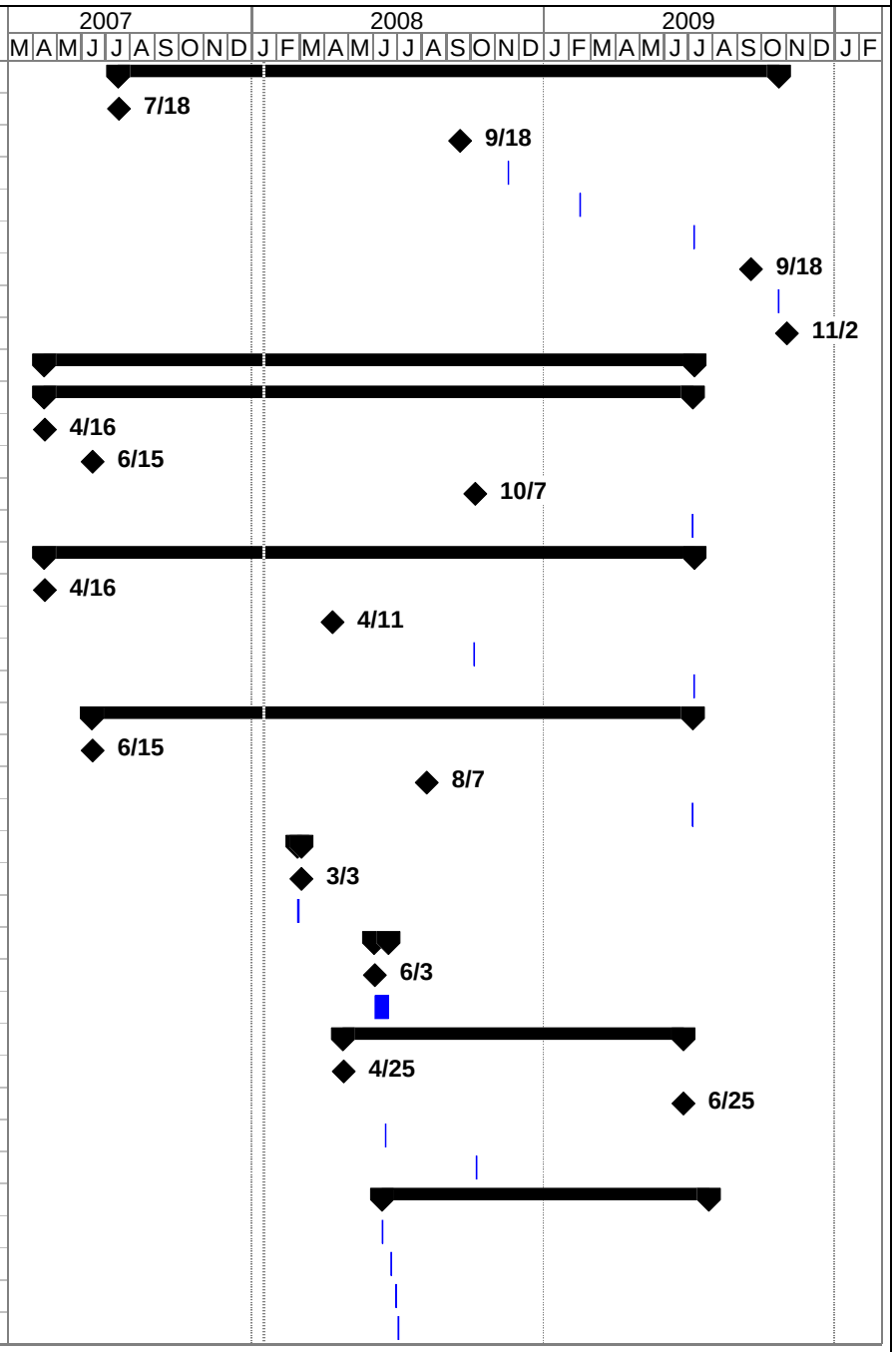
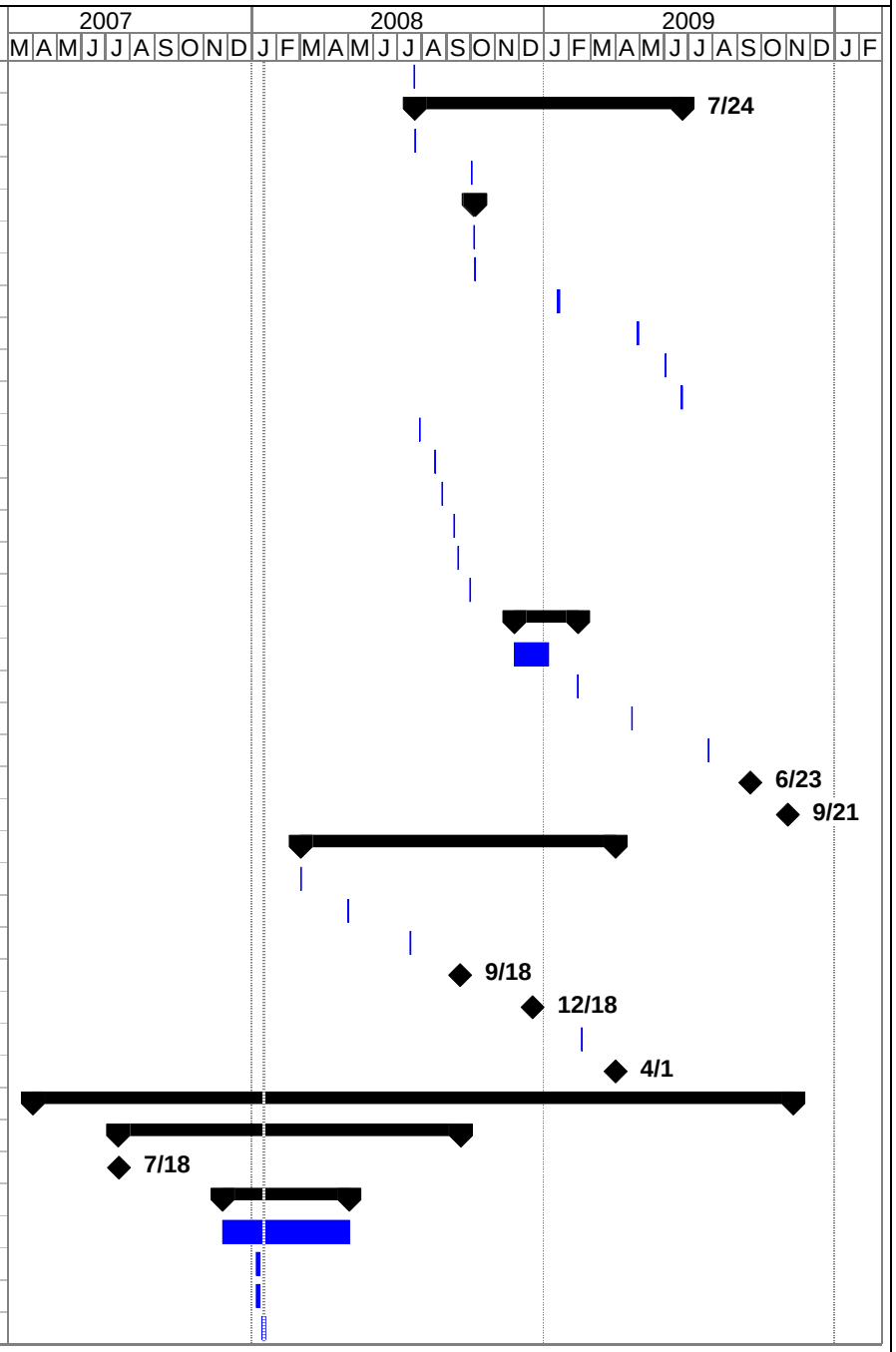
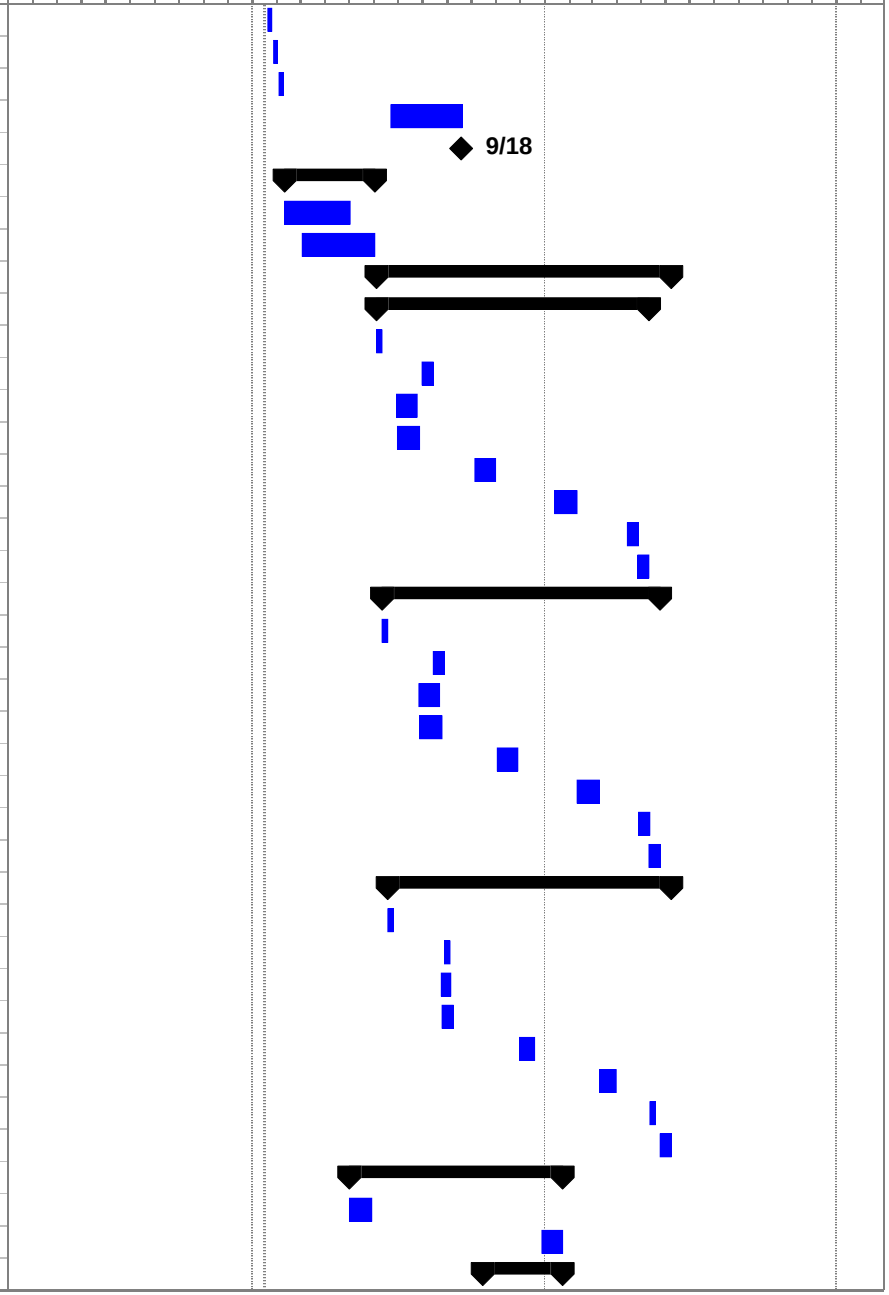
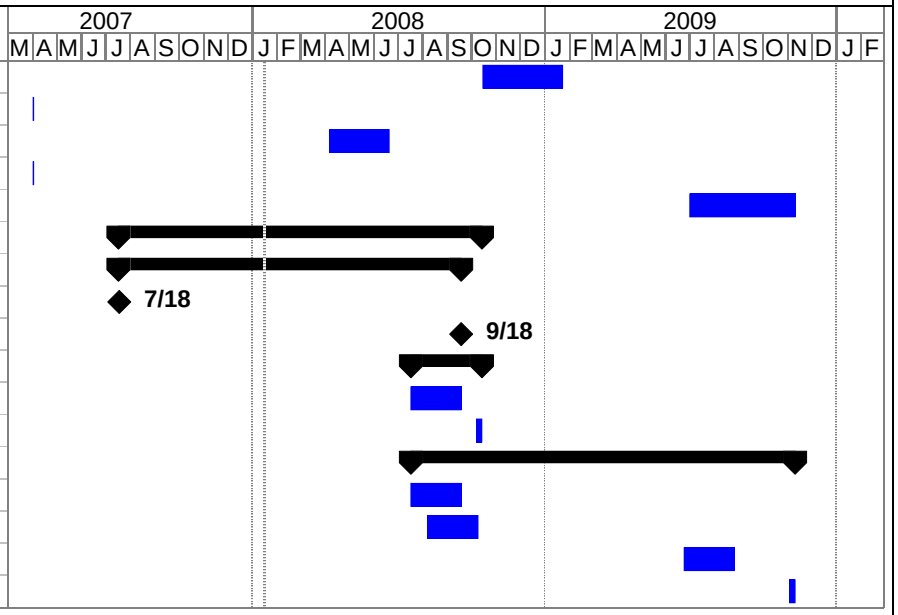
ID	Task Name	Start	Finish
1	**Reviews**	**7/18/07**	**10/23/09**
2	MOS CDR	7/18/07	7/18/07
3	MOS TRR	9/18/08	9/18/08
4	SIR	11/18/08	11/18/08
5	PIRR	2/16/09	2/16/09
6	PSR	7/9/09	7/9/09
7	ORR	9/18/09	9/18/09
8	LRR	10/23/09	10/23/09
9	Launch	11/2/09	11/2/09
10	**Ball Deliverables**	**4/16/07**	**7/9/09**
11	**Flight System Operations Manual**	**4/16/07**	**7/7/09**
12	Flight System Operations Manual - Draft	4/16/07	4/16/07
13	Flight System Operations Manual - Preliminary	6/15/07	6/15/07
14	Flight System Operations Manual - Final	10/7/08	10/7/08
15	Flight System Operations Manual - PSR Update	7/7/09	7/7/09
16	**C&T Database**	**4/16/07**	**7/9/09**
17	C&T Database - Preliminary	4/16/07	4/16/07
18	C&T Database - Final	4/11/08	4/11/08
19	C&T Database - PER Update	10/6/08	10/6/08
20	C&T Database - Final Update	7/9/09	7/9/09
21	**Flight Rules**	**6/15/07**	**7/7/09**
22	Preliminary Flight Rules	6/15/07	6/15/07
23	Final Flight Rules	8/7/08	8/7/08
24	Flight Rules - PSR Update	7/7/09	7/7/09
25	**Development Bench**	**2/28/08**	**3/3/08**
