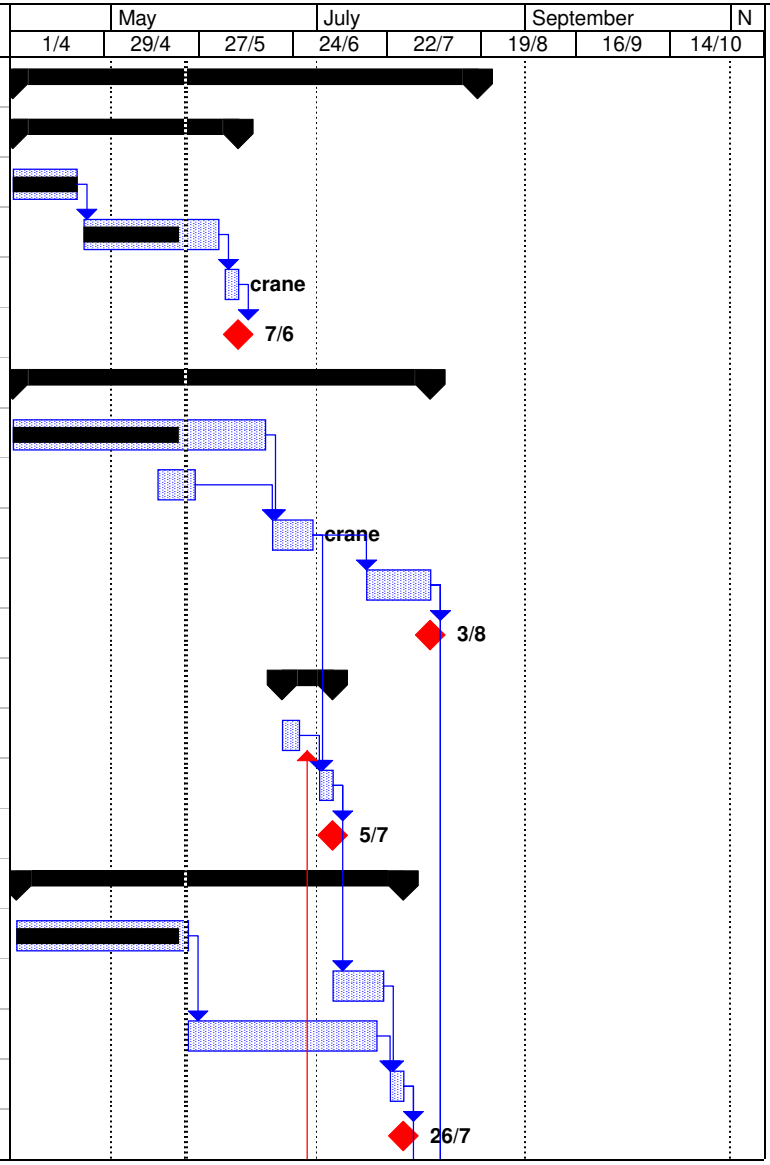
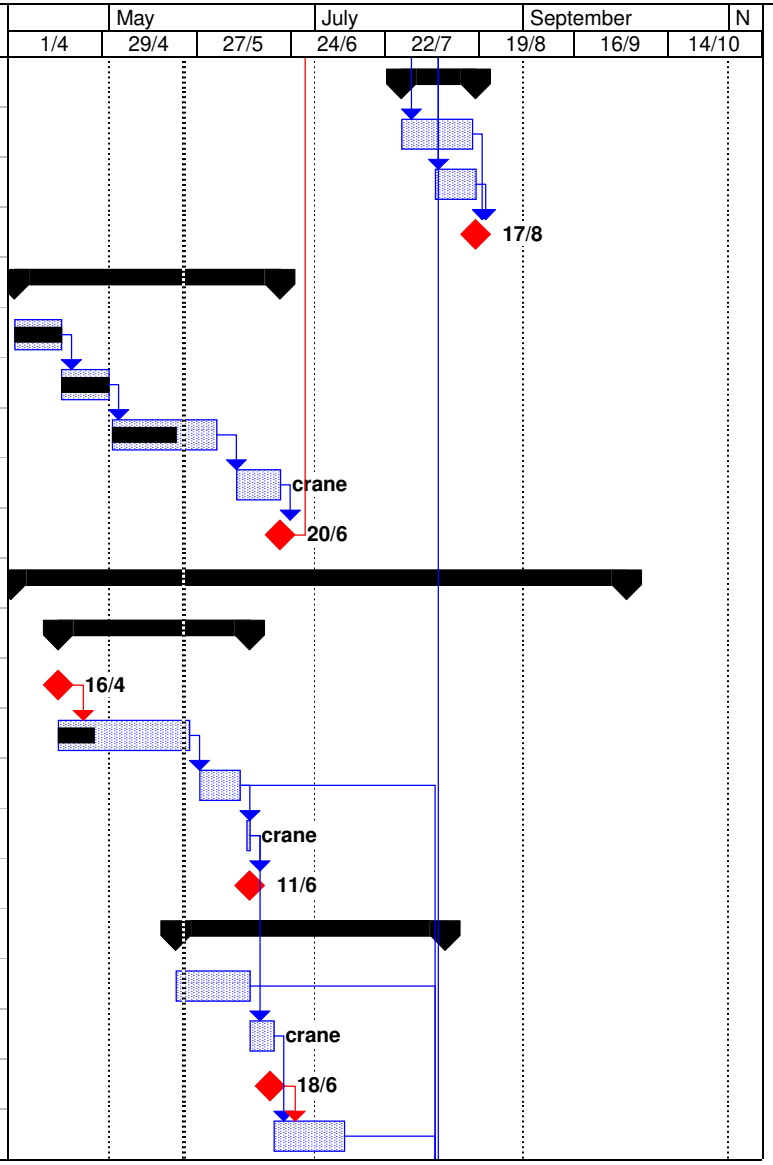
ID	Task Name	Duration	Start	Finish	Predecessors
1	**Rich**	**100 days**	**Mon 2/4/01**	**Fri 17/8/01**	
2	**mirrors**	**49 days**	**Mon 2/4/01**	**Thu 7/6/01**	
3	mirror mounting	3 wks	Mon 2/4/01	Fri 20/4/01	
4	mirror alignment	6 wks	Mon 23/4/01	Fri 1/6/01	3
5	temp backwall	4 days	Mon 4/6/01	Thu 7/6/01	4
6	mirrors ready	0 days	Thu 7/6/01	Thu 7/6/01	5
7	**photon detectors**	**90 days**	**Mon 2/4/01**	**Fri 3/8/01**	
8	construction & tests 5-	55 days	Mon 2/4/01	Fri 15/6/01	
9	piping	9 days	Tue 15/5/01	Fri 25/5/01	
10	installation	2 wks	Mon 18/6/01	Fri 29/6/01	9,8
11	FE electronics	3 wks	Mon 16/7/01	Fri 3/8/01	10
12	PD ready for test	0 days	Fri 3/8/01	Fri 3/8/01	11
13	**vessel**	**11 days**	**Thu 21/6/01**	**Thu 5/7/01**	
14	beam pipe mount	3 days	Thu 21/6/01	Mon 25/6/01	32
15	leak tests	4 days	Mon 2/7/01	Thu 5/7/01	14,10
16	vessel tight	0 days	Thu 5/7/01	Thu 5/7/01	15
17	**radiator gas**	**83 days**	**Tue 3/4/01**	**Thu 26/7/01**	
18	cryocleaning bad bottl	37 days	Tue 3/4/01	Wed 23/5/01	
19	N2 circulation	11 days	Fri 6/7/01	Fri 20/7/01	15
20	standard cleaning	8 wks	Thu 24/5/01	Wed 18/7/01	18
21	fill gas system	4 days	Mon 23/7/01	Thu 26/7/01	20,19
22	start C4F10 circulation	0 days	Thu 26/7/01	Thu 26/7/01	21



