

## 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	Bet_65	65	Low Data Rate (400 kHz)	26-Jun-2002 15:11:52	2606345270	2606346413	1682
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	26-Jun-2002 16:52:28	2607890506	2607891649	1683
Monitoring TML SRC open	31	1	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	26-Jun-2002 17:25:29	2608397503	2608398777	1684
Monitoring TML SRC open	31	2	WLS_Moni_op_1	16	Low Data Rate (400 kHz)	26-Jun-2002 17:25:51	2608403216	2608404490	1684
Monitoring TML SRC open	31	3	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	26-Jun-2002 17:26:13	2608408929	2608410203	1684
Monitoring TML SRC open	31	4	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	26-Jun-2002 17:26:36	2608414642	2608416048	1684
Monitoring TML SRC open	31	5	WLS_Moni_op_2	48	Low Data Rate (400 kHz)	26-Jun-2002 17:26:59	2608420620	2608422026	1684
Monitoring TML SRC open	31	6	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	26-Jun-2002 17:27:22	2608426596	2608428002	1684
Monitoring TML SRC open	31	7	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	26-Jun-2002 17:27:46	2608432574	2608433848	1684
Monitoring TML SRC open	31	8	SLS_Pre69_op	69	Low Data Rate (400 kHz)	26-Jun-2002 17:29:15	2608455505	2608456779	1684
Monitoring TML SRC open	31	9	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	26-Jun-2002 17:30:45	2608478437	2608479711	1684
Monitoring TML SRC open	31	10	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	26-Jun-2002 17:32:14	2608501369	2608502643	1684
Monitoring TML SRC open	31	11	WLS_Pre70_op	70	Low Data Rate (400 kHz)	26-Jun-2002 17:33:45	2608524491	2608525765	1684
Monitoring TML SRC open	31	12	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	26-Jun-2002 17:35:15	2608547614	2608548888	1684
Monitoring TML SRC open	31	13	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	26-Jun-2002 17:36:45	2608570735	2608572009	1684
Monitoring TML SRC open	31	14	SLS_Pre59_op	59	Low Data Rate (400 kHz)	26-Jun-2002 17:37:07	2608576258	2608577532	1684
Monitoring TML SRC open	31	15	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	26-Jun-2002 17:37:29	2608581782	2608583056	1684
Monitoring TML SRC open	31	16	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	26-Jun-2002 17:37:50	2608587305	2608588711	1684
Monitoring TML SRC open	31	17	WLS_Pre61_op	61	Low Data Rate (400 kHz)	26-Jun-2002 17:38:13	2608593281	2608594687	1684
Monitoring TML SRC open	31	18	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	26-Jun-2002 17:38:37	2608599258	2608600664	1684
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	26-Jun-2002 18:33:04	2609435732	2609436875	1684
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	26-Jun-2002 20:13:40	2610980929	2610982072	1685
IFOV/Co-alignment S_IFOV_ESM OBJ 81/95/97	43	1	S_IFOV_ESM	26	High Data Rate (1867 kHz)	26-Jun-2002 20:45:16	2611466371	2611467162	1686
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	26-Jun-2002 21:17:24	2611959755	2611960793	1686
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	26-Jun-2002 21:54:16	2612526110	2612527253	1686
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	26-Jun-2002 23:34:52	2614071293	2614072436	1687
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 01:15:28	2615616481	2615617624	1688
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 02:56:04	2617161699	2617162842	1689
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 04:36:40	2618706932	2618708075	1690
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 05:02:50	2619108875	2619109402	1691
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 05:03:53	2619124905	2619125432	1691
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 05:04:55	2619140937	2619141464	1691
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 05:05:58	2619156970	2619157497	1691
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	27-Jun-2002 05:07:00	2619172998	2619173789	1691
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 05:09:19	2619208567	2619209094	1691
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	27-Jun-2002 05:10:22	2619224599	2619225126	1691
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	27-Jun-2002 05:11:25	2619240629	2619241156	1691
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 05:12:27	2619256660	2619257187	1691
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 05:13:30	2619272691	2619273218	1691
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 05:14:53	2619294083	2619294610	1691
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 05:15:56	2619310114	2619310641	1691
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 05:17:20	2619331506	2619332033	1691
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 05:18:22	2619347537	2619348064	1691
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 05:19:46	2619368930	2619369457	1691
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	27-Jun-2002 05:20:48	2619384960	2619385487	1691
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:21:57	2619402512	2619403039	1691
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 05:23:00	2619418542	2619419069	1691
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:24:08	2619436093	2619436620	1691
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:25:11	2619452126	2619452653	1691
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:26:19	2619469676	2619470203	1691
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:27:22	2619485706	2619486233	1691
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:28:31	2619503257	2619503784	1691
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:29:33	2619519288	2619519815	1691
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:30:42	2619536840	2619537367	1691
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:31:44	2619552870	2619553397	1691
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:32:53	2619570421	2619570948	1691
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:33:56	2619586452	2619586979	1691
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:35:04	2619604003	2619604530	1691
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 05:36:07	2619620035	2619620562	1691

## 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	26	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:37:15	2619637586	2619638113	1691
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 05:38:18	2619653617	2619654144	1691
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:39:26	2619671167	2619671694	1691
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 05:40:29	2619687198	2619687725	1691
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:41:38	2619704749	2619705276	1691
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 05:42:40	2619720780	2619721307	1691
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:43:49	2619738332	2619738859	1691
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 05:44:51	2619754362	2619754889	1691
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:46:00	2619771914	2619772441	1691
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:47:03	2619787944	2619788471	1691
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 05:48:11	2619805495	2619806022	1691
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:49:14	2619821527	2619822054	1691
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 05:50:22	2619839077	2619839604	1691
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:51:25	2619855108	2619855635	1691
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 05:52:34	2619872659	2619873186	1691
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 05:53:36	2619888690	2619889217	1691
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 05:54:45	2619906241	2619906768	1691
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 05:55:47	2619922272	2619922799	1691
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 05:56:56	2619939823	2619940350	1691
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 05:57:59	2619955854	2619956381	1691
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 05:59:07	2619973405	2619973932	1691
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	27-Jun-2002 06:00:10	2619989436	2619989963	1691
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 06:01:18	2620006988	2620007515	1691
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 06:02:42	2620028380	2620028907	1691
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 06:04:05	2620049771	2620050298	1691
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 06:05:29	2620071163	2620071690	1691
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:06:53	2620092555	2620093082	1691
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:08:16	2620113947	2620114474	1691
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:09:40	2620135340	2620135867	1691
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:11:03	2620156731	2620157258	1691
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:12:27	2620178123	2620178650	1691
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 06:17:16	2620252159	2620253302	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:18:02	2620263976	2620264503	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:19:26	2620285368	2620285895	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:20:49	2620306760	2620307287	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:22:13	2620328153	2620328680	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:23:36	2620349544	2620350071	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:25:00	2620370936	2620371463	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:26:23	2620392329	2620392856	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:27:47	2620413720	2620414247	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:29:11	2620435112	2620435639	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:30:34	2620456505	2620457032	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:31:58	2620477897	2620478424	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:33:21	2620499288	2620499815	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:34:45	2620520681	2620521208	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:36:08	2620542072	2620542599	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:37:32	2620563465	2620563992	1691
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 06:38:56	2620584856	2620585383	1691
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 06:43:26	2620654090	2620654617	1692
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 06:44:29	2620670121	2620670648	1692
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 06:45:31	2620686152	2620686679	1692
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 06:46:34	2620702183	2620702710	1692
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	27-Jun-2002 06:47:36	2620718215	2620719006	1692
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	27-Jun-2002 06:48:54	2620738162	2620738953	1692
Pre: ASM: Sun_Diffuser	49	1	Bet_ASM_DIF	17	High Data Rate (1867 kHz)	27-Jun-2002 06:49:28	2620746647	2620747865	1692
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	27-Jun-2002 06:50:11	2620757711	2620758238	1692
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	27-Jun-2002 06:51:13	2620773742	2620774269	1692
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	27-Jun-2002 06:52:16	2620789772	2620790299	1692

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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	4	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 06:53:19	2620805803	2620806330	1692
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 06:54:21	2620821834	2620822361	1692
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 06:55:45	2620843227	2620843754	1692
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 06:56:47	2620859258	2620859785	1692
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 06:58:11	2620880649	2620881176	1692
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 06:59:14	2620896680	2620897207	1692
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 07:00:37	2620918072	2620918599	1692
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	27-Jun-2002 07:01:40	2620934104	2620934631	1692
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:02:48	2620951655	2620952182	1692
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 07:03:51	2620967686	2620968213	1692
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:05:00	2620985236	2620985763	1692
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:06:02	2621001267	2621001794	1692
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:07:11	2621018818	2621019345	1692
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:08:13	2621034850	2621035377	1692
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:09:22	2621052400	2621052927	1692
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:10:25	2621068432	2621068959	1692
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:11:33	2621085982	2621086509	1692
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:12:36	2621102013	2621102540	1692
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:13:44	2621119564	2621120091	1692
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:14:47	2621135595	2621136122	1692
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:15:55	2621153146	2621153673	1692
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 07:16:58	2621169178	2621169705	1692
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:18:07	2621186728	2621187255	1692
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 07:19:09	2621202759	2621203286	1692
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:20:18	2621220311	2621220838	1692
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 07:21:20	2621236341	2621236868	1692
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:22:29	2621253892	2621254419	1692
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 07:23:32	2621269923	2621270450	1692
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:24:40	2621287474	2621288001	1692
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	27-Jun-2002 07:25:43	2621303506	2621304033	1692
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:26:51	2621321057	2621321584	1692
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:27:54	2621337087	2621337614	1692
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	27-Jun-2002 07:29:03	2621354638	2621355165	1692
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:30:05	2621370669	2621371196	1692
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 07:31:14	2621388220	2621388747	1692
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:32:16	2621404252	2621404779	1692
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 07:33:25	2621421802	2621422329	1692
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	27-Jun-2002 07:34:27	2621437833	2621438360	1692
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	27-Jun-2002 07:35:36	2621455384	2621455911	1692
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 07:36:39	2621471415	2621471942	1692
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 07:37:47	2621488967	2621489494	1692
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	27-Jun-2002 07:38:50	2621504998	2621505525	1692
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	27-Jun-2002 07:39:58	2621522548	2621523075	1692
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	27-Jun-2002 07:41:01	2621538579	2621539106	1692
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 07:42:10	2621556130	2621556657	1692
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	27-Jun-2002 07:43:33	2621575722	2621576249	1692
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 07:44:57	2621598914	2621599441	1692
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	27-Jun-2002 07:46:20	2621620307	2621620834	1692
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 07:47:44	2621641698	2621642225	1692
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 07:49:07	2621663090	2621663617	1692
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 07:50:31	2621684482	2621685009	1692
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 07:51:55	2621705875	2621706402	1692
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	27-Jun-2002 07:53:18	2621727266	2621727793	1692
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 07:57:52	2621797368	2621798511	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 07:58:38	2621809186	2621809713	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:00:02	2621830578	2621831105	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:01:25	2621851970	2621852497	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:02:49	2621873363	2621873890	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:04:12	2621894754	2621895281	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:05:36	2621916146	2621916673	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:06:59	2621937538	2621938065	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:08:23	2621958930	2621959457	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:09:47	2621980323	2621980850	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:11:10	2622001715	2622002242	1692

## 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	11	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:12:34	2622023107	2622023634	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:13:57	2622044498	2622045025	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:15:21	2622065890	2622066417	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:16:44	2622087282	2622087809	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:18:08	2622108674	2622109201	1692
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	27-Jun-2002 08:19:32	2622130066	2622130593	1692
Nadir TCFOV OBJ 106	41	1	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 08:30:52	2622304304	2622304831	1693
Nadir TCFOV OBJ 106	41	2	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 08:32:01	2622321855	2622322382	1693
Nadir TCFOV OBJ 106	41	3	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 08:33:09	2622339406	2622339933	1693
Nadir TCFOV OBJ 106	41	4	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 08:37:23	2622404320	2622404847	1693
Nadir TCFOV OBJ 106	41	5	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 08:38:31	2622421871	2622422398	1693
Nadir TCFOV OBJ 106	41	6	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 08:39:40	2622439422	2622439949	1693
Nadir TCFOV OBJ 106	41	7	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 08:40:49	2622456973	2622457500	1693
Nadir TCFOV OBJ 106	41	8	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 08:45:02	2622521887	2622522414	1693
Nadir TCFOV OBJ 106	41	9	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 08:46:11	2622539438	2622539965	1693
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 09:38:28	2623342564	2623343707	1693
Nadir TCFOV OBJ 106	41	1	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 10:11:28	2623849487	2623850014	1694
Nadir TCFOV OBJ 106	41	2	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 10:12:37	2623867038	2623867565	1694
Nadir TCFOV OBJ 106	41	3	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 10:13:45	2623884589	2623885116	1694
Nadir TCFOV OBJ 106	41	4	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 10:17:59	2623949504	2623950031	1694
Nadir TCFOV OBJ 106	41	5	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 10:19:07	2623967054	2623967581	1694
Nadir TCFOV OBJ 106	41	6	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 10:20:16	2623984606	2623985133	1694
Nadir TCFOV OBJ 106	41	7	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 10:21:24	2624002156	2624002683	1694
Nadir TCFOV OBJ 106	41	8	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 10:25:38	2624067070	2624067597	1694
Nadir TCFOV OBJ 106	41	9	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 10:26:47	2624084621	2624085148	1694
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 11:19:04	2624887751	2624888278	1694
Nadir TCFOV OBJ 106	41	1	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 11:52:04	2625394662	2625395189	1695
Nadir TCFOV OBJ 106	41	2	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 11:53:12	2625412213	2625412740	1695
Nadir TCFOV OBJ 106	41	3	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 11:54:21	2625429764	2625430291	1695
Nadir TCFOV OBJ 106	41	4	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 11:58:35	2625494678	2625495205	1695
Nadir TCFOV OBJ 106	41	5	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 11:59:43	2625512229	2625512756	1695
Nadir TCFOV OBJ 106	41	6	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 12:00:52	2625529781	2625530308	1695
Nadir TCFOV OBJ 106	41	7	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 12:02:00	2625547332	2625547859	1695
Nadir TCFOV OBJ 106	41	8	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 12:06:14	2625612245	2625612772	1695
Nadir TCFOV OBJ 106	41	9	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 12:07:22	2625629796	2625630323	1695
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 12:59:40	2626432932	2626434075	1695
Nadir TCFOV OBJ 106	41	1	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 13:32:40	2626939844	2626940371	1696
Nadir TCFOV OBJ 106	41	2	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 13:33:48	2626957394	2626957921	1696
Nadir TCFOV OBJ 106	41	3	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 13:34:57	2626974946	2626975473	1696
Nadir TCFOV OBJ 106	41	4	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 13:39:10	2627039859	2627040386	1696
Nadir TCFOV OBJ 106	41	5	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 13:40:19	2627057410	2627057937	1696
Nadir TCFOV OBJ 106	41	6	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 13:41:28	2627074961	2627075488	1696
Nadir TCFOV OBJ 106	41	7	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 13:42:36	2627092512	2627093039	1696
Nadir TCFOV OBJ 106	41	8	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 13:46:50	2627157427	2627157954	1696
Nadir TCFOV OBJ 106	41	9	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 13:47:58	2627174977	2627175504	1696
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 14:40:16	2627978135	2627979278	1696
Nadir TCFOV OBJ 106	41	1	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 15:13:16	2628485038	2628485565	1697
Nadir TCFOV OBJ 106	41	2	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 15:14:24	2628502589	2628503116	1697
Nadir TCFOV OBJ 106	41	3	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 15:15:33	2628520139	2628520666	1697
Nadir TCFOV OBJ 106	41	4	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 15:19:46	2628585053	2628585580	1697
Nadir TCFOV OBJ 106	41	5	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 15:20:55	2628602604	2628603131	1697
Nadir TCFOV OBJ 106	41	6	N_scan_var	39	Low Data Rate (400 kHz)	27-Jun-2002 15:22:03	2628620156	2628620683	1697
Nadir TCFOV OBJ 106	41	7	N_point_var	38	Low Data Rate (400 kHz)	27-Jun-2002 15:23:12	2628637706	2628638233	1697
Nadir TCFOV OBJ 106	41	8	Pre_45	45	Low Data Rate (400 kHz)	27-Jun-2002 15:27:26	2628702621	2628703148	1697
Nadir TCFOV OBJ 106	41	9	Pre_15	15	Low Data Rate (400 kHz)	27-Jun-2002 15:28:34	2628720171	2628720698	1697
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 16:20:52	2629523368	2629524511	1697
Straylight OBJ 88	40	1	D_Pre_67_new	11	Low Data Rate (400 kHz)	27-Jun-2002 16:53:52	2630030253	2630030780	1698
Straylight OBJ 88	40	2	D_Pre_46_new	9	Low Data Rate (400 kHz)	27-Jun-2002 16:57:15	2630082366	2630082893	1698
Straylight OBJ 88	40	3	D_Pre_63_new	10	Low Data Rate (400 kHz)	27-Jun-2002 16:57:24	2630084557	2630085084	1698
Straylight OBJ 88	40	4	D_Pre_67_new	11	Low Data Rate (400 kHz)	27-Jun-2002 16:57:57	2630093148	2630093675	1698
Straylight OBJ 88	40	5	D_Pre_46_new	9	Low Data Rate (400 kHz)	27-Jun-2002 17:01:21	2630145261	2630145788	1698
Straylight OBJ 88	40	6	D_Pre_63_new	10	Low Data Rate (400 kHz)	27-Jun-2002 17:01:29	2630147452	2630147979	1698
Straylight OBJ 88	40	7	D_Pre_67_new	11	Low Data Rate (400 kHz)	27-Jun-2002 17:02:03	2630156043	2630156570	1698
Straylight OBJ 88	40	8	D_Pre_46_new	9	Low Data Rate (400 kHz)	27-Jun-2002 17:05:27	2630208156	2630208683	1698

## 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
Straylight OBJ 88	40	9	D_Pre_63_new	10	Low Data Rate (400 kHz)	27-Jun-2002 17:05:35	2630210348	2630210875	1698
Straylight OBJ 88	40	10	D_Pre_67_new	11	Low Data Rate (400 kHz)	27-Jun-2002 17:06:09	2630218938	2630219465	1698
Straylight OBJ 88	40	11	D_Pre_46_new	9	Low Data Rate (400 kHz)	27-Jun-2002 17:09:32	2630271052	2630271579	1698
Straylight OBJ 88	40	12	D_Pre_63_new	10	Low Data Rate (400 kHz)	27-Jun-2002 17:09:41	2630273242	2630273769	1698
Straylight OBJ 88	40	13	D_Pre_67_new	11	Low Data Rate (400 kHz)	27-Jun-2002 17:10:14	2630281833	2630282360	1698
Straylight OBJ 88	40	14	D_Pre_46_new	9	Low Data Rate (400 kHz)	27-Jun-2002 17:13:38	2630333946	2630334473	1698
Straylight OBJ 88	40	15	D_Pre_63_new	10	Low Data Rate (400 kHz)	27-Jun-2002 17:13:46	2630336137	2630336664	1698
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 18:01:28	2631068600	2631069743	1698
Ifov/Co-alignment S_IFOV_ASM OBJ 81/95/97	42	1	S_IFOV_ASM	25	High Data Rate (1867 kHz)	27-Jun-2002 18:33:03	2631553921	2631554712	1699
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	27-Jun-2002 19:05:11	2632047366	2632048404	1699
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 19:42:04	2632613809	2632614952	1699
Internal straylight OBJ 184: S_TCFOV	26	1	S_TCFOV	14	High Data Rate (1867 kHz)	27-Jun-2002 20:12:28	2633080805	2633081596	1700
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	27-Jun-2002 20:45:47	2633592557	2633593595	1700
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 21:22:40	2634158998	2634160141	1700
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	27-Jun-2002 22:26:23	2635137735	2635138773	1701
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	27-Jun-2002 23:03:15	2635704179	2635705322	1701
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 00:43:51	2637249366	2637250509	1702
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 02:24:27	2638794579	2638795722	1703
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 04:05:03	2640339808	2640340951	1704
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 04:31:09	2640740589	2640741116	1705
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 04:32:12	2640756620	2640757147	1705
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 04:33:14	2640772652	2640773179	1705
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 04:34:17	2640788682	2640789209	1705
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	5	Pre_51	51	High Data Rate (1867 kHz)	28-Jun-2002 04:35:19	2640804713	2640805504	1705
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 04:36:32	2640823388	2640823915	1705
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 04:37:35	2640839419	2640839946	1705
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 04:38:38	2640855449	2640855976	1705
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 04:39:40	2640871480	2640872007	1705
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 04:40:43	2640887511	2640888038	1705
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 04:42:06	2640908904	2640909431	1705
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 04:43:09	2640924934	2640925461	1705
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 04:44:33	2640946326	2640946853	1705
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 04:45:35	2640962357	2640962884	1705
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 04:46:59	2640983749	2640984276	1705
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 04:48:01	2640999782	2641000309	1705
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 04:49:10	2641017331	2641017858	1705
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 04:50:13	2641033362	2641033889	1705
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 04:51:21	2641050913	2641051440	1705
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 04:52:24	2641066945	2641067472	1705
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 04:53:32	2641084496	2641085023	1705
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 04:54:35	2641100526	2641101053	1705
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 04:55:43	2641118078	2641118605	1705
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 04:56:46	2641134108	2641134635	1705
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 04:57:55	2641151659	2641152186	1705
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 04:58:57	2641167691	2641168218	1705
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:00:06	2641185241	2641185768	1705
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 05:01:08	2641201272	2641201799	1705
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:02:17	2641218823	2641219350	1705
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 05:03:20	2641234854	2641235381	1705
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:04:28	2641252405	2641252932	1705
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 05:05:31	2641268436	2641268963	1705
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:06:39	2641285988	2641286515	1705
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 05:07:42	2641302018	2641302545	1705
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:08:51	2641319570	2641320097	1705
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 05:09:53	2641335600	2641336127	1705
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:11:02	2641353151	2641353678	1705
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 05:12:04	2641369184	2641369711	1705
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 05:13:13	2641386733	2641387260	1705
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 05:14:16	2641402764	2641403291	1705

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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)	28-Jun-2002 05:15:24	2641420315	2641420842	1705
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 05:16:27	2641436346	2641436873	1705
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 05:17:35	2641453899	2641454426	1705
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 05:18:38	2641469928	2641470455	1705
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 05:19:46	2641487480	2641488007	1705
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 05:20:49	2641503510	2641504037	1705
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 05:21:58	2641521061	2641521588	1705
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 05:23:00	2641537094	2641537621	1705
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 05:24:09	2641554643	2641555170	1705
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 05:25:11	2641570675	2641571202	1705
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 05:26:20	2641588225	2641588752	1705
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 05:27:23	2641604256	2641604783	1705
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 05:28:31	2641621807	2641622334	1705
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 05:29:55	2641643199	2641643726	1705
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 05:31:18	2641664592	2641665119	1705
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 05:32:42	2641685983	2641686510	1705
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 05:34:05	2641707375	2641707902	1705
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 05:35:29	2641728767	2641729294	1705
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 05:36:53	2641750160	2641750687	1705
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 05:38:16	2641771551	2641772078	1705
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 05:39:40	2641792944	2641793471	1705
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 05:45:39	2641885037	2641886180	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:46:26	2641896855	2641897382	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:47:49	2641918248	2641918775	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:49:13	2641939639	2641940166	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:50:36	2641961032	2641961559	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:52:00	2641982423	2641982950	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:53:23	2642003816	2642004343	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:54:47	2642025207	2642025734	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:56:10	2642046599	2642047126	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:57:34	2642067992	2642068519	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 05:58:58	2642089383	2642089910	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:00:21	2642110775	2642111302	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:01:45	2642132167	2642132694	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:03:08	2642153560	2642154087	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:04:32	2642174951	2642175478	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:05:55	2642196343	2642196870	1705
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 06:07:19	2642217736	2642218263	1705
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 06:11:45	2642285815	2642286342	1706
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 06:12:48	2642301846	2642302373	1706
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 06:13:50	2642317877	2642318404	1706
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 06:14:53	2642333908	2642334435	1706
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	14	5	Pre_51	51	High Data Rate (1867 kHz)	28-Jun-2002 06:15:55	2642349940	2642350731	1706
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 06:17:08	2642368612	2642369139	1706
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 06:18:11	2642384644	2642385171	1706
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 06:19:14	2642400674	2642401201	1706
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 06:20:16	2642416706	2642417233	1706
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 06:21:40	2642438097	2642438624	1706
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 06:22:42	2642454128	2642454655	1706
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 06:24:06	2642475521	2642476048	1706
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 06:25:09	2642491551	2642492078	1706
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 06:26:32	2642512943	2642513470	1706
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 06:27:35	2642528974	2642529501	1706
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 06:28:58	2642550366	2642550893	1706
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 06:30:01	2642566398	2642566925	1706
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:31:10	2642583948	2642584475	1706
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 06:32:12	2642599979	2642600506	1706
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:33:21	2642617531	2642618058	1706
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:34:23	2642633562	2642634089	1706

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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	17	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:35:32	2642651112	2642651639	1706
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:36:34	2642667143	2642667670	1706
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:37:43	2642684695	2642685222	1706
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:38:46	2642700725	2642701252	1706
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:39:54	2642718277	2642718804	1706
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:40:57	2642734307	2642734834	1706
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:42:05	2642751858	2642752385	1706
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:43:08	2642767889	2642768416	1706
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:44:17	2642785440	2642785967	1706
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 06:45:19	2642801472	2642801999	1706
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:46:28	2642819022	2642819549	1706
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 06:47:30	2642835053	2642835580	1706
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:48:39	2642852605	2642853132	1706
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 06:49:42	2642868636	2642869163	1706
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:50:50	2642886186	2642886713	1706
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 06:51:53	2642902217	2642902744	1706
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:53:01	2642919769	2642920296	1706
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 06:54:04	2642935800	2642936327	1706
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:55:12	2642953350	2642953877	1706
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:56:15	2642969381	2642969908	1706
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 06:57:24	2642986932	2642987459	1706
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 06:58:26	2643002964	2643003491	1706
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 06:59:35	2643020515	2643021042	1706
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 07:00:37	2643036545	2643037072	1706
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 07:01:46	2643054096	2643054623	1706
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 07:02:49	2643070127	2643070654	1706
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 07:03:57	2643087679	2643088206	1706
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 07:05:00	2643103710	2643104237	1706
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 07:06:08	2643121261	2643121788	1706
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 07:07:11	2643137291	2643137818	1706
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 07:08:20	2643154842	2643155369	1706
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 07:09:22	2643170873	2643171400	1706
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 07:10:31	2643188424	2643188951	1706
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 07:11:54	2643209817	2643210344	1706
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 07:13:18	2643231208	2643231735	1706
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 07:14:41	2643252600	2643253127	1706
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 07:16:05	2643273992	2643274519	1706
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 07:17:29	2643295384	2643295911	1706
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 07:18:52	2643316776	2643317303	1706
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 07:20:16	2643338168	2643338695	1706
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 07:26:15	2643430259	2643431402	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:27:02	2643442077	2643442604	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:28:25	2643463470	2643463997	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:29:49	2643484862	2643485389	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:31:12	2643506253	2643506780	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:32:36	2643527645	2643528172	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:33:59	2643549037	2643549564	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:35:23	2643570429	2643570956	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:36:47	2643591821	2643592348	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:38:10	2643613214	2643613741	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:39:34	2643634605	2643635132	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:40:57	2643655998	2643656525	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:42:21	2643677390	2643677917	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:43:44	2643698781	2643699308	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:45:08	2643720173	2643720700	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:46:31	2643741565	2643742092	1706
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 07:47:55	2643762957	2643763484	1706
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 07:52:25	2643832045	2643832572	1707
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 07:53:28	2643848076	2643848603	1707
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 07:54:30	2643864107	2643864634	1707

