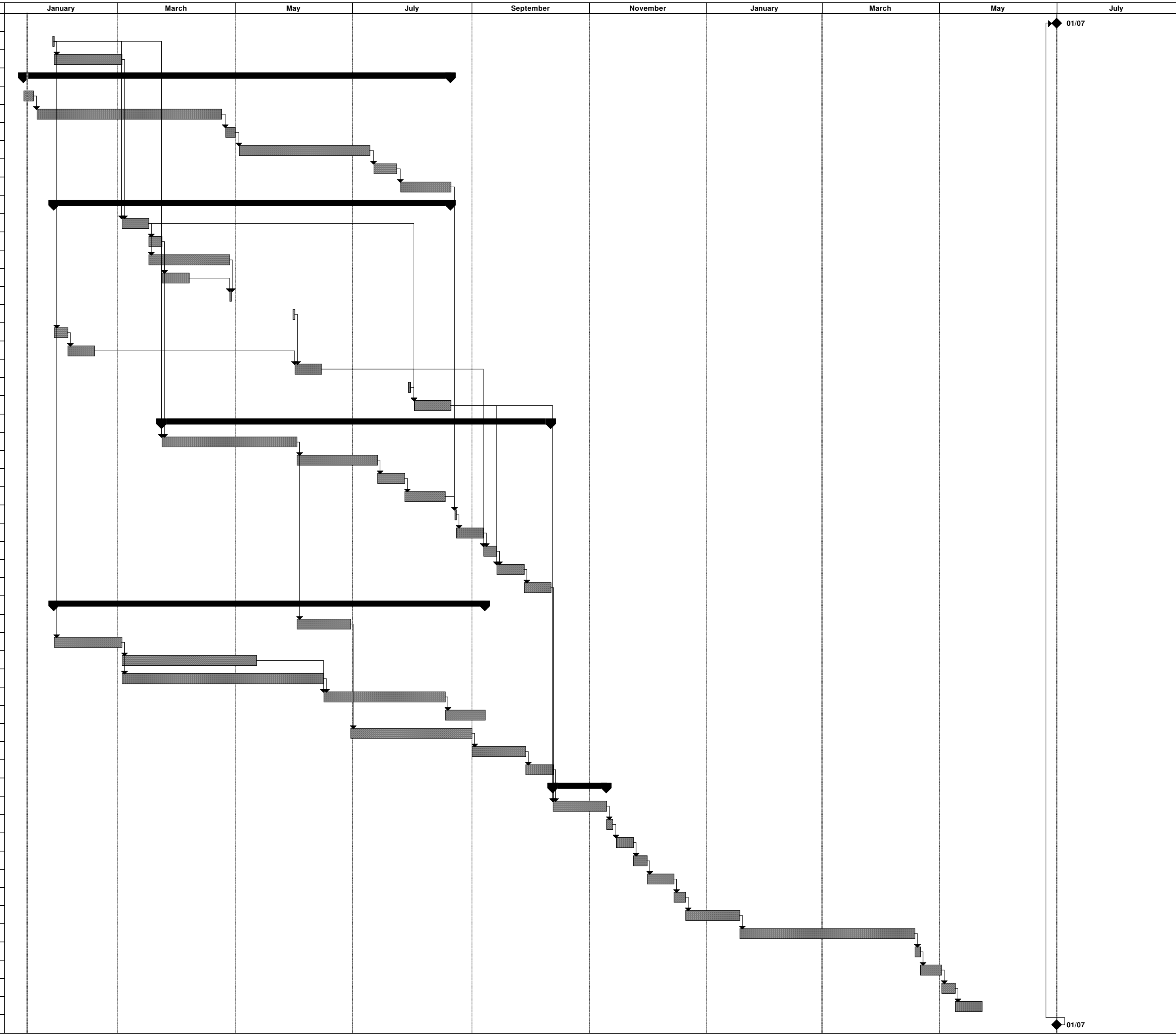
ID	Task Name	Duration	Start	Finish	Predecessors
1	***CIRPASS Project***	0d	01/07/00	01/07/00	56
2	GBFC Approval	1d	26/01/99	26/01/99	
3	Hire Design Engineer	25d	27/01/99	02/03/99	2
4	**Camera Optics**	**160d**	**11/01/99**	**20/08/99**	
5	Preliminary Design Completion	5d	11/01/99	15/01/99	
6	Detailed Design	70d	18/01/99	23/04/99	5
7	Optics Ordered	5d	26/04/99	30/04/99	6
8	Optics Delivery Complete	50d	03/05/99	09/07/99	7
9	Optical Integration (warm)	10d	12/07/99	23/07/99	8
10	First Optical System Tests	20d	26/07/99	20/08/99	9
11	**Detector System Development**	**148d**	**27/01/99**	**20/08/99**	
12	Detector Mount Designed	10d	03/03/99	16/03/99	2,3
13	Test dewar designed	5d	17/03/99	23/03/99	12
14	Detector Mount Completed	30d	17/03/99	27/04/99	12
15	test dewar parts completed	10d	24/03/99	06/04/99	13
16	test dewar ready	1d	28/04/99	28/04/99	14,15
17	Engineering Grade Detector rcvd	1d	31/05/99	31/05/99	
18	Interface Box Manufacture	5d	27/01/99	02/02/99	2
19	Controller Integration	10d	03/02/99	16/02/99	18
20	Engineering Grade Tests Complete	10d	01/06/99	14/06/99	17,19
21	2048x2048 Detector Delivery	1d	30/07/99	30/07/99	
22	Full 2048 Detector Acceptance Tests	15d	02/08/99	20/08/99	12,20,21
23	**Camera Dewar development**	**144d**	**24/03/99**	**11/10/99**	
24	Mechanical Design	50d	24/03/99	01/06/99	2,12,13
25	Mech. Parts Delivery Complete	30d	02/06/99	13/07/99	24
26	Mechanical Assembly Done	10d	14/07/99	27/07/99	25
27	Vacuum and cryo tests	15d	28/07/99	17/08/99	26
28	install optics in dewar	1d	23/08/99	23/08/99	27,10
29	Camera Dewar Optical Tests	10d	24/08/99	06/09/99	28
30	Detector Integration into Dewar	5d	07/09/99	13/09/99	20,29
31	Camera Dewar Tests Complete	10d	14/09/99	27/09/99	22,30
