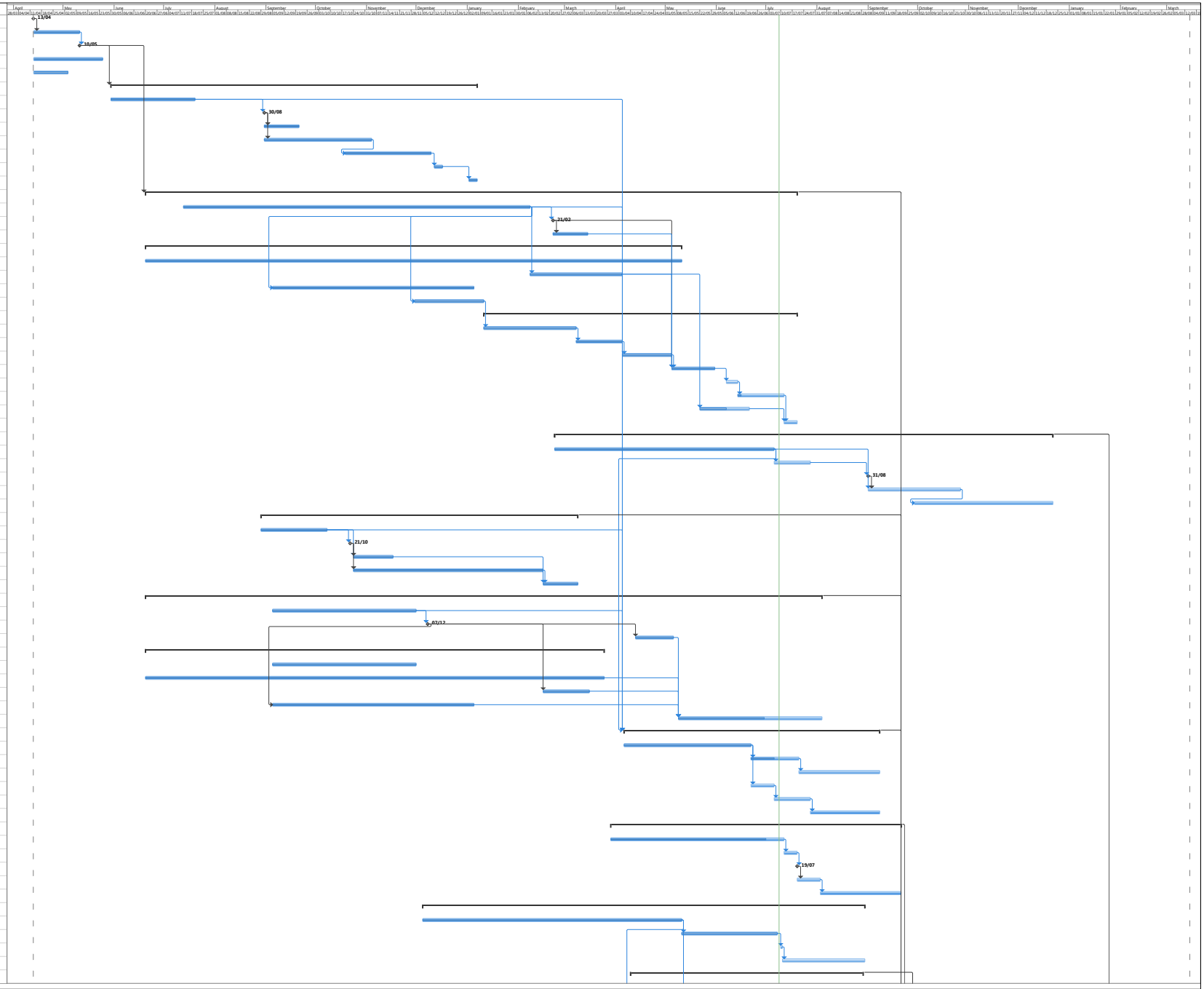
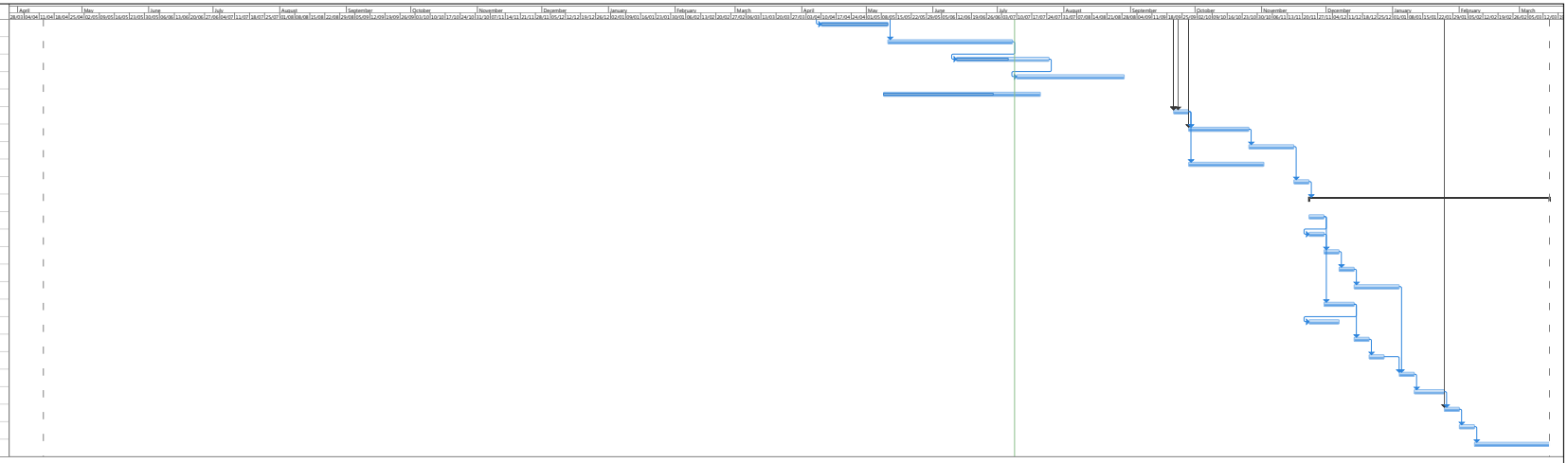
ID		Task Mode	Task Name	Duration	Start	Finish
1			Order reception	0 days	Wed 13/04/16	Wed 13/04/16
2	✓		Kick-Off preparation	4 wks	Wed 13/04/16	Tue 10/05/16
3	✓		Kick-Off Meeting	0 days	Tue 10/05/16	Tue 10/05/16
4	✓		Design clarification by CERN	6 wks	Wed 13/04/16	Tue 24/05/16
5	✓		Design update by ACS	3 wks	Wed 13/04/16	Tue 03/05/16
6	✓		**Double heater WS80**	**130 days**	**Mon 30/05/16**	**Fri 06/01/17**
7	✓		Manufacturing drawings	7 wks	Mon 30/05/16	Tue 19/07/16
8	✓		Uppsala drawings acceptance	15 days	Wed 20/07/16	Tue 30/08/16
9	✓		Manufacturing procedures	3 wks	Wed 31/08/16	Tue 20/09/16
10	✓		Procurement	45 days	Wed 31/08/16	Thu 03/11/16
11	✓		Manufacturing	35 days	Wed 19/10/16	Fri 09/12/16
12	✓		Packing	5 days	Mon 12/12/16	Fri 16/12/16
13	✓		Transportation and delivery	5 days	Mon 02/01/17	Fri 06/01/17
14			**Cryostat Gersemi**	**247 days**	**Mon 20/06/16**	**Wed 19/07/17**
15	✓		Manufacturing drawings	24 wks	Wed 13/07/16	Tue 07/02/17
16	✓		Uppsala drawings acceptance	0 days	Tue 21/02/17	Tue 21/02/17
17	✓		Manufacturing procedures	3 wks	Wed 22/02/17	Tue 14/03/17
18			**Procurement**	**200 days**	**Mon 20/06/16**	**Wed 10/05/17**
19	✓		Vacuum vessel procurement [SOMINEX]	10 mons	Mon 20/06/16	Wed 10/05/17
20	✓		Semi-finished products procurement	2 mons	Wed 08/02/17	Tue 04/04/17
21	✓		Parts procurement	15 wks	Mon 05/09/16	Wed 04/01/17
22	✓		Lambda seat flange procurement	1 mon	Wed 30/11/16	Tue 10/01/17
23			**Manufacturing**	**130 days**	**Wed 11/01/17**	**Wed 19/07/17**
24	✓		Lambda seat flange pre-machining	8 wks	Wed 11/01/17	Tue 07/03/17
25	✓		Lambda seat flange welding	4 wks	Wed 08/03/17	Tue 04/04/17