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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	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 07:55:33	2643880138	2643880665	1707
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 07:56:35	2643896169	2643896960	1707
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	28-Jun-2002 07:57:53	2643916123	2643916914	1707
Pre: ESM: Sun_Diffuser (ND out)	7	1	Pre_52	52	High Data Rate (1867 kHz)	28-Jun-2002 07:58:26	2643924612	2643925830	1707
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 07:59:09	2643935538	2643936065	1707
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 08:00:12	2643951568	2643952095	1707
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 08:01:14	2643967599	2643968126	1707
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 08:02:17	2643983630	2643984157	1707
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 08:03:20	2643999662	2644000189	1707
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 08:04:43	2644021054	2644021581	1707
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 08:05:46	2644037084	2644037611	1707
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 08:07:09	2644058476	2644059003	1707
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 08:08:12	2644074508	2644075035	1707
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 08:09:36	2644095900	2644096427	1707
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 08:10:38	2644111931	2644112458	1707
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:11:47	2644129481	2644130008	1707
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 08:12:49	2644145512	2644146039	1707
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:13:58	2644163063	2644163590	1707
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:15:01	2644179095	2644179622	1707
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:16:09	2644196645	2644197172	1707
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:17:12	2644212676	2644213203	1707
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:18:20	2644230227	2644230754	1707
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:19:23	2644246258	2644246785	1707
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:20:31	2644263809	2644264336	1707
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:21:34	2644279840	2644280367	1707
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:22:43	2644297391	2644297918	1707
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:23:45	2644313423	2644313950	1707
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:24:54	2644330973	2644331500	1707
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 08:25:56	2644347004	2644347531	1707
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:27:05	2644364555	2644365082	1707
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 08:28:08	2644380586	2644381113	1707
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:29:16	2644398139	2644398666	1707
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 08:30:19	2644414168	2644414695	1707
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:31:27	2644431719	2644432246	1707
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 08:32:30	2644447750	2644448277	1707
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:33:39	2644465302	2644465829	1707
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 08:34:41	2644481332	2644481859	1707
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:35:50	2644498883	2644499410	1707
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:36:52	2644514915	2644515442	1707
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 08:38:01	2644532466	2644532993	1707
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:39:04	2644548497	2644549024	1707
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 08:40:12	2644566047	2644566574	1707
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:41:15	2644582078	2644582605	1707
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 08:42:23	2644599630	2644600157	1707
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 08:43:26	2644615660	2644616187	1707
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 08:44:34	2644633212	2644633739	1707
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 08:45:37	2644649242	2644649769	1707
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 08:46:46	2644666793	2644667320	1707
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 08:47:48	2644682825	2644683352	1707
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 08:48:57	2644700375	2644700902	1707
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 08:49:59	2644716407	2644716934	1707
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 08:51:08	2644733957	2644734484	1707
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 08:52:32	2644755349	2644755876	1707
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 08:53:55	2644776741	2644777268	1707
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 08:55:19	2644798133	2644798660	1707
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 08:56:42	2644819525	2644820052	1707
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 08:58:06	2644840918	2644841445	1707
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 08:59:29	2644862310	2644862837	1707
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 09:00:53	2644883701	2644884228	1707
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 09:02:16	2644905093	2644905620	1707
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 09:06:51	2644975462	2644976605	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:07:38	2644987279	2644987806	1707



## 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: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:09:01	2645008671	2645009198	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:10:25	2645030063	2645030590	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:11:48	2645051456	2645051983	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:13:12	2645072847	2645073374	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:14:35	2645094240	2645094767	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:15:59	2645115631	2645116158	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:17:22	2645137023	2645137550	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:18:46	2645158415	2645158942	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:20:10	2645179807	2645180334	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:21:33	2645201200	2645201727	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:22:57	2645222591	2645223118	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:24:20	2645243984	2645244511	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:25:44	2645265375	2645265902	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:27:07	2645286767	2645287294	1707
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 09:28:31	2645308160	2645308687	1707
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 09:33:01	2645377233	2645377760	1708
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 09:34:03	2645393264	2645393791	1708
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 09:35:06	2645409295	2645409822	1708
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 09:36:09	2645425326	2645425853	1708
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 09:37:11	2645441358	2645442149	1708
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	28-Jun-2002 09:38:29	2645461313	2645462104	1708
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 09:39:02	2645469670	2645471020	1708
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 09:39:46	2645480860	2645481387	1708
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 09:40:48	2645496893	2645497420	1708
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 09:41:51	2645512922	2645513449	1708
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 09:42:53	2645528954	2645529481	1708
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 09:43:56	2645544985	2645545512	1708
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 09:45:20	2645566376	2645566903	1708
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 09:46:22	2645582409	2645582936	1708
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 09:47:46	2645603800	2645604327	1708
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 09:48:48	2645619831	2645620358	1708
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 09:50:12	2645641222	2645641749	1708
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 09:51:15	2645657253	2645657780	1708
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 09:52:23	2645674806	2645675333	1708
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 09:53:26	2645690835	2645691362	1708
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 09:54:34	2645708386	2645708913	1708
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 09:55:37	2645724417	2645724944	1708
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 09:56:46	2645741968	2645742495	1708
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 09:57:48	2645758001	2645758528	1708
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 09:58:57	2645775551	2645776078	1708
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 09:59:59	2645791581	2645792108	1708
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:01:08	2645809132	2645809659	1708
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:02:11	2645825163	2645825690	1708
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:03:19	2645842714	2645843241	1708
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:04:22	2645858745	2645859272	1708
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:05:30	2645876296	2645876823	1708
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 10:06:33	2645892327	2645892854	1708
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:07:41	2645909878	2645910405	1708
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 10:08:44	2645925909	2645926436	1708
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:09:53	2645943461	2645943988	1708
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 10:10:55	2645959492	2645960019	1708
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:12:04	2645977043	2645977570	1708
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 10:13:06	2645993074	2645993601	1708
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:14:15	2646010624	2646011151	1708
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 10:15:18	2646026655	2646027182	1708
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:16:26	2646044208	2646044735	1708
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:17:29	2646060237	2646060764	1708
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 10:18:37	2646077788	2646078315	1708

## 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	37	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:19:40	2646093819	2646094346	1708
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 10:20:48	2646111370	2646111897	1708
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:21:51	2646127403	2646127930	1708
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 10:23:00	2646144952	2646145479	1708
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 10:24:02	2646160984	2646161511	1708
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 10:25:11	2646178534	2646179061	1708
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 10:26:13	2646194566	2646195093	1708
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 10:27:22	2646212117	2646212644	1708
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 10:28:25	2646228147	2646228674	1708
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 10:29:33	2646245699	2646246226	1708
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 10:30:36	2646261730	2646262257	1708
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 10:31:44	2646279280	2646279807	1708
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 10:33:08	2646300672	2646301199	1708
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 10:34:32	2646322064	2646322591	1708
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 10:35:55	2646343457	2646343984	1708
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 10:37:19	2646364848	2646365375	1708
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 10:38:42	2646386241	2646386768	1708
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 10:40:06	2646407632	2646408159	1708
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 10:41:29	2646429024	2646429551	1708
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 10:42:53	2646450416	2646450943	1708
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 10:47:27	2646520656	2646521799	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:48:13	2646532474	2646533001	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:49:37	2646553866	2646554393	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:51:01	2646575258	2646575785	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:52:24	2646596650	2646597177	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:53:48	2646618041	2646618568	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:55:11	2646639433	2646639960	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:56:35	2646660825	2646661352	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:57:58	2646682217	2646682744	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 10:59:22	2646703610	2646704137	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:00:45	2646725001	2646725528	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:02:09	2646746394	2646746921	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:03:33	2646767786	2646768313	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:04:56	2646789178	2646789705	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:06:20	2646810570	2646811097	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:07:43	2646831962	2646832489	1708
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 11:09:07	2646853354	2646853881	1708
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 11:13:37	2646922410	2646922937	1709
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 11:14:39	2646938441	2646938968	1709
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 11:15:42	2646954473	2646955000	1709
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 11:16:44	2646970503	2646971030	1709
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 11:17:47	2646986535	2646987326	1709
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	28-Jun-2002 11:19:05	2647006489	2647007280	1709
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 11:19:38	2647014852	2647016202	1709
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 11:20:21	2647026042	2647026569	1709
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 11:21:24	2647042073	2647042600	1709
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 11:22:27	2647058105	2647058632	1709
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 11:23:29	2647074135	2647074662	1709
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 11:24:53	2647095528	2647096055	1709
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 11:25:55	2647111558	2647112085	1709
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 11:27:19	2647132950	2647133477	1709
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 11:28:22	2647148982	2647149509	1709
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 11:29:45	2647170373	2647170900	1709
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 11:30:48	2647186405	2647186932	1709
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 11:32:11	2647207796	2647208323	1709
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 11:33:14	2647223287	2647223814	1709
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:34:23	2647241379	2647241906	1709
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 11:35:25	2647257410	2647257937	1709

## 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	15	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:36:34	2647274961	2647275488	1709
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:37:36	2647290991	2647291518	1709
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:38:45	2647308542	2647309069	1709
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:39:48	2647324573	2647325100	1709
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:40:56	2647342125	2647342652	1709
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:41:59	2647358156	2647358683	1709
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:43:07	2647375707	2647376234	1709
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:44:10	2647391738	2647392265	1709
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:45:18	2647409288	2647409815	1709
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:46:21	2647425320	2647425847	1709
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:47:30	2647442870	2647443397	1709
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 11:48:32	2647458902	2647459429	1709
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:49:41	2647476452	2647476979	1709
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 11:50:43	2647492483	2647493010	1709
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:51:52	2647510034	2647510561	1709
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 11:52:55	2647526065	2647526592	1709
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:54:03	2647543616	2647544143	1709
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 11:55:06	2647559648	2647560175	1709
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:56:14	2647577198	2647577725	1709
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 11:57:17	2647593229	2647593756	1709
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 11:58:26	2647610780	2647611307	1709
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 11:59:28	2647626812	2647627339	1709
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 12:00:37	2647644363	2647644890	1709
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 12:01:39	2647660393	2647660920	1709
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 12:02:48	2647677944	2647678471	1709
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 12:03:51	2647693975	2647694502	1709
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 12:04:59	2647711527	2647712054	1709
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 12:06:02	2647727558	2647728085	1709
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 12:07:10	2647745108	2647745635	1709
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 12:08:13	2647761140	2647761667	1709
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 12:09:21	2647778690	2647779217	1709
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 12:10:24	2647794722	2647795249	1709
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 12:11:33	2647812273	2647812800	1709
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 12:12:35	2647828304	2647828831	1709
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 12:13:44	2647845854	2647846381	1709
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 12:15:07	2647862246	2647862773	1709
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 12:16:31	2647888638	2647889165	1709
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 12:17:55	2647910030	2647910557	1709
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 12:19:18	2647931423	2647931950	1709
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 12:20:42	2647952815	2647953342	1709
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 12:22:05	2647974206	2647974733	1709
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 12:23:29	2647995598	2647996125	1709
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 12:28:03	2648065839	2648066366	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:28:49	2648077655	2648078182	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:30:13	2648099047	2648099574	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:31:36	2648120440	2648120967	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:33:00	2648141832	2648142359	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:34:24	2648163224	2648163751	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:35:47	2648184616	2648185143	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:37:11	2648206007	2648206534	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:38:34	2648227399	2648227926	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:39:58	2648248791	2648249318	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:41:21	2648270183	2648270710	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:42:45	2648291575	2648292102	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:44:08	2648312967	2648313494	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:45:32	2648334359	2648334886	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:46:56	2648355751	2648356278	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:48:19	2648377144	2648377671	1709
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 12:49:43	2648398536	2648399063	1709
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 12:54:12	2648467590	2648468117	1710
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 12:55:15	2648483621	2648484148	1710

## 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)	28-Jun-2002 12:56:18	2648499651	2648500178	1710
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 12:57:20	2648515682	2648516209	1710
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 12:58:23	2648531713	2648532504	1710
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	28-Jun-2002 12:59:41	2648551668	2648552459	1710
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 13:00:14	2648560040	2648561390	1710
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 13:00:57	2648571229	2648571756	1710
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 13:02:00	2648587260	2648587787	1710
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 13:03:03	2648603291	2648603818	1710
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 13:04:05	2648619323	2648619850	1710
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 13:05:08	2648635354	2648635881	1710
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 13:06:31	2648656745	2648657272	1710
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 13:07:34	2648672776	2648673303	1710
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 13:08:58	2648694168	2648694695	1710
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 13:10:00	2648710199	2648710726	1710
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 13:11:24	2648731591	2648732118	1710
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 13:12:26	2648747622	2648748149	1710
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:13:35	2648765173	2648765700	1710
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 13:14:38	2648781204	2648781731	1710
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:15:46	2648798756	2648799283	1710
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:16:49	2648814786	2648815313	1710
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:17:57	2648832338	2648832865	1710
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:19:00	2648848368	2648848895	1710
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:20:08	2648865920	2648866447	1710
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:21:11	2648881951	2648882478	1710
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:22:20	2648899501	2648900028	1710
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:23:22	2648915532	2648916059	1710
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:24:31	2648933084	2648933611	1710
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:25:33	2648949115	2648949642	1710
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:26:42	2648966665	2648967192	1710
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 13:27:45	2648982696	2648983223	1710
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:28:53	2649000247	2649000774	1710
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 13:29:56	2649016278	2649016805	1710
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:31:04	2649033830	2649034357	1710
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 13:32:07	2649049860	2649050387	1710
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:33:16	2649067411	2649067938	1710
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 13:34:18	2649083443	2649083970	1710
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:35:27	2649100993	2649101520	1710
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 13:36:29	2649117025	2649117552	1710
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:37:38	2649134575	2649135102	1710
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:38:41	2649150606	2649151133	1710
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 13:39:49	2649168159	2649168686	1710
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:40:52	2649184188	2649184715	1710
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 13:42:00	2649201739	2649202266	1710
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:43:03	2649217770	2649218297	1710
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 13:44:11	2649235321	2649235848	1710
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 13:45:14	2649251353	2649251880	1710
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 13:46:23	2649268903	2649269430	1710
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 13:47:25	2649284934	2649285461	1710
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 13:48:34	2649302485	2649303012	1710
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 13:49:36	2649318516	2649319043	1710
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 13:50:45	2649336067	2649336594	1710
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 13:51:48	2649352098	2649352625	1710
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 13:52:56	2649369649	2649370176	1710
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 13:54:20	2649391041	2649391568	1710
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 13:55:43	2649412434	2649412961	1710
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 13:57:07	2649433826	2649434353	1710
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 13:58:30	2649455218	2649455745	1710
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 13:59:54	2649476609	2649477136	1710
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 14:01:18	2649498001	2649498528	1710
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 14:02:41	2649519394	2649519921	1710

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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
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 14:04:05	2649540785	2649541312	1710
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 14:08:39	2649611033	2649612176	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:09:25	2649622850	2649623377	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:10:49	2649644242	2649644769	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:12:12	2649665634	2649666161	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:13:36	2649687027	2649687554	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:14:59	2649708419	2649708946	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:16:23	2649729810	2649730337	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:17:47	2649751202	2649751729	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:19:10	2649772595	2649773122	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:20:34	2649793986	2649794513	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:21:57	2649815378	2649815905	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:23:21	2649836770	2649837297	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:24:44	2649858162	2649858689	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:26:08	2649879554	2649880081	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:27:32	2649900946	2649901473	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:28:55	2649922340	2649922867	1710
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 14:30:19	2649943730	2649944257	1710
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 14:34:48	2650012783	2650013310	1711
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 14:35:51	2650028813	2650029340	1711
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 14:36:54	2650044844	2650045371	1711
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 14:37:56	2650060875	2650061402	1711
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 14:38:59	2650076907	2650077698	1711
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	28-Jun-2002 14:40:17	2650096861	2650097652	1711
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 14:40:50	2650105242	2650106592	1711
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 14:41:33	2650116432	2650116959	1711
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 14:42:36	2650132463	2650132990	1711
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 14:43:39	2650148495	2650149022	1711
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 14:44:41	2650164526	2650165053	1711
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 14:45:44	2650180556	2650181083	1711
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 14:47:07	2650201948	2650202475	1711
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 14:48:10	2650217979	2650218506	1711
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 14:49:34	2650239372	2650239899	1711
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 14:50:36	2650255404	2650255931	1711
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 14:52:00	2650276794	2650277321	1711
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 14:53:02	2650292825	2650293352	1711
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 14:54:11	2650310376	2650310903	1711
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 14:55:13	2650326407	2650326934	1711
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 14:56:22	2650343960	2650344487	1711
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 14:57:25	2650359989	2650360516	1711
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 14:58:33	2650377540	2650378067	1711
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 14:59:36	2650393572	2650394099	1711
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:00:44	2650411122	2650411649	1711
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:01:47	2650427155	2650427682	1711
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:02:56	2650444704	2650445231	1711
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:03:58	2650460736	2650461263	1711
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:05:07	2650478286	2650478813	1711
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:06:09	2650494318	2650494845	1711
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:07:18	2650511868	2650512395	1711
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 15:08:21	2650527900	2650528427	1711
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:09:29	2650545451	2650545978	1711
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 15:10:32	2650561481	2650562008	1711
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:11:40	2650579032	2650579559	1711
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 15:12:43	2650595063	2650595590	1711
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:13:51	2650612614	2650613141	1711
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 15:14:54	2650628645	2650629172	1711
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:16:03	2650646196	2650646723	1711
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 15:17:05	2650662227	2650662754	1711
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:18:14	2650679778	2650680305	1711

## 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 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:19:16	2650695809	2650696336	1711
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 15:20:25	2650713361	2650713888	1711
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:21:28	2650729391	2650729918	1711
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 15:22:36	2650746943	2650747470	1711
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:23:39	2650762973	2650763500	1711
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 15:24:47	2650780524	2650781051	1711
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 15:25:50	2650796556	2650797083	1711
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 15:26:59	2650814107	2650814634	1711
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 15:28:01	2650830137	2650830664	1711
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 15:29:10	2650847688	2650848215	1711
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 15:30:12	2650863719	2650864246	1711
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 15:31:21	2650881271	2650881798	1711
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 15:32:24	2650897301	2650897828	1711
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 15:33:32	2650914852	2650915379	1711
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 15:34:56	2650936244	2650936771	1711
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 15:36:19	2650957637	2650958164	1711
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 15:37:43	2650979028	2650979555	1711
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 15:39:06	2651000421	2651000948	1711
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 15:40:30	2651021813	2651022340	1711
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 15:41:53	2651043204	2651043731	1711
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 15:43:17	2651064597	2651065124	1711
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 15:44:41	2651085988	2651086515	1711
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 15:49:15	2651156261	2651157404	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:50:01	2651168078	2651168605	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:51:25	2651189471	2651189998	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:52:48	2651210862	2651211389	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:54:12	2651232254	2651232781	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:55:36	2651253646	2651254173	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:56:59	2651275039	2651275566	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:58:23	2651296430	2651296957	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 15:59:46	2651317822	2651318349	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:01:10	2651339215	2651339742	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:02:33	2651360606	2651361133	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:03:57	2651381998	2651382525	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:05:20	2651403390	2651403917	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:06:44	2651424783	2651425310	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:08:08	2651446175	2651446702	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:09:31	2651467566	2651468093	1711
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 16:10:55	2651488958	2651489485	1711
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 16:15:24	2651557994	2651558521	1712
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 16:16:27	2651574026	2651574553	1712
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 16:17:30	2651590056	2651590583	1712
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 16:18:32	2651606087	2651606614	1712
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 16:19:35	2651622118	2651622909	1712
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	28-Jun-2002 16:20:53	2651642073	2651642864	1712
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 16:21:26	2651650461	2651651811	1712
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 16:22:09	2651661651	2651662178	1712
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 16:23:12	2651677682	2651678209	1712
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 16:24:15	2651693713	2651694240	1712
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 16:25:17	2651709744	2651710271	1712
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 16:26:41	2651731137	2651731664	1712
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 16:27:43	2651747167	2651747694	1712
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 16:29:07	2651768560	2651769087	1712
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 16:30:10	2651784590	2651785117	1712
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 16:31:33	2651805983	2651806510	1712
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 16:32:36	2651822014	2651822541	1712
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 16:33:59	2651843405	2651843932	1712
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 16:35:02	2651859436	2651859963	1712

## 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	13	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:36:10	2651876987	2651877514	1712
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 16:37:13	2651893020	2651893547	1712
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:38:22	2651910570	2651911097	1712
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 16:39:24	2651926600	2651927127	1712
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:40:33	2651944151	2651944678	1712
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 16:41:35	2651960182	2651960709	1712
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:42:44	2651977733	2651978260	1712
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 16:43:47	2651993765	2651994292	1712
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:44:55	2652011315	2652011842	1712
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 16:45:58	2652027346	2652027873	1712
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:47:06	2652044897	2652045424	1712
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 16:48:09	2652060928	2652061455	1712
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:49:18	2652078479	2652079006	1712
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 16:50:20	2652094510	2652095037	1712
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:51:29	2652112061	2652112588	1712
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 16:52:31	2652128092	2652128619	1712
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:53:40	2652145644	2652146171	1712
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 16:54:42	2652161674	2652162201	1712
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:55:51	2652179226	2652179753	1712
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 16:56:54	2652195256	2652195783	1712
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 16:58:02	2652212807	2652213334	1712
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 16:59:05	2652228838	2652229365	1712
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 17:00:13	2652246389	2652246916	1712
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 17:01:16	2652262421	2652262948	1712
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 17:02:25	2652279972	2652280499	1712
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 17:03:27	2652296002	2652296529	1712
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 17:04:36	2652313553	2652314080	1712
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 17:05:38	2652329584	2652330111	1712
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 17:06:47	2652347135	2652347662	1712
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 17:07:50	2652363167	2652363694	1712
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 17:08:58	2652380717	2652381244	1712
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 17:10:01	2652396749	2652397276	1712
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 17:11:09	2652414299	2652414826	1712
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 17:12:12	2652430330	2652430857	1712
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 17:13:20	2652447882	2652448409	1712
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 17:14:23	2652463912	2652464439	1712
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 17:15:32	2652481463	2652481990	1712
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 17:16:55	2652502855	2652503382	1712
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 17:18:19	2652524248	2652524775	1712
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 17:19:42	2652545639	2652546166	1712
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 17:21:06	2652567031	2652567558	1712
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 17:22:29	2652588424	2652588951	1712
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 17:23:53	2652609817	2652610344	1712
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 17:25:17	2652631207	2652631734	1712
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 17:29:51	2652701498	2652702641	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:30:37	2652713316	2652713843	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:32:01	2652734709	2652735236	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:33:24	2652756101	2652756628	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:34:48	2652777493	2652778020	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:36:12	2652798885	2652799412	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:37:35	2652820276	2652820803	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:38:59	2652841668	2652842195	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:40:22	2652863060	2652863587	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:41:46	2652884453	2652884980	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:43:09	2652905845	2652906372	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:44:33	2652927237	2652927764	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:45:57	2652948628	2652949155	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:47:20	2652970020	2652970547	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:48:44	2652991412	2652991939	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:50:07	2653012804	2653013331	1712
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 17:51:31	2653034196	2653034723	1712
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 17:56:00	2653103213	2653103740	1713

## 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	2	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 17:57:03	2653119243	2653119770	1713
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 17:58:06	2653135275	2653135802	1713
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 17:59:08	2653151305	2653151832	1713
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	28-Jun-2002 18:00:11	2653167336	2653168127	1713
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	28-Jun-2002 18:01:29	2653187292	2653188083	1713
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	28-Jun-2002 18:02:02	2653195676	2653197026	1713
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	28-Jun-2002 18:02:45	2653206867	2653207394	1713
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 18:03:48	2653222897	2653223424	1713
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	28-Jun-2002 18:04:51	2653238928	2653239455	1713
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 18:05:53	2653254959	2653255486	1713
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 18:07:17	2653276351	2653276878	1713
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 18:08:19	2653292383	2653292910	1713
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 18:09:43	2653313774	2653314301	1713
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 18:10:46	2653329806	2653330333	1713
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 18:12:09	2653351197	2653351724	1713
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 18:13:12	2653367228	2653367755	1713
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 18:14:35	2653388621	2653389148	1713
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 18:15:38	2653404651	2653405178	1713
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:16:46	2653422202	2653422729	1713
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 18:17:49	2653438234	2653438761	1713
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:18:58	2653455784	2653456311	1713
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:20:00	2653471817	2653472344	1713
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:21:09	2653489366	2653489893	1713
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:22:11	2653505397	2653505924	1713
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:23:20	2653522949	2653523476	1713
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:24:23	2653538979	2653539506	1713
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:25:31	2653556530	2653557057	1713
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:26:34	2653572561	2653573088	1713
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:27:42	2653590113	2653590640	1713
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:28:45	2653606144	2653606671	1713
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:29:54	2653623694	2653624221	1713
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 18:30:56	2653639725	2653640252	1713
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:32:05	2653657276	2653657803	1713
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 18:33:07	2653673307	2653673834	1713
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:34:16	2653690858	2653691385	1713
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 18:35:18	2653706890	2653707417	1713
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:36:27	2653724440	2653724967	1713
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 18:37:30	2653740471	2653740998	1713
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:38:38	2653758023	2653758550	1713
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	28-Jun-2002 18:39:41	2653774054	2653774581	1713
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:40:49	2653791604	2653792131	1713
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:41:52	2653807636	2653808163	1713
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	28-Jun-2002 18:43:01	2653825187	2653825714	1713
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:44:03	2653841219	2653841746	1713
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 18:45:12	2653858769	2653859296	1713
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:46:14	2653874800	2653875327	1713
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 18:47:23	2653892351	2653892878	1713
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	28-Jun-2002 18:48:26	2653908381	2653908908	1713
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	28-Jun-2002 18:49:34	2653925933	2653926460	1713
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 18:50:37	2653941963	2653942490	1713
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 18:51:45	2653959515	2653960042	1713
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	28-Jun-2002 18:52:48	2653975546	2653976073	1713
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	28-Jun-2002 18:53:56	2653993096	2653993623	1713
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	28-Jun-2002 18:54:59	2654009128	2654009655	1713
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 18:56:08	2654026679	2654027206	1713
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	28-Jun-2002 18:57:31	2654048070	2654048597	1713
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 18:58:55	2654069462	2654069989	1713
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	28-Jun-2002 19:00:18	2654090855	2654091382	1713
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 19:01:42	2654112246	2654112773	1713



