ID	Task Name	Duration	Start	Finish	Predecess	Resource Na
1	**Project Reassessment Start Date**	1d	21/05/96	21/05/96		
2	**Science Program**	**35d**	**22/05/96**	**09/07/96**		
3	Telescope target 1 identify	5d	22/05/96	28/05/96	1	rse,rgm
4	Overall instrument concept	1d	22/05/96	22/05/96	1	rse,rgm
5	Consultation in department	20d	23/05/96	19/06/96	4	rse,rgm
6	First draft programme	5d	20/06/96	26/06/96	5,3	rse,rgm
7	Telescope target 2 identify	20d	29/05/96	25/06/96	3	rse,rgm
8	Final science programme	10d	26/06/96	09/07/96	7	rse,rgm
9	**Observing Procedure Design**	**36d**	**23/05/96**	**11/07/96**		
10	Facilities required specification	2d	23/05/96	24/05/96	1,4	cdm
11	Operational modes definition	2d	27/06/96	28/06/96	10,6	cdm
12	System controls needed spec	2d	01/07/96	02/07/96	11	cdm
13	Software facilities needed spec	2d	03/07/96	04/07/96	12	cdm
14	A&G facilities needed	2d	05/07/96	08/07/96	13	cdm
15	Telescope interfaces needed	3d	09/07/96	11/07/96	14	cdm
16	**Hardware Procurement**	**186d**	**21/05/96**	**04/02/97**		
17	Receive Engineering grade device	1d	21/05/96	21/05/96		rockwell
18	Receive device #1	120d	22/05/96	05/11/96	17	rockwell
19	Receive device #2	20d	06/11/96	03/12/96	18	rockwell
20	Receive device #3	25d	04/12/96	07/01/97	19	rockwell
21	Receive device #4	20d	08/01/97	04/02/97	20	rockwell
22	**Test Camera Construction**	**116d**	**22/05/96**	**30/10/96**		
23	Construct multiplexer box	2d	16/08/96	19/08/96	1	mgb
24	Test multiplexer box	2d	20/08/96	21/08/96	23	mgb
25	Manufacture test dewar internals	10d	22/05/96	04/06/96	1	workshop
26	Assemble test dewar	2d	06/06/96	07/06/96	25	mgb
27	Assemble test dewar	3d	10/06/96	12/06/96	26	jp
28	Install IR detector model, thermal tes	5d	24/06/96	28/06/96	17,27	mgb
29	Multiplexer Electrical tests	10d	22/08/96	04/09/96	24,28,40	mgb
30	Install engineering grade detector anc	10d	12/09/96	25/09/96	29,41	mgb
31	Full system tests	15d	10/10/96	30/10/96	30,42	mgb
32	**Software for controller**	**102d**	**21/05/96**	**09/10/96**		
