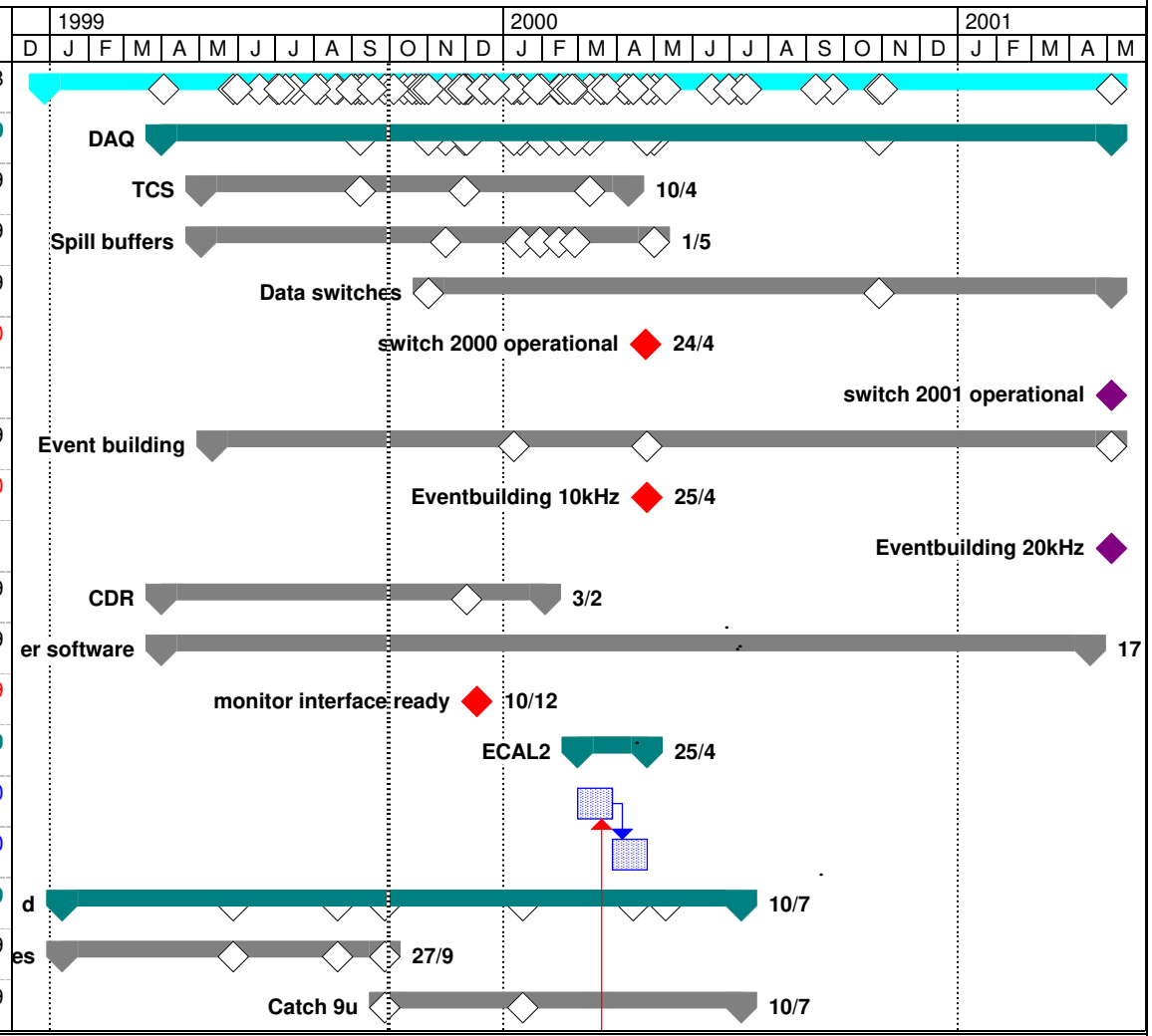
Compass Spectrometer / CERN

Thu 30/9/99

ID	Task Name	Duration	Start
1	compass	615 days	Mon 28/12/98
2	**DAQ**	**547 days**	**Thu 1/4/99**
1	TCS	246 days	Mon 3/5/99
24	Spill buffers	261 days	Mon 3/5/99
43	Data switches	394 days	Tue 2/11/99
50	switch 2000 operational	0 days	Mon 24/4/00
51	switch 2001 operational	0 days	Fri 4/5/01
52	Event building	518 days	Wed 12/5/99
65	Eventbuilding 10kHz	0 days	Tue 25/4/00
66	Eventbuilding 20kHz	0 days	Fri 4/5/01
67	CDR	221 days	Thu 1/4/99
73	Other software	534 days	Thu 1/4/99
76	monitor interface ready	0 days	Fri 10/12/99
3	**ECAL2**	**40 days**	**Wed 1/3/00**
2	Assembly Gams 4000	4 wks	Wed 1/3/00
3	Assembly lead glas	4 wks	Wed 29/3/00
4	**Frontend**	**376 days**	**Mon 11/1/99**
1	Prototypes	186 days	Mon 11/1/99
9	Catch 9u	190 days	Mon 27/9/99



Project: Compass Spectrometer
Date: Mon 2/8/99
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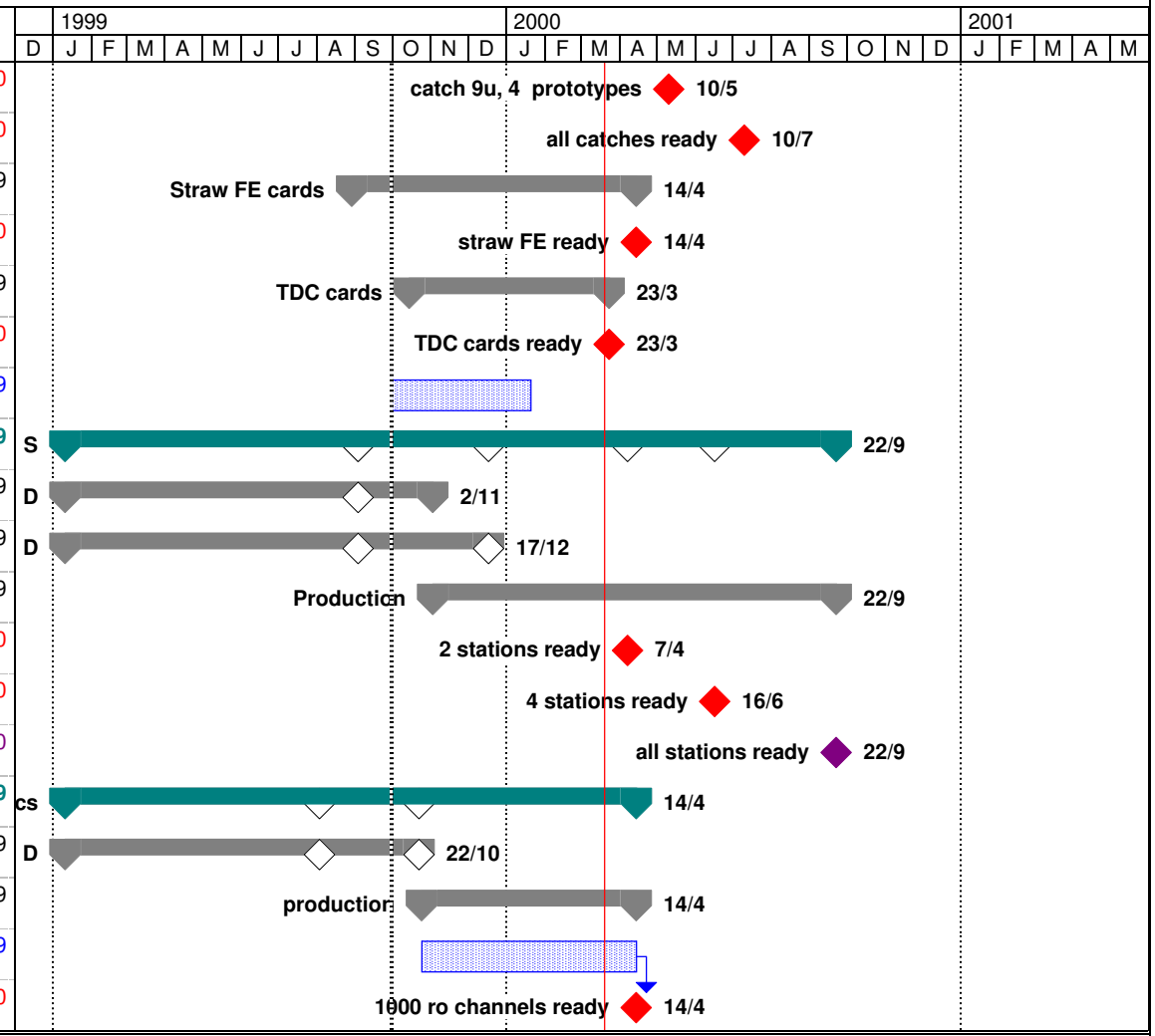