## 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	54	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 19:03:05	2654133638	2654134165	1713
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 19:04:29	2654155032	2654155559	1713
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	28-Jun-2002 19:05:53	2654176422	2654176949	1713
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 19:10:27	2654246715	2654247858	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:11:13	2654258533	2654259060	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:12:37	2654279925	2654280452	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:14:00	2654301318	2654301845	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:15:24	2654322711	2654323238	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:16:48	2654344101	2654344628	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:18:11	2654365494	2654366021	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:19:35	2654386885	2654387412	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:20:58	2654408277	2654408804	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:22:22	2654429669	2654430196	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:23:45	2654451061	2654451588	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:25:09	2654472455	2654472982	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:26:33	2654493845	2654494372	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:27:56	2654515237	2654515764	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:29:20	2654536629	2654537156	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:30:43	2654558021	2654558548	1713
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	28-Jun-2002 19:32:07	2654579414	2654579941	1713
Memory Effect/WLS oscillations OBJ 78/83	39	1	WLS_Fast_In_1	35	Low Data Rate (400 kHz)	28-Jun-2002 19:43:27	2654753474	2654754880	1714
Memory Effect/WLS oscillations OBJ 78/83	39	2	D_WLS_long	8	Low Data Rate (400 kHz)	28-Jun-2002 19:45:18	2654781980	2654783386	1714
Memory Effect/WLS oscillations OBJ 78/83	39	3	WLS_Fast_Out_3	42	Low Data Rate (400 kHz)	28-Jun-2002 19:45:59	2654792565	2654793971	1714
Memory Effect/WLS oscillations OBJ 78/83	39	4	D_WLS_long	8	Low Data Rate (400 kHz)	28-Jun-2002 19:47:51	2654821071	2654822477	1714
Memory Effect/WLS oscillations OBJ 78/83	39	5	WLS_Fast_Out_4	43	Low Data Rate (400 kHz)	28-Jun-2002 19:48:32	2654831656	2654833062	1714
Memory Effect/WLS oscillations OBJ 78/83	39	6	D_WLS_long	8	Low Data Rate (400 kHz)	28-Jun-2002 19:49:23	2654844801	2654846207	1714
Memory Effect/WLS oscillations OBJ 78/83	39	7	WLS_Fast_Out_5	44	Low Data Rate (400 kHz)	28-Jun-2002 19:50:05	2654855386	2654856792	1714
Memory Effect/WLS oscillations OBJ 78/83	39	8	D_WLS_long	8	Low Data Rate (400 kHz)	28-Jun-2002 19:50:56	2654868531	2654869937	1714
Memory Effect/WLS oscillations OBJ 78/83	39	9	WLS_long	13	Low Data Rate (400 kHz)	28-Jun-2002 19:51:38	2654879116	2654880522	1714
Memory Effect/WLS oscillations OBJ 78/83	39	10	D_WLS_long	8	Low Data Rate (400 kHz)	28-Jun-2002 19:52:19	2654889701	2654891107	1714
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 20:51:03	2655791910	2655793053	1714
Internal straylight OBJ 184: S_TCFOV	26	1	S_TCFOV	14	High Data Rate (1867 kHz)	28-Jun-2002 21:21:27	2656258771	2656259562	1715
Internal straylight OBJ 184: SS_TCFOV	27	1	SS_TCFOV	34	Low Data Rate (400 kHz)	28-Jun-2002 21:54:46	2656770557	2656771595	1715
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	28-Jun-2002 22:31:39	2657337094	2657338237	1715
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 00:12:15	2658882281	2658883424	1716
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 01:52:51	2660427484	2660428627	1717
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 03:33:27	2661972712	2661973585	1718
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 05:14:03	2663517946	2663519089	1719
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 06:54:39	2665063174	2665064317	1720
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 07:20:48	2665464824	2665465351	1721
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 07:21:51	2665480856	2665481383	1721
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 07:22:53	2665496886	2665497413	1721
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 07:23:56	2665512917	2665513444	1721
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 07:24:58	2665528948	2665529739	1721
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	29-Jun-2002 07:26:16	2665548909	2665549700	1721
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 07:26:49	2665557269	2665558619	1721
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 08:35:15	2666608381	2666609524	1721
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 09:01:24	2667010011	2667010538	1722
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 09:02:26	2667026042	2667026569	1722
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 09:03:29	2667042073	2667042600	1722
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 09:04:32	2667058105	2667058632	1722
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 09:05:34	2667074135	2667074926	1722
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	29-Jun-2002 09:06:52	2667094097	2667094888	1722

## 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
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 09:07:25	2667102458	2667103808	1722
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 10:15:51	2668153575	2668154718	1722
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 10:42:00	2668555196	2668555723	1723
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 10:43:02	2668571227	2668571754	1723
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 10:44:05	2668587258	2668587785	1723
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 10:45:08	2668603289	2668603816	1723
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 10:46:10	2668619321	2668620112	1723
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	29-Jun-2002 10:47:28	2668639282	2668640073	1723
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 10:48:01	2668647647	2668648997	1723
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 11:56:27	2669698765	2669699908	1723
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 12:22:36	2670100375	2670100902	1724
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 12:23:38	2670116406	2670116933	1724
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 12:24:41	2670132436	2670132963	1724
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 12:25:43	2670148467	2670148994	1724
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 12:26:46	2670164499	2670165290	1724
Pre: Sun_Nadir_Mirror_Calibration (nominal scanning)	6	1	Pre_66	66	High Data Rate (1867 kHz)	29-Jun-2002 12:28:04	2670184460	2670185251	1724
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 12:28:37	2670192832	2670194182	1724
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 13:37:03	2671243950	2671245093	1724
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 14:03:11	2671645563	2671646090	1725
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 14:04:14	2671661594	2671662121	1725
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 14:05:17	2671677626	2671678153	1725
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 14:06:19	2671693656	2671694183	1725
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 14:07:22	2671709687	2671710478	1725
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	29-Jun-2002 14:08:40	2671729651	2671730442	1725
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 14:09:13	2671738032	2671739382	1725
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 15:17:39	2672789172	2672790315	1725
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 15:43:47	2673190773	2673191300	1726
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 15:44:50	2673206803	2673207330	1726
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 15:45:53	2673222835	2673223362	1726
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 15:46:55	2673238866	2673239393	1726
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 15:47:58	2673254896	2673255687	1726
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	29-Jun-2002 15:49:16	2673274859	2673275650	1726
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 15:49:49	2673283250	2673284600	1726
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 16:58:15	2674334415	2674335558	1726
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 17:24:23	2674735994	2674736521	1727
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 17:25:26	2674752024	2674752551	1727
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 17:26:29	2674768056	2674768583	1727

## 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	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 17:27:31	2674784086	2674784613	1727
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 17:28:34	2674800119	2674800910	1727
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	29-Jun-2002 17:29:52	2674820081	2674820872	1727
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 17:30:25	2674828470	2674829820	1727
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 18:38:51	2675879642	2675880785	1727
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 19:04:59	2676281217	2676281744	1728
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 19:06:02	2676297248	2676297775	1728
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 19:07:05	2676313278	2676313805	1728
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 19:08:07	2676329310	2676329837	1728
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 19:09:10	2676345340	2676346131	1728
Pre: Sun_Nadir_Mirror_Calibration (nominal scanning)	6	1	Pre_66	66	High Data Rate (1867 kHz)	29-Jun-2002 19:10:28	2676365304	2676366095	1728
Sun_Diffuser variation angle OBJ 46/182	45	1	S_Diff_var	36	High Data Rate (1867 kHz)	29-Jun-2002 19:11:01	2676373687	2676375037	1728
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 20:19:27	2677424846	2677425989	1728
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 20:45:35	2677826419	2677826946	1729
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 20:46:38	2677842449	2677842976	1729
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 20:47:41	2677858480	2677859007	1729
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 20:48:43	2677874511	2677875038	1729
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	29-Jun-2002 20:49:46	2677890542	2677891333	1729
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	29-Jun-2002 20:51:04	2677910507	2677911298	1729
Pre: ESM: Sun_Diffuser (ND in)	8	1	Pre_62	62	High Data Rate (1867 kHz)	29-Jun-2002 20:51:37	2677918886	2677920236	1729
Pre: Limb/Nadir Sequence 1	25	1	Pre_28	28	Low Data Rate (400 kHz)	29-Jun-2002 20:52:39	2677934930	2677935457	1729
Pre: Limb/Nadir Sequence 1	25	2	Pre_29	29	Low Data Rate (400 kHz)	29-Jun-2002 20:53:42	2677950961	2677951488	1729
Pre: Limb/Nadir Sequence 1	25	3	Pre_29	29	Low Data Rate (400 kHz)	29-Jun-2002 20:54:45	2677969692	2677967519	1729
Pre: Limb/Nadir Sequence 1	25	4	Pre_30	30	Low Data Rate (400 kHz)	29-Jun-2002 20:55:47	2677983024	2677983551	1729
Pre: Limb/Nadir Sequence 1	25	5	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 20:56:50	2677999054	2677999581	1729
Pre: Limb/Nadir Sequence 1	25	6	Pre_30	30	Low Data Rate (400 kHz)	29-Jun-2002 20:58:13	2678020446	2678020973	1729
Pre: Limb/Nadir Sequence 1	25	7	Pre_02	2	Low Data Rate (400 kHz)	29-Jun-2002 20:59:16	2678036477	2678037004	1729
Pre: Limb/Nadir Sequence 1	25	8	Pre_30	30	Low Data Rate (400 kHz)	29-Jun-2002 21:00:40	2678057869	2678058396	1729
Pre: Limb/Nadir Sequence 1	25	9	Pre_03	3	Low Data Rate (400 kHz)	29-Jun-2002 21:01:42	2678073901	2678074428	1729
Pre: Limb/Nadir Sequence 1	25	10	Pre_31	31	Low Data Rate (400 kHz)	29-Jun-2002 21:03:06	2678095292	2678095819	1729
Pre: Limb/Nadir Sequence 1	25	11	Pre_04	4	Low Data Rate (400 kHz)	29-Jun-2002 21:04:08	2678111323	2678111850	1729
Pre: Limb/Nadir Sequence 1	25	12	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:05:17	2678128874	2678129401	1729
Pre: Limb/Nadir Sequence 1	25	13	Pre_05	5	Low Data Rate (400 kHz)	29-Jun-2002 21:06:19	2678144905	2678145432	1729
Pre: Limb/Nadir Sequence 1	25	14	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:07:28	2678162458	2678162985	1729
Pre: Limb/Nadir Sequence 1	25	15	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:08:31	2678178487	2678179014	1729
Pre: Limb/Nadir Sequence 1	25	16	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:09:39	2678196038	2678196565	1729
Pre: Limb/Nadir Sequence 1	25	17	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:10:42	2678212070	2678212597	1729
Pre: Limb/Nadir Sequence 1	25	18	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:11:50	2678229621	2678230148	1729
Pre: Limb/Nadir Sequence 1	25	19	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:12:53	2678245652	2678246179	1729
Pre: Limb/Nadir Sequence 1	25	20	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:14:02	2678263202	2678263729	1729
Pre: Limb/Nadir Sequence 1	25	21	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:15:04	2678279234	2678279761	1729
Pre: Limb/Nadir Sequence 1	25	22	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:16:13	2678296784	2678297311	1729
Pre: Limb/Nadir Sequence 1	25	23	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:17:15	2678312816	2678313343	1729
Pre: Limb/Nadir Sequence 1	25	24	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:18:24	2678330366	2678330893	1729
Pre: Limb/Nadir Sequence 1	25	25	Pre_07	7	Low Data Rate (400 kHz)	29-Jun-2002 21:19:27	2678346397	2678346924	1729
Pre: Limb/Nadir Sequence 1	25	26	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:20:35	2678363948	2678364475	1729
Pre: Limb/Nadir Sequence 1	25	27	Pre_07	7	Low Data Rate (400 kHz)	29-Jun-2002 21:21:38	2678379979	2678380506	1729
Pre: Limb/Nadir Sequence 1	51	1	Pre_60	60	Low Data Rate (400 kHz)	29-Jun-2002 21:23:09	2678403398	2678404436	1729
Pre: Limb/Nadir Sequence 1	51	2	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:23:38	2678410685	2678411212	1729
Pre: Limb/Nadir Sequence 1	51	3	Pre_07	7	Low Data Rate (400 kHz)	29-Jun-2002 21:24:40	2678426715	2678427242	1729

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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	51	4	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:25:49	2678444266	2678444793	1729
Pre: Limb/Nadir Sequence 1	51	5	Pre_07	7	Low Data Rate (400 kHz)	29-Jun-2002 21:26:51	2678460297	2678460824	1729
Pre: Limb/Nadir Sequence 1	51	6	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:28:00	2678477850	2678478377	1729
Pre: Limb/Nadir Sequence 1	51	7	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:29:03	2678493879	2678494406	1729
Pre: Limb/Nadir Sequence 1	51	8	Pre_32	32	Low Data Rate (400 kHz)	29-Jun-2002 21:30:11	2678511430	2678511957	1729
Pre: Limb/Nadir Sequence 1	51	9	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:31:14	2678527461	2678527988	1729
Pre: Limb/Nadir Sequence 1	51	10	Pre_31	31	Low Data Rate (400 kHz)	29-Jun-2002 21:32:22	2678545013	2678545540	1729
Pre: Limb/Nadir Sequence 1	51	11	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:33:25	2678561044	2678561571	1729
Pre: Limb/Nadir Sequence 1	51	12	Pre_31	31	Low Data Rate (400 kHz)	29-Jun-2002 21:34:34	2678578594	2678579121	1729
Pre: Limb/Nadir Sequence 1	51	13	Pre_06	6	Low Data Rate (400 kHz)	29-Jun-2002 21:35:36	2678594625	2678595152	1729
Pre: Limb/Nadir Sequence 1	51	14	Pre_31	31	Low Data Rate (400 kHz)	29-Jun-2002 21:36:45	2678612176	2678612703	1729
Pre: Limb/Nadir Sequence 1	51	15	Pre_05	5	Low Data Rate (400 kHz)	29-Jun-2002 21:37:47	2678628208	2678628735	1729
Pre: Limb/Nadir Sequence 1	51	16	Pre_30	30	Low Data Rate (400 kHz)	29-Jun-2002 21:38:56	2678645758	2678646285	1729
Pre: Limb/Nadir Sequence 1	51	17	Pre_05	5	Low Data Rate (400 kHz)	29-Jun-2002 21:39:59	2678661789	2678662316	1729
Pre: Limb/Nadir Sequence 1	51	18	Pre_30	30	Low Data Rate (400 kHz)	29-Jun-2002 21:41:07	2678679340	2678679867	1729
Pre: Limb/Nadir Sequence 1	51	19	Pre_04	4	Low Data Rate (400 kHz)	29-Jun-2002 21:42:10	2678695371	2678695898	1729
Pre: Limb/Nadir Sequence 1	51	20	Pre_03	3	Low Data Rate (400 kHz)	29-Jun-2002 21:43:18	2678712922	2678713449	1729
Pre: Limb/Nadir Sequence 1	51	21	Pre_03	3	Low Data Rate (400 kHz)	29-Jun-2002 21:44:42	2678734314	2678734841	1729
Pre: Limb/Nadir Sequence 1	51	22	Pre_02	2	Low Data Rate (400 kHz)	29-Jun-2002 21:46:05	2678755706	2678756233	1729
Pre: Limb/Nadir Sequence 1	51	23	Pre_02	2	Low Data Rate (400 kHz)	29-Jun-2002 21:47:29	2678777098	2678777625	1729
Pre: Limb/Nadir Sequence 1	51	24	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:48:53	2678798490	2678799017	1729
Pre: Limb/Nadir Sequence 1	51	25	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:50:16	2678819882	2678820409	1729
Pre: Limb/Nadir Sequence 1	51	26	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:51:40	2678841275	2678841802	1729
Pre: Limb/Nadir Sequence 1	51	27	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:53:03	2678862666	2678863193	1729
Pre: Limb/Nadir Sequence 1	51	28	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:54:27	2678884058	2678884585	1729
Pre: Limb/Nadir Sequence 1	51	29	Pre_01	1	Low Data Rate (400 kHz)	29-Jun-2002 21:55:50	2678905451	2678905978	1729
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 22:00:03	2678970032	2678971175	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:00:49	2678981850	2678982377	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:02:12	2679003243	2679003770	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:03:36	2679024635	2679025162	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:04:59	2679046026	2679046553	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:06:23	2679067418	2679067945	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:07:47	2679088810	2679089337	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:09:10	2679110203	2679110730	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:10:34	2679131594	2679132121	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:11:57	2679152987	2679153514	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:13:21	2679174379	2679174906	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:14:44	2679195770	2679196297	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:16:08	2679217162	2679217689	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:17:32	2679238554	2679239081	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:18:55	2679259946	2679260473	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:20:19	2679281339	2679281866	1729
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	29-Jun-2002 22:21:42	2679302730	2679303257	1729
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	29-Jun-2002 23:40:39	2680515220	2680516363	1730
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 00:06:47	2680916785	2680917312	1731
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 00:07:50	2680932816	2680933343	1731
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 00:08:52	2680948848	2680949375	1731
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 00:09:55	2680964878	2680965405	1731
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	30-Jun-2002 00:10:58	2680980910	2680981701	1731
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 00:13:17	2681016479	2681017006	1731
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 00:14:19	2681032509	2681033036	1731
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 00:15:22	2681048540	2681049067	1731
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 00:16:24	2681064571	2681065098	1731
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 00:17:27	2681080603	2681081130	1731
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 00:18:51	2681101994	2681102521	1731
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 00:19:53	2681118025	2681118552	1731
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 00:21:17	2681139417	2681139944	1731
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 00:22:19	2681155448	2681155975	1731
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 00:23:43	2681176840	2681177367	1731

## 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	11	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 00:24:46	2681192871	2681193398	1731
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:25:54	2681210422	2681210949	1731
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 00:26:57	2681226453	2681226980	1731
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:28:05	2681244006	2681244533	1731
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:29:08	2681260035	2681260562	1731
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:30:17	2681277586	2681278113	1731
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:31:19	2681293618	2681294145	1731
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:32:28	2681311168	2681311695	1731
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:33:30	2681327201	2681327728	1731
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:34:39	2681344750	2681345277	1731
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:35:42	2681360781	2681361308	1731
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:36:50	2681378333	2681378860	1731
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:37:53	2681394363	2681394890	1731
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:39:01	2681411915	2681412442	1731
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 00:40:04	2681427945	2681428472	1731
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:41:12	2681445496	2681446023	1731
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 00:42:15	2681461527	2681462054	1731
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:43:24	2681479078	2681479605	1731
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 00:44:26	2681495110	2681495637	1731
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:45:35	2681512660	2681513187	1731
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 00:46:37	2681528691	2681529218	1731
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:47:46	2681546242	2681546769	1731
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 00:48:49	2681562273	2681562800	1731
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:49:57	2681579824	2681580351	1731
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:51:00	2681595855	2681596382	1731
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 00:52:08	2681613407	2681613934	1731
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:53:11	2681629437	2681629964	1731
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 00:54:19	2681646988	2681647515	1731
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:55:22	2681663020	2681663547	1731
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 00:56:31	2681680570	2681681097	1731
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 00:57:33	2681696602	2681697129	1731
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 00:58:42	2681714152	2681714679	1731
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 00:59:44	2681730184	2681730711	1731
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 01:00:53	2681747734	2681748261	1731
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 01:01:56	2681763765	2681764292	1731
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 01:03:04	2681781317	2681781844	1731
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 01:04:07	2681797348	2681797875	1731
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 01:05:15	2681814899	2681815426	1731
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 01:06:39	2681836290	2681836817	1731
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 01:08:03	2681857682	2681858209	1731
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 01:09:26	2681879074	2681879601	1731
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:10:50	2681900466	2681900993	1731
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:12:13	2681921859	2681922386	1731
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:13:37	2681943250	2681943777	1731
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:15:00	2681964643	2681965170	1731
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:16:24	2681986034	2681986561	1731
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 01:21:14	2682060414	2682061557	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:22:01	2682072232	2682072759	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:23:24	2682093624	2682094151	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:24:48	2682115016	2682115543	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:26:11	2682136409	2682136936	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:27:35	2682157800	2682158327	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:28:58	2682179192	2682179719	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:30:22	2682200585	2682201112	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:31:46	2682221976	2682222503	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:33:09	2682243369	2682243896	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:34:33	2682264760	2682265287	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:35:56	2682286153	2682286680	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:37:20	2682307544	2682308071	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:38:43	2682328936	2682329463	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:40:07	2682350329	2682350856	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:41:30	2682371720	2682372247	1731
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 01:42:54	2682393113	2682393640	1731

## 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, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 01:47:23	2682461965	2682462492	1732
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 01:48:26	2682477996	2682478523	1732
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 01:49:28	2682494028	2682494555	1732
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 01:50:31	2682510058	2682510585	1732
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	30-Jun-2002 01:51:33	2682526089	2682526880	1732
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 01:53:52	2682561657	2682562184	1732
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 01:54:55	2682577688	2682578215	1732
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 01:55:58	2682593719	2682594246	1732
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:57:00	2682609751	2682610278	1732
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 01:58:24	2682631142	2682631669	1732
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 01:59:26	2682647173	2682647700	1732
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 02:00:50	2682668565	2682669092	1732
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 02:01:53	2682684596	2682685123	1732
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 02:03:16	2682705989	2682706516	1732
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 02:04:19	2682722020	2682722547	1732
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 02:05:42	2682743411	2682743938	1732
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 02:06:45	2682759442	2682759969	1732
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:07:54	2682776993	2682777520	1732
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 02:08:56	2682793025	2682793552	1732
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:10:05	2682810575	2682811102	1732
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:11:07	2682826607	2682827134	1732
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:12:16	2682844158	2682844685	1732
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:13:19	2682860188	2682860715	1732
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:14:27	2682877739	2682878266	1732
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:15:30	2682893770	2682894297	1732
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:16:38	2682911322	2682911849	1732
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:17:41	2682927353	2682927880	1732
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:18:49	2682944904	2682945431	1732
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:19:52	2682960934	2682961461	1732
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:21:01	2682978485	2682979012	1732
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 02:22:03	2682994517	2682995044	1732
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:23:12	2683012068	2683012595	1732
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 02:24:14	2683028099	2683028626	1732
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:25:23	2683045650	2683046177	1732
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 02:26:26	2683061680	2683062207	1732
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:27:34	2683079231	2683079758	1732
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 02:28:37	2683095263	2683095790	1732
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:29:45	2683112813	2683113340	1732
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 02:30:48	2683128844	2683129371	1732
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:31:57	2683146395	2683146922	1732
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:32:59	2683162426	2683162953	1732
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 02:34:08	2683179977	2683180504	1732
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:35:10	2683196009	2683196536	1732
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 02:36:19	2683213560	2683214087	1732
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:37:22	2683229591	2683230118	1732
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 02:38:30	2683247142	2683247669	1732
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 02:39:33	2683263172	2683263699	1732
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 02:40:41	2683280724	2683281251	1732
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 02:41:44	2683296754	2683297281	1732
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 02:42:52	2683314305	2683314832	1732
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 02:43:55	2683330336	2683330863	1732
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 02:45:04	2683347888	2683348415	1732
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 02:46:06	2683363919	2683364446	1732
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 02:47:15	2683381470	2683381997	1732
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 02:48:38	2683402861	2683403388	1732
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 02:50:02	2683424254	2683424781	1732
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 02:51:26	2683445445	2683446172	1732
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 02:52:49	2683467037	2683467564	1732
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 02:54:13	2683488429	2683488956	1732

## 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	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 02:55:36	2683509821	2683510348	1732
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 02:57:00	2683531214	2683531741	1732
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 03:01:50	2683605638	2683606781	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:02:37	2683617456	2683617983	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:04:00	2683638849	2683639376	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:05:24	2683660241	2683660768	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:06:47	2683681633	2683682160	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:08:11	2683703024	2683703551	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:09:34	2683724416	2683724943	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:10:58	2683745809	2683746336	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:12:22	2683767200	2683767727	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:13:45	2683788592	2683789119	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:15:09	2683809985	2683810512	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:16:32	2683831377	2683831904	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:17:56	2683852768	2683853295	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:19:19	2683874160	2683874687	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:20:43	2683895553	2683896080	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:22:07	2683916945	2683917472	1732
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 03:23:30	2683938336	2683938863	1732
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 04:42:27	2685150881	2685152024	1733
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 05:08:35	2685552407	2685552934	1734
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 05:09:38	2685568438	2685568965	1734
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 05:10:40	2685584470	2685584997	1734
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 05:11:43	2685600500	2685601027	1734
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 05:12:46	2685616531	2685617322	1734
Pre: Sun Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	30-Jun-2002 05:14:04	2685636499	2685637290	1734
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 05:14:15	2685639428	2685639955	1734
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 05:15:18	2685655459	2685655986	1734
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 05:16:20	2685671492	2685672019	1734
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 05:17:23	2685687521	2685688048	1734
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 05:18:25	2685703552	2685704079	1734
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 05:19:49	2685724944	2685725471	1734
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 05:20:52	2685740975	2685741502	1734
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 05:22:15	2685762369	2685762896	1734
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 05:23:18	2685778398	2685778925	1734
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 05:24:41	2685799790	2685800317	1734
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 05:25:44	2685815822	2685816349	1734
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:26:53	2685833373	2685833900	1734
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 05:27:55	2685849405	2685849932	1734
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:29:04	2685866954	2685867481	1734
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:30:06	2685882985	2685883512	1734
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:31:15	2685900536	2685901063	1734
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:32:18	2685916567	2685917094	1734
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:33:26	2685934119	2685934646	1734
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:34:29	2685950150	2685950677	1734
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:35:37	2685967700	2685968227	1734
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:36:40	2685983732	2685984259	1734
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:37:48	2686001283	2686001810	1734
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:38:51	2686017314	2686017841	1734
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:40:00	2686034864	2686035391	1734
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 05:41:02	2686050895	2686051422	1734
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:42:11	2686068446	2686068973	1734
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 05:43:13	2686084477	2686085004	1734
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:44:22	2686102028	2686102555	1734
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 05:45:25	2686118060	2686118587	1734
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:46:33	2686135611	2686136138	1734
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 05:47:36	2686151641	2686152168	1734
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:48:44	2686169193	2686169720	1734
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 05:49:47	2686185223	2686185750	1734

