

Month	Day	Year	Day of Year	Flight Day	Time (UT)	Event
JAN	14	1997	14	410	16:39	SK-3; (X 1=16sec, X 2=3.6sec)
JAN	14	1997	14	410	23:53	Fail-over to Gyro Mode
JAN	15	1997	15	411		MDI Continuous Coverage, 3 days (until 018/21:50)
JAN	21	1997	21	417	21:55	Fail-over to Gyro Mode
JAN	30	1997	30	426	14:44	SSU staircase threshold for fail-over to gyro: increased from 5 to 30
FEB	1	1997	32	428	17:30	Tape Recorder Maintenance
FEB	10	1997	41	437	17:00	Telemetry Submode 5 (new) replaces submode 1
FEB	11	1997	42	438	17:01	Telemetry Submode 6 (new) tested for 4 hrs
FEB	13	1997	44	440		MDI Continuous Coverage, 3 days (until 048/05:30)
FEB	13	1997	44	440	19:41	SEU counter trace with COBS min/max channels 15,16
FEB	15	1997	46	442	10:26	Thermal Reconfiguration (CEPAC/ESU hot)
MAR	6	1997	65	461	9:08	Fail-over to Gyro Mode (2hrs in RMW)
MAR	12	1997	71	467		MDI Continuous Coverage, 3 days (until 075/04:20)
MAR	18	1997	77	473	17:50	Wheel 4 maint. & Momentum Mgmt: 2517/-3103/1615 (till 22:40)
MAR	20	1997	79	475	12:02	Two Rolls for MDI&SWAN; 12 *30 deg.& 4*90 deg. (till 02:33)
MAR	21	1997	80	476	5:37	HGA points to center of earth, not to station D16 from now on
APR	2	1997	92	488	17:45	Tape Recorder Maintenance
APR	10	1997	100	496	10:10	Fail-over to Gyro Mode (6.1 hrs in RMW)
APR	11	1997	101	497	17:09	Mom. Mgmt. (-501/512/1589)
APR	11	1997	101	497		SK-4; Delta-V = - 0.19 m/s, burn time 1.5 min, fuel used 0.21 kg; NM at 22:50
APR	13	1997	103	499		MDI Continuous Coverage, 3 months (until 195/04:20)
APR	23	1997	113	509	3:20	Spacecraft Receiver 1 lost lock
APR	28	1997	118	514	19:51	Spacecraft Receiver 1 lock frequency found @ 2066.86 Mhz
MAY	2	1997	122	518	14:59	OBT Frequency Adjustment
MAY	19	1997	139	535		Medoc Campaign #1, run for 3 weeks until June 6,1997
MAY	29	1997	149	545	9:28	Fail-over to Gyro Mode (3 hrs in RMW)
JUN	1	1997	152	548	21:00	Tape Recorder Maintenance
JUN	13	1997	164	560		SSU Staircase Filter changed from 30 to 60 in AOCs Software
AUG	1	1997	213	609	16:00	Tape Recorder Maintenance
AUG	1	1997	213	609	20:26	Fail-over to Gyro Mode (52 min in RMW)
AUG	10	1997	222	618		MDI Continuous Coverage, 3 days (until 226/03:50)
SEP	1	1997	244	640	15:33	Momentum Management preparing for roll; fuel 53 gr.;done 18:36
SEP	2	1997	245	641	14:50	Fail-over to Gyro Mode (75 min in RMW)
SEP	3	1997	246	642	8:32	Roll;dwel: @ 45 deg. 1.5 hrs, @ 90 deg. 12 hrs; done 247/00:09
SEP	3	1997	246	642	16:06	Fail-over to Gyro Mode (114 min in RMW) during dwell @ 90 deg
SEP	4	1997	247	643	1:00	Switch to Communications Back-up (TM low rate), recovered: 7:39
SEP	4	1997	247	643	16:51	Wheel 4 Maintenance & Mom. Mgmt. (-500/500/1600); done 19:00
SEP	4	1997	247	643	21:49	SK-5; Delta-V = - 1.9 m/s, burn time 15.5 min, fuel used 2 kg; done 00:18
SEP	11	1997	254	650		MDI Continuous Coverage, 3 days (until 258/05:20)
SEP	25	1997	268	664	19:07	Test of new TM submode 3, until 24:00
SEP	26	1997	268	664	15:10	Test of new TM submode 2, until 19:05
OCT	7	1997	280	676		MDI Continuous Coverage, 3 days (until Oct.11, 04:35)
OCT	8	1997	281	677	13:30	CDS processor swap (to remedy the watch dog triggering)
OCT	13	1997	286	682	22:14	Fail-over to Gyro Mode (2 hrs in RMW)
OCT	27	1997	300	696		Medoc Campaign #2, run for 3 weeks until Nov.9,1997
OCT	30	1997	303	699	15:02	Fail-over to Gyro Mode (50 min in RMW)
NOV	5	1997	309	705		MDI Continuous Coverage, until Nov. 9 at 06:00)
NOV	6	1997	310	706	17:31	Fail-over to Gyro Mode (76 min in RMW) due to X9.4 flare in AR8100
NOV	7	1997	311	707	0:51	Fail-over to Gyro Mode, 3 times (4 hrs, 41 min total in RMW)
NOV	19	1997	323	719	14:40	ESR-2, by off-pointing (ACU power failure), recovered Nov.20 at 15:43
NOV	20	1997	324	720	10:20	Switch to Communications Back-up (TM low rate), recovered:12:33
NOV	29	1997	333	729	14:05	Wheel 4 Maint.,Mom. Mgmt. (3000/500/1800)
NOV	29	1997	333	729	20:45	SK-6, Delta -V = + 0.04 m/s, 15 sec burn, fuel 0.03 kg
DEC	11	1997	345	741		MDI Continuous Coverage, (until Dec.15, 07:00)
DEC	15	1997	349	745	14:45	OBT Frequency Adjustment
DEC	19	1997	353	749	18:00	Mom. Mgmt. (3000/500/1800) & SK 07; done 20:38 (result of ESR)
DEC	19	1997	353	749	20:30	SK-7, Delta -V = - 0.4 m/s, 3min burn, fuel 0.42 kg