

Month	Day	Year 2004	Day of Year	Flight Day	Time (UT)	Event
JAN	6	2004	6	2958		Transponder Swap (2->1)
JAN	9	2004	9	2961		<i>End of December keyhole period</i>
JAN	28	2004	28	2980		MDI 5-Day Continuous until February 2
JAN	31	2004	31	2983	11:20	First day of telemetry outage (2 minutes duration) from Madrid D66 station. RFI with MSG after it has been moved from 10 deg west to 3.6 deg west.
FEB	11	2004	42	2994		MDI 5-Day Continuous until February 16
FEB	22	2004	53	3005	14:22	Last day of telemetry outage (2 minutes duration) from Madrid D66 station. RFI with MSG
FEB	23	2004	54	3006	16:00	GSFC/JPL teleconference about receivers sweep times. Major conclusions: - DSN will do its best to perform only one sweep cycle to lock onto the receivers - SOHO project has agreed that it may take more than one cycle to lock since this longer duration should not harm the spacecraft receivers.
MAR	16	2004	76	3028		<i>Beginning of March keyhole period</i>
MAR	19	2004	79	3031		Transponder Swap (1->2)
MAR	30	2004	90	3042		SK-41: jets 2,3,4; dV : 0.008567 m/s
MAR	30	2004	90	3042		Momentum Management 3 segments. Final speeds --1185/--520/2245 rpm
MAR	30	2004	90	3042		180 ° Roll, satellite back to regular position. Final speeds : 1735/520/--1700 rpm
APR	2	2004	93	3045		VIRGO switched-off by itself; turned back ON Apr 3, 2004
APR	3	2004	94	3046		Transponder Swap (2->1)
APR	7	2004	98	3050		<i>End of March keyhole period</i>
APR	21	2004	112	3064	5:37	ESR 20 triggered by FSPAAD
APR	22	2004	113	3065	7:27	ESR 21 triggered by FSPAAD
APR	22	2004	113	3065	16:12	ESR 22 triggered by FSPAAD
APR	23	2004	114	3066	23:37	ESR 23 triggered by FPSS Sun Presence monitoring
APR	27	2004	118	3070	17:05	SK-42: jets 1,2,4,6; dV: 0.7349 m/s
APR	27	2004	118	3070	19:20	Momentum Management 3 segments. Final speeds: --1275/340/1205 rpm
MAY	24	2004	145	3097		MDI 5-Day Continuous until June 6
JUN	3	2004	155	3107	0:00	MEDOC Campaign #13, until June 17
JUN	16	2004	168	3120		<i>Beginning of June keyhole period</i>
JUN	19	2004	171	3123		Transponder Swap (1->2)
JUN	22	2004	174	3126		SK-43: jets 2,3,4; dV : 0.476 m/s
JUN	22	2004	174	3126		180 ° Roll, satellite in inverted position. Final speeds : 2250/--665/--1085 rpm
JUN	30	2004	182	3134		Transponder Swap (2->1)
JUL	3	2004	185	3137		<i>End of June keyhole period</i>
JUL	4	2004	186	3138		MDI 60-Day Continuous until September 5
SEP	5	2004	249	3201	6:34	Spacecraft transitioned to CRP mode due to SSU reset. Tracking windows of two stars became too close to each other leading the SSU software into an endless loop.
SEP	11	2004	255	3207		<i>Beginning of September keyhole period</i>
SEP	17	2004	261	3213		Transponder Swap (1->2)
SEP	21	2004	265	3217		180 ° Roll, satellite back to regular position. Final speeds : --1285/430/870 rpm
SEP	21	2004	265	3217		SK-44: jets 1,2,4,6; dV : 0.01516 m/s
SEP	21	2004	265	3217		Momentum Management 3 segments. Final speeds: --435/395/495 rpm
SEP	21	2004	265	3217		"Intermittent recording" patch upload
SEP	22	2004	266	3218		Patch "intermittent recording" test; subset #3
SEP	24	2004	268	3220		Patch "intermittent recording" activation; subset #6
SEP	29	2004	273	3225		SSR dump with "intermittent recording" data. Successful session
OCT	1	2004	275	3227		Transponder Swap (2->1)
OCT	8	2004	282	3234		<i>End of September keyhole period</i>
OCT	22	2004	296	3248		First day of telemetry outage from Madrid D66 station. Suspected RFI with P92-3 USAF satellite.
NOV	3	2004	308	3260		MDI 5-Day Continuous until November 7
NOV	8	2004	313	3265		MEDOC Campaign #14, until November 21
NOV	12	2004	317	3269		Last day of telemetry outage from Madrid D66 station. Suspected RFI with P92-3 USAF satellite. RFI durations of a couple of minutes around 10:45 UT occurred on: Oct 22 & 24; Nov 1,2,3,6,7,10 & 12
DEC	1	2004	336	3288		MDI 5-Day Continuous until December 5
DEC	8	2004	343	3295	21:59	ESR-24 triggered by CSPAAD (false trigger)
DEC	9	2004	344	3296	16:20	--162.346 deg roll + Momentum Management 3 segments as part of the ESR-24 recovery. Final speeds: --600/3400/--1510 rpm
DEC	12	2004	347	3299		<i>Beginning of December keyhole period</i>
DEC	16	2004	351	3303		Transponder Swap (1->2)
DEC	21	2004	356	3308		SK-45: jets 1,2,4,6; dV: 0.3358 m/s
DEC	21	2004	356	3308		Momentum Management 3 segments. Final speeds: 1165/455/--835 rpm
DEC	21	2004	356	3308		180 ° Roll, satellite in inverted position. Final speeds: --380/--455/1615 rpm
DEC	26	2004	361	3313		Transponder Swap (2->1)
DEC	26	2004	361	3313	20:00	SSR Memory Unit #11 switched off by itself
DEC	30	2004	365	3317		<i>End of December keyhole period</i>