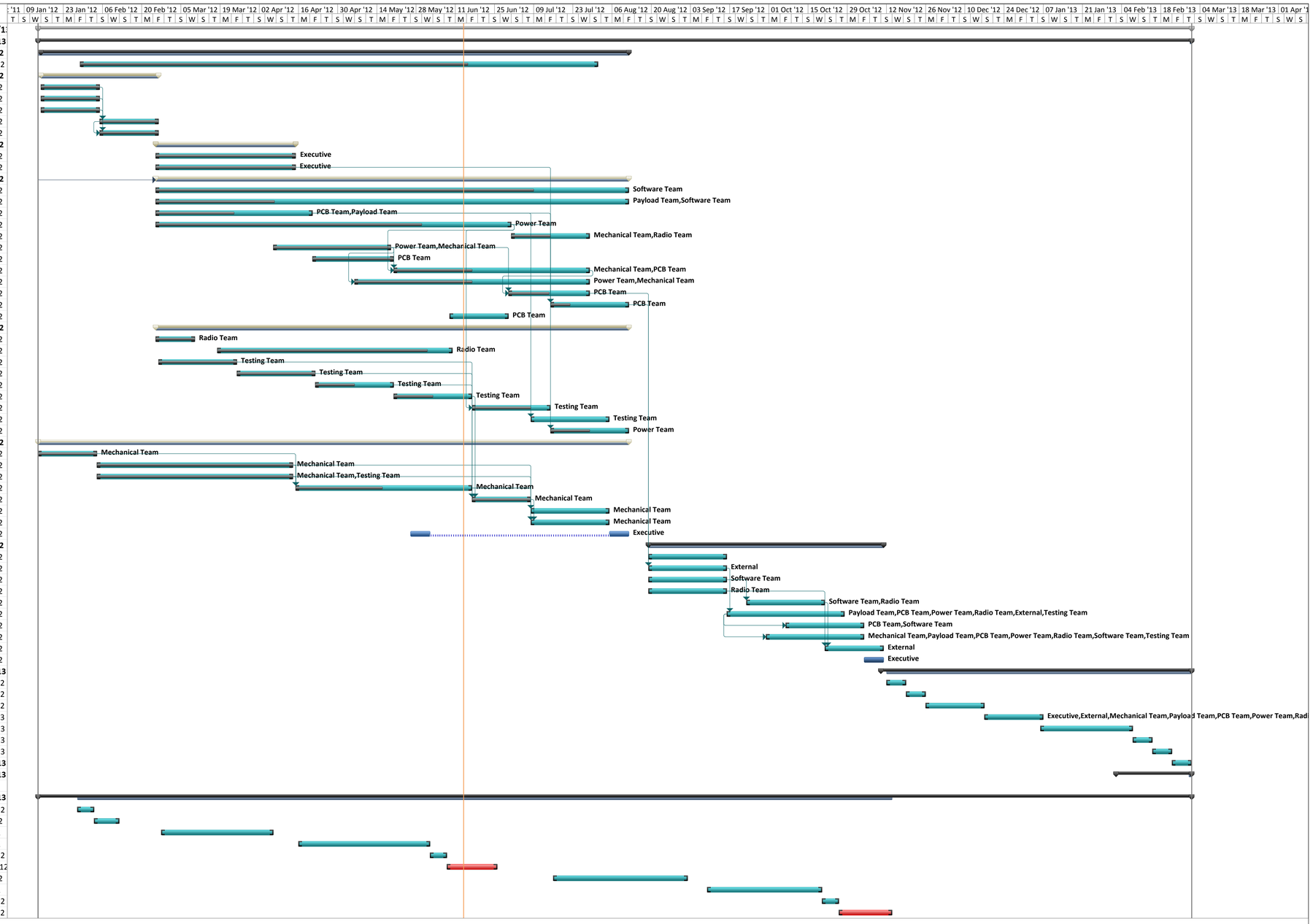
ID	Task Name	Product Point	% Complete	Duration	Start	Finish
0	**BLUEsatProjectPlan**		**50%**	**58.77 wks**	**Sat 14/01/12**	**Thu 28/02/13**
1	**1 Documentation**		**0%**	**58.77 wks**	**Sat 14/01/12**	**Thu 28/02/13**
3	**2 Design, Testing and Analysis**		**67%**	**30 wks**	**Sat 14/01/12**	**Sat 11/08/12**
4	2.1 Amateur Radio Licensing - Preparation and Testing		75%	26.43 wks	Sat 28/01/12	Tue 31/07/12
5	**2.2 Integration Rig (Flatsat)**		**99%**	**6 wks**	**Sat 14/01/12**	**Sat 25/02/12**
6	2.2.1 Driver Development	B4	100%	3 wks	Sat 14/01/12	Sat 04/02/12
7	2.2.2 BCR Prototype creation and testing	B1.1.2	100%	3 wks	Sat 14/01/12	Sat 04/02/12
8	2.2.3 Bus board routing	B	100%	3 wks	Sat 14/01/12	Sat 04/02/12
9	2.2.4 Rig Construction	B	100%	3 wks	Sat 04/02/12	Sat 25/02/12
10	2.2.5 Communications Testing	B3	100%	3 wks	Sat 04/02/12	Sat 25/02/12
11	**2.3 Feasbility Investigation**		**99%**	**7.05 wks**	**Sat 25/02/12**	**Sat 14/04/12**
12	2.3.1 Standalone Camera evaluation	4	100%	7.05 wks	Sat 25/02/12	Sat 14/04/12
13	2.3.2 Namuru Evaluation	5	100%	7.05 wks	Sat 25/02/12	Sat 14/04/12
14	**2.4 Design Finalisation**		**56%**	**24.05 wks**	**Sat 25/02/12**	**Sat 11/08/12**
15	2.4.1 Software Application Level Development	B4	80%	24.05 wks	Sat 25/02/12	Sat 11/08/12
16	2.4.2 Beaglebone L4 software development	3.2	25%	24.05 wks	Sat 25/02/12	Sat 11/08/12
17	2.4.3 Beagle Bone design integration	3.1	50%	8 wks	Sat 25/02/12	Sat 21/04/12
18	2.4.4 Battery Charge design finalisation	B.1.1.2	75%	18.05 wks	Sat 25/02/12	Sat 30/06/12
19	2.4.5 Antennae Foothold, Mounting and Material	B.5.2.4	50%	4 wks	Sat 30/06/12	Sat 28/07/12
20	2.4.6 Solar Panel Routing and Mounting	B.5.2.2	100%	6.05 wks	Fri 06/04/12	Sat 19/05/12
21	2.4.7 Telemetry sensor mounting and distribution	B.5.1.1	100%	4.05 wks	Sat 21/04/12	Sat 19/05/12
22	2.4.8 Tray 2 PCB Layout and Routing	B	40%	10 wks	Sat 19/05/12	Sat 28/07/12
23	2.4.9 Battery Mount Design	B5.1.2	50%	12 wks	Sat 05/05/12	Sat 28/07/12
24	2.4.10 Wiring Harness	B	50%	4.05 wks	Sat 30/06/12	Sat 28/07/12
