

Orbital Events					Mars Relay Events	
Event	Year [ET]	DOY [ET]	Date/Time [SCET]	Duration	Date/Time [SCET]	MR Mode
EOCCSB	2003	237	2003-08-25 00:22:06	00:38:17		
EOCCSE	2003	237	2003-08-25 01:00:23	01:19:26		
EOCCSB	2003	237	2003-08-25 02:19:49	00:38:16		
EOCCSE	2003	237	2003-08-25 02:58:05	01:19:28		
EOCCSB	2003	237	2003-08-25 04:17:33	00:38:16		
EOCCSE	2003	237	2003-08-25 04:55:49	01:19:28		
EOCCSB	2003	237	2003-08-25 06:15:17	00:38:15		
EOCCSE	2003	237	2003-08-25 06:53:32	01:19:27		
EOCCSB	2003	237	2003-08-25 08:12:59	00:38:14		
EOCCSE	2003	237	2003-08-25 08:51:13	01:19:24		
EOCCSB	2003	237	2003-08-25 10:10:37	00:38:12		
EOCCSE	2003	237	2003-08-25 10:48:49	01:19:27		
EOCCSB	2003	237	2003-08-25 12:08:16	00:38:12		
EOCCSE	2003	237	2003-08-25 12:46:28	01:19:32		
EOCCSB	2003	237	2003-08-25 14:06:00	00:38:11		
EOCCSE	2003	237	2003-08-25 14:44:11	01:19:34		
EOCCSB	2003	237	2003-08-25 16:03:45	00:38:10		
EOCCSE	2003	237	2003-08-25 16:41:55	01:19:33		
EOCCSB	2003	237	2003-08-25 18:01:28	00:38:09		
EOCCSE	2003	237	2003-08-25 18:39:37	01:19:32	2003-08-25 19:46:43	MR Power On
EOCCSB	2003	237	2003-08-25 19:59:09	00:38:08	2003-08-25 19:47:43	MR to Mode 01
EOCCSE	2003	237	2003-08-25 20:37:17	01:19:32		
EOCCSB	2003	237	2003-08-25 21:56:49	00:38:07		
EOCCSE	2003	237	2003-08-25 22:34:56	01:19:33		
EOCCSB	2003	237	2003-08-25 23:54:29	00:38:05		
EOCCSE	2003	238	2003-08-26 00:32:34	01:19:36		
EOCCSB	2003	238	2003-08-26 01:52:10	00:38:05		
EOCCSE	2003	238	2003-08-26 02:30:15	01:19:38		
EOCCSB	2003	238	2003-08-26 03:49:53	00:38:05		
EOCCSE	2003	238	2003-08-26 04:27:58	01:19:40		
EOCCSB	2003	238	2003-08-26 05:47:38	00:38:04		
EOCCSE	2003	238	2003-08-26 06:25:42	01:19:40		
EOCCSB	2003	238	2003-08-26 07:45:22	00:38:03		
EOCCSE	2003	238	2003-08-26 08:23:25	01:19:37		
EOCCSB	2003	238	2003-08-26 09:43:02	00:38:01		
EOCCSE	2003	238	2003-08-26 10:21:03	01:19:37		
EOCCSB	2003	238	2003-08-26 11:40:40	00:38:00	2003-08-26 12:00:00	MR to Mode 15 (CW)
EOCCSE	2003	238	2003-08-26 12:18:40	01:19:42		CW
EOCCSB	2003	238	2003-08-26 13:38:22	00:38:00		CW
EOCCSE	2003	238	2003-08-26 14:16:22	01:19:45		CW
EOCCSB	2003	238	2003-08-26 15:36:07	00:37:59		CW
EOCCSE	2003	238	2003-08-26 16:14:06	01:19:45		CW
EOCCSB	2003	238	2003-08-26 17:33:51	00:37:58		CW
EOCCSE	2003	238	2003-08-26 18:11:49	01:19:45		CW
EOCCSB	2003	238	2003-08-26 19:31:34	00:37:56		CW
EOCCSE	2003	238	2003-08-26 20:09:30	01:19:44		CW
EOCCSB	2003	238	2003-08-26 21:29:14	00:37:56		CW
EOCCSE	2003	238	2003-08-26 22:07:10	01:19:44		CW
EOCCSB	2003	238	2003-08-26 23:26:54	00:37:54		CW
EOCCSE	2003	239	2003-08-27 00:04:48	01:19:46		CW
EOCCSB	2003	239	2003-08-27 01:24:34	00:37:53		CW
EOCCSE	2003	239	2003-08-27 02:02:27	01:19:49		CW
EOCCSB	2003	239	2003-08-27 03:22:16	00:37:53		CW
EOCCSE	2003	239	2003-08-27 04:00:09	01:19:51		CW
EOCCSB	2003	239	2003-08-27 05:20:00	00:37:52		CW