ID	Task Name	Duration	Start
20	catch 9u, 4 prototypes	0 days	Wed 10/5/00
21	all catches ready	0 days	Mon 10/7/00
22	Straw FE cards	150 days	Mon 30/8/99
26	straw FE ready	0 days	Fri 14/4/00
27	TDC cards	100 days	Fri 15/10/99
30	TDC cards ready	0 days	Thu 23/3/00
31	other F1 chips	13 wks	Fri 1/10/99
5	GEMS	430 days	Mon 11/1/99
1	Chamber R&D	212 days	Mon 11/1/99
8	Electronics R&D	245 days	Mon 11/1/99
13	Production	218 days	Wed 3/11/99
20	2 stations ready	0 days	Fri 7/4/00
21	4 stations ready	0 days	Fri 16/6/00
22	all stations ready	0 days	Fri 22/9/00
6	HECAL electronics	330 days	Mon 11/1/99
1	R & D	205 days	Mon 11/1/99
10	production	125 days	Mon 25/10/99
11	Production of 1000 ch	25 wks	Mon 25/10/99
12	1000 ro channels ready	0 days	Fri 14/4/00



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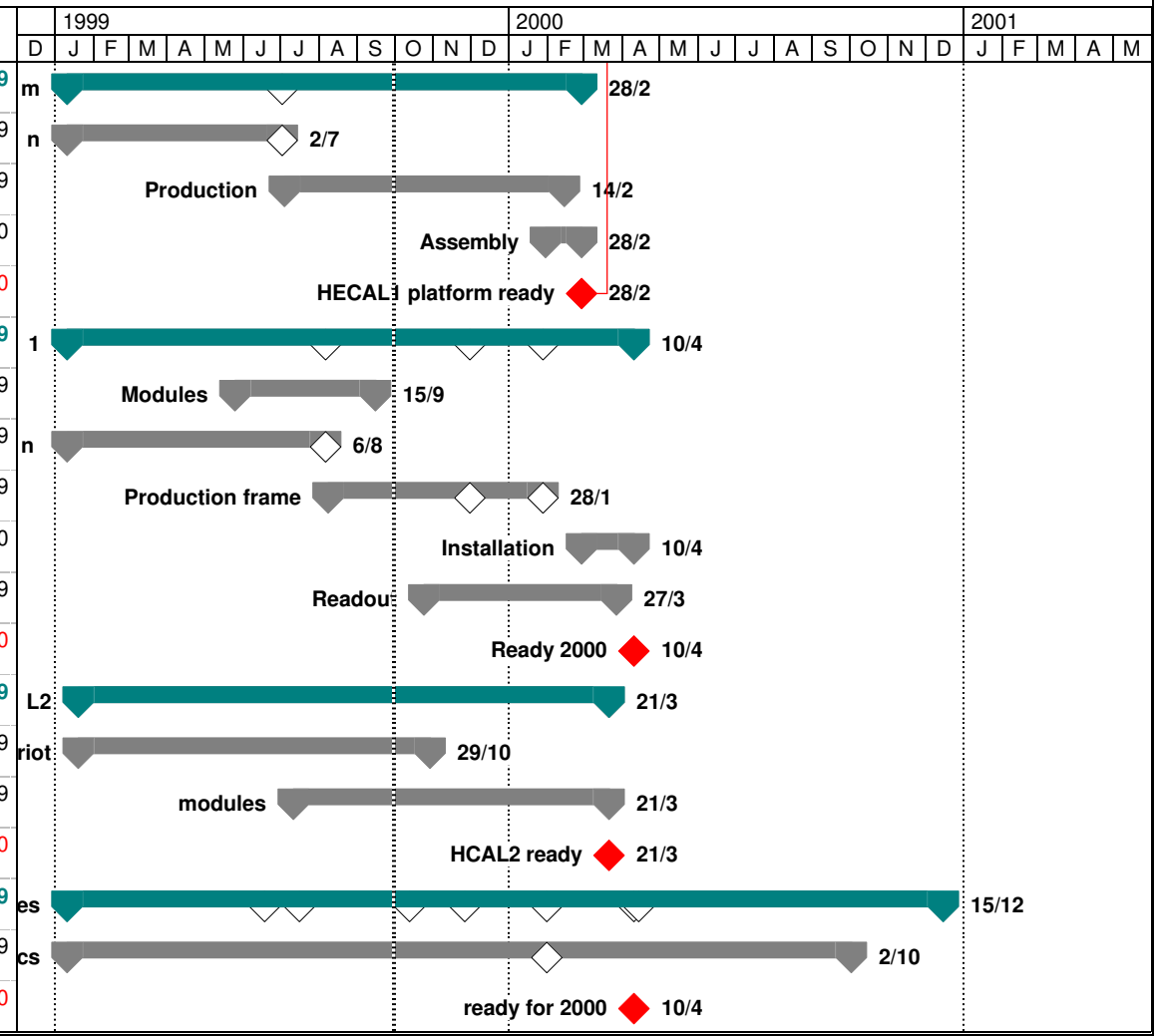
ID	Task Name	Duration	Start
7	**HECAL1 platform**	**285 days**	**Mon 11/1/99**
1	Design	125 days	Mon 11/1/99