Project: install_2001
Date: Wed 23/5/01

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

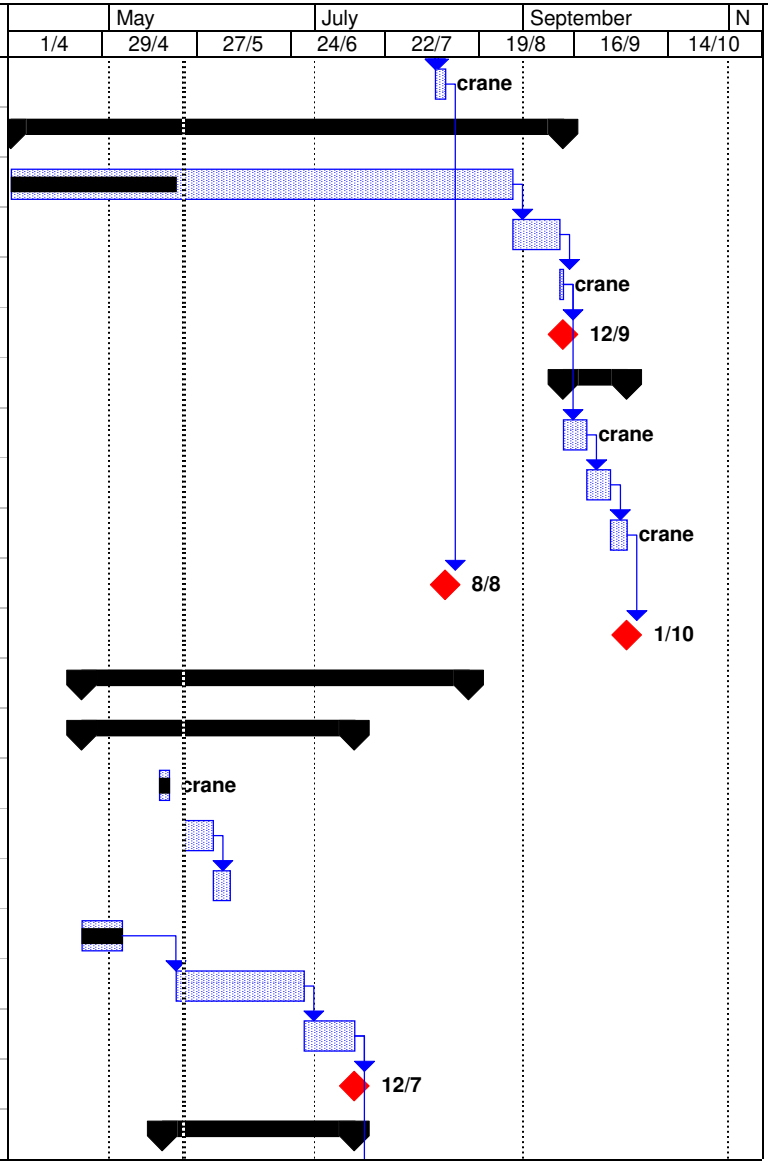
ID	Task Name	Duration	Start	Finish	Predecessors
23	**commissioning**	**16 days**	**Fri 27/7/01**	**Fri 17/8/01**	
24	gas cleaning	3 wks	Fri 27/7/01	Thu 16/8/01	21
25	FE commissioning	2 wks	Mon 6/8/01	Fri 17/8/01	11
26	Rich ready for 2001	0 days	Fri 17/8/01	Fri 17/8/01	24,25
27	**tent**	**57 days**	**Tue 3/4/01**	**Wed 20/6/01**	
28	design	10 days	Tue 3/4/01	Mon 16/4/01	
29	tender	10 days	Tue 17/4/01	Mon 30/4/01	28
30	production	23 days	Wed 2/5/01	Fri 1/6/01	29
31	installation	9 days	Fri 8/6/01	Wed 20/6/01	30
32	tent ready for 2001	0 days	Wed 20/6/01	Wed 20/6/01	31
33	**straws**	**131 days**	**Mon 2/4/01**	**Mon 1/10/01**	
34	**DL 2 and 3**	**41 days**	**Mon 16/4/01**	**Mon 11/6/01**	
35	production of planes 2	0 days	Mon 16/4/01	Mon 16/4/01	
36	repair of plane 3	29 days	Mon 16/4/01	Thu 24/5/01	35
37	shipping	10 days	Mon 28/5/01	Fri 8/6/01	36
38	unloading	1 day	Mon 11/6/01	Mon 11/6/01	37
39	DL 2 & 3 at CERN	0 days	Mon 11/6/01	Mon 11/6/01	38
40	**Installation DL 2&3**	**58 days**	**Mon 21/5/01**	**Wed 8/8/01**	
41	production of supports	16 days	Mon 21/5/01	Mon 11/6/01	
42	joining of submodule	5 days	Tue 12/6/01	Mon 18/6/01	38
43	FE electronics for 2 DI	0 days	Mon 18/6/01	Mon 18/6/01	
44	FE electronics install	15 days	Tue 19/6/01	Mon 9/7/01	43,42