32	Dewar Integration into CIRPASS	10d	28/09/99	11/10/99	31
33	**IFU Development**	**160d**	**27/01/99**	**07/09/99**	
34	IFU Mechanical Design	20d	02/06/99	29/06/99	24
35	ifu optical design	25d	27/01/99	02/03/99	2
36	Fibre Procurement Complete	50d	03/03/99	11/05/99	35
37	Microlenses Received	75d	03/03/99	15/06/99	35
38	Fibre Assembly Construction	45d	16/06/99	17/08/99	37,36
39	IFU System Tests	15d	18/08/99	07/09/99	38
40	**FPU design**	**45d**	**30/06/99**	**31/08/99**	**34**
41	**FPU manufacture**	**20d**	**01/09/99**	**28/09/99**	**40**
42	**FPU tests**	**10d**	**29/09/99**	**12/10/99**	**41**
43	**Full CIRPASS System Tests**	**20d**	**13/10/99**	**09/11/99**	
44	Full System Tests in Cambridge	20d	13/10/99	09/11/99	42,22,32
45	**Pack system for shipping**	**3d**	**10/11/99**	**12/11/99**	**44**
46	**Ship CIRPASS to Gemini**	**7d**	**15/11/99**	**23/11/99**	**45**
47	**Assemble and Test on Mauna Kea**	**5d**	**24/11/99**	**30/11/99**	**46**
48	**First Commissioning Run on GEMINI**	**10d**	**01/12/99**	**14/12/99**	**47**
49	**Pack CIRPASS ready to ship**	**4d**	**15/12/99**	**20/12/99**	**48**
50	**Return CIRPASS to Cambridge**	**20d**	**21/12/99**	**17/01/00**	**49**
51	**Continue testing and developing**	**65d**	**18/01/00**	**17/04/00**	**50**
52	**Pack**	**3d**	**18/04/00**	**20/04/00**	**51**
53	**Ship**	**7d**	**21/04/00**	**01/05/00**	**52**
54	**Assemble**	**5d**	**02/05/00**	**08/05/00**	**53**
55	**second commissioning**	**10d**	**09/05/00**	**22/05/00**	**54**
56	**First Community use of CIRPASS**	**0d**	**01/07/00**	**01/07/00**	



Project: CIRPASS on GEMINI
Date: 13/01/99

Task | Progress | Milestone | Summary | Rolled Up Task | Rolled Up Milestone | Rolled Up Progress