4	Production	150 days	Mon 5/7/99
8	Assembly	21 days	Mon 31/1/00
13	HECAL1 platform ready	0 days	Mon 28/2/00
8	**HCAL1**	**315 days**	**Mon 11/1/99**
1	Modules	81 days	Wed 26/5/99
9	HCAL1 Design	150 days	Mon 11/1/99
14	Production frame	114 days	Mon 9/8/99
20	Installation	30 days	Tue 29/2/00
25	Readout	100 days	Mon 25/10/99
28	Ready 2000	0 days	Mon 10/4/00
9	**HCAL2**	**294 days**	**Wed 20/1/99**
1	Chariot	203 days	Wed 20/1/99
9	modules	171 days	Mon 12/7/99
15	HCAL2 ready	0 days	Tue 21/3/00
10	**Hodoscopes**	**505 days**	**Mon 11/1/99**
1	trigger electronics	451 days	Mon 11/1/99
9	ready for 2000	0 days	Mon 10/4/00



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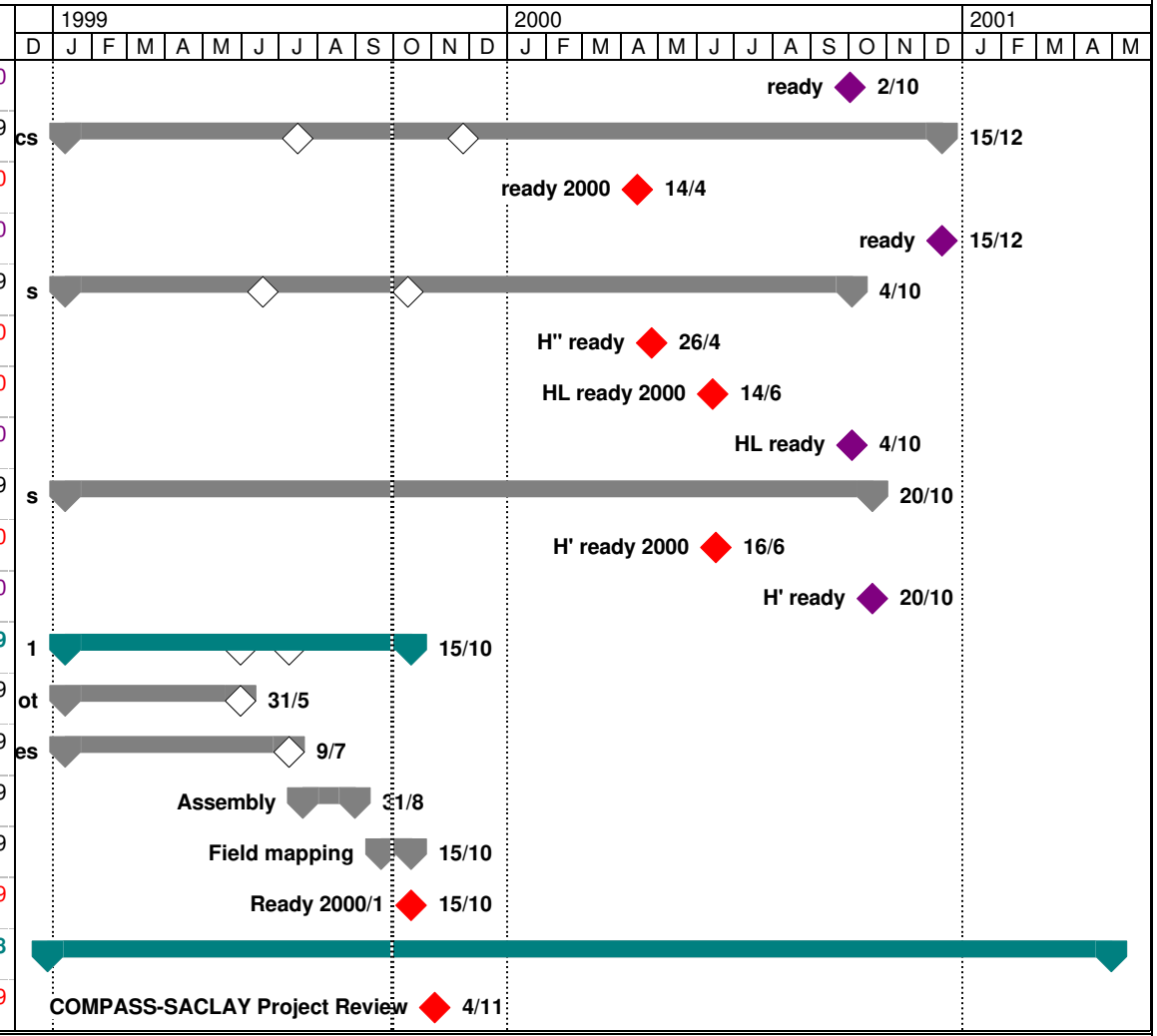
ID	Task Name	Duration	Start
10	ready	0 days	Mon 2/10/00
11	Summation electronics	505 days	Mon 11/1/99
20	ready 2000	0 days	Fri 14/4/00
21	ready	0 days	Fri 15/12/00
22	Double prime hodos	452.5 days	Mon 11/1/99
30	H'' ready	0 days	Wed 26/4/00