Project: install_2001
Date: Wed 23/5/01

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

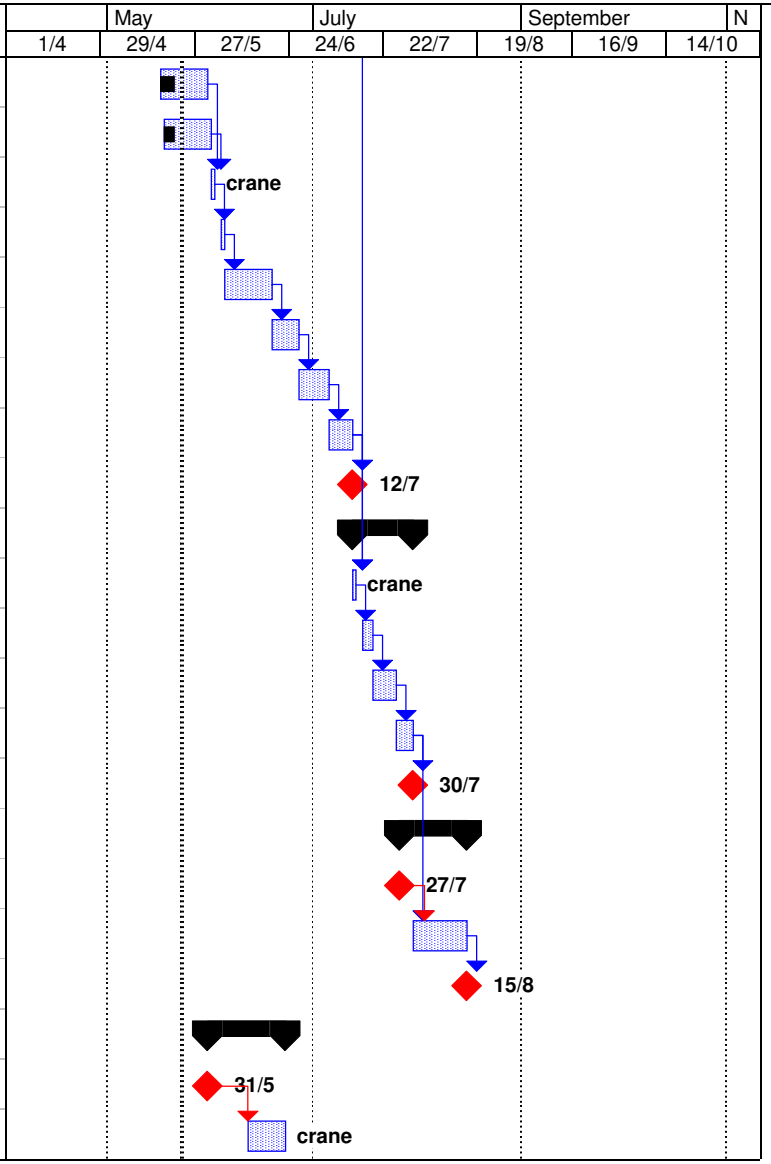
ID	Task Name	Duration	Start	Finish	Predecessors
45	installation in hall	3 days	Mon 6/8/01	Wed 8/8/01	44,37,41,11
46	**DL 4 & 5**	**118 days**	**Mon 2/4/01**	**Wed 12/9/01**	
47	production of planes 4	107 days	Mon 2/4/01	Tue 28/8/01	
48	shipping	10 days	Wed 29/8/01	Tue 11/9/01	47
49	unloading	1 day	Wed 12/9/01	Wed 12/9/01	48
50	DL 4&5 at CERN	0 days	Wed 12/9/01	Wed 12/9/01	49
51	**Installation DL 4&5**	**13 days**	**Thu 13/9/01**	**Mon 1/10/01**	
52	joining of submodule	5 days	Thu 13/9/01	Wed 19/9/01	49
53	FE electronics install	5 days	Thu 20/9/01	Wed 26/9/01	52
54	installation in hall	3 days	Thu 27/9/01	Mon 1/10/01	53
55	3 DL ready	0 days	Wed 8/8/01	Wed 8/8/01	45
56	5 DL ready	0 days	Mon 1/10/01	Mon 1/10/01	54
57	**PT**	**83 days**	**Mon 23/4/01**	**Wed 15/8/01**	
58	**DR**	**59 days**	**Mon 23/4/01**	**Thu 12/7/01**	
59	move DR	3 days	Wed 16/5/01	Fri 18/5/01	
60	modification of piping	7 days	Wed 23/5/01	Thu 31/5/01	
61	leak tests	3 days	Fri 1/6/01	Tue 5/6/01	60
62	design of new cavity	10 days	Mon 23/4/01	Fri 4/5/01	
63	fabrication of cavity	28 days	Mon 21/5/01	Wed 27/6/01	62
64	mount and test cavity	11 days	Thu 28/6/01	Thu 12/7/01	63
65	ready to mount in magnet	0 days	Thu 12/7/01	Thu 12/7/01	64
66	**SMC magnet**	**41 days**	**Thu 17/5/01**	**Thu 12/7/01**	



