

SODAP Sequence	SODAP Activity	SCOMP Activity	start orbit	ANX (UTC)	stop orbit	ANX (UTC)	Duration (day)	Duration (h)	Duration (min)	% done
1	First Orbit		1	01-Mrz-2002 02:53	1	01-Mrz-2002 02:53	0.07	1.68	100.60	
2	Break		2	01-Mrz-2002 04:34	58	05-Mrz-2002 02:30	3.98	95.57	5734.13	
3	First SODAP Orbit		59	05-Mrz-2002 04:11	59	05-Mrz-2002 04:11	0.07	1.68	100.60	
4	Break		60	05-Mrz-2002 05:52	146	11-Mrz-2002 06:09	6.08	145.87	8752.10	2.0%
5	SCIA Switch on Part 1		147	11-Mrz-2002 07:50	147	11-Mrz-2002 07:50	0.07	1.68	100.60	2.0%
6	SCIA Switch on Part 2		148	11-Mrz-2002 09:31	149	11-Mrz-2002 11:11	0.14	3.35	201.20	2.1%
7	Break		150	11-Mrz-2002 12:52	154	11-Mrz-2002 19:35	0.35	8.38	502.99	2.2%
8	SCIA Switch on Part 3		155	11-Mrz-2002 21:15	155	11-Mrz-2002 21:15	0.07	1.68	100.60	2.2%
9	Break		156	11-Mrz-2002 22:56	164	12-Mrz-2002 12:21	0.63	15.09	905.39	2.4%
10	ICU RAM Dump		165	12-Mrz-2002 14:02	165	12-Mrz-2002 14:02	0.07	1.68	100.60	2.4%
11	Break		166	12-Mrz-2002 15:43	195	14-Mrz-2002 16:22	2.10	50.30	3017.96	3.1%
12	SFT Part 1		196	14-Mrz-2002 18:03	196	14-Mrz-2002 18:03	0.07	1.68	100.60	3.1%
13	SFT Part 2		197	14-Mrz-2002 19:44	197	14-Mrz-2002 19:44	0.07	1.68	100.60	3.2%
14	Break		198	14-Mrz-2002 21:24	206	15-Mrz-2002 10:50	0.63	15.09	905.39	3.4%
15	APSM Check (Ia)		207	15-Mrz-2002 12:30	207	15-Mrz-2002 12:30				3.4%
16	APSM Check (Ib)		207	15-Mrz-2002 12:30	207	15-Mrz-2002 12:30	0.07	1.68	100.60	3.4%
17	APSM Check (IIa)		208	15-Mrz-2002 14:11	208	15-Mrz-2002 14:11				3.4%
18	APSM Check (IIb)		208	15-Mrz-2002 14:11	208	15-Mrz-2002 14:11	0.07	1.68	100.60	3.4%
19	APSM Check (IIIa)		209	15-Mrz-2002 15:52	209	15-Mrz-2002 15:52				3.4%
20	APSM Check (IIIb)		209	15-Mrz-2002 15:52	209	15-Mrz-2002 15:52	0.07	1.68	100.60	3.4%
21	APSM Check (IVa)		210	15-Mrz-2002 17:32	210	15-Mrz-2002 17:32				3.5%
22	APSM Check (IVb)		210	15-Mrz-2002 17:32	210	15-Mrz-2002 17:32	0.07	1.68	100.60	3.5%
23	APSM Check (Ia) rerun		211	15-Mrz-2002 19:13	211	15-Mrz-2002 19:13				3.5%
24	APSM Check (Ib) rerun		211	15-Mrz-2002 19:13	211	15-Mrz-2002 19:13	0.07	1.68	100.60	3.5%
25	Break		212	15-Mrz-2002 20:54	232	17-Mrz-2002 06:27	1.47	35.21	2112.57	4.0%
26	SP RAM Dump		233	17-Mrz-2002 08:08	233	17-Mrz-2002 08:08	0.07	1.68	100.60	4.0%
27	Break		234	17-Mrz-2002 09:48	237	17-Mrz-2002 14:50	0.28	6.71	402.40	4.1%
28	Full Functional Test	Functional Test	238	17-Mrz-2002 16:31	238	17-Mrz-2002 16:31	0.07	1.68	100.60	4.1%
29	SPL_TST	SPL_TST	239	17-Mrz-2002 18:12	239	17-Mrz-2002 18:12	0.07	1.68	100.60	4.1%