## 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	34	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:50:56	2686202774	2686203301	1734
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:51:58	2686218806	2686219333	1734
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 05:53:07	2686236356	2686236883	1734
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:54:09	2686252387	2686252914	1734
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 05:55:18	2686269939	2686270466	1734
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:56:21	2686285969	2686286496	1734
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 05:57:29	2686303521	2686304048	1734
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 05:58:32	2686319551	2686320078	1734
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 05:59:40	2686337102	2686337629	1734
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 06:00:43	2686353133	2686353660	1734
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 06:01:51	2686370685	2686371212	1734
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 06:02:54	2686386716	2686387243	1734
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 06:04:03	2686404266	2686404793	1734
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 06:05:05	2686420297	2686420824	1734
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 06:06:14	2686437848	2686438375	1734
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 06:07:37	2686459240	2686459767	1734
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 06:09:01	2686480632	2686481159	1734
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 06:10:24	2686500204	2686500521	1734
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:11:48	2686523418	2686523945	1734
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:13:12	2686544808	2686545335	1734
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:14:35	2686566201	2686566728	1734
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:15:59	2686587592	2686588119	1734
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:17:22	2686608984	2686609511	1734
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 06:23:03	2686696114	2686697257	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:23:49	2686707931	2686708458	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:25:12	2686729322	2686729850	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:26:36	2686750715	2686751242	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:27:59	2686772107	2686772634	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:29:23	2686793499	2686794026	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:30:47	2686814891	2686815418	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:32:10	2686836284	2686836811	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:33:34	2686857676	2686858203	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:34:57	2686879067	2686879594	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:36:21	2686900460	2686900987	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:37:44	2686921851	2686922378	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:39:08	2686943244	2686943771	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:40:32	2686964635	2686965162	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:41:55	2686986028	2686986555	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:43:19	2687007419	2687007946	1734
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 06:44:42	2687028811	2687029338	1734
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 06:49:11	2687097627	2687098154	1735
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 06:50:14	2687113657	2687114184	1735
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 06:51:16	2687129688	2687130215	1735
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 06:52:19	2687145719	2687146246	1735
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 06:53:22	2687161750	2687162541	1735
Pre: Sun_Nadir_Mirror_Calibration (pointing)	5	1	Pre_64	64	High Data Rate (1867 kHz)	30-Jun-2002 06:54:40	2687181718	2687182509	1735
Pre: ESM: Sun_Diffuser (ND out)	7	1	Pre_52	52	High Data Rate (1867 kHz)	30-Jun-2002 06:55:13	2687190217	2687191435	1735
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 06:55:55	2687201142	2687201669	1735
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 06:56:58	2687217173	2687217700	1735
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 06:58:01	2687233205	2687233732	1735
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 06:59:03	2687249235	2687249762	1735
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 07:00:27	2687270628	2687271155	1735
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 07:01:29	2687286658	2687287185	1735
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 07:02:53	2687308050	2687308577	1735
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 07:03:56	2687324081	2687324608	1735
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 07:05:19	2687345474	2687346001	1735
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 07:06:22	2687361505	2687362032	1735
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 07:07:45	2687382896	2687383423	1735



## 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	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 07:08:48	2687398927	2687399454	1735
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:09:57	2687416478	2687417005	1735
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 07:10:59	2687432510	2687433037	1735
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:12:08	2687450061	2687450588	1735
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:13:10	2687466092	2687466619	1735
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:14:19	2687483642	2687484169	1735
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:15:22	2687499673	2687500200	1735
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:16:30	2687517225	2687517752	1735
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:17:33	2687533256	2687533783	1735
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:18:41	2687550806	2687551333	1735
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:19:44	2687566837	2687567364	1735
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:20:52	2687584388	2687584915	1735
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:21:55	2687600419	2687600946	1735
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:23:04	2687617970	2687618497	1735
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 07:24:06	2687634001	2687634528	1735
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:25:15	2687651552	2687652079	1735
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 07:26:17	2687667583	2687668110	1735
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:27:26	2687685134	2687685661	1735
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 07:28:29	2687701165	2687701692	1735
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:29:37	2687718717	2687719244	1735
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 07:30:40	2687734747	2687735274	1735
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:31:48	2687752299	2687752826	1735
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 07:32:51	2687768329	2687768856	1735
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:34:00	2687785880	2687786407	1735
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:35:02	2687801912	2687802439	1735
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 07:36:11	2687819462	2687819989	1735
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:37:13	2687835493	2687836020	1735
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 07:38:22	2687853044	2687853571	1735
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:39:25	2687869075	2687869602	1735
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 07:40:33	2687886626	2687887153	1735
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 07:41:36	2687902658	2687903185	1735
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 07:42:44	2687920208	2687920735	1735
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 07:43:47	2687936239	2687936766	1735
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 07:44:55	2687953790	2687954317	1735
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 07:45:58	2687969821	2687970348	1735
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 07:47:07	2687987373	2687987900	1735
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 07:48:09	2688003403	2688003930	1735
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 07:49:18	2688020954	2688021481	1735
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 07:50:41	2688042346	2688042873	1735
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 07:52:05	2688063738	2688064265	1735
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 07:53:28	2688085130	2688085657	1735
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 07:54:52	2688106523	2688107050	1735
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 07:56:16	2688127914	2688128441	1735
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 07:57:39	2688149307	2688149834	1735
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 07:59:03	2688170698	2688171225	1735
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 08:03:39	2688241328	2688242471	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:04:25	2688253145	2688253672	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:05:48	2688274538	2688275065	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:07:12	2688295929	2688296456	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:08:35	2688317321	2688317848	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:09:59	2688338713	2688339240	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:11:23	2688360105	2688360632	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:12:46	2688381498	2688382025	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:14:10	2688402889	2688403416	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:15:33	2688424281	2688424808	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:16:57	2688445674	2688446201	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:18:20	2688467065	2688467592	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:19:44	2688488457	2688488984	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:21:08	2688509850	2688510377	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:22:31	2688531242	2688531769	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:23:55	2688552633	2688553160	1735
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 08:25:18	2688574026	2688574553	1735
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 08:29:47	2688642822	2688643349	1736

## 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	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 08:30:50	2688658852	2688659379	1736
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 08:31:52	2688674883	2688675410	1736
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 08:32:55	2688690914	2688691441	1736
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 08:33:57	2688706946	2688707737	1736
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	30-Jun-2002 08:35:15	2688726915	2688727706	1736
Pre: ESM: Sun_Diffuser (ND in)	8	1	Pre_62	62	High Data Rate (1867 kHz)	30-Jun-2002 08:35:48	2688735281	2688736631	1736
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 08:36:32	2688746469	2688746996	1736
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 08:37:34	2688762501	2688763028	1736
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 08:38:37	2688778532	2688779059	1736
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 08:39:40	2688794562	2688795089	1736
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 08:41:03	2688815954	2688816481	1736
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 08:42:06	2688831985	2688832512	1736
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 08:43:29	2688853378	2688853905	1736
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 08:44:32	2688869409	2688869936	1736
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 08:45:56	2688890800	2688891327	1736
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 08:46:58	2688906831	2688907358	1736
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 08:48:22	2688928223	2688928750	1736
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 08:49:24	2688944255	2688944782	1736
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 08:50:33	2688961805	2688962332	1736
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 08:51:36	2688977836	2688978363	1736
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 08:52:44	2688995388	2688995915	1736
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 08:53:47	2689011418	2689011945	1736
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 08:54:55	2689028970	2689029497	1736
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 08:55:58	2689045001	2689045528	1736
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 08:57:07	2689062551	2689063078	1736
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 08:58:09	2689078583	2689079110	1736
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 08:59:18	2689096133	2689096660	1736
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:00:20	2689112165	2689112692	1736
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:01:29	2689129715	2689130242	1736
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:02:32	2689145747	2689146274	1736
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:03:40	2689163298	2689163825	1736
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 09:04:43	2689179328	2689179855	1736
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:05:51	2689196880	2689197407	1736
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 09:06:54	2689212910	2689213437	1736
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:08:02	2689230462	2689230989	1736
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 09:09:05	2689246493	2689247020	1736
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:10:14	2689264043	2689264570	1736
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 09:11:16	2689280074	2689280601	1736
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:12:25	2689297626	2689298153	1736
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 09:13:27	2689313656	2689314183	1736
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:14:36	2689331207	2689331734	1736
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:15:39	2689347238	2689347765	1736
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 09:16:47	2689364790	2689365317	1736
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:17:50	2689380821	2689381348	1736
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 09:18:58	2689398372	2689398899	1736
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:20:01	2689414402	2689414929	1736
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 09:21:10	2689431953	2689432480	1736
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 09:22:12	2689447985	2689448512	1736
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 09:23:21	2689465535	2689466062	1736
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 09:24:23	2689481567	2689482094	1736
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 09:25:32	2689499117	2689499644	1736
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 09:26:34	2689515148	2689515675	1736
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 09:27:43	2689532700	2689533227	1736
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 09:28:46	2689548730	2689549257	1736
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 09:29:54	2689566282	2689566809	1736
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 09:31:18	2689587673	2689588200	1736
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 09:32:41	2689609065	2689609592	1736
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 09:34:05	2689630457	2689630984	1736
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 09:35:28	2689651849	2689652376	1736

## 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	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 09:36:52	2689673242	2689673769	1736
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 09:38:16	2689694633	2689695160	1736
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 09:39:39	2689716026	2689716553	1736
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 09:44:15	2689786528	2689787671	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:45:01	2689798346	2689798873	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:46:24	2689819737	2689820264	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:47:48	2689841129	2689841656	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:49:11	2689862521	2689863048	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:50:35	2689883914	2689884441	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:51:59	2689905305	2689905832	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:53:22	2689926700	2689927227	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:54:46	2689948090	2689948617	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:56:09	2689969481	2689970008	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:57:33	2689990874	2689991401	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 09:58:56	2690012265	2690012792	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 10:00:20	2690033657	2690034184	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 10:01:43	2690055050	2690055577	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 10:03:07	2690076442	2690076969	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 10:04:31	2690097833	2690098360	1736
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 10:05:54	2690119225	2690119752	1736
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 10:10:23	2690188007	2690188534	1737
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 10:11:25	2690204038	2690204565	1737
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 10:12:28	2690220071	2690220598	1737
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 10:13:31	2690236100	2690236627	1737
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 10:14:33	2690252131	2690252922	1737
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	30-Jun-2002 10:15:51	2690272101	2690272892	1737
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 10:16:03	2690275030	2690275557	1737
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 10:17:05	2690291061	2690291588	1737
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 10:18:08	2690307093	2690307620	1737
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 10:19:11	2690323124	2690323651	1737
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 10:20:13	2690339154	2690339681	1737
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 10:21:37	2690360546	2690361073	1737
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 10:22:39	2690376577	2690377104	1737
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 10:24:03	2690397970	2690398497	1737
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 10:25:06	2690414000	2690414527	1737
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 10:26:29	2690435392	2690435919	1737
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 10:27:32	2690451423	2690451950	1737
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:28:40	2690468974	2690469501	1737
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 10:29:43	2690485006	2690485533	1737
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:30:52	2690502556	2690503083	1737
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:31:54	2690518587	2690519114	1737
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:33:03	2690536138	2690536665	1737
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:34:05	2690552170	2690552697	1737
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:35:14	2690569720	2690570247	1737
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:36:17	2690585751	2690586278	1737
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:37:25	2690603303	2690603830	1737
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:38:28	2690619333	2690619860	1737
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:39:36	2690636884	2690637411	1737
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:40:39	2690652915	2690653442	1737
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:41:47	2690670466	2690670993	1737
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 10:42:50	2690686498	2690687025	1737
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:43:59	2690704048	2690704575	1737
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 10:45:01	2690720079	2690720606	1737
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:46:10	2690737630	2690738157	1737
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 10:47:12	2690753661	2690754188	1737
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:48:21	2690771213	2690771740	1737
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 10:49:24	2690787243	2690787770	1737
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:50:32	2690804795	2690805322	1737
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 10:51:35	2690820825	2690821352	1737

## 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	34	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:52:43	2690838376	2690838903	1737
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:53:46	2690854407	2690854934	1737
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 10:54:55	2690871958	2690872485	1737
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:55:57	2690887989	2690888516	1737
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 10:57:06	2690905540	2690906067	1737
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 10:58:08	2690921571	2690922098	1737
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 10:59:17	2690939123	2690939650	1737
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 11:00:20	2690955153	2690955680	1737
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 11:01:28	2690972705	2690973232	1737
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 11:02:31	2690988735	2690989262	1737
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 11:03:39	2691006287	2691006814	1737
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 11:04:42	2691022318	2691022845	1737
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 11:05:50	2691039868	2691040395	1737
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 11:06:53	2691055900	2691056427	1737
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 11:08:02	2691073450	2691073977	1737
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 11:09:25	2691094842	2691095369	1737
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 11:10:49	2691116234	2691116761	1737
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 11:12:12	2691137626	2691138153	1737
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 11:13:36	2691159019	2691159546	1737
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 11:14:59	2691180410	2691180937	1737
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 11:16:23	2691201802	2691202329	1737
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 11:17:47	2691223194	2691223721	1737
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 11:19:10	2691244586	2691245113	1737
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 11:24:50	2691331720	2691332863	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:25:37	2691343537	2691344064	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:27:00	2691364929	2691365456	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:28:24	2691386322	2691386849	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:29:47	2691407713	2691408240	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:31:11	2691429105	2691429632	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:32:34	2691450498	2691451025	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:33:58	2691471890	2691472417	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:35:22	2691493282	2691493809	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:36:45	2691514673	2691515200	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:38:09	2691536066	2691536593	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:39:32	2691557457	2691557984	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:40:56	2691578849	2691579376	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:42:19	2691600242	2691600769	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:43:43	2691621633	2691622160	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:45:07	2691643025	2691643552	1737
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 11:46:30	2691664418	2691664945	1737
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 11:50:59	2691733189	2691733716	1738
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 11:52:01	2691749219	2691749746	1738
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 11:53:04	2691765250	2691765777	1738
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 11:54:07	2691781281	2691781808	1738
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 11:55:09	2691797312	2691798103	1738
Pre: Sun Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	30-Jun-2002 11:56:27	2691817282	2691818073	1738
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 11:56:39	2691820212	2691820739	1738
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 11:57:41	2691836243	2691836770	1738
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 11:58:44	2691852273	2691852800	1738
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 11:59:47	2691868304	2691868831	1738
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:00:49	2691884335	2691884862	1738
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 12:02:13	2691905728	2691906255	1738
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 12:03:15	2691921759	2691922286	1738
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 12:04:39	2691943150	2691943677	1738
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 12:05:41	2691959181	2691959708	1738
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 12:07:05	2691980574	2691981101	1738
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 12:08:08	2691996605	2691997132	1738
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:09:16	2692014155	2692014682	1738
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 12:10:19	2692030186	2692030713	1738

## 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)	30-Jun-2002 12:11:27	2692047737	2692048264	1738
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:12:30	2692063769	2692064296	1738
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:13:39	2692081320	2692081847	1738
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:14:41	2692097350	2692097877	1738
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:15:50	2692114901	2692115428	1738
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:16:52	2692130932	2692131459	1738
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:18:01	2692148484	2692149011	1738
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:19:04	2692164515	2692165042	1738
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:20:12	2692182065	2692182592	1738
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:21:15	2692198096	2692198623	1738
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:22:23	2692215648	2692216175	1738
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 12:23:26	2692231679	2692232206	1738
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:24:34	2692249229	2692249756	1738
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 12:25:37	2692265260	2692265787	1738
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:26:46	2692282811	2692283338	1738
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 12:27:48	2692298842	2692299369	1738
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:28:57	2692316393	2692316920	1738
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 12:29:59	2692332424	2692332951	1738
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:31:08	2692349976	2692350503	1738
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 12:32:11	2692366006	2692366533	1738
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:33:19	2692383558	2692384085	1738
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:34:22	2692399588	2692400115	1738
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 12:35:30	2692417139	2692417666	1738
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:36:33	2692433171	2692433698	1738
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 12:37:42	2692450722	2692451249	1738
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:38:44	2692466753	2692467280	1738
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 12:39:53	2692484303	2692484830	1738
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 12:40:55	2692500334	2692500861	1738
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 12:42:04	2692517885	2692518412	1738
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 12:43:07	2692533917	2692534444	1738
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 12:44:15	2692551468	2692551995	1738
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 12:45:18	2692567498	2692568025	1738
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 12:46:26	2692585050	2692585577	1738
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 12:47:29	2692601080	2692601607	1738
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 12:48:37	2692618632	2692619159	1738
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 12:50:01	2692640023	2692640550	1738
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 12:51:25	2692661415	2692661942	1738
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 12:52:48	2692682807	2692683334	1738
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:54:12	2692704199	2692704726	1738
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:55:35	2692725591	2692726118	1738
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:56:59	2692746983	2692747510	1738
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:58:22	2692768376	2692768903	1738
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 12:59:46	2692789768	2692790295	1738
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 13:05:26	2692876909	2692878052	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:06:13	2692888726	2692889253	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:07:36	2692910118	2692910645	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:09:00	2692931510	2692932037	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:10:23	2692952903	2692953430	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:11:47	2692974294	2692974821	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:13:10	2692995687	2692996214	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:14:34	2693017078	2693017605	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:15:57	2693038470	2693038997	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:17:21	2693059863	2693060390	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:18:45	2693081254	2693081781	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:20:08	2693102647	2693103174	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:21:32	2693124038	2693124565	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:22:55	2693145430	2693145957	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:24:19	2693166822	2693167349	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:25:42	2693188214	2693188741	1738
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 13:27:06	2693209606	2693210133	1738
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 13:31:35	2693278373	2693278900	1739
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 13:32:37	2693294403	2693294930	1739

## 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)	30-Jun-2002 13:33:40	2693310434	2693310961	1739
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 13:34:42	2693326466	2693326993	1739
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 13:35:45	2693342496	2693343287	1739
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	30-Jun-2002 13:37:03	2693362466	2693363257	1739
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 13:37:15	2693365395	2693365922	1739
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 13:38:17	2693381426	2693381953	1739
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 13:39:20	2693397457	2693397984	1739
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 13:40:22	2693413488	2693414015	1739
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 13:41:46	2693434800	2693435407	1739
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 13:42:49	2693450911	2693451438	1739
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 13:44:12	2693472303	2693472830	1739
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 13:45:15	2693488335	2693488862	1739
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 13:46:38	2693509727	2693510254	1739
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 13:47:41	2693525757	2693526284	1739
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 13:49:04	2693547149	2693547676	1739
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 13:50:07	2693563181	2693563708	1739
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 13:51:16	2693580731	2693581258	1739
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 13:52:18	2693596762	2693597289	1739
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 13:53:27	2693614313	2693614840	1739
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 13:54:29	2693630344	2693630871	1739
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 13:55:38	2693647896	2693648423	1739
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 13:56:41	2693663926	2693664453	1739
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 13:57:49	2693681478	2693682005	1739
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 13:58:52	2693697508	2693698035	1739
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:00:00	2693715059	2693715586	1739
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:01:03	2693731091	2693731618	1739
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:02:12	2693748641	2693749168	1739
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:03:14	2693764673	2693765200	1739
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:04:23	2693782223	2693782750	1739
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 14:05:25	2693798254	2693798781	1739
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:06:34	2693815805	2693816332	1739
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 14:07:37	2693831836	2693832363	1739
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:08:45	2693849388	2693849915	1739
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 14:09:48	2693865418	2693865945	1739
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:10:56	2693882969	2693883496	1739
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 14:11:59	2693899000	2693899527	1739
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:13:07	2693916551	2693917078	1739
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 14:14:10	2693932583	2693933110	1739
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:15:19	2693950133	2693950660	1739
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:16:21	2693966164	2693966691	1739
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 14:17:30	2693983716	2693984243	1739
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:18:32	2693999746	2694000273	1739
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 14:19:41	2694017298	2694017825	1739
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:20:44	2694033328	2694033855	1739
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 14:21:52	2694050879	2694051406	1739
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 14:22:55	2694066910	2694067437	1739
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 14:24:03	2694084461	2694084988	1739
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 14:25:06	2694100493	2694101020	1739
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 14:26:15	2694118043	2694118570	1739
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 14:27:17	2694134075	2694134602	1739
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 14:28:26	2694151626	2694152153	1739
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 14:29:28	2694167656	2694168183	1739
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 14:30:37	2694185208	2694185735	1739
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 14:32:00	2694206600	2694207127	1739
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 14:33:24	2694227993	2694228520	1739
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 14:34:48	2694249383	2694249910	1739
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 14:36:11	2694270775	2694271302	1739
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 14:37:35	2694292167	2694292694	1739
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 14:38:58	2694313559	2694314086	1739
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 14:40:22	2694334952	2694335479	1739

## 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)	30-Jun-2002 14:46:02	2694422117	2694423260	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:46:49	2694433935	2694434462	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:48:12	2694455328	2694455855	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:49:36	2694476719	2694477246	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:50:59	2694498111	2694498638	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:52:23	2694519503	2694520030	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:53:46	2694540895	2694541422	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:55:10	2694562287	2694562814	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:56:33	2694583679	2694584206	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:57:57	2694605074	2694605601	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 14:59:21	2694626463	2694626990	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:00:44	2694647855	2694648382	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:02:08	2694669248	2694669775	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:03:31	2694690640	2694691167	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:04:55	2694712032	2694712559	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:06:18	2694733424	2694733951	1739
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 15:07:42	2694754817	2694755344	1739
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 15:12:11	2694823575	2694824102	1740
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 15:13:13	2694839606	2694840133	1740
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 15:14:16	2694855637	2694856164	1740
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 15:15:18	2694871668	2694872195	1740
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	30-Jun-2002 15:16:21	2694887700	2694888491	1740
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	30-Jun-2002 15:17:39	2694907671	2694908462	1740
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 15:17:50	2694910599	2694911126	1740
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 15:18:53	2694926630	2694927157	1740
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 15:19:56	2694942661	2694943188	1740
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 15:20:58	2694958692	2694959219	1740
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 15:22:22	2694980085	2694980612	1740
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 15:23:25	2694996115	2694996642	1740
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 15:24:48	2695017507	2695018034	1740
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 15:25:51	2695033538	2695034065	1740
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 15:27:14	2695054930	2695055457	1740
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 15:28:17	2695070962	2695071489	1740
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 15:29:40	2695092353	2695092880	1740
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 15:30:43	2695108384	2695108911	1740
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:31:52	2695125935	2695126462	1740
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 15:32:54	2695141966	2695142493	1740
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:34:03	2695159518	2695160045	1740
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:35:05	2695175548	2695176075	1740
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:36:14	2695193099	2695193626	1740
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:37:17	2695209130	2695209657	1740
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:38:25	2695226681	2695227208	1740
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:39:28	2695242713	2695243240	1740
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:40:36	2695260263	2695260790	1740
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:41:39	2695276295	2695276822	1740
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:42:48	2695293845	2695294372	1740
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:43:50	2695309876	2695310403	1740
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:44:59	2695327427	2695327954	1740
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 15:46:01	2695343458	2695343985	1740
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:47:10	2695361009	2695361536	1740
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 15:48:13	2695377049	2695377576	1740
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:49:21	2695394592	2695395119	1740
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 15:50:24	2695410622	2695411149	1740
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:51:32	2695428173	2695428700	1740
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 15:52:35	2695444205	2695444732	1740
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:53:43	2695461755	2695462282	1740
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 15:54:46	2695477787	2695478314	1740
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:55:55	2695495338	2695495865	1740

## 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	36	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:56:57	2695511368	2695511895	1740
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 15:58:06	2695528920	2695529447	1740
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 15:59:08	2695544950	2695545477	1740
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 16:00:17	2695562520	2695563029	1740
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 16:01:20	2695578533	2695579060	1740
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 16:02:28	2695596084	2695596611	1740
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 16:03:31	2695612115	2695612642	1740
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 16:04:39	2695629666	2695630193	1740
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 16:05:42	2695645697	2695646224	1740
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 16:06:51	2695663247	2695663774	1740
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 16:07:53	2695679278	2695679805	1740
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 16:09:02	2695696829	2695697356	1740
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 16:10:04	2695712861	2695713388	1740
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 16:11:13	2695730411	2695730938	1740
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 16:12:36	2695751804	2695752331	1740
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 16:14:00	2695773196	2695773723	1740
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 16:15:24	2695794587	2695795114	1740
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 16:16:47	2695815979	2695816506	1740
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 16:18:11	2695837372	2695837899	1740
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 16:19:34	2695858763	2695859290	1740
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 16:20:58	2695880155	2695880682	1740
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 16:26:38	2695967359	2695968502	1740
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 18:07:15	2697512595	2697513738	1741
SF State OBJ 94	36	1	S_SFE_3	9	High Data Rate (1867 kHz)	30-Jun-2002 18:38:33	2697993561	2697994352	1742
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 19:47:51	2699057808	2699058951	1742
SF State OBJ 94	37	1	S_SFE_4	10	High Data Rate (1867 kHz)	30-Jun-2002 20:18:39	2699531034	2699531825	1743
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 21:28:26	2700603002	2700604145	1743
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 21:54:34	2701004421	2701004948	1744
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 21:55:37	2701020451	2701020978	1744
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 21:56:40	2701036482	2701037009	1744
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 21:57:42	2701052513	2701053040	1744
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	30-Jun-2002 21:58:45	2701068544	2701069335	1744
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 22:01:04	2701104113	2701104640	1744
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 22:02:07	2701120144	2701120671	1744
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 22:03:09	2701136176	2701136703	1744
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 22:04:12	2701152206	2701152733	1744
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 22:05:14	2701168238	2701168765	1744
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 22:06:38	2701189630	2701190157	1744
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 22:07:41	2701205661	2701206188	1744
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 22:09:04	2701227052	2701227579	1744
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 22:10:07	2701243083	2701243610	1744
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 22:11:30	2701264475	2701265002	1744
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 22:12:33	2701280506	2701281033	1744
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:13:41	2701298057	2701298584	1744
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 22:14:44	2701314089	2701314616	1744
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:15:53	2701331639	2701332166	1744
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:16:55	2701347671	2701348198	1744
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:18:04	2701365252	2701365749	1744
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:19:06	2701381222	2701381779	1744
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:20:15	2701398804	2701399331	1744
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:21:18	2701414835	2701415362	1744
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:22:26	2701432385	2701432912	1744
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:23:29	2701448417	2701448944	1744
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:24:37	2701465967	2701466494	1744
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:25:40	2701481998	2701482525	1744
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:26:49	2701499549	2701500076	1744
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 22:27:51	2701515580	2701516107	1744
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:29:00	2701533131	2701533658	1744
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 22:30:02	2701549162	2701549689	1744