33	Software functional specification	2d	21/05/96	22/05/96		mgb,cdm
34	Review SAM/Transputer/41UI code	2d	23/05/96	24/05/96	33	mgb
35	Conceptual design of camera softwa	3d	03/06/96	05/06/96	34	mgb
36	Tests with 4100 standard system	5d	27/05/96	31/05/96	33	mgb
37	Design SAM code	10d	10/06/96	21/06/96	35,36	mgb
38	Test SAM code	10d	08/07/96	19/07/96	37	mgb
39	Modify 41UI code	8d	26/07/96	06/08/96	38	mgb
40	Test 41UI code changes	5d	07/08/96	13/08/96	39	mgb
41	Integrate in display/diagnostic packag	5d	05/09/96	11/09/96	40	mgb
42	Full code tests	10d	26/09/96	09/10/96	41	mgb
43	**CRITICAL DESIGN REVIEW**	1d	10/07/96	10/07/96	8,10,35	ALL
44	**Main System Construction**	**240d**	**01/07/96**	**30/05/97**		
45	Conceptual design of system	5d	01/07/96	05/07/96	28	mgb,cdm,rgm
46	Design of dewar	2d	22/07/96	23/07/96	15,45	mgb
47	Design of dewar	20d	24/07/96	20/08/96	46	jr
48	Manufacture of dewar	90d	21/08/96	24/12/96	47	Oxford Inst
49	Design of filter wheel, shielding, etc	2d	24/07/96	25/07/96	46	mgb
50	Design of filter wheel, shielding, etc	8d	29/07/96	07/08/96	49	jp
51	Design of detector mounts	2d	14/08/96	15/08/96	50	mgb
52	Design of detector mounts	8d	16/08/96	27/08/96	51	jp
53	Manufacture of dewar internals	30d	28/08/96	08/10/96	52	workshop

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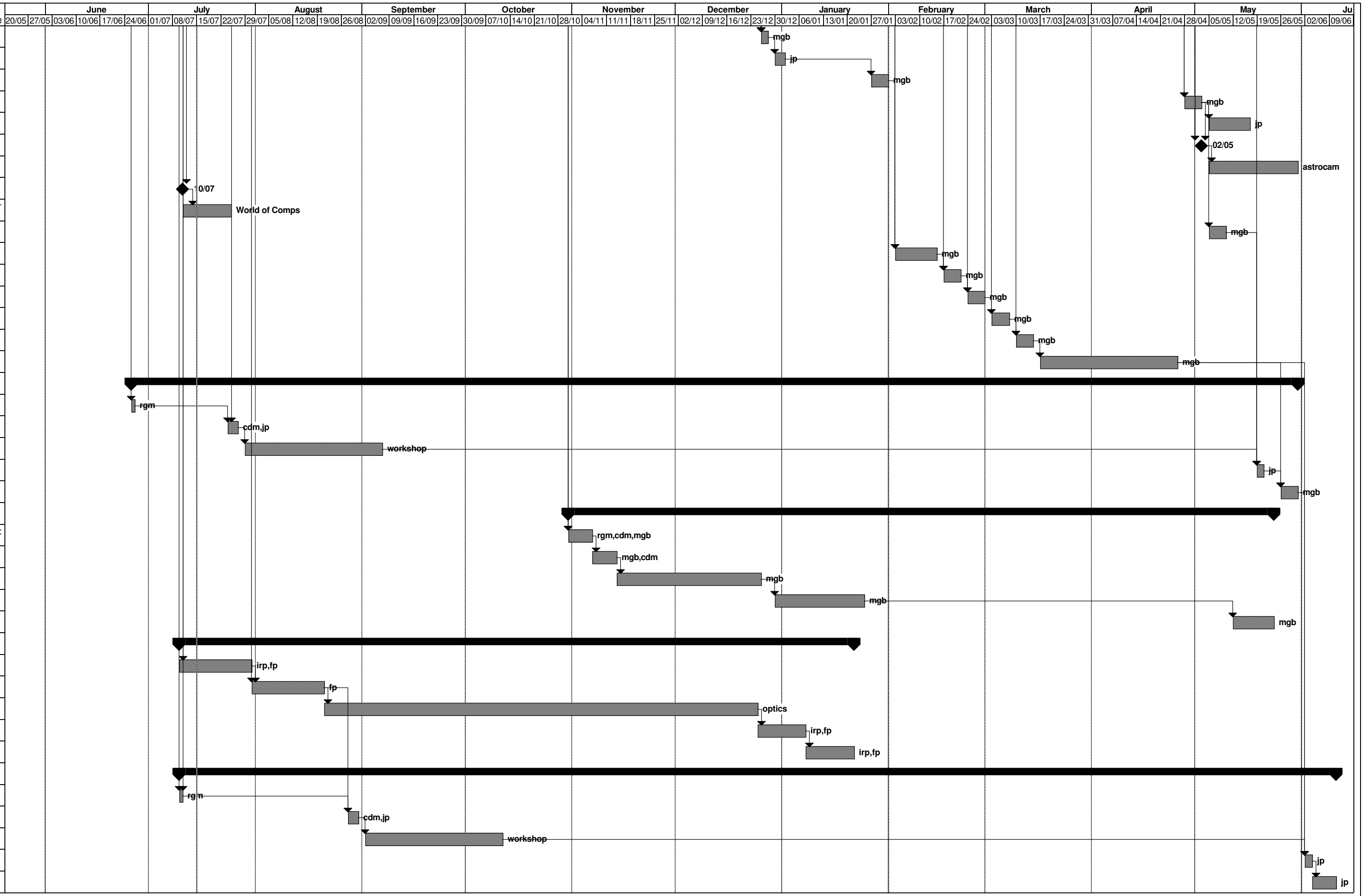
ID	Task Name	Duration	Start	Finish	Predecess	Resource Na
54	Assembly of dewar internals	2d	26/12/96	27/12/96	31,42,48,53	mgb
55	Assembly of dewar internals	3d	30/12/96	01/01/97	54	jp
56	Testing with multiplexer device	5d	27/01/97	31/01/97	55	mgb
57	Design of A&G system (manual)	5d	28/04/97	02/05/97	14,46	mgb
58	Design of A&G system (manual)	10d	05/05/97	16/05/97	57	jp
59	Order A&G camera	0d	02/05/97	02/05/97	57,43,46	mgb
60	Receive A&G camera	20d	05/05/97	30/05/97	59	astrocam
61	Order A&G computer	0d	10/07/96	10/07/96	43	mgb
62	Receive A&G computer	10d	11/07/96	24/07/96	61	World of Com