30	Monitoring 1_1	Monitoring 1_1	240	17-Mrz-2002 19:52	240	17-Mrz-2002 19:52	0.07	1.68	100.60	4.1%
31	Thermal Transition 2 to 3		241	17-Mrz-2002 21:33	251	18-Mrz-2002 14:20	0.77	18.44	1106.59	4.4%
32	Monitoring 2_1	Monitoring 2_1	252	18-Mrz-2002 16:00	252	18-Mrz-2002 16:00	0.07	1.68	100.60	4.4%
33	Decontam 1: warm up		253	18-Mrz-2002 17:41	266	19-Mrz-2002 15:30	0.98	23.47	1408.38	4.7%
34	Decontam 1: 3 Days		267	19-Mrz-2002 17:10	309	22-Mrz-2002 15:39	3.00	72.10	4325.75	5.7%
35	Decontam 1: Cool down		310	22-Mrz-2002 17:19	327	23-Mrz-2002 21:51	1.26	30.18	1810.78	6.1%
36	Break		328	23-Mrz-2002 23:31	333	24-Mrz-2002 07:55	0.42	10.06	603.59	6.2%
37	Monitoring 2_2	Monitoring 2_2	334	24-Mrz-2002 09:35	334	24-Mrz-2002 09:35	0.07	1.68	100.60	6.3%
38	TV Window 0		335	24-Mrz-2002 11:16	349	25-Mrz-2002 10:45	1.05	25.15	1508.98	6.6%
39	Break		350	25-Mrz-2002 12:26	351	25-Mrz-2002 14:07	0.14	3.35	201.20	6.6%
40	Monitoring 3a_1	Monitoring 3a_1	352	25-Mrz-2002 15:47	361	26-Mrz-2002 06:53	0.70	16.77	1005.99	6.9%
41	Measurement Window 1	Measurement Window 1	362	26-Mrz-2002 08:34	408	29-Mrz-2002 13:45	3.28	78.80	4728.14	7.9%
42	Monitoring 3a_2	Monitoring 3a_2	409	29-Mrz-2002 15:26	422	30-Mrz-2002 13:14	0.98	23.47	1408.38	8.2%
43	TV Window 1		423	30-Mrz-2002 14:55	476	03-Apr-2002 07:50	3.77	90.54	5432.34	9.5%
44	AZACM Cover Release		477	03-Apr-2002 09:31	477	03-Apr-2002 09:31	0.07	1.68	100.60	9.5%
45	TV Window 2		478	03-Apr-2002 11:12	495	04-Apr-2002 15:42	1.26	30.18	1810.78	9.9%
46	Monitoring 3b_1	Monitoring 3b_1	496	04-Apr-2002 17:23	505	05-Apr-2002 08:28	0.70	1.68	100.60	10.1%
47	Measurement Window 2	Measurement Window 2	506	05-Apr-2002 10:09	553	08-Apr-2002 16:57	3.35	80.48	4828.74	11.2%
48	Monitoring 3b_2	Monitoring 3b_2	554	08-Apr-2002 18:38	554	08-Apr-2002 18:38	0.07	1.68	100.60	11.2%
49	APSM Check (Ib) rerun 2		555	08-Apr-2002 20:18	555	08-Apr-2002 20:18	0.07	1.68	100.60	11.2%
50	APSM Check (IIb) rerun		556	08-Apr-2002 21:59	556	08-Apr-2002 21:59	0.07	1.68	100.60	11.3%
51	APSM Check (IIIb) rerun		557	08-Apr-2002 23:40	557	08-Apr-2002 23:40	0.07	1.68	100.60	11.3%
52	APSM Check (IVb) rerun		558	09-Apr-2002 01:20	558	09-Apr-2002 01:20	0.07	1.68	100.60	11.3%
53	Thermal Transition 4b to 5a		555	08-Apr-2002 20:18	568	09-Apr-2002 18:06	0.98	23.47	1408.38	11.5%
54	Monitoring 4a_1	Monitoring 4a_1	569	09-Apr-2002 19:47	569	09-Apr-2002 19:47	0.07	1.68	100.60	11.6%
55	Decontam 2: warm up		570	09-Apr-2002 21:27	583	10-Apr-2002 19:15	0.98	23.47	1408.38	11.9%
56	Decontam 2: 3 Days		584	10-Apr-2002 20:56	626	13-Apr-2002 19:21	3.00	72.10	4325.75	12.8%
57	Decontam 2: Cool down		627	13-Apr-2002 21:01	627	13-Apr-2002 21:01	0.07	1.68	100.60	12.9%
58	Safing Standby/Refuse 2002_04_13		627	13-Apr-2002 21:01	633	14-Apr-2002 07:05	0.49	11.74	704.19	13.0%
59	Recovery 2002_04_14		634	14-Apr-2002 08:46	634	14-Apr-2002 08:46	0.07	1.68	100.60	13.0%
60	Special Monitoring 1	Special Monitoring 1	634	14-Apr-2002 08:46	636	14-Apr-2002 12:07	0.21	5.03	301.80	13.1%
61	TV Window SM 1		637	14-Apr-2002 13:47	652	15-Apr-2002 14:56	1.12	26.83	1609.58	13.4%
62	SRC release + start of decontamination		653	15-Apr-2002 16:37	653	15-Apr-2002 16:37	0.07	1.68	100.60	13.5%
63	Decontam 3: warm up		654	15-Apr-2002 18:18	660	16-Apr-2002 04:21	0.49	11.74	704.19	13.6%
64	Decontam 3: 2 Days		661	16-Apr-2002 06:02	689	18-Apr-2002 04:59	2.03	48.62	2917.37	14.3%
65	Decontam 3: Cool down		690	18-Apr-2002 06:39	690	18-Apr-2002 06:39	0.07	1.68	100.60	14.3%
66	Special Monitoring 2	Special Monitoring 2	691	18-Apr-2002 08:20	751	22-Apr-2002 12:56	4.26	102.28	6136.53	15.7%
67	Thermal Transition 5b to 5c		737	21-Apr-2002 13:27	751	22-Apr-2002 12:56	1.05	25.15	1508.98	15.7%
68	Monitoring 4b_1	Monitoring 4b_1	752	22-Apr-2002 14:36	752	22-Apr-2002 14:36	0.07	1.68	100.60	15.7%
69	Lunar Measurement 1	Lunar Measurement 1	753	22-Apr-2002 16:17	834	28-Apr-2002 08:05	5.73	137.49	8249.10	17.5%
70	Thermal Variation	Thermal Variation	835	28-Apr-2002 09:46	905	03-Mai-2002 07:08	4.96	119.04	7142.51	19.1%
71	Safing Heater Refuse 2002_04_28		842	28-Apr-2002 21:30	866	30-Apr-2002 13:45	1.75	41.92	2514.97	18.3%
72	Recovery Heater Refuse 2002_04_30		867	30-Apr-2002 15:25	867	30-Apr-2002 15:25	0.07	1.68	100.60	18.3%
73	Safing Standby Refuse 2002_04_28		867	30-Apr-2002 15:25	868	30-Apr-2002 17:06	0.14	3.35	201.20	18.3%
74	Recovery Standby Refuse 2002_04_30		868	30-Apr-2002 17:06	868	30-Apr-2002 17:06	0.07	1.68	100.60	18.3%
75	Monitoring 4b_2	Monitoring 4b_2	906	03-Mai-2002 08:49	906	03-Mai-2002 08:49	0.07	1.68	100.60	19.2%
76	Thermal Transition 6 to 7		907	03-Mai-2002 10:29	930	05-Mai-2002 01:03	1.68	40.24	2414.37	19.7%
77	Monitoring 5_1	Monitoring 5_1	931	05-Mai-2002 02:44	931	05-Mai-2002 02:44	0.07	1.68	100.60	19.7%
78	Measurement Window 3	Measurement Window 3	932	05-Mai-2002 04:24	1023	11-Mai-2002 12:59	6.43	154.25	9255.09	21.8%
79	APSM Check 1a		1018	11-Mai-2002 04:36	1018	11-Mai-2002 04:36	0.07	1.68	100.60	21.7%
80	APSM Check 1b		1021	11-Mai-2002 09:37	1021	11-Mai-2002 09:37	0.07	1.68	100.60	21.8%
81	APSM Check 2a		1022	11-Mai-2002 11:18	1022	11-Mai-2002 11:18	0.07	1.68	100.60	21.8%
82	PL_SOL Safing to Off-Safe 2002_05_11		1022	11-Mai-2002 11:18	1066	14-Mai-2002 13:04	3.14	75.45	4526.95	22.8%
83	Recovery 2002_05_14		1067	14-Mai-2002 14:45	1112	17-Mai-2002 18:12	3.21	77.13	4627.54	23.8%
84	PMC action 3 to R/W-Wait 2002_05_17		1113	17-Mai-2002 19:53	1180	22-Mai-2002 12:13	4.75	114.01	6840.72	25.3%
85	Recovery from R/W-Wait to STB 2002_05_22		1181	22-Mai-2002 13:53	1183	22-Mai-2002 17:15	0.21	5.03	301.80	25.4%
86	Recovery from STB to HTR 2002_05_22		1184	22-Mai-2002 18:55	1214	24-Mai-2002 17:52	2.03	48.62	2917.37	26.1%
87	Monitoring 5_2	Monitoring 5_2	1213	24-Mai-2002 19:32	1214	24-Mai-2002 21:13	0.14	3.35	201.20	26.1%
88	Measurement Window 4.1	Lunar Measurement 2	1215	24-Mai-2002 22:54	1214	27-Mai-2002 19:38	2.93	70.42	4225.15	27.0%
89	PMC action 3 to R/W-Wait 2002_05_26		1238	26-Mai-2002 13:27	1244	26-Mai-2002 23:31	0.49	11.74	704.19	26.8%
90	PL_SOL Safing to Off-Safe 2002_05_27		1245	27-Mai-2002 01:12	1280	29-Mai-2002 11:53	2.51	60.36	3621.56	27.6%
91	Recovery 2002_05_29		1281	29-Mai-2002 13:33	1285	29-Mai-2002 20:16	0.35	8.38	502.99	27.7%
92	Thermal Variation manual TMLs		1286	29-Mai-2002 21:56	1359	04-Jun-2002 00:20	5.17	124.07	7444.31	29.4%
93	Thermal Variation Retest Start TMLs	Thermal Variation Retest	1360	04-Jun-2002 02:00	1364	04-Jun-2002 08:43	0.35	8.38	502.99	29.5%
94	Thermal Variation Retest TVA 5	Thermal Variation Retest	1365	04-Jun-2002 10:23	1388	06-Jun-2002 00:57	1.68	40.24	2414.37	30.0%
95	PL_SOL Safing to Off-Safe 2002_06_05		1385	05-Jun-2002 19:55	1452	10-Jun-2002 12:16	4.75	114.01	6840.72	31.5%
96	Recovery 2002_06_11		1453	10-Jun-2002 13:56	1455	10-Jun-2002 17:17	0.21	5.03	301.80	31.5%
97	Thermal Transition to 8a Set 2, manual TMLs		1455	10-Jun-2002 17:17	1483	12-Jun-2002 16:14	2.03	48.62	2917.37	32.2%
98	APSM Check 1a rerun		1480	12-Jun-2002 11:12	1480	12-Jun-2002 11:12	0.07	1.68	100.60	32.1%
99	APSM Check 1b rerun		1481	12-Jun-2002 12:53	1481	12-Jun-2002 12:53	0.07	1.68	100.60	32.1%
100	APSM Check 2a rerun		1482							

Plan_Overview

SODAP Sequence	SODAP Activity	SCOMP Activity	start orbit	ANX (UTC)	stop orbit	ANX (UTC)	Duration (day)	Duration (h)	Duration (min)	% done
102	Break		1484	12-Jun-2002 17:55	1484	12-Jun-2002 17:55	0.07	1.68	100.60	32.2%
103	Safing Heater Refuse 2002_06_12		1483	12-Jun-2002 16:14	1487	12-Jun-2002 22:57	0.35	8.38	502.99	32.3%
104	PMC action 3 to R/W-Wait 2002_06_13		1488	13-Jun-2002 00:37	1497	13-Jun-2002 15:43	0.70	16.77	1005.99	32.5%
105	Recovery 2002_06_13		1498	13-Jun-2002 17:23	1511	14-Jun-2002 15:11	0.98	23.47	1408.38	32.8%
106	Monitoring 6a_1	Monitoring 6a_1	1485	12-Jun-2002 19:35	1486	12-Jun-2002 21:16	0.14	3.35	201.20	32.2%
107	Measurement Window 4.2	Measurement Window 4.1	1487	12-Jun-2002 22:57	1522	15-Jun-2002 09:38	2.51	60.36	3621.56	33.0%
108	Measurement Window 4.3	Measurement Window 4.5F	1523	15-Jun-2002 11:18	1552	17-Jun-2002 11:56	2.10	50.30	3017.96	33.7%
109	PMC action 3 to R/W-Wait 2002_06_17		1550	17-Jun-2002 08:34	1553	17-Jun-2002 13:36	0.28	6.71	402.40	33.7%
110	Recovery 2002_06_17		1554	17-Jun-2002 15:17	1571	18-Jun-2002 19:47	1.26	30.18	1810.78	34.1%
111	Measurement Window 4.4	Measurement Window 4.3	1553	17-Jun-2002 13:36	1570	18-Jun-2002 18:06	1.26	30.18	1810.78	34.1%
112	Measurement Window 3 Repetition	Measurement Window 3 Repetition	1571	18-Jun-2002 19:47	1578	19-Jun-2002 07:31	0.56	13.41	804.79	34.3%
113	Monitoring 6a_2	Monitoring 6a_2	1579	19-Jun-2002 09:12	1579	19-Jun-2002 09:12	0.07	1.68	100.60	34.3%
114	ELACM Cover release		1594	20-Jun-2002 10:21	1594	20-Jun-2002 10:21	0.07	1.68	100.60	34.7%
115	Measurement Window 5.1	Lunar Measurement 3	1585	19-Jun-2002 19:15	1681	26-Jun-2002 12:13	6.78	162.63	9758.08	36.6%
116	Monitoring 6b_1	Monitoring 6b_1	1682	26-Jun-2002 13:53	1684	26-Jun-2002 17:15	0.21	5.03	301.80	36.7%
117	Measurement Window 5.1 SPL STS	Measurement Window 5a	1685	26-Jun-2002 18:55	1711	28-Jun-2002 14:31	1.89	45.27	2716.17	37.3%
118	Measurement Window 5.2 S_DIFF_var	Measurement Window 5a	1712	28-Jun-2002 16:11	1732	30-Jun-2002 01:43	1.47	35.21	2112.57	37.8%
119	Measurement Window 5.2 Pre	Measurement Window 5a	1733	30-Jun-2002 03:24	1740	30-Jun-2002 15:08	0.56	13.41	804.79	38.0%
120	Measurement Window 5.3 S_SFE	Measurement Window 5b	1741	30-Jun-2002 16:49	1752	01-Jul-2002 11:15	0.84	20.12	1207.19	38.2%
121	Measurement Window 5.3 D_PET	Measurement Window 5b	1753	01-Jul-2002 12:56	1767	02-Jul-2002 12:24	1.05	25.15	1508.98	38.6%
122	Measurement Window 5.3 S_SFE	Measurement Window 5b	1768	02-Jul-2002 14:05	1771	02-Jul-2002 19:07	0.28	6.71	402.40	38.7%
123	Monitoring 6b_2	Monitoring 6b_2	1772	02-Jul-2002 20:47	1774	03-Jul-2002 00:08	0.21	5.03	301.80	38.7%
124	Measurement Window 5.4 Beta States	Lunar Measurement 3	1775	03-Jul-2002 01:49	1779	03-Jul-2002 08:31	0.35	8.38	502.99	38.8%
125	Nominal Decontam : warm up		1780	03-Jul-2002 10:12	1786	03-Jul-2002 20:16	0.49	11.74	704.19	39.0%
126	Nominal Decontam: 2 Days		1787	03-Jul-2002 21:56	1815	05-Jul-2002 20:53	2.03	48.62	2917.37	39.7%
127	Nominal Decontam: Cool down		1816	05-Jul-2002 22:34	1881	10-Jul-2002 11:32	4.61	110.66	6639.52	41.1%
128	Special Monitoring 3	Special Monitoring 3	1817	06-Jul-2002 00:14	1881	10-Jul-2002 11:32	4.54	108.98	6538.92	41.1%
129	Monitoring 6b_3 (new)	Monitoring 6b_3	1882	10-Jul-2002 13:13	1883	10-Jul-2002 14:54	0.14	3.35	201.20	41.2%
130	TV Window 5	Thermal Verification 5	1884	10-Jul-2002 16:34	1974	16-Jul-2002 23:28	6.36	152.57	9154.49	43.2%
131	APSM Check 1a rerun 2		1912	12-Jul-2002 15:31	1912	12-Jul-2002 15:31	0.07	1.68	100.60	41.8%
132	Icing Test		1951	15-Jul-2002 08:54	1979	17-Jul-2002 07:51	2.03	48.62	2917.37	43.3%
133	PMC action 3 to R/W-Wait 2002_07_15		1952	15-Jul-2002 10:35	1965	16-Jul-2002 08:23	0.98	23.47	1408.38	43.0%
134	Recovery 2002_07_16		1966	16-Jul-2002 10:03	1969	16-Jul-2002 15:05	0.28	6.71	402.40	43.1%
135	Beta State Load/Dump		1975	17-Jul-2002 01:09	1988	17-Jul-2002 22:57	0.98	23.47	1408.38	43.6%
136	Start Validation Phase		1989	18-Jul-2002 00:37	2006	19-Jul-2002 05:07	1.26	30.18	1810.78	44.0%
137	Measurement Window 7.1		2007	19-Jul-2002 06:48	2098	25-Jul-2002 15:22	6.43	154.25	9255.09	46.0%
138	Icing Test / Non-nominal Decontamination		2099	25-Jul-2002 17:03	2203	01-Aug-2002 23:25	7.34	176.05	10562.87	48.4%
139	Validation Phase		2204	02-Aug-2002 01:06	2633	01-Sep-2002 00:23	30.04	720.96	43257.49	58.1%
140	1st nominal APSM Check		2208	02-Aug-2002 07:48	2208	02-Aug-2002 07:48	0.07	1.68	100.60	48.5%
141	1st nominal PMDI/ADC Calibration		2468	20-Aug-2002 11:44	2468	20-Aug-2002 11:44	0.07	1.68	100.60	54.4%
142	Safing Heater Refuse 2002_08_28		2586	28-Aug-2002 17:35	2595	29-Aug-2002 08:40	0.70	16.77	1005.99	57.2%
143	Recovery Heater Refuse 2002_08_29		2596	29-Aug-2002 10:21	2596	29-Aug-2002 10:21	0.07	1.68	100.60	57.3%
144	14 Orbits Nadir Pointing Left 32		2634	01-Sep-2002 02:03	2647	01-Sep-2002 23:51	0.98	23.47	1408.38	58.4%
145	14 Orbits Nadir Pointing Right 32		2648	02-Sep-2002 01:32	2661	02-Sep-2002 23:20	0.98	23.47	1408.38	58.7%
146	Validation Phase		2662	03-Sep-2002 01:00	2775	10-Sep-2002 22:28	7.96	191.14	11468.26	61.3%
147	2nd nominal APSM Check		2667	03-Sep-2002 09:23	2667	03-Sep-2002 09:23	0.07	1.68	100.60	58.9%
148	OCM / PMC sw update		2737	08-Sep-2002 06:45	2781	11-Sep-2002 08:31	3.14	75.45	4526.95	61.4%
149	Validation Phase		2782	11-Sep-2002 10:12	2818	13-Sep-2002 22:33	2.58	62.04	3722.16	62.3%
150	14 Orbits Nadir Pointing D_00		2819	14-Sep-2002 00:14	2832	14-Sep-2002 22:02	0.98	23.47	1408.38	62.6%
151	Validation Phase		2833	14-Sep-2002 23:42	2947	22-Sep-2002 22:51	8.03	192.81	11568.86	65.2%
152	Validation High Data Rate		2948	23-Sep-2002 00:31	2976	24-Sep-2002 23:28	2.03	48.62	2917.37	65.8%
153	Validation Phase		2977	25-Sep-2002 01:09	3032	28-Sep-2002 21:22	3.91	93.89	5633.53	67.1%
154	Beta States (nominally unused)		3033	28-Sep-2002 23:02	3034	29-Sep-2002 00:43	0.14	3.35	201.20	67.1%
155	Validation Phase		3035	29-Sep-2002 02:23	3047	29-Sep-2002 22:31	0.91	21.80	1307.78	67.4%
156	Beta States (nominally unused)		3048	30-Sep-2002 00:11	3049	30-Sep-2002 01:52	0.14	3.35	201.20	67.5%
157	Validation Phase		3050	30-Sep-2002 03:32	3170	08-Okt-2002 12:44	8.45	202.87	12172.46	70.2%
158	3rd nominal APSM Check		3171	08-Okt-2002 14:25	3171	08-Okt-2002 14:25	0.07	1.68	100.60	70.2%
159	Validation Phase		3172	08-Okt-2002 16:06	3196	10-Okt-2002 08:20	1.75	41.92	2514.97	70.8%
160	2nd nominal PMDI/ADC Calibration		3197	10-Okt-2002 10:01	3197	10-Okt-2002 10:01	0.07	1.68	100.60	70.8%
161	Validation Phase		3198	10-Okt-2002 11:41	3398	24-Okt-2002 11:01	14.04	337.01	20220.36	75.3%
162	ICU SW Patch V2.04		3399	24-Okt-2002 12:42	3399	24-Okt-2002 12:42	0.07	1.68	100.60	75.4%
163	Validation Phase		3400	24-Okt-2002 14:22	3745	17-Nov-2002 16:49	24.17	580.12	34807.19	83.2%
164	Flash Decontamination		3746	17-Nov-2002 18:29	3752	18-Nov-2002 04:33	0.49	11.74	704.19	83.3%
165	PMC sw update		3753	18-Nov-2002 06:13	3757	18-Nov-2002 12:56	0.35	8.38	502.99	83.4%
166	ICU Standby		3758	18-Nov-2002 14:36	3764	19-Nov-2002 00:40	0.49	11.74	704.19	83.6%
167	Leonid Meteor Shower		3765	19-Nov-2002 02:21	3770	19-Nov-2002 10:44	0.42	10.06	603.59	83.7%
168	ENVISAT Recovery incl. PMTC Patch V2.14 RAM		3771	19-Nov-2002 12:24	3788	20-Nov-2002 16:54	1.26	30.18	1810.78	84.1%
169	Validation Phase		3789	20-Nov-2002 18:35	3835	23-Nov-2002 23:43	3.28	78.80	4728.14	85.2%
170	Nadir Dark Current		3836	24-Nov-2002 01:23	3849	24-Nov-2002 23:11	0.98	23.47	1408.38	85.5%
171	Validation Phase		3850	25-Nov-2002 00:52	3865	26-Nov-2002 02:01	1.12	26.83	1609.58	85.9%
172	14 Orbits Nadir Pointing Left 16		3866	26-Nov-2002 03:41	3879	27-Nov-2002 01:29	0.98	23.47	1408.38	86.2%
173	14 Orbits Nadir Pointing Right 16		3880	27-Nov-2002 03:09	3893	28-Nov-2002 00:57	0.98	23.47	1408.38	86.5%
174	2 x 14 Orbits, Dark Current and WLS		3894	28-Nov-2002 02:38	3921	29-Nov-2002 23:54	1.96	46.95	2816.77	87.1%
175	Additional Sodap Measurements	Additional Sodap Measurements	3922	30-Nov-2002 01:35	3962	02-Dec-2002 20:39	2.86	68.74	4124.55	88.1%
176	Safing Heater Refuse 2002_11_30		3925	30-Nov-2002 06:36	3931	30-Nov-2002 16:40	0.49	11.74	704.19	87.4%
177	Recovery Heater Refuse 2002_11_30		3932	30-Nov-2002 18:21	3957	02-Dec-2002 12:16	1.82	43.59	2615.57	87.9%
178	Repair config_13 after SCIA-safing		3958	02-Dec-2002 13:56	3958	02-Dec-2002 13:56	0.07	1.68	100.60	88.0%
179	SF accuracy	SF accuracy	3963	02-Dec-2002 22:19	3978	03-Dec-2002 23:28	1.12	26.83	1609.58	88.4%
180	Beta States		3979	04-Dec-2002 01:09	3982	04-Dec-2002 06:11	0.28	6.71	402.40	88.5%
181	Safing Heater Refuse 2002_12_04		3981	04-Dec-2002 04:30	3983	04-Dec-2002 07:51	0.21	5.03	301.80	88.5%
182	PMTC Patch V2.14 EEPROM		3984	04-Dec-2002 09:32	3987	04-Dec-2002 14:34	0.28	6.71	402.40	88.6%
183	Recovery Heater Refuse 2002_12_04		3987	04-Dec-2002 14:34	3987	04-Dec-2002 14:34	0.07	1.68	100.60	88.6%
184	Repair beta after SCIA-safing		3988	04-Dec-2002 16:14	3988	04-Dec-2002 16:14	0.07	1.68	100.60	88.6%
185	Engineering (Thermal)		3983	04-Dec-2002 07:51	4054	09-Dec-2002 06:54	5.03	120.72	7243.11	90.1%
186	Beta States, Nadir only, Limb only		4055	09-Dec-2002 08:34	4083	11-Dec-2002 07:31	2.03	48.62	2917.37	90.8%
187	Additional Sodap Measurements Repeat	Additional Sodap Measurements	4084	11-Dec-2002 09:12	4116	13-Dec-2002 14:51	2.31	55.33	3319.76	91.5%
188	Safing Heater Refuse 2002_12_12		4093	12-Dec-2002 00:17	4098	12-Dec-2002 08:40	0.42	10.06	603.59	91.1%
189	Recovery Heater Refuse 2002_12_12		4099	12-Dec-2002 10:21	4109	13-Dec-2002 03:07	0.77	18.44	1106.59	91.4%
190	MPS take over		4110	13-Dec-2002 04:47	4110	13-Dec-2002 04:47	0.07	1.68	100.60	91.4%
191	Delta Sodap Lunar Measurements	Delta Sodap Lunar Measurements	4117	13-Dec-2002 16:31	4127	14-Dec-2002 09:17	0.77	18.44	1106.59	91.8%
192	Final Flight States (nominally unused)		4128	14-Dec-2002 10:58	4149	15-Dec-2002 22:11	1.54	36.89	2213.17	92.3%
193	Final Flight States		4150	15-Dec-2002 23:51	4166	17-Dec-2002 02:41	1.19	28.50	1710.18	92.7%
194	Reinit., PMTC Dump, Non-Nominal Decont. Warmup		4167	17-Dec-2002 04:21	4492	08-Jan-2003 21:16	22.77	546.59	32795.21	100.0%
195	Safing Heater Refuse 2003_01_04		4428	04-Jan-2003 09:58	4455	06-Jan-2003 07:14	1.96	46.95	2816.77	99.2%
196	Recovery Heater Refuse 2003_01_06		4456	06-Jan-2003 08:54	4456	06-Jan-2003 08:54	0.07	1.68	100.60	99.2%
197	Non-Nominal Decont. Cooldown		4457	06-Jan-2003 10:35	4492	08-Jan-2003 21:16	2.51	60.36	3621.56	100.0