## 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	28	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:31:11	2701566713	2701567240	1744
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 22:32:14	2701582745	2701583272	1744
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:33:22	2701600296	2701600823	1744
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 22:34:25	2701616327	2701616854	1744
Pre: Limb/Nadir Sequence 1	50	32	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:35:33	2701633878	2701634405	1744
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	30-Jun-2002 22:36:36	2701649908	2701650435	1744
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:37:44	2701667459	2701667986	1744
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:38:47	2701683490	2701684017	1744
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 22:39:56	2701701041	2701701568	1744
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:40:58	2701717073	2701717600	1744
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 22:42:07	2701734624	2701735151	1744
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:43:09	2701750654	2701751181	1744
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 22:44:18	2701768206	2701768733	1744
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 22:45:21	2701784236	2701784763	1744
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 22:46:29	2701801788	2701802315	1744
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 22:47:32	2701817819	2701818346	1744
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 22:48:40	2701835369	2701835896	1744
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 22:49:43	2701851401	2701851928	1744
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 22:50:52	2701868951	2701869478	1744
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 22:51:54	2701884983	2701885510	1744
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 22:53:03	2701902533	2701903060	1744
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 22:54:26	2701923925	2701924452	1744
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 22:55:50	2701945318	2701945845	1744
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 22:57:13	2701966709	2701967236	1744
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 22:58:37	2701988101	2701988628	1744
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:00:01	2702009493	2702010020	1744
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:01:24	2702030885	2702031412	1744
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:02:48	2702052278	2702052805	1744
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:04:11	2702073670	2702074197	1744
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	30-Jun-2002 23:09:02	2702148191	2702149334	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:09:48	2702160009	2702160536	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:11:12	2702181401	2702181928	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:12:36	2702202793	2702203320	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:13:59	2702224185	2702224712	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:15:23	2702245577	2702246104	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:16:46	2702266969	2702267496	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:18:10	2702288362	2702288889	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:19:33	2702309754	2702310281	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:20:57	2702331145	2702331672	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:22:21	2702352537	2702353064	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:23:44	2702373930	2702374457	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:25:08	2702395322	2702395849	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:26:31	2702416713	2702417240	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:27:55	2702438106	2702438633	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:29:18	2702459497	2702460024	1744
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	30-Jun-2002 23:30:42	2702480889	2702481416	1744
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 23:35:10	2702549607	2702550134	1745
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 23:36:13	2702565639	2702566166	1745
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 23:37:16	2702581669	2702582196	1745
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 23:38:18	2702597700	2702598227	1745
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	30-Jun-2002 23:39:21	2702613732	2702614523	1745
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	30-Jun-2002 23:41:40	2702649300	2702649827	1745
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 23:42:42	2702665330	2702665857	1745
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	30-Jun-2002 23:43:45	2702681362	2702681889	1745
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:44:48	2702697392	2702697919	1745
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 23:46:11	2702718784	2702719311	1745
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	30-Jun-2002 23:47:14	2702734816	2702735343	1745
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 23:48:37	2702756207	2702756734	1745
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	30-Jun-2002 23:49:40	2702772239	2702772766	1745

## 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	9	Pre_30	30	Low Data Rate (400 kHz)	30-Jun-2002 23:51:04	2702793630	2702794157	1745
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	30-Jun-2002 23:52:06	2702809661	2702810188	1745
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	30-Jun-2002 23:53:30	2702831054	2702831581	1745
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	30-Jun-2002 23:54:32	2702847084	2702847611	1745
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 23:55:41	2702864637	2702865164	1745
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	30-Jun-2002 23:56:44	2702880666	2702881193	1745
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	30-Jun-2002 23:57:52	2702898218	2702898745	1745
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	30-Jun-2002 23:58:55	2702914249	2702914776	1745
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:00:03	2702931799	2702932326	1745
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:01:06	2702947831	2702948358	1745
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:02:14	2702965382	2702965909	1745
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:03:17	2702981413	2702981940	1745
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:04:26	2702998963	2702999490	1745
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:05:28	2703014994	2703015521	1745
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:06:37	2703032546	2703033073	1745
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:07:39	2703048576	2703049103	1745
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:08:48	2703066128	2703066655	1745
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 00:09:51	2703082158	2703082685	1745
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:10:59	2703099709	2703100236	1745
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 00:12:02	2703115741	2703116268	1745
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:13:10	2703133291	2703133818	1745
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 00:14:13	2703149322	2703149849	1745
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:15:22	2703166873	2703167400	1745
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 00:16:24	2703182904	2703183431	1745
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:17:33	2703200456	2703200983	1745
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 00:18:35	2703216486	2703217013	1745
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:19:44	2703234037	2703234564	1745
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:20:47	2703250068	2703250595	1745
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 00:21:55	2703267620	2703268147	1745
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:22:58	2703283650	2703284177	1745
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 00:24:06	2703301201	2703301728	1745
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:25:09	2703317232	2703317759	1745
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 00:26:17	2703334783	2703335310	1745
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 00:27:20	2703350815	2703351342	1745
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 00:28:29	2703368366	2703368893	1745
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 00:29:31	2703384396	2703384923	1745
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 00:30:40	2703401949	2703402476	1745
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 00:31:42	2703417978	2703418505	1745
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 00:32:51	2703435529	2703436056	1745
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 00:33:54	2703451560	2703452087	1745
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 00:35:02	2703469111	2703469638	1745
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 00:36:26	2703490505	2703491032	1745
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 00:37:49	2703511895	2703512422	1745
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 00:39:13	2703533287	2703533814	1745
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 00:40:36	2703554679	2703555206	1745
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 00:42:00	2703576071	2703576598	1745
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 00:43:24	2703597463	2703597990	1745
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 00:44:47	2703618855	2703619382	1745
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 00:49:38	2703693384	2703694527	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:50:24	2703705201	2703705728	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:51:48	2703726593	2703727120	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:53:12	2703747985	2703748512	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:54:35	2703769377	2703769904	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:55:59	2703790769	2703791296	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:57:22	2703812161	2703812688	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 00:58:46	2703833554	2703834081	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:00:09	2703854945	2703855472	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:01:33	2703876337	2703876864	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:02:56	2703897729	2703898256	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:04:20	2703919121	2703919648	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:05:44	2703940513	2703941040	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:07:07	2703961905	2703962432	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:08:31	2703983298	2703983825	1745
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:09:54	2704004690	2704005217	1745

## 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	16	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 01:11:18	2704026081	2704026608	1745
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 02:30:14	2705238605	2705239748	1746
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 02:56:22	2705639986	2705640513	1747
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 02:57:25	2705656017	2705656544	1747
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 02:58:27	2705672047	2705672574	1747
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 02:59:30	2705688078	2705688605	1747
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	01-Jul-2002 03:00:33	2705704109	2705704900	1747
Pre: Sun_Calibration (fast sweep scanning)	3	1	Pre_50	50	High Data Rate (1867 kHz)	01-Jul-2002 03:01:51	2705724083	2705724874	1747
Pre: ESM: Sun_Diffuser (ND in)	8	1	Pre_62	62	High Data Rate (1867 kHz)	01-Jul-2002 03:02:23	2705732482	2705733832	1747
Pre: Limb/Nadir Sequence 1	25	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 03:03:26	2705748560	2705749087	1747
Pre: Limb/Nadir Sequence 1	25	2	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 03:04:29	2705764591	2705765118	1747
Pre: Limb/Nadir Sequence 1	25	3	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 03:05:31	2705780621	2705781148	1747
Pre: Limb/Nadir Sequence 1	25	4	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 03:06:34	2705796652	2705797179	1747
Pre: Limb/Nadir Sequence 1	25	5	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 03:07:37	2705812684	2705813211	1747
Pre: Limb/Nadir Sequence 1	25	6	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 03:09:00	2705834075	2705834602	1747
Pre: Limb/Nadir Sequence 1	25	7	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 03:10:03	2705850107	2705850634	1747
Pre: Limb/Nadir Sequence 1	25	8	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 03:11:26	2705871498	2705872025	1747
Pre: Limb/Nadir Sequence 1	25	9	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 03:12:29	2705887529	2705888056	1747
Pre: Limb/Nadir Sequence 1	25	10	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 03:13:53	2705908922	2705909449	1747
Pre: Limb/Nadir Sequence 1	25	11	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 03:14:55	2705924953	2705925480	1747
Pre: Limb/Nadir Sequence 1	25	12	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:16:04	2705942503	2705943030	1747
Pre: Limb/Nadir Sequence 1	25	13	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 03:17:06	2705958534	2705959061	1747
Pre: Limb/Nadir Sequence 1	25	14	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:18:15	2705976086	2705976613	1747
Pre: Limb/Nadir Sequence 1	25	15	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:19:18	2705992116	2705992643	1747
Pre: Limb/Nadir Sequence 1	25	16	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:20:26	2706009668	2706010195	1747
Pre: Limb/Nadir Sequence 1	25	17	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:21:29	2706025698	2706026225	1747
Pre: Limb/Nadir Sequence 1	25	18	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:22:37	2706043249	2706043776	1747
Pre: Limb/Nadir Sequence 1	25	19	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:23:40	2706059280	2706059807	1747
Pre: Limb/Nadir Sequence 1	25	20	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:24:49	2706076831	2706077358	1747
Pre: Limb/Nadir Sequence 1	25	21	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:25:51	2706092863	2706093390	1747
Pre: Limb/Nadir Sequence 1	25	22	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:27:00	2706110414	2706110941	1747
Pre: Limb/Nadir Sequence 1	25	23	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:28:02	2706126444	2706126971	1747
Pre: Limb/Nadir Sequence 1	25	24	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:29:11	2706143995	2706144522	1747
Pre: Limb/Nadir Sequence 1	25	25	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 03:30:14	2706160026	2706160553	1747
Pre: Limb/Nadir Sequence 1	25	26	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:31:22	2706177578	2706178105	1747
Pre: Limb/Nadir Sequence 1	25	27	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 03:32:25	2706193609	2706194136	1747
Pre: Limb/Nadir Sequence 1	51	1	Pre_60	60	Low Data Rate (400 kHz)	01-Jul-2002 03:33:56	2706217061	2706218099	1747
Pre: Limb/Nadir Sequence 1	51	2	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:34:25	2706224347	2706224874	1747
Pre: Limb/Nadir Sequence 1	51	3	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 03:35:27	2706240379	2706240906	1747
Pre: Limb/Nadir Sequence 1	51	4	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:36:36	2706257930	2706258457	1747
Pre: Limb/Nadir Sequence 1	51	5	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 03:37:39	2706273960	2706274487	1747
Pre: Limb/Nadir Sequence 1	51	6	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:38:47	2706291511	2706292038	1747
Pre: Limb/Nadir Sequence 1	51	7	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:39:50	2706307542	2706308069	1747
Pre: Limb/Nadir Sequence 1	51	8	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 03:40:58	2706325094	2706325621	1747
Pre: Limb/Nadir Sequence 1	51	9	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:42:01	2706341124	2706341651	1747
Pre: Limb/Nadir Sequence 1	51	10	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 03:43:10	2706358676	2706359203	1747
Pre: Limb/Nadir Sequence 1	51	11	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:44:12	2706374706	2706375233	1747
Pre: Limb/Nadir Sequence 1	51	12	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 03:45:21	2706392258	2706392785	1747
Pre: Limb/Nadir Sequence 1	51	13	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 03:46:23	2706408288	2706408815	1747
Pre: Limb/Nadir Sequence 1	51	14	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 03:47:32	2706425839	2706426366	1747
Pre: Limb/Nadir Sequence 1	51	15	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 03:48:35	2706441870	2706442397	1747
Pre: Limb/Nadir Sequence 1	51	16	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 03:49:43	2706459422	2706459949	1747
Pre: Limb/Nadir Sequence 1	51	17	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 03:50:46	2706475453	2706475980	1747
Pre: Limb/Nadir Sequence 1	51	18	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 03:51:54	2706493003	2706493530	1747
Pre: Limb/Nadir Sequence 1	51	19	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 03:52:57	2706509035	2706509562	1747
Pre: Limb/Nadir Sequence 1	51	20	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 03:54:05	2706526585	2706527112	1747
Pre: Limb/Nadir Sequence 1	51	21	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 03:55:29	2706547978	2706548505	1747
Pre: Limb/Nadir Sequence 1	51	22	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 03:56:53	2706569370	2706569897	1747
Pre: Limb/Nadir Sequence 1	51	23	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 03:58:16	2706590761	2706591288	1747

## 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	51	24	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 03:59:40	2706612154	2706612681	1747
Pre: Limb/Nadir Sequence 1	51	25	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:01:03	2706633545	2706634072	1747
Pre: Limb/Nadir Sequence 1	51	26	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:02:27	2706654937	2706655464	1747
Pre: Limb/Nadir Sequence 1	51	27	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:03:50	2706676329	2706676856	1747
Pre: Limb/Nadir Sequence 1	51	28	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:05:14	2706697721	2706698248	1747
Pre: Limb/Nadir Sequence 1	51	29	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:06:37	2706719114	2706719641	1747
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 04:10:50	2706783841	2706784984	1747
Pre: Weekly Calibration _Eclipse	56	1	Pre_46	46	Low Data Rate (400 kHz)	01-Jul-2002 04:11:36	2706795658	2706796449	1747
Pre: Weekly Calibration _Eclipse	56	2	Pre_63	63	Low Data Rate (400 kHz)	01-Jul-2002 04:11:46	2706798214	2706799005	1747
Pre: Weekly Calibration _Eclipse	56	3	Pre_67	67	Low Data Rate (400 kHz)	01-Jul-2002 04:12:21	2706807168	2706807959	1747
Pre: Weekly Calibration _Eclipse	56	4	Pre_46	46	Low Data Rate (400 kHz)	01-Jul-2002 04:15:46	2706859641	2706860432	1747
Pre: Weekly Calibration _Eclipse	56	5	Pre_59	59	Low Data Rate (400 kHz)	01-Jul-2002 04:15:56	2706862196	2706863470	1747
Pre: Weekly Calibration _Eclipse	56	6	Pre_63	63	Low Data Rate (400 kHz)	01-Jul-2002 04:16:18	2706867720	2706868511	1747
Pre: Weekly Calibration _Eclipse	56	7	Pre_67	67	Low Data Rate (400 kHz)	01-Jul-2002 04:16:53	2706876675	2706877466	1747
Pre: Weekly Calibration _Eclipse	56	8	Pre_46	46	Low Data Rate (400 kHz)	01-Jul-2002 04:20:18	2706929148	2706929939	1747
Pre: Weekly Calibration _Eclipse	56	9	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 04:20:28	2706931702	2706932229	1747
Pre: Weekly Calibration _Eclipse	56	10	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 04:21:51	2706953095	2706953622	1747
Pre: Weekly Calibration _Eclipse	56	11	Pre_63	63	Low Data Rate (400 kHz)	01-Jul-2002 04:23:15	2706974487	2706975278	1747
Pre: Weekly Calibration _Eclipse	56	12	Pre_67	67	Low Data Rate (400 kHz)	01-Jul-2002 04:23:50	2706983441	2706984232	1747
Pre: Weekly Calibration _Eclipse	56	13	Pre_46	46	Low Data Rate (400 kHz)	01-Jul-2002 04:27:15	2707035915	2707036706	1747
Pre: Weekly Calibration _Eclipse	56	14	Pre_61	61	Low Data Rate (400 kHz)	01-Jul-2002 04:27:25	2707038470	2707039876	1747
Pre: Weekly Calibration _Eclipse	56	15	Pre_63	63	Low Data Rate (400 kHz)	01-Jul-2002 04:27:48	2707044446	2707045237	1747
Pre: Weekly Calibration _Eclipse	56	16	Pre_67	67	Low Data Rate (400 kHz)	01-Jul-2002 04:28:23	2707053401	2707054192	1747
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 04:36:58	2707185216	2707185743	1748
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 04:38:01	2707201248	2707201775	1748
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 04:39:03	2707217278	2707217805	1748
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 04:40:06	2707233309	2707233836	1748
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	01-Jul-2002 04:41:09	2707249341	2707250132	1748
Pre: Limb/Nadir Sequence 1	50	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 04:43:28	2707284910	2707285437	1748
Pre: Limb/Nadir Sequence 1	50	2	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 04:44:30	2707300940	2707301467	1748
Pre: Limb/Nadir Sequence 1	50	3	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 04:45:33	2707316972	2707317499	1748
Pre: Limb/Nadir Sequence 1	50	4	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 04:46:35	2707333002	2707333529	1748
Pre: Limb/Nadir Sequence 1	50	5	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 04:47:38	2707349034	2707349561	1748
Pre: Limb/Nadir Sequence 1	50	6	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 04:49:02	2707370426	2707370953	1748
Pre: Limb/Nadir Sequence 1	50	7	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 04:50:04	2707386456	2707386983	1748
Pre: Limb/Nadir Sequence 1	50	8	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 04:51:28	2707407849	2707408376	1748
Pre: Limb/Nadir Sequence 1	50	9	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 04:52:30	2707423879	2707424406	1748
Pre: Limb/Nadir Sequence 1	50	10	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 04:53:54	2707445271	2707445798	1748
Pre: Limb/Nadir Sequence 1	50	11	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 04:54:57	2707461303	2707461830	1748
Pre: Limb/Nadir Sequence 1	50	12	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 04:56:05	2707478853	2707479380	1748
Pre: Limb/Nadir Sequence 1	50	13	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 04:57:08	2707494885	2707495412	1748
Pre: Limb/Nadir Sequence 1	50	14	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 04:58:16	2707512435	2707512962	1748
Pre: Limb/Nadir Sequence 1	50	15	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 04:59:19	2707528466	2707528993	1748
Pre: Limb/Nadir Sequence 1	50	16	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:00:28	2707546017	2707546544	1748
Pre: Limb/Nadir Sequence 1	50	17	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:01:30	2707562048	2707562575	1748
Pre: Limb/Nadir Sequence 1	50	18	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:02:39	2707579600	2707580127	1748
Pre: Limb/Nadir Sequence 1	50	19	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:03:41	2707595630	2707596157	1748
Pre: Limb/Nadir Sequence 1	50	20	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:04:50	2707613181	2707613708	1748
Pre: Limb/Nadir Sequence 1	50	21	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:05:53	2707629213	2707629740	1748
Pre: Limb/Nadir Sequence 1	50	22	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:07:01	2707646763	2707647290	1748
Pre: Limb/Nadir Sequence 1	50	23	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:08:04	2707662795	2707663322	1748
Pre: Limb/Nadir Sequence 1	50	24	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:09:12	2707680346	2707680873	1748
Pre: Limb/Nadir Sequence 1	50	25	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 05:10:15	2707696376	2707696903	1748
Pre: Limb/Nadir Sequence 1	50	26	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:11:23	2707713927	2707714454	1748
Pre: Limb/Nadir Sequence 1	50	27	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 05:12:26	2707729958	2707730485	1748
Pre: Limb/Nadir Sequence 1	50	28	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:13:35	2707747510	2707748037	1748
Pre: Limb/Nadir Sequence 1	50	29	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 05:14:37	2707763540	2707764067	1748
Pre: Limb/Nadir Sequence 1	50	30	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:15:46	2707781091	2707781618	1748
Pre: Limb/Nadir Sequence 1	50	31	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 05:16:48	2707797122	2707797649	1748

## 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	32	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:17:57	2707814673	2707815200	1748
Pre: Limb/Nadir Sequence 1	50	33	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 05:19:00	2707830705	2707831232	1748
Pre: Limb/Nadir Sequence 1	50	34	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:20:08	2707848255	2707848782	1748
Pre: Limb/Nadir Sequence 1	50	35	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:21:11	2707864286	2707864813	1748
Pre: Limb/Nadir Sequence 1	50	36	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 05:22:19	27078881837	27078882364	1748
Pre: Limb/Nadir Sequence 1	50	37	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:23:22	2707897868	2707898395	1748
Pre: Limb/Nadir Sequence 1	50	38	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 05:24:31	2707915420	2707915947	1748
Pre: Limb/Nadir Sequence 1	50	39	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:25:33	2707931450	2707931977	1748
Pre: Limb/Nadir Sequence 1	50	40	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 05:26:42	2707949002	2707949529	1748
Pre: Limb/Nadir Sequence 1	50	41	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 05:27:44	2707965033	2707965560	1748
Pre: Limb/Nadir Sequence 1	50	42	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 05:28:53	2707982584	2707983111	1748
Pre: Limb/Nadir Sequence 1	50	43	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 05:29:56	2707998615	2707999142	1748
Pre: Limb/Nadir Sequence 1	50	44	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 05:31:04	2708016165	2708016692	1748
Pre: Limb/Nadir Sequence 1	50	45	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 05:32:07	2708032197	2708032724	1748
Pre: Limb/Nadir Sequence 1	50	46	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 05:33:15	2708049747	2708050274	1748
Pre: Limb/Nadir Sequence 1	50	47	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 05:34:18	2708065778	2708066305	1748
Pre: Limb/Nadir Sequence 1	50	48	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 05:35:26	2708083329	2708083856	1748
Pre: Limb/Nadir Sequence 1	50	49	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 05:36:50	2708104721	2708105248	1748
Pre: Limb/Nadir Sequence 1	50	50	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 05:38:14	2708126114	2708126641	1748
Pre: Limb/Nadir Sequence 1	50	51	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 05:39:37	2708147505	2708148032	1748
Pre: Limb/Nadir Sequence 1	50	52	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 05:41:01	2708168898	2708169425	1748
Pre: Limb/Nadir Sequence 1	50	53	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 05:42:24	2708190289	2708190816	1748
Pre: Limb/Nadir Sequence 1	50	54	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 05:43:48	2708211681	2708212208	1748
Pre: Limb/Nadir Sequence 1	50	55	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 05:45:11	2708233073	2708233600	1748
Pre: Limb/Nadir Sequence 1	50	56	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 05:46:35	2708254465	2708254992	1748
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 05:51:26	2708329079	2708330222	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:52:13	2708340897	2708341424	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:53:36	2708362288	2708362815	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:55:00	2708383681	2708384208	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:56:23	2708405072	2708405599	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:57:47	2708426464	2708426991	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 05:59:10	2708447856	2708448383	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:00:34	2708469248	2708469775	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:01:58	2708490641	2708491168	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:03:21	2708512032	2708512559	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:04:45	2708533425	2708533952	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:06:08	2708554817	2708555344	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:07:32	2708576208	2708576735	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:08:55	2708597600	2708598127	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:10:19	2708618992	2708619519	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:11:42	2708640385	2708640912	1748
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 06:13:06	2708661776	2708662303	1748
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 06:17:34	2708730445	2708730972	1749
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 06:18:37	2708746476	2708747003	1749
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 06:19:39	2708762508	2708763035	1749
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 06:20:42	2708778538	2708779065	1749
Pre: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Pre_49	49	High Data Rate (1867 kHz)	01-Jul-2002 06:21:45	2708794569	2708795360	1749
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	01-Jul-2002 06:24:04	2708830139	2708830666	1749
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 06:25:06	2708846169	2708846696	1749
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	01-Jul-2002 06:26:09	2708862200	2708862727	1749
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 06:27:12	2708878231	2708878758	1749
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 06:28:35	2708899624	2708900151	1749
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 06:29:38	2708915654	2708916181	1749
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 06:31:01	2708937046	2708937573	1749
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 06:32:04	2708953077	2708953604	1749
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 06:33:27	2708974470	2708974997	1749
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 06:34:30	2708990500	2708991027	1749
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 06:35:54	2709011892	2709012419	1749
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 06:36:56	2709027924	2709028451	1749

## 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	13	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:38:05	2709045474	2709046001	1749
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 06:39:07	2709061506	2709062033	1749
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:40:16	2709079056	2709079583	1749
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 06:41:19	2709095088	2709095615	1749
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:42:27	2709112638	2709113165	1749
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 06:43:30	2709128669	2709129196	1749
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:44:38	2709146221	2709146748	1749
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 06:45:41	2709162252	2709162779	1749
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:46:50	2709179802	2709180329	1749
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 06:47:52	2709195833	2709196360	1749
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:49:01	2709213385	2709213912	1749
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 06:50:03	2709229416	2709229943	1749
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:51:12	2709246966	2709247493	1749
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 06:52:15	2709262997	2709263524	1749
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:53:23	2709280548	2709281075	1749
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 06:54:26	2709296579	2709297106	1749
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:55:34	2709314130	2709314657	1749
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 06:56:37	2709330162	2709330689	1749
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:57:45	2709347712	2709348239	1749
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 06:58:48	2709363744	2709364271	1749
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 06:59:57	2709381295	2709381822	1749
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	01-Jul-2002 07:00:59	2709397326	2709397853	1749
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 07:02:08	2709414876	2709415403	1749
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 07:03:10	2709430907	2709431434	1749
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	01-Jul-2002 07:04:19	2709448458	2709448985	1749
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 07:05:22	2709464490	2709465017	1749
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 07:06:30	2709482041	2709482568	1749
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 07:07:33	2709498071	2709498598	1749
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 07:08:41	2709515622	2709516149	1749
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	01-Jul-2002 07:09:44	2709531653	2709532180	1749
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	01-Jul-2002 07:10:53	2709549204	2709549731	1749
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 07:11:55	2709565235	2709565762	1749
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 07:13:04	2709582787	2709583314	1749
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	01-Jul-2002 07:14:06	2709598817	2709599344	1749
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	01-Jul-2002 07:15:15	2709616368	2709616895	1749
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	01-Jul-2002 07:16:18	2709632399	2709632926	1749
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 07:17:26	2709649950	2709650477	1749
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	01-Jul-2002 07:18:50	2709671342	2709671869	1749
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 07:20:13	2709692735	2709693262	1749
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	01-Jul-2002 07:21:37	2709714127	2709714654	1749
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 07:23:00	2709735519	2709736046	1749
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 07:24:24	2709756910	2709757437	1749
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 07:25:47	2709778302	2709778829	1749
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	01-Jul-2002 07:27:11	2709799694	2709800221	1749
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 07:32:02	2709874305	2709875448	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	1	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:32:49	2709886123	2709886650	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	2	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:34:12	2709907515	2709908042	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	3	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:35:36	2709928906	2709929433	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	4	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:36:59	2709950298	2709950825	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	5	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:38:23	2709971691	2709972218	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	6	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:39:46	2709993082	2709993609	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	7	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:41:10	2710014474	2710015001	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	8	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:42:34	2710035866	2710036393	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	9	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:43:57	2710057259	2710057786	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	10	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:45:21	2710078651	2710079178	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	11	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:46:44	2710100043	2710100570	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	12	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:48:08	2710121435	2710121962	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	13	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:49:31	2710142827	2710143354	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	14	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:50:55	2710164218	2710164745	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	15	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:52:18	2710185610	2710186137	1749
Pre: Orbit_Daily_Calibration_Eclipse	55	16	Pre_27	27	Low Data Rate (400 kHz)	01-Jul-2002 07:53:42	2710207002	2710207529	1749
SF State OBJ 94	38	1	S_SFE_5	11	High Data Rate (1867 kHz)	01-Jul-2002 08:03:21	2710355201	2710355922	1750
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 09:12:38	2711419511	2711420654	1750
SF State OBJ 94	39	1	S_SFE_6	12	High Data Rate (1867 kHz)	01-Jul-2002 09:44:50	2711913878	2711914669	1751

## 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)	01-Jul-2002 10:53:14	2712964707	2712965850	1751
SF State OBJ 94	40	1	S_SFE_7	13	Low Data Rate (400 kHz)	01-Jul-2002 11:57:06	2713945650	2713946688	1752
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 12:33:50	2714509897	2714511040	1752
Albedo and BSDF OBJ 191	41	1	Pre_ASM_DIF_1	19	High Data Rate (1867 kHz)	01-Jul-2002 13:05:59	2715003700	2715005050	1753
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 14:14:26	2716055099	2716056242	1753
Albedo and BSDF OBJ 191	42	1	S_Dif_APSM_ASM	21	High Data Rate (1867 kHz)	01-Jul-2002 14:46:34	2716548634	2716550040	1754
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 15:55:02	2717600333	2717601476	1754
Albedo and BSDF OBJ 191	43	1	S_Dif_APSM_ESM	22	High Data Rate (1867 kHz)	01-Jul-2002 16:27:10	2718093858	2718095264	1755
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 17:35:38	2719145576	2719146719	1755
Lamp Scans OBJ 34/35	29	1	SLS_scan_2	37	Low Data Rate (400 kHz)	01-Jul-2002 18:08:36	2719651951	2719653225	1756
Lamp Scans OBJ 34/35	29	2	D_SLS_scan_2	18	Low Data Rate (400 kHz)	01-Jul-2002 18:10:14	2719676914	2719678188	1756
Lamp Scans OBJ 34/35	29	3	Pre_59	59	Low Data Rate (400 kHz)	01-Jul-2002 18:11:51	2719701879	2719703153	1756
Lamp Scans OBJ 34/35	29	4	D_SLS_scan_2	18	Low Data Rate (400 kHz)	01-Jul-2002 18:12:13	2719707401	2719708675	1756
Lamp Scans OBJ 34/35	29	5	WLS_Scan_In_4	38	Low Data Rate (400 kHz)	01-Jul-2002 18:13:50	2719732365	2719733771	1756
Lamp Scans OBJ 34/35	29	6	D_WLS_scan_in_4	33	Low Data Rate (400 kHz)	01-Jul-2002 18:15:30	2719757784	2719759190	1756
Lamp Scans OBJ 34/35	29	7	WLS_Scan_Out_3	39	Low Data Rate (400 kHz)	01-Jul-2002 18:17:09	2719783201	2719784475	1756
Lamp Scans OBJ 34/35	29	8	D_WLS_scan_out_3	36	Low Data Rate (400 kHz)	01-Jul-2002 18:18:47	2719808355	2719809629	1756
Lamp Scans OBJ 34/35	29	9	Pre_61	61	Low Data Rate (400 kHz)	01-Jul-2002 18:20:26	2719833509	2719834915	1756
Lamp Scans OBJ 34/35	29	10	D_WLS_scan_in_4	33	Low Data Rate (400 kHz)	01-Jul-2002 18:20:49	2719839486	2719840892	1756
Lamp Scans OBJ 34/35	29	11	Bet_48	48	Low Data Rate (400 kHz)	01-Jul-2002 18:22:28	2719864905	2719866179	1756
Lamp Scans OBJ 34/35	29	12	D_WLS_scan_out_3	36	Low Data Rate (400 kHz)	01-Jul-2002 18:22:51	2719870618	2719871892	1756
Lamp Scans OBJ 34/35	29	13	Bet_16	16	Low Data Rate (400 kHz)	01-Jul-2002 18:24:29	2719895772	2719897046	1756
Lamp Scans OBJ 34/35	29	14	D_WLS_scan_out_3	36	Low Data Rate (400 kHz)	01-Jul-2002 18:24:51	2719901484	2719902758	1756
Lamp Scans OBJ 34/35	29	15	D_WLS_PET_var	20	Low Data Rate (400 kHz)	01-Jul-2002 18:26:29	2719926639	2719927913	1756
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 19:16:14	2720690799	2720691942	1756
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 19:49:12	2721197174	2721197701	1757
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 19:49:26	2721200644	2721201171	1757
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 19:49:40	2721204115	2721204642	1757
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 19:49:53	2721207586	2721208113	1757
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 19:50:17	2721213618	2721214145	1757
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 19:50:50	2721222209	2721222736	1757
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 19:51:34	2721233359	2721233886	1757
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 19:52:37	2721249632	2721250159	1757
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 19:53:21	2721260782	2721261309	1757
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 19:54:39	2721280892	2721281419	1757
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 19:54:53	2721284363	2721284890	1757
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 19:55:07	2721287834	2721288361	1757
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 19:55:20	2721291305	2721291832	1757
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 19:55:44	2721297336	2721297863	1757
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 19:56:17	2721305927	2721306454	1757
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 19:57:01	2721317078	2721317605	1757
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 19:58:04	2721333351	2721333878	1757
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 19:58:48	2721344500	2721345027	1757
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:00:06	2721364611	2721365138	1757
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:00:20	2721368082	2721368609	1757
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:00:34	2721371553	2721372080	1757
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:00:47	2721375024	2721375551	1757
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:01:11	2721381055	2721381582	1757
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:01:44	2721389646	2721390173	1757
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:02:28	2721400797	2721401324	1757
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:03:31	2721417070	2721417597	1757
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:04:15	2721428219	2721428746	1757
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:09:20	2721506273	2721506800	1757
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:09:33	2721509745	2721510272	1757
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:09:47	2721513215	2721513742	1757
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:10:00	2721516686	2721517213	1757
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:10:24	2721522717	2721523244	1757
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:10:58	2721531308	2721531835	1757
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:11:41	2721542459	2721542986	1757
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:12:45	2721558731	2721559258	1757
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:13:28	2721569883	2721570410	1757
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:14:47	2721589992	2721590519	1757
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:15:00	2721593464	2721593991	1757
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:15:14	2721596934	2721597461	1757

## 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	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:15:28	2721600405	2721600932	1757
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:15:51	2721606436	2721606963	1757
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:16:25	2721615028	2721615555	1757
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:17:08	2721626179	2721626706	1757
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:18:12	2721642449	2721642976	1757
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:18:55	2721653600	2721654127	1757
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:20:14	2721673711	2721674238	1757
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:20:27	2721677182	2721677709	1757
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:20:41	2721680654	2721681181	1757
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:20:55	2721684125	2721684652	1757
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:21:18	2721690155	2721690682	1757
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:21:52	2721698746	2721699273	1757
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:22:35	2721709898	2721710425	1757
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:23:39	2721726168	2721726695	1757
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:24:22	2721737320	2721737847	1757
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:25:45	2721758445	2721758972	1757
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:25:58	2721761916	2721762443	1757
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:26:12	2721765387	2721765914	1757
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:26:26	2721768859	2721769386	1757
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:26:49	2721774889	2721775416	1757
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:27:23	2721783481	2721784008	1757
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:28:06	2721794632	2721795159	1757
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:29:10	2721810902	2721811429	1757
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:29:53	2721822054	2721822581	1757
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:31:12	2721842165	2721842692	1757
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:31:25	2721845635	2721846162	1757
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:31:39	2721849106	2721849633	1757
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:31:53	2721852578	2721853105	1757
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:32:16	2721858608	2721859135	1757
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:32:50	2721867199	2721867726	1757
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:33:33	2721878351	2721878878	1757
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:34:37	2721894621	2721895148	1757
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:35:20	2721905773	2721906300	1757
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:36:39	2721925883	2721926410	1757
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:36:52	2721929355	2721929882	1757
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:37:06	2721932825	2721933352	1757
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:37:20	2721936296	2721936823	1757
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:37:43	2721942328	2721942855	1757
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:38:17	2721950919	2721951446	1757
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:39:00	2721962070	2721962597	1757
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:40:04	2721978340	2721978867	1757
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:40:47	2721989491	2721990018	1757
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:42:10	2722010617	2722011144	1757
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:42:23	2722014089	2722014616	1757
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:42:37	2722017561	2722018088	1757
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:42:51	2722021030	2722021557	1757
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:43:14	2722027062	2722027589	1757
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:43:48	2722035652	2722036179	1757
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:44:31	2722046804	2722047331	1757
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:45:35	2722063074	2722063601	1757
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:46:18	2722074225	2722074752	1757
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:47:37	2722094336	2722094863	1757
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:47:51	2722098707	2722098334	1757
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:48:04	2722101279	2722101806	1757
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:48:18	2722104749	2722105276	1757
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:48:41	2722110780	2722111307	1757
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:49:15	2722119371	2722119898	1757
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:49:58	2722130523	2722131050	1757
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 20:51:02	2722146793	2722147320	1757
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 20:51:45	2722157944	2722158471	1757
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 20:56:50	2722235999	2722237142	1757
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 20:57:36	2722247816	2722248343	1757
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 20:57:50	2722251287	2722251814	1757
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 20:58:04	2722254758	2722255285	1757



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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	23	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 20:58:17	2722258230	2722258757	1757
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 20:58:41	2722264260	2722264787	1757
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 20:59:14	2722272852	2722273379	1757
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 20:59:58	2722284002	2722284529	1757
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:01:01	2722300273	2722300800	1757
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:01:45	2722311425	2722311952	1757
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:03:04	2722331535	2722332062	1757
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:03:17	2722335008	2722335535	1757
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:03:31	2722338477	2722339004	1757
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:03:44	2722341948	2722342475	1757
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:04:08	2722347979	2722348506	1757
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:04:41	2722356571	2722357098	1757
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:05:25	2722367721	2722368248	1757
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:06:28	2722383992	2722384519	1757
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:07:12	2722395143	2722395670	1757
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:08:31	2722415255	2722415782	1757
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:08:44	2722418725	2722419252	1757
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:08:58	2722422196	2722422723	1757
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:09:11	2722425668	2722426195	1757
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:09:35	2722431698	2722432225	1757
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:10:08	2722440290	2722440817	1757
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:10:52	2722451440	2722451967	1757
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:11:55	2722467711	2722468238	1757
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:12:39	2722478863	2722479390	1757
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:29:48	2722742375	2722742902	1758
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:30:02	2722745845	2722746372	1758
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:30:15	2722749316	2722749843	1758
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:30:29	2722752788	2722753315	1758
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:30:53	2722758818	2722759345	1758
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:31:26	2722767409	2722767936	1758
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:32:10	2722778560	2722779087	1758
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:33:13	2722794832	2722795359	1758
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:33:57	2722805982	2722806509	1758
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:35:15	2722826093	2722826620	1758
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:35:29	2722829565	2722830092	1758
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:35:42	2722833035	2722833562	1758
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:35:56	2722836506	2722837033	1758
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:36:20	2722842537	2722843064	1758
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:36:53	2722851129	2722851656	1758
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:37:37	2722862279	2722862806	1758
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:38:40	2722878550	2722879077	1758
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:39:24	2722889701	2722890228	1758
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:40:42	2722909812	2722910339	1758
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:40:56	2722913284	2722913811	1758
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:41:10	2722916754	2722917281	1758
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:41:23	2722920226	2722920753	1758
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:41:47	2722926256	2722926783	1758
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:42:20	2722934847	2722935374	1758
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:43:04	2722945998	2722946525	1758
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:44:07	2722962270	2722962797	1758
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:44:51	2722973421	2722973948	1758
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:49:56	2723051469	2723051996	1758
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:50:09	2723054941	2723055468	1758
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:50:23	2723058412	2723058939	1758
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:50:36	2723061882	2723062409	1758
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:51:00	2723067913	2723068440	1758
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:51:34	2723076504	2723077031	1758
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:52:17	2723087655	2723088182	1758
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:53:21	2723103926	2723104453	1758
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:54:04	2723115077	2723115604	1758
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 21:55:23	2723135188	2723135715	1758
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 21:55:36	2723138660	2723139187	1758
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 21:55:50	2723142131	2723142658	1758
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 21:56:03	2723145601	2723146128	1758

## 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	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 21:56:27	2723151632	2723152159	1758
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 21:57:01	2723160223	2723160750	1758
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 21:57:44	2723171374	2723171901	1758
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 21:58:48	2723187646	2723188173	1758
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 21:59:31	2723198797	2723199324	1758
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:00:50	2723218907	2723219434	1758
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:01:03	2723222378	2723222905	1758
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:01:17	2723225850	2723226377	1758
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:01:30	2723229320	2723229847	1758
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:01:54	2723233551	2723233587	1758
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:02:28	2723243943	2723244470	1758
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:03:11	2723255093	2723255620	1758
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:04:15	2723271364	2723271891	1758
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:04:58	2723282516	2723283043	1758
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:06:21	2723303641	2723304168	1758
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:06:34	2723307111	2723307638	1758
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:06:48	2723310582	2723311109	1758
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:07:01	2723314054	2723314581	1758
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:07:25	2723320085	2723320612	1758
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:07:59	2723328675	2723329202	1758
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:08:42	2723339827	2723340354	1758
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:09:46	2723356097	2723356624	1758
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:10:29	2723367249	2723367776	1758
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:11:48	2723387360	2723387887	1758
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:12:01	2723390830	2723391357	1758
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:12:15	2723394301	2723394828	1758
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:12:28	2723397772	2723398299	1758
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:12:52	2723403803	2723404330	1758
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:13:26	2723412395	2723412922	1758
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:14:09	2723423545	2723424072	1758
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:15:13	2723439816	2723440343	1758
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:15:56	2723450968	2723451495	1758
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:17:15	2723471079	2723471606	1758
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:17:28	2723474550	2723475077	1758
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:17:42	2723478020	2723478547	1758
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:17:56	2723481491	2723482018	1758
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:18:19	2723487523	2723488050	1758
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:18:53	2723496114	2723496641	1758
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:19:36	2723507265	2723507792	1758
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:20:40	2723523536	2723524063	1758
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:21:23	2723534687	2723535214	1758
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:22:46	2723555812	2723556339	1758
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:22:59	2723559284	2723559811	1758
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:23:13	2723562754	2723563281	1758
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:23:27	2723566225	2723566752	1758
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:23:50	2723572256	2723572783	1758
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:24:24	2723580847	2723581374	1758
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:25:07	2723591998	2723592525	1758
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:26:11	2723608270	2723608797	1758
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:26:54	2723619421	2723619948	1758
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:28:13	2723639532	2723640059	1758
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:28:26	2723643002	2723643529	1758
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:28:40	2723646474	2723647001	1758
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:28:54	2723649944	2723650471	1758
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:29:17	2723655975	2723656502	1758
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:29:51	2723664566	2723665093	1758
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:30:34	2723675717	2723676244	1758
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:31:38	2723691989	2723692516	1758
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:32:21	2723703139	2723703666	1758
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	01-Jul-2002 22:37:26	2723781188	2723782331	1758
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:38:12	2723793006	2723793533	1758
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:38:26	2723796477	2723797004	1758
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:38:39	2723799948	2723800475	1758
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:38:53	2723803419	2723803946	1758

## 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	23	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:39:17	2723809450	2723809977	1758
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:39:50	2723818041	2723818568	1758
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:40:34	2723829193	2723829720	1758
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:41:37	2723845464	2723845991	1758
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:42:21	2723856614	2723857141	1758
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:43:39	2723876725	2723877252	1758
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:43:53	2723880196	2723880723	1758
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:44:07	2723883667	2723884194	1758
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:44:20	2723887138	2723887665	1758
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:44:44	2723893169	2723893696	1758
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:45:17	2723901760	2723902287	1758
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:46:01	2723912911	2723913438	1758
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:47:04	2723929183	2723929710	1758
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:47:48	2723940333	2723940860	1758
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 22:49:06	2723960444	2723960971	1758
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 22:49:20	2723963915	2723964442	1758
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 22:49:34	2723967386	2723967913	1758
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 22:49:47	2723970857	2723971384	1758
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 22:50:11	2723976889	2723977416	1758
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 22:50:44	2723985480	2723986007	1758
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 22:51:28	2723996631	2723997158	1758
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 22:52:31	2724012902	2724013429	1758
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 22:53:15	2724024052	2724024579	1758
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:10:24	2724287562	2724288089	1759
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:10:38	2724291033	2724291560	1759
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:10:51	2724294504	2724295031	1759
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:11:05	2724297974	2724298501	1759
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:11:28	2724304006	2724304533	1759
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:12:02	2724312597	2724313124	1759
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:12:46	2724323748	2724324275	1759
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:13:49	2724340018	2724340545	1759
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:14:33	2724351170	2724351697	1759
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:15:51	2724371281	2724371808	1759
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:16:05	2724374751	2724375278	1759
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:16:18	2724378223	2724378750	1759
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:16:32	2724381693	2724382220	1759
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:16:55	2724387724	2724388251	1759
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:17:29	2724396315	2724396842	1759
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:18:13	2724407467	2724407994	1759
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:19:16	2724423737	2724424264	1759
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:20:00	2724434888	2724435415	1759
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:21:18	2724455000	2724455527	1759
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:21:32	2724458470	2724458997	1759
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:21:45	2724461942	2724462469	1759
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:21:59	2724465413	2724465940	1759
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:22:23	2724471444	2724471971	1759
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:22:56	2724480035	2724480562	1759
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:23:40	2724491186	2724491713	1759
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:24:43	2724507457	2724507984	1759
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:25:27	2724518607	2724519134	1759
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:30:32	2724596657	2724597184	1759
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:30:45	2724600128	2724600655	1759
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:30:59	2724603599	2724604126	1759
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:31:12	2724607070	2724607597	1759
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:31:36	2724613102	2724613629	1759
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:32:09	2724621692	2724622219	1759
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:32:53	2724632844	2724633371	1759
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:33:57	2724649115	2724649642	1759
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:34:40	2724660265	2724660792	1759
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:35:59	2724680376	2724680903	1759
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:36:12	2724683848	2724684375	1759
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:36:26	2724687318	2724687845	1759
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:36:39	2724690789	2724691316	1759
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:37:03	2724696821	2724697348	1759

## 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	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:37:36	2724705412	2724705939	1759
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:38:20	2724716562	2724717089	1759
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:39:24	2724732833	2724733360	1759
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:40:07	2724743985	2724744512	1759
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:41:26	2724764095	2724764622	1759
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:41:39	2724767567	2724768094	1759
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:41:53	2724771037	2724771564	1759
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:42:06	2724774508	2724775035	1759
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:42:30	2724780539	2724781066	1759
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:43:03	2724789131	2724789658	1759
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:43:47	2724800281	2724800808	1759
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:44:51	2724816552	2724817079	1759
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:45:34	2724827704	2724828231	1759
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:46:57	2724848830	2724849357	1759
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:47:10	2724852301	2724852828	1759
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:47:24	2724855771	2724856298	1759
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:47:37	2724859242	2724859769	1759
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:48:01	2724865274	2724865801	1759
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:48:34	2724873865	2724874392	1759
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:49:18	2724885015	2724885542	1759
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:50:22	2724901286	2724901813	1759
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:51:05	2724912437	2724912964	1759
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:52:24	2724932549	2724933076	1759
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:52:37	2724936620	2724936547	1759
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:52:51	2724939490	2724940017	1759
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:53:04	2724942962	2724943489	1759
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:53:28	2724948993	2724949520	1759
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:54:02	2724957583	2724958110	1759
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	01-Jul-2002 23:54:45	2724968734	2724969261	1759
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	01-Jul-2002 23:55:49	2724985005	2724985532	1759
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	01-Jul-2002 23:56:32	2724996157	2724996684	1759
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	01-Jul-2002 23:57:51	2725016267	2725016794	1759
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	01-Jul-2002 23:58:04	2725019739	2725020266	1759
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	01-Jul-2002 23:58:18	2725023209	2725023736	1759
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	01-Jul-2002 23:58:31	2725026681	2725027208	1759
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	01-Jul-2002 23:58:55	2725032711	2725033238	1759
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	01-Jul-2002 23:59:29	2725041303	2725041830	1759
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:00:12	2725052453	2725052980	1759
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:01:16	2725068724	2725069251	1759
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:01:59	2725079876	2725080403	1759
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:03:22	2725101001	2725101528	1759
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:03:35	2725104473	2725105000	1759
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:03:49	2725107943	2725108470	1759
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:04:02	2725111415	2725111942	1759
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:04:26	2725117445	2725117972	1759
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:05:00	2725126036	2725126563	1759
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:05:43	2725137187	2725137714	1759
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:06:47	2725153458	2725153985	1759
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:07:30	2725164610	2725165137	1759
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:08:49	2725184720	2725185247	1759
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:09:02	2725188192	2725188719	1759
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:09:16	2725191662	2725192189	1759
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:09:29	2725195133	2725195660	1759
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:09:53	2725201164	2725201691	1759
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:10:27	2725209755	2725210282	1759
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:11:10	2725220906	2725221433	1759
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:12:14	2725237178	2725237705	1759
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:12:57	2725248329	2725248856	1759
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 00:18:02	2725326379	2725327522	1759
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:18:48	2725338198	2725338725	1759
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:19:02	2725341668	2725342195	1759
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:19:15	2725345139	2725345666	1759
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:19:29	2725348609	2725349136	1759
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:19:53	2725354640	2725355167	1759

## 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	23	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:20:26	2725363232	2725363759	1759
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:21:10	2725374382	2725374909	1759
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:22:13	2725390653	2725391180	1759
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:22:57	2725401804	2725402331	1759
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:24:15	2725421916	2725422443	1759
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:24:29	2725425386	2725425913	1759
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:24:42	2725428857	2725429384	1759
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:24:56	2725432328	2725432855	1759
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:25:20	2725438359	2725438886	1759
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:25:53	2725446950	2725447477	1759
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:26:37	2725458101	2725458628	1759
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:27:40	2725474374	2725474901	1759
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:28:24	2725485524	2725486051	1759
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:29:42	2725505635	2725506162	1759
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:29:56	2725509105	2725509632	1759
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:30:09	2725512576	2725513103	1759
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:30:23	2725516047	2725516574	1759
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:30:47	2725522078	2725522605	1759
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:31:20	2725530669	2725531196	1759
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:32:04	2725541820	2725542347	1759
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:33:07	2725558093	2725558620	1759
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:33:51	2725569242	2725569769	1759
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:51:00	2725832747	2725833274	1760
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:51:14	2725836218	2725836745	1760
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:51:27	2725839692	2725840219	1760
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:51:41	2725843160	2725843687	1760
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:52:04	2725849192	2725849719	1760
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:52:38	2725857782	2725858309	1760
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:53:21	2725868933	2725869460	1760
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:54:25	2725885205	2725885732	1760
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 00:55:09	2725896355	2725896882	1760
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 00:56:27	2725916467	2725916994	1760
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 00:56:41	2725919937	2725920464	1760
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 00:56:54	2725923409	2725923936	1760
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 00:57:08	2725926879	2725927406	1760
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 00:57:31	2725932910	2725933437	1760
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 00:58:05	2725941501	2725942028	1760
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 00:58:48	2725952652	2725953179	1760
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 00:59:52	2725968923	2725969450	1760
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:00:36	2725980074	2725980601	1760
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:01:54	2726000186	2726000713	1760
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:02:08	2726003656	2726004183	1760
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:02:21	2726007128	2726007655	1760
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:02:35	2726010598	2726011125	1760
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:02:58	2726016629	2726017156	1760
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:03:32	2726025220	2726025747	1760
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:04:16	2726036371	2726036898	1760
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:05:19	2726052642	2726053169	1760
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:06:03	2726063793	2726064320	1760
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:11:08	2726141857	2726142384	1760
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:11:21	2726145328	2726145855	1760
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:11:35	2726148799	2726149326	1760
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:11:48	2726152271	2726152798	1760
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:12:12	2726158301	2726158828	1760
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:12:45	2726166892	2726167419	1760
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:13:29	2726178043	2726178570	1760
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:14:32	2726194314	2726194841	1760
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:15:16	2726205466	2726205993	1760
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:16:35	2726225577	2726226104	1760
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:16:48	2726229049	2726229576	1760
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:17:02	2726232518	2726233045	1760
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:17:15	2726235989	2726236516	1760
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:17:39	2726242021	2726242548	1760
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:18:12	2726250611	2726251138	1760

## 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	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:18:56	2726261762	2726262289	1760
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:20:00	2726278034	2726278561	1760
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:20:43	2726289185	2726289712	1760
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:22:02	2726309295	2726309822	1760
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:22:15	2726312767	2726313294	1760
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:22:29	2726316237	2726316764	1760
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:22:42	2726319708	2726320235	1760
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:23:06	2726325740	2726326267	1760
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:23:39	2726334330	2726334857	1760
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:24:23	2726345481	2726346008	1760
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:25:27	2726361752	2726362279	1760
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:26:10	2726372904	2726373431	1760
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:27:33	2726394028	2726394555	1760
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:27:46	2726397500	2726398027	1760
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:28:00	2726400970	2726401497	1760
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:28:13	2726404441	2726404968	1760
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:28:37	2726410473	2726411000	1760
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:29:10	2726419063	2726419590	1760
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:29:54	2726430214	2726430741	1760
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:30:58	2726446485	2726447012	1760
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:31:41	2726457637	2726458164	1760
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:33:00	2726477748	2726478275	1760
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:33:13	2726481219	2726481746	1760
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:33:27	2726484690	2726485217	1760
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:33:40	2726488161	2726488688	1760
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:34:04	2726494191	2726494718	1760
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:34:37	2726502782	2726503309	1760
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:35:21	2726513934	2726514461	1760
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:36:25	2726530205	2726530732	1760
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:37:08	2726541355	2726541882	1760
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:38:27	2726561466	2726561993	1760
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:38:40	2726564938	2726565465	1760
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:38:54	2726568408	2726568935	1760
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:39:07	2726571879	2726572406	1760
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:39:31	2726577911	2726578438	1760
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:40:04	2726586501	2726587028	1760
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:40:48	2726597653	2726598180	1760
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:41:52	2726613923	2726614450	1760
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:42:35	2726625074	2726625601	1760
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:43:58	2726646200	2726646727	1760
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:44:11	2726649672	2726650199	1760
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:44:25	2726653142	2726653669	1760
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:44:38	2726656613	2726657140	1760
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:45:02	2726662645	2726663172	1760
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:45:35	2726671235	2726671762	1760
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:46:19	2726682387	2726682914	1760
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:47:23	2726698657	2726699184	1760
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:48:06	2726709808	2726710335	1760
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:49:25	2726729920	2726730447	1760
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:49:38	2726733390	2726733917	1760
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:49:52	2726736861	2726737388	1760
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 01:50:05	2726740332	2726740859	1760
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 01:50:29	2726746363	2726746890	1760
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 01:51:02	2726754954	2726755481	1760
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 01:51:46	2726766106	2726766633	1760
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 01:52:50	2726782376	2726782903	1760
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 01:53:33	2726793528	2726794055	1760
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 01:58:38	2726871591	2726872734	1760
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 01:59:24	2726883409	2726883936	1760
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 01:59:38	2726886880	2726887407	1760
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 01:59:51	2726890350	2726890877	1760
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 02:00:05	2726893822	2726894349	1760
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 02:00:28	2726899852	2726900379	1760
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 02:01:02	2726908443	2726908970	1760