EOCCSB - Begin Earth Occultation with Surface
 EOCCSE - End Earth Occultation with Surface

Orbital Events					Mars Relay Events	
Event	Year [ET]	DOY [ET]	Date/Time [SCET]	Duration	Date/Time [SCET]	MR Mode
EOCCSE	2003	239	2003-08-27 05:57:52	01:19:53		CW
EOCCSB	2003	239	2003-08-27 07:17:45	00:37:52		CW
EOCCSE	2003	239	2003-08-27 07:55:37	01:19:51		CW
EOCCSB	2003	239	2003-08-27 09:15:28	00:37:50		CW
EOCCSE	2003	239	2003-08-27 09:53:18	01:19:48		CW
EOCCSB	2003	239	2003-08-27 11:13:06	00:37:49		CW
EOCCSE	2003	239	2003-08-27 11:50:55	01:19:50		CW
EOCCSB	2003	239	2003-08-27 13:10:45	00:37:47		CW
EOCCSE	2003	239	2003-08-27 13:48:32	01:19:56		CW
EOCCSB	2003	239	2003-08-27 15:08:28	00:37:47		CW
EOCCSE	2003	239	2003-08-27 15:46:15	01:19:58		CW
EOCCSB	2003	239	2003-08-27 17:06:13	00:37:46		CW
EOCCSE	2003	239	2003-08-27 17:43:59	01:19:58		CW
EOCCSB	2003	239	2003-08-27 19:03:57	00:37:45		CW
EOCCSE	2003	239	2003-08-27 19:41:42	01:19:56		CW
EOCCSB	2003	239	2003-08-27 21:01:38	00:37:44		CW
EOCCSE	2003	239	2003-08-27 21:39:22	01:19:56		CW
EOCCSB	2003	239	2003-08-27 22:59:18	00:37:43		CW
EOCCSE	2003	239	2003-08-27 23:37:01	01:19:57		CW
EOCCSB	2003	240	2003-08-28 00:56:58	00:37:41		CW
EOCCSE	2003	240	2003-08-28 01:34:39	01:20:00		CW
EOCCSB	2003	240	2003-08-28 02:54:39	00:37:40		CW
EOCCSE	2003	240	2003-08-28 03:32:19	01:20:03		CW
EOCCSB	2003	240	2003-08-28 04:52:22	00:37:39		CW
EOCCSE	2003	240	2003-08-28 05:30:01	01:20:05	2003-08-28 06:00:00	MR Mode to M1
EOCCSB	2003	240	2003-08-28 06:50:06	00:37:39		
EOCCSE	2003	240	2003-08-28 07:27:45	01:20:05		
EOCCSB	2003	240	2003-08-28 08:47:50	00:37:38		
EOCCSE	2003	240	2003-08-28 09:25:28	01:20:03		
EOCCSB	2003	240	2003-08-28 10:45:31	00:37:36		
EOCCSE	2003	240	2003-08-28 11:23:07	01:20:01	2003-08-28 12:00:00	MR Mode to M15 (CW)
EOCCSB	2003	240	2003-08-28 12:43:08	00:37:36		CW
EOCCSE	2003	240	2003-08-28 13:20:44	01:20:06		CW
EOCCSB	2003	240	2003-08-28 14:40:50	00:37:34		CW
EOCCSE	2003	240	2003-08-28 15:18:24	01:20:11		CW
EOCCSB	2003	240	2003-08-28 16:38:35	00:37:33		CW
EOCCSE	2003	240	2003-08-28 17:16:08	01:20:11		CW
EOCCSB	2003	240	2003-08-28 18:36:19	00:37:33		CW
EOCCSE	2003	240	2003-08-28 19:13:52	01:20:10		CW
EOCCSB	2003	240	2003-08-28 20:34:02	00:37:31		CW
EOCCSE	2003	240	2003-08-28 21:11:33	01:20:10		CW
EOCCSB	2003	240	2003-08-28 22:31:43	00:37:30		CW
EOCCSE	2003	240	2003-08-28 23:09:13	01:20:09		CW
EOCCSB	2003	241	2003-08-29 00:29:22	00:37:29		CW
EOCCSE	2003	241	2003-08-29 01:06:51	01:20:12		CW
EOCCSB	2003	241	2003-08-29 02:27:03	00:37:27		CW
EOCCSE	2003	241	2003-08-29 03:04:30	01:20:15		CW
EOCCSB	2003	241	2003-08-29 04:24:45	00:37:26		CW
EOCCSE	2003	241	2003-08-29 05:02:11	01:20:18		CW
EOCCSB	2003	241	2003-08-29 06:22:29	00:37:26		CW
EOCCSE	2003	241	2003-08-29 06:59:55	01:20:19		CW
EOCCSB	2003	241	2003-08-29 08:20:14	00:37:25		CW
EOCCSE	2003	241	2003-08-29 08:57:39	01:20:18		CW
EOCCSB	2003	241	2003-08-29 10:17:57	00:37:24		CW
EOCCSE	2003	241	2003-08-29 10:55:21	01:20:15		CW

EOCCSB - Begin Earth Occultation with Surface
 EOCCSE - End Earth Occultation with Surface

Orbital Events					Mars Relay Events	
Event	Year [ET]	DOY [ET]	Date/Time [SCET]	Duration	Date/Time [SCET]	MR Mode
EOCCSB	2003	241	2003-08-29 12:15:36	00:37:22		CW
EOCCSE	2003	241	2003-08-29 12:52:58	01:20:16		CW
EOCCSB	2003	241	2003-08-29 14:13:14	00:37:21		CW
EOCCSE	2003	241	2003-08-29 14:50:35	01:20:22		CW
EOCCSB	2003	241	2003-08-29 16:10:57	00:37:21		CW
EOCCSE	2003	241	2003-08-29 16:48:18	01:20:24		CW
EOCCSB	2003	241	2003-08-29 18:08:42	00:37:19		CW
EOCCSE	2003	241	2003-08-29 18:46:01	01:20:25	2003-08-29 19:54:10	MR Mode to M1
EOCCSB	2003	241	2003-08-29 20:06:26	00:37:18	2003-08-29 19:56:11	MR Power Off
EOCCSE	2003	241	2003-08-29 20:43:44	01:20:23		
EOCCSB	2003	241	2003-08-29 22:04:07	00:37:18		
EOCCSE	2003	241	2003-08-29 22:41:25	01:20:22		
EOCCSB	2003	242	2003-08-30 00:01:47	00:37:17		
EOCCSE	2003	242	2003-08-30 00:39:04	01:20:23		
EOCCSB	2003	242	2003-08-30 01:59:27	00:37:15		
EOCCSE	2003	242	2003-08-30 02:36:42	01:20:26		
EOCCSB	2003	242	2003-08-30 03:57:08	00:37:13		
EOCCSE	2003	242	2003-08-30 04:34:21	01:20:29		
EOCCSB	2003	242	2003-08-30 05:54:50	00:37:13		
EOCCSE	2003	242	2003-08-30 06:32:03	01:20:31		
EOCCSB	2003	242	2003-08-30 07:52:34	00:37:12		
EOCCSE	2003	242	2003-08-30 08:29:46	01:20:33		
EOCCSB	2003	242	2003-08-30 09:50:19	00:37:11		
EOCCSE	2003	242	2003-08-30 10:27:30	01:20:30		
EOCCSB	2003	242	2003-08-30 11:48:00	00:37:10		
EOCCSE	2003	242	2003-08-30 12:25:10	01:20:28		
EOCCSB	2003	242	2003-08-30 13:45:38	00:37:08		
EOCCSE	2003	242	2003-08-30 14:22:46	01:20:32		
EOCCSB	2003	242	2003-08-30 15:43:18	00:37:07		
EOCCSE	2003	242	2003-08-30 16:20:25	01:20:37		
EOCCSB	2003	242	2003-08-30 17:41:02	00:37:06		
EOCCSE	2003	242	2003-08-30 18:18:08	01:20:39		
EOCCSB	2003	242	2003-08-30 19:38:47	00:37:05		
EOCCSE	2003	242	2003-08-30 20:15:52	01:20:38		
EOCCSB	2003	242	2003-08-30 21:36:30	00:37:04		
EOCCSE	2003	242	2003-08-30 22:13:34	01:20:37		
EOCCSB	2003	242	2003-08-30 23:34:11			