26	✓		Lambda seat flange final machining	4 wks	Wed 05/04/17	Thu 04/05/17
27	✓		Dewar welding	3 wks	Fri 05/05/17	Tue 30/05/17
28			Dewar welding to top flange	1 wk	Wed 07/06/17	Tue 13/06/17
29			Dewar piping and equipment	4 wks	Wed 14/06/17	Tue 11/07/17
30			Screens manufacturing	4 wks	Mon 22/05/17	Tue 20/06/17
31			Dewar insertion in vacuum vessel	1 wk	Wed 12/07/17	Wed 19/07/17
32			**Magnet insert**	**195 days**	**Thu 23/02/17**	**Thu 21/12/17**
33	✓		Manufacturing drawings	18 wks	Thu 23/02/17	Wed 05/07/17
34			Manufacturing procedures	3 wks	Thu 06/07/17	Thu 27/07/17
35			Uppsala drawings acceptance	0 days	Thu 31/08/17	Thu 31/08/17
36			Procurement	2 mons	Fri 01/09/17	Thu 26/10/17
37			Manufacturing	12 wks	Fri 29/09/17	Thu 21/12/17
38	✓		**Bath insert**	**125 days**	**Mon 29/08/16**	**Wed 08/03/17**
39	✓		Manufacturing drawings	6 wks	Mon 29/08/16	Fri 07/10/16
40	✓		Uppsala drawings acceptance	0 days	Fri 21/10/16	Fri 21/10/16
41	✓		Manufacturing procedures	3 wks	Mon 24/10/16	Wed 16/11/16
42	✓		Procurement	3.5 mons	Mon 24/10/16	Wed 15/02/17
43	✓		Manufacturing	3 wks	Thu 16/02/17	Wed 08/03/17
44			**Valves box GERSEMI**	**258 days**	**Mon 20/06/16**	**Thu 03/08/17**
45	✓		Manufacturing drawings	12 wks	Mon 05/09/16	Wed 30/11/16
46	✓		Valves box design review	0 days	Wed 07/12/16	Wed 07/12/16
47	✓		Manufacturing procedures	3 wks	Thu 13/04/17	Fri 05/05/17
48	✓		**Procurement**	**170 days**	**Mon 20/06/16**	**Fri 24/03/17**
49	✓		HX600 and HX350 procurement	12 wks	Mon 05/09/16	Wed 30/11/16
50	✓		Valves box vacuum vessel procurement [Sominex]	8.5 mons	Mon 20/06/16	Fri 24/03/17
51	✓		Semi-finished products procurement	1 mon	Thu 16/02/17	Wed 15/03/17
52	✓		Parts procurement	15 wks	Mon 05/09/16	Wed 04/01/17