26	Development Bench Available	3/3/08	3/3/08
27	Development Bench Training	2/28/08	2/29/08
28	**Test Bench**	**6/3/08**	**6/20/08**
29	Testbench Available	6/3/08	6/3/08
30	Testbench Training	6/4/08	6/20/08
31	**Operations Team Training**	**4/25/08**	**6/25/09**
32	Preliminary Ops Team Training	4/25/08	4/25/08
33	Final Ops Team Training	6/25/09	6/25/09
34	Launch & Initialization Sequence	6/17/08	6/17/08
35	FG ICD - PER Update	10/9/08	10/9/08
36	**Spacecraft Bus Integration**	**6/13/08**	**7/27/09**
37	EPDS & CDH Integration	6/13/08	6/13/08
38	EM Instrument Electronics Integration	6/24/08	6/24/08
39	S-band Integration	6/30/08	6/30/08
40	Ku-band Integration	7/3/08	7/3/08



ID	Task Name	Start	Finish
41	ADCS Integration	7/23/08	7/23/08
42	**Mission Scenario Tests**	**7/24/08**	**6/24/09**
43	MST 1 - Connectivity	7/24/08	7/24/08
44	MST 2 - End-to-End	10/3/08	10/3/08
45	**MST 3**	**10/6/08**	**10/7/08**
46	Anomalous Launch	10/6/08	10/6/08
47	Sun/Earth Avoidance	10/7/08	10/7/08
48	MST 4 - Survey Ops to EM and Recovery	1/19/09	1/21/09
49	MST 5 - P/L IOC with Cover Release	4/29/09	4/30/09
50	MST 6 - Contingency	6/3/09	6/3/09
51	MST 7 - Contingency	6/23/09	6/24/09
52	Thermal Integration	7/30/08	7/30/08
