

Month	Day	Year 2005	Day of Year	Flight Day	Time (UT)	Event
JAN	20	2005	20	3338		Major flare (18-21 Jan). Led to many anomalies, in particular multiple star swaps on Jan 20
JAN	24	2005	24	3342	19:15	SSR Memory Unit #11 switched back ON
FEB	3	2005	34	3352		MDI 4-Day Continuous until February 6
FEB	18	2005	49	3367		FSPAAD state indicated "detected"
MAR	3	2005	62	3380		Beginning of March keyhole period
MAR	10	2005	69	3387		Transponder Swap (1->2)
MAR	22	2005	81	3399		SK-46: jets 2,3,4; dV: 0.1137 m/s
MAR	22	2005	81	3399		Momentum Management 3 segments. Final speeds: --974/--400/2272 rpm
MAR	22	2005	81	3399		180 ° Roll, satellite back to regular position. Final speeds: 1885/400/--1370 rpm
MAR	24	2005	83	3401		Transponder Swap (2->1)
MAR	31	2005	90	3408		End of March keyhole period
MAR	31	2005	90	3408		MDI 5-Day Continuous until April 4
APR	8 & 9	2005	98	3416		GOLF polarizer and quarter wave electronics switched off, substitution heaters (68 & 69) to 30 °
APR	20	2005	110	3428	14:14-14:26	HGA Moved around Z axis by -70 steps (dual coil) to -18.553 deg to eliminate mini-keyhole:
APR	27	2005	117	3435		MDI 6-Day Continuous until May 2
MAY	16	2005	136	3454		MEDOC Campaign #15, until June 05
MAY	16	2005	136	3454	22:27	APME A switched OFF (spurious LCL OFF)
MAY	26	2005	146	3464	18:58	APME A switched back ON
JUN	2	2005	153	3471	15:00	HGA moved thru APME A around Y axis by -35 steps to get a fine pulse (whole APME A loop control)
JUN	5	2005	156	3474		Beginning of June keyhole period
JUN	9	2005	160	3478		Transponder Swap (1->2)
JUN	17	2005	168	3486		SK-47: jets 2,3,4; dV: 0.030 m/s
JUN	17	2005	168	3486		Momentum Management 3 segments. Final speeds: 610/390/--1000 rpm
JUN	17	2005	168	3486		180 ° Roll, satellite in inverted position. Final speeds: --615/--385/990 rpm
JUN	17	2005	168	3486		Upload of SSU Patch 2B (One Word Patch)
JUN	17	2005	168	3486		Determine exact fine pulse position vs step counter + move antenna (Y axis) to -4.06875 deg (June 20 16:00)
JUN	18	2005	169	3487	7:54	Star swap from star 1 to star 2
JUN	20	2005	171	3489		Transponder Swap (2->1)
JUN	25	2005	176	3494		End of June keyhole period
JUN	25	2005	176	3494		MDI 60-Day Continuous period until August 30
JUN	27	2005	178	3496	04:00-10:00	Telemetry and Telecommand test with New Norcia Station
JUL	12	2005	193	3511	14:30	FPSS-B comparison with FPSS-A (OCD # 2045)
AUG	30	2005	242	3560		Beginning of September keyhole period
SEP	1	2005	244	3562	18:15	Tape Recorder maintenance
SEP	6	2005	249	3567		Transponder Swap (1->2)
SEP	8	2005	250	3568		SK-48: jets 2,3,4; dV: 0.089 m/s
SEP	8	2005	250	3568		Momentum Management 3 segments. Final speeds: --1495/--425/1500 rpm
SEP	8	2005	250	3568		180 ° Roll, satellite back to regular position. Final speeds: 1080/425/--1910 rpm
SEP	9	2005	252	3570		Star swap
SEP	22	2005	265	3583		Transponder Swap (2->1)
SEP	30	2005	273	3591		End of September keyhole period
OCT	12	2005	285	3603		MDI 5-Day Continuous until October 16
OCT	23	2005	286	3604		Star swap
NOV	9	2005	313	3631		MDI 5-Day Continuous until November 13
NOV	11	2005	315	3633		HGA Y axis movements down from 3/day (@ 00:00, 08:00 and 16:00) to 1/day (@ 00:00) - OCD 2088
DEC	3	2005	337	3655		Beginning of December keyhole period
DEC	6	2005	340	3658		Transponder Swap (1->2)
DEC	14	2005	348	3666		Upload of SSR patch . Software version has been updated from version 2.02 to version 2.03.0 (SEF/DEF + IT2)
DEC	15	2005	349	3667		SK-49: jets 2,3,4; dV: 0.076 m/s
DEC	15	2005	349	3667		Momentum Management 3 segments. Final speeds: 1230/390/--810 rpm
DEC	15	2005	349	3667		180 ° Roll, satellite in inverted position. Final speeds: --430/--380/1605 rpm
DEC	17	2005	351	3669		Transponder Swap (2->1)
DEC	21	2005	355	3673		End of December keyhole period