25	2.4.11 Tray 4 PCB Layout and Routing	B	25%	4 wks	Sat 14/07/12	Sat 11/08/12
26	2.4.12 Power System Redesign	B1.2	0%	3 wks	Sat 09/06/12	Sat 30/06/12
27	**2.5 Testing, Simulation and Evaluation - Electrical**		**71%**	**24.05 wks**	**Sat 25/02/12**	**Sat 11/08/12**
28	2.5.1 Bent Pipe RF testing	2	100%	2 wks	Sat 25/02/12	Sat 10/03/12
29	2.5.2 Telecommand Testing	B4	90%	12 wks	Sat 17/03/12	Sat 09/06/12
30	2.5.3 Regulator and LDO characterisation	B.1.2.1	100%	4 wks	Sat 25/02/12	Sat 24/03/12
31	2.5.4 Communicaitions power characterisation	B.1.2.1	100%	4 wks	Sat 24/03/12	Sat 21/04/12
32	2.5.5 Telemetry testing and power characterisation	B.1.2.1	50%	4 wks	Sat 21/04/12	Sat 19/05/12
33	2.5.6 CSC power characterisation	B.1.2.1	50%	4 wks	Sat 19/05/12	Sat 16/06/12
34	2.5.7 Battery testing and charecterisation	B.1.2.2 an	75%	4 wks	Sat 16/06/12	Sat 14/07/12
35	2.5.8 Beagle Bone power charecterisation	B.1.2.1	0%	4 wks	Sat 07/07/12	Sat 04/08/12
36	2.5.9 Solar BCR integration testing	B.1.1	50%	4 wks	Sat 14/07/12	Sat 11/08/12
37	**2.6 Simulation - Mechanical**		**68%**	**30.05 wks**	**Sat 14/01/12**	**Sat 11/08/12**
38	2.6.1 Structural and Thermal model creation	B5	100%	3 wks	Sat 14/01/12	Sat 04/02/12
39	2.6.2 Structural stress research and Investigation	B5.2	100%	10 wks	Sat 04/02/12	Sat 14/04/12
40	2.6.3 Thermal Environmental research	B5.1	100%	10 wks	Sat 04/02/12	Sat 14/04/12
41	2.6.4 Model Touch up	B5	50%	9 wks	Sat 14/04/12	Sat 16/06/12
42	2.6.5 Component thermal research	B5.1	100%	3 wks	Sat 16/06/12	Sat 07/07/12
43	2.6.6 Final structural simulation	B5.2	0%	4 wks	Sat 07/07/12	Sat 04/08/12
44	2.6.7 Final thermal simulation	B5.1	0%	4 wks	Sat 07/07/12	Sat 04/08/12
45	2.6.8 Critical Design Review		0%	1.91 wks	Sat 26/05/12	Sat 11/08/12
46	**3 Production and Final Functional Testing**		**0%**	**12 wks**	**Sat 18/08/12**	**Sat 10/11/12**
47	3.1 Sourcing and Ordering of Components		0%	4 wks	Sat 18/08/12	Sat 15/09/12
48	3.2 PCB Manufacture		0%	4 wks	Sat 18/08/12	Sat 15/09/12
49	3.3 Critical Systems Software Testing		0%	4 wks	Sat 18/08/12	Sat 15/09/12