53	Bus Performance Tests	8/18/08	8/18/08
54	SA Integration	8/27/08	8/27/08
55	Flight Instrument Electronics Integration	9/11/08	9/11/08
56	TDS Integration	9/16/08	9/16/08
57	RF Compatibility Test	10/1/08	10/1/08
58	**Bus Environmental Test**	**11/26/08**	**2/13/09**
59	TVAC	11/26/08	1/7/09
60	Complete	2/13/09	2/13/09
61	Flight Instrument Intregration	4/22/09	4/22/09
62	S/C Ship	7/27/09	7/27/09
63	ORTs	6/23/09	9/17/09
64	Rehearsals	9/21/09	11/3/09
65	**GDS Releases**	**3/3/08**	**4/1/09**
66	PGEN R1	3/3/08	3/3/08
67	SEQ R1	5/1/08	5/1/08
68	PGEN R2	7/18/08	7/18/08
69	GDS R1 ATLO	9/18/08	9/18/08
70	GDS R2	12/18/08	12/18/08
71	SEQ R2	2/18/09	2/18/09
72	GDS R3 FULL	4/1/09	4/1/09
73	**Sequence Working Group**	**4/2/07**	**11/10/09**
74	**Sequence Activity Blocks**	**7/18/07**	**9/19/08**
75	Preliminary Block Dictionary	7/18/07	7/18/07
76	**Block Implementation**	**11/26/07**	**5/2/08**
77	Misc Blocks	11/26/07	5/2/08
78	S-band Pass	1/7/08	1/11/08
79	Momentum Unload, Calibration	1/7/08	1/11/08
80	Ku-band Pass	1/14/08	1/18/08



ID	Task Name	Start	Finish
81	Pointing Target	1/21/08	1/25/08
82	State Vector Update	1/28/08	2/1/08
83	Anneal	2/4/08	2/8/08
84	Block Test	6/23/08	9/19/08
85	Final Block Dictionary	9/18/08	9/18/08
86	**Sample Science Sequences**	**2/11/08**	**6/2/08**
87	Science Sequence Implementation	2/11/08	5/2/08
88	Science Sequence Test	3/4/08	6/2/08
89	**MST Sequences**	**6/5/08**	**6/8/09**
90	**MST Test Plan**	**6/5/08**	**5/11/09**
91	Connectivity MST Plan	6/5/08	6/11/08
92	End-to-End MST Plan	8/1/08	8/14/08
93	Anomalous Launch MST Plan	6/30/08	7/25/08
94	Sun-Earth Avoidance MST Plan	7/1/08	7/28/08
95	Survey Ops to EM MST Plan	10/6/08	10/31/08
96	P/L IOC with Cover Release MST Plan	1/14/09	2/10/09
97	MST 6 Plan	4/15/09	4/28/09
98	MST 7 Plan	4/28/09	5/11/09
99	**MST Sequence Implementation**	**6/12/08**	**5/25/09**
100	Connectivity MST Seq	6/12/08	6/18/08
101	End-to-End MST Seq	8/15/08	8/28/08
102	Anomalous Launch MST Seq	7/28/08	8/22/08
103	Sun-Earth Avoidance MST Seq	7/29/08	8/25/08
104	Survey Ops to EM MST Seq	11/3/08	11/28/08
105	P/L IOC with Cover Release MST Seq	2/11/09	3/10/09
106	MST 6 Seq	4/29/09	5/12/09
107	MST 7 Seq	5/12/09	5/25/09
108	**MST Sequence Test**	**6/19/08**	**6/8/09**
109	Connectivity MST Seq Test	6/19/08	6/25/08
110	End-to-End MST Seq Test	8/29/08	9/4/08
111	Anomalous Launch MST Seq Test	8/25/08	9/5/08
112	Sun-Earth Avoidance MST Seq Test	8/26/08	9/8/08
113	Survey Ops to EM MST Seq Test	12/1/08	12/19/08
114	P/L IOC with Cover Release MST Seq Test	3/11/09	3/31/09
115	MST 6 Seq Test	5/13/09	5/19/09
116	MST 7 Seq Test	5/26/09	6/8/09
117	**IOC Sequence Implementation**	**5/2/08**	**1/23/09**
118	S/C IOC	5/2/08	5/29/08
119	P/L IOC	12/29/08	1/23/09
120	**IOC Sequence Test**	**10/16/08**	**1/23/09**



ID	Task Name	Start	Finish
121	S/C and P/L IOC Test	10/16/08	1/23/09
122	Contingency Sequence Implementation	4/2/07	4/2/07
123	Contingency and Recovery Sequence Implementation	4/7/08	6/20/08
124	Contingency Sequence Test	4/2/07	4/2/07
125	Contingency and Recovery Sequence Test	7/2/09	11/10/09
126	**Documentation**	**7/18/07**	**10/14/08**
127	**Team Plans**	**7/18/07**	**9/18/08**
128	Prelim Contingency Plan	7/18/07	7/18/07
129	Final Contingency Plan	9/18/08	9/18/08
130	**Team Procedures**	**7/18/08**	**10/14/08**
131	Final Procedures	7/18/08	9/18/08
132	Update - Final SOM from Ball	10/8/08	10/14/08
133	**Flight Rule Implementation**	**7/18/08**	**11/10/09**
134	Preliminary	7/18/08	9/18/08
135	Final Flight Rules from Ball	8/8/08	10/9/08
136	Update - MSTs	6/25/09	8/26/09
137	Update - ORTs and Rehearsals	11/4/09	11/10/09