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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	23	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 02:01:46	2726919595	2726920122	1760
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 02:02:49	2726935866	2726936393	1760
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 02:03:33	2726947016	2726947543	1760
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 02:04:51	2726967127	2726967654	1760
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 02:05:05	2726970598	2726971125	1760
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 02:05:18	2726974069	2726974596	1760
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 02:05:32	2726977541	2726978068	1760
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 02:05:56	2726983571	2726984098	1760
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 02:06:29	2726992163	2726992690	1760
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 02:07:13	2727003313	2727003840	1760
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 02:08:16	2727019585	2727020112	1760
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 02:09:00	2727030735	2727031262	1760
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 02:10:18	2727050847	2727051374	1760
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 02:10:32	2727054318	2727054845	1760
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 02:10:45	2727057788	2727058315	1760
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 02:10:59	2727061259	2727061786	1760
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 02:11:23	2727067291	2727067818	1760
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 02:11:56	2727075881	2727076408	1760
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 02:12:40	2727087032	2727087559	1760
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 02:13:43	2727103304	2727103831	1760
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 02:14:27	2727114455	2727114982	1760
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68		State removed from Timeline			1761
Pre: ASM: Sun_Diffuser	49	1	Bet_ASM_DIF	17		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	10	Pre_03	3		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6		State removed from Timeline			1761

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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	23	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3		State removed from Timeline			1761
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	1	Pre_46	46		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	2	Pre_63	63		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	3	Pre_67	67		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	4	Pre_46	46		State removed from Timeline			1761



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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: Weekly_Calibration _Eclipse	56	5	Pre_59	59		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	6	Pre_63	63		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	7	Pre_67	67		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	8	Pre_46	46		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	11	Pre_63	63		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	12	Pre_67	67		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	13	Pre_46	46		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	14	Pre_61	61		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	15	Pre_63	63		State removed from Timeline			1761
Pre: Weekly_Calibration _Eclipse	56	16	Pre_67	67		State removed from Timeline			1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 02:24:45	2727272826	2727273353	1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 02:25:48	2727288857	2727289384	1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 02:26:51	2727304888	2727305415	1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 02:27:53	2727320920	2727321447	1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	02-Jul-2002 02:28:56	2727336951	2727337742	1761
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 02:31:30	2727376523	2727377050	1761
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	02-Jul-2002 02:32:33	2727392555	2727393082	1761
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	02-Jul-2002 02:33:36	2727408585	2727409112	1761
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	02-Jul-2002 03:24:53	2728196336	2728196863	1761
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	02-Jul-2002 03:27:40	2728239119	2728239646	1761
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 03:30:27	2728281904	2728282431	1761
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 03:31:51	2728303295	2728303822	1761
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 03:33:14	2728324687	2728325214	1761
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 03:34:38	2728346079	2728346606	1761
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 03:39:14	2728416824	2728417967	1761
Pre: Weekly_Calibration _Eclipse	56	9	Pre_27	27	Low Data Rate (400 kHz)	02-Jul-2002 03:51:09	2728599778	2728600305	1761
Pre: Weekly_Calibration _Eclipse	56	10	Pre_27	27	Low Data Rate (400 kHz)	02-Jul-2002 03:52:32	2728621170	2728621697	1761
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	1	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 04:05:21	2728818051	2728818578	1762
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	2	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 04:06:24	2728834081	2728834608	1762
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	3	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 04:07:27	2728850112	2728850639	1762
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	4	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 04:08:29	2728866144	2728866671	1762
Pre: Limb sequence incl. SO&C (nominal scanning/pointing)	2	5	Pre_47	47	High Data Rate (1867 kHz)	02-Jul-2002 04:09:32	2728882174	2728882965	1762
Pre: Sun_Nadir_Mirror_Calibration (fast sweep scanning)	4	1	Pre_68	68	High Data Rate (1867 kHz)	02-Jul-2002 04:10:50	2728902156	2728902947	1762
Pre: ASM: Sun_Diffuser	49	1	Bet_ASM_DIF	17	High Data Rate (1867 kHz)	02-Jul-2002 04:11:23	2728910682	2728911900	1762
Pre: Limb/Nadir Sequence 2	53	1	Pre_28	28	Low Data Rate (400 kHz)	02-Jul-2002 04:12:07	2728921747	2728922274	1762
Pre: Limb/Nadir Sequence 2	53	2	Pre_29	29	Low Data Rate (400 kHz)	02-Jul-2002 04:13:09	2728937779	2728938306	1762
Pre: Limb/Nadir Sequence 2	53	3	Pre_29	29	Low Data Rate (400 kHz)	02-Jul-2002 04:14:12	2728953810	2728954337	1762
Pre: Limb/Nadir Sequence 2	53	4	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 04:15:14	2728969841	2728970368	1762
Pre: Limb/Nadir Sequence 2	53	5	Pre_30	30	Low Data Rate (400 kHz)	02-Jul-2002 04:16:38	2728991232	2728991759	1762
Pre: Limb/Nadir Sequence 2	53	6	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 04:17:41	2729007263	2729007790	1762
Pre: Limb/Nadir Sequence 2	53	7	Pre_30	30	Low Data Rate (400 kHz)	02-Jul-2002 04:19:04	2729028656	2729029183	1762
Pre: Limb/Nadir Sequence 2	53	8	Pre_02	2	Low Data Rate (400 kHz)	02-Jul-2002 04:20:07	2729044686	2729045213	1762
Pre: Limb/Nadir Sequence 2	53	9	Pre_30	30	Low Data Rate (400 kHz)	02-Jul-2002 04:21:30	2729066078	2729066605	1762

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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	10	Pre_03	3	Low Data Rate (400 kHz)	02-Jul-2002 04:22:33	2729082110	2729082637	1762
Pre: Limb/Nadir Sequence 2	53	11	Pre_31	31	Low Data Rate (400 kHz)	02-Jul-2002 04:23:56	2729103501	2729104028	1762
Pre: Limb/Nadir Sequence 2	53	12	Pre_04	4	Low Data Rate (400 kHz)	02-Jul-2002 04:24:59	2729119533	2729120060	1762
Pre: Limb/Nadir Sequence 2	53	13	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:26:08	2729137083	2729137610	1762
Pre: Limb/Nadir Sequence 2	53	14	Pre_05	5	Low Data Rate (400 kHz)	02-Jul-2002 04:27:10	2729153114	2729153641	1762
Pre: Limb/Nadir Sequence 2	53	15	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:28:19	2729170665	2729171192	1762
Pre: Limb/Nadir Sequence 2	53	16	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:29:21	2729186696	2729187223	1762
Pre: Limb/Nadir Sequence 2	53	17	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:30:30	2729204247	2729204774	1762
Pre: Limb/Nadir Sequence 2	53	18	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:31:33	2729220278	2729220805	1762
Pre: Limb/Nadir Sequence 2	53	19	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:32:41	2729237829	2729238356	1762
Pre: Limb/Nadir Sequence 2	53	20	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:33:44	2729253860	2729254387	1762
Pre: Limb/Nadir Sequence 2	53	21	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:34:52	2729271412	2729271939	1762
Pre: Limb/Nadir Sequence 2	53	22	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:35:55	2729287442	2729287969	1762
Pre: Limb/Nadir Sequence 2	53	23	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:37:04	2729304993	2729305520	1762
Pre: Limb/Nadir Sequence 2	53	24	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:38:06	2729321025	2729321552	1762
Pre: Limb/Nadir Sequence 2	53	25	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:39:15	2729338576	2729339103	1762
Pre: Limb/Nadir Sequence 2	53	26	Pre_07	7	Low Data Rate (400 kHz)	02-Jul-2002 04:40:17	2729354607	2729355134	1762
Pre: Limb/Nadir Sequence 2	53	27	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:41:26	2729372157	2729372684	1762
Pre: Limb/Nadir Sequence 2	53	28	Pre_07	7	Low Data Rate (400 kHz)	02-Jul-2002 04:42:29	2729388188	2729388715	1762
Pre: Limb/Nadir Sequence 2	53	29	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:43:37	2729405740	2729406267	1762
Pre: Limb/Nadir Sequence 2	53	30	Pre_07	7	Low Data Rate (400 kHz)	02-Jul-2002 04:44:40	2729421770	2729422297	1762
Pre: Limb/Nadir Sequence 2	53	31	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:45:48	2729439322	2729439849	1762
Pre: Limb/Nadir Sequence 2	53	32	Pre_07	7	Low Data Rate (400 kHz)	02-Jul-2002 04:46:51	2729455352	2729455879	1762
Pre: Limb/Nadir Sequence 2	53	33	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:47:59	2729472903	2729473430	1762
Pre: Limb/Nadir Sequence 2	53	34	Pre_07	7	Low Data Rate (400 kHz)	02-Jul-2002 04:49:02	2729488935	2729489462	1762
Pre: Limb/Nadir Sequence 2	53	35	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:50:11	2729506486	2729507013	1762
Pre: Limb/Nadir Sequence 2	53	36	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:51:13	2729522517	2729523044	1762
Pre: Limb/Nadir Sequence 2	53	37	Pre_32	32	Low Data Rate (400 kHz)	02-Jul-2002 04:52:22	2729540067	2729540594	1762
Pre: Limb/Nadir Sequence 2	53	38	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:53:24	2729556098	2729556625	1762
Pre: Limb/Nadir Sequence 2	53	39	Pre_31	31	Low Data Rate (400 kHz)	02-Jul-2002 04:54:33	2729573650	2729574177	1762
Pre: Limb/Nadir Sequence 2	53	40	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:55:36	2729589680	2729590207	1762
Pre: Limb/Nadir Sequence 2	53	41	Pre_31	31	Low Data Rate (400 kHz)	02-Jul-2002 04:56:44	2729607232	2729607759	1762
Pre: Limb/Nadir Sequence 2	53	42	Pre_06	6	Low Data Rate (400 kHz)	02-Jul-2002 04:57:47	2729623262	2729623789	1762
Pre: Limb/Nadir Sequence 2	53	43	Pre_31	31	Low Data Rate (400 kHz)	02-Jul-2002 04:58:55	2729640813	2729641340	1762
Pre: Limb/Nadir Sequence 2	53	44	Pre_05	5	Low Data Rate (400 kHz)	02-Jul-2002 04:59:58	2729656844	2729657371	1762
Pre: Limb/Nadir Sequence 2	53	45	Pre_30	30	Low Data Rate (400 kHz)	02-Jul-2002 05:01:07	2729674395	2729674922	1762
Pre: Limb/Nadir Sequence 2	53	46	Pre_05	5	Low Data Rate (400 kHz)	02-Jul-2002 05:02:09	2729690427	2729690954	1762
Pre: Limb/Nadir Sequence 2	53	47	Pre_30	30	Low Data Rate (400 kHz)	02-Jul-2002 05:03:18	2729707977	2729708504	1762
Pre: Limb/Nadir Sequence 2	53	48	Pre_04	4	Low Data Rate (400 kHz)	02-Jul-2002 05:04:20	2729724008	2729724535	1762
Pre: Limb/Nadir Sequence 2	53	49	Pre_03	3	Low Data Rate (400 kHz)	02-Jul-2002 05:05:29	2729741559	2729742086	1762
Pre: Limb/Nadir Sequence 2	53	50	Pre_03	3	Low Data Rate (400 kHz)	02-Jul-2002 05:06:52	2729762951	2729763478	1762
Pre: Limb/Nadir Sequence 2	53	51	Pre_02	2	Low Data Rate (400 kHz)	02-Jul-2002 05:08:16	2729784343	2729784870	1762
Pre: Limb/Nadir Sequence 2	53	52	Pre_02	2	Low Data Rate (400 kHz)	02-Jul-2002 05:09:40	2729805736	2729806263	1762
Pre: Limb/Nadir Sequence 2	53	53	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 05:11:03	2729827128	2729827655	1762
Pre: Limb/Nadir Sequence 2	53	54	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 05:12:27	2729848519	2729849046	1762
Pre: Limb/Nadir Sequence 2	53	55	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 05:13:50	2729869911	2729870438	1762
Pre: Limb/Nadir Sequence 2	53	56	Pre_01	1	Low Data Rate (400 kHz)	02-Jul-2002 05:15:14	2729891303	2729891830	1762
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 05:19:50	2729962068	2729963211	1762
Pre: Weekly_Calibration_Eclipse	56	1	Pre_46	46	Low Data Rate (400 kHz)	02-Jul-2002 05:20:36	2729973885	2729974676	1762
Pre: Weekly_Calibration_Eclipse	56	2	Pre_63	63	Low Data Rate (400 kHz)	02-Jul-2002 05:20:46	2729976440	2729977231	1762
Pre: Weekly_Calibration_Eclipse	56	3	Pre_67	67	Low Data Rate (400 kHz)	02-Jul-2002 05:21:21	2729985395	2729986186	1762
Pre: Weekly_Calibration_Eclipse	56	4	Pre_46	46	Low Data Rate (400 kHz)	02-Jul-2002 05:24:46	2730037868	2730038659	1762
Pre: Weekly_Calibration_Eclipse	56	5	Pre_59	59	Low Data Rate (400 kHz)	02-Jul-2002 05:24:56	2730040424	2730041698	1762
Pre: Weekly_Calibration_Eclipse	56	6	Pre_63	63	Low Data Rate (400 kHz)	02-Jul-2002 05:25:18	2730045946	2730046737	1762
Pre: Weekly_Calibration_Eclipse	56	7	Pre_67	67	Low Data Rate (400 kHz)	02-Jul-2002 05:25:53	2730054901	2730055692	1762
Pre: Weekly_Calibration_Eclipse	56	8	Pre_46	46	Low Data Rate (400 kHz)	02-Jul-2002 05:29:18	2730107374	2730108165	1762
Pre: Weekly_Calibration_Eclipse	56	9	Pre_27	27	Low Data Rate (400 kHz)	02-Jul-2002 05:29:28	2730109929	2730110456	1762
Pre: Weekly_Calibration_Eclipse	56	10	Pre_27	27	Low Data Rate (400 kHz)	02-Jul-2002 05:30:51	2730131322	2730131849	1762
Pre: Weekly_Calibration_Eclipse	56	11	Pre_63	63	Low Data Rate (400 kHz)	02-Jul-2002 05:32:15	2730152713	2730153504	1762
Pre: Weekly_Calibration_Eclipse	56	12	Pre_67	67	Low Data Rate (400 kHz)	02-Jul-2002 05:32:50	2730161668	2730162459	1762
Pre: Weekly_Calibration_Eclipse	56	13	Pre_46	46	Low Data Rate (400 kHz)	02-Jul-2002 05:36:15	2730214141	2730214932	1762
Pre: Weekly_Calibration_Eclipse	56	14	Pre_61	61	Low Data Rate (400 kHz)	02-Jul-2002 05:36:25	2730216696	2730218102	1762
Pre: Weekly_Calibration_Eclipse	56	15	Pre_63	63	Low Data Rate (400 kHz)	02-Jul-2002 05:36:48	2730222673	2730223464	1762
Pre: Weekly_Calibration_Eclipse	56	16	Pre_67	67	Low Data Rate (400 kHz)	02-Jul-2002 05:37:23	2730231628	2730232419	1762

## 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)	02-Jul-2002 07:00:26	2731507298	2731508441	1763
Approach of 3 Dark Current sets OBJ 42	28	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 07:33:24	2732013615	2732014142	1764
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 07:33:38	2732017085	2732017612	1764
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 07:33:51	2732020556	2732021083	1764
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 07:34:05	2732024027	2732024554	1764
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 07:34:28	2732030057	2732030584	1764
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 07:35:02	2732038649	2732039176	1764
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 07:35:45	2732049799	2732050326	1764
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 07:36:49	2732066072	2732066599	1764
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 07:37:33	2732077222	2732077749	1764
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 07:38:51	2732097333	2732097860	1764
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 07:39:05	2732100803	2732101330	1764
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 07:39:18	2732104275	2732104802	1764
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 07:39:32	2732107745	2732108272	1764
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 07:39:55	2732113776	2732114303	1764
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 07:40:29	2732122367	2732122894	1764
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 07:41:12	2732133518	2732134045	1764
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 07:42:16	2732149790	2732150317	1764
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 07:43:00	2732160941	2732161468	1764
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 07:44:18	2732181051	2732181578	1764
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 07:44:32	2732184522	2732185049	1764
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 07:44:45	2732187994	2732188521	1764
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 07:44:59	2732191464	2732191991	1764
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 07:45:22	2732197495	2732198022	1764
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 07:45:56	2732206086	2732206613	1764
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 07:46:40	2732217237	2732217764	1764
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 07:47:43	2732233509	2732234036	1764
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 07:48:27	2732244660	2732245187	1764
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 07:53:32	2732322749	2732323276	1764
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 07:53:45	2732326219	2732326746	1764
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 07:53:59	2732329690	2732330217	1764
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 07:54:12	2732333161	2732333688	1764
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 07:54:36	2732339192	2732339719	1764
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 07:55:09	2732347783	2732348310	1764
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 07:55:53	2732358937	2732359464	1764
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 07:56:57	2732375206	2732375733	1764
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 07:57:40	2732386356	2732386883	1764
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 07:58:59	2732406467	2732406994	1764
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 07:59:12	2732409938	2732410465	1764
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 07:59:26	2732413409	2732413936	1764
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 07:59:39	2732416880	2732417407	1764
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:00:03	2732422911	2732423438	1764
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:00:36	2732431503	2732432030	1764
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:01:20	2732442653	2732443180	1764
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:02:24	2732458925	2732459452	1764
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:03:07	2732470075	2732470602	1764
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:04:26	2732490186	2732490713	1764
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:04:39	2732493658	2732494185	1764
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:04:53	2732497129	2732497656	1764
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:05:06	2732500599	2732501126	1764
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:05:30	2732506630	2732507157	1764
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:06:04	2732515222	2732515749	1764
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:06:47	2732526373	2732526900	1764
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:07:51	2732542644	2732543171	1764
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:08:34	2732553794	2732554321	1764
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:09:57	2732574919	2732575446	1764
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:10:10	2732578390	2732578917	1764
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:10:24	2732581861	2732582388	1764
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:10:37	2732585332	2732585859	1764
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:11:01	2732591363	2732591890	1764
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:11:35	2732599955	2732600482	1764
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:12:18	2732611106	2732611633	1764
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:13:22	2732627377	2732627904	1764
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:14:05	2732638527	2732639054	1764

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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	21	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:15:24	2732658638	2732659165	1764
Approach of 3 Dark Current sets OBJ 42	21	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:15:37	2732662109	2732662636	1764
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:15:51	2732665580	2732666107	1764
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:16:04	2732669051	2732669578	1764
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:16:28	2732675082	2732675609	1764
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:17:02	2732683674	2732684201	1764
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:17:45	2732694825	2732695352	1764
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:18:49	2732711095	2732711622	1764
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:19:32	2732722247	2732722774	1764
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:20:51	2732742357	2732742884	1764
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:21:04	2732745828	2732746355	1764
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:21:18	2732749299	2732749826	1764
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:21:31	2732752771	2732753298	1764
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:21:55	2732758801	2732759328	1764
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:22:29	2732767392	2732767919	1764
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:23:12	2732778543	2732779070	1764
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:24:16	2732794814	2732795341	1764
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:24:59	2732805965	2732806492	1764
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:26:22	2732827091	2732827618	1764
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:26:35	2732830563	2732831090	1764
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:26:49	2732834033	2732834560	1764
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:27:02	2732837505	2732838032	1764
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:27:26	2732843535	2732844062	1764
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:28:00	2732852126	2732852653	1764
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:28:43	2732863277	2732863804	1764
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:29:47	2732879548	2732880075	1764
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:30:30	2732890700	2732891227	1764
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:31:49	2732910810	2732911337	1764
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:32:02	2732914281	2732914808	1764
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:32:16	2732917752	2732918279	1764
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:32:29	2732921224	2732921751	1764
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:32:53	2732927255	2732927782	1764
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:33:27	2732935845	2732936372	1764
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:34:10	2732946996	2732947523	1764
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:35:14	2732963267	2732963794	1764
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:35:57	2732974419	2732974946	1764
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 08:41:02	2733052507	2733053650	1764
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:41:48	2733064326	2733064853	1764
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:42:02	2733067797	2733068324	1764
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:42:16	2733071267	2733071794	1764
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:42:29	2733074738	2733075265	1764
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:42:53	2733080769	2733081296	1764
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:43:26	2733089360	2733089887	1764
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:44:10	2733100511	2733101038	1764
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:45:13	2733116783	2733117310	1764
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:45:57	2733127933	2733128460	1764
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:47:15	2733148044	2733148571	1764
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:47:29	2733151516	2733152043	1764
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:47:43	2733154986	2733155513	1764
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:47:56	2733158457	2733158984	1764
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:48:20	2733164488	2733165015	1764
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:48:53	2733173079	2733173606	1764
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:49:37	2733184230	2733184757	1764
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:50:40	2733200502	2733201029	1764
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:51:24	2733211652	2733212179	1764
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 08:52:43	2733231763	2733232290	1764
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 08:52:56	2733235235	2733235762	1764
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 08:53:10	2733238705	2733239232	1764
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 08:53:23	2733242176	2733242703	1764
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 08:53:47	2733248207	2733248734	1764
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 08:54:20	2733256799	2733257326	1764
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 08:55:04	2733267949	2733268476	1764
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 08:56:07	2733284221	2733284748	1764
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 08:56:51	2733295372	2733295899	1764

## 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	28	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:14:00	2733558810	2733559337	1765
Approach of 3 Dark Current sets OBJ 42	28	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:14:14	2733562281	2733562808	1765
Approach of 3 Dark Current sets OBJ 42	28	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:14:27	2733565752	2733566279	1765
Approach of 3 Dark Current sets OBJ 42	28	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:14:41	2733569223	2733569750	1765
Approach of 3 Dark Current sets OBJ 42	28	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:15:04	2733575254	2733575781	1765
Approach of 3 Dark Current sets OBJ 42	28	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:15:38	2733583845	2733584372	1765
Approach of 3 Dark Current sets OBJ 42	28	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:16:21	2733594997	2733595524	1765
Approach of 3 Dark Current sets OBJ 42	28	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:17:25	2733611268	2733611795	1765
Approach of 3 Dark Current sets OBJ 42	28	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:18:09	2733622418	2733622945	1765
Approach of 3 Dark Current sets OBJ 42	28	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:19:27	2733642529	2733643056	1765
Approach of 3 Dark Current sets OBJ 42	28	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:19:41	2733646000	2733646527	1765
Approach of 3 Dark Current sets OBJ 42	28	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:19:54	2733649471	2733649998	1765
Approach of 3 Dark Current sets OBJ 42	28	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:20:08	2733652942	2733653469	1765
Approach of 3 Dark Current sets OBJ 42	28	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:20:31	2733658973	2733659500	1765
Approach of 3 Dark Current sets OBJ 42	28	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:21:05	2733667564	2733668091	1765
Approach of 3 Dark Current sets OBJ 42	28	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:21:48	2733678715	2733679242	1765
Approach of 3 Dark Current sets OBJ 42	28	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:22:52	2733694987	2733695514	1765
Approach of 3 Dark Current sets OBJ 42	28	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:23:36	2733706137	2733706664	1765
Approach of 3 Dark Current sets OBJ 42	28	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:24:54	2733726249	2733726776	1765
Approach of 3 Dark Current sets OBJ 42	28	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:25:08	2733729719	2733730246	1765
Approach of 3 Dark Current sets OBJ 42	28	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:25:21	2733733191	2733733718	1765
Approach of 3 Dark Current sets OBJ 42	28	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:25:35	2733736661	2733737188	1765
Approach of 3 Dark Current sets OBJ 42	28	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:25:58	2733742692	2733743219	1765
Approach of 3 Dark Current sets OBJ 42	28	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:26:32	2733751283	2733751810	1765
Approach of 3 Dark Current sets OBJ 42	28	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:27:15	2733762434	2733762961	1765
Approach of 3 Dark Current sets OBJ 42	28	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:28:19	2733778706	2733779233	1765
Approach of 3 Dark Current sets OBJ 42	28	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:29:03	2733789856	2733790383	1765
Approach of 3 Dark Current sets OBJ 42	20	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:34:08	2733867949	2733868476	1765
Approach of 3 Dark Current sets OBJ 42	20	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:34:21	2733871421	2733871948	1765
Approach of 3 Dark Current sets OBJ 42	20	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:34:35	2733874891	2733875418	1765
Approach of 3 Dark Current sets OBJ 42	20	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:34:48	2733878362	2733878889	1765
Approach of 3 Dark Current sets OBJ 42	20	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:35:12	2733884394	2733884921	1765
Approach of 3 Dark Current sets OBJ 42	20	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:35:45	2733892984	2733893511	1765
Approach of 3 Dark Current sets OBJ 42	20	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:36:29	2733904135	2733904662	1765
Approach of 3 Dark Current sets OBJ 42	20	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:37:33	2733920406	2733920933	1765
Approach of 3 Dark Current sets OBJ 42	20	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:38:16	2733931558	2733932085	1765
Approach of 3 Dark Current sets OBJ 42	20	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:39:35	2733951668	2733952195	1765
Approach of 3 Dark Current sets OBJ 42	20	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:39:48	2733955140	2733955667	1765
Approach of 3 Dark Current sets OBJ 42	20	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:40:02	2733958611	2733959138	1765
Approach of 3 Dark Current sets OBJ 42	20	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:40:15	2733962081	2733962608	1765
Approach of 3 Dark Current sets OBJ 42	20	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:40:39	2733968112	2733968639	1765
Approach of 3 Dark Current sets OBJ 42	20	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:41:12	2733976704	2733977231	1765
Approach of 3 Dark Current sets OBJ 42	20	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:41:56	2733987854	2733988381	1765
Approach of 3 Dark Current sets OBJ 42	20	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:43:00	2734004126	2734004653	1765
Approach of 3 Dark Current sets OBJ 42	20	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:43:43	2734015276	2734015803	1765
Approach of 3 Dark Current sets OBJ 42	20	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:45:02	2734035387	2734035914	1765
Approach of 3 Dark Current sets OBJ 42	20	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:45:15	2734038859	2734039386	1765
Approach of 3 Dark Current sets OBJ 42	20	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:45:29	2734042329	2734042856	1765
Approach of 3 Dark Current sets OBJ 42	20	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:45:42	2734045800	2734046327	1765
Approach of 3 Dark Current sets OBJ 42	20	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:46:06	2734051832	2734052359	1765
Approach of 3 Dark Current sets OBJ 42	20	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:46:39	2734060422	2734060949	1765
Approach of 3 Dark Current sets OBJ 42	20	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:47:23	2734071574	2734072101	1765
Approach of 3 Dark Current sets OBJ 42	20	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:48:27	2734087844	2734088371	1765
Approach of 3 Dark Current sets OBJ 42	20	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:49:10	2734098996	2734099523	1765
Approach of 3 Dark Current sets OBJ 42	21	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:50:33	2734120120	2734120647	1765
Approach of 3 Dark Current sets OBJ 42	21	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:50:46	2734123591	2734124118	1765
Approach of 3 Dark Current sets OBJ 42	21	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:51:00	2734127063	2734127590	1765
Approach of 3 Dark Current sets OBJ 42	21	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:51:13	2734130533	2734131060	1765
Approach of 3 Dark Current sets OBJ 42	21	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:51:37	2734136564	2734137091	1765
Approach of 3 Dark Current sets OBJ 42	21	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:52:10	2734145155	2734145682	1765
Approach of 3 Dark Current sets OBJ 42	21	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:52:54	2734156307	2734156834	1765
Approach of 3 Dark Current sets OBJ 42	21	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:53:58	2734172577	2734173104	1765
Approach of 3 Dark Current sets OBJ 42	21	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 09:54:41	2734183729	2734184256	1765
Approach of 3 Dark Current sets OBJ 42	21	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 09:56:00	2734203839	2734204366	1765