50	3.4 Communications Testing (Hardware Level)		0%	4 wks	Sat 18/08/12	Sat 15/09/12
51	3.5 Communications Testing (Software Level)		0%	4 wks	Sat 22/09/12	Sat 20/10/12
52	3.6 PCB Population		0%	6 wks	Sat 15/09/12	Sat 27/10/12
53	3.7 Telemetry testing and calibration		0%	4 wks	Sat 06/10/12	Sat 03/11/12
54	3.8 Satellite Assembly		0%	5 wks	Sat 29/09/12	Sat 03/11/12
55	3.9 Generation of Final Function Test Specifications		0%	3 wks	Sat 20/10/12	Sat 10/11/12
56	3.10 Test Readiness Review		0%	1 wk	Sat 03/11/12	Sat 10/11/12
57	**4 Qualification testing**		**0%**	**15.77 wks**	**Sat 10/11/12**	**Thu 28/02/13**
58	4.1 Initial Functional Test		0%	1 wk	Sun 11/11/12	Sun 18/11/12
59	4.2 Thermal Cycling Test		0%	1 wk	Sun 18/11/12	Sun 25/11/12
60	4.3 Thermal Vacuum Testing Pt 1		0%	3 wks	Sun 25/11/12	Sun 16/12/12
61	4.4 Christmas		0%	3 wks	Sun 16/12/12	Sun 06/01/13
62	4.5 Thermal Vacuum Testing Pt 2		0%	4.63 wks	Sun 06/01/13	Thu 07/02/13
63	4.6 Mechanical Testing		0%	1 wk	Thu 07/02/13	Thu 14/02/13
64	4.7 EMC and ESD testing		0%	1 wk	Thu 14/02/13	Thu 21/02/13
65	4.8 Final Functional Test		0%	1 wk	Thu 21/02/13	**Thu 28/02/13**
66	**5 Delivery and Launch**		**0%**	**3.77 wks**	**Sat 02/02/13**	**Thu 28/02/13**
68						
69	**6 Uni Timetable**		**0%**	**58.77 wks**	**Sat 14/01/12**	**Thu 28/02/13**
70	6.1 Summer Semester Stuvac		0%	0.77 wks	Sat 28/01/12	Thu 02/02/12
71	6.2 Summer Semester Exams		0%	1.2 wks	Fri 03/02/12	Sat 11/02/12
72	6.3 Semester 1 First Half		0%	5.63 wks	Mon 27/02/12	Fri 06/04/12
73	6.4 Semester 1 Second Half		0%	6.63 wks	Mon 16/04/12	Fri 01/06/12
74	6.5 Semester 1 Stuvac		0%	0.77 wks	Sat 02/06/12	Thu 07/06/12
75	6.6 Semester 1 Exams		0%	2.48 wks	Fri 08/06/12	Mon 25/06/12
76	6.7 Semester 2 First Half		0%	6.77 wks	Mon 16/07/12	Sat 01/09/12
77	6.8 Semester 2 Second Half		0%	5.77 wks	Sun 09/09/12	Fri 19/10/12
78	6.9 Semester 2 Stuvac		0%	0.77 wks	Sat 20/10/12	Thu 25/10/12
79	6.10 Semester 2 Exams		0%	2.63 wks	Fri 26/10/12	Tue 13/11/12



Project: BLUEsatProjectPlan.mpp
Date: Thu 14/06/12

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