160 hrs	Wed 12/8/04	Tue 12/21/04	\$0.00	\$10,400.00											
52	First Light		0 days	0 hrs	Tue 12/21/04	Tue 12/21/04	\$0.00	\$0.00											
53	On Sky Tests	KADCIN	3 days	24 hrs	Wed 12/22/04	Fri 12/24/04	\$0.00	\$1,560.00											
54	Documentation	KADCDC	4 wks	160 hrs	Mon 12/27/04	Fri 1/21/05	\$0.00	\$10,400.00											
55	Project Management	KADCPM	400 days	320 hrs	Tue 5/20/03	Tue 12/21/04	\$0.00	\$31,500.00											
76	CARA tasks		337 days	0 hrs	Mon 7/14/03	Wed 11/17/04	\$0.00	\$0.00											
77	Location of defining points		0 days	0 hrs	Mon 7/14/03	Mon 7/14/03	\$0.00	\$0.00											
78	Defining Points Installed		0 days	0 hrs	Wed 11/17/04	Wed 11/17/04	\$0.00	\$0.00											
79	LRIS Hatch Modifications Installed		0 days	0 hrs	Wed 8/25/04	Wed 8/25/04	\$0.00	\$0.00											
80	ICD complete		0 days	0 hrs	Thu 8/21/03	Thu 8/21/03	\$0.00	\$0.00											
81	Interface infrastructure installed		0 days	0 hrs	Wed 11/17/04	Wed 11/17/04	\$0.00	\$0.00											