## 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	21	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 09:56:13	2734207310	2734207837	1765
Approach of 3 Dark Current sets OBJ 42	21	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 09:56:27	2734210782	2734211309	1765
Approach of 3 Dark Current sets OBJ 42	21	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 09:56:40	2734214252	2734214779	1765
Approach of 3 Dark Current sets OBJ 42	21	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 09:57:04	2734220283	2734220810	1765
Approach of 3 Dark Current sets OBJ 42	21	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 09:57:37	2734228875	2734229402	1765
Approach of 3 Dark Current sets OBJ 42	21	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 09:58:21	2734240026	2734240553	1765
Approach of 3 Dark Current sets OBJ 42	21	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 09:59:25	2734256296	2734256823	1765
Approach of 3 Dark Current sets OBJ 42	21	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:00:08	2734267448	2734267975	1765
Approach of 3 Dark Current sets OBJ 42	21	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:01:27	2734287559	2734288086	1765
Approach of 3 Dark Current sets OBJ 42	21	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:01:40	2734291029	2734291556	1765
Approach of 3 Dark Current sets OBJ 42	21	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:01:54	2734294500	2734295027	1765
Approach of 3 Dark Current sets OBJ 42	21	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:02:07	2734297971	2734298498	1765
Approach of 3 Dark Current sets OBJ 42	21	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:02:31	2734304002	2734304529	1765
Approach of 3 Dark Current sets OBJ 42	21	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:03:05	2734312594	2734313121	1765
Approach of 3 Dark Current sets OBJ 42	21	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:03:48	2734323746	2734324273	1765
Approach of 3 Dark Current sets OBJ 42	21	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:04:52	2734340015	2734340542	1765
Approach of 3 Dark Current sets OBJ 42	21	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:05:35	2734351166	2734351693	1765
Approach of 3 Dark Current sets OBJ 42	22	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:06:58	2734372292	2734372819	1765
Approach of 3 Dark Current sets OBJ 42	22	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:07:11	2734375764	2734376291	1765
Approach of 3 Dark Current sets OBJ 42	22	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:07:25	2734379234	2734379761	1765
Approach of 3 Dark Current sets OBJ 42	22	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:07:38	2734382705	2734383232	1765
Approach of 3 Dark Current sets OBJ 42	22	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:08:02	2734388737	2734389264	1765
Approach of 3 Dark Current sets OBJ 42	22	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:08:36	2734397328	2734397855	1765
Approach of 3 Dark Current sets OBJ 42	22	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:09:19	2734408481	2734409008	1765
Approach of 3 Dark Current sets OBJ 42	22	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:10:23	2734424750	2734425277	1765
Approach of 3 Dark Current sets OBJ 42	22	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:11:06	2734435901	2734436428	1765
Approach of 3 Dark Current sets OBJ 42	22	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:12:25	2734456012	2734456539	1765
Approach of 3 Dark Current sets OBJ 42	22	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:12:38	2734459482	2734460009	1765
Approach of 3 Dark Current sets OBJ 42	22	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:12:52	2734462954	2734463481	1765
Approach of 3 Dark Current sets OBJ 42	22	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:13:05	2734466424	2734466951	1765
Approach of 3 Dark Current sets OBJ 42	22	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:13:29	2734472456	2734472983	1765
Approach of 3 Dark Current sets OBJ 42	22	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:14:03	2734481046	2734481573	1765
Approach of 3 Dark Current sets OBJ 42	22	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:14:46	2734492198	2734492725	1765
Approach of 3 Dark Current sets OBJ 42	22	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:15:50	2734508468	2734508995	1765
Approach of 3 Dark Current sets OBJ 42	22	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:16:33	2734519620	2734520147	1765
ADC Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 10:21:38	2734597712	2734598855	1765
Approach of 3 Dark Current sets OBJ 42	23	1	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:22:24	2734609530	2734610057	1765
Approach of 3 Dark Current sets OBJ 42	23	2	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:22:38	2734613004	2734613531	1765
Approach of 3 Dark Current sets OBJ 42	23	3	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:22:52	2734616472	2734616999	1765
Approach of 3 Dark Current sets OBJ 42	23	4	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:23:05	2734619943	2734620470	1765
Approach of 3 Dark Current sets OBJ 42	23	5	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:23:29	2734625974	2734626501	1765
Approach of 3 Dark Current sets OBJ 42	23	6	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:24:02	2734634565	2734635092	1765
Approach of 3 Dark Current sets OBJ 42	23	7	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:24:46	2734645717	2734646244	1765
Approach of 3 Dark Current sets OBJ 42	23	8	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:25:49	2734661988	2734662515	1765
Approach of 3 Dark Current sets OBJ 42	23	9	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:26:33	2734673138	2734673665	1765
Approach of 3 Dark Current sets OBJ 42	23	10	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:27:51	2734693249	2734693776	1765
Approach of 3 Dark Current sets OBJ 42	23	11	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:28:05	2734696722	2734697249	1765
Approach of 3 Dark Current sets OBJ 42	23	12	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:28:19	2734700191	2734700718	1765
Approach of 3 Dark Current sets OBJ 42	23	13	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:28:32	2734703662	2734704189	1765
Approach of 3 Dark Current sets OBJ 42	23	14	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:28:56	2734709694	2734710221	1765
Approach of 3 Dark Current sets OBJ 42	23	15	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:29:29	2734718284	2734718811	1765
Approach of 3 Dark Current sets OBJ 42	23	16	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:30:13	2734729435	2734729962	1765
Approach of 3 Dark Current sets OBJ 42	23	17	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:31:16	2734745706	2734746233	1765
Approach of 3 Dark Current sets OBJ 42	23	18	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:32:00	2734756857	2734757384	1765
Approach of 3 Dark Current sets OBJ 42	23	19	D_PET_1	8	Low Data Rate (400 kHz)	02-Jul-2002 10:33:18	2734776968	2734777495	1765
Approach of 3 Dark Current sets OBJ 42	23	20	D_PET_2	23	Low Data Rate (400 kHz)	02-Jul-2002 10:33:32	2734780441	2734780968	1765
Approach of 3 Dark Current sets OBJ 42	23	21	D_PET_3	24	Low Data Rate (400 kHz)	02-Jul-2002 10:33:46	2734783910	2734784437	1765
Approach of 3 Dark Current sets OBJ 42	23	22	D_PET_4	25	Low Data Rate (400 kHz)	02-Jul-2002 10:33:59	2734787381	2734787908	1765
Approach of 3 Dark Current sets OBJ 42	23	23	D_PET_5	26	Low Data Rate (400 kHz)	02-Jul-2002 10:34:23	2734793412	2734793939	1765
Approach of 3 Dark Current sets OBJ 42	23	24	D_PET_6	35	Low Data Rate (400 kHz)	02-Jul-2002 10:34:56	2734802003	2734802530	1765
Approach of 3 Dark Current sets OBJ 42	23	25	D_PET_7	40	Low Data Rate (400 kHz)	02-Jul-2002 10:35:40	2734813154	2734813681	1765
Approach of 3 Dark Current sets OBJ 42	23	26	D_PET_8	41	Low Data Rate (400 kHz)	02-Jul-2002 10:36:43	2734829425	2734829952	1765
Approach of 3 Dark Current sets OBJ 42	23	27	D_PET_9	44	Low Data Rate (400 kHz)	02-Jul-2002 10:37:27	2734840577	2734841104	1765
SF State OBJ 94	36	1	S_SFE_3	9	High Data Rate (1867 kHz)	02-Jul-2002 10:52:56	2735078430	2735079221	1766

## 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
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 12:02:14	2736142903	2736144046	1766
SF State OBJ 94	37	1	S_SFE_4	10	High Data Rate (1867 kHz)	02-Jul-2002 12:33:02	2736615869	2736616660	1767
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 13:42:50	2737688099	2737689242	1767
SF State OBJ 94	38	1	S_SFE_5	11	High Data Rate (1867 kHz)	02-Jul-2002 14:14:08	2738168809	2738169600	1768
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 15:23:26	2739233327	2739234470	1768
SF State OBJ 94	39	1	S_SFE_6	12	High Data Rate (1867 kHz)	02-Jul-2002 15:55:37	2739727547	2739728338	1769
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 17:04:02	2740778575	2740779718	1769
SF State OBJ 94	40	1	S_SFE_7	13	Low Data Rate (400 kHz)	02-Jul-2002 18:07:54	2741759425	2741760463	1770
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 18:44:38	2742323807	2742324950	1770
ADC_Calibration	63	1	Pre_65	65	Low Data Rate (400 kHz)	02-Jul-2002 20:25:14	2743869016	2743870159	1771
Monitoring TML SRC open	31	1	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	02-Jul-2002 20:58:12	2744375258	2744376532	1772
Monitoring TML SRC open	31	2	WLS_Moni_op_1	16	Low Data Rate (400 kHz)	02-Jul-2002 20:58:34	2744380972	2744382246	1772
Monitoring TML SRC open	31	3	D_WLS_Moni_op_1	11	Low Data Rate (400 kHz)	02-Jul-2002 20:58:56	2744386684	2744387958	1772
Monitoring TML SRC open	31	4	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	02-Jul-2002 20:59:19	2744392397	2744393803	1772
Monitoring TML SRC open	31	5	WLS_Moni_op_2	48	Low Data Rate (400 kHz)	02-Jul-2002 20:59:42	2744398374	2744399780	1772
Monitoring TML SRC open	31	6	D_WLS_Moni_op_2	12	Low Data Rate (400 kHz)	02-Jul-2002 21:00:05	2744404351	2744405757	1772
Monitoring TML SRC open	31	7	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	02-Jul-2002 21:00:29	2744410329	2744411603	1772
Monitoring TML SRC open	31	8	SLS_Pre69_op	69	Low Data Rate (400 kHz)	02-Jul-2002 21:01:58	2744433261	2744434535	1772
Monitoring TML SRC open	31	9	D_SLS_Pre69_op	10	Low Data Rate (400 kHz)	02-Jul-2002 21:03:28	2744456192	2744457466	1772
Monitoring TML SRC open	31	10	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	02-Jul-2002 21:04:58	2744479125	2744480399	1772
Monitoring TML SRC open	31	11	WLS_Pre70_op	70	Low Data Rate (400 kHz)	02-Jul-2002 21:06:28	2744502246	2744503520	1772
Monitoring TML SRC open	31	12	D_WLS_Pre70_op	14	Low Data Rate (400 kHz)	02-Jul-2002 21:07:58	2744525368	2744526642	1772
Monitoring TML SRC open	31	13	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	02-Jul-2002 21:09:28	2744548490	2744549764	1772
Monitoring TML SRC open	31	14	SLS_Pre59_op	59	Low Data Rate (400 kHz)	02-Jul-2002 21:09:50	2744554014	2744555288	1772
Monitoring TML SRC open	31	15	D_SLS_Pre59_op	9	Low Data Rate (400 kHz)	02-Jul-2002 21:10:12	2744559536	2744560810	1772
Monitoring TML SRC open	31	16	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	02-Jul-2002 21:10:33	2744565059	2744566465	1772
Monitoring TML SRC open	31	17	WLS_Pre61_op	61	Low Data Rate (400 kHz)	02-Jul-2002 21:10:57	2744571037	2744572443	1772
Monitoring TML SRC open	31	18	D_WLS_Pre61_op	13	Low Data Rate (400 kHz)	02-Jul-2002 21:11:20	2744577013	2744578419	1772
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	02-Jul-2002 22:05:50	2745414208	2745415351	1772
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	02-Jul-2002 23:46:26	2746959402	2746960545	1773
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 01:27:02	2748504606	2748505749	1774
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 03:07:38	2750049835	2750050978	1775
ADC_Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 04:48:14	2751595082	2751596225	1776
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Bet_29	29		State removed from Timeline			1777
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Bet_29	29		State removed from Timeline			1777
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Bet_29	29		State removed from Timeline			1777
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Bet_29	29		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	1	Bet_30	30		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	2	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	3	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	4	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	5	Bet_04	4		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	6	Bet_32	32		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	7	Bet_05	5		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	8	Bet_32	32		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	9	Bet_06	6		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	10	Bet_32	32		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	11	Bet_06	6		State removed from Timeline			1777

## 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
Bet: Limb/Nadir Sequence 1	50	13	Bet_06	6		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	19	Bet_07	7		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	21	Bet_07	7		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	29	Bet_06	6		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	31	Bet_06	6		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	32	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	33	Bet_06	6		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	34	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	35	Bet_05	5		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	36	Bet_31	31		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	37	Bet_05	5		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	38	Bet_30	30		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	39	Bet_04	4		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	40	Bet_33	33		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	41	Bet_04	4		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	42	Bet_33	33		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	43	Bet_03	3		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	44	Bet_33	33		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	45	Bet_02	2		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	46	Bet_33	33		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	47	Bet_01	1		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	48	Bet_01	1		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	49	Bet_01	1		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	50	Bet_01	1		State removed from Timeline			1777
Bet: Limb/Nadir Sequence 1	50	51	Bet_01	1		State removed from Timeline			1777
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Bet_49	49	High Data Rate (1867 kHz)	03-Jul-2002 05:18:31	2752060270	2752061061	1777
Bet: Limb/Nadir Sequence 1	50	12	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:33:28	2752289782	2752290309	1777
Bet: Limb/Nadir Sequence 1	50	14	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:35:39	2752323364	2752323891	1777
Bet: Limb/Nadir Sequence 1	50	15	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 05:36:42	2752339395	2752339922	1777
Bet: Limb/Nadir Sequence 1	50	16	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:37:50	2752356946	2752357473	1777
Bet: Limb/Nadir Sequence 1	50	17	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 05:38:53	2752372978	2752373505	1777
Bet: Limb/Nadir Sequence 1	50	18	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:40:01	2752390528	2752391055	1777
Bet: Limb/Nadir Sequence 1	50	20	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:42:13	2752424111	2752424638	1777
Bet: Limb/Nadir Sequence 1	50	22	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:44:24	2752457692	2752458219	1777
Bet: Limb/Nadir Sequence 1	50	23	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 05:45:26	2752473723	2752474250	1777
Bet: Limb/Nadir Sequence 1	50	24	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:46:35	2752491274	2752491801	1777
Bet: Limb/Nadir Sequence 1	50	25	Bet_07	7	Low Data Rate (400 kHz)	03-Jul-2002 05:47:38	2752507307	2752507834	1777
Bet: Limb/Nadir Sequence 1	50	26	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:48:46	2752524856	2752525383	1777



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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
Bet: Limb/Nadir Sequence 1	50	27	Bet_07	7	Low Data Rate (400 kHz)	03-Jul-2002 05:49:49	2752540888	2752541415	1777
Bet: Limb/Nadir Sequence 1	50	28	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:50:57	2752558438	2752558965	1777
Bet: Limb/Nadir Sequence 1	50	30	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 05:53:09	2752592022	2752592549	1777
Bet: Limb/Nadir Sequence 1	50	52	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 06:18:23	2752979827	2752980354	1777
Bet: Limb/Nadir Sequence 1	50	53	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 06:19:47	2753001218	2753001745	1777
Bet: Limb/Nadir Sequence 1	50	54	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 06:21:11	2753022611	2753023138	1777
Bet: Limb/Nadir Sequence 1	50	55	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 06:22:34	2753044002	2753044529	1777
Bet: Limb/Nadir Sequence 1	50	56	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 06:23:58	2753065394	2753065921	1777
ADC Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 06:28:50	2753140320	2753141463	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	1	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:29:36	2753152137	2753152664	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	2	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:30:21	2753163417	2753163944	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	3	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:31:05	2753174696	2753175223	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	4	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:31:49	2753185974	2753186501	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	5	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:32:33	2753197253	2753197780	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	6	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:33:17	2753208532	2753209059	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	7	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:34:01	2753219811	2753220338	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	8	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:34:45	2753231090	2753231617	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	9	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:35:29	2753242369	2753242896	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	10	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:36:13	2753253648	2753254175	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	11	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:36:57	2753264927	2753265454	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	12	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:37:41	2753276206	2753276733	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	13	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:38:25	2753287485	2753288012	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	14	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:39:09	2753298765	2753299292	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	15	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:39:53	2753310043	2753310570	1777
Bet: Orbit_Daily_Calibration_Eclipse	55	16	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 06:40:37	2753321322	2753321849	1777
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Bet_29	29		State removed from Timeline			1778
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Bet_29	29		State removed from Timeline			1778
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Bet_29	29		State removed from Timeline			1778
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Bet_29	29		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	1	Bet_30	30		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	2	Bet_31	31		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	3	Bet_31	31		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	5	Bet_32	32		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	7	Bet_32	32		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	9	Bet_32	32		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	11	Bet_32	32		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	28	Bet_06	6		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	30	Bet_06	6		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	31	Bet_31	31		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	32	Bet_06	6		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	33	Bet_31	31		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	34	Bet_06	6		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	35	Bet_31	31		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	36	Bet_05	5		State removed from Timeline			1778

## 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
Bet: Limb/Nadir Sequence 2	53	37	Bet_30	30		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	38	Bet_04	4		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	39	Bet_33	33		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	40	Bet_04	4		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	41	Bet_33	33		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	42	Bet_03	3		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	43	Bet_33	33		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	44	Bet_02	2		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	45	Bet_33	33		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	46	Bet_01	1		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	47	Bet_33	33		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	48	Bet_01	1		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	49	Bet_01	1		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	50	Bet_01	1		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	51	Bet_01	1		State removed from Timeline			1778
Bet: Limb/Nadir Sequence 2	53	52	Bet_01	1		State removed from Timeline			1778
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Bet_49	49	High Data Rate (1867 kHz)	03-Jul-2002 06:59:07	2753605491	2753606282	1778
Bet: Limb/Nadir Sequence 2	53	4	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 07:04:34	2753689154	2753689681	1778
Bet: Limb/Nadir Sequence 2	53	6	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 07:07:00	2753726576	2753727103	1778
Bet: Limb/Nadir Sequence 2	53	8	Bet_02	2	Low Data Rate (400 kHz)	03-Jul-2002 07:09:27	2753764000	2753764527	1778
Bet: Limb/Nadir Sequence 2	53	10	Bet_03	3	Low Data Rate (400 kHz)	03-Jul-2002 07:11:53	2753801422	2753801949	1778
Bet: Limb/Nadir Sequence 2	53	12	Bet_04	4	Low Data Rate (400 kHz)	03-Jul-2002 07:14:19	2753838846	2753839373	1778
Bet: Limb/Nadir Sequence 2	53	13	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:15:27	2753856397	2753856924	1778
Bet: Limb/Nadir Sequence 2	53	14	Bet_05	5	Low Data Rate (400 kHz)	03-Jul-2002 07:16:30	2753872428	2753872955	1778
Bet: Limb/Nadir Sequence 2	53	15	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:17:39	2753889978	2753890505	1778
Bet: Limb/Nadir Sequence 2	53	16	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 07:18:41	2753906009	2753906536	1778
Bet: Limb/Nadir Sequence 2	53	17	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:19:50	2753923560	2753924087	1778
Bet: Limb/Nadir Sequence 2	53	18	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 07:20:52	2753939591	2753940118	1778
Bet: Limb/Nadir Sequence 2	53	19	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:22:01	2753957143	2753957670	1778
Bet: Limb/Nadir Sequence 2	53	20	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 07:23:04	2753973173	2753973700	1778
Bet: Limb/Nadir Sequence 2	53	21	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:24:12	2753990725	2753991252	1778
Bet: Limb/Nadir Sequence 2	53	22	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 07:25:15	2754006755	2754007282	1778
Bet: Limb/Nadir Sequence 2	53	23	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:26:23	2754024307	2754024834	1778
Bet: Limb/Nadir Sequence 2	53	24	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 07:27:26	2754040338	2754040865	1778
Bet: Limb/Nadir Sequence 2	53	25	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:28:35	2754057889	2754058416	1778
Bet: Limb/Nadir Sequence 2	53	26	Bet_07	7	Low Data Rate (400 kHz)	03-Jul-2002 07:29:37	2754073920	2754074447	1778
Bet: Limb/Nadir Sequence 2	53	27	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:30:46	2754091470	2754091997	1778
Bet: Limb/Nadir Sequence 2	53	29	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 07:32:57	2754125053	2754125580	1778
Bet: Limb/Nadir Sequence 2	53	53	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 08:00:23	2754546441	2754546968	1778
Bet: Limb/Nadir Sequence 2	53	54	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 08:01:47	2754567833	2754568360	1778
Bet: Limb/Nadir Sequence 2	53	55	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 08:03:10	2754589224	2754589751	1778
Bet: Limb/Nadir Sequence 2	53	56	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 08:04:34	2754610616	2754611143	1778
ADC Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 08:09:26	2754685538	2754686681	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	1	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:10:12	2754697356	2754697883	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	2	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:10:57	2754708635	2754709162	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	3	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:11:41	2754719913	2754720440	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	4	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:12:25	2754731192	2754731719	1778

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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
Bet: Orbit_Daily_Calibration_Eclipse	55	5	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:13:09	2754742471	2754742998	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	6	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:13:53	2754753750	2754754277	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	7	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:14:37	2754765030	2754765557	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	8	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:15:21	2754776308	2754776835	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	9	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:16:05	2754787588	2754788115	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	10	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:16:49	2754798867	2754799394	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	11	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:17:33	2754810145	2754810672	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	12	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:18:17	2754821424	2754821951	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	13	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:19:01	2754832703	2754833230	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	14	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:19:45	2754843982	2754844509	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	15	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:20:29	2754855261	2754855788	1778
Bet: Orbit_Daily_Calibration_Eclipse	55	16	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 08:21:13	2754866540	2754867067	1778
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	1	Bet_29	29		State removed from Timeline			1779
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	2	Bet_29	29		State removed from Timeline			1779
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	3	Bet_29	29		State removed from Timeline			1779
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	4	Bet_29	29		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	1	Bet_30	30		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	2	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	3	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	4	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	5	Bet_04	4		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	6	Bet_32	32		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	7	Bet_05	5		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	8	Bet_32	32		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	9	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	10	Bet_32	32		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	11	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	13	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	19	Bet_07	7		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	21	Bet_07	7		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	29	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	31	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	32	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	33	Bet_06	6		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	34	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	35	Bet_05	5		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	36	Bet_31	31		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	37	Bet_05	5		State removed from Timeline			1779

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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
Bet: Limb/Nadir Sequence 1	50	38	Bet_30	30		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	39	Bet_04	4		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	40	Bet_33	33		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	41	Bet_04	4		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	42	Bet_33	33		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	43	Bet_03	3		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	44	Bet_33	33		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	45	Bet_02	2		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	46	Bet_33	33		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	47	Bet_01	1		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	48	Bet_01	1		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	49	Bet_01	1		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	50	Bet_01	1		State removed from Timeline			1779
Bet: Limb/Nadir Sequence 1	50	51	Bet_01	1		State removed from Timeline			1779
Bet: Limb sequence incl. SO&C (nominal scanning, long duration)	1	5	Bet_49	49	High Data Rate (1867 kHz)	03-Jul-2002 08:39:43	2755150690	2755151481	1779
Bet: Limb/Nadir Sequence 1	50	12	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 08:54:40	2755380204	2755380731	1779
Bet: Limb/Nadir Sequence 1	50	14	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 08:56:51	2755413785	2755414312	1779
Bet: Limb/Nadir Sequence 1	50	15	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 08:57:54	2755429816	2755430343	1779
Bet: Limb/Nadir Sequence 1	50	16	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 08:59:02	2755447367	2755447894	1779
Bet: Limb/Nadir Sequence 1	50	17	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 09:00:05	2755463399	2755463926	1779
Bet: Limb/Nadir Sequence 1	50	18	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:01:13	2755480949	2755481476	1779
Bet: Limb/Nadir Sequence 1	50	20	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:03:25	2755514531	2755515058	1779
Bet: Limb/Nadir Sequence 1	50	22	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:05:36	2755548114	2755548641	1779
Bet: Limb/Nadir Sequence 1	50	23	Bet_06	6	Low Data Rate (400 kHz)	03-Jul-2002 09:06:38	2755564145	2755564672	1779
Bet: Limb/Nadir Sequence 1	50	24	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:07:47	2755581695	2755582222	1779
Bet: Limb/Nadir Sequence 1	50	25	Bet_07	7	Low Data Rate (400 kHz)	03-Jul-2002 09:08:50	2755597726	2755598253	1779
Bet: Limb/Nadir Sequence 1	50	26	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:09:58	2755615278	2755615805	1779
Bet: Limb/Nadir Sequence 1	50	27	Bet_07	7	Low Data Rate (400 kHz)	03-Jul-2002 09:11:01	2755631309	2755631836	1779
Bet: Limb/Nadir Sequence 1	50	28	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:12:09	2755648859	2755649386	1779
Bet: Limb/Nadir Sequence 1	50	30	Bet_32	32	Low Data Rate (400 kHz)	03-Jul-2002 09:14:20	2755682442	2755682969	1779
Bet: Limb/Nadir Sequence 1	50	52	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 09:39:35	2756070247	2756070774	1779
Bet: Limb/Nadir Sequence 1	50	53	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 09:40:59	2756091639	2756092166	1779
Bet: Limb/Nadir Sequence 1	50	54	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 09:42:22	2756113032	2756113559	1779
Bet: Limb/Nadir Sequence 1	50	55	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 09:43:46	2756134423	2756134950	1779
Bet: Limb/Nadir Sequence 1	50	56	Bet_01	1	Low Data Rate (400 kHz)	03-Jul-2002 09:45:10	2756155816	2756156343	1779
ADC Calibration	63	1	Bet_65	65	Low Data Rate (400 kHz)	03-Jul-2002 09:50:02	2756230743	2756231886	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	1	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:50:48	2756242562	2756243089	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	2	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:51:33	2756253841	2756254368	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	3	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:52:17	2756265120	2756265647	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	4	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:53:01	2756276399	2756276926	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	5	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:53:45	2756287678	2756288205	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	6	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:54:29	2756298956	2756299483	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	7	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:55:13	2756310236	2756310763	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	8	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:55:57	2756321514	2756322041	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	9	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:56:41	2756332793	2756333320	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	10	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:57:25	2756344072	2756344599	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	11	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:58:09	2756355351	2756355878	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	12	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:58:53	2756366630	2756367157	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	13	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 09:59:37	2756377910	2756378437	1779

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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
Bet: Orbit_Daily_Calibration_Eclipse	55	14	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 10:00:21	2756389188	2756389715	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	15	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 10:01:05	2756400468	2756400995	1779
Bet: Orbit_Daily_Calibration_Eclipse	55	16	Bet_27	27	Low Data Rate (400 kHz)	03-Jul-2002 10:01:49	2756411746	2756412273	1779