53			Manufacturing	12 wks	Tue 09/05/17	Thu 03/08/17
54			**Transfer lines design&manufacturing**	**90 days**	**Thu 06/04/17**	**Thu 07/09/17**
55	✓		Multiline design	10 wks	Thu 06/04/17	Wed 21/06/17
56			Multiline procurement	4 wks	Thu 22/06/17	Thu 20/07/17
57			Multiline manufacturing	4 wks	Fri 21/07/17	Thu 07/09/17
58			Single lines design	2 wks	Thu 22/06/17	Wed 05/07/17
59			Single lines procurement	3 wks	Thu 06/07/17	Thu 27/07/17
60			Single lines manufacturing	3 wks	Fri 28/07/17	Thu 07/09/17
61			**Simulator box**	**105 days**	**Wed 29/03/17**	**Wed 20/09/17**
62			Simulator box design [ACS CD]	14 wks	Wed 29/03/17	Tue 11/07/17
63			Drawing review by Uppsala	5 days	Wed 12/07/17	Wed 19/07/17
64			Drawings acceptance by Uppsala	0 days	Wed 19/07/17	Wed 19/07/17
65			Procurement	2 wks	Thu 20/07/17	Wed 02/08/17
66			Manufacturing	1 mon	Thu 03/08/17	Wed 20/09/17
67			**Control system design [SII-Tech ACS CD]**	**161 days**	**Mon 05/12/16**	**Tue 29/08/17**
68	✓		Sequences definitions [ACS UU]	5 mons	Mon 05/12/16	Wed 10/05/17
69	✓		Sequences general programming [SII-Tech]	2 mons	Thu 11/05/17	Fri 07/07/17
70			Sequences general programming review [ACS SII-Tech C	1 day	Mon 10/07/17	Mon 10/07/17
71			Sequences final programming [SII-Tech]	1 mon	Tue 11/07/17	Tue 29/08/17
72			**Control system procurement [SII-Tech]**	**80 days**	**Mon 10/04/17**	**Mon 28/08/17**



Project: 2017-07-05 - -Gersemi
Date: Sun 09/07/17

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress

ID		Task Mode	Task Name	Duration	Start	Finish
73	✓		Control cabinet procurement	1 mon	Mon 10/04/17	Wed 10/05/17
74			Routing definition [ACS UU]	2 mons	Thu 11/05/17	Fri 07/07/17
75			Electrical studies	6 wks	Mon 12/06/17	Mon 24/07/17