63	Install and test A&G system	5d	05/05/97	09/05/97	57	mgb
64	Test main dewar with eng. device	10d	03/02/97	14/02/97	17,42,56	mgb
65	Install and test device #1	5d	17/02/97	21/02/97	18,64	mgb
66	Install and test device #2	5d	24/02/97	28/02/97	19,65	mgb
67	Install and test device #3	5d	03/03/97	07/03/97	20,66	mgb
68	Install and test device #4	5d	10/03/97	14/03/97	21,67	mgb
69	Full system tests	30d	17/03/97	25/04/97	68	mgb
70	**Telescope #1 Interface hardware**	**243d**	**26/06/96**	**30/05/97**		
71	Procure interface drawings	1d	26/06/96	26/06/96	3FS+20d	rgm
72	Design mount hardware	3d	24/07/96	26/07/96	46,71	cdm,jp
73	Manufacture mount hardware	30d	29/07/96	06/09/96	72	workshop
74	Install on Main dewar	2d	19/05/97	20/05/97	73,48,63	jp
75	Test full system	5d	26/05/97	30/05/97	69,74	mgb
76	**Software for Data Taking/Observing**	**147d**	**31/10/96**	**23/05/97**		
77	Specification of data taking software	5d	31/10/96	06/11/96	8,15,45	rgm,cdm,mgb
78	Design of software for observing	5d	07/11/96	13/11/96	77	mgb,cdm
79	Writing of observing software	30d	14/11/96	25/12/96	78	mgb
80	Testing of observing software	20d	30/12/96	24/01/97	79	mgb
81	Documentation of observing software	10d	12/05/97	23/05/97	80	mgb
82	**Corrector Design and Manufacture**	**140d**	**10/07/96**	**21/01/97**		
83	Corrector design study	15d	10/07/96	30/07/96	8	irp,fp
84	Full corrector design	15d	31/07/96	20/08/96	46,83	fp
85	Manufacturing of corrector	90d	21/08/96	24/12/96	84	optics
86	Assembly of corrector	10d	25/12/96	07/01/97	85	irp,fp
87	Testing of corrector	10d	08/01/97	21/01/97	86	irp,fp
88	**Telescope #2 Interface hardware**	**240d**	**10/07/96**	**10/06/97**		
89	Procure interface drawings	1d	10/07/96	10/07/96	8,3FS+20d	rgm
90	Design mount hardware	3d	28/08/96	30/08/96	84,89	cdm,jp
91	Manufacture mount hardware	30d	02/09/96	11/10/96	90	workshop
92	Install on Main dewar	2d	02/06/97	03/06/97	69,75,91	jp
93	Test full system	5d	04/06/97	10/06/97	92	jp



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