31	HL ready 2000	0 days	Wed 14/6/00
32	HL ready	0 days	Wed 4/10/00
33	prime hodos	465 days	Mon 11/1/99
38	H' ready 2000	0 days	Fri 16/6/00
39	H' ready	0 days	Fri 20/10/00
11	**Magnet SM1**	**200 days**	**Mon 11/1/99**
1	chariot	101 days	Mon 11/1/99
7	yoke and pole pieces	130 days	Mon 11/1/99
12	Assembly	30 days	Wed 21/7/99
17	Field mapping	18 days	Wed 22/9/99
20	Ready 2000/1	0 days	Fri 15/10/99
12	**Micromegas & Drift**	**611 days**	**Mon 28/12/98**
1	COMPASS-SACLAY Project Revi	0 days	Thu 4/11/99



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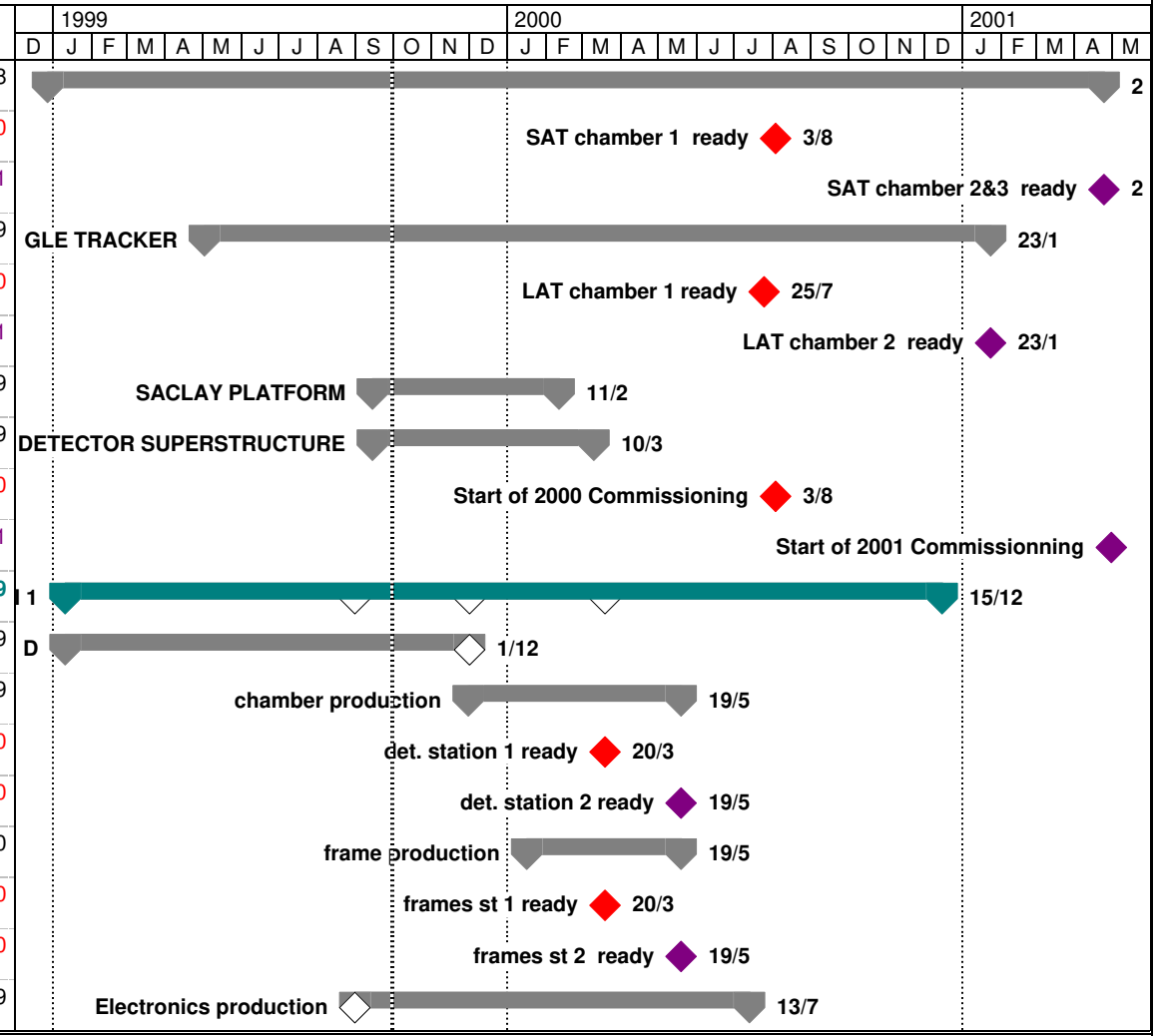
ID	Task Name	Duration	Start
2	MICROMEGAS SMALL ANGLE T	607 days	Mon 28/12/98
148	SAT chamber 1 ready	0 days	Thu 3/8/00
149	SAT chamber 2&3 ready	0 days	Tue 24/4/01
150	DRIFT CHAMBERS LARGE ANG	452 days	Mon 3/5/99
217	LAT chamber 1 ready	0 days	Tue 25/7/00
218	LAT chamber 2 ready	0 days	Tue 23/1/01
219	SACLAY PLATFORM	108 days	Wed 15/9/99