76			Control cabinet manufacturing [ISII-Tech]	4 wks	Mon 10/07/17	Mon 28/08/17
77			Sensors, internal actuators and feedthrough cabling [AG Electricité]	2.5 mons	Tue 09/05/17	Thu 20/07/17
78			Workshop pre-assembly (Simulator VB)	1 wk	Thu 21/09/17	Wed 27/09/17
79			Workshop pre-cabling and electrical tests (ISII-Tech Technergie CD)	1 mon	Thu 28/09/17	Wed 25/10/17
80			Workshop tests with Simulator [ISII-Tech CD]	3 wks	Thu 26/10/17	Wed 15/11/17
81			Manufacturing file edition	200 hrs	Thu 28/09/17	Wed 01/11/17
82			Packing and delivery	1 wk	Thu 16/11/17	Wed 22/11/17
83			**Assembly and onsite tests**	**80 days**	**Thu 23/11/17**	**Wed 14/03/18**
84			VB installation / LT	1 wk	Thu 23/11/17	Wed 29/11/17
85			Cables installation with connection box	1 wk	Thu 23/11/17	Wed 29/11/17
86			Cables electrical testing	1 wk	Thu 30/11/17	Wed 06/12/17
87			Installation / Connection with Simulator	1 wk	Thu 07/12/17	Wed 13/12/17
88			Cryogenic tests with Simulator	3 wks	Thu 14/12/17	Wed 03/01/18
89			VC installation / LT	2 wks	Thu 30/11/17	Wed 13/12/17
90			Cables installation with connection box	2 wks	Thu 23/11/17	Wed 06/12/17
91			Liquid insert installation	1 wk	Thu 14/12/17	Wed 20/12/17
92			Liquid insert cabling and tests	1 wk	Thu 21/12/17	Wed 27/12/17
93			Connection of the cryogenic line and Simulator removin	1 wk	Thu 04/01/18	Wed 10/01/18
94			Cryogenic tests with liquid insert	2 wks	Thu 11/01/18	Wed 24/01/18
95			Liquid insert removal and Magnet Insert installation	1 wk	Thu 25/01/18	Wed 31/01/18
96			Magnet insert cabling and tests	1 wk	Thu 01/02/18	Wed 07/02/18
97			Cryogenic tests with Magnet Insert	5 wks	Thu 08/02/18	Wed 14/03/18



Project: 2017-07-05 - -Gersemi
Date: Sun 09/07/17

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress