

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Monitoring TML SRC open	31	1	D_WLS_Moni_op_1	11		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	2	WLS_Moni_op_1	16		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	3	D_WLS_Moni_op_1	11		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	4	D_WLS_Moni_op_2	12		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	5	WLS_Moni_op_2	48		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	6	D_WLS_Moni_op_2	12		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	7	D_SLS_Pre69_op	10		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	8	SLS_Pre69_op	69		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	9	D_SLS_Pre69_op	10		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	10	D_WLS_Pre70_op	14		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	11	WLS_Pre70_op	70		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	12	D_WLS_Pre70_op	14		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	13	D_SLS_Pre59_op	9		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	14	SLS_Pre59_op	59		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	15	D_SLS_Pre59_op	9		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	16	D_WLS_Pre61_op	13		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	17	WLS_Pre61_op	61		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	18	D_WLS_Pre61_op	13		Failed (Instrument safing)			1485
ADC_Calibration	63	1	Bet_65	65		Failed (Instrument safing)			1485
Monitoring TML SRC open	31	1	D_WLS_Moni_op_1	11		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	2	WLS_Moni_op_1	16		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	3	D_WLS_Moni_op_1	11		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	4	D_WLS_Moni_op_2	12		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	5	WLS_Moni_op_2	48		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	6	D_WLS_Moni_op_2	12		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	7	D_SLS_Pre69_op	10		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	8	SLS_Pre69_op	69		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	9	D_SLS_Pre69_op	10		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	10	D_WLS_Pre70_op	14		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	11	WLS_Pre70_op	70		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	12	D_WLS_Pre70_op	14		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	13	D_SLS_Pre59_op	9		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	14	SLS_Pre59_op	59		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	15	D_SLS_Pre59_op	9		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	16	D_WLS_Pre61_op	13		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	17	WLS_Pre61_op	61		Failed (Instrument safing)			1486
Monitoring TML SRC open	31	18	D_WLS_Pre61_op	13		Failed (Instrument safing)			1486
ADC_Calibration	63	1	Bet_65	65		Failed (Instrument safing)			1486
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1487
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1488
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1489
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1490
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1491
SF State OBJ 31/57 State 6	34	1	S_SF_11	42		Failed (Instrument safing)			1492
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1492
SF State OBJ 31/57 State 5	19	1	S_SF_05	13		Failed (Instrument safing)			1493
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1493
SF State OBJ 58 State 1	20	1	S_SF_06	35		Failed (Instrument safing)			1494
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1494
SF State OBJ 58 State 5	24	1	S_SF_10	39		Failed (Instrument safing)			1495
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1495
SF State OBJ 31/57 State 6	34	1	S_SF_11	42		Failed (Instrument safing)			1496
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1496
SF State OBJ 31/57 State 1	15	1	S_SF_01	9		Failed (Instrument safing)			1497
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1497
SF State OBJ 31/57 State 2	16	1	S_SF_02	10		Failed (Instrument safing)			1498
SF State SS_SF_1 OBJ 33	28	1	SS_SF_1	21		Failed (Instrument safing)			1498
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1498
SF State OBJ 31/57 State 4	18	1	S_SF_04	12		Failed (Instrument safing)			1499
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34		Failed (Instrument safing)			1499

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1499
SF State OBJ 31/57 State 3	17	1	S_SF_03	11		Failed (Instrument safing)			1500
SF State SS_SF_2 OBJ 33	29	1	SS_SF_2	22		Failed (Instrument safing)			1500
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1500
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1501
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1502
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1503
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1504
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1505
SF State OBJ 31/57 State 5	19	1	S_SF_05	13		Failed (Instrument safing)			1506
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1506
SF State OBJ 31/57 State 2	16	1	S_SF_02	10		Failed (Instrument safing)			1507
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1507
SF State OBJ 31/57 State 3	17	1	S_SF_03	11		Failed (Instrument safing)			1508
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1508
SF State OBJ 58 State 1	20	1	S_SF_06	35		Failed (Instrument safing)			1509
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1509
SF State OBJ 58 State 5	24	1	S_SF_10	39		Failed (Instrument safing)			1510
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1510
Internal straylight OBJ 184: S_TCFOV	26	1	S_TCFOV	14		Failed (Instrument safing)			1511
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1511
SF State OBJ 58 State 3	22	1	S_SF_08	37	High Data Rate (1867 kHz)	14-Jun-2002 17:00:57	2342599845	2342600636	1512
SF State SS_SF_2 OBJ 33	29	1	SS_SF_2	22	Low Data Rate (400 kHz)	14-Jun-2002 17:33:29	2343099629	2343100667	1512
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	14-Jun-2002 18:10:07	2343662441	2343663584	1512
SF State OBJ 58 State 4	23	1	S_SF_09	38	High Data Rate (1867 kHz)	14-Jun-2002 18:41:33	2344145047	2344145838	1513
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	14-Jun-2002 19:13:54	2344641999	2344643037	1513
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	14-Jun-2002 19:50:43	2345207625	2345208768	1513
SF State OBJ 58 State 2	21	1	S_SF_07	36	High Data Rate (1867 kHz)	14-Jun-2002 20:22:09	2345690238	2345691029	1514
SF State SS_SF_1 OBJ 33	28	1	SS_SF_1	21	Low Data Rate (400 kHz)	14-Jun-2002 20:54:41	2346189984	2346191022	1514
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	14-Jun-2002 21:31:19	2346752790	2346753933	1514
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	14-Jun-2002 23:11:55	2348299747	2348299909	1515
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 00:52:31	2349843112	2349844255	1516
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 02:33:07	2351388302	2351389445	1517
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 04:13:43	2352933508	2352934651	1518
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 05:54:19	2354478717	2354479860	1519
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 07:34:54	2356023909	2356025052	1520
Internal straylight OBJ 184: S_TCFOV	26	1	S_TCFOV	14	High Data Rate (1867 kHz)	15-Jun-2002 08:05:23	2356492150	2356492941	1521
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 09:15:30	2357569085	2357570228	1521
SF State OBJ 31/57 State 4	18	1	S_SF_04	12	High Data Rate (1867 kHz)	15-Jun-2002 09:46:55	2358051659	2358052450	1522
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 10:56:06	2359114256	2359115399	1522
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 12:36:42	2360659410	2360660553	1523
Straylight OBJ 88	40	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:09:46	2361167350	2361167877	1524
Straylight OBJ 88	40	2	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:13:10	2361219464	2361219991	1524
Straylight OBJ 88	40	3	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:13:18	2361221655	2361222182	1524
Straylight OBJ 88	40	4	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:13:52	2361230245	2361230772	1524
Straylight OBJ 88	40	5	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:17:15	2361282359	2361282886	1524
Straylight OBJ 88	40	6	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:17:24	2361284549	2361285076	1524
Straylight OBJ 88	40	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:17:57	2361293140	2361293667	1524
Straylight OBJ 88	40	8	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:21:21	2361345253	2361345780	1524
Straylight OBJ 88	40	9	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:21:29	2361347445	2361347972	1524
Straylight OBJ 88	40	10	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:22:03	2361356036	2361356563	1524
Straylight OBJ 88	40	11	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:25:27	2361408149	2361408676	1524
Straylight OBJ 88	40	12	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:25:35	2361410339	2361410866	1524
Straylight OBJ 88	40	13	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:26:09	2361418930	2361419457	1524
Straylight OBJ 88	40	14	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:29:32	2361471043	2361471570	1524
Straylight OBJ 88	40	15	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:29:41	2361473234	2361473761	1524
Straylight OBJ 88	24	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:33:16	2361528225	2361528752	1524
Straylight OBJ 88	24	2	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:36:39	2361580338	2361580865	1524
Straylight OBJ 88	24	3	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:36:48	2361582530	2361583057	1524
Straylight OBJ 88	24	4	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:37:21	2361591120	2361591647	1524
Straylight OBJ 88	24	5	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:40:45	2361643233	2361643760	1524
Straylight OBJ 88	24	6	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:40:53	2361645425	2361645952	1524
Straylight OBJ 88	24	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:41:27	2361654016	2361654543	1524

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OB T	Expected ISP OB T	In Orbit
Straylight OBJ 88	24	8	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:44:51	2361706128	2361706655	1524
Straylight OBJ 88	24	9	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:44:59	2361708320	2361708847	1524
Straylight OBJ 88	24	10	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:45:33	2361716910	2361717437	1524
Straylight OBJ 88	24	11	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:48:56	2361769023	2361769550	1524
Straylight OBJ 88	24	12	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:49:05	2361771214	2361771741	1524
Straylight OBJ 88	24	13	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:49:38	2361779806	2361780333	1524
Straylight OBJ 88	24	14	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:53:02	2361831918	2361832445	1524
Straylight OBJ 88	24	15	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:53:11	2361834109	2361834636	1524
Straylight OBJ 88	24	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:53:48	2361843715	2361844242	1524
Straylight OBJ 88	24	2	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 13:57:12	2361895829	2361896356	1524
Straylight OBJ 88	24	3	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 13:57:20	2361898019	2361898546	1524
Straylight OBJ 88	24	4	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 13:57:54	2361906611	2361907138	1524
Straylight OBJ 88	24	5	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:01:17	2361958723	2361959250	1524
Straylight OBJ 88	24	6	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:01:26	2361960914	2361961441	1524
Straylight OBJ 88	24	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:01:59	2361969505	2361970032	1524
Straylight OBJ 88	24	8	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:05:23	2362021618	2362022145	1524
Straylight OBJ 88	24	9	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:05:32	2362023810	2362024337	1524
Straylight OBJ 88	24	10	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:06:05	2362032401	2362032928	1524
Straylight OBJ 88	24	11	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:09:29	2362084513	2362085040	1524
Straylight OBJ 88	24	12	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:09:37	2362086704	2362087231	1524
Straylight OBJ 88	24	13	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:10:11	2362095295	2362095822	1524
Straylight OBJ 88	24	14	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:13:34	2362147409	2362147936	1524
Straylight OBJ 88	24	15	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:13:43	2362149600	2362150127	1524
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 14:17:18	2362204590	2362205733	1524
Straylight OBJ 88	23	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:18:04	2362216407	2362216934	1524
Straylight OBJ 88	23	2	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:21:27	2362268520	2362269047	1524
Straylight OBJ 88	23	3	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:21:36	2362270712	2362271239	1524
Straylight OBJ 88	23	4	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:22:10	2362279302	2362279829	1524
Straylight OBJ 88	23	5	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:25:33	2362331416	2362331943	1524
Straylight OBJ 88	23	6	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:25:42	2362333606	2362334133	1524
Straylight OBJ 88	23	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:26:15	2362342198	2362342725	1524
Straylight OBJ 88	23	8	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:29:39	2362394310	2362394837	1524
Straylight OBJ 88	23	9	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:29:47	2362396501	2362397028	1524
Straylight OBJ 88	23	10	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:30:21	2362405092	2362405619	1524
Straylight OBJ 88	23	11	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:33:44	2362457205	2362457732	1524
Straylight OBJ 88	23	12	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:33:53	2362459397	2362459924	1524
Straylight OBJ 88	23	13	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:34:27	2362467987	2362468514	1524
Straylight OBJ 88	23	14	D_Pre_46_new	9	Low Data Rate (400 kHz)	15-Jun-2002 14:37:50	2362520101	2362520628	1524
Straylight OBJ 88	23	15	D_Pre_63_new	10	Low Data Rate (400 kHz)	15-Jun-2002 14:37:59	2362522292	2362522819	1524
dark_space OBJ 43	44	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:50:22	2362712526	2362713053	1525
dark_space OBJ 43	44	2	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 14:53:45	2362764638	2362765165	1525
dark_space OBJ 43	44	3	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 14:59:49	2362857715	2362858242	1525
dark_space OBJ 43	44	4	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 15:03:13	2362909826	2362910353	1525
dark_space OBJ 43	44	5	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 15:09:16	2363002902	2363003429	1525
dark_space OBJ 43	44	6	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 15:12:40	2363055014	2363055541	1525
dark_space OBJ 43	44	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 15:18:43	2363148089	2363148616	1525
dark_space OBJ 43	44	8	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 15:22:07	2363200202	2363200729	1525
dark_space OBJ 43	44	9	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 15:28:10	2363293277	2363293804	1525
dark_space OBJ 43	44	10	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 15:31:34	2363345391	2363345918	1525
dark_space OBJ 43	44	11	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 15:37:38	2363438465	2363438992	1525
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 15:57:54	2363749795	2363750938	1525
dark_space OBJ 43	44	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 16:30:58	2364257720	2364258247	1526
dark_space OBJ 43	44	2	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 16:34:21	2364309833	2364310360	1526
dark_space OBJ 43	44	3	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 16:40:25	2364402907	2364403434	1526
dark_space OBJ 43	44	4	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 16:43:48	2364455020	2364455547	1526
dark_space OBJ 43	44	5	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 16:49:52	2364548096	2364548623	1526
dark_space OBJ 43	44	6	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 16:53:16	2364600208	2364600735	1526
dark_space OBJ 43	44	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 16:59:19	2364693284	2364693811	1526
dark_space OBJ 43	44	8	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 17:02:43	2364745396	2364745923	1526
dark_space OBJ 43	44	9	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 17:08:46	2364838471	2364838998	1526
dark_space OBJ 43	44	10	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 17:12:10	2364890584	2364891111	1526
dark_space OBJ 43	44	11	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 17:18:13	2364983659	2364984186	1526
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 17:38:30	2365295010	2365296153	1526
dark_space OBJ 43	44	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:11:34	2365802919	2365803446	1527

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
dark_space OBJ 43	44	2	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 18:14:57	2365855032	2365855559	1527
dark_space OBJ 43	44	3	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:21:01	2365948107	2365948634	1527
dark_space OBJ 43	44	4	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 18:24:24	2366000221	2366000748	1527
dark_space OBJ 43	44	5	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:30:28	2366093295	2366093822	1527
dark_space OBJ 43	44	6	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 18:33:52	2366145408	2366145935	1527
dark_space OBJ 43	44	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:39:55	2366238483	2366239010	1527
dark_space OBJ 43	44	8	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 18:43:19	2366290596	2366291123	1527
dark_space OBJ 43	44	9	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:49:22	2366383672	2366384199	1527
dark_space OBJ 43	44	10	D_ESM_var_1	12	Low Data Rate (400 kHz)	15-Jun-2002 18:52:46	2366435784	2366436311	1527
dark_space OBJ 43	44	11	D_Pre_67_new	11	Low Data Rate (400 kHz)	15-Jun-2002 18:58:49	2366528859	2366529386	1527
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 19:19:06	2366840199	2366841342	1527
SF State S_SFE_1 OBJ 61	34	1	S_SFE_1	40	High Data Rate (1867 kHz)	15-Jun-2002 19:49:58	2367314552	2367315343	1528
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 20:59:41	2368385369	2368386512	1528
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 21:25:56	2368788432	2368788959	1529
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 21:26:58	2368804462	2368804989	1529
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 21:28:01	2368820493	2368821020	1529
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 21:29:04	2368836525	2368837052	1529
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	15-Jun-2002 21:30:06	2368852555	2368853346	1529
Pre: Sun Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	15-Jun-2002 21:31:24	2368872441	2368873232	1529
Sun Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	15-Jun-2002 21:31:57	2368880773	2368882123	1529
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 21:32:40	2368891962	2368892489	1529
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	15-Jun-2002 21:33:43	2368907994	2368908521	1529
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	15-Jun-2002 21:34:45	2368924025	2368924552	1529
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 21:35:48	2368940056	2368940583	1529
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 21:36:51	2368956086	2368956613	1529
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 21:38:14	2368977478	2368978005	1529
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	15-Jun-2002 21:39:17	2368993510	2368994037	1529
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 21:40:40	2369014901	2369015428	1529
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	15-Jun-2002 21:41:43	2369030932	2369031459	1529
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 21:43:07	2369052324	2369052851	1529
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	15-Jun-2002 21:44:09	2369068356	2369068883	1529
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:45:18	2369085907	2369086434	1529
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	15-Jun-2002 21:46:20	2369101938	2369102465	1529
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:47:29	2369119488	2369120015	1529
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 21:48:32	2369135519	2369136046	1529
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:49:40	2369153070	2369153597	1529
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 21:50:43	2369169102	2369169629	1529
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:51:51	2369186653	2369187180	1529
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 21:52:54	2369202683	2369203210	1529
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:54:03	2369220235	2369220762	1529
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 21:55:05	2369236265	2369236792	1529
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:56:14	2369253816	2369254343	1529
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 21:57:16	2369269847	2369270374	1529
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 21:58:25	2369287398	2369287925	1529
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 21:59:28	2369303430	2369303957	1529
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:00:36	2369320980	2369321507	1529
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 22:01:39	2369337011	2369337538	1529
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:02:47	2369354562	2369355089	1529
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 22:03:50	2369370594	2369371121	1529
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:04:58	2369388145	2369388672	1529
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 22:06:01	2369404176	2369404703	1529
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:07:10	2369421726	2369422253	1529
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 22:08:12	2369437757	2369438284	1529
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:09:21	2369455309	2369455836	1529
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 22:10:23	2369471340	2369471867	1529
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 22:11:32	2369488890	2369489417	1529
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 22:12:35	2369504921	2369505448	1529
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 22:13:43	2369522472	2369522999	1529
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 22:14:46	2369538504	2369539031	1529

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 22:15:54	2369556054	2369556581	1529
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 22:16:57	2369572086	2369572613	1529
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 22:18:06	2369589636	2369590163	1529
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	15-Jun-2002 22:19:08	2369605668	2369606195	1529
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 22:20:17	2369623218	2369623745	1529
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	15-Jun-2002 22:21:19	2369639249	2369639776	1529
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 22:22:28	2369656801	2369657328	1529
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	15-Jun-2002 22:23:31	2369672831	2369673358	1529
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	15-Jun-2002 22:24:39	2369690383	2369690910	1529
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	15-Jun-2002 22:26:03	2369711774	2369712301	1529
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	15-Jun-2002 22:27:26	2369733166	2369733693	1529
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	15-Jun-2002 22:28:50	2369754558	2369755085	1529
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 22:30:13	2369775950	2369776477	1529
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 22:31:37	2369797343	2369797870	1529
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 22:33:00	2369818734	2369819261	1529
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 22:34:24	2369840126	2369840653	1529
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 22:35:48	2369861519	2369862046	1529
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	15-Jun-2002 22:40:17	2369930528	2369931671	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:41:03	2369942347	2369942874	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:42:27	2369963739	2369964266	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:43:50	2369985130	2369985657	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:45:14	2370006522	2370007049	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:46:38	2370027914	2370028441	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:48:01	2370049306	2370049833	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:49:25	2370070698	2370071225	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:50:48	2370092090	2370092617	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:52:12	2370113482	2370114009	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:53:35	2370134874	2370135401	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:54:59	2370156266	2370156793	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:56:22	2370177658	2370178185	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:57:46	2370199050	2370199577	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 22:59:10	2370220443	2370220970	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 23:00:33	2370241834	2370242361	1529
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	15-Jun-2002 23:01:57	2370263226	2370263753	1529
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 23:06:32	2370333597	2370334124	1530
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 23:07:34	2370349629	2370350156	1530
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 23:08:37	2370365660	2370366187	1530
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 23:09:39	2370381690	2370382217	1530
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	15-Jun-2002 23:10:42	2370397721	2370398512	1530
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	15-Jun-2002 23:12:00	2370417607	2370418398	1530
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	15-Jun-2002 23:12:32	2370425938	2370427288	1530
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	15-Jun-2002 23:13:16	2370437128	2370437655	1530
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	15-Jun-2002 23:14:19	2370453159	2370453686	1530
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	15-Jun-2002 23:15:21	2370469190	2370469717	1530
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 23:16:24	2370485221	2370485748	1530
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 23:17:47	2370506613	2370507140	1530
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	15-Jun-2002 23:18:50	2370522644	2370523171	1530
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 23:20:14	2370544036	2370544563	1530
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	15-Jun-2002 23:21:16	2370560068	2370560595	1530
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	15-Jun-2002 23:22:40	2370581460	2370581987	1530
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	15-Jun-2002 23:23:42	2370597490	2370598017	1530
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 23:25:06	2370618882	2370619409	1530
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	15-Jun-2002 23:26:09	2370634913	2370635440	1530
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:27:17	2370652465	2370652992	1530
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	15-Jun-2002 23:28:20	2370668496	2370669023	1530
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:29:28	2370686046	2370686573	1530
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:30:31	2370702078	2370702605	1530
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:31:40	2370719628	2370720155	1530

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:32:42	2370735660	2370736187	1530
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:33:51	2370753210	2370753737	1530
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:34:53	2370769241	2370769768	1530
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:36:02	2370786793	2370787320	1530
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:37:05	2370802823	2370803350	1530
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:38:13	2370820375	2370820902	1530
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:39:16	2370836405	2370836932	1530
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:40:24	2370853956	2370854483	1530
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 23:41:27	2370869987	2370870514	1530
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:42:35	2370887538	2370888065	1530
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 23:43:38	2370903570	2370904097	1530
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:44:47	2370921120	2370921647	1530
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 23:45:49	2370937151	2370937678	1530
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:46:58	2370954703	2370955230	1530
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 23:48:00	2370970733	2370971260	1530
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:49:09	2370988284	2370988811	1530
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	15-Jun-2002 23:50:12	2371004315	2371004842	1530
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:51:20	2371021866	2371022393	1530
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:52:23	2371037898	2371038425	1530
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	15-Jun-2002 23:53:31	2371055448	2371055975	1530
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:54:34	2371071479	2371072006	1530
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 23:55:43	2371089030	2371089557	1530
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:56:45	2371105061	2371105588	1530
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	15-Jun-2002 23:57:54	2371122612	2371123139	1530
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	15-Jun-2002 23:58:56	2371138644	2371139171	1530
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 00:00:05	2371156195	2371156722	1530
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 00:01:08	2371172226	2371172753	1530
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 00:02:16	2371189778	2371190305	1530
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 00:03:19	2371205808	2371206335	1530
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 00:04:27	2371223358	2371223885	1530
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 00:05:30	2371239389	2371239916	1530
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 00:06:38	2371256941	2371257468	1530
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 00:08:02	2371278333	2371278860	1530
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 00:09:26	2371299724	2371300251	1530
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 00:10:49	2371321117	2371321644	1530
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 00:12:13	2371342509	2371343036	1530
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 00:13:36	2371363900	2371364427	1530
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 00:15:00	2371385293	2371385820	1530
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 00:16:23	2371406684	2371407211	1530
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 00:20:53	2371475692	2371476335	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:21:39	2371487509	2371488036	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:23:03	2371508901	2371509428	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:24:26	2371530293	2371530820	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:25:50	2371551686	2371552213	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:27:13	2371573077	2371573604	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:28:37	2371594470	2371594997	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:30:00	2371615861	2371616388	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:31:24	2371637253	2371637780	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:32:48	2371658645	2371659172	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:34:11	2371680037	2371680564	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:35:35	2371701429	2371701956	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:36:58	2371722821	2371723348	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:38:22	2371744214	2371744741	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:39:45	2371765606	2371766133	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:41:09	2371786997	2371787524	1530
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 00:42:33	2371808389	2371808916	1530
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 00:47:07	2371878758	2371879285	1531
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 00:48:10	2371894789	2371895316	1531
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 00:49:13	2371910820	2371911347	1531
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 00:50:15	2371926851	2371927378	1531

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	16-Jun-2002 00:51:18	2371942883	2371943674	1531
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	16-Jun-2002 00:52:36	2371962768	2371963559	1531
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	16-Jun-2002 00:53:08	2371971105	2371972455	1531
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 00:53:52	23719822295	2371982822	1531
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 00:54:54	2371998325	2371998852	1531
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 00:55:57	2372014357	2372014884	1531
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 00:57:00	2372030387	2372030914	1531
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 00:58:02	2372046418	2372046945	1531
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 00:59:26	2372067810	2372068337	1531
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 01:00:29	2372083841	2372084368	1531
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 01:01:52	2372105233	2372105760	1531
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 01:02:55	2372121264	2372121791	1531
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 01:04:18	2372142656	2372143183	1531
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 01:05:21	2372158687	2372159214	1531
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:06:29	2372176238	2372176765	1531
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 01:07:32	2372192269	2372192796	1531
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:08:41	2372209820	2372210347	1531
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:09:43	2372228851	2372229378	1531
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:10:52	2372243404	2372243931	1531
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:11:54	2372259434	2372259961	1531
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:13:03	2372276984	2372277511	1531
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:14:06	2372293016	2372293543	1531
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:15:14	2372310566	2372311093	1531
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:16:17	2372326599	2372327126	1531
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:17:25	2372344148	2372344675	1531
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:18:28	2372360179	2372360706	1531
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:19:37	2372377730	2372378257	1531
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 01:20:39	2372393762	2372394289	1531
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:21:48	2372411313	2372411840	1531
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 01:22:50	2372427343	2372427870	1531
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:23:59	2372444894	2372445421	1531
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 01:25:02	2372460925	2372461452	1531
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:26:10	2372478476	2372479003	1531
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 01:27:13	2372494508	2372495035	1531
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:28:21	2372512059	2372512586	1531
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 01:29:24	2372528089	2372528616	1531
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:30:32	2372545640	2372546167	1531
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:31:35	2372561671	2372562198	1531
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 01:32:44	2372579222	2372579749	1531
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:33:46	2372595253	2372595780	1531
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 01:34:55	2372612805	2372613332	1531
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:35:57	2372628835	2372629362	1531
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 01:37:06	2372646387	2372646914	1531
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 01:38:09	2372662417	2372662944	1531
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 01:39:17	2372679968	2372680495	1531
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 01:40:20	2372696000	2372696527	1531
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 01:41:28	2372713550	2372714077	1531
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 01:42:31	2372729581	2372730108	1531
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 01:43:40	2372747132	2372747659	1531
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 01:44:42	2372763163	2372763690	1531
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 01:45:51	2372780715	2372781242	1531
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 01:47:14	2372802107	2372802634	1531
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 01:48:38	2372823499	2372824026	1531
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 01:50:01	2372844890	2372845417	1531
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 01:51:25	2372866282	2372866809	1531
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 01:52:48	2372887674	2372888201	1531
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 01:54:12	2372909067	2372909594	1531
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 01:55:36	2372930459	2372930986	1531
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 01:56:59	2372951850	2372952377	1531
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 02:01:29	2373020876	237302019	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:02:15	2373032693	2373033220	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:03:39	2373054084	2373054611	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:05:02	2373075476	2373076003	1531

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:06:26	2373096868	2373097395	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:07:49	2373118260	2373118787	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:09:13	2373139653	2373140180	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:10:36	2373161044	2373161571	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:12:00	2373182436	2373182963	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:13:23	2373203828	2373204355	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:14:47	2373225220	2373225747	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:16:11	2373246612	2373247139	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:17:34	2373268004	2373268531	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:18:58	2373289397	2373289924	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:20:21	2373310788	2373311315	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:21:45	2373332181	2373332708	1531
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 02:23:08	2373353572	2373354099	1531
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 02:27:43	2373423924	2373424451	1532
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 02:28:46	2373439955	2373440482	1532
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 02:29:48	2373455987	2373456514	1532
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 02:30:51	2373472018	2373472545	1532
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	16-Jun-2002 02:31:54	2373488049	2373488840	1532
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	16-Jun-2002 02:33:11	2373507934	2373508725	1532
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	16-Jun-2002 02:33:44	2373516275	2373517625	1532
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 02:34:28	2373527464	2373527991	1532
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 02:35:30	2373543495	2373544022	1532
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 02:36:33	2373559527	2373560054	1532
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 02:37:36	2373575558	2373576085	1532
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 02:38:59	2373596949	2373597476	1532
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 02:40:02	2373612981	2373613508	1532
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 02:41:25	2373634372	2373634899	1532
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 02:42:28	2373650404	2373650931	1532
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 02:43:51	2373671796	2373672323	1532
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 02:44:54	2373687826	2373688353	1532
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 02:46:18	2373709219	2373709746	1532
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 02:47:20	2373725249	2373725776	1532
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:48:29	2373742800	2373743327	1532
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 02:49:31	2373758832	2373759359	1532
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:50:40	2373776382	2373776909	1532
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 02:51:43	2373792413	2373792940	1532
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:52:51	2373809964	2373810491	1532
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 02:53:54	2373825995	2373826522	1532
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:55:02	2373843547	2373844074	1532
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 02:56:05	2373859577	2373860104	1532
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:57:14	2373877128	2373877655	1532
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 02:58:16	2373893159	2373893686	1532
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 02:59:25	2373910711	2373911238	1532
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 03:00:27	2373926742	2373927269	1532
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:01:36	2373944293	2373944820	1532
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 03:02:39	2373960323	2373960850	1532
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:03:47	2373977875	2373978402	1532
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 03:04:50	2373993906	2373994433	1532
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:05:58	2374011456	2374011983	1532
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 03:07:01	2374027487	2374028014	1532
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:08:09	2374045038	2374045565	1532
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 03:09:12	2374061069	2374061596	1532
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:10:21	2374078620	2374079147	1532
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 03:11:23	2374094651	2374095178	1532
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:12:32	2374112202	2374112729	1532
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 03:13:34	2374128233	2374128760	1532
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 03:14:43	2374145784	2374146311	1532
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 03:15:46	2374161815	2374162342	1532

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 03:16:54	2374179366	2374179893	1532
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 03:17:57	2374195398	2374195925	1532
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 03:19:05	2374212949	2374213476	1532
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 03:20:08	2374228979	2374229506	1532
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 03:21:17	2374246530	2374247057	1532
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 03:22:19	2374262562	2374263089	1532
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 03:23:28	2374280113	2374280640	1532
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 03:24:30	2374296144	2374296671	1532
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 03:25:39	2374313694	2374314221	1532
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 03:26:42	2374329726	2374330253	1532
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 03:27:50	2374347276	2374347803	1532
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 03:29:14	2374368669	2374369196	1532
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 03:30:37	2374390060	2374390587	1532
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 03:32:01	2374411452	2374411979	1532
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 03:33:24	2374432844	2374433371	1532
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 03:34:48	2374454236	2374454763	1532
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 03:36:11	2374475628	2374476155	1532
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 03:37:35	2374497021	2374497548	1532
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 03:42:05	2374566080	2374567223	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:42:51	2374577896	2374578423	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:44:14	2374599288	2374599815	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:45:38	2374620680	2374621207	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:47:02	2374642072	2374642599	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:48:25	2374663465	2374663992	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:49:49	2374684857	2374685384	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:51:12	2374706248	2374706775	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:52:36	2374727640	2374728167	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:53:59	2374749032	2374749559	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:55:23	2374770424	2374770951	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:56:47	2374791816	2374792343	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:58:10	2374813209	2374813736	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 03:59:34	2374834601	2374835128	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 04:00:57	2374855993	2374856520	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 04:02:21	2374877384	2374877911	1532
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 04:03:44	2374898776	2374899303	1532
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 04:08:19	2374969122	2374969649	1533
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 04:09:22	2374985153	2374985680	1533
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 04:10:24	2375001183	2375001710	1533
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 04:11:27	2375017214	2375017741	1533
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	16-Jun-2002 04:12:30	2375033245	2375034036	1533
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	16-Jun-2002 04:13:47	2375053132	2375053923	1533
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	16-Jun-2002 04:14:20	2375061465	2375062815	1533
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 04:15:04	2375072654	2375073181	1533
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 04:16:06	2375088685	2375089212	1533
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 04:17:09	2375104716	2375105243	1533
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 04:18:11	2375120747	2375121274	1533
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 04:19:14	2375136780	2375137307	1533
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 04:20:38	2375158170	2375158697	1533
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 04:21:40	2375174201	2375174728	1533
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 04:23:04	2375195593	2375196120	1533
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 04:24:06	2375211624	2375212151	1533
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 04:25:30	2375233016	2375233543	1533
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 04:26:33	2375249047	2375249574	1533
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:27:41	2375265658	2375267125	1533
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 04:28:44	2375282629	2375283156	1533
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:29:52	2375300180	2375300707	1533
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:30:55	2375316212	2375316739	1533
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:32:04	2375333762	2375334289	1533
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:33:06	2375349793	2375350320	1533

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:34:15	2375367345	2375367872	1533
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:35:17	2375383376	2375383903	1533
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:36:26	2375400926	2375401453	1533
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:37:29	2375416957	2375417484	1533
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:38:37	2375434508	2375435035	1533
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:39:40	2375450540	2375451067	1533
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:40:48	2375468091	2375468618	1533
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 04:41:51	2375484121	2375484648	1533
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:42:59	2375501672	2375502199	1533
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 04:44:02	2375517703	2375518230	1533
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:45:11	2375535254	2375535781	1533
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 04:46:13	2375551285	2375551812	1533
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:47:22	2375568836	2375569363	1533
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 04:48:24	2375584867	2375585394	1533
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:49:33	2375602420	2375602947	1533
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 04:50:36	2375618449	2375618976	1533
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:51:44	2375636000	2375636527	1533
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:52:47	2375652032	2375652559	1533
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 04:53:55	2375669582	2375670109	1533
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:54:58	2375686564	2375686141	1533
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 04:56:07	2375703164	2375703691	1533
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:57:09	2375719196	2375719723	1533
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 04:58:18	2375736747	2375737274	1533
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 04:59:20	2375752777	2375753304	1533
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 05:00:29	2375770329	2375770856	1533
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 05:01:31	2375786359	2375786886	1533
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 05:02:40	2375803911	2375804438	1533
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 05:03:43	2375819942	2375820469	1533
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 05:04:51	2375837492	2375838019	1533
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 05:05:54	2375853524	2375854051	1533
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 05:07:02	2375871074	2375871601	1533
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 05:08:26	2375892467	2375892994	1533
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 05:09:50	2375913858	2375914385	1533
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 05:11:13	2375935250	2375935777	1533
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 05:12:37	2375956643	2375957170	1533
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 05:14:00	2375978034	2375978561	1533
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 05:15:24	2375999426	2375999953	1533
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 05:16:47	2376020818	2376021345	1533
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 05:18:11	2376042210	2376042737	1533
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 05:22:41	2376111290	2376112433	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:23:27	2376123106	2376123633	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:24:50	2376144499	2376145026	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:26:14	2376165890	2376166417	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:27:38	2376187282	2376187809	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:29:01	2376208674	2376209201	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:30:25	2376230067	2376230594	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:31:48	2376251458	2376251985	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:33:12	2376272851	2376273378	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:34:35	2376294242	2376294769	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:35:59	2376315635	2376316162	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:37:23	2376337026	2376337553	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:38:46	2376358418	2376358945	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:40:10	2376379811	2376380338	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:41:33	2376401202	2376401729	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:42:57	2376422595	2376423122	1533
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 05:44:20	2376443986	2376444513	1533
Linearity of pixel-to-pixel gain OBJ 29	48	1	D_WLS_PET_var	20	Low Data Rate (400 kHz)	16-Jun-2002 05:55:45	2376619199	2376620473	1534
Linearity of pixel-to-pixel gain OBJ 29	48	2	WLS_PET_var_1	19	Low Data Rate (400 kHz)	16-Jun-2002 05:57:55	2376652561	2376653835	1534
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 07:03:17	2377656493	2377657636	1534
SF State S_SFE_2 OBJ 61	35	1	S_SFE_2	41	High Data Rate (1867 kHz)	16-Jun-2002 07:34:40	2378138501	2378139292	1535
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 08:43:53	2379201669	2379202812	1535
IFOV/Co-alignment S_IFOV_ASM OBJ 81/95/97	42	1	S_IFOV_ASM	25	High Data Rate (1867 kHz)	16-Jun-2002 09:15:33	2379688087	2379688878	1536
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 10:24:28	2380746842	2380747985	1536
IFOV/Co-alignment S_IFOV_ESM OBJ 81/95/97	43	1	S_IFOV_ESM	26	High Data Rate (1867 kHz)	16-Jun-2002 10:56:08	2381233254	2381234045	1537

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 12:05:04	2382292007	2382293150	1537
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 12:31:14	2382694000	2382694527	1538
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 12:32:17	2382710030	2382710557	1538
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 12:33:20	2382726062	2382726589	1538
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 12:34:22	2382742092	2382742619	1538
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	5	Pre_51	51	High Data Rate (1867 kHz)	16-Jun-2002 12:35:25	2382758123	2382758914	1538
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 13:45:40	2383837178	2383838321	1538
Straylight/Signal OBJ 40	46	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 14:11:54	2384240195	2384240722	1539
Straylight/Signal OBJ 40	46	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 14:12:57	2384256226	2384256753	1539
Straylight/Signal OBJ 40	46	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 14:14:00	2384272258	2384272785	1539
Straylight/Signal OBJ 40	46	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 14:15:02	2384288288	2384288815	1539
Straylight/Signal OBJ 40	46	5	S_Straylight	37	High Data Rate (1867 kHz)	16-Jun-2002 14:16:05	2384304320	2384305111	1539
Minimization of straylight 15 OBJ 44	47	1	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:21:47	2384391875	2384392666	1539
Minimization of straylight 15 OBJ 44	47	2	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:22:22	2384400830	2384401357	1539
Minimization of straylight 15 OBJ 44	47	3	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:23:45	2384422221	2384423012	1539
Minimization of straylight 15 OBJ 44	47	4	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:24:20	2384431176	2384431703	1539
Minimization of straylight 15 OBJ 44	47	5	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:26:34	2384465369	2384466160	1539
Minimization of straylight 15 OBJ 44	47	6	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:27:09	2384474323	2384474850	1539
Minimization of straylight 15 OBJ 44	47	7	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:28:32	2384495715	2384496506	1539
Minimization of straylight 15 OBJ 44	47	8	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:29:07	2384504670	2384505197	1539
Minimization of straylight 15 OBJ 44	47	9	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:31:21	2384538862	2384539653	1539
Minimization of straylight 15 OBJ 44	47	10	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:31:56	2384547817	2384548344	1539
Minimization of straylight 15 OBJ 44	47	11	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:33:19	2384569210	2384570001	1539
Minimization of straylight 15 OBJ 44	47	12	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:33:54	2384578165	2384578692	1539
Minimization of straylight 15 OBJ 44	47	13	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:36:08	2384612356	2384613147	1539
Minimization of straylight 15 OBJ 44	47	14	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:36:43	2384621312	2384621839	1539
Minimization of straylight 15 OBJ 44	47	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:38:07	2384642704	2384643495	1539
Minimization of straylight 15 OBJ 44	47	16	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:38:42	2384651658	2384652185	1539
Minimization of straylight 15 OBJ 44	47	17	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:40:55	2384685850	2384686641	1539
Minimization of straylight 15 OBJ 44	47	18	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:41:30	2384694806	2384695333	1539
Minimization of straylight 15 OBJ 44	47	19	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:42:54	2384716198	2384716989	1539
Minimization of straylight 15 OBJ 44	47	20	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:43:29	2384725153	2384725680	1539
Minimization of straylight 15 OBJ 44	47	21	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:45:42	2384759344	2384760135	1539
Minimization of straylight 15 OBJ 44	47	22	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:46:17	2384768299	2384768826	1539
Minimization of straylight 15 OBJ 44	47	23	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:47:41	2384789691	2384790482	1539
Minimization of straylight 15 OBJ 44	47	24	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:48:16	2384798646	2384799173	1539
Minimization of straylight 15 OBJ 44	47	25	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:50:29	2384832838	2384833629	1539
Minimization of straylight 15 OBJ 44	47	26	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:51:04	2384841793	2384842320	1539
Minimization of straylight 15 OBJ 44	47	27	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:52:28	2384863185	2384863976	1539
Minimization of straylight 15 OBJ 44	47	28	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:53:03	2384872141	2384872668	1539
Minimization of straylight 15 OBJ 44	47	29	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:55:16	2384906332	2384907123	1539
Minimization of straylight 15 OBJ 44	47	30	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 14:55:51	2384915287	2384915814	1539
Minimization of straylight 15 OBJ 44	47	31	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 14:57:15	2384936679	2384937470	1539
Minimization of straylight 15 OBJ 44	47	32	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 14:57:50	2384945634	2384946161	1539
Minimization of straylight 15 OBJ 44	47	33	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:00:03	2384979827	2384980618	1539
Minimization of straylight 15 OBJ 44	47	34	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 15:00:38	2384988782	2384989309	1539
Minimization of straylight 15 OBJ 44	47	35	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:02:02	2385010174	2385010965	1539
Minimization of straylight 15 OBJ 44	47	36	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 15:02:37	2385019128	2385019655	1539
Minimization of straylight 15 OBJ 44	47	37	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:04:51	2385053321	2385054112	1539
Minimization of straylight 15 OBJ 44	47	38	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 15:05:26	2385062275	2385062802	1539
Minimization of straylight 15 OBJ 44	47	39	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:06:49	2385083667	2385084458	1539
Minimization of straylight 15 OBJ 44	47	40	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 15:07:24	2385092622	2385093149	1539
Minimization of straylight 15 OBJ 44	47	41	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:09:38	2385126815	2385127606	1539
Minimization of straylight 15 OBJ 44	47	42	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 15:10:13	2385135770	2385136297	1539
Minimization of straylight 15 OBJ 44	47	43	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:11:36	2385157161	2385157952	1539
Minimization of straylight 15 OBJ 44	47	44	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 15:12:11	2385166116	2385166643	1539
Minimization of straylight 15 OBJ 44	47	45	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:14:25	2385200308	2385201099	1539
Minimization of straylight 15 OBJ 44	47	46	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 15:15:00	2385209264	2385209791	1539
Minimization of straylight 15 OBJ 44	47	47	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:16:23	2385230655	2385231446	1539

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Minimization of straylight 15 OBJ 44	47	48	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 15:16:58	2385239610	2385240137	1539
Minimization of straylight 15 OBJ 44	47	49	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:19:12	2385273802	2385274593	1539
Minimization of straylight 15 OBJ 44	47	50	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 15:19:47	2385282757	2385283284	1539
Minimization of straylight 15 OBJ 44	47	51	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:21:10	2385304149	2385304940	1539
Minimization of straylight 15 OBJ 44	47	52	N_ASM_var	24	Low Data Rate (400 kHz)	16-Jun-2002 15:21:45	2385313105	2385313632	1539
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 15:26:16	2385382379	2385383522	1539
Light tightness Obj 17	17	1	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 15:59:20	2385890252	2385891043	1540
Light tightness Obj 17	17	2	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 15:59:30	2385892808	2385893599	1540
Light tightness Obj 17	17	3	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:00:05	2385901762	2385902553	1540
Light tightness Obj 17	17	4	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:00:15	2385904318	2385905109	1540
Light tightness Obj 17	17	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:00:50	2385913272	2385914063	1540
Light tightness Obj 17	17	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:01:00	2385915827	2385916618	1540
Light tightness Obj 17	17	7	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:01:35	2385924782	2385925573	1540
Light tightness Obj 17	17	8	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:01:45	2385927337	2385928128	1540
Light tightness Obj 17	17	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:02:20	2385936292	2385937083	1540
Light tightness Obj 17	17	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:02:30	2385938848	2385939639	1540
Light tightness Obj 17	17	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:03:05	2385947802	2385948593	1540
Light tightness Obj 17	17	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:03:15	2385950357	2385951148	1540
Light tightness Obj 17	17	13	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:03:50	2385959313	2385960104	1540
Light tightness Obj 17	17	14	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:04:00	2385961867	2385962658	1540
Light tightness Obj 17	17	15	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:04:35	2385970822	2385971613	1540
Light tightness Obj 17	17	16	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:04:45	2385973377	2385974168	1540
Light tightness Obj 17	17	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:05:20	2385982333	2385983124	1540
Light tightness Obj 17	17	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:05:29	2385984887	2385985678	1540
Light tightness Obj 17	17	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:06:04	2385993843	2385994634	1540
Light tightness Obj 17	17	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:06:14	2385996398	2385997189	1540
Light tightness Obj 17	17	21	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:06:49	2386005353	2386006144	1540
Light tightness Obj 17	17	22	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:06:59	2386007909	2386008700	1540
Light tightness Obj 17	17	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:07:34	2386016863	2386017654	1540
Light tightness Obj 17	17	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:07:44	2386019418	2386020209	1540
Light tightness Obj 17	17	25	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:08:19	2386028373	2386029164	1540
Light tightness Obj 17	17	26	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:08:29	2386030928	2386031719	1540
Light tightness Obj 17	17	27	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:09:04	2386039883	2386040674	1540
Light tightness Obj 17	17	28	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:09:14	2386042438	2386043229	1540
Light tightness Obj 17	17	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:09:49	2386051392	2386052183	1540
Light tightness Obj 17	17	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:09:59	2386053947	2386054738	1540
Light tightness Obj 17	17	31	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:10:34	2386062902	2386063693	1540
Light tightness Obj 17	17	32	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:10:44	2386065457	2386066248	1540
Light tightness Obj 17	17	33	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:11:19	2386074412	2386075203	1540
Light tightness Obj 17	17	34	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:11:29	2386076968	2386077759	1540
Light tightness Obj 17	17	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:12:04	2386085922	2386086713	1540
Light tightness Obj 17	17	36	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:12:14	2386088478	2386089269	1540
Light tightness Obj 17	17	37	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:12:49	2386097432	2386098223	1540
Light tightness Obj 17	17	38	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:12:59	2386099987	2386100778	1540
Light tightness Obj 17	17	39	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:13:34	2386108942	2386109733	1540
Light tightness Obj 17	17	40	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:13:44	2386111497	2386112288	1540
Light tightness Obj 17	17	41	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:14:19	2386120452	2386121243	1540
Light tightness Obj 17	17	42	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:14:29	2386123007	2386123798	1540
Light tightness Obj 17	17	43	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:15:04	2386131962	2386132753	1540
Light tightness Obj 17	17	44	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:15:14	2386134518	2386135309	1540
Light tightness Obj 17	17	45	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:15:49	2386143472	2386144263	1540
Light tightness Obj 17	17	46	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:15:59	2386146027	2386146818	1540
Light tightness Obj 17	17	47	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:16:34	2386154982	2386155773	1540
Light tightness Obj 17	17	48	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:16:44	2386157537	2386158328	1540
Light tightness Obj 17	17	49	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:17:19	2386166492	2386167283	1540
Light tightness Obj 17	17	50	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:17:29	2386169047	2386169838	1540
Light tightness Obj 17	17	51	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:18:04	2386178002	2386178793	1540
Light tightness Obj 17	17	52	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:18:14	2386180557	2386181348	1540
Light tightness Obj 17	17	53	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:18:49	2386189512	2386190303	1540
Light tightness Obj 17	17	54	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:18:59	2386192067	2386192858	1540
Light tightness Obj 17	17	55	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:19:34	2386201022	2386201813	1540
Light tightness Obj 17	17	56	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:19:44	2386203577	2386204368	1540
Light tightness Obj 17	36	1	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:22:34	2386247278	2386248069	1540
Light tightness Obj 17	36	2	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:22:44	2386249833	2386250624	1540

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	36	3	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:23:19	2386258788	2386259579	1540
Light tightness Obj 17	36	4	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:23:29	2386261344	2386262134	1540
Light tightness Obj 17	36	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:24:04	2386270298	2386271089	1540
Light tightness Obj 17	36	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:24:14	2386272853	2386273644	1540
Light tightness Obj 17	36	7	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:24:49	2386281808	2386282599	1540
Light tightness Obj 17	36	8	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:24:59	2386284363	2386285154	1540
Light tightness Obj 17	36	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:25:34	2386293318	2386294109	1540
Light tightness Obj 17	36	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:25:44	2386295873	2386296664	1540
Light tightness Obj 17	36	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:26:19	2386304828	2386305619	1540
Light tightness Obj 17	36	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:26:29	2386307383	2386308174	1540
Light tightness Obj 17	36	13	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:27:04	2386316337	2386317128	1540
Light tightness Obj 17	36	14	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:27:14	2386318892	2386319683	1540
Light tightness Obj 17	36	15	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:27:49	2386327847	2386328638	1540
Light tightness Obj 17	36	16	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:27:59	2386330402	2386331193	1540
Light tightness Obj 17	36	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:28:34	2386339358	2386340149	1540
Light tightness Obj 17	36	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:28:44	2386341912	2386342703	1540
Light tightness Obj 17	36	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:29:19	2386350868	2386351659	1540
Light tightness Obj 17	36	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:29:29	2386353422	2386354213	1540
Light tightness Obj 17	36	21	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:30:04	2386362377	2386363168	1540
Light tightness Obj 17	36	22	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:30:14	2386364932	2386365723	1540
Light tightness Obj 17	36	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:30:49	2386373888	2386374679	1540
Light tightness Obj 17	36	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:30:59	2386376442	2386377233	1540
Light tightness Obj 17	36	25	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:31:34	2386385397	2386386188	1540
Light tightness Obj 17	36	26	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:31:44	2386387952	2386388743	1540
Light tightness Obj 17	36	27	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:32:19	2386396907	2386397698	1540
Light tightness Obj 17	36	28	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:32:29	2386399462	2386400253	1540
Light tightness Obj 17	36	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:33:04	2386408418	2386409209	1540
Light tightness Obj 17	36	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:33:14	2386410972	2386411763	1540
Light tightness Obj 17	36	31	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:33:49	2386419927	2386420718	1540
Light tightness Obj 17	36	32	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:33:59	2386422482	2386423273	1540
Light tightness Obj 17	36	33	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:34:34	2386431437	2386432228	1540
Light tightness Obj 17	36	34	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:34:44	2386433992	2386434783	1540
Light tightness Obj 17	36	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:35:19	2386442947	2386443738	1540
Light tightness Obj 17	36	36	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:35:29	2386445502	2386446293	1540
Light tightness Obj 17	36	37	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:36:04	2386454457	2386455248	1540
Light tightness Obj 17	36	38	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:36:14	2386457012	2386457803	1540
Light tightness Obj 17	36	39	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:36:49	2386465967	2386466758	1540
Light tightness Obj 17	36	40	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:36:59	2386468522	2386469313	1540
Light tightness Obj 17	36	41	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:37:34	2386477477	2386478268	1540
Light tightness Obj 17	36	42	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:37:44	2386480032	2386480823	1540
Light tightness Obj 17	36	43	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:38:19	2386488987	2386489778	1540
Light tightness Obj 17	36	44	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:38:29	2386491542	2386492333	1540
Light tightness Obj 17	36	45	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:39:04	2386500497	2386501288	1540
Light tightness Obj 17	36	46	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:39:14	2386503052	2386503843	1540
Light tightness Obj 17	36	47	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:39:49	2386512008	2386512799	1540
Light tightness Obj 17	36	48	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:39:59	2386514563	2386515354	1540
Light tightness Obj 17	36	49	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:40:34	2386523518	2386524309	1540
Light tightness Obj 17	36	50	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:40:43	2386526072	2386526863	1540
Light tightness Obj 17	36	51	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:41:18	2386535028	2386535819	1540
Light tightness Obj 17	36	52	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:41:28	2386537583	2386538374	1540
Light tightness Obj 17	36	53	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:42:03	2386546538	2386547329	1540
Light tightness Obj 17	36	54	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:42:13	2386549093	2386549884	1540
Light tightness Obj 17	36	55	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:42:48	2386558048	2386558839	1540
Light tightness Obj 17	36	56	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:42:58	2386560602	2386561393	1540
Light tightness Obj 17	36	1	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:43:37	2386570571	2386571362	1540
Light tightness Obj 17	36	2	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:43:47	2386573127	2386573918	1540
Light tightness Obj 17	36	3	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:44:22	2386582082	2386582873	1540
Light tightness Obj 17	36	4	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:44:32	2386584637	2386585428	1540
Light tightness Obj 17	36	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:45:07	2386593592	2386594383	1540
Light tightness Obj 17	36	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:45:17	2386596147	2386596938	1540
Light tightness Obj 17	36	7	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:45:52	2386605102	2386605893	1540
Light tightness Obj 17	36	8	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:46:02	2386607657	2386608448	1540
Light tightness Obj 17	36	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:46:37	2386616611	2386617402	1540
Light tightness Obj 17	36	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:46:47	2386619167	2386619958	1540

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	36	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:47:22	2386628122	2386628913	1540
Light tightness Obj 17	36	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:47:32	2386630676	2386631467	1540
Light tightness Obj 17	36	13	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:48:07	2386639631	2386640422	1540
Light tightness Obj 17	36	14	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:48:17	2386642186	2386642977	1540
Light tightness Obj 17	36	15	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:48:52	2386651142	2386651933	1540
Light tightness Obj 17	36	16	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:49:02	2386653696	2386654487	1540
Light tightness Obj 17	36	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:49:37	2386662651	2386663442	1540
Light tightness Obj 17	36	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:49:47	2386665206	2386665997	1540
Light tightness Obj 17	36	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:50:22	2386674162	2386674953	1540
Light tightness Obj 17	36	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:50:32	2386676716	2386677507	1540
Light tightness Obj 17	36	21	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:51:07	2386685671	2386686462	1540
Light tightness Obj 17	36	22	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:51:17	2386688226	2386689017	1540
Light tightness Obj 17	36	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:51:52	2386697181	2386697972	1540
Light tightness Obj 17	36	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:52:02	2386699736	2386700527	1540
Light tightness Obj 17	36	25	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:52:37	2386708692	2386709483	1540
Light tightness Obj 17	36	26	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:52:47	2386711246	2386712037	1540
Light tightness Obj 17	36	27	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:53:22	2386720202	2386720993	1540
Light tightness Obj 17	36	28	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:53:32	2386722756	2386723547	1540
Light tightness Obj 17	36	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:54:07	2386731712	2386732503	1540
Light tightness Obj 17	36	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:54:17	2386734266	2386735057	1540
Light tightness Obj 17	36	31	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:54:52	2386743221	2386744012	1540
Light tightness Obj 17	36	32	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:55:02	2386745776	2386746567	1540
Light tightness Obj 17	36	33	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:55:37	2386754731	2386755522	1540
Light tightness Obj 17	36	34	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:55:47	2386757287	2386758078	1540
Light tightness Obj 17	36	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:56:22	2386766242	2386767033	1540
Light tightness Obj 17	36	36	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:56:32	2386768797	2386769588	1540
Light tightness Obj 17	36	37	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:57:07	2386777751	2386778542	1540
Light tightness Obj 17	36	38	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:57:17	2386780306	2386781097	1540
Light tightness Obj 17	36	39	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:57:52	2386789261	2386790052	1540
Light tightness Obj 17	36	40	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:58:02	2386791816	2386792607	1540
Light tightness Obj 17	36	41	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:58:37	2386800771	2386801562	1540
Light tightness Obj 17	36	42	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:58:47	2386803326	2386804117	1540
Light tightness Obj 17	36	43	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 16:59:21	2386812281	2386813072	1540
Light tightness Obj 17	36	44	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 16:59:31	2386814837	2386815628	1540
Light tightness Obj 17	36	45	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:00:06	2386823792	2386824583	1540
Light tightness Obj 17	36	46	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:00:16	2386826347	2386827138	1540
Light tightness Obj 17	36	47	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:00:51	2386835302	2386836093	1540
Light tightness Obj 17	36	48	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:01:01	2386837857	2386838648	1540
Light tightness Obj 17	36	49	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:01:36	2386846811	2386847602	1540
Light tightness Obj 17	36	50	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:01:46	2386849367	2386850158	1540
Light tightness Obj 17	36	51	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:02:21	2386858322	2386859113	1540
Light tightness Obj 17	36	52	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:02:31	2386860877	2386861668	1540
Light tightness Obj 17	36	53	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:03:06	2386869831	2386870622	1540
Light tightness Obj 17	36	54	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:03:16	2386872386	2386873177	1540
Light tightness Obj 17	36	55	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:03:51	2386881341	2386882132	1540
Light tightness Obj 17	36	56	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:04:01	2386883896	2386884687	1540
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 17:06:52	2386927596	2386928739	1540
Light tightness Obj 17	18	1	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:07:38	2386939416	2386940207	1540
Light tightness Obj 17	18	2	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:07:48	2386941969	2386942760	1540
Light tightness Obj 17	18	3	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:08:23	2386950924	2386951715	1540
Light tightness Obj 17	18	4	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:08:33	2386953480	2386954271	1540
Light tightness Obj 17	18	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:09:08	2386962435	2386963226	1540
Light tightness Obj 17	18	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:09:18	2386964989	2386965780	1540
Light tightness Obj 17	18	7	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:09:53	2386973945	2386974736	1540
Light tightness Obj 17	18	8	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:10:03	2386976499	2386977290	1540
Light tightness Obj 17	18	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:10:38	2386985454	2386986245	1540
Light tightness Obj 17	18	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:10:48	2386988009	2386988800	1540
Light tightness Obj 17	18	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:11:23	2386996964	2386997755	1540
Light tightness Obj 17	18	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:11:33	2386999519	2387000310	1540
Light tightness Obj 17	18	13	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:12:08	2387008474	2387009265	1540
Light tightness Obj 17	18	14	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:12:18	2387011030	2387011821	1540
Light tightness Obj 17	18	15	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:12:53	2387019984	2387020775	1540
Light tightness Obj 17	18	16	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:13:03	2387022540	2387023331	1540
Light tightness Obj 17	18	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:13:38	2387031495	2387032286	1540

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	18	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:13:48	2387034049	2387034840	1540
Light tightness Obj 17	18	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:14:23	2387043005	2387043796	1540
Light tightness Obj 17	18	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:14:33	2387045559	2387046350	1540
Light tightness Obj 17	18	21	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:15:08	2387054514	2387055305	1540
Light tightness Obj 17	18	22	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:15:18	2387057069	2387057860	1540
Light tightness Obj 17	18	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:15:53	2387066024	2387066815	1540
Light tightness Obj 17	18	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:16:03	2387068579	2387069370	1540
Light tightness Obj 17	18	25	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:16:38	2387077534	2387078325	1540
Light tightness Obj 17	18	26	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:16:48	2387080089	2387080880	1540
Light tightness Obj 17	18	27	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:17:23	2387089044	2387089835	1540
Light tightness Obj 17	18	28	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:17:33	2387091599	2387092390	1540
Light tightness Obj 17	18	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:18:08	2387100554	2387101345	1540
Light tightness Obj 17	18	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:18:18	2387103110	2387103901	1540
Light tightness Obj 17	18	31	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:18:53	2387112064	2387112855	1540
Light tightness Obj 17	18	32	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:19:02	2387114619	2387115410	1540
Light tightness Obj 17	18	33	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:19:37	2387123575	2387124366	1540
Light tightness Obj 17	18	34	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:19:47	2387126130	2387126921	1540
Light tightness Obj 17	18	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:20:22	2387135085	2387135876	1540
Light tightness Obj 17	18	36	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:20:32	2387137640	2387138431	1540
Light tightness Obj 17	18	37	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:21:07	2387146595	2387147386	1540
Light tightness Obj 17	18	38	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:21:17	2387149150	2387149941	1540
Light tightness Obj 17	18	39	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:21:52	2387158104	2387158895	1540
Light tightness Obj 17	18	40	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:22:02	2387160659	2387161450	1540
Light tightness Obj 17	18	41	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:22:37	2387169614	2387170405	1540
Light tightness Obj 17	18	42	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:22:47	2387172170	2387172961	1540
Light tightness Obj 17	18	43	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:23:22	2387181124	2387181915	1540
Light tightness Obj 17	18	44	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:23:32	2387183679	2387184470	1540
Light tightness Obj 17	18	45	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:24:07	2387192635	2387193426	1540
Light tightness Obj 17	18	46	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:24:17	2387195189	2387195980	1540
Light tightness Obj 17	18	47	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:24:52	2387204144	2387204935	1540
Light tightness Obj 17	18	48	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:25:02	2387206699	2387207490	1540
Light tightness Obj 17	18	49	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:25:37	2387215654	2387216445	1540
Light tightness Obj 17	18	50	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:25:47	2387218209	2387219000	1540
Light tightness Obj 17	18	51	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:26:22	2387227165	2387227956	1540
Light tightness Obj 17	18	52	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:26:32	2387229720	2387230511	1540
Light tightness Obj 17	18	53	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:27:07	2387238675	2387239466	1540
Light tightness Obj 17	18	54	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:27:17	2387242130	2387242921	1540
Light tightness Obj 17	18	55	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:27:52	2387250185	2387250976	1540
Light tightness Obj 17	18	56	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:28:02	2387252740	2387253531	1540
Light tightness Obj 17	19	1	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:39:56	2387435454	2387435981	1541
Light tightness Obj 17	19	2	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:41:19	2387456847	2387458121	1541
Light tightness Obj 17	19	3	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:41:33	2387460322	2387461728	1541
Light tightness Obj 17	19	4	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:41:54	2387465786	2387466577	1541
Light tightness Obj 17	19	5	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:42:04	2387468341	2387469132	1541
Light tightness Obj 17	19	6	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:42:39	2387477296	2387477823	1541
Light tightness Obj 17	19	7	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:44:03	2387498688	2387499962	1541
Light tightness Obj 17	19	8	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:44:16	2387502163	2387503569	1541
Light tightness Obj 17	19	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:44:38	2387507628	2387508419	1541
Light tightness Obj 17	19	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:44:48	2387510184	2387510975	1541
Light tightness Obj 17	19	11	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:45:23	2387519139	2387519666	1541
Light tightness Obj 17	19	12	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:46:46	2387540530	2387541804	1541
Light tightness Obj 17	19	13	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:47:00	2387544006	2387545412	1541
Light tightness Obj 17	19	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:47:21	2387549470	2387550261	1541
Light tightness Obj 17	19	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:47:31	2387552026	2387552817	1541
Light tightness Obj 17	19	16	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:48:06	2387560980	2387561507	1541
Light tightness Obj 17	19	17	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:49:30	2387582372	2387583646	1541
Light tightness Obj 17	19	18	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:49:43	2387585847	2387587253	1541
Light tightness Obj 17	19	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:50:05	2387591313	2387592104	1541
Light tightness Obj 17	19	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:50:15	2387593867	2387594658	1541
Light tightness Obj 17	19	21	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:50:50	2387602823	2387603350	1541
Light tightness Obj 17	19	22	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:52:13	2387624216	2387625490	1541
Light tightness Obj 17	19	23	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:52:27	2387627690	2387629096	1541
Light tightness Obj 17	19	24	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:52:48	2387633154	2387633945	1541
Light tightness Obj 17	19	25	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:52:58	2387635710	2387636501	1541

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	19	26	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:53:33	2387644665	2387645192	1541
Light tightness Obj 17	19	27	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:54:57	2387666056	2387667330	1541
Light tightness Obj 17	19	28	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:55:10	2387669532	2387670938	1541
Light tightness Obj 17	19	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:55:31	2387674996	2387675787	1541
Light tightness Obj 17	19	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:55:41	2387677552	2387678343	1541
Light tightness Obj 17	19	31	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:56:16	2387686507	2387687034	1541
Light tightness Obj 17	19	32	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 17:57:40	2387707899	2387709173	1541
Light tightness Obj 17	19	33	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 17:57:54	2387711373	2387712779	1541
Light tightness Obj 17	19	34	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 17:58:15	2387716839	2387717630	1541
Light tightness Obj 17	19	35	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 17:58:25	2387719394	2387720185	1541
Light tightness Obj 17	19	36	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 17:59:00	2387728348	2387728875	1541
Light tightness Obj 17	19	37	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:00:23	2387749741	2387751015	1541
Light tightness Obj 17	19	38	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:00:37	2387753215	2387754621	1541
Light tightness Obj 17	37	1	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:03:09	2387792005	2387792532	1541
Light tightness Obj 17	37	2	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:04:32	2387813397	2387814671	1541
Light tightness Obj 17	37	3	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:04:46	2387816872	2387818278	1541
Light tightness Obj 17	37	4	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:05:07	2387822337	2387823128	1541
Light tightness Obj 17	37	5	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:05:17	2387824892	2387825683	1541
Light tightness Obj 17	37	6	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:05:52	2387833848	2387834375	1541
Light tightness Obj 17	37	7	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:07:16	2387855239	2387856513	1541
Light tightness Obj 17	37	8	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:07:29	2387858716	2387860122	1541
Light tightness Obj 17	37	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:07:50	2387864180	2387864971	1541
Light tightness Obj 17	37	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:08:00	2387866736	2387867527	1541
Light tightness Obj 17	37	11	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:08:35	2387875690	2387876217	1541
Light tightness Obj 17	37	12	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:09:59	2387897081	2387898355	1541
Light tightness Obj 17	37	13	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:10:13	2387900557	2387901963	1541
Light tightness Obj 17	37	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:10:34	2387906022	2387906813	1541
Light tightness Obj 17	37	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:10:44	2387908577	2387909368	1541
Light tightness Obj 17	37	16	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:11:19	2387917532	2387918059	1541
Light tightness Obj 17	37	17	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:12:42	2387938924	2387940198	1541
Light tightness Obj 17	37	18	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:12:56	2387942399	2387943805	1541
Light tightness Obj 17	37	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:13:17	2387947864	2387948655	1541
Light tightness Obj 17	37	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:13:27	2387950418	2387951209	1541
Light tightness Obj 17	37	21	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:14:02	2387959373	2387959900	1541
Light tightness Obj 17	37	22	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:15:26	2387980766	2387982040	1541
Light tightness Obj 17	37	23	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:15:39	2387984240	2387985646	1541
Light tightness Obj 17	37	24	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:16:01	2387989705	2387990496	1541
Light tightness Obj 17	37	25	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:16:11	2387992260	2387993051	1541
Light tightness Obj 17	37	26	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:16:46	2388001215	2388001742	1541
Light tightness Obj 17	37	27	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:18:09	2388022608	2388023882	1541
Light tightness Obj 17	37	28	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:18:23	2388026083	2388027489	1541
Light tightness Obj 17	37	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:18:44	2388031547	2388032338	1541
Light tightness Obj 17	37	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:18:54	2388034103	2388034894	1541
Light tightness Obj 17	37	31	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:19:29	2388043057	2388043584	1541
Light tightness Obj 17	37	32	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:20:53	2388064450	2388065724	1541
Light tightness Obj 17	37	33	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:21:06	2388067924	2388069330	1541
Light tightness Obj 17	37	34	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:21:28	2388073390	2388074181	1541
Light tightness Obj 17	37	35	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:21:38	2388075944	2388076735	1541
Light tightness Obj 17	37	36	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:22:13	2388084899	2388085426	1541
Light tightness Obj 17	37	37	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:23:36	2388106291	2388107565	1541
Light tightness Obj 17	37	38	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:23:50	2388109767	2388111173	1541
Light tightness Obj 17	37	1	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:24:15	2388116245	2388116772	1541
Light tightness Obj 17	37	2	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:25:39	2388137637	2388138911	1541
Light tightness Obj 17	37	3	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:25:52	2388141112	2388142518	1541
Light tightness Obj 17	37	4	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:26:14	2388146577	2388147368	1541
Light tightness Obj 17	37	5	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:26:24	2388149132	2388149923	1541
Light tightness Obj 17	37	6	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:26:59	2388158087	2388158614	1541
Light tightness Obj 17	37	7	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:28:22	2388179480	2388180754	1541
Light tightness Obj 17	37	8	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:28:36	2388182954	2388184360	1541
Light tightness Obj 17	37	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:28:57	2388188420	2388189211	1541
Light tightness Obj 17	37	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:29:07	2388190974	2388191765	1541
Light tightness Obj 17	37	11	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:29:42	2388199929	2388200456	1541
Light tightness Obj 17	37	12	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:31:06	2388221321	2388222595	1541
Light tightness Obj 17	37	13	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:31:19	2388224796	2388226202	1541

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	37	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:31:40	2388230261	2388231052	1541
Light tightness Obj 17	37	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:31:50	2388232817	2388233608	1541
Light tightness Obj 17	37	16	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:32:25	2388241772	2388242299	1541
Light tightness Obj 17	37	17	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:33:49	2388263163	2388264437	1541
Light tightness Obj 17	37	18	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:34:03	2388266638	2388268044	1541
Light tightness Obj 17	37	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:34:24	2388272104	2388272895	1541
Light tightness Obj 17	37	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:34:34	2388274658	2388275449	1541
Light tightness Obj 17	37	21	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:35:09	2388283613	2388284140	1541
Light tightness Obj 17	37	22	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:36:32	2388305006	2388306280	1541
Light tightness Obj 17	37	23	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:36:46	2388308480	2388309886	1541
Light tightness Obj 17	37	24	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:37:07	2388313946	2388314737	1541
Light tightness Obj 17	37	25	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:37:17	2388316501	2388317292	1541
Light tightness Obj 17	37	26	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:37:52	2388325456	2388325983	1541
Light tightness Obj 17	37	27	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:39:16	2388346848	2388348122	1541
Light tightness Obj 17	37	28	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:39:29	2388350323	2388351729	1541
Light tightness Obj 17	37	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:39:51	2388355788	2388356579	1541
Light tightness Obj 17	37	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:40:01	2388358343	2388359134	1541
Light tightness Obj 17	37	31	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:40:36	2388367298	2388367825	1541
Light tightness Obj 17	37	32	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:41:59	2388388689	2388389663	1541
Light tightness Obj 17	37	33	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:42:13	2388392164	2388393570	1541
Light tightness Obj 17	37	34	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:42:34	2388397629	2388398420	1541
Light tightness Obj 17	37	35	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:42:44	2388400184	2388400975	1541
Light tightness Obj 17	37	36	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:43:19	2388409139	2388409666	1541
Light tightness Obj 17	37	37	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:44:43	2388430532	2388431806	1541
Light tightness Obj 17	37	38	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:44:56	2388434007	2388435413	1541
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 18:47:28	2388472796	2388473939	1541
Light tightness Obj 17	20	1	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:48:14	2388484615	2388485142	1541
Light tightness Obj 17	20	2	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:49:38	2388506007	2388507281	1541
Light tightness Obj 17	20	3	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:49:51	2388509481	2388510887	1541
Light tightness Obj 17	20	4	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:50:13	2388514946	2388515737	1541
Light tightness Obj 17	20	5	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:50:23	2388517501	2388518292	1541
Light tightness Obj 17	20	6	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:50:57	2388526456	2388526983	1541
Light tightness Obj 17	20	7	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:52:21	2388547848	2388549122	1541
Light tightness Obj 17	20	8	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:52:35	2388551323	2388552729	1541
Light tightness Obj 17	20	9	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:52:56	2388556788	2388557579	1541
Light tightness Obj 17	20	10	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:53:06	2388559344	2388560135	1541
Light tightness Obj 17	20	11	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:53:41	2388568298	2388568825	1541
Light tightness Obj 17	20	12	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:55:04	2388589690	2388590964	1541
Light tightness Obj 17	20	13	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:55:18	2388593165	2388594571	1541
Light tightness Obj 17	20	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:55:39	2388598630	2388599421	1541
Light tightness Obj 17	20	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:55:49	2388601186	2388601977	1541
Light tightness Obj 17	20	16	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:56:24	2388610141	2388610668	1541
Light tightness Obj 17	20	17	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 18:57:48	2388631533	2388632807	1541
Light tightness Obj 17	20	18	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 18:58:02	2388635007	2388636413	1541
Light tightness Obj 17	20	19	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 18:58:23	2388640472	2388641263	1541
Light tightness Obj 17	20	20	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 18:58:33	2388643028	2388643819	1541
Light tightness Obj 17	20	21	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 18:59:08	2388651982	2388652509	1541
Light tightness Obj 17	20	22	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 19:00:31	2388673375	2388674649	1541
Light tightness Obj 17	20	23	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 19:00:45	2388676849	2388678255	1541
Light tightness Obj 17	20	24	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:01:06	2388682314	2388683105	1541
Light tightness Obj 17	20	25	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:01:16	2388684870	2388685661	1541
Light tightness Obj 17	20	26	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 19:01:51	2388693824	2388694351	1541
Light tightness Obj 17	20	27	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 19:03:15	2388715216	2388716490	1541
Light tightness Obj 17	20	28	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 19:03:28	2388718692	2388720098	1541
Light tightness Obj 17	20	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:03:50	2388724157	2388724948	1541
Light tightness Obj 17	20	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:04:00	2388726712	2388727503	1541
Light tightness Obj 17	20	31	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 19:04:35	2388735667	2388736194	1541
Light tightness Obj 17	20	32	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 19:05:58	2388757058	2388758332	1541
Light tightness Obj 17	20	33	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 19:06:12	2388760533	2388761939	1541
Light tightness Obj 17	20	34	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:06:33	2388765998	2388766789	1541
Light tightness Obj 17	20	35	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:06:43	2388768553	2388769344	1541
Light tightness Obj 17	20	36	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 19:07:18	2388777509	2388778036	1541
Light tightness Obj 17	20	37	D_SLS_Pre_59	21	Low Data Rate (400 kHz)	16-Jun-2002 19:08:42	2388798901	2388800175	1541
Light tightness Obj 17	20	38	D_WLS_Pre_61	22	Low Data Rate (400 kHz)	16-Jun-2002 19:08:55	2388802376	2388803782	1541

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	21	1	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:20:32	2388980660	2388981187	1542
Light tightness Obj 17	21	2	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:21:34	2388996692	2388997483	1542
Light tightness Obj 17	21	3	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:21:44	2388999246	2389000037	1542
Light tightness Obj 17	21	4	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:22:19	2389008201	2389008728	1542
Light tightness Obj 17	21	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:23:22	2389024232	2389025023	1542
Light tightness Obj 17	21	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:23:32	2389026787	2389027578	1542
Light tightness Obj 17	21	7	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:24:07	2389035742	2389036269	1542
Light tightness Obj 17	21	8	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:25:10	2389051773	2389052564	1542
Light tightness Obj 17	21	9	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:25:19	2389054328	2389055119	1542
Light tightness Obj 17	21	10	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:25:54	2389063283	2389063810	1542
Light tightness Obj 17	21	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:26:57	2389079315	2389080106	1542
Light tightness Obj 17	21	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:27:07	2389081869	2389082660	1542
Light tightness Obj 17	21	13	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:27:42	2389090824	2389091351	1542
Light tightness Obj 17	21	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:28:45	2389106855	2389107646	1542
Light tightness Obj 17	21	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:28:55	2389109411	2389110202	1542
Light tightness Obj 17	21	16	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:29:30	2389118366	2389118893	1542
Light tightness Obj 17	21	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:30:32	2389134396	2389135187	1542
Light tightness Obj 17	21	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:30:42	2389136951	2389137742	1542
Light tightness Obj 17	21	19	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:31:17	2389143906	2389146433	1542
Light tightness Obj 17	21	20	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:32:20	2389161937	2389162728	1542
Light tightness Obj 17	21	21	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:32:30	2389164492	2389165283	1542
Light tightness Obj 17	21	22	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:33:05	2389173447	2389173974	1542
Light tightness Obj 17	21	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:34:07	2389189479	2389190270	1542
Light tightness Obj 17	21	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:34:17	2389192034	2389192825	1542
Light tightness Obj 17	21	25	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:34:52	2389200990	2389201517	1542
Light tightness Obj 17	21	26	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:35:55	2389217019	2389217810	1542
Light tightness Obj 17	21	27	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:36:05	2389219574	2389220365	1542
Light tightness Obj 17	21	28	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:36:40	2389228529	2389229056	1542
Light tightness Obj 17	21	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:37:43	2389244561	2389245352	1542
Light tightness Obj 17	21	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:37:53	2389247116	2389247907	1542
Light tightness Obj 17	21	31	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:38:28	2389256070	2389256597	1542
Light tightness Obj 17	21	32	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:39:30	2389272101	2389272892	1542
Light tightness Obj 17	21	33	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:39:40	2389274656	2389275447	1542
Light tightness Obj 17	21	34	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:40:15	2389283612	2389284139	1542
Light tightness Obj 17	21	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:41:18	2389299642	2389300433	1542
Light tightness Obj 17	38	1	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:43:48	2389338042	2389338569	1542
Light tightness Obj 17	38	2	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:44:50	2389354074	2389354865	1542
Light tightness Obj 17	38	3	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:45:00	2389356629	2389357420	1542
Light tightness Obj 17	38	4	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:45:35	2389365584	2389366111	1542
Light tightness Obj 17	38	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:46:38	2389381614	2389382405	1542
Light tightness Obj 17	38	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:46:48	2389384169	2389384960	1542
Light tightness Obj 17	38	7	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:47:23	2389393124	2389393651	1542
Light tightness Obj 17	38	8	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:48:26	2389409156	2389409947	1542
Light tightness Obj 17	38	9	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:48:36	2389411711	2389412502	1542
Light tightness Obj 17	38	10	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:49:10	2389420666	2389421193	1542
Light tightness Obj 17	38	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:50:13	2389436696	2389437487	1542
Light tightness Obj 17	38	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:50:23	2389439251	2389440042	1542
Light tightness Obj 17	38	13	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:50:58	2389448206	2389448733	1542
Light tightness Obj 17	38	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:52:01	2389464237	2389465028	1542
Light tightness Obj 17	38	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:52:11	2389466793	2389467584	1542
Light tightness Obj 17	38	16	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:52:46	2389475748	2389476275	1542
Light tightness Obj 17	38	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:53:48	2389491778	2389492569	1542
Light tightness Obj 17	38	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:53:58	2389494334	2389495125	1542
Light tightness Obj 17	38	19	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:54:33	2389503289	2389503816	1542
Light tightness Obj 17	38	20	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:55:36	2389519319	2389520110	1542
Light tightness Obj 17	38	21	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:55:46	2389521874	2389522665	1542
Light tightness Obj 17	38	22	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:56:21	2389530829	2389531356	1542
Light tightness Obj 17	38	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:57:23	2389546861	2389547652	1542
Light tightness Obj 17	38	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:57:33	2389549416	2389550207	1542
Light tightness Obj 17	38	25	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:58:08	2389558371	2389558898	1542
Light tightness Obj 17	38	26	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 19:59:11	2389574402	2389575193	1542
Light tightness Obj 17	38	27	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 19:59:21	2389576957	2389577748	1542
Light tightness Obj 17	38	28	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 19:59:56	2389585911	2389586438	1542
Light tightness Obj 17	38	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:00:59	2389601942	2389602733	1542

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	38	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:01:09	2389604498	2389605289	1542
Light tightness Obj 17	38	31	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:01:44	2389613452	2389613979	1542
Light tightness Obj 17	38	32	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:02:46	2389629484	2389630275	1542
Light tightness Obj 17	38	33	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:02:56	2389632038	2389632829	1542
Light tightness Obj 17	38	34	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:03:31	2389640993	2389641520	1542
Light tightness Obj 17	38	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:04:34	2389657024	2389657815	1542
Light tightness Obj 17	38	1	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:04:48	2389660594	2389661121	1542
Light tightness Obj 17	38	2	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:05:50	2389676626	2389677417	1542
Light tightness Obj 17	38	3	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:06:00	2389679181	2389679972	1542
Light tightness Obj 17	38	4	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:06:35	2389688135	2389688662	1542
Light tightness Obj 17	38	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:07:38	2389704166	2389704957	1542
Light tightness Obj 17	38	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:07:48	2389706721	2389707512	1542
Light tightness Obj 17	38	7	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:08:23	2389715676	2389716203	1542
Light tightness Obj 17	38	8	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:09:25	2389731707	2389732498	1542
Light tightness Obj 17	38	9	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:09:35	2389734263	2389735054	1542
Light tightness Obj 17	38	10	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:10:10	2389743218	2389743745	1542
Light tightness Obj 17	38	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:11:13	2389759248	2389760039	1542
Light tightness Obj 17	38	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:11:23	2389761803	2389762594	1542
Light tightness Obj 17	38	13	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:11:58	2389770758	2389771285	1542
Light tightness Obj 17	38	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:13:01	2389786790	2389787581	1542
Light tightness Obj 17	38	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:13:11	2389789344	2389790135	1542
Light tightness Obj 17	38	16	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:13:46	2389798300	2389798827	1542
Light tightness Obj 17	38	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:14:48	2389814330	2389815121	1542
Light tightness Obj 17	38	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:14:58	2389816885	2389817676	1542
Light tightness Obj 17	38	19	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:15:33	2389825840	2389826367	1542
Light tightness Obj 17	38	20	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:16:36	2389841871	2389842662	1542
Light tightness Obj 17	38	21	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:16:46	2389844426	2389845217	1542
Light tightness Obj 17	38	22	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:17:21	2389853382	2389853909	1542
Light tightness Obj 17	38	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:18:23	2389869414	2389870205	1542
Light tightness Obj 17	38	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:18:33	2389871970	2389872761	1542
Light tightness Obj 17	38	25	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:19:08	2389880924	2389881451	1542
Light tightness Obj 17	38	26	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:20:11	2389896954	2389897745	1542
Light tightness Obj 17	38	27	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:20:21	2389899509	2389900300	1542
Light tightness Obj 17	38	28	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:20:56	2389908464	2389908991	1542
Light tightness Obj 17	38	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:21:59	2389924494	2389925285	1542
Light tightness Obj 17	38	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:22:09	2389927049	2389927840	1542
Light tightness Obj 17	38	31	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:22:44	2389936004	2389936531	1542
Light tightness Obj 17	38	32	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:23:46	2389952035	2389952826	1542
Light tightness Obj 17	38	33	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:23:56	2389954591	2389955382	1542
Light tightness Obj 17	38	34	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:24:31	2389963545	2389964072	1542
Light tightness Obj 17	38	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:25:34	2389979577	2389980368	1542
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 20:28:04	2390017976	2390019119	1542
Light tightness Obj 17	22	1	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:28:50	2390029793	2390030320	1542
Light tightness Obj 17	22	2	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:29:53	2390045824	2390046615	1542
Light tightness Obj 17	22	3	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:30:02	2390048377	2390049170	1542
Light tightness Obj 17	22	4	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:30:37	2390057335	2390057862	1542
Light tightness Obj 17	22	5	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:31:40	2390073366	2390074157	1542
Light tightness Obj 17	22	6	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:31:50	2390075920	2390076711	1542
Light tightness Obj 17	22	7	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:32:25	2390084875	2390085402	1542
Light tightness Obj 17	22	8	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:33:28	2390100906	2390101697	1542
Light tightness Obj 17	22	9	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:33:38	2390103462	2390104253	1542
Light tightness Obj 17	22	10	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:34:13	2390112416	2390112943	1542
Light tightness Obj 17	22	11	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:35:15	2390128447	2390129238	1542
Light tightness Obj 17	22	12	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:35:25	2390131002	2390131793	1542
Light tightness Obj 17	22	13	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:36:00	2390139957	2390140484	1542
Light tightness Obj 17	22	14	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:37:03	2390155988	2390156779	1542
Light tightness Obj 17	22	15	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:37:13	2390158544	2390159335	1542
Light tightness Obj 17	22	16	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:37:48	2390167498	2390168025	1542
Light tightness Obj 17	22	17	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:38:50	2390183530	2390184321	1542
Light tightness Obj 17	22	18	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:39:00	2390186085	2390186876	1542
Light tightness Obj 17	22	19	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:39:35	2390195040	2390195567	1542
Light tightness Obj 17	22	20	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:40:38	2390211071	2390211862	1542
Light tightness Obj 17	22	21	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:40:48	2390213625	2390214416	1542
Light tightness Obj 17	22	22	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:41:23	2390222581	2390223108	1542

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Light tightness Obj 17	22	23	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:42:26	2390238611	2390239402	1542
Light tightness Obj 17	22	24	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:42:36	2390241166	2390241957	1542
Light tightness Obj 17	22	25	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:43:11	2390250121	2390250648	1542
Light tightness Obj 17	22	26	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:44:13	2390266153	2390266944	1542
Light tightness Obj 17	22	27	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:44:23	2390268707	2390269498	1542
Light tightness Obj 17	22	28	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:44:58	2390277662	2390278189	1542
Light tightness Obj 17	22	29	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:46:01	2390293639	2390294484	1542
Light tightness Obj 17	22	30	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:46:11	2390296248	2390297039	1542
Light tightness Obj 17	22	31	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:46:46	2390305203	2390305730	1542
Light tightness Obj 17	22	32	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:47:48	2390321236	2390322027	1542
Light tightness Obj 17	22	33	Pre_63	63	Low Data Rate (400 kHz)	16-Jun-2002 20:47:58	2390323791	2390324582	1542
Light tightness Obj 17	22	34	L_33_point	23	Low Data Rate (400 kHz)	16-Jun-2002 20:48:33	2390332746	2390333273	1542
Light tightness Obj 17	22	35	Pre_46	46	Low Data Rate (400 kHz)	16-Jun-2002 20:49:36	2390348776	2390349567	1542
Linearity of pixel-to-pixel gain OBJ 29	48	1	D_WLS_PET_var	20	Low Data Rate (400 kHz)	16-Jun-2002 21:01:08	2390525844	2390527118	1543
Linearity of pixel-to-pixel gain OBJ 29	48	2	WLS_PET_var_1	19	Low Data Rate (400 kHz)	16-Jun-2002 21:03:18	2390559206	2390560480	1543
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 22:08:40	2391563137	2391564280	1543
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 22:34:54	2391966137	2391966664	1544
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 22:35:56	2391982168	2391982695	1544
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 22:36:59	2391998199	2391998726	1544
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 22:38:02	2392014230	2392014757	1544
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	16-Jun-2002 22:39:04	2392030261	2392031052	1544
Pre: Sun Nadir Mirror Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	16-Jun-2002 22:40:22	2392050151	2392050942	1544
Sun Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	16-Jun-2002 22:40:54	2392058483	2392059833	1544
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	16-Jun-2002 22:41:38	2392069672	2392070199	1544
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 22:42:41	2392085704	2392086231	1544
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	16-Jun-2002 22:43:43	2392101734	2392102261	1544
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 22:44:46	2392117765	2392118292	1544
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 22:45:49	2392133796	2392134323	1544
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 22:47:12	2392155189	2392155716	1544
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 22:48:15	2392171220	2392171747	1544
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 22:49:38	2392192611	2392193138	1544
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 22:50:41	2392208642	2392209169	1544
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 22:52:05	2392230034	2392230561	1544
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 22:53:07	2392246065	2392246592	1544
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 22:54:16	2392263617	2392264144	1544
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 22:55:18	2392279647	2392280174	1544
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 22:56:27	2392297198	2392297725	1544
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 22:57:30	2392313229	2392313756	1544
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 22:58:38	2392330781	2392331308	1544
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 22:59:41	2392346812	2392347339	1544
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:00:49	2392364363	2392364890	1544
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:01:52	2392380393	2392380920	1544
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:03:00	2392397944	2392398471	1544
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:04:03	2392413976	2392414503	1544
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:05:12	2392431526	2392432053	1544
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:06:14	2392447558	2392448085	1544
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:07:23	2392465109	2392465636	1544
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 23:08:25	2392481140	2392481667	1544
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:09:34	2392498691	2392499218	1544
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 23:10:37	2392514721	2392515248	1544
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:11:45	2392532272	2392532799	1544
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 23:12:48	2392548303	2392548830	1544
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:13:56	2392565854	2392566381	1544
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 23:14:59	2392581886	2392582413	1544
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:16:08	2392599436	2392599963	1544
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	16-Jun-2002 23:17:10	2392615467	2392615994	1544
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:18:19	2392633018	2392633545	1544
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:19:21	2392649049	2392649576	1544

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	16-Jun-2002 23:20:30	2392666600	2392667127	1544
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:21:33	2392682632	2392683159	1544
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 23:22:41	2392700182	2392700709	1544
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:23:44	2392716213	2392716740	1544
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 23:24:52	2392733765	2392734292	1544
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	16-Jun-2002 23:25:55	2392749795	2392750322	1544
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	16-Jun-2002 23:27:03	2392767346	2392767873	1544
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 23:28:06	2392783377	2392783904	1544
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 23:29:15	2392800929	2392801456	1544
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	16-Jun-2002 23:30:17	2392816960	2392817487	1544
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	16-Jun-2002 23:31:26	2392834510	2392835037	1544
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	16-Jun-2002 23:32:28	2392850541	2392851068	1544
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 23:33:37	2392868092	2392868619	1544
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	16-Jun-2002 23:35:01	2392889484	2392890011	1544
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 23:36:24	2392910876	2392911403	1544
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	16-Jun-2002 23:37:48	2392932269	2392932796	1544
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 23:39:11	2392953661	2392954188	1544
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 23:40:35	2392975052	2392975579	1544
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 23:41:58	2392996444	2392996971	1544
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 23:43:22	2393018737	2393018364	1544
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	16-Jun-2002 23:44:46	2393039229	2393039756	1544
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	16-Jun-2002 23:49:15	2393108301	2393109444	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:50:01	2393120118	2393120645	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:51:25	2393141509	2393142036	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:52:49	2393162901	2393163428	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:54:12	2393184294	2393184821	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:55:36	2393205685	2393206212	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:56:59	2393227078	2393227605	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:58:23	2393248469	2393248996	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	16-Jun-2002 23:59:46	2393269861	2393270388	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:01:10	2393291254	2393291781	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:02:34	2393312646	2393313173	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:03:57	2393334038	2393334565	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:05:21	2393355429	2393355956	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:06:44	2393376822	2393377349	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:08:08	2393398213	2393398740	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:09:31	2393419605	2393420132	1544
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 00:10:55	2393440997	2393441524	1544
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 00:15:30	2393511304	2393511831	1545
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 00:16:32	2393527334	2393527861	1545
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 00:17:35	2393543365	2393543892	1545
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 00:18:37	2393559397	2393559924	1545
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 00:19:40	2393575427	2393576218	1545
Pre: Sun Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	17-Jun-2002 00:20:58	2393595317	2393596108	1545
Sun Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 00:21:30	2393603651	2393605001	1545
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 00:22:14	2393614840	2393615367	1545
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 00:23:17	2393630871	2393631398	1545
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 00:24:19	2393646903	2393647430	1545
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 00:25:22	2393662933	2393663460	1545
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 00:26:45	2393684326	2393684853	1545
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 00:27:48	2393700356	2393700883	1545
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 00:29:12	2393721748	2393722275	1545
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 00:30:14	2393737779	2393738306	1545
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 00:31:38	2393759171	2393759698	1545
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 00:32:40	2393775202	2393775729	1545
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 00:34:04	2393796594	2393797121	1545
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 00:35:07	2393812626	2393813153	1545
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:36:15	2393830176	2393830703	1545
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 00:37:18	2393846207	2393846734	1545

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:38:26	2393863759	2393864286	1545
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 00:39:29	2393879789	2393880316	1545
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:40:37	2393897340	2393897867	1545
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 00:41:40	2393913371	2393913898	1545
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:42:49	2393930922	2393931449	1545
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 00:43:51	2393946954	2393947481	1545
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:45:00	2393964504	2393965031	1545
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 00:46:02	2393980535	2393981062	1545
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:47:11	2393998086	2393998613	1545
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 00:48:14	2394014117	2394014644	1545
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:49:22	2394031669	2394032196	1545
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 00:50:25	2394047700	2394048227	1545
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:51:33	2394065251	2394065778	1545
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 00:52:36	2394081281	2394081808	1545
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:53:45	2394098833	2394099360	1545
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 00:54:47	2394114864	2394115391	1545
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:55:56	2394132414	2394132941	1545
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 00:56:58	2394148446	2394148973	1545
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 00:58:07	2394165996	2394166523	1545
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 00:59:10	2394182027	2394182554	1545
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 01:00:18	2394199578	2394200105	1545
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 01:01:21	2394215609	2394216136	1545
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 01:02:29	2394233162	2394233689	1545
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 01:03:32	2394249191	2394249718	1545
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 01:04:40	2394266742	2394267269	1545
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 01:05:43	2394282723	2394283300	1545
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 01:06:52	2394300325	2394300852	1545
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 01:07:54	2394316358	2394316885	1545
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 01:09:03	2394333907	2394334434	1545
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 01:10:05	2394349937	2394350464	1545
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 01:11:14	2394367488	2394368015	1545
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 01:12:17	2394383519	2394384046	1545
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 01:13:25	2394401071	2394401598	1545
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 01:14:28	2394417102	2394417629	1545
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 01:15:36	2394434652	2394435179	1545
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 01:17:00	2394456044	2394456571	1545
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 01:18:23	2394477436	2394477963	1545
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 01:19:47	2394498828	2394499355	1545
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 01:21:11	2394520220	2394520747	1545
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 01:22:34	2394541612	2394542139	1545
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 01:23:58	2394563004	2394563531	1545
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 01:25:21	2394584397	2394584924	1545
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	17-Jun-2002 01:29:51	2394653475	2394654618	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:30:37	2394665293	2394665820	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:32:01	2394686684	2394687211	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:33:24	2394708077	2394708604	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:34:48	2394729468	2394729995	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:36:12	2394750860	2394751387	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:37:35	2394772254	2394772781	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:38:59	2394793645	2394794172	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:40:22	2394815037	2394815564	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:41:46	2394836428	2394836955	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:43:09	2394857820	2394858347	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:44:33	2394879213	2394879740	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:45:57	2394900605	2394901132	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:47:20	2394921996	2394922523	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:48:44	2394943388	2394943915	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:50:07	2394964781	2394965308	1545
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 01:51:31	2394986172	2394986699	1545
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 01:56:05	2395056465	2395056992	1546
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 01:57:08	2395072496	2395073023	1546

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 01:58:11	2395088527	2395089054	1546
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 01:59:13	2395104559	2395105086	1546
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 02:00:16	2395120589	2395121380	1546
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	17-Jun-2002 02:01:34	2395140479	2395141270	1546
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 02:02:06	2395148822	2395150172	1546
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 02:02:50	2395160010	2395160537	1546
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 02:03:52	2395176042	2395176569	1546
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 02:04:55	2395192073	2395192600	1546
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 02:05:58	2395208104	2395208631	1546
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 02:07:00	2395224135	2395224662	1546
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 02:08:24	2395245526	2395246053	1546
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 02:09:26	2395261557	2395262084	1546
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 02:10:50	2395282950	2395283477	1546
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 02:11:53	2395298980	2395299507	1546
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 02:13:16	2395320373	2395320900	1546
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 02:14:19	2395336403	2395336930	1546
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:15:27	2395353955	2395354482	1546
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 02:16:30	2395369986	2395370513	1546
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:17:39	2395387536	2395388063	1546
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:18:41	2395403568	2395404095	1546
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:19:50	2395421119	2395421646	1546
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:20:52	2395437149	2395437676	1546
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:22:01	2395454700	2395455227	1546
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:23:04	2395470732	2395471259	1546
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:24:12	2395488283	2395488810	1546
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:25:15	2395504313	2395504840	1546
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:26:23	2395521864	2395522391	1546
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:27:26	2395537895	2395538422	1546
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:28:34	2395555446	2395555973	1546
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 02:29:37	2395571477	2395572004	1546
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:30:46	2395589028	2395589555	1546
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 02:31:48	2395605060	2395605587	1546
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:32:57	2395622610	2395623137	1546
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 02:33:59	2395638642	2395639169	1546
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:35:08	2395656193	2395656720	1546
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 02:36:11	2395672224	2395672751	1546
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:37:19	2395689774	2395690301	1546
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 02:38:22	2395705806	2395706333	1546
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:39:30	2395723356	2395723883	1546
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:40:33	2395739388	2395739915	1546
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 02:41:42	2395756938	2395757465	1546
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:42:44	2395772970	2395773497	1546
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 02:43:53	2395790521	2395791048	1546
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:44:55	2395806551	2395807078	1546
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 02:46:04	2395824102	2395824629	1546
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 02:47:07	2395840133	2395840660	1546
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 02:48:15	2395857684	2395858211	1546
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 02:49:18	2395873716	2395874243	1546
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 02:50:26	2395891267	2395891794	1546
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 02:51:29	2395907298	2395907825	1546
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 02:52:37	2395924848	2395925375	1546
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 02:53:40	2395940879	2395941406	1546
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 02:54:49	2395958430	2395958957	1546
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 02:56:12	2395979823	2395980350	1546
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 02:57:36	2396001214	2396001741	1546
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 02:58:59	2396022606	2396023133	1546
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:00:23	2396043999	2396044526	1546
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:01:46	2396065391	2396065918	1546
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:03:10	2396086782	2396087309	1546
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:04:34	2396108174	2396108701	1546
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:05:57	2396129566	2396130093	1546

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	17-Jun-2002 03:10:27	2396198677	2396199820	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:11:13	2396210495	2396211022	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:12:37	2396231887	2396232414	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:14:00	2396253278	2396253805	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:15:24	2396274670	2396275197	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:16:48	2396296062	2396296589	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:18:11	2396317455	2396317982	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:19:35	2396338846	2396339373	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:20:58	2396360239	2396360766	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:22:22	2396381631	2396382158	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:23:45	2396403022	2396403549	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:25:09	2396424415	2396424942	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:26:32	2396445806	2396446333	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:27:56	2396467198	2396467725	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:29:20	2396488590	2396489117	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:30:43	2396509982	2396510509	1546
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 03:32:07	2396531374	2396531901	1546
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 03:36:41	2396601652	2396602179	1547
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 03:37:44	2396617682	2396618209	1547
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 03:38:46	2396633714	2396634241	1547
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 03:39:49	2396649744	2396650271	1547
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 03:40:52	2396665776	2396666567	1547
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	17-Jun-2002 03:42:09	2396685666	2396686457	1547
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 03:42:42	2396694004	2396695354	1547
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 03:43:26	2396705194	2396705721	1547
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 03:44:28	2396721225	2396721752	1547
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 03:45:31	2396737255	2396737782	1547
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:46:34	2396753286	2396753813	1547
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 03:47:57	2396774679	2396775206	1547
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 03:49:00	2396790710	2396791237	1547
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 03:50:23	2396812102	2396812629	1547
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 03:51:26	2396828132	2396828659	1547
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 03:52:49	2396849524	2396850051	1547
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 03:53:52	2396865555	2396866082	1547
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 03:55:16	2396886948	2396887475	1547
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 03:56:18	2396902978	2396903505	1547
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 03:57:27	2396920529	2396921056	1547
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 03:58:29	2396936561	2396937088	1547
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 03:59:38	2396954111	2396954638	1547
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:00:41	2396970143	2396970670	1547
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:01:49	2396987694	2396988221	1547
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:02:52	2397003725	2397004252	1547
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:04:00	2397021275	2397021802	1547
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:05:03	2397037307	2397037834	1547
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:06:12	2397054858	2397055385	1547
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:07:14	2397070889	2397071416	1547
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:08:23	2397088439	2397088966	1547
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:09:25	2397104470	2397104997	1547
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:10:34	2397122021	2397122548	1547
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 04:11:37	2397138053	2397138580	1547
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:12:45	2397155604	2397156131	1547
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 04:13:48	2397171634	2397172161	1547
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:14:56	2397189185	2397189712	1547
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 04:15:59	2397205217	2397205744	1547
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:17:07	2397222768	2397223295	1547
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 04:18:10	2397238798	2397239325	1547
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:19:19	2397256350	2397256877	1547
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 04:20:21	2397272380	2397272907	1547

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:21:30	2397289931	2397290458	1547
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:22:32	2397305963	2397306490	1547
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 04:23:41	2397323514	2397324041	1547
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:24:44	2397339544	2397340071	1547
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 04:25:52	2397357096	2397357623	1547
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:26:55	2397373126	2397373653	1547
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 04:28:03	2397390678	2397391205	1547
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 04:29:06	2397406708	2397407235	1547
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 04:30:15	2397424259	2397424786	1547
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 04:31:17	2397440291	2397440818	1547
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 04:32:26	2397457841	2397458368	1547
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 04:33:28	2397473872	2397474399	1547
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 04:34:37	2397491424	2397491951	1547
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 04:35:40	2397507455	2397507982	1547
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 04:36:48	2397525005	2397525532	1547
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 04:38:12	2397546397	2397546924	1547
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 04:39:35	2397567790	2397568317	1547
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 04:40:59	2397589181	2397589708	1547
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 04:42:22	2397610573	2397611100	1547
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 04:43:46	2397631965	2397632492	1547
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 04:45:09	2397653358	2397653885	1547
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 04:46:33	2397674749	2397675276	1547
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	17-Jun-2002 04:51:03	2397743890	2397745033	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:51:49	2397755708	2397756235	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:53:13	2397777100	2397777627	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:54:36	2397798492	2397799019	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:56:00	2397819884	2397820411	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:57:23	2397841276	2397841803	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 04:58:47	2397862669	2397863196	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:00:11	2397884060	2397884587	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:01:34	2397905453	2397905980	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:02:58	2397926845	2397927372	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:04:21	2397948237	2397948764	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:05:45	2397969628	2397970155	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:07:08	2397991021	2397991548	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:08:32	2398012413	2398012940	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:09:56	2398033804	2398034331	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:11:19	2398055197	2398055724	1547
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 05:12:43	2398076588	2398077115	1547
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 05:17:17	2398146868	2398147395	1548
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 05:18:20	2398162898	2398163425	1548
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 05:19:22	2398178929	2398179456	1548
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 05:20:25	2398194960	2398195487	1548
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 05:21:28	2398210991	2398211782	1548
Pre: Sun Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	17-Jun-2002 05:22:45	2398230883	2398231674	1548
Sun Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 05:23:18	2398239207	2398240557	1548
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 05:24:02	2398250398	2398250925	1548
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 05:25:04	2398266428	2398266955	1548
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 05:26:07	2398282459	2398282986	1548
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 05:27:09	2398298490	2398299017	1548
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 05:28:12	2398314522	2398315049	1548
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 05:29:36	2398335914	2398336441	1548
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 05:30:38	2398351945	2398352472	1548
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 05:32:02	2398373336	2398373863	1548
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 05:33:04	2398389367	2398389894	1548
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 05:34:28	2398410760	2398411287	1548
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 05:35:31	2398426790	2398427317	1548
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:36:39	2398444342	2398444869	1548
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 05:37:42	2398460373	2398460900	1548

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:38:50	2398477923	2398478450	1548
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 05:39:53	2398493954	2398494481	1548
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:41:02	2398511505	2398512032	1548
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 05:42:04	2398527538	2398528065	1548
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:43:13	2398545087	2398545614	1548
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 05:44:15	2398561118	2398561645	1548
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:45:24	2398578669	2398579196	1548
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 05:46:27	2398594700	2398595227	1548
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:47:35	2398612252	2398612779	1548
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 05:48:38	2398628282	2398628809	1548
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:49:46	2398645833	2398646360	1548
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 05:50:49	2398661864	2398662391	1548
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:51:57	2398679416	2398679943	1548
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 05:53:00	2398695447	2398695974	1548
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:54:09	2398712998	2398713525	1548
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 05:55:11	2398729028	2398729555	1548
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:56:20	2398746579	2398747106	1548
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 05:57:22	2398762610	2398763137	1548
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 05:58:31	2398780161	2398780688	1548
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 05:59:34	2398796192	2398796719	1548
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 06:00:42	2398813745	2398814272	1548
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 06:01:45	2398829774	2398830301	1548
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 06:02:53	2398847325	2398847852	1548
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 06:03:56	2398863356	2398863883	1548
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 06:05:05	2398880907	2398881434	1548
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 06:06:07	2398896941	2398897468	1548
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 06:07:16	2398914489	2398915016	1548
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 06:08:18	2398930520	2398931047	1548
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 06:09:27	2398948071	2398948598	1548
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 06:10:30	2398964102	2398964629	1548
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 06:11:38	2398981656	2398982183	1548
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 06:12:41	2398997684	2398998211	1548
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 06:13:49	2399015236	2399015763	1548
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 06:14:52	2399031267	2399031794	1548
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 06:16:00	2399048817	2399049344	1548
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 06:17:24	2399070209	2399070736	1548
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 06:18:48	2399091601	2399092128	1548
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 06:20:11	2399112996	2399113523	1548
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 06:21:35	2399134386	2399134913	1548
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 06:22:58	2399155777	2399156304	1548
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 06:24:22	2399177169	2399177696	1548
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 06:25:45	2399198562	2399199089	1548
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 06:27:09	2399219953	2399220480	1548
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	17-Jun-2002 06:31:39	2399289099	2399290242	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:32:25	2399300916	2399301443	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:33:49	2399322308	2399322835	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:35:12	2399343700	2399344227	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:36:36	2399365092	2399365619	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:37:59	2399386484	2399387011	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:39:23	2399407877	2399408404	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:40:47	2399429268	2399429795	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:42:10	2399450661	2399451188	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:43:34	2399472053	2399472580	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:44:57	2399493445	2399493972	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:46:21	2399514836	2399515363	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:47:44	2399536228	2399536755	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:49:08	2399557621	2399558148	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:50:32	2399579013	2399579540	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:51:55	2399600405	2399600932	1548
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 06:53:19	2399621797	2399622324	1548
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 06:57:53	2399692065	2399692592	1549
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 06:58:56	2399708096	2399708623	1549

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 06:59:58	2399724127	2399724654	1549
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 07:01:01	2399740159	2399740686	1549
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 07:02:04	2399756189	2399756980	1549
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	17-Jun-2002 07:03:21	2399776081	2399776872	1549
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 07:03:54	2399784397	2399785747	1549
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 07:04:38	2399795587	2399796114	1549
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 07:05:40	2399811619	2399812146	1549
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	17-Jun-2002 07:06:43	2399827649	2399828176	1549
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 07:07:45	2399843680	2399844207	1549
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 07:09:09	2399865073	2399865600	1549
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 07:10:12	2399881103	2399881630	1549
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 07:11:35	2399902496	2399903023	1549
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 07:12:38	2399918526	2399919053	1549
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 07:14:01	2399939918	2399940445	1549
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 07:15:04	2399955950	2399956477	1549
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 07:16:28	2399977341	2399977868	1549
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 07:17:30	2399993373	2399993900	1549
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:18:39	2400010923	2400011450	1549
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 07:19:41	2400026955	2400027482	1549
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:20:50	2400044505	2400045032	1549
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:21:52	2400060537	2400061064	1549
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:23:01	2400078087	2400078614	1549
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:24:04	2400094119	2400094646	1549
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:25:12	2400111669	2400112196	1549
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:26:15	2400127701	2400128228	1549
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:27:23	2400145251	2400145778	1549
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:28:26	2400161282	2400161809	1549
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:29:35	2400178834	2400179361	1549
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:30:37	2400194865	2400195392	1549
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:31:46	2400212415	2400212942	1549
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 07:32:48	2400228446	2400228973	1549
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:33:57	2400245997	2400246524	1549
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 07:35:00	2400262028	2400262555	1549
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:36:08	2400279582	2400280109	1549
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 07:37:11	2400295610	2400296137	1549
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:38:19	2400313162	2400313689	1549
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 07:39:22	2400329192	2400329719	1549
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:40:30	2400346743	2400347270	1549
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	17-Jun-2002 07:41:33	2400362776	2400363303	1549
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:42:42	2400380325	2400380852	1549
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:43:44	2400396356	2400396883	1549
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	17-Jun-2002 07:44:53	2400413908	2400414435	1549
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:45:55	2400429938	2400430465	1549
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 07:47:04	2400444879	2400445406	1549
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:48:07	2400463520	2400464047	1549
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 07:49:15	2400481072	2400481599	1549
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	17-Jun-2002 07:50:18	2400497103	2400497630	1549
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	17-Jun-2002 07:51:26	2400514654	2400515181	1549
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 07:52:29	2400530684	2400531211	1549
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 07:53:38	2400548235	2400548762	1549
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	17-Jun-2002 07:54:40	2400564267	2400564794	1549
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	17-Jun-2002 07:55:49	2400581818	2400582345	1549
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	17-Jun-2002 07:56:51	2400597848	2400598375	1549
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 07:58:00	2400615399	2400615926	1549
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	17-Jun-2002 07:59:23	2400636792	2400637319	1549
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 08:00:47	2400658183	2400658710	1549
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	17-Jun-2002 08:02:11	2400679575	2400680102	1549
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 08:03:34	2400700968	2400701495	1549
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 08:04:58	2400722360	2400722887	1549
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 08:06:21	2400743751	2400744278	1549

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	17-Jun-2002 08:07:45	2400765143	2400765670	1549
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	17-Jun-2002 08:12:15	2400834287	2400835430	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:13:01	2400846106	2400846633	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:14:25	2400867497	2400868024	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:15:48	2400888889	2400889416	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:17:12	2400910280	2400910807	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:18:35	2400931672	2400932199	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:19:59	2400953064	2400953591	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:21:22	2400974456	2400974983	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:22:46	2400995848	2400996375	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:24:10	2401017240	2401017767	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:25:33	2401038632	2401039159	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:26:57	2401060024	2401060551	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:28:20	2401081416	2401081943	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:29:44	2401102808	2401103335	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:31:07	2401124200	2401124727	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:32:31	2401145592	2401146119	1549
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	17-Jun-2002 08:33:55	2401166984	2401167511	1549
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 08:38:29	2401237240	2401237767	1550
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 08:39:32	2401253271	2401253798	1550
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 08:40:34	2401269302	2401269829	1550
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	17-Jun-2002 08:41:37	2401285333	2401285860	1550
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	17-Jun-2002 08:42:39	2401301364	2401302155	1550
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	17-Jun-2002 08:43:57	2401321256	2401322047	1550
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	17-Jun-2002 08:44:30	2401329573	2401330923	1550
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1550

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1550
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1550
ADC Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1550
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1550
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1551
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1551
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1551
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1551
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1551
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68		Failed (Instrument safing)			1551
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30		Failed (Instrument safing)			1551

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1		Failed (Instrument safing)			1551
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1		Failed (Instrument safing)			1551
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1551

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1551
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1551
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1552
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1552
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1552
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1552
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1552
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50		Failed (Instrument safing)			1552
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1552

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1552
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1552
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1552
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1552
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1553
SF State OBJ 31/57 State 1	15	1	S_SF_01	9		Failed (Instrument safing)			1554
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1554
SF State OBJ 31/57 State 2	16	1	S_SF_02	10		Failed (Instrument safing)			1555
SF State SS_SF_1 OBJ 33	28	1	SS_SF_1	21		Failed (Instrument safing)			1555
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1555
SF State OBJ 31/57 State 3	17	1	S_SF_03	11		Failed (Instrument safing)			1556
SF State SS_SF_2 OBJ 33	29	1	SS_SF_2	22		Failed (Instrument safing)			1556
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1556
SF State OBJ 31/57 State 4	18	1	S_SF_04	12		Failed (Instrument safing)			1557
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34		Failed (Instrument safing)			1557
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1557
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1558
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28		Failed (Instrument safing)			1559
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28		Failed (Instrument safing)			1559
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28		Failed (Instrument safing)			1559
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28		Failed (Instrument safing)			1559
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1559

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1559
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1559
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1559

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1559
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1559
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28		Failed (Instrument safing)			1560
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28		Failed (Instrument safing)			1560
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28		Failed (Instrument safing)			1560
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28		Failed (Instrument safing)			1560
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5		Failed (Instrument safing)			1560

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1		Failed (Instrument safing)			1560
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1		Failed (Instrument safing)			1560
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1560
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1560
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1561
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28		Failed (Instrument safing)			1562
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28		Failed (Instrument safing)			1562
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28		Failed (Instrument safing)			1562
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28		Failed (Instrument safing)			1562
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1562

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1562
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1562
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1562
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1562
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1563
SF State OBJ 31/57 State 6	34	1	S_SF_11	42		Failed (Instrument safing)			1564
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1564
SF State OBJ 31/57 State 5	19	1	S_SF_05	13		Failed (Instrument safing)			1565
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1565
Internal straylight OBJ 184: S_TCFOV	26	1	S_TCFOV	14		Failed (Instrument safing)			1566
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1566
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1567
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1567

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1567
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1567
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1567
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50		Failed (Instrument safing)			1567
Pre: ESM: Sun_Diffuser (ND in)	8	1	Pre_62	62		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1567

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1567
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1567
ADC Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1567
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1567
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1568
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1568
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1568
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1568
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1568
Pre: Sun Nadir Mirror Calibration (fast sweep scanning)	4	1	Pre_68	68		Failed (Instrument safing)			1568
Pre: ESM: Sun Diffuser (ND in)	8	1	Pre_62	62		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7		Failed (Instrument safing)			1568

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1		Failed (Instrument safing)			1568
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1		Failed (Instrument safing)			1568
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1568
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1568
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1569
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1569
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1569
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1569
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1569
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68		Failed (Instrument safing)			1569
Pre: ASM: Sun_Diffuser	49	1	Bet_ASM_DIF	17		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29		Failed (Instrument safing)			1569

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1		Failed (Instrument safing)			1569
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1		Failed (Instrument safing)			1569
ADC_Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1569

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1569
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1569
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28		Failed (Instrument safing)			1570
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28		Failed (Instrument safing)			1570
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28		Failed (Instrument safing)			1570
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28		Failed (Instrument safing)			1570
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47		Failed (Instrument safing)			1570
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68		Failed (Instrument safing)			1570
Pre: ASM: Sun_Diffuser	49	1	Bet_ASM_DIF	17		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	1	Pre_28	28		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	2	Pre_29	29		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	3	Pre_29	29		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	4	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	5	Pre_30	30		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	6	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	7	Pre_30	30		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	8	Pre_02	2		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	9	Pre_30	30		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	10	Pre_03	3		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	11	Pre_31	31		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	12	Pre_04	4		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	13	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	14	Pre_05	5		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	15	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	16	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	17	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	18	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	19	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	20	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	21	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	22	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	23	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	24	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	25	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	52	26	Pre_07	7		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	1	Pre_60	60		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	2	Pre_07	7		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	3	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	4	Pre_07	7		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	5	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	6	Pre_07	7		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	7	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	8	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	9	Pre_32	32		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	10	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	11	Pre_31	31		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	12	Pre_06	6		Failed (Instrument safing)			1570

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OB T	Expected ISP OB T	In Orbit
Pre: Limb/Nadir Sequence 2	54	13	Pre_31	31		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	14	Pre_06	6		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	15	Pre_31	31		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	16	Pre_05	5		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	17	Pre_30	30		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	18	Pre_05	5		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	19	Pre_30	30		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	20	Pre_04	4		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	21	Pre_03	3		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	22	Pre_03	3		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	23	Pre_02	2		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	24	Pre_02	2		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	25	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	26	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	27	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	28	Pre_01	1		Failed (Instrument safing)			1570
Pre: Limb/Nadir Sequence 2	54	29	Pre_01	1		Failed (Instrument safing)			1570
ADC Calibration	63	1	Pre_65	65		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27		Failed (Instrument safing)			1570
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27		Failed (Instrument safing)			1570
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	18-Jun-2002 21:05:25	2434828430	2434829573	1571
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 21:38:28	2435336161	2435336688	1572
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 21:38:41	2435339632	2435340159	1572
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 21:38:55	2435343102	2435343629	1572
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 21:39:09	2435346574	2435347101	1572
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 21:39:32	2435352604	2435353131	1572
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 21:40:06	2435361196	2435361723	1572
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 21:40:49	2435372346	2435372873	1572
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 21:41:53	2435388617	2435389144	1572
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 21:42:36	2435399768	2435400295	1572
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 21:43:55	2435419880	2435420407	1572
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 21:44:08	2435423351	2435423878	1572
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 21:44:22	2435426821	2435427348	1572
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 21:44:36	2435430292	2435430819	1572
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 21:44:59	2435436324	2435436851	1572
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 21:45:33	2435444915	2435445442	1572
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 21:46:16	2435456065	2435456592	1572
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 21:47:20	2435472326	2435472853	1572
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 21:48:03	2435483488	2435484015	1572
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 21:49:22	2435503599	2435504126	1572
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 21:49:35	2435507069	2435507596	1572
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 21:49:49	2435510540	2435511067	1572
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 21:50:03	2435514012	2435514539	1572
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 21:50:26	2435520042	2435520569	1572
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 21:51:00	2435528633	2435529160	1572
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 21:51:43	2435539784	2435540311	1572
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 21:52:47	2435556056	2435556583	1572
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 21:53:30	2435567207	2435567734	1572

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OB T	Expected ISP OB T	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 21:58:33	2435644566	2435645093	1572
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 21:58:46	2435648036	2435648563	1572
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 21:59:00	2435651507	2435652034	1572
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 21:59:13	2435654979	2435655506	1572
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 21:59:37	2435661009	2435661536	1572
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:00:10	2435669600	2435670127	1572
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:00:54	2435680751	2435681278	1572
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:01:58	2435697023	2435697550	1572
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:02:41	2435708173	2435708700	1572
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:04:00	2435728285	2435728812	1572
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:04:13	2435731755	2435732282	1572
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:04:27	2435735226	2435735753	1572
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:04:40	2435738698	2435739225	1572
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:05:04	2435744729	2435745256	1572
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:05:37	2435753320	2435753847	1572
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:06:21	2435764470	2435764997	1572
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:07:25	2435780742	2435781269	1572
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:08:08	2435791893	2435792420	1572
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:09:27	2435812004	2435812531	1572
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:09:40	2435815474	2435816001	1572
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:09:54	2435818946	2435819473	1572
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:10:07	2435822416	2435822943	1572
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:10:31	2435828447	2435828974	1572
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:11:04	2435837039	2435837566	1572
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:11:48	2435848189	2435848716	1572
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:12:52	2435864461	2435864988	1572
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:13:35	2435875611	2435876138	1572
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:14:58	2435896738	2435897265	1572
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:15:11	2435900207	2435900734	1572
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:15:25	2435903678	2435904205	1572
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:15:38	2435907149	2435907676	1572
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:16:02	2435913180	2435913707	1572
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:16:35	2435921772	2435922299	1572
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:17:19	2435932922	2435933449	1572
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:18:23	2435949194	2435949721	1572
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:19:06	2435960344	2435960871	1572
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:20:25	2435980456	2435980983	1572
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:20:38	2435983926	2435984453	1572
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:20:52	2435987397	2435987924	1572
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:21:05	2435990868	2435991395	1572
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:21:29	2435996899	2435997426	1572
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:22:02	2436005490	2436006017	1572
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:22:46	2436016641	2436017168	1572
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:23:50	2436032913	2436033440	1572
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:24:33	2436044063	2436044590	1572
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:25:52	2436064174	2436064701	1572
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:26:05	2436067645	2436068172	1572
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:26:19	2436071117	2436071644	1572
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:26:32	2436074587	2436075114	1572
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:26:56	2436080618	2436081145	1572
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:27:29	2436089210	2436089737	1572
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:28:13	2436100360	2436100887	1572
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:29:17	2436116631	2436117158	1572
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:30:00	2436127783	2436128310	1572
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:31:23	2436148909	2436149436	1572
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:31:36	2436152379	2436152906	1572
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:31:50	2436155850	2436156377	1572
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:32:03	2436159322	2436159849	1572
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:32:27	2436165352	2436165879	1572
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:33:00	2436173944	2436174471	1572
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:33:44	2436185094	2436185621	1572
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:34:48	2436201365	2436201892	1572
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:35:31	2436212516	2436213043	1572
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:36:50	2436232627	2436233154	1572

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:37:03	2436236098	2436236625	1572
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:37:17	2436239570	2436240097	1572
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:37:30	2436243041	2436243568	1572
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:37:54	2436249071	2436249598	1572
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:38:28	2436257663	2436258190	1572
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:39:11	2436268813	2436269340	1572
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:40:15	2436285058	2436285612	1572
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:40:58	2436296236	2436296763	1572
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	18-Jun-2002 22:46:00	2436373593	2436374736	1572
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:46:47	2436385411	2436385938	1572
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:47:00	2436388882	2436389409	1572
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:47:14	2436392353	2436392880	1572
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:47:27	2436395824	2436396351	1572
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:47:51	2436401855	2436402382	1572
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:48:24	2436410446	2436410973	1572
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:49:08	2436421597	2436422124	1572
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:50:11	2436437870	2436438397	1572
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:50:55	2436449019	2436449546	1572
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:52:14	2436469130	2436469657	1572
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:52:27	2436472601	2436473128	1572
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:52:41	2436476072	2436476599	1572
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:52:54	2436479543	2436480070	1572
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:53:18	2436485575	2436486102	1572
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:53:51	2436494167	2436494694	1572
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 22:54:35	2436505316	2436505843	1572
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 22:55:38	2436521587	2436522114	1572
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 22:56:22	2436532739	2436533266	1572
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 22:57:41	2436552849	2436553376	1572
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 22:57:54	2436556320	2436556847	1572
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 22:58:08	2436559791	2436560318	1572
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 22:58:21	2436563262	2436563789	1572
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 22:58:45	2436569293	2436569820	1572
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 22:59:18	2436577887	2436578414	1572
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:00:02	2436589035	2436589562	1572
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:01:05	2436605306	2436605833	1572
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:01:49	2436616457	2436616984	1572
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:19:04	2436881330	2436881857	1573
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:19:17	2436884802	2436885329	1573
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:19:31	2436888272	2436888799	1573
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:19:44	2436891744	2436892271	1573
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:20:08	2436897774	2436898301	1573
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:20:41	2436906365	2436906892	1573
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:21:25	2436917516	2436918043	1573
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:22:29	2436933788	2436934315	1573
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:23:12	2436944938	2436945465	1573
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:24:31	2436965050	2436965577	1573
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:24:44	2436968521	2436969048	1573
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:24:58	2436971991	2436972518	1573
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:25:11	2436975463	2436975990	1573
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:25:35	2436981493	2436982020	1573
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:26:09	2436990084	2436990611	1573
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:26:52	2437001235	2437001762	1573
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:27:56	2437017506	2437018033	1573
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:28:39	2437028658	2437029185	1573
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:29:58	2437048768	2437049295	1573
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:30:11	2437052240	2437052767	1573
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:30:25	2437055710	2437056237	1573
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:30:38	2437059181	2437059708	1573
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:31:02	2437065212	2437065739	1573
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:31:36	2437073803	2437074330	1573
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:32:19	2437084954	2437085481	1573
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:33:23	2437101225	2437101752	1573
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:34:06	2437112377	2437112904	1573
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:39:08	2437189734	2437190261	1573

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:39:22	2437193204	2437193731	1573
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:39:36	2437196675	2437197202	1573
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:39:49	2437200146	2437200673	1573
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:40:13	2437206177	2437206704	1573
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:40:46	2437214769	2437215296	1573
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:41:30	2437225919	2437226446	1573
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:42:33	2437242191	2437242718	1573
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:43:17	2437253341	2437253868	1573
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:44:35	2437273452	2437273979	1573
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:44:49	2437276923	2437277450	1573
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:45:03	2437280394	2437280921	1573
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:45:16	2437283866	2437284393	1573
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:45:40	2437289896	2437290423	1573
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:46:13	2437298488	2437299015	1573
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:46:57	2437309639	2437310166	1573
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:48:00	2437325910	2437326437	1573
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:48:44	2437337060	2437337587	1573
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:50:02	2437357171	2437357698	1573
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:50:16	2437360643	2437361170	1573
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:50:30	2437364113	2437364640	1573
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:50:43	2437367585	2437368112	1573
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:51:07	2437373615	2437374142	1573
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:51:40	2437382206	2437382733	1573
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:52:24	2437393358	2437393885	1573
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:53:27	2437409629	2437410156	1573
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:54:11	2437420779	2437421306	1573
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	18-Jun-2002 23:55:33	2437441905	2437442432	1573
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	18-Jun-2002 23:55:47	2437445376	2437445903	1573
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	18-Jun-2002 23:56:01	2437448848	2437449375	1573
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	18-Jun-2002 23:56:14	2437452319	2437452846	1573
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	18-Jun-2002 23:56:38	2437458350	2437458877	1573
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	18-Jun-2002 23:57:11	2437466940	2437467467	1573
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	18-Jun-2002 23:57:55	2437478092	2437478619	1573
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	18-Jun-2002 23:58:58	2437494363	2437494890	1573
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	18-Jun-2002 23:59:42	2437505513	2437506040	1573
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:01:00	2437525624	2437526151	1573
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:01:14	2437529095	2437529622	1573
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:01:28	2437532566	2437533093	1573
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:01:41	2437536038	2437536565	1573
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:02:05	2437542068	2437542595	1573
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:02:38	2437550659	2437551186	1573
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:03:22	2437556180	2437556707	1573
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:04:25	2437578082	2437578609	1573
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:05:09	2437589233	2437589760	1573
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:06:28	2437609343	2437609870	1573
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:06:41	2437612816	2437613343	1573
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:06:55	2437616285	2437616812	1573
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:07:08	2437619756	2437620283	1573
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:07:32	2437625787	2437626314	1573
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:08:05	2437634378	2437634905	1573
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:08:49	2437645529	2437646056	1573
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:09:52	2437661800	2437662327	1573
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:10:36	2437672951	2437673478	1573
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:11:58	2437694076	2437694603	1573
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:12:12	2437697548	2437698075	1573
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:12:26	2437701018	2437701545	1573
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:12:39	2437704489	2437705016	1573
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:13:03	2437710521	2437711048	1573
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:13:36	2437719111	2437719638	1573
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:14:20	2437730262	2437730789	1573
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:15:23	2437746534	2437747061	1573
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:16:07	2437757685	2437758212	1573
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:17:26	2437777796	2437778323	1573
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:17:39	2437781267	2437781794	1573

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:17:53	2437784737	2437785264	1573
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:18:06	2437788208	2437788735	1573
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:18:30	2437794239	2437794766	1573
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:19:03	2437802831	2437803358	1573
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:19:47	2437813981	2437814508	1573
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:20:50	2437830252	2437830779	1573
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:21:34	2437841403	2437841930	1573
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 00:26:36	2437918762	2437919905	1573
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:27:22	2437930580	2437931107	1573
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:27:36	2437934050	2437934577	1573
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:27:49	2437937522	2437938049	1573
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:28:03	2437940993	2437941520	1573
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:28:27	2437947023	2437947550	1573
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:29:00	2437955615	2437956142	1573
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:29:44	2437966765	2437967292	1573
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:30:47	2437983036	2437983563	1573
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:31:31	2437994187	2437994714	1573
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:32:49	2438014299	2438014826	1573
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:33:03	2438017769	2438018296	1573
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:33:16	2438021240	2438021767	1573
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:33:30	2438024712	2438025239	1573
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:33:54	2438030743	2438031270	1573
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:34:27	2438039334	2438039861	1573
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:35:11	2438050484	2438051011	1573
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:36:14	2438066755	2438067282	1573
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:36:58	2438077906	2438078433	1573
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:38:16	2438098019	2438098546	1573
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:38:30	2438101489	2438102016	1573
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 00:38:44	2438104960	2438105487	1573
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 00:38:57	2438108430	2438108957	1573
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 00:39:21	2438114461	2438114988	1573
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 00:39:54	2438123052	2438123579	1573
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 00:40:38	2438134203	2438134730	1573
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 00:41:41	2438150475	2438151002	1573
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 00:42:25	2438161625	2438162152	1573
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 00:59:40	2438426496	2438427023	1574
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 00:59:53	2438429968	2438430495	1574
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:00:07	2438433438	2438433965	1574
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:00:20	2438436910	2438437437	1574
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:00:44	2438442940	2438443467	1574
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:01:17	2438451532	2438452059	1574
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:02:01	2438462683	2438463210	1574
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:03:04	2438478953	2438479480	1574
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:03:48	2438490104	2438490631	1574
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:05:07	2438510216	2438510743	1574
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:05:20	2438513688	2438514215	1574
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:05:34	2438517157	2438517684	1574
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:05:47	2438520628	2438521155	1574
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:06:11	2438526659	2438527186	1574
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:06:44	2438535251	2438535778	1574
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:07:28	2438546402	2438546929	1574
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:08:31	2438562672	2438563199	1574
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:09:15	2438573823	2438574350	1574
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:10:34	2438593934	2438594461	1574
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:10:47	2438597406	2438597933	1574
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:11:01	2438600876	2438601403	1574
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:11:14	2438604348	2438604875	1574
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:11:38	2438610378	2438610905	1574
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:12:11	2438618970	2438619497	1574
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:12:55	2438630121	2438630648	1574
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:13:58	2438646391	2438646918	1574
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:14:42	2438657542	2438658069	1574
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:19:44	2438734912	2438735439	1574
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:19:58	2438738384	2438738911	1574

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:20:11	2438741855	2438742382	1574
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:20:25	2438745325	2438745852	1574
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:20:48	2438751356	2438751883	1574
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:21:22	2438759948	2438760475	1574
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:22:06	2438771098	2438771625	1574
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:23:09	2438787369	2438787896	1574
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:23:53	2438798520	2438799047	1574
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:25:11	2438818631	2438819158	1574
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:25:25	2438822103	2438822630	1574
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:25:38	2438825574	2438826101	1574
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:25:52	2438829044	2438829571	1574
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:26:16	2438835076	2438835603	1574
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:26:49	2438843666	2438844193	1574
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:27:33	2438854817	2438855344	1574
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:28:36	2438871088	2438871615	1574
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:29:20	2438882239	2438882766	1574
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:30:38	2438902351	2438902878	1574
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:30:52	2438905821	2438906348	1574
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:31:05	2438909292	2438909819	1574
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:31:19	2438912763	2438913290	1574
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:31:43	2438918794	2438919321	1574
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:32:16	2438927386	2438927913	1574
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:33:00	2438938536	2438939063	1574
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:34:03	2438954807	2438955334	1574
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:34:47	2438965959	2438966486	1574
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:36:09	2438987085	2438987612	1574
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:36:23	2438990555	2438991082	1574
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:36:36	2438994026	2438994553	1574
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:36:50	2438997497	2438998024	1574
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:37:14	2439003528	2439004055	1574
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:37:47	2439012119	2439012646	1574
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:38:31	2439023271	2439023798	1574
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:39:34	2439039541	2439040068	1574
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:40:18	2439050693	2439051220	1574
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:41:36	2439070804	2439071331	1574
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:41:50	2439074275	2439074802	1574
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:42:03	2439077745	2439078272	1574
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:42:17	2439081216	2439081743	1574
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:42:41	2439087247	2439087774	1574
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:43:14	2439095838	2439096365	1574
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:43:58	2439106989	2439107516	1574
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:45:01	2439123260	2439123787	1574
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:45:45	2439134411	2439134938	1574
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:47:03	2439154523	2439155050	1574
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:47:17	2439157993	2439158520	1574
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:47:30	2439161465	2439161992	1574
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:47:44	2439164935	2439165462	1574
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:48:08	2439170967	2439171494	1574
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:48:41	2439179557	2439180084	1574
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:49:25	2439190708	2439191235	1574
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:50:28	2439206980	2439207507	1574
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:51:12	2439218130	2439218657	1574
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:52:34	2439239257	2439239784	1574
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:52:48	2439242728	2439243255	1574
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:53:01	2439246198	2439246725	1574
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:53:15	2439249669	2439250196	1574
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:53:39	2439255700	2439256227	1574
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:54:12	2439264291	2439264818	1574
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 01:54:56	2439275443	2439275970	1574
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 01:55:59	2439291714	2439292241	1574
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 01:56:43	2439302865	2439303392	1574
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 01:58:01	2439322975	2439323502	1574
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 01:58:15	2439326446	2439326973	1574
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 01:58:28	2439329917	2439330444	1574

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 01:58:42	2439333388	2439333915	1574
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 01:59:06	2439339419	2439339946	1574
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 01:59:39	2439348011	2439348538	1574
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:00:23	2439359162	2439359689	1574
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:01:26	2439375433	2439375960	1574
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:02:10	2439386583	2439387110	1574
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 02:07:12	2439463953	2439465096	1574
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:07:58	2439475771	2439476298	1574
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:08:12	2439479242	2439479769	1574
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:08:25	2439482714	2439483241	1574
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:08:39	2439486184	2439486711	1574
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:09:02	2439492215	2439492742	1574
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:09:36	2439500806	2439501333	1574
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:10:20	2439511958	2439512485	1574
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:11:23	2439528228	2439528755	1574
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:12:07	2439539380	2439539907	1574
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:13:25	2439559491	2439560018	1574
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:13:39	2439562961	2439563488	1574
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:13:52	2439566432	2439566959	1574
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:14:06	2439569903	2439570430	1574
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:14:29	2439575934	2439576461	1574
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:15:03	2439584525	2439585052	1574
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:15:47	2439595677	2439596204	1574
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:16:50	2439611948	2439612475	1574
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:17:34	2439623098	2439623625	1574
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:18:52	2439643210	2439643737	1574
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:19:06	2439646680	2439647207	1574
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:19:19	2439650151	2439650678	1574
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:19:33	2439653622	2439654149	1574
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:19:57	2439659653	2439660180	1574
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:20:30	2439668244	2439668771	1574
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:21:14	2439679396	2439679923	1574
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:22:17	2439695667	2439696194	1574
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:23:01	2439706817	2439707344	1574
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:23:01	2439706817	2439707344	1574
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:40:15	2439971668	2439972195	1575
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:40:29	2439975138	2439975665	1575
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:40:42	2439978609	2439979136	1575
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:40:56	2439982081	2439982608	1575
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:41:20	2439988112	2439988639	1575
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:41:53	2439996702	2439997229	1575
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:42:37	2440007853	2440008380	1575
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:43:40	2440024125	2440024652	1575
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:44:24	2440035276	2440035803	1575
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:45:42	2440055387	2440055914	1575
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:45:56	2440058857	2440059384	1575
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:46:09	2440062329	2440062856	1575
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:46:23	2440065800	2440066327	1575
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:46:47	2440071830	2440072357	1575
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:47:20	2440080422	2440080949	1575
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:48:04	2440091573	2440092100	1575
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:49:07	2440107844	2440108371	1575
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:49:51	2440118994	2440119521	1575
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 02:51:09	2440139105	2440139632	1575
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 02:51:23	2440142576	2440143103	1575
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 02:51:37	2440146048	2440146575	1575
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 02:51:50	2440149518	2440150045	1575
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 02:52:14	2440155549	2440156076	1575
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 02:52:47	2440164140	2440164667	1575
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 02:53:31	2440175291	2440175818	1575
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 02:54:34	2440191563	2440192090	1575
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 02:55:18	2440202713	2440203240	1575
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:00:20	2440280104	2440280631	1575
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:00:34	2440283575	2440284102	1575

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:00:47	2440287047	2440287574	1575
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:01:01	2440290517	2440291044	1575
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:01:24	2440296549	2440297076	1575
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:01:58	2440305139	2440305666	1575
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:02:42	2440316290	2440316817	1575
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:03:45	2440332561	2440333088	1575
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:04:29	2440343712	2440344239	1575
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:05:47	2440363823	2440364350	1575
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:06:01	2440367294	2440367821	1575
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:06:14	2440370766	2440371293	1575
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:06:28	2440374236	2440374763	1575
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:06:51	2440380268	2440380795	1575
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:07:25	2440388858	2440389385	1575
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:08:09	2440400009	2440400536	1575
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:09:12	2440416280	2440416807	1575
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:09:56	2440427431	2440427958	1575
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:11:14	2440447542	2440448069	1575
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:11:28	2440451013	2440451540	1575
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:11:41	2440454485	2440455012	1575
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:11:55	2440457955	2440458482	1575
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:12:18	2440463987	2440464514	1575
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:12:52	2440472577	2440473104	1575
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:13:36	2440483728	2440484255	1575
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:14:39	2440500000	2440500527	1575
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:15:23	2440511150	2440511677	1575
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:16:45	2440532276	2440532803	1575
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:16:59	2440535746	2440536273	1575
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:17:12	2440539218	2440539745	1575
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:17:26	2440542688	2440543215	1575
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:17:49	2440548720	2440549247	1575
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:18:23	2440557310	2440557837	1575
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:19:07	2440568461	2440568988	1575
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:20:10	2440584733	2440585260	1575
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:20:54	2440595883	2440596410	1575
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:22:12	2440615995	2440616522	1575
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:22:26	2440619466	2440619993	1575
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:22:39	2440622937	2440623464	1575
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:22:53	2440626407	2440626934	1575
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:23:16	2440632438	2440632965	1575
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:23:50	2440641029	2440641556	1575
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:24:34	2440652181	2440652708	1575
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:25:37	2440668451	2440668978	1575
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:26:21	2440679602	2440680129	1575
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:27:39	2440699714	2440700241	1575
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:27:53	2440703184	2440703711	1575
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:28:06	2440706656	2440707183	1575
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:28:20	2440710126	2440710653	1575
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:28:43	2440716157	2440716684	1575
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:29:17	2440724749	2440725276	1575
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:30:01	2440735899	2440736426	1575
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:31:04	2440752171	2440752698	1575
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:31:48	2440763321	2440763848	1575
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:33:10	2440784448	2440784975	1575
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:33:24	2440787918	2440788445	1575
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:33:37	2440791390	2440791917	1575
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:33:51	2440794860	2440795387	1575
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:34:14	2440800892	2440801419	1575
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:34:48	2440809482	2440810009	1575
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:35:32	2440820633	2440821160	1575
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:36:35	2440836904	2440837431	1575
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:37:19	2440848055	2440848582	1575
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:38:37	2440868169	2440868696	1575
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:38:51	2440871637	2440872164	1575
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:39:04	2440875108	2440875635	1575

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:39:18	2440878579	2440879106	1575
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:39:42	2440884610	2440885137	1575
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:40:15	2440893201	2440893728	1575
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:40:59	2440904353	2440904880	1575
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:42:02	2440920624	2440921151	1575
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:42:46	2440931775	2440932302	1575
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 03:47:48	2441009164	2441010307	1575
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:48:34	2441020984	2441021511	1575
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:48:48	2441024453	2441024980	1575
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:49:01	2441027924	2441028451	1575
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:49:15	2441031395	2441031922	1575
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:49:38	2441037426	2441037953	1575
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:50:12	2441046017	2441046544	1575
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:50:56	2441057168	2441057695	1575
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:51:59	2441073439	2441073966	1575
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:52:43	2441084591	2441085118	1575
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:54:01	2441104703	2441105230	1575
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:54:15	2441108172	2441108699	1575
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:54:28	2441111643	2441112170	1575
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 03:54:42	2441115114	2441115641	1575
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 03:55:05	2441121145	2441121672	1575
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 03:55:39	2441129736	2441130263	1575
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 03:56:23	2441140887	2441141414	1575
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 03:57:26	2441157158	2441157685	1575
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 03:58:10	2441168309	2441168836	1575
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 03:59:28	2441188422	2441188949	1575
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 03:59:42	2441191892	2441192419	1575
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 03:59:55	2441195362	2441195889	1575
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:00:09	2441198833	2441199360	1575
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:00:33	2441204865	2441205392	1575
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:01:06	2441213455	2441213982	1575
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:01:50	2441224606	2441225133	1575
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:02:53	2441240878	2441241405	1575
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:03:37	2441252028	2441252555	1575
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:20:51	2441516877	2441517404	1576
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:21:05	2441520347	2441520874	1576
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:21:18	2441523818	2441524345	1576
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:21:32	2441527289	2441527816	1576
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:21:56	2441533320	2441533847	1576
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:22:29	2441541912	2441542439	1576
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:23:13	2441553062	2441553589	1576
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:24:16	2441569334	2441569861	1576
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:25:00	2441580484	2441581011	1576
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:26:18	2441600596	2441601123	1576
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:26:32	2441604066	2441604593	1576
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:26:45	2441607537	2441608064	1576
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:26:59	2441611008	2441611535	1576
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:27:23	2441617039	2441617566	1576
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:27:56	2441625632	2441626159	1576
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:28:40	2441636782	2441637309	1576
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:29:43	2441653052	2441653579	1576
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:30:27	2441664203	2441664730	1576
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:31:45	2441684314	2441684841	1576
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:31:59	2441687785	2441688312	1576
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:32:12	2441691256	2441691783	1576
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:32:26	2441694728	2441695255	1576
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:32:50	2441700759	2441701286	1576
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:33:23	2441709350	2441709877	1576
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:34:07	2441720500	2441721027	1576
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:35:10	2441736772	2441737299	1576
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:35:54	2441747922	2441748449	1576
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:40:56	2441825316	2441825843	1576
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:41:10	2441828787	2441829314	1576
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:41:23	2441832259	2441832786	1576

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:41:37	2441835729	2441836256	1576
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:42:00	2441841760	2441842287	1576
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:42:34	2441850351	2441850878	1576
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:43:17	2441861502	2441862029	1576
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:44:21	2441877774	2441878301	1576
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:45:05	2441888924	2441889451	1576
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:46:23	2441909035	2441909562	1576
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:46:37	2441912506	2441913033	1576
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:46:50	2441915978	2441916505	1576
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:47:04	2441919448	2441919975	1576
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:47:27	2441925480	2441926007	1576
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:48:01	2441934070	2441934597	1576
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:48:45	2441945221	2441945748	1576
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:49:48	2441961493	2441962020	1576
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:50:32	2441972644	2441973171	1576
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:51:50	2441992755	2441993282	1576
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:52:04	2441996225	2441996752	1576
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:52:17	2441999696	2442000223	1576
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:52:31	2442003167	2442003694	1576
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:52:54	2442009198	2442009725	1576
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:53:28	2442017790	2442018317	1576
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:54:12	2442028940	2442029467	1576
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 04:55:15	2442045211	2442045738	1576
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 04:55:59	2442056362	2442056889	1576
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 04:57:21	2442077489	2442078016	1576
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 04:57:35	2442080959	2442081486	1576
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 04:57:48	2442084430	2442084957	1576
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 04:58:02	2442087901	2442088428	1576
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 04:58:25	2442093932	2442094459	1576
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 04:58:59	2442102524	2442103051	1576
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 04:59:43	2442113674	2442114201	1576
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:00:46	2442129945	2442130472	1576
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:01:30	2442141096	2442141623	1576
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:02:48	2442161207	2442161734	1576
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:03:02	2442164678	2442165205	1576
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:03:15	2442168149	2442168676	1576
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:03:29	2442171620	2442172147	1576
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:03:52	2442177651	2442178178	1576
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:04:26	2442186243	2442186770	1576
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:05:10	2442197393	2442197920	1576
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:06:13	2442213665	2442214192	1576
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:06:57	2442224815	2442225342	1576
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:08:15	2442244926	2442245453	1576
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:08:29	2442248397	2442248924	1576
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:08:42	2442251868	2442252395	1576
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:08:56	2442255339	2442255866	1576
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:09:19	2442261371	2442261898	1576
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:09:53	2442269962	2442270489	1576
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:10:37	2442281112	2442281639	1576
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:11:40	2442297383	2442297910	1576
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:12:24	2442308534	2442309061	1576
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:13:46	2442329661	2442330188	1576
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:14:00	2442333132	2442333659	1576
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:14:13	2442336603	2442337130	1576
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:14:27	2442340074	2442340601	1576
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:14:50	2442346104	2442346631	1576
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:15:24	2442354695	2442355222	1576
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:16:08	2442365847	2442366374	1576
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:17:11	2442382117	2442382644	1576
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:17:55	2442393268	2442393795	1576
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:19:13	2442413380	2442413907	1576
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:19:27	2442416850	2442417377	1576
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:19:40	2442420321	2442420848	1576
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:19:54	2442423793	2442424320	1576

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:20:17	2442429823	2442430350	1576
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:20:51	2442438414	2442438941	1576
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:21:35	2442449565	2442450092	1576
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:22:38	2442465836	2442466363	1576
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:23:22	2442476987	2442477514	1576
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 05:28:24	2442554381	2442555524	1576
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:29:10	2442566200	2442566727	1576
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:29:24	2442569670	2442570197	1576
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:29:37	2442573141	2442573668	1576
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:29:51	2442576613	2442577140	1576
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:30:14	2442582643	2442583170	1576
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:30:48	2442591234	2442591761	1576
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:31:32	2442602385	2442602912	1576
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:32:35	2442618656	2442619183	1576
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:33:19	2442629807	2442630334	1576
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:34:37	2442649919	2442650446	1576
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:34:51	2442653390	2442653917	1576
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:35:04	2442656860	2442657387	1576
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:35:18	2442660331	2442660858	1576
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:35:41	2442666362	2442666889	1576
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:36:15	2442674953	2442675480	1576
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:36:59	2442686105	2442686632	1576
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:38:02	2442702375	2442702902	1576
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:38:46	2442713526	2442714053	1576
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 05:40:04	2442733638	2442734165	1576
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 05:40:18	2442737109	2442737636	1576
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 05:40:31	2442740579	2442741106	1576
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 05:40:45	2442744051	2442744578	1576
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 05:41:09	2442750081	2442750608	1576
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 05:41:42	2442758672	2442759199	1576
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 05:42:26	2442769823	2442770350	1576
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 05:43:29	2442786095	2442786622	1576
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 05:44:13	2442797245	2442797772	1576
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:01:27	2443062090	2443062617	1577
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:01:41	2443065561	2443066088	1577
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:01:54	2443069032	2443069559	1577
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:02:08	2443072503	2443073030	1577
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:02:32	2443078534	2443079061	1577
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:03:05	2443087125	2443087652	1577
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:03:49	2443098276	2443098803	1577
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:04:52	2443114548	2443115075	1577
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:05:36	2443125698	2443126225	1577
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:06:54	2443145810	2443146337	1577
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:07:08	2443149281	2443149808	1577
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:07:21	2443152751	2443153278	1577
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:07:35	2443156222	2443156749	1577
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:07:59	2443162253	2443162780	1577
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:08:32	2443170844	2443171371	1577
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:09:16	2443181996	2443182523	1577
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:10:19	2443198267	2443198794	1577
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:11:03	2443209418	2443209945	1577
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:12:21	2443229529	2443230056	1577
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:12:35	2443232999	2443233526	1577
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:12:48	2443236470	2443236997	1577
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:13:02	2443239941	2443240468	1577
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:13:26	2443245972	2443246499	1577
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:13:59	2443254563	2443255090	1577
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:14:43	2443265714	2443266241	1577
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:15:46	2443281986	2443282513	1577
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:16:30	2443293136	2443293663	1577
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:21:32	2443370526	2443371053	1577
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:21:46	2443373998	2443374525	1577
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:21:59	2443377469	2443377996	1577
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:22:13	2443380939	2443381466	1577

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Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:22:36	2443386970	2443387497	1577
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:23:10	2443395561	2443396088	1577
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:23:53	2443406712	2443407239	1577
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:24:57	2443422983	2443423510	1577
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:25:41	2443434134	2443434661	1577
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:26:59	2443454245	2443454772	1577
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:27:13	2443457717	2443458244	1577
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:27:26	2443461187	2443461714	1577
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:27:40	2443464658	2443465185	1577
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:28:03	2443470689	2443471216	1577
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:28:37	2443479280	2443479807	1577
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:29:20	2443490431	2443490958	1577
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:30:24	2443506703	2443507230	1577
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:31:08	2443517854	2443518381	1577
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:32:26	2443537965	2443538492	1577
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:32:40	2443541435	2443541962	1577
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:32:53	2443544906	2443545433	1577
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:33:07	2443548377	2443548904	1577
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:33:30	2443554408	2443554935	1577
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:34:04	2443562999	2443563526	1577
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:34:48	2443574150	2443574677	1577
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:35:51	2443590422	2443590949	1577
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:36:35	2443601572	2443602099	1577
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:37:57	2443622699	2443623226	1577
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:38:11	2443626169	2443626696	1577
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:38:24	2443629640	2443630167	1577
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:38:38	2443633111	2443633638	1577
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:39:01	2443639142	2443639669	1577
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:39:35	2443647734	2443648261	1577
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:40:19	2443658884	2443659411	1577
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:41:22	2443675155	2443675682	1577
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:42:06	2443686307	2443686834	1577
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:43:24	2443706418	2443706945	1577
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:43:38	2443709888	2443710415	1577
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:43:51	2443713359	2443713886	1577
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:44:05	2443716830	2443717357	1577
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:44:28	2443722861	2443723388	1577
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:45:02	2443731452	2443731979	1577
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:45:46	2443742604	2443743131	1577
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:46:49	2443758874	2443759401	1577
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:47:33	2443770025	2443770552	1577
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:48:51	2443790137	2443790664	1577
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:49:05	2443793607	2443794134	1577
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:49:18	2443797078	2443797605	1577
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:49:32	2443800549	2443801076	1577
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:49:55	2443806580	2443807107	1577
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:50:29	2443815172	2443815699	1577
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:51:13	2443826323	2443826850	1577
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:52:16	2443842593	2443843120	1577
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:53:00	2443853744	2443854271	1577
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:54:22	2443874870	2443875397	1577
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 06:54:36	2443878341	2443878868	1577
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 06:54:49	2443881811	2443882338	1577
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 06:55:03	2443885282	2443885809	1577
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 06:55:26	2443891313	2443891840	1577
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 06:56:00	2443899904	2443900431	1577
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 06:56:44	2443911056	2443911583	1577
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 06:57:47	2443927326	2443927853	1577
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 06:58:31	2443938477	2443939004	1577
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 06:59:49	2443958589	2443959116	1577
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:00:03	2443962059	2443962586	1577
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:00:16	2443965530	2443966057	1577
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:00:30	2443969001	2443969528	1577
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:00:53	2443975032	2443975559	1577

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OB T	Expected ISP OB T	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:01:27	2443983624	2443984151	1577
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:02:11	2443994774	2443995301	1577
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:03:14	2444011046	2444011573	1577
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:03:58	2444022196	2444022723	1577
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 07:09:00	2444099586	2444100729	1577
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:09:46	2444111405	2444111932	1577
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:10:00	2444114875	2444115402	1577
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:10:13	2444118346	2444118873	1577
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:10:27	2444121817	2444122344	1577
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:10:50	2444127848	2444128375	1577
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:11:24	2444136439	2444136966	1577
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:12:08	2444147591	2444148118	1577
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:13:11	2444163861	2444164388	1577
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:13:55	2444175012	2444175539	1577
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:15:13	2444195124	2444195651	1577
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:15:27	2444198594	2444199121	1577
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:15:40	2444202065	2444202592	1577
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:15:54	2444205536	2444206063	1577
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:16:17	2444211568	2444212095	1577
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:16:51	2444220158	2444220685	1577
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:17:35	2444231309	2444231836	1577
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:18:38	2444247580	2444248107	1577
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:19:22	2444258731	2444259258	1577
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:20:40	2444278843	2444279370	1577
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:20:54	2444282313	2444282840	1577
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:21:07	2444285785	2444286312	1577
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:21:21	2444289255	2444289782	1577
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:21:44	2444295287	2444295814	1577
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:22:18	2444303878	2444304405	1577
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:23:02	2444315028	2444315555	1577
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:24:05	2444331300	2444331827	1577
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:24:49	2444342450	2444342977	1577
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:42:03	2444607288	2444607815	1578
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:42:17	2444610758	2444611285	1578
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:42:30	2444614230	2444614757	1578
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:42:44	2444617700	2444618227	1578
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:43:07	2444623731	2444624258	1578
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:43:41	2444632322	2444632849	1578
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:44:25	2444643473	2444644000	1578
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:45:28	2444659745	2444660272	1578
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:46:12	2444670896	2444671423	1578
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:47:30	2444691006	2444691533	1578
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:47:44	2444694477	2444695004	1578
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:47:57	2444697949	2444698476	1578
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:48:11	2444701419	2444701946	1578
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:48:34	2444707450	2444707977	1578
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:49:08	2444716041	2444716568	1578
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:49:52	2444727192	2444727719	1578
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:50:55	2444743463	2444743990	1578
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:51:39	2444754614	2444755141	1578
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 07:52:57	2444774726	2444775253	1578
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 07:53:11	2444778196	2444778723	1578
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 07:53:24	2444781667	2444782194	1578
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 07:53:38	2444785139	2444785666	1578
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 07:54:02	2444791170	2444791697	1578
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 07:54:35	2444799760	2444800287	1578
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 07:55:19	2444810911	2444811438	1578
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 07:56:22	2444827183	2444827710	1578
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 07:57:06	2444838333	2444838860	1578
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:02:08	2444915717	2444916244	1578
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:02:22	2444919188	2444919715	1578
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:02:35	2444922660	2444923187	1578
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:02:49	2444926130	2444926657	1578
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:03:12	2444932162	2444932689	1578

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:03:46	2444940752	2444941279	1578
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:04:29	2444951903	2444952430	1578
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:05:33	2444968174	2444968701	1578
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:06:16	2444979325	2444979852	1578
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:07:35	2444999436	2444999963	1578
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:07:49	2445002908	2445003435	1578
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:08:02	2445006380	2445006907	1578
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:08:16	2445009849	2445010376	1578
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:08:39	2445015881	2445016408	1578
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:09:13	2445024471	2445024998	1578
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:09:56	2445035622	2445036149	1578
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:11:00	2445051893	2445052420	1578
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:11:44	2445063045	2445063572	1578
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:13:02	2445083155	2445083682	1578
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:13:16	2445086626	2445087153	1578
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:13:29	2445090098	2445090625	1578
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:13:43	2445093568	2445094095	1578
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:14:06	2445099600	2445100127	1578
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:14:40	2445108191	2445108718	1578
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:15:23	2445119341	2445119868	1578
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:16:27	2445135612	2445136139	1578
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:17:11	2445146763	2445147290	1578
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:18:33	2445167889	2445168416	1578
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:18:47	2445171360	2445171887	1578
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:19:00	2445174833	2445175360	1578
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:19:14	2445178302	2445178829	1578
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:19:37	2445184334	2445184861	1578
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:20:11	2445192924	2445193451	1578
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:20:54	2445204076	2445204603	1578
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:21:58	2445220346	2445220873	1578
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:22:42	2445231497	2445232024	1578
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:24:00	2445251609	2445252136	1578
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:24:14	2445255079	2445255606	1578
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:24:27	2445258552	2445259079	1578
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:24:41	2445262021	2445262548	1578
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:25:04	2445268053	2445268580	1578
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:25:38	2445276644	2445277171	1578
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:26:21	2445287794	2445288321	1578
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:27:25	2445304065	2445304592	1578
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:28:09	2445315216	2445315743	1578
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:29:27	2445335328	2445335855	1578
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:29:41	2445338798	2445339325	1578
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:29:54	2445342270	2445342797	1578
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:30:08	2445345740	2445346267	1578
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:30:31	2445351772	2445352299	1578
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:31:05	2445360362	2445360889	1578
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:31:48	2445371513	2445372040	1578
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:32:52	2445387784	2445388311	1578
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:33:36	2445398935	2445399462	1578
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:34:58	2445420063	2445420590	1578
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:35:12	2445423533	2445424060	1578
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:35:25	2445427003	2445427530	1578
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:35:39	2445430474	2445431001	1578
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:36:02	2445436505	2445437032	1578
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:36:36	2445445096	2445445623	1578
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:37:19	2445456247	2445456774	1578
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:38:23	2445472518	2445473045	1578
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:39:07	2445483669	2445484196	1578
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:40:25	2445503782	2445504309	1578
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:40:39	2445507251	2445507778	1578
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:40:52	2445510723	2445511250	1578
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:41:06	2445514193	2445514720	1578
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:41:29	2445520224	2445520751	1578
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:42:03	2445528815	2445529342	1578

State History List

Timeline Description	Timeline Id	State Sequence in Timeline	State Description	State Id	Data Rate	State Start at UTC	State Start at OBT	Expected ISP OBT	In Orbit
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:42:46	2445539966	2445540493	1578
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:43:50	2445556237	2445556764	1578
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:44:34	2445567388	2445567915	1578
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	19-Jun-2002 08:49:36	2445644772	2445645915	1578
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:50:22	2445656590	2445657117	1578
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:50:36	2445660061	2445660588	1578
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:50:49	2445663533	2445664060	1578
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:51:03	2445667003	2445667530	1578
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:51:26	2445673034	2445673561	1578
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:52:00	2445681625	2445682152	1578
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:52:43	2445692777	2445693304	1578
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:53:47	2445709047	2445709574	1578
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:54:31	2445720198	2445720725	1578
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 08:55:49	2445740309	2445740836	1578
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 08:56:03	2445743780	2445744307	1578
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 08:56:16	2445747252	2445747779	1578
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 08:56:30	2445750722	2445751249	1578
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 08:56:53	2445756754	2445757281	1578
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 08:57:27	2445765344	2445765871	1578
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 08:58:10	2445776495	2445777022	1578
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 08:59:14	2445792766	2445793293	1578
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 08:59:58	2445803917	2445804444	1578
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	19-Jun-2002 09:01:16	2445824032	2445824559	1578
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	19-Jun-2002 09:01:30	2445827499	2445828026	1578
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	19-Jun-2002 09:01:43	2445830970	2445831497	1578
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	19-Jun-2002 09:01:57	2445834441	2445834968	1578
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	19-Jun-2002 09:02:20	2445840472	2445840999	1578
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	19-Jun-2002 09:02:54	2445849063	2445849590	1578
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	19-Jun-2002 09:03:37	2445860214	2445860741	1578
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	19-Jun-2002 09:04:41	2445876486	2445877013	1578
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	19-Jun-2002 09:05:25	2445887636	2445888163	1578
Monitoring TML SRC open	31	1	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	19-Jun-2002 10:12:39	2446920462	2446921736	1579
Monitoring TML SRC open	31	2	WLS_Moni_op_1	16	Low Data Rate (400 kHz)	19-Jun-2002 10:13:01	2446926175	2446927449	1579
Monitoring TML SRC open	31	3	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	19-Jun-2002 10:13:24	2446931888	2446933162	1579
Monitoring TML SRC open	31	4	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	19-Jun-2002 10:13:46	2446937601	2446939007	1579
Monitoring TML SRC open	31	5	WLS_Moni_op_2	48	Low Data Rate (400 kHz)	19-Jun-2002 10:14:09	2446943579	2446944985	1579
Monitoring TML SRC open	31	6	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	19-Jun-2002 10:14:33	2446949555	2446950961	1579
Monitoring TML SRC open	31	7	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	19-Jun-2002 10:14:56	2446955532	2446956806	1579
Monitoring TML SRC open	31	8	SLS_Pre69_op	69	Low Data Rate (400 kHz)	19-Jun-2002 10:16:26	2446978465	2446979739	1579
Monitoring TML SRC open	31	9	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	19-Jun-2002 10:17:55	2447001397	2447002671	1579
Monitoring TML SRC open	31	10	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	19-Jun-2002 10:19:25	2447024329	2447025603	1579
Monitoring TML SRC open	31	11	WLS_Pre70_op	70	Low Data Rate (400 kHz)	19-Jun-2002 10:20:55	2447047451	2447048725	1579
Monitoring TML SRC open	31	12	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	19-Jun-2002 10:22:25	2447070573	2447071847	1579
Monitoring TML SRC open	31	13	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	19-Jun-2002 10:23:56	2447093695	2447094969	1579
Monitoring TML SRC open	31	14	SLS_Pre59_op	59	Low Data Rate (400 kHz)	19-Jun-2002 10:24:17	2447099218	2447100492	1579
Monitoring TML SRC open	31	15	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	19-Jun-2002 10:24:39	2447104740	2447106014	1579
Monitoring TML SRC open	31	16	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	19-Jun-2002 10:25:00	2447110264	2447111670	1579
Monitoring TML SRC open	31	17	WLS_Pre61_op	61	Low Data Rate (400 kHz)	19-Jun-2002 10:25:24	2447116240	2447117646	1579
Monitoring TML SRC open	31	18	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	19-Jun-2002 10:25:47	2447122218	2447123624	1579
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	19-Jun-2002 10:30:12	2447189950	2447191093	1579