223	DETECTOR SUPERSTRUCTURE	128 days	Wed 15/9/99
227	Start of 2000 Commissioning	0 days	Thu 3/8/00
228	Start of 2001 Commissionning	0 days	Tue 1/5/01
13	**Muon wall 1**	**494 days**	**Mon 11/1/99**
1	R&D	233 days	Mon 11/1/99
9	chamber production	112 days	Wed 1/12/99
13	det. station 1 ready	0 days	Mon 20/3/00
14	det. station 2 ready	0 days	Fri 19/5/00
15	frame production	90 days	Mon 17/1/00
17	frames st 1 ready	0 days	Mon 20/3/00
18	frames st 2 ready	0 days	Fri 19/5/00
19	Electronics production	216 days	Wed 1/9/99



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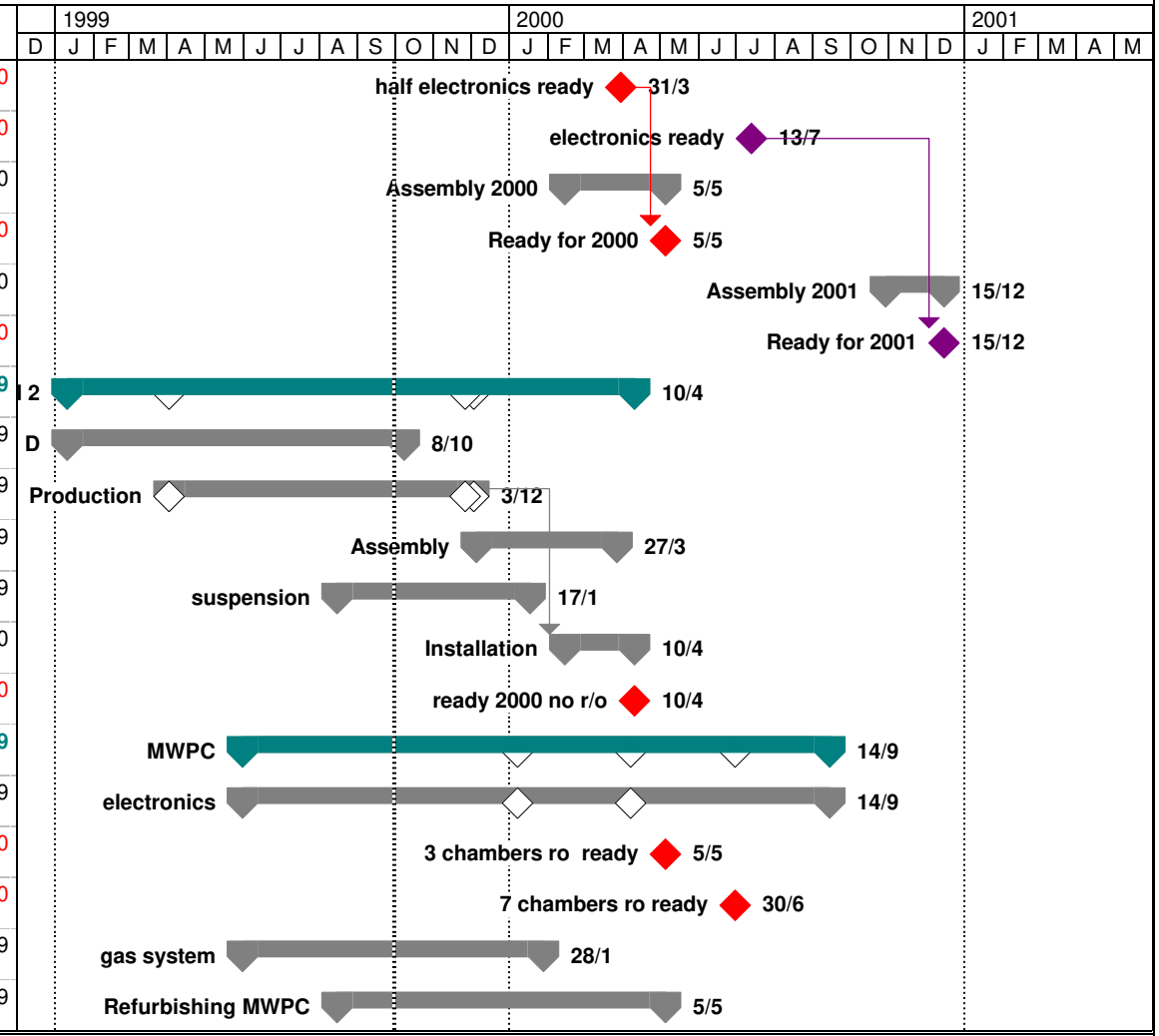
ID	Task Name	Duration	Start
25	half electronics ready	0 days	Fri 31/3/00
26	electronics ready	0 days	Thu 13/7/00
27	Assembly 2000	59 days	Tue 15/2/00
30	Ready for 2000	0 days	Fri 5/5/00
31	Assembly 2001	35 days	Mon 30/10/00
33	Ready for 2001	0 days	Fri 15/12/00
14	**Muon Wall 2**	**315 days**	**Mon 11/1/99**
1	R & D	195 days	Mon 11/1/99
5	Production	175 days	Fri 2/4/99
13	Assembly	70 days	Mon 6/12/99
16	suspension	100 days	Mon 16/8/99
19	Installation	40 days	Tue 15/2/00
22	ready 2000 no r/o	0 days	Mon 10/4/00
15	**MWPC**	**304 days**	**Tue 1/6/99**
1	electronics	304 days	Tue 1/6/99
42	3 chambers ro ready	0 days	Fri 5/5/00
43	7 chambers ro ready	0 days	Fri 30/6/00
44	gas system	154 days	Tue 1/6/99
49	Refurbishing MWPC	175 days	Mon 16/8/99



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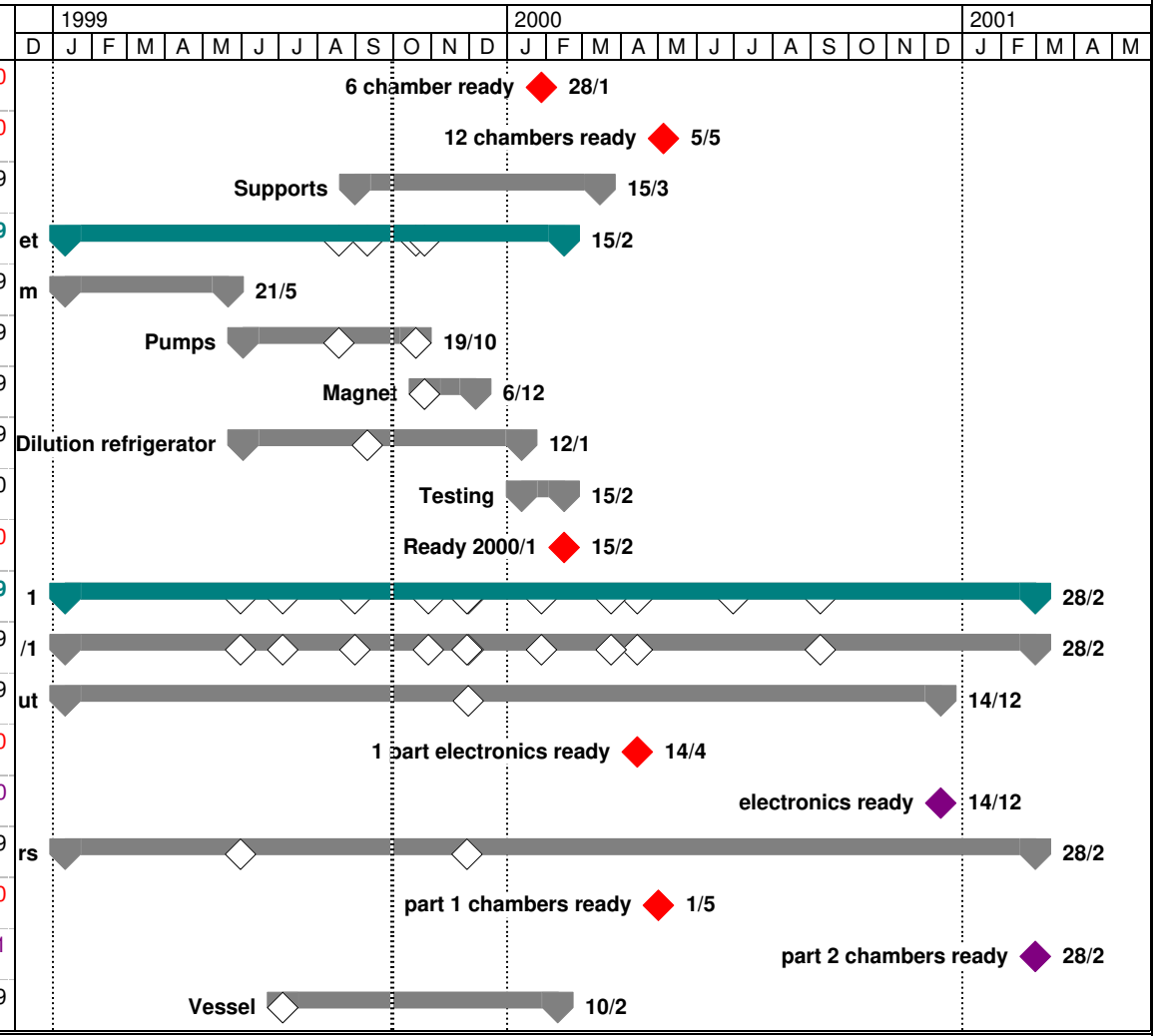
ID	Task Name	Duration	Start
57	6 chamber ready	0 days	Fri 28/1/00
58	12 chambers ready	0 days	Fri 5/5/00
59	Supports	130 days	Wed 1/9/99
16	**Polarised target**	**272 days**	**Mon 11/1/99**
1	Platform	95 days	Mon 11/1/99
3	Pumps	99 days	Thu 3/6/99
10	Magnet	29 days	Wed 27/10/99
14	Dilution refrigerator	145 days	Thu 3/6/99
22	Testing	24 days	Thu 13/1/00
25	Ready 2000/1	0 days	Tue 15/2/00
17	**Rich1**	**528 days**	**Mon 11/1/99**
1	Rich 2000/1	528 days	Mon 11/1/99
2	Readout	489 days	Mon 11/1/99
10	1 part electronics ready	0 days	Fri 14/4/00
11	electronics ready	0 days	Thu 14/12/00
12	Photon detectors	528 days	Mon 11/1/99
20	part 1 chambers ready	0 days	Mon 1/5/00
21	part 2 chambers ready	0 days	Wed 28/2/01
22	Vessel	144 days	Mon 5/7/99



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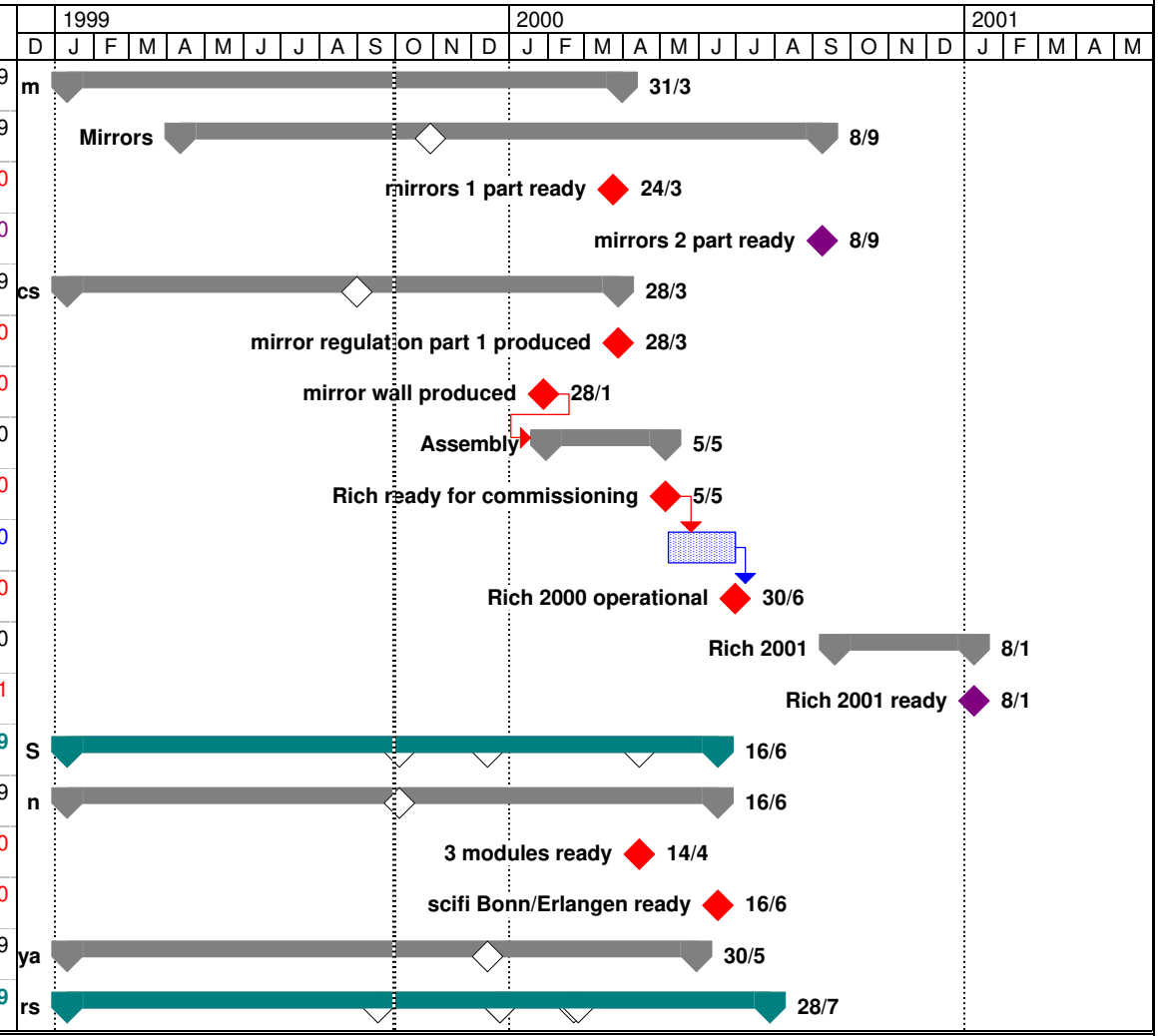
ID	Task Name	Duration	Start
27	Gas system	305 days	Mon 11/1/99
33	Mirrors	355 days	Mon 12/4/99
40	mirrors 1 part ready	0 days	Fri 24/3/00
41	mirrors 2 part ready	0 days	Fri 8/9/00
42	Mirror mechanics	302 days	Mon 11/1/99
49	mirror regulation part 1 produ	0 days	Tue 28/3/00
50	mirror wall produced	0 days	Fri 28/1/00
51	Assembly	70 days	Mon 31/1/00
54	Rich ready for commissioning	0 days	Fri 5/5/00
55	gas purification and comissioning	8 wks	Mon 8/5/00
56	Rich 2000 operational	0 days	Fri 30/6/00
57	Rich 2001	65 days	Mon 18/9/00
64	Rich 2001 ready	0 days	Mon 8/1/01
18	**Scintillating fibre hodoscopes / COM**	**375 days**	**Mon 11/1/99**
1	Bonn / Erlangen	375 days	Mon 11/1/99
9	3 modules ready	0 days	Fri 14/4/00
10	scifi Bonn/Erlangen ready	0 days	Fri 16/6/00
11	Nagoya	362 days	Mon 11/1/99
19	**Silicon detectors**	**405 days**	**Mon 11/1/99**



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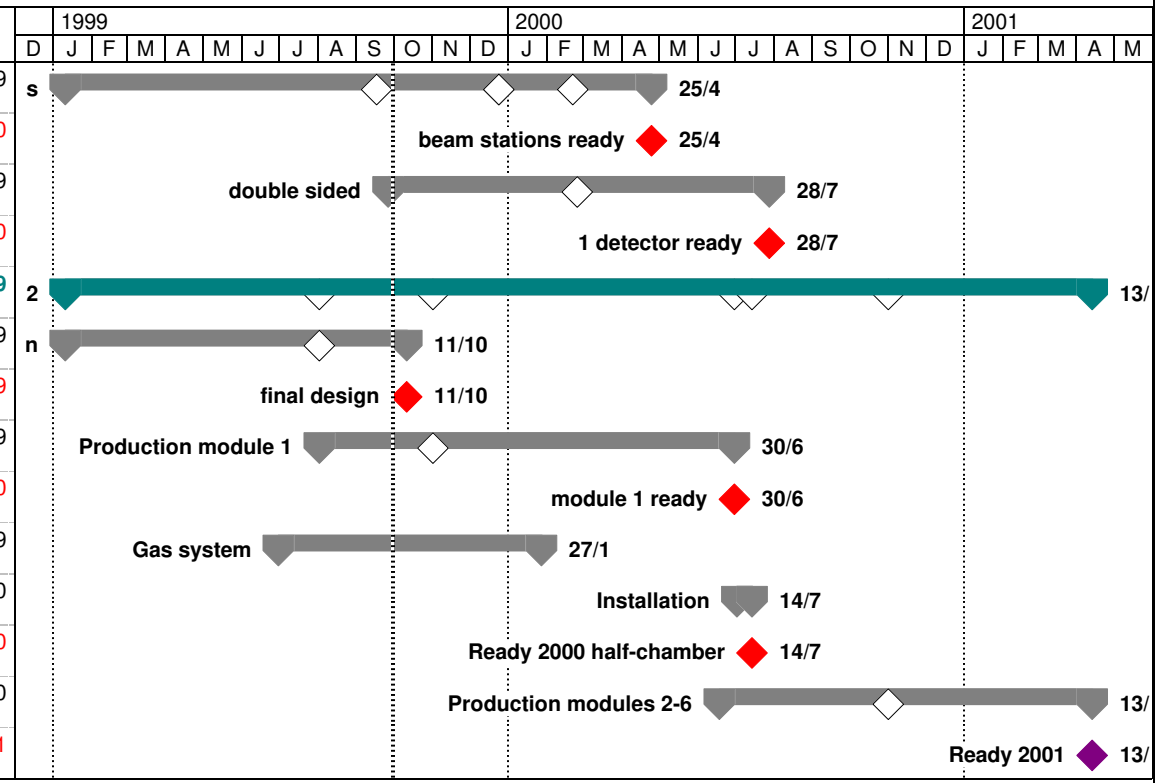
ID	Task Name	Duration	Start
1	beam stations	336.25 days	Mon 11/1/99
17	beam stations ready	0 days	Tue 25/4/00
18	double sided	220 days	Mon 27/9/99
23	1 detector ready	0 days	Fri 28/7/00
20	**Straws TS2**	**579 days**	**Mon 11/1/99**
1	Design	196 days	Mon 11/1/99
5	final design	0 days	Mon 11/10/99
6	Production module 1	228 days	Tue 3/8/99
10	module 1 ready	0 days	Fri 30/6/00
11	Gas system	140 days	Thu 1/7/99
13	Installation	10 days	Mon 3/7/00
15	Ready 2000 half-chamber	0 days	Fri 14/7/00
16	Production modules 2-6	215 days	Mon 19/6/00
25	Ready 2001	0 days	Fri 13/4/01



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