Project: install_2001
Date: Wed 23/5/01

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

ID	Task Name	Duration	Start	Finish	Predecessors
67	testing of SMC magne	10 days	Thu 17/5/01	Wed 30/5/01	
68	magnet support	10 days	Fri 18/5/01	Thu 31/5/01	
69	move magnet to platfo	1 day	Fri 1/6/01	Fri 1/6/01	68,67
70	pressure test	1 day	Mon 4/6/01	Mon 4/6/01	69
71	connect magnet	10 days	Tue 5/6/01	Mon 18/6/01	70
72	cool down	6 days	Tue 19/6/01	Tue 26/6/01	71
73	tests	7 days	Wed 27/6/01	Thu 5/7/01	72
74	warm up	5 days	Fri 6/7/01	Thu 12/7/01	73
75	ready to mount DR	0 days	Thu 12/7/01	Thu 12/7/01	74
76	**integration DR magnet**	**12 days**	**Fri 13/7/01**	**Mon 30/7/01**	
77	install DR	1 day	Fri 13/7/01	Fri 13/7/01	74,64
78	connect pipe and instr	3 days	Mon 16/7/01	Wed 18/7/01	77
79	cool down	5 days	Thu 19/7/01	Wed 25/7/01	78
80	tests	3 days	Thu 26/7/01	Mon 30/7/01	79
81	ready to load target	0 days	Mon 30/7/01	Mon 30/7/01	80
82	**Commissioning**	**14 days**	**Fri 27/7/01**	**Wed 15/8/01**	
83	target material at CER	0 days	Fri 27/7/01	Fri 27/7/01	
84	target material tests	12 days	Tue 31/7/01	Wed 15/8/01	83,80
85	target ready for 2001	0 days	Wed 15/8/01	Wed 15/8/01	84
86	**SciFi (G)**	**17 days**	**Thu 31/5/01**	**Fri 22/6/01**	
87	Discriminators	0 days	Thu 31/5/01	Thu 31/5/01	
88	installation	9 days	Tue 12/6/01	Fri 22/6/01	87



Project: install_2001
Date: Wed 23/5/01

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

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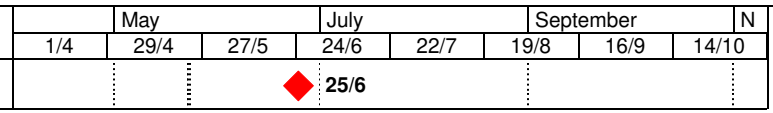
89	move SM2 final	0 days	Mon 25/6/01	Mon 25/6/01	



Project: install_2001
Date: Wed 23/5/01

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary