	start of MTP 8 (sequel to Mars_ops_logbook 04)														
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground	target; coordinates	performed? cancelled?	Volume-ID	remarks comments			
1	1228	580	001	1/1/05	OCI	11:30:41 11:34:00	11:52:41 11:56:00	DSS-63	348.68 -77.07	performed	0253	TM ON; SPICAM; no S-band file			
2	1228		001	1/1/05	GRV	14:21:26	15:01:26	GST	Alba Patera	performed	0254	TM ON			
3	1229	580	001	1/1/05	OCI	18:14:40 18:18:00	18:36:40 18:39:00	DSS-15	252.64 -76.56	performed	0255	TM ON; SPICAM			
4	1230		002	2/1/05	GRV	05:49:38 05:42:06	07:03:39 07:05:00	NNO	global	performed	0256	TM ON; no calibration files			
5	1232		002	2/1/05	OCI	14:26:37	14:48:37	GST	322.83 -74.92	cancelled by MPS		TM ON; SPICAM			
6	1233		002	2/1/05	OCI	21:10:37 21:06:27	21:32:37 21:33:19	NNO	225.98 -74.33	performed	0257	TM ON;NN11 D2 file missing (sample rate NN11 D1 is 1/s; all others 10 per sec)			
7	1235	582	003	3/1/05	OCI	10:38:35 10:43:00	11:00:35 11:04:00	DSS-65	31.90 -73.16	performed	0258	TM ON			
8	1237		004	4/1/05	OCI	00:07:33 00:03:11	00:29:33 00:30:11	NNO	198.54 -71.89	performed	0259	TM ON			
9	1239		004	4/1/05	GRV	16:22:41	17:02:41	GST	Alba Patera	cancelled by MPS		TM ON			

	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
10	1240		004	4/1/05	OCI	20:19:30 20:14:51	20:41:30 20:41:51	NNO	266.56 -70.05	performed	0260	TM ON; no calibration files; the data show a large drift and noise and are obviously non-coherent
11	1255		009	9/1/05	GRV	05:50:15 05:44:00	07:03:16 07:04:23	NNO	global	performed	0261	TM ON; Calibration files (Doppler and Ranging from DOY 008 18:49)
12	1259/ 1260		010	10/1/05	GRV	09:21:12	11:02:10	MAD	global	performed	0262	TM ON
13	1261/ 1262		010	10/1/05	GRV	22:09:09 22:02:52	23:56:09 23:56:04	NNO	global	performed	0263	TM ON
14	1263		011	11/1/05	GRV	11:35:07	12:29:08	MAD	global	partially performed	0264	TM ON
15	1265/ 1266		012	12/1/05	GRV	01:40:06 01:34:22	03:21:05 03:10:39	NNO	global	performed	0265	TM ON
16	1267/ 1268		012	12/1/05	GRV	15:07:04	16:48:33	GST	global	cancelled by MPS		TM ON; no uplink
17	1268/ 1269		012	12/1/05	GRV	21:12:03 21:05:47	23:31:50 23:19:47	NNO	global	performed	0266	TM ON
18	1269/ 1270		013	13/1/05	GRV	04:33:02 04:42:58	06:15:01 06:03:57	NNO	global	performed	0267	5:59-6:04; NN13 S-Band files start (4:43:00) 16 Minutes after start of NN11 & NN12 files
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

			11		pic33	Tiaulo .	SCIENCE	Стреі	iment - Sci	ence Oper	ations Logo	
19	1272/ 1273		014	14/1/05	GRV	00:54:59	02:25:46	NNO/ DSS-43	global	failed	0268	NNO pass, obviously DSS-43 pass (information from ESOC); No DSN-data
20	1273		014	14/1/05	GRV	05:03:51 04:57:35	05:43:51 05:44:30	NNO	Elysium Mons	performed	0269	TM ON, the first two AGC files on NN13 contained only a few seconds of data. Third file is ok!
21	1276/ 1277		015	15/1/05	GRV	03:35:55 03:29:35	05:19:55 05:07:53	NNO	global	performed	0270	TM ON
22	1277/ 1278		015	15/1/05	GRV	09:40:54	12:03:18	MAD	global	performed	0271	TM ON
23	1278/ 1279		015	15/1/05	GRV	17:11:54	18:47:35	GST	global	partially performed	0272	TM ON; RMP-file doesnt cover measurement time
24	1282/ 1283		016	16/1/05	GRV	20:34:50 20:28:20	21:41:01 21:28:45	NNO	global	performed	0273	TM ON
25	1284/ 1285		017	17/1/05	GRV	09:31:48	11:08:35	MAD	global	performed	0274	TM ON
								end o	f MTP 8			
								start o	of MTP 9			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
26	1286/ 1287		017	17/1/05	GRV	22:09:45	00:35:45	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
27	1287/ 1288		018	18/1/05	GRV	06:00:45	07:14:44	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem

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28	1290		018	18/1/05	GRV	22:50:42 22:44:39	23:30:42 23:40:52	NNO	Tempe Fossae	performed	0275	
29	1290/ 1291		019	19/1/05	GRV	01:02:41	03:29:41	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
30	1292/ 1293		019	19/1/05	GRV	14:28:39	16:58:39	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
31	1294		020	20/1/05	GRV	01:43:38 01:38:03	02:23:38 02:24:03	NNO	Alba Patera	performed	0276	TM ON
32	1294		020	20/1/05	GRV	03:55:37	05:25:38	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
33	1295/ 1296		020	20/1/05	GRV	11:17:37	12:20:36	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
34	1299/ 1300		021	21/1/05	GRV	14:10:33	16:03:32	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
35	1300/ 1301		021	21/1/05	GRV	20:15:32	22:46:31	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
36	1302/		022	22/1/05	GRV	09:41:30	12:13:29	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
37	1304/ 1305		022	22/1/05	GRV	23:08:28	01:40:27	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem

38	1306/ 1307		023	23/1/05	GRV	14:02:26	15:07:25	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
39	1307/ 1308		023	23/1/05	GRV	20:16:25	21:51:24	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
40	1308/ 1309		024	24/1/05	GRV	02:01:24	04:33:23	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
41	1310/ 1311		024	24/1/05	GRV	16:26:22	17:29:21	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
42	1311/ 1312		024	24/1/05	GRV	22:11:21	00:47:20	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
43	1315/ 1316		026	26/1/05	GRV	01:04:17	03:42:16	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
44	1316/ 1317		026	26/1/05	GRV	09:05:16	10:26:15	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
45	1318/ 1319		026	26/1/05	GRV	21:13:14	23:54:13	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
46	1319/		027	27/1/05	GRV	04:45:13	06:37:12	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
47	1320/ 1321		027	27/1/05	GRV	10:40:12	12:12:11	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem

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48	1324/ 1325		028	28/1/05	GRV	14:12:08	16:16:07	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
	1326/									cancelled by		TM ON; cancelled by POS;
49	1327		029	29/1/05	GRV	04:08:06	05:43:05	NNO	global	MPS		eclipse power problem
50	1327/ 1328		029	29/1/05	GRV	09:43:05	12:05:04	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
51	1330		030	30/1/05	GRV	05:53:02	06:51:02	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
52	1332/ 1333		030	30/1/05	GRV	20:08:00	22:05:59	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
	1004/											
50	1334/		004	04/4/05		00.04.50				cancelled by		TM ON; cancelled by POS;
53	1335		031	31/1/05	GRV	09:34:58	11:35:57	NNO	global	MPS		eclipse power problem
54	1338		032	1/2/05	GRV	09:43:03	10:22:54	MAD	Alba Patera	performed	0277	TM ON
	1343/									cancelled by		TM ON; cancelled by POS;
55	1343/		022	2/2/05	GRV	21:43:49	00:07:48	NNO	global	MPS		eclipse power problem
55	1344		033	2/2/05	GRV	21.43.49	00.07.48	NNU	giobai	IVIP3		
56	1344/ 1345		034	3/2/05	GRV	05:29:48	06:51:47	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
57	1347/ 1348		035	4/2/05	GRV	00:57:45	03:04:44	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem

58	1350/ 1351		035	4/2/05	GRV	20:18:41	23:16:41	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
59	1351/ 1352		036	5/2/05	GRV	03:40:41	06:00:40	NNO	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
60	1353/ 1354		036	5/2/05	GRV	16:29:38	18:20:38	GST	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
61	1355		037	6/2/05	GRV	05:55:36 start time	06:43:37 stop time	MAD	global	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
	orbit number	DSN tracking number	day of year	date	MaRS activity	(UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
62	1356/ 1357		037	6/2/05	GRV	13:57:36	15:10:35	GST	global	partially performed	0278	TM ON
63	1357/ 1358		037	6/2/05	GRV	20:00:35 19:54:07	21:54:34 21:59:48	NNO	global	failed		some G1 and G2 files missing (only last 30 min available) Loss of remote control
64	1359/ 1360		038	7/2/05	GRV	08:49:32	11:20:32	MAD	global	failed	0279	TM ON; No files available
65	1361/ 1362		038	7/2/05	GRV	22:54:31 22:49:12	00:47:30 00:49:31	NNO	global	performed	0280	files available, but Ranging is only a few minutes; only valid for internal arcihve bacause: Data
66	1365/ 1366		040	9/2/05	GRV	01:09:26 01:02:55	03:40:26 03:41:16	NNO	global	performed	0281	TM ON
67	1368/ 1369		040	9/2/05	GRV	22:17:24 22:11:00	23:50:22 23:51:20	NNO	global	performed	0282	TM ON;Volume_ID added problems with Ranging reported

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68	1369/ 1370		041	10/2/05	GRV	04:02:22 03:56:21	06:34:21 06:34:40	NNO	global	performed	0283	TM ON
69	1372/ 1373		042	11/2/05	GRV	00:57:19	03:00:18	NNO	global	cancelled by MPS		TM ON; cancelled by ESOC; no station available
70	1373/ 1374		042	11/2/05	GRV	08:14:18	09:37:17	MAD	global	failed	0284	TM ON; No files available
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
71	1374/ 1375		042	11/2/05	GRV	13:57:17	16:21:16	GST	global	failed	0285	TM ON; No files available
72	1376/ 1377		043	12/2/05	GRV	03:06:15	06:06:15	NNO	global	cancelled by MPS		TM ON; cancelled by ESOC; no station available
73	1377/ 1378		043	12/2/05	GRV	10:07:14	12:01:13	MAD	global	failed	0286	TM ON; No files with sample rate 1 per sec
74	1378/ 1379		043	12/2/05	GRV	17:11:13	18:24:12	GST	global	failed	0287	TM ON; No files with sample rate 1 per sec
75	1382/ 1383		044	13/2/05	GRV	19:54:09	22:07:08	NNO	global	failed		to system crash on NNO, only NN11 Doppler, Ranging & Meteo files are available, NN11 D1 & D2
								end o	f MTP 9			
								start o	f MTP 10			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

					51000	riddio						UUN
	1385/											TM ON; No files with sample rate
76			045	14/2/05	GRV	16:32:18	18:10:05	GST	global	failed	0288	1 per sec
70	1300		045	14/2/03	GRV	10.32.10	10.10.05	031	giobai	Talleu	0200	
	1392/											TM ON; No files with sample
77			047	16/2/05	GRV	15:37:59	17:26:58	GST	global	failed	0289	rate 1 per sec
									g.0.00.			
	1393/					21:22:57	23:54:57					
78	1394		047	16/2/05	GRV	21:15:00	23:53:00	NNO	global	performed	0290	TMON
	1394/					04:44:57	06:36:56					
79	1395		048	17/2/05	GRV	04:39:04	05:39:03	NNO	global	performed	0291	TM ON; no NN13-D2 files
												reduced sample number for each
	1397/					00:23:54	02:52:52					file from 3600 to 360, NN13 files
80			049	18/2/05	GRV	00:17:55	02:52:52	NNO	global	performed	0292	with sample rate of
00	1390		049	10/2/05	Ghv	00.17.55	02.55.17		giobai	penonneu	0292	
	1400/					20:25:50	23:17:49					
81			049	18/2/05	GRV	20:19:00	23:18:00	NNO	global	performed	0293	TM ON
									<u> </u>			
												TM ON; NN13-D1 files missing,
	1401/					04:04:49	05:45:48					sample rate of x- and s-band not
82	1402		050	19/2/05	GRV	03:58:00	5:46:00	NNO	global	performed	0294	equal!
	1400/											TM ONL. No files with severals
00	1402/		050	10/0/05		10.07.40	11.40.47		al a b a l	المعالمة	0005	TM ON; No files with sample
83	1403		050	19/2/05	GRV	10:07:48	11:48:47	MAD	global	failed	0295	rate 1 per sec
	1406/											TM ON; No files with sample
84			051	20/2/05	GRV	13:32:44	15:40:43	GST	global	failed	0296	rate 1 per sec
						start time	stop time					
		DSN				(UT)	(UT)					
	orbit	tracking	day of		MaRS	planned/	planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
										in a sticlly s		TM ONL No files with correct such
	1407		054	00/0/05		17.00.05	17.57.10			partially	0007	TM ON; No files with sample rate
85	1407		051	20/2/05	GRV	17:26:05	17:57:43	MAD	North Polar Cap	performed	0297	1 per sec

86	1409		052	21/2/05	GRV	06:52:30	07:04:41	NNO	North Polar Cap	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem
87	1409/ 1410		052	21/2/05	GRV	09:46:41 09:34:34	11:49:40 12:19:59	DSS-63	global	performed	0298	TM ON
88	1410/ 1411		052	21/2/05	GRV	16:34:40 15:42:23	18:03:39 18:35:15	DSS-15	global	performed	0299	TM ON
89	1411/ 1412		052	21/2/05	GRV	22:22:38 22:15:00	01:05:38 01:05:00	NNO	global	performed	0300	TM ON
90	1414/ 1415		053	22/2/05	GRV	19:41:36 19:34:00	21:30:35 21:31:00	NNO	global	performed	0301	TM ON
91	1415/ 1416		054	23/2/05	GRV	01:15:34 01:09:00	03:58:34 03:58:00	NNO	global	performed	0302	TM ON
92	1418		054	23/2/05	GRV	19:30:02	19:54:32	MAD	North Polar Cap	cancelled by MPS		TM ON; cancelled by POS; eclipse power problem; No files with sample rate 1 per sec
93	1418/ 1419		054	23/2/05	GRV	21:25:31 21:18:00	00:25:31 00:24:00	NNO	global	performed	0303	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
94	1419/ 1420		055	24/2/05	GRV	04:09:30 04:02:52	06:29:30 06:25:52	NNO	global	performed	0304	TM ON
95	1422/		056	25/2/05	GRV	01:04:28 00:57:53	03:19:27 03:20:57	NNO	global	performed	0305	TM ON

					01033	Tigulo (Intent - Sch	SHOE ODEN		300K
	1.100					00.40.07	10.00.00					
00	1423/		OFC	25/2/05	GRV	08:16:27	10:02:26		alohal	porformed	0200	
96	1424		056	25/2/05	GRV	08:04:51	10:35:46	DSS-63	global	performed	0306	TMON
	1424/					13:45:25	16:45:25					
97	1425		056	25/2/05	GRV	13:14:11	17:09:17	DSS-14	global	performed	0307	TM ON
	1426/					03:12:23	06:12:23					
98	1427		057	26/2/05	GRV	03:06:05	06:13:50	NNO	global	performed	0308	TM ON
												X-Band: 5057057B.ODF
						07:55:49	08:23:22					S-Band: 5057057C.ODF
99	1427		057	26/2/05	GRV	07:51:39	12:12:29	DSS-63	North Polar Cap	performed	0309	TMON
												X-Band: 5057057B.ODF
	1427/					09:55:22	11:44:21					S-Band: 5057057C.ODF
100	1428		057	26/2/05	GRV	07:51:39	12:12:29	DSS-63	global	performed	0310	TM ON
						21:45:00	05:45:00					TM OFF; callibration : (0:50-1:20)
101		644	057	26/2/05	BSR	21:45:00	05:45:00	DSS-43	Bistatic Radar	performed	0311	and (2:38-2:59)
												Only S-Band: 5058058A.ODF
	1431/					13:22:18	15:48:18					TM ON; no X-band file with
102	1432		058	27/2/05	GRV	13:08:30	15:47:53	DSS-14	global	performed	0312	sample rate 1 per sec
	-					start time	stop time		3			
		DSN				(UT)	(UT)			<i>(</i>) 10		
	orbit number	tracking number	day of year	date	MaRS activity	planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
	namber	namber	year	uule	uotivity	uotuui	uotuui	Station	target, oooramates	bulloched .	Volume ib	
	1.10.11											
102	1434/ 1435		059	28/2/05	GRV	08:58:14	11:44:14		alabal	foiled	0212	TM ON; No files with sample rate
103	1435		059	20/2/03	GRV	08.38.14	11.44.14	033-03	global	failed	0313	1 per sec TNI ON; Antenna Servo Failure at
												end of ROSETTA pass. Because
	1436/			00/0/0								of this MEX track started late with
104	1437		059	28/2/05	GRV	23:28:13	01:19:12	NNO	global	failed		carrier up at 00:09z. Most of data
										cancelled by		TM ON; cancelled by POS;
105	1438		060	1/3/05	GRV	09:54:13	10:20:11	MAD	North Polar Cap	MPS		eclipse power problem

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106	1438/ 1439		060	1/3/05	GRV	13:20:35	14:52:10	DSS-25	global	failed	0314	TM ON;No files with sample rate 1 per sec
107	1442/ 1443		061	2/3/05	GRV	14:45:06	17:42:06	DSS-14	global	failed	0315	TM ON; No files with sample rate 1 per sec
108	1444/ 1445		062	3/3/05	GRV	04:12:04 04:05:00	06:23:04 06:24:50	NNO	global	performed	0316	TM ON; NN13_NN11 D2 data are not valid data
109	1456		065	6/3/05	GRV	10:56:45	11:19:52	DSS-63	North Polar Cap	partially performed	0317	TM ON; No files with sample rate 1 per sec
110	1459/ 1460		066	7/3/05	GRV	09:00:48 07:23:20	11:44:48 12:14:59	DSS-63	global	performed	0318	X-Band: 5066066B.ODF S-Band: 5066066D.ODF TM ON
111	1460/ 1461		066	7/3/05	GRV	16:37:48 15:47:40	18:04:47 18:34:59	DSS-15	global	performed	0319	X-Band: 5066066A.ODF S-Band: 5066066C.ODF TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
112	1463/ 1464		067	8/3/05	GRV	13:10:45 12:56:59	14:54:44 15:29:29	DSS-15	global	performed	0320	X-Band: 5067067C.ODF S-Band: 5067067D.ODF TM ON; cycle slips in S- & X-band files
113	1467/ 1468		068	9/3/05	GRV	14:47:40 12:58:19	17:47:40 18:25:41	DSS-14	global	performed	0321	X-Band: 5068068B.ODF S-Band: 5068068C.ODF TM ON; cycle slips in X- & S-band files
114	1473/		070	11/3/05	GRV	07:35:34 07:21:50	10:07:34 11:00:54	DSS-63	global	performed	0322	X-Band: 5070070B.ODF S-Band: 5070070C.ODF TM ON; cycle slips in S- & X-band file
	1476/ 1477			12/3/05	GRV	03:50:31 03:44:27	06:17:31 06:18:22	NNO	global	performed	0323	TM ON; NN13_NN11 D2 data are not valid data

116	1477/ 1478		071	12/3/05	GRV	10:00:30	11:40:29	DSS-63	global	failed	0324	TM ON; No files with sample rate 1 per sec
117	1479/ 1480		072	13/3/05	GRV	00:19:28 00:13:16	02:27:28 02:28:16	NNO	global	performed	0325	TM ON; NN13_NN11 D2 data are not valid data
118	1480/ 1481		072	13/3/05	GRV	07:29:27 07:16:33	09:10:27 10:06:23	DSS-63	global	performed	0326	X-Band: 5072072B.ODF S-Band: 5072072E.ODF TM ON
119	1481/ 1482		072	13/3/05	GRV	13:32:26 12:51:54	15:53:26 16:36:41	DSS-14	global	performed	0327	X-Band: 5072072C.ODF S-Band: 5072072D.ODF TM ON
								end of	MTP 10			
							;	start o	f MTP 11			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
120	1483/ 1484		073	14/3/05	GRV	03:08:18 03:02:06	05:19:42 05:20:31	NNO	global	performed	0328	missing. Sample interval of x- and s-band is not equal; cycle slips in s- and x-band
121	1484/ 1485		073	14/3/05	GRV	09:46:42 07:22:28	11:39:58 12:09:59	DSS-63	global	performed	0329	X-Band: 5073073A.ODF S-Band: 5073073B.ODF
122	1488/ 1489		074	15/3/05	GRV	12:58:53 12:45:51	14:57:12 15:23:36	DSS-15	global	performed	0330	X-Band: 5074074B.ODF S-Band: 5074074C.ODF TM ON; cycle slip in X-band file
123	1493/ 1494		075	16/3/05	GRV	22:50:36 22:44:51	00:32:40 00:33:51	NNO	global	performed	0331	TM ON
	1497/					00:26:40	03:26:57					TM ON; RNG- and CL-files from DOY 76; NN13 NN11 D2 data

125	1498/ 1499		077	18/3/05	GRV	08:00:57 07:15:35	10:09:16 11:11:47	DSS-63	global	performed	0333	X-Band: 5077077B.ODF S-Band: 5077077B.ODF TM ON; cycle slip in X-band file
126	1502/ 1503		078	19/3/05	GRV	10:02:11	11:40:50	DSS-63	global	cancelled by MPS		TM ON; cancelled by ESOC due to Star Tracker test
127	1504/ 1505		079	20/3/05	GRV	00:20:47 00:22:26	02:29:04 02:31:19	NNO	global	performed	0334	Calibration files and RNG data files from doy 78. But RNG data files cover exactly measurement
128	1505/ 1506		079	20/3/05	GRV	07:40:10 07:15:21	09:12:29 10:03:09	DSS-63	global	performed	0335	X-Band: 5079079B.ODF S-Band: 5079079D.ODF TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
129	1506/ 1507		079	20/3/05	GRV	13:48:28 13:01:15	15:56:46 16:59:15	DSS-14	global	performed	0336	S-Band: 5079079A.ODF S-Band: 5079079C.ODF TM ON; No X-band file with sample rate 1 per sec
130	1508/ 1509		080	21/3/05	GRV	03:15:05 03:08:57	05:22:22 05:23:23	NNO	global	performed	0337	TM ON
131	1509/ 1510	659	080	21/3/05	GRV	08:51:21 07:23:27	11:24:40 12:09:58	DSS-63	global	performed	0338	X-Band: 5080080B.ODF S-Band: 5080080D.ODF TM ON
132	1510/ 1511		080	21/3/05	GRV	16:40:40 15:53:00	17:40:59 18:24:59	DSS-15	global	performed	0339	X-Band: 5080080A.ODF S-Band: 5080080C.ODF TM ON; cycle slips in X-band
	1513/ 1514	660	081	22/3/05	GRV	12:53:37 12:34:36	14:58:53 16:05:46	DSS-14	global	performed	0340	X-Band: 5081081B.ODF S-Band: 5081081C.ODF TM ON; cycle slips in X-band
134	1517/ 1518	661	082	23/3/05	GRV	14:37:54 13:10:37	17:52:13 18:24:59	DSS-14	global	performed	0341	X-Band: 5082082B.ODF S-Band: 5082082C.ODF TM ON; cycle slips in X-band

					01633	naulu	SCIEIICE	LADEI	IIIIeiii - Sci		allons Loui	DOOK TIMON; about 10 minutes during
												the measurement are missing,
	1522/					00:29:27	03:28:45					CL-files from DoY 083, IFMS-3
105				05/0/05						6 H I	0054	· · · · · · · · · · · · · · · · · · ·
135	1523		084	25/3/05	GRV	00:22:53	03:10:10	NNO	global	failed	0051	was unable to look correctly on
	1504/											
	1524/				0.51/			0.0 T		cancelled by		
136	1525		084	25/3/05	GRV	13:56:05	16:56:22	GST	global	MPS		TM ON
	1526/					04:04:43	05:58:00					
137	1520/		085	26/3/05	GRV	03:58:52	05:59:08	NNO	global	performed	0342	TM ON: CL-files from DoY 084
137	1027		005	20/3/05	GUN				yiuuai	penonneu	0342	TWON, CL-IIIes II0III D01 084
		DSN				start time	stop time					
	orbit	_	day of		MaRS	(UT) planned/	(UT) planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
	number	number	ycai	uute	activity	actual	actual	Station	target, coordinates	cancened :	Volume-ib	
												X-Band: 5085085A.ODF
	1527/					09:51:59	11:40:24					S-Band: 5085085B.ODF
138		664	085	26/3/05	GRV	08:24:21	11:54:59	DSS-63	global	performed	0343	TM ON; cycle slip in X-band
100	1020	004	000	20/0/00	GITV	00.24.21	11.04.00	000 00	giobai	periornicu	0040	
												TM ON; CL and RNG-files from
	1529/					00:23:42	02:32:04					DoY 085; NN13 NN11 D2 data
139			086	27/3/05	GRV	00:17:57	02:33:12	NNO	global	performed	0344	are not valid data
100	1000			21/0/00	GITV	00.17.07	02.00.12		giobai	performed		
	1530/									cancelled by		
140	1531		086	27/3/05	GRV	07:23:03	09:16:21	MAD	global	MPS		TM ON
					0.111				giologi			
												X-Band: 5086086A.ODF
	1531/					12:59:19	15:58:39					S-Band: 5086086B.ODF
141	1532	665	086	27/3/05	GRV	12:59:01	17:10:19	DSS-14	global	performed	0345	TM ON; cycle slip in X-band
	1533/					03:16:58	05:26:16					
142	1534		087	28/3/05	GRV	03:10:48	05:27:06	NNO	global	performed	0346	TM ON; CL-files from DoY 086
												TNI ON; NN 13 D2 sample rate
												1/10 sec, NN11 (D1 and D2) has
	1543/					21:48:11	00:38:32					a gap of one minute in
143	1544		089	30/3/05	GRV	21:42:12	00:39:35	NNO	global	performed	0347	measurement, beginnig time of
												TM ON; CL-files from DoY 90;
	1547/					00:31:27	03:31:51					NN13_NN11 D2 data are not
144	1548		091	1/4/05	GRV	00:25:30	03:32:55	NNO	global	performed	0348	valid data

						nadio						
	1550/					21:38:32	23:41:51					
145	1551		091	1/4/05	GRV	21:32:49	23:43:08	NNO	global	performed	0349	TMON
	1551/					03:25:50	05:46:11					
146	1552		092	2/4/05	GRV	03:20:09	05:47:31	NNO	global	performed	0350	TM ON; CL-files from DOY 91
		DON				start time	stop time					
	orbit	DSN tracking	day of		MaRS	(UT) planned/	(UT) planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
147	1555	672	092	3/4/05	BSR	22:30:07	05:10:07	DSS-43	South Highlands	performed	0351	TM ON; BSR Calibration
	1558/					03:18:04	05:28:28					
148	1559		094	4/4/05	GRV	03:10:44	05:31:34	NNO	global	performed	0352	TM ON, CL-files from DOY 93
	1561/					22:38:08	01:38:28					TM ON; NN11 D2 data are
149	1562		094	4/4/05	GRV	22:34:04	01:40:56	NNO	global	performed	0353	missing
						04:25:42	05:42:55					
150	1569		097	7/4/05	GRV	04:19:46	05:43:53	NNO	global	performed	0354	TM ON; CL-files from DoY 96
	1575/					21:35:46	23:45:04					
151	1576		098	8/4/05	GRV	21:29:38	23:45:38	NNO	global	performed	0355	TM ON
	1579/					23:38:05	02:38:23					
152	1580		099	9/4/05	GRV	23:32:15		NNO	global	performed	0356	TM ON; Cycle slips in s- & x-band
153	1583	679	100	10/4/05	BSR	19:05:27	01:45:27	DSS-43	Hellas	performed	0357	TM ON, BSR Calibration
								end of	MTP 11			
								start o	f MTP 12			

					h1622			- CVhCI	iment - Scie	THE OPEN	anons Logi	JOOK
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
	1590/					02:39:09	04:35:23					
154	1591		103	13/4/05	GRV	02:33:11	04:36:24	NNO	global	performed	0358	TM ON; CL-files taken from 102
155	1593/ 1594		103	13/4/05	GRV	21:45:23 21:37:35	00:45:23 00:46:26	NNO	global	performed	0359	TM ON; CL-files missing due to a Station Computer crash; 1 AGC- file NN12 D1 missing
156	1597/ 1598		105	15/4/05	GRV	01:40:05 01:32:26	03:05:22 03:07:33	NNO	global	performed	0360	TM ON; CL-files from 104
157	1598/ 1599	684	105	15/4/05	GRV	07:22:01 06:52:33	10:22:01 11:14:47	DSS-63	global	performed	0361	X-Band: 5105105D.ODF S-Band: 5105105F.ODF TM ON
158	1599/ 1600	684	105	15/4/05	GRV	14:05:20 12:48:30	17:05:20 17:59:59	DSS-14	global	performed	0362	X-Band: 5105105C.ODF S-Band: 5105105E.ODF TM ON
159	1601/ 1602		106	16/4/05	GRV	03:32:01 03:26:11	05:28:41 05:29:57	NNO	global	performed	0363	TM ON; CL-files from 105
160	1605/ 1606	686	107	17/4/05	GRV	07:05:44 06:37:05	09:25:22 10:51:46	DSS-63	global	performed	0364	X-Band: 5107107D.ODF S-Band: 5107107F.ODF TM ON
161	1606/ 1607	686	107	17/4/05	GRV	13:48:03 12:48:39	16:08:43 17:08:53	DSS-15	global	performed	0365	X-Band: 5107107C.ODF S-Band: 5107107E.ODF TM ON
162	1607/ 1608		107	17/4/05	GRV	20:32:24 20:26:30	22:52:03 22:52:30	NNO	global	performed	0366	TM ON; out of lock for about 2 minutes; additional single peak in X-band
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

163	1609/ 1610	687	108	18/4/05	GRV	10:22:46 09:34:06	11:36:20 12:06:35	DSS-63	global	performed	0367	X-Band: 5108108A.ODF S-Band: 5108108B.ODF TM ON
164	1611/ 1612		108	18/4/05	GRV	22:45:18	01:45:18	NNO	global	failed		TM ON; due to an computer- error, only X-Band observations
165	1613/ 1614	688	109	19/4/05	GRV	13:06:09 12:41:57	15:11:58 16:39:41	DSS-15	global	performed	0368	X-Band: 5109109D.ODF S-Band: 5109109C.ODF TM ON; cycle slips in X-band
166	1614/ 1615		109	19/4/05	GRV	20:23:29 20:17:27	21:55:19 21:56:18	NNO	global	performed	0369	
167	1615/ 1616		110	20/4/05	GRV	01:38:38 01:32:36	04:38:38 04:39:42	NNO	global	performed	0370	out of lock for 3-4 minutes at 02:35 UT; one NN11 D1 file missing; NN13_NN11 D2 data
168	1618/ 1619		110	20/4/05	GRV	22:48:36 22:42:38	00:48:38 00:50:41	NNO	global	performed	0371	TM ON
169	1622/ 1623		112	22/4/05	GRV	01:39:48 01:34:03	03:41:52 03:43:07	NNO	global	performed	0372	TM ON; CL-files from DOY 111
170	1623/ 1624	691	112	22/4/05	GRV	07:54:36 07:56:30	10:25:13 11:29:58	DSS-63	global	performed	0373	X-Band: 5112112C.ODF S-Band: 5112112B.ODF TM ON; cycle slips in X-band
171	1625/ 1626		112	22/4/05	GRV	20:51:53 20:46:08	23:51:52 23:53:07	NNO	global	performed	0374	TM ON; one NN12-D2 file missing
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
172	1626/ 1627		113	23/4/05	GRV	04:23:32 04:19:07	05:18:54 05:20:05	NNO	global	performed	0375	TM ON

					21000							
						10:18:36	11:35:54					X-Band: 5113113B.ODF S-Band: 5113113A.ODF
173	1627	692	113	23/4/05	GRV	06:15:54	12:04:59	DSS-63	global	performed	0376	TMON
174	1629/ 1630		113	23/4/05	GRV	23:45:11 23:40:07	02:45:11 02:46:07	NNO	global	performed	0377	TM ON
175	1631	693	114	24/4/05	BSR	11:34:03	12:49:03	DSS-14	Syrtis Major	performed	0378	TM ON
	1633/					02:38:24	05:15:08					
176	1634		115	25/4/05	GRV	02:38:24	05:15:08	NNO	global	performed	0379	TM ON
170	1034		115	23/4/03	GITV	02.55.20	05.15.20		giobai	penonneu	0379	
177	1634/ 1635		115	25/4/05	GRV	09:21:45 06:10:28	11:37:25 12:05:30	DSS-63	global	performed	0380	X-Band: 5115115B.ODF S-Band: 5115115A.ODF TM ON; cycle slips in X-band
178	1637/ 1638		116	26/4/05	GRV	06:39:03	08:31:42	MAD	global	cancelled by MPS		TM ON
	1000/					10.50.40	01.50.00					
170	1639/		110	00/4/05		19:52:43	21:58:22		eleh el	in a uf a una a d	0001	TMON
179	1640		116	26/4/05	GRV	19:44:31	22:00:31	NNO	global	performed	0381	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
	1643/					21:51:33	00:51:32					
180	1644		117	27/4/05	GRV	21:45:35	00:51:32	NNO	global	performed	0382	TMON
100	1044		117	2774/03	GITV	21.45.55	00.01.00		giobai	penonneu	0002	
	1647/					00:44:52	03:44:52					
181	1648		119	29/4/05	GRV	00:39:11	03:45:11	NNO	global	performed	0383	TM ON
	1649/					15:14:15	17:02:10					X-Band: 5119119C.ODF S-Band: 5119119B.ODF
182	1650		119	29/4/05	GRV	14:16:49	17:29:59	DSS-14	global	performed	0384	TM ON; cycle slips in X-band
102	1000		110	20/4/00		14.10.40	.7.20.00		giobai	penenneu	0004	

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183	1650/ 1651		119	29/4/05	GRV	20:54:47 21:48:57	23:54:48 23:56:17	NNO	global	performed	0385	TM ON, NN11-D2 files missing
184	1651		120	30/4/05	GRV	03:38:07 03:32:19	05:01:29 05:02:54	NNO	global	performed	0386	TM ON
185	1654/ 1655		120	30/4/05	GRV	23:47:58	02:47:58	NNO	global	failed		TM ON, no files found on DDS
186	1657/ 1658		121	1/5/05	GRV	19:57:57	22:57:57	NNO	global	failed		TM ON, no files found on DDS
187	1667/ 1668	703	124	4/5/05	GRV	10:50:00	18:00:40	DSS-14	global	performed	0387	TM ON; MARSIS Deployment
188		711	132	12/5/05	GRV	10:40:00	14:45:00	DSS-14	global	failed	0388	TM ON; MARSIS Deployment; No files with sample rate 1 per sec
								end of	MTP 12			
							;	start o	f MTP 13			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
189	1721/ 1722		139	19/5/05	GRV	18:47:50	20:25:15	NNO	global	cancelled by MPS		TM ON
190	1737/ 1738		144	24/5/05	GRV	05:42:34	08:42:35	MAD	global	cancelled by MPS		TM ON
191	1738/ 1739		144	24/5/05	GRV	12:25:52	14:43:33	GST	global	cancelled by MPS		TM ON

white: planned task grey: status of operation? to be checked yellow: task to be completed green: task completed dark red: task failed or cancelled after ESOC PTR

light red: task cancelled by ESOC PTR

				<u>lars Ex</u>	<u>press</u>	<u>Radio :</u>	<u>Science</u>	Expe	riment - Sci	ence Opera	<u>ations Loab</u>	<u>ook</u>
192	1739/ 1740		144	24/5/05	GRV	19:09:11	22:09:11	NNO	global	cancelled by MPS		TM ON
193	1743/ 1744		145	25/5/05	GRV	22:02:20	01:02:20	NNO	global	cancelled by MPS		TM ON
194	1744		146	26/5/05	РНО	03:35:03	04:35:03	NNO (CAN)	Phobos	unknown		TM ON; distance to Phobos 523 km BSR (9:59:09 - 10:59:09);
195	1745		146	26/5/05	BSR	09:59:09	11:59:09	GST (MAD)	-137.36 -5.65	cancelled by MPS		BSLW (10:59:09 - 11:29:09); BCAL (11:29:09 - 11:59:09) target: stealth
196	1746/ 1747		146	26/5/05	GRV	18:52:37	21:12:18	NNO	global	failed		TM ON, only NN11(D1, D2, MT) files, no calibration files, MEX Safe mode: no RSI
197	1747/ 1748		147	27/5/05	GRV	00:55:33	03:55:33	NNO	global	failed		TM ON, no files found on DDS, MEX Safe mode: no RSI
198	1749/ 1750		147	27/5/05	GRV	14:22:05	16:49:57	GST	global	failed	0389	TM ON; no S-band files with sample rate 1 per sec
199	1750/ 1751		147	27/5/05	GRV	21:05:23	00:05:23	NNO	global	failed		TM ON, only callibration files found on DDS, MEX safe mode: no RSI
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
200	1754		148	28/5/05	GRV	18:54:08	20:15:11	NNO	global	failed		TM ON, only NN11(D1, D2, MT,RGN)- and calibration files, MEX safe mode: no RSI
201	1754/ 1755		148	28/5/05	GRV	23:58:28	02:58:28	NNO	global	failed		TM ON, no files found on DDS, MEX Safe mode: no RSI

1755/ TM ON: no S-band files with 202 1756 149 29/5/05 GRV 06:41:48 09:41:47 MAD failed 0390 sample rate 1 per sec TM ON, only callibration files 1757/found on DDS, MEX safe mode: 203 1758 23:08:23 **NNO** no RSI 149 29/5/05 GRV 20:08:24 global failed TM ON, only callibration files 1758/ found on DDS. MEX safe mode: 204 1759 30/5/05 02:51:37 04:39:57 no RSI 150 GRV NNO failed 1761/ TM ON: No files with sample rate 1762 150 30/5/05 GRV 23:01:25 02:01:25 GST 0391 205 failed 1 per sec global 1762/ TM ON: no S-band files with 1763 0392 206 31/5/05 GRV 05:46:30 08:44:40 MAD 151 failed sample rate 1 per sec 1763/ TM ON: no S-band files with 1764 31/5/05 GRV 12:27:56 15:27:56 GST 0393 sample rate 1 per sec 207 151 failed BSLW (14:53:49 - 15:23:49); BCAL (15:23:49 - 15:53:49) cancelled by GST 1767 BSR MPS 152 1/6/05 13:53:49 15:53:49 -137.66 -5.05 208 target: stealth start time stop time DSN (UT) (UT) MaRS orbit tracking day of planned/ planned/ ground performed? number number vear date activity actual station target; coordinates cancelled? Volume-ID remarks comments actual 1770/ TM ON: No S-band files with 153 11:37:35 209 1771 2/6/05 GRV 14:30:45 GST 0394 sample rate 1 per sec failed TM ON, Calibration files missing 1771/18:52:48 21:13:59 (D1, D2, RGN), RGN files missing, some Meteo files missing 210 1772 153 2/6/05 GRV 18:12:00 20:41:00 NNO global 0395 performed 1774/TM ON: No S-band files with 1775 154 3/6/05 GRV 14:23:45 17:23:45 GST 0396 211 failed sample rate 1 per sec

Mars Express Radio Science Experiment - Science Operations Logbook

											J	
212	1775/ 1776		154	3/6/05	GRV	21:06:59 20:27:09	00:06:59 23:33:59	NNO	global	performed	0397	TM ON
213	1778		155	4/6/05	GRV	12:17:12	13:33:31	GST	global	failed	0398	TM ON; No files with sample rate 1 per sec
214	1779		155	4/6/05	GRV	19:00:30 18:20:21	20:16:48 19:43:22	NNO	global	performed	0220	files missing, MET NN11 files missing, RGN all files missing; NN12-Data are not valid data TIM ON, Calibration files missing
215	1779/ 1780		155	4/6/05	GRV	00:00:04 23:17:45	03:00:04 02:26:31	NNO	global	performed	0179	(D1, D2,RGN); one NN12 D2 file missing; NN12-Data are not valid data
216	1782/ 1783		156	5/6/05	GRV	20:09:42 19:27:33	23:09:42 22:36:38	NNO	global	performed	0399	about 40 minutes after end of X- band data recording! Goes back to coherent mode after 40
217	1783/ 1784		157	6/6/05	GRV	02:52:58 02:09:47	04:25:57 03:51:50	NNO	global	performed	0400	coherent for about 30 minutes after the first 50 minutes of data- recording! X-band back to
								end of	MTP 13			
							ę	start o	f MTP 14			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
218	1785		157	6/6/05	РНО	14:39:59	15:39:59	GST	Phobos	performed	0401	TM ON; distance to Phobos ~900 km; cycle slip in X-band
219	1786/ 1787		157	6/6/05	GRV	23:00:31 22:54:36	01:13:33 01:14:37	NNO	global	performed	0402	coherent starting 90 minutes after begin of data recording! Both stay non coherent until end of data
220	1789/ 1790		158	7/6/05	GRV	19:02:50	21:36:19	NNO	global	failed		TM ON, Problems because of bad weather near NNO. Loss of Lock, loss of ranging at 20:45

				lais ex	Dress		Science	Expe	riment - Sci	ence Obera	ations Logi	THON; X- and S-band-data non
												coherent starting 107minutes
	1793/					21:41:14	00:28:42					after begin of data recording!
221			159	8/6/05	GRV	21:35:07	00:29:07	NNO	global	performed	0403	Both stay non-coherent until end
			100			21.00.07	00.20.07		giobai	pononnou		
										cancelled by		TM ON; distance to Phobos 305
222	1794		160	9/6/05	PHO	03:48:26	04:48:26	MAD		MPS		km
								GST		cancelled by		
223	1795		160	9/6/05	BSR	10:06:26	11:06:26	(MAD)	-6.10 -2.17	MPS		TM ON; target Opportunity
220	1700		100	5/0/00	DON	10.00.20	11.00.20		0.10 2.17			The only, target opportunity
224	1799		161	10/6/05	GRV	14:06:52	15:10:52	GST	global	performed	0404	TM ON
						18:12:42	20:17:31					
225	1804		162	11/6/05	GRV	18:07:26	19:40:53	NNO	global	performed	0431	TM ON, RGN-Calib file missing
			TOL		Cirty	10.07.20	10.10.00		giobai	ponormou		The only real or one his mostly
	1805/											
226	1806		163	12/6/05	GRV	06:37:31	09:05:59	MAD	global	failed	0405	TM ON
										cancelled by		
227	1806		163	12/6/05	BSR	12:03:16	13:03:16	GST	-5.94 -1.50	MPS		TM ON; target Opportunity
						start time	stop time					
		DSN				(UT)	(UT)					
	orbit	tracking	day of		MaRS	planned/	planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
												TM ON; some AGC-files missing;
	1807/					19:44:43	22:18:51					S-band non-coherent from
228			163	12/6/05	GRV	19:38:33	21:34:48	NNO	global	performed	0406	21.30:45 [GRT]
												TM ON; MARSIS deployment
229		744	165	13/6/05		09:55:00	16:10:00	DSS-14		failed	0407	(Dipole #2)
												TM ON; MARSIS deployment
230		747	168	17/6/05		11:55:00	16:00:00	DSS-14		failed	0408	(Monopole)
200						1100.00	10100.00				0.00	

231		763	184	3/7/05	BSR	16:40:00	23:25:00	DSS-43		unknown	0409	TM ON; Bistatic Radar
								end of	MTP 14			
								start o	f MTP 15			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
232	1886 / 1887		185	4/7/05	GRV	23:06:07 22:59:08	01:21:44 01:24:09	NNO	global	performed	0410	TM ON
233	1887 / 1888	765	186	5/7/05	GRV	05:04:59 04:00:10	08:04:55 09:10:48	DSS-63	global	performed	0411	X-Band: 5186186A.ODF S-Band: 5186186B.ODF TM ON
234	1889 / 1890		186	5/7/05	GRV	18:31:24 18:09:29	20:42:33 20:43:27	NNO	global	performed	0412	TM ON
235	1893 / 1894	767	187	6/7/05	BSR	22:48:00	23:47:59	CAN	74.92 -60.85	performed	0413	TM ON; Sth_Hellas
236	1895 / 1896	767	188	7/7/05	GRV	12:15:57 11:18:51	13:50:35 14:44:59	DSS-14	global	performed	0414	X-Band: 5188188B.ODF S-Band: 5188188C.ODF TM ON; cycle slips in X-band
237	1897 / 1898		189	8/7/05	GRV	01:37:31 01:31:58	03:01:35 03:02:58	NNO	global	performed	0415	TM ON
238	1903 / 1904		190	9/7/05	GRV	17:46:34 17:40:05	19:36:04 19:37:16	NNO	global	performed	0416	TM ON
239	1905 / 1906	770	191	10/7/05	GRV	07:12:01 05:43:10	09:02:33 09:51:06	DSS-63	global	performed	0417	X-Band: 5191191A.ODF S-Band: 5191191B.ODF TM ON

							Jerence					
240	1907 / 1908		191	10/7/05	GRV	20:26:03 20:19:00	22:28:56 22:29:49	NNO	global	performed	0418	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
241	1911 / 1912		192	11/7/05	GRV	22:21:55 22:14:15	01:21:56 01:23:00	NNO	global	performed	0419	TM ON
									<u> </u>			
242	1914 / 1915		193	12/7/05	GRV	18:31:28 18:21:59	20:27:29 20:32:01	NNO	global	performed	0420	TM ON
									<u> </u>			
243	1918 / 1919		194	13/7/05	GRV	21:24:21 21:18:26	00:24:14 00:25:18	NNO	global	performed	0421	TM ON
244	1922		195	14/7/05	GRV	22:05:40	22:45:40	NNO	AscraeusMons	failed		TM ON, many files missing
	1922 /					00:40:40	03:05:51					
245			196	15/7/05	GRV	00:33:29	03:07:06	NNO	global	performed	0422	TM ON
					0	00.00.20			9.0.00			
						00:58:20	01:38:20					
246	1926		197	16/7/05	GRV	00:58:20	01:38:20	NNO	OlympusMons	performed	0423	TM ON
					0							
	1929 /					23:19:40	02:19:33					
247			197	16/7/05	GRV	23:19:40	02:19:55	NNO	global	performed	0424	TM ON
	1937 /					06:10:12	08:05:17					X-Band: 5200200C.ODF S-Band: 5200200D.ODF
248		799	200	19/7/05	GRV	04:12:54	08:36:40	DSS-63	global	performed	0425	TM ON; cycle slips in S- & X-band
	1938 /					12:00:24	14:48:27			partially		Only X-Band: 5200200B.ODF
249		779	200	19/7/05	GRV	11:50:56	16:23:06	DSS-15	global	performed	0426	TM ON
									<u></u>			

250	1939		200	19/7/05	OCI	17:44:57	17:58:06	NNO	180.64 30.67	failed		TM ON; loss of IFMS3 and no recoverage before end of Radio Science; no ranging either!
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
251	1939 / 1940		200	19/7/05	GRV	18:31:39	20:12:24	NNO	global	failed		TM ON; loss of IFMS3 and no recoverage before end of Radio Science; no ranging either! TM ON; IFMS 1 could not lock,
252	1942		201	20/7/05	OCI	13:49:30	14:05:11	NNO	249.50 35.81	unknown	0427	only IFMS 2 & 3 should be available (not clear if this measurement is affected)
253		780	201	20/7/05	GRV	13:34:00 13:34:41	14:05:00 16:44:58	DSS-15	global	partially performed	0428	Only S-Band: 5201201B.ODF TM ON
254	1942 / 1943	780	201	20/7/05	GRV	14:31:22 13:34:41	16:44:57 16:44:58	DSS-15	global	partially performed	0429	Only S-Band: 5201201B.ODF TM ON
255	1943		201	20/7/05	OCI	20:31:37 20:27:00	20:48:01 20:49:00	NNO	249.52 35.8	performed	0430	TM ON; only IFMS 2&3 available; big noise on S-band TM ON; IFMS T could not lock,
256	1943 / 1944		201	20/7/05	GRV	21:24:31 21:19:00	00:24:37 00:26:00	NNO	global	performed	0431	only IFMS 2 & 3 should be available (not clear if this measurement is affected); RG
257	1945		202	21/7/05	OCI	10:05:11	11:14:11	GST	316.98 38.72	partially performed	0432	TM ON; No files with sample rate 1 per sec
258	1946 / 1947		202	21/7/05	GRV	17:37:56 17:32:00	20:07:59 20:09:00	NNO	global	performed	0433	TM ON
259	1947		202	21/7/05	OCI	23:22:36 23:18:00	23:40:14 23:41:00	NNO	219.41 39.55	performed	0434	TM ON

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260	1948	782	203	22/7/05	GRV	04:34:52 03:18:55	05:28:52 07:44:28	DSS-63	AscraeusMons	performed	0435	TM ON; DSS-63 has a problem with their s-band downlink, but X- band should be ok!
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
261		782	203	22/7/05	GRV	05:46:00 03:18:55	06:23:00 07:44:28	DSS-63	global	partially performed	0436	TM ON; DSS-63 has a problem with their s-band downlink, but X- band should be ok!; Changed
262	1948		203	22/7/05	OCI	06:01:23 03:18:55	06:23:23 07:44:28	DSS-63	121.91 40.45	performed	0437	Only X-Band: 5203203C.ODF TM ON; RMP-file corrected; only X-band L2-processed
263	1949		203	22/7/05	OCI	12:57:34 09:38:45	13:06:34 16:49:59	DSS-15	24.19 41.16	performed	0438	X-Band: 5203203B.ODF S-Band: 5203203D.ODF TM ON
264	1949 / 1950	782	203	22/7/05	GRV	13:42:43 09:38:45	16:43:41 16:49:59	DSS-15	global	performed	0439	X-Band: 5203203B.ODF S-Band: 5203203D.ODF TM ON
265	1950		203	22/7/05	OCI	19:34:52 19:30:00	19:49:52 19:50:00	NNO	286.62 41.94	performed	0440	TM ON
266	1950 / 1951		203	22/7/05	GRV	20:36:11 20:30:00	23:26:59 23:28:00	NNO	global	performed	0441	TM ON
267	1951/ 1952	783	204	23/7/05	GRV	03:47:47 03:37:24	04:47:44 06:43:06	DSS-63	global	performed	0442	X-Band: 5204204A.ODF S-Band: 5204204B.ODF TM ON; cycle slip in X-band
268	1953 /		204	23/7/05	GRV	17:31:50 17:24:11	19:36:30 19:37:39	NNO	global	performed	0443	TM ON
269			204	23/7/05	OCI	22:27:56 22:24:00	22:42:56 22:44:00	NNO	255.66 44.36	performed	0444	TM ON

270	1956	784	205	24/7/05	BSR	10:58:14	11:58:14	DSS-14	155.91 49.44	performed	0445	TM ON; Nothern_Plains
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
271	1957		205	24/7/05	OCI	18:38:00	18:53:00	NNO	322.34 45.95	performed	0445	TM ON; data have a high noise level: in NN12 D1X ~ 520 mHz in S-Band: NN13 D1S ~130 mHz
272	1957 / 1958		205	24/7/05	GRV	19:47:35	22:29:16	NNO	global	performed	0446	TM ON, no range files available
273	1958		206	25/7/05	OCI	01:18:58 01:16:00	01:36:12 01:40:00	NNO	224.51 46.42	performed	0447	TM ON
274	1960	785	206	25/7/05	GRV	10:35:00 09:07:35	11:24:00 11:24:59	DSS-63	global	performed	0448	X-Band: 5206206A.ODF S-Band: 5206206B.ODF TM ON; cycle slips in X-band
275	1961 / 1962		206	25/7/05	GRV	22:53:15	01:22:07	NNO	global	performed	0449	TM ON
276	1963		207	26/7/05	OCI	11:03:07	11:13:07	NNO	357.71 49.29	failed		TM ON no files found on DDs
277	1963 / 1964	786	207	26/7/05	GRV	12:03:00 12:05:22	14:48:25 15:49:18	DSS-15	global	performed	0450	X-Band: 5207207B.ODF S-Band: 5207207C.ODF TM ON
278	1965		208	27/7/05	OCI	00:26:49	00:39:52	NNO	259.9 49.75	performed	0451	TM ON
279	1969 / 1970		209	28/7/05	GRV	04:40:13	07:07:20	MAD	global	cancelled by MPS		TM ON; Mail from John Reynolds: Madrid Pass but no Radio Science scheduled

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	orbit	DSN tracking	_	data	MaRS	start time (UT) planned/	stop time (UT) planned/	ground	4	performed? cancelled?	Valuma ID	
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
280	1970 / 1971	788	209	28/7/05	GRV	11:13:00 11:15:13	13:50:40 14:25:39	DSS-14	global	performed	0452	X-Band: 5209209B.ODF S-Band: 5209209C.ODF TM ON
281	1971 / 1972		209	28/7/05	GRV	18:08:55	19:52:16	NNO	global	performed	0453	TM ON; no NN13-D2 files
282	1972		209	28/7/05	OCI	23:24:51 23:21:00	23:43:51 23:44:00	NNO	295.13 52.64	performed	0454	level in X-Band (NN11 D1X ~1.715 Hz) and S-Band (NN13 D1S ~0.475 Hz) and seem to be
283	1973	789	210	29/7/05	OCI	06:12:27 05:58:09	06:27:27 09:49:52	DSS-63	197.18 52.96	performed	0455	X-Band: 5210210B.ODF S-Band: 5210210c.ODF TM ON
284	1973 / 1974	789	210	29/7/05	GRV	07:37:46 02:58:00	09:50:00 09:54:45	DSS-63	global	performed	0456	X-Band: 5210210B.ODF S-Band: 5210210C.ODF TM ON
285	1974		210	29/7/05	OCI	12:59:47	13:10:47	NNO		failed		TM ON; no files found on DDS
286	1974 / 1975	789	210	29/7/05	GRV	14:10:00	16:43:22	DSS-15	global	failed	0457	TM ON; No files with sample rate 1 per sec
287	1975		210	29/7/05	OCI	19:42:18 19:38:00	19:54:18 19:55:00	NNO	1.52 53.74	performed	0458	TM ON; NN13 D2 files missing
288	1975 / 1976		210	29/7/05	GRV	21:06:24	23:26:30	NNO	global	performed	0459	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

289	1978		211	30/7/05	OCI	15:50:31	16:04:39	NNO		failed		TM ON; no data available
	1978 /											
290	1979		211	30/7/05	GRV	17:24:31	19:36:02	NNO	global	failed		TM ON; no files found on DDS
						22:29:09	22:48:09					
291	1979		211	30/7/05	OCI	22:29:09	22:48:09	NNO	330.17 55.21	performed	0460	TM ON;
	1979 /											
292	1980		212	31/7/05	GRV	00:03:35	00:49:10	NNO	global	failed		TM ON; no files found on DDS
												TM ON; Mail from John
293	1980		212	31/7/05	OCI	05:11:30	05:31:30	MAD	134.55 55.30	cancelled by MPS		Reynolds: Madrid Pass but no Radio Science scheduled
				0.,,,00								X-Band: 5212212A.ODF
						11:59:39	12:14:43					S-Band: 5212212R.ODF
294	1981		212	31/7/05	OCI	11:53:14	12:12:53	DSS-15	134.55 55.30	performed	0461	TM ON
295	1982		212	31/7/05	OCI	18:37:47	18:58:27	NNO		failed		TM ON; no files found on DDS
	1002								MTP 15			
									f MTP 16			
		[start time	stop time					
		DSN				(UT)	(UT)			<i>i</i> 10		
	orbit number	tracking number	day of year	date	MaRS activity	planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
										partially		TM ON; No files with sample rate
296	1985	792	213	1/8/05	OCI	14:59:05	15:08:43	DSS-63	103.11 57.32	performed	0462	1 per sec
297	1986		213	1/8/05	OCI	21:30:10 21:26:00	21:52:10 21:53:00	NNO	5.31 57.67	performed	0463	TM ON, no NN13 files, some NN11 and NN12 files missing

						reere						UUI
	1986/					23:12:28	01:21:17					
298			213	1/8/05	GRV	23:06:00	01:22:00	NNO	global	performed	0464	TM ON; NN13-D2 files missing
200	1007		210	1/0/00	GITV	20.00.00	01.22.00		giobai	periornica		
						17:40:42	18:02:42					
299	1989		214	2/8/05	OCI	17:52:00	18:02:00	NNO	71.82 58.69	performed	0465	TM ON; some files are missing
	1989/					19:25:18	21:30:45					
300			214	2/8/05	GRV	19:25:18	21:30:45	NNO	global	performed	0466	TM ON; no NN13-D2 files
300	1990		214	2/0/00	GRV	19.19.00	21.31.00		giobai	penonneu	0400	
	1991/					10:00:01	10:24:59					
301	1992	794	215	3/8/05	OCI	10:00:00	10:24:00	DSS-15	???	performed	0467	TM ON; cycle slips in S- & X-band
						13:55:01	14:13:01					
302	1992	794	215	3/8/05	OCI	13:55:01	14:15:00	DSS-15	138.48 59.73	performed	0468	TM ON; cycle slips in S- & X-band
302	1992	7 94	215	3/0/03		13.50.01	14.15.00	033-15	130.40 59.75	penonneu	0400	
												TM ON; no records between
	1993/					22:22:11	00:23:16					22:30 till 22:52; no NN13-D2-file
303	1994		215	3/8/05	GRV	22:16:00	00:35:00	NNO	global	failed	0176	for 22:16-22:30
						10:01:42	10:23:42					
304	1995	795	216	4/8/05	OCI	10:00:01	10:24:59	DSS-15	204.98 60.67	performed	0469	TM ON; cycle slips in S- & X-band
004	1000	100	210	+/0/00	001	start time	stop time		204.00 00.07	performed	0400	
		DSN				(UT)	(UT)					
	orbit	tracking	day of		MaRS	planned/	planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
												X-Band: 5216216B.ODF
	1995/					11:50:12	13:49:34					S-Band: 5216216C.ODF
305		795	216	4/8/05	GRV	09:46:57	13:49:35	DSS-15	global	performed	0470	TM ON; cycle slips in S- & X-band
000		100	2.0	1/0/00	Girt	00.10.07	10110.00		giobai	pononnou		
						23:28:46	23:50:46					TM ON, s- and x-band doesn't
306	1997		216	4/8/05	OCI	23:24:00	23:51:00	NNO	9.43 61.33	performed	0471	have the same sample rate
												fomerly known as a GRV, but
	1997/					01:19:10	02:02:27					changed into OCI because of a
307			217	5/8/05	OCI	01:13:00	02:02:27	NNO	global	performed	0472	not suitable s-band and therefore
007	1000			0,0,00		01.10.00	02.04.00		giobai	penonneu	0472	not suitable s band and therefore

			<u> </u>	nais Ex	DIess	naulu	Science		imeni - Scie	since Opera	auons lou	בט/דט-דאוא ; אוע דארע-דווes only till
												19:42; X-Band file has an
						19:39:23	20:01:23					increased noise level (NN11 D1
308	2000		217	5/8/05	OCI	19:35:00	20:01:20	NNO	76.10 62.28	performed	0473	~156 mHz)
000	2000		217	0/0/00		10.00.00	20.02.00		70.10 02.20	periornicu	0470	X-Band: 5218218B.ODF
												S-Band: 5218218D.ODF
	2001/					04:15:00	06:08:19					TM ON; GS changed to DSS-15
309	2002	797	218	6/8/05	GRV	04:07:05	09:26:38	DSS-63	global	performed	0474	according to file content
						08:51:00	09:28:25					
210	2002	797	218	6/8/05	OCI	08.51.00	09:28:25	DSS-63	240.57 62.91	performed	0475	TM ON
510	2002	131	210	0/0/03		09.07.00	09.52.00	000-00	240.37 02.31	penomeu	0475	
												TM ON; GS changed to DSS-14
311	2003		218	6/8/05	GRV	14:22:56	15:02:56	DSS-14	OlympusMons	performed	0476	according to file content
	2003/					17:44:16	19:34:32					
312			218	6/8/05	GRV	17:38:00	19:34:32	NNO	alobal	performed	0477	TM ON: no NN12 D2 filos
312	2004		210	0/0/03	GRV	17.30.00	19.55.00		global	penomeu	0477	TM ON; no NN13-D2 files
												TM ON; no NN13 files (IFMS3
						22:33:36	22:55:26					crashed shortly before the
313	2004		218	6/8/05	OCI	22:29:00	22:56:00	NNO	45.17 63.56	performed	0478	measurement)
						start time	stop time					
	h . 14	DSN			M-D0	(UT)	(UT)					
	orbit number	tracking number	day of year	date	MaRS activity	planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
	Humber	number	ycai	uate	activity	actual	actual	Station	target, coordinates	cancenca	Volume-ID	
						05:02:00	05:37:00					
314	2005	798	219	7/8/05	OCI	05:17:00	05:36:00	DSS-63	307.48 63.90	performed	0479	TMON
	2005/							MAD				
315			219	7/8/05	GRV	07:12:40	07:29:50	(GST)	global	failed	0480	TMON
315	2000		213	7/6/05	anv	07.12.40	01.29.00		giobal	Taileu	0400	
						and the second	10.00.00	DSS-15	209.66 64.17	performed	0481	TM ON
316	2006	798	219	7/8/05	OCI	12:00:00	12:22:36	033-15	209.00 04.17	penomed	0401	
316	2006	798	219	7/8/05	OCI	12:00:00	12:22:36	035-15	209.00 04.17	penonneu	0401	
316		798	219	7/8/05	OCI			033-15	209.00 04.17	penonneu	0481	X-Band: 5219219A.ODF
<u>316</u> 317	2006/	798	219 219	7/8/05	OCI GRV	12:00:00 13:56:00 11:45:57	15:44:00 15:43:59	DSS-15	global	performed	0482	

			IY		01633	naulo	SCIEIICE		riment - Scie		allons Loui	TM ON; NN13 G1 THES MISSING
												Large Offset and drift in S-Band
						18:44:12	19:06:12					data! Reason unknown! Noise
318	2007		219	7/8/05	OCI	18:40:00	19:07:00	NNO	111.98 64.49	performed	0483	level in S-band is ok!
010	2007		210	1/0/00	001	10.10.00	10.07.00			pononnou	0.00	
						01:28:43	01:49:43					
319	2008		220	8/8/05	OCI	01:24:00	01:50:00	NNO	14.26 64.79	performed	0484	TM ON; NN13 D2 files missing
						21:38:25	22:00:25					
320	2011		220	8/8/05	OCI	21:34:00	22:01:00	NNO	81.20 65.69	performed	0485	TM ON
										·		
	0011/					00.07.44	01.10.00					TM ONE NINGO DE and DO Star
001	2011/		000	0/0/05	GRV	23:37:44	01:19:32		ale hel	in out ourse of	0400	TM ON; NN13 D1 and D2 files
321	2012		220	8/8/05	GRV	23:31:41	01:20:29	NNO	global	performed	0486	missing
						17:48:58	18:10:58					
322	2014		221	9/8/05	OCI	17:44:00	18:12:00	NNO	148.40 66.64	performed	0487	TM ON; NN13 D2 files missing
						start time	stop time					
	orbit	DSN tracking	day of		MaRS	(UT)	(UT)	around		porformod?		
	orbit number	tracking	day of year	date	MaRS activity	(UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
			day of year	date		planned/	planned/	•	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
		tracking		date		planned/ actual	planned/ actual	•	target; coordinates		Volume-ID	remarks comments
	number	tracking	year		activity	planned/ actual 00:32:36	planned/ actual 00:54:36	station		cancelled?		
323	number	tracking		date 10/8/05		planned/ actual	planned/ actual	•	target; coordinates		Volume-ID 0488	remarks comments
323	number	tracking	year		activity	planned/ actual 00:32:36	planned/ actual 00:54:36	station		cancelled?		
323	number	tracking	year		activity	planned/ actual 00:32:36	planned/ actual 00:54:36	station		cancelled?		
323	number 2015	tracking	year		activity	planned/ actual 00:32:36 00:29:00	planned/ actual 00:54:36 00:59:00	station		cancelled?		
	number 2015	tracking	year 222	10/8/05	activity OCI	planned/ actual 00:32:36 00:29:00 20:43:29	planned/ actual 00:54:36 00:59:00 21:05:29	station	50.70 66.90	cancelled?	0488	TM ON TM ON TM ON
	number 2015 2018	tracking	year 222	10/8/05	activity OCI	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00	station	50.70 66.90	cancelled?	0488	TM ON TM ON TM ON; wrong upiink-irrequency in header in NN12, NN13, uplink-
324	number 2015 2018 2018/	tracking	year 222 222	10/8/05 10/8/05	activity OCI OCI	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15	station NNO NNO	50.70 66.90 117.88 67.78	cancelled? performed	0488 0489	TM ON TM ON TM ON; wrong upiink-trequency in header in NN12, NN13, uplink- frequency corrected in
	number 2015 2018 2018/	tracking	year 222	10/8/05	activity OCI	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00	station	50.70 66.90	cancelled?	0488	TM ON TM ON TM ON; wrong upiink-irrequency in header in NN12, NN13, uplink-
324	number 2015 2018 2018/ 2019	tracking	year 222 222	10/8/05 10/8/05	activity OCI OCI	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00	station NNO NNO	50.70 66.90 117.88 67.78	cancelled? performed	0488 0489	TM ON TM ON TM ON; wrong upilnk-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF
<u>324</u> <u>325</u>	number 2015 2018 2018/ 2019/	tracking number	year 222 222 222 222	10/8/05 10/8/05 10/8/05	activity OCI OCI GRV	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00 05:30:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00 07:05:00	station NNO NNO	50.70 66.90 117.88 67.78 global	cancelled? performed performed	0488 0489 0490	TM ON TM ON TM ON; wrong uplink-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF S-Band: 5223223D.ODF
324	number 2015 2018 2018/ 2019/	tracking	year 222 222	10/8/05 10/8/05	activity OCI OCI	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00	station NNO NNO	50.70 66.90 117.88 67.78	cancelled? performed	0488 0489	TM ON TM ON TM ON; wrong upilnk-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF
<u>324</u> <u>325</u>	number 2015 2018 2018/ 2019/	tracking number	year 222 222 222 222	10/8/05 10/8/05 10/8/05	activity OCI OCI GRV	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00 05:30:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00 07:05:00	station NNO NNO	50.70 66.90 117.88 67.78 global	cancelled? performed performed	0488 0489 0490	TM ON TM ON TM ON; wrong uplink-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF S-Band: 5223223D.ODF
<u>324</u> <u>325</u>	number 2015 2018 2018/ 2019/ 2020	tracking number	year 222 222 222 222	10/8/05 10/8/05 10/8/05	activity OCI OCI GRV	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00 05:30:00 05:22:10	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00 07:05:00 07:04:22	station NNO NNO	50.70 66.90 117.88 67.78 global	cancelled? performed performed	0488 0489 0490	TM ON TM ON TM ON; wrong uplink-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF S-Band: 5223223D.ODF
<u>324</u> <u>325</u>	number 2015 2018 2018/ 2019/ 2020 2021/	tracking number	year 222 222 222 222	10/8/05 10/8/05 10/8/05	activity OCI OCI GRV	planned/ actual 00:32:36 00:29:00 20:43:29 20:39:00 22:46:40 22:40:00 05:30:00	planned/ actual 00:54:36 00:59:00 21:05:29 21:06:00 00:21:15 00:22:00 07:05:00	station NNO NNO	50.70 66.90 117.88 67.78 global	cancelled? performed performed	0488 0489 0490	TM ON TM ON TM ON; wrong uplink-frequency in header in NN12, NN13, uplink- frequency corrected in NN13_NN12 X-Band: 5223223C.ODF S-Band: 5223223D.ODF

328 202 203 11,805 OC 2337.50 2359.50 NNO 87.66 68.90 performed O493 TMON; NN13 D2 files missing 329 2025 12 224 12805 OC 19.46.30 2011.00 NNO 155.38 69.77 performed O493 TMON; CL-01 and NN13-D2 330 2027 804 225 13.805 OC 19.45.30 09.37.47 DSS.14 22.92 7.035 failed IMON; CL-01 and NN13-D2 331 2028 804 225 13.805 OC 19.55.29 16.21.20 DSS.14 22.92 7.035 failed IMON; RSR hardware failure, no data acquired 333 2028 804 225 13.805 OC 19.55.29 16.21.20 DSS.14 22.92 7.035 failed Imon; CL-D1; some N13-D2 333 2029 Row 12.5 13.805 NO 12.5.60 7.0.81 performed? Volume-D fmon; CL-D1; some N113-D1 333						01033	nauto			IIIIeIII - Scie			OOON
228 202 202 224 118/05 OCI 233100 0.01100 NNO 87.66 68.90 performed 0.4930 TMON; NN13 D2 files missing 329 2025 224 224 128/05 CCI 194430 201100 NNO 155.38 69.77 performed 0.4931 TMON; NN13 D2 files missing 330 2027 804 225 138.05 COI 69.1500 09.1500 09.1500 09.1700 09.1700 155.38 69.77 9performed 0.4934 TMON; RN13 D2 files missing 333 2028 804 225 138.05 COI 65.59.20 65.91.20 09.51.4 22.92 70.53 failed 140.01 TMON; RN13 D2 files missing 333 2028 804 225 138.05 COI 155.92.20 65.92.20 09.51.4 22.92 70.53 failed 140.01 MON; RN failes missing 333 2039 DS 22.5 138.05 COI 65.92.20 20.51.6 09.54.7 20.55.7 20.55.7 20.55.7 20.55.7 20.55.7													
228 202 202 224 118/05 OCI 233100 0.01100 NNO 87.66 68.90 performed 0.4930 TMON; NN13 D2 files missing 329 2025 224 224 128/05 CCI 194430 201100 NNO 155.38 69.77 performed 0.4931 TMON; NN13 D2 files missing 330 2027 804 225 138.05 COI 69.1500 09.1500 09.1500 09.1700 09.1700 155.38 69.77 9performed 0.4934 TMON; RN13 D2 files missing 333 2028 804 225 138.05 COI 65.59.20 65.91.20 09.51.4 22.92 70.53 failed 140.01 TMON; RN13 D2 files missing 333 2028 804 225 138.05 COI 155.92.20 65.92.20 09.51.4 22.92 70.53 failed 140.01 MON; RN failes missing 333 2039 DS 22.5 138.05 COI 65.92.20 20.51.6 09.54.7 20.55.7 20.55.7 20.55.7 20.55.7 20.55.7													
329 2025 204 224 128/05 OCI 19.48/30 2010/30 NNO 155.38 69.77 performed Od944 MON; CL-D1 and NN13-D2 330 2027 804 224 128/05 OCI 09.1500 09.1747 DSS 14 320.47 70.30 failed TM ON; RSR hardware failure, no 331 2028 804 225 13/8/05 OCI 15.59.29 16/8/129 DSS 14 320.47 70.30 failed TM ON; RSR hardware failure, no 331 2028 804 225 13/8/05 OCI 15.59.29 16/8/129 DSS 14 222.82 70.53 failed TM ON; RSR hardware failure, no 331 2028 804 225 13/8/05 OCI 15.59.29 16/8/129 23.06.00 NNO 125.60 70.81 performed? Volume-ID TM ON; CL-D1 and NN13-D2 332 2029 228 13/8/05 OCI 32.95.00 25.41 82.06.00 NNO 125.60 70.81 </th <th></th>													
329 2025	328	2022		223	11/8/05	OCI	23:31:00	00:01:00	NNO	87.66 68.90	performed	0493	TM ON; NN13 D2 files missing
329 2025													
329 2025													
329 2025							19:48:30	20:10:30					TM ON: CL-D1 and NN13-D2
330 2027 804 225 138.05 OCI 09:15:00 09:37:47 DSS:14 320.47 70:30 failed IM ON: RSR hardware failure, no data acquired 331 2028 804 225 138:05 OCI 15:59:29 16:21:29 DSS:14 222.92 70:53 failed IM ON: RSR hardware failure, no data acquired 331 2028 804 225 138:05 OCI 15:59:29 16:21:29 DSS:14 222.92 70:53 failed IM ON: RSR hardware failure, no data acquired 331 2028 804 225 13:805 OCI 22:43:10 23:06:10 http://image/i	320	2025		224	12/8/05	001				155 38 69 77	performed	0404	
330 9027 804 225 138.05 OCI 0915.00 09137.47 DSS-14 320.47 70.30 failed Image: Constraint of the constraint	523	2023		224	12/0/03	001	13.44.00	20.11.00		133.30 03.77	penomed	0434	
330 9027 804 225 138.05 OCI 0915.00 09137.47 DSS-14 320.47 70.30 failed Image: Constraint of the constraint													
330 9027 804 225 138.05 OCI 0915.00 09137.47 DSS-14 320.47 70.30 failed Image: Constraint of the constraint													
331 2028 804 225 13/8.05 OCI 15/59/29 16/21/29 DSS-14 222 92 70.53 failed TM ON; RSR hardware failure, no data acquired orbit DSN number day of year start time (UT) stop time (UT) ground actual ground station ground target; coordinates granod/ cancelled? Yolume-ID remarks comments 332 2029 Z25 13/8/05 OCI 22/43:10 23/05:10 NNO 12/5:60 70.81 performed 0495 TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing 333 2030 805 2/26 14/8/05 OCI 05/26:00 05/48:45 DSS-63 28.19 71.06 performed 0496 TM ON; IM ON;UST NN13 D1 + 2, AGC 1 + 2 and ME-files found on DDS; found on													
331 2028 804 225 13/8/05 OCI 15/59/29 18/21/29 DSS-14 22/29 70.53 failed data acquired 1 orbit rracking number 0 0 0 15/59/29 18/21/29 DSS-14 22/29 70.53 failed 1 <t< th=""><th>330</th><th>2027</th><th>804</th><th>225</th><th>13/8/05</th><th>OCI</th><th>09:15:00</th><th>09:37:47</th><th>DSS-14</th><th>320.47 70.30</th><th>tailed</th><th></th><th>data acquired</th></t<>	330	2027	804	225	13/8/05	OCI	09:15:00	09:37:47	DSS-14	320.47 70.30	tailed		data acquired
331 2028 804 225 13/8/05 OCI 15/59/29 18/21/29 DSS-14 22/29 70.53 failed data acquired 1 orbit rracking number 0 0 0 15/59/29 18/21/29 DSS-14 22/29 70.53 failed 1 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>													
331 2028 804 225 13/8/05 OCI 15/59/29 18/21/29 DSS-14 22/29 70.53 failed data acquired 1 orbit rracking number 0 0 0 15/59/29 18/21/29 DSS-14 22/29 70.53 failed 1 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>													
orbit numberDSN tracking numberday dyperdatestart time (UT) planed/ actualstop time (UT) planed/ actualground actualground stationperformed? target; coordinatesVolume-IDremarks comments332202922513/8/05OCI22:43:1023:05:10NNO125:6070.81performed?O495TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing333203080522614/8/05OCI05:26:0005:48:45 05:25:00DSS-6328.1971.06performedO495TM ON; TM ON; INFON; USTNN13 D1 + 2, AGG 1 + 2 and ME-files found on DDS; found some of the missing files later on DDS334203222614/8/05OCI18:53:77 19:15:5719:15:57 19:15:5719:36:471.57performedO497TM ON; torong one of the missing files later on DDS334203222614/8/05OCI08:06:12 08:10:208:43:12 08:46:00DSS-63359.0172.05performed0497TM ON; cycle slips in X-band335203480622715/8/05OCI08:06:12 08:10:008:43:12 08:46:00DSS-63359.0172.05 19:05:45performed0499TM ON; cycle slips in X-band336203622715/8/05GRV20:05:15 20:05:0920:47:08NNOArsiaMonsperformed0499TM ON, D2 NN13 files missing3362036 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>TM ON; RSR hardware failure, no</th></t<>													TM ON; RSR hardware failure, no
orbit numberDSN tracking numberday dyperdatestart time (UT) planed/ actualstop time (UT) planed/ actualground actualground stationperformed? target; coordinatesVolume-IDremarks comments332202922513/8/05OCI22:43:1023:05:10NNO125:6070.81performed?O495TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing333203080522614/8/05OCI05:26:0005:48:45 05:25:00DSS-6328.1971.06performedO495TM ON; TM ON; INFON; USTNN13 D1 + 2, AGG 1 + 2 and ME-files found on DDS; found some of the missing files later on DDS334203222614/8/05OCI18:53:77 19:15:5719:15:57 19:15:5719:36:471.57performedO497TM ON; torong one of the missing files later on DDS334203222614/8/05OCI08:06:12 08:10:208:43:12 08:46:00DSS-63359.0172.05performed0497TM ON; cycle slips in X-band335203480622715/8/05OCI08:06:12 08:10:008:43:12 08:46:00DSS-63359.0172.05 19:05:45performed0499TM ON; cycle slips in X-band336203622715/8/05GRV20:05:15 20:05:0920:47:08NNOArsiaMonsperformed0499TM ON, D2 NN13 files missing3362036 <t< th=""><th>331</th><th>2028</th><th>804</th><th>225</th><th>13/8/05</th><th>OCI</th><th>15:59:29</th><th>16:21:29</th><th>DSS-14</th><th>222.92 70.53</th><th>failed</th><th></th><th>data acquired</th></t<>	331	2028	804	225	13/8/05	OCI	15:59:29	16:21:29	DSS-14	222.92 70.53	failed		data acquired
orbit numberorbit numbertracking updateMaRs activity(UT) planed/ activityground activityground stationground stationperformed? cacelled?Volume-Dremarks comments332202922513/8/05OCI22:43:1023:05:10NNO125:6070.81performed?O495TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing333203080522614/8/05OCI52:200005:48:45 05:5000DSS-6328.1971.06performedO495TM ON TM ON 14 Performed334203222614/8/05OCI52:600005:50:00DSS-6328.1971.06performedO496TM ON TM ON 14 Performed334203222614/8/05OCI18:53:5719:15:57 19:15:5719:15:57NNO193.6471.57performedO496TM ON TM ON 14 Performed335203480622715/8/05OCI18:53:57 19:15:5719:15:57NNO193.6471.57performedO497TM ON; cycle slips in X-band335203480622715/8/05OCI08:012 08:21:0008:43:12 08:41:00S55.00DSS-63359.0172.05performedO498TM ON; cycle slips in X-band336203622614/8/050CI08:61:2 08:21:0008:45:1008:45:10S55.00DSS-63359.0172.05performedO498TM ON; cycle							start time	stop time					
orbittracking numberday of yeardateMaRS activityplanned/ planned/ground actualground target; coordinatesperformed?Volume-IDremarks comments332202922513/8005OCI22/30:0023/05:00NNO125.6070.81performed?0495TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing333203080522614/805OCI05:26:0005:48:45 05:20:0005:86:328.1971.06performed0496TM ON; TM ON; UM ON; JUST NN13 D1 + 2, AGC 1 + 2 and ME-files found on DDS; found some of the missing files334203222614/805OCI18:50:2219:15:57 19:15:27NNO19:3.6471.57performed0496TM ON; UM ON; JUST NN13 D1 + 2, AGC 1 + 2 and ME-files found on DDS; found some of the missing files334203222614/805OCI18:50:2219:17:29NNO19:3.6471.57performed0496TM ON; cycle slips in X-band335203480622715/805OCI08:06:1208:43:12DS-63359.0172.05performed0497TM ON; cycle slips in X-band335203680622715/805GRV20:05:1520:45:15NNOArsiaMonsperformed0499TM ON; D2 NN13 files missing336203622715/805GRV20:05:1520:47:16NNOArsiaMonsperformed0499TM ON; D2 NN13 files missing			DSN										
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332 2029 225 13/8/05 OCI 22:43:10 23:05:10 NNO 125:60 70.81 performed 0495 TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing 333 2030 805 226 14/8/05 OCI 22:39:00 23:06:00 NNO 125:60 70.81 performed 0495 TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing 333 2030 805 226 14/8/05 OCI 05:26:00 05:48:45 DSS-63 28.19 71.06 performed 0496 TM ON 334 2032 226 14/8/05 OCI 18:53:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:57 19:15:10 08:43:12 08:43:12 04:97 1ater on DDS 335 2034 806 227 15/8/05 OCI 08:46:00 DSS-63 359.01 72.05 performed 0498					data		•	•	•	target: exerctinates		Volumo-ID	romarke commonte
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04:17:00 04:54:10	336	2036		227	15/8/05	GRV	20:00:09	20:47:08	NNO	ArsiaMons	performed	0499	TM ON, D2 NN13 files missing
	000	2000				0				. Hold Horio	portorniou	0.00	
							04.17.00	04.54.10					
337 2037 607 228 16/8/05 061 04:32:00 04:57:00 D55-63 67.42 72.76 performed 0500 1 M ON; cycle slip in X-band	007	0007	007	000	10/0/05	001				67 40 70 70	n orforme e d	0500	
	- 337	2037	807	228	10/8/05		04:32:00	04:57:00	000-03	07.42 72.76	performed	0500	The ON, cycle slip in X-band

					BICOC	nuaro	Solchoc	LADCI				JOON
						00:43:17	01:05:17					
338	2040		229	17/8/05	OCI	00:39:12	01:06:10	NNO	136.04 73.41	performed	0501	TM ON; no MET files
						19:06:59	19:46:59					
339	2043		229	17/8/05	GRV	19:01:00	19:48:00	NNO	PavoniMons	performed	0502	TMON
						10:06:30	10:43:30					
340	2045	809	230	18/8/05	OCI	10:25:00	10:44:00	DSS-15	10.96 74.37	performed	0503	TMON
						start time	stop time					
	orbit	DSN tracking	day of		MaRS	(UT) planned/	(UT) planned/	around		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
						17:05:16	17:27:16					
341	2046		230	18/8/05	OCI	17:01:20	17:28:12	NNO	274.03 74.53	performed	0504	TM ON, D2 NN13 files missing
						23:48:51	00:10:51					
342	2047		230	18/8/05	OCI	23:44:00	00:11:00	NNO	177.36 74.71	performed	0505	TM ON; no MET files
						22:54:54	23:16:54					
343	2054		232	20/8/05	OCI	22:51:00	23:18:00	NNO	219.84 75.60	performed	0506	TM ON, D2 NN13 files missing
344	2057		233	21/8/05	OCI	19:06:07	19:28:07	NNO	289.79 75.83	performed	0507	TM ON, D2 NN13 files missing
												GRV RNG starts earlier than
						23:52:58	00:32:58					planned; no AGC from IFMS 1,
345	2058		233	21/8/05	GRV	23:47:16	00:34:37	NNO	ArsiaMons	performed	0508	Ranging files missing
						08:18:34	08:55:34					
346	2059	813	234	22/8/05	OCI	08:39:00	08:59:00	DSS-63	96.65 75.93	performed	0509	TM ON
						20:02:23	20:42:23					
347	2061		234	22/8/05	GRV	19:56:18	20:43:18	NNO	VallesMarineris	performed	0510	TM ON; no NN13 D2-files
<u>2061</u> 2063		234	22/8/05	OCI	22:01:27	22:23:27					TM ON; no DOP 2 from IFMS 3	
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		234	22/8/05	OCI		22:23:27					TM ONI: no DOD 2 from IEMS 2	
		234	22/8/05			00.00.56	NNO	???	porformed	0511		
2063					21:57:06	22:23:56	ININO	<u> </u>	performed	0511	due to hang up of system	
2063					11:13:00	11:49:00						
	814	235	23/8/05	OCI	11:34:00	11:54:00	DSS-14	???	performed	0512	TM ON	
					start time	stop time						
orbit		day of		MaRS	(UT) planned/	(UT) planned/	ground		performed?			
number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments	
0005		005	00/0/05		22:54:39	23:34:59		Description		0540		
2065		235	23/8/05	GRV	22:47:04	23:36:26	NNO	Pavoniivions	performed	0513	TM ON, D2 NN13 files missing	
					00.50.00	01.10.00					TM ON; problems with IFMS 3:	
2065		236	24/8/05	OCI			NNO	???	performed	0514	Doppler measurements three minutes late in starting	
									p			
		236	24/8/05	BSR	06:00:00	14:00:00	DSS-63	???	performed	0515	TM ON	
											uplink-frequency in header in	
					21:07:30	21:29:30					NN12, NN13, uplink-frequency	
2068		236	24/8/05	OCI	21:03:37	21:30:22	NNO	307.34 75.80	performed	0516	corrected in NN13_NN12	
					00.00.00	04-40-44						
2069	816	237	25/8/05	OCI			DSS-63	210.98 75.71	performed	0517	TM ON; cycle slip in X-band	
									•			
	816	237	25/8/05	BSR	06:00:00	14:00:00	DSS-63	???	unknown	0518	TM ON	
0071		007		001	17:18:52	17:40:52				0510	THON	
2071		237	25/8/05	OCI	17:15:01	17:42:08	NNO	17.73 75.51	performed	0519	TM ON	
					00.00.42	00.24.42					TM ON D2 NN112 files missing	
2072		237	25/8/05	OCI			NNO	280.79 75.42	performed	0520	TM ON, D2 NN13 files missing; much noise in S-Band	
	2065 2065 2065 2068 2069 2069	number number 2065	orbit tracking day of year 2065 2.35 2065 2.35 2065 2.35 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.36	orbit tracking day of date date 2065 235 23/8/05 2065 236 24/8/05 2068 236 24/8/05 236 24/8/05 236 24/8/05 236 24/8/05 2068 237 25/8/05 2071 25/8/05	orbit tracking day of year date MaRS activity 2065 235 23/8/05 GRV 2065 236 24/8/05 OCI 2065 236 24/8/05 BSR 2068 236 24/8/05 BSR 2068 236 24/8/05 OCI 2068 236 24/8/05 OCI 2068 236 24/8/05 OCI 2069 816 237 25/8/05 OCI 2071 2816 237 25/8/05 DSR	orbit numberDSN tracking numberday of yearMaRS date(UT) planned/ activity2065International Internat	DSN number DSN tracking number day of year MaRS date (UT) planned/ actual (UT) planned/ actual 2065 236 235 23/8/05 GRV 22:54:39 23:34:59 2065 236 236 23/8/05 GRV 22:47:04 23:36:26 2065 236 24/8/05 OCI 00:56:30 01:18:30 2065 236 24/8/05 BSR 06:00:00 14:00:00 2068 236 24/8/05 BSR 06:00:00 14:00:00 2069 816 237 25/8/05 OCI 03:36:00 04:13:14 2069 816 237 25/8/05 BSR 06:00:00 14:00:00 2069 816 237 25/8/05 BSR 06:00:00 14:00:00 2069 816 237 25/8/05 BSR 06:00:00 14:00:00 2071 816 237 25/8/05 BSR 06:00:00 14:00:20 2071 816 237	DSN number DSN tracking number day of year Marsation date (UT) planned/ actual 2065 235 235 235 GRV 22:54:39 22:47:04 23:35:26 NNO 2065 236 24/8/05 OCI 00:51:06 01:19:09 NNO 2068 24/8/05 BSR 06:00:00 14:00:00 DSS-63 2069 816 237 25/8/05 BSR 06:00:00 04:13:14 04:16:00 DSS-63 2069 816 237 25/8/05 BSR 06:00:00 14:00:00 DSS-63 2071 816 237 25/8/05 BSR 00:02:43 00:24:43 NNO	DSN number DSN vacking number day gean MaRS date (UT) planned/ actual (UT) planned/ actual ground station mars larget; coordinates 2065 2.3 2.35 23/8/05 GRV 22:57:39 22:47:04 23:36:26 NNO PavoniMons 2065 2.36 2.36 2.36 0.01:18:30 0.01:119:09 NNO PavoniMons 2065 2.36 2.36 2.4/8/05 OCI 00:56:30 0.01:119:09 NNO PavoniMons 2065 2.36 2.4/8/05 DSR 06:00:00 11:19:09 NNO PavoniMons 2068 2.36 2.4/8/05 DSR 06:00:00 14:00:00 DSS-63 ??? 2069 816 2.37 2.5/8/05 OCI 03:36:00 04:13:14 04:16:00 DSS-63 210.98 ??? 2071 816 2.37 2.5/8/05 BSR 06:00:00 14:00:00 DSS-63 ???? 2071 816 2.37 2.5/8/05 DSC 17:18:52 17:40:52 NNO	orbit umbeUSN umbeday of uardMage dateMage activity(UT) planned/ actualground stationarget; coordinatesperformed? cancelled?20651.3.22.352.352.3.34:59NNOPavoniMonsperformed?20652.3.32.3.32.3.34:59NNOPavoniMonsperformed?20652.3.42.3.40.5.50.118:30NNOPavoniMonsperformed?20652.3.62.3.60.5.50.118:30NNO???performed?20662.3.62.4.8/05BSR0.60:0014:00:00DSS-63???performed20682.3.62.4.8/05BSR0.60:0014:00:00DSS-63???performed20693.6.62.3.62.4.8/05OCI21:07:3021:29:30NNO307.3475.80performed20698.162.3725/8/05OCI0.3.36:0004:13:14DSS-6321.9.975.71performed20713.6162.3725/8/05BSR0.60:00:0014:00:00DSS-63???unknown20733.6162.3725/8/05BSR0.60:00:0014:00:00DSS-63???unknown20743.6162.3725/8/05BSR0.60:00:0014:00:00DSS-63???unknown20743.6162.3725/8/05BSR0.60:00:0014:00:00DSS-63???unknown20753.616 <td>orbit numberDSN tracking updateday dateMaRS activity(UT) planned/ actualground stationground stationground stationperformed? performed?Volume-ID20652.352</td>	orbit numberDSN tracking updateday dateMaRS activity(UT) planned/ actualground stationground stationground stationperformed? performed?Volume-ID20652.352	

				01033	naulo -			Intern - Oci			OOK
2073	817	238	26/8/05	OCI	06:31:38 06:52:00	07:08:38 07:12:00	DSS-63	184.15 75.29	performed	0521	TM ON
2075	817	238	26/8/05	BSR	15:36:00	17:28:00	DSS-14		performed	0522	TM ON; RSPC_Priority_3
											RSPC_Priority_3; S-band has an
0075		000			20:14:14	20:36:14		050 70 75 00	a suf surs s d	0500	increased noise level $(1\sigma \sim 1.7)$
2075		238	26/8/05				NNO	350.76 75.00	performed	0523	Hz) and shows spikes up to ~ 8
	DSN				(UT)	(UT)					
orbit number	tracking number	-	date	MaRS activity	planned/ actual	planned/ actual	-	target: coordinates		Volume-ID	remarks comments
		-		-							
					00:48:28	01:08:57					TM ON; no CL- and RG-files; no
2076		239	27/8/05	GRV	00:42:43	01:10:11	NNO	PavoniMons	performed	0524	NN13 D2-files
					02:42:00	03:19:55					
2076	818	239	27/8/05	OCI	03:03:00	03:23:00	DSS-63	253.92 74.86	performed	0551	TM ON; cycle slip in X-band
2078	818	239	27/8/05	BSB	12.06.30	14.36.14	DSS-14		performed	0525	TM ON; RSPC Priority 1
2070	010	200	21/0/03	DOIT	12.00.00	14.00.14	000 14		penonned	0020	
					23.09.25	23:31:25					
2079		239	27/8/05	OCI	23:05:09	23:33:07	NNO	323.28 74.34	performed	0526	TM ON
											X-Band: 5240240A.ODF
					03:25:38	04:20:38					S-Band: 5240240B.ODF
2080	819	240	28/8/05	GRV	03:25:53	06:13:32	DSS-63	ArsiaMons	performed	0527	TM ON
2080	819	240	28/8/05	001			DSS-62	226 57 74 11	performed	0528	TM ON
2000	019	240	20/0/05		00.00	00.10.00	000-00	220.37 74.11	penonneu	0520	
					19:20:57	19:42:57					
2082		240	28/8/05	OCI	19:17:12	19:44:05	NNO	32.68 73.68	performed	0529	TM ON
	2075 2075 0rbit number 2076 2076 2078 2078	2075 817 2075 DSN corbit racking number 818 2076 818 2076 818 2076 818 2076 818 2076 818 2076 818 2076 818 2078 818 2079 9 2080 819	207381723820758172382075238238corbit numberDSN tracking number239207681823920768182392076818239207881823920792392392079239239207923923920792392392079239240	207381723826/8/05207581723826/8/05207523826/8/050rbitDSN tracking umbe43926/8/052076A tracking umbe23927/8/05207681823927/8/05207881823927/8/0520794 tracking tracking23927/8/05207881823927/8/0520794 tracking tracking23927/8/0520794 tracking tracking23927/8/0520794 tracking tracking23927/8/05208081924028/8/05	207381723826/8/05OCI207581723826/8/05BSR207523826/8/05OCI207523826/8/05OCI0rbitDSN tracking numberday of yeardate207623927/8/05GRV207681823927/8/05OCI207881823927/8/05GRV207881823927/8/05OCI207881823927/8/05GRV207881823927/8/05OCI207923923/8/05AGRV208081924028/8/05GRV	207381723826/8/05OCI06:31:38 06:52:00207581723826/8/05BSR15:36:00207581723826/8/05BSR20:14:14 20:10:172075223826/8/05OCI20:14:14 20:10:17orbit numbeDSN racking numbe23826/8/05OCI20:14:14 20:10:17orbit numbeDSN racking numbe23826/8/05MARS20:14:14 20:10:172076DSN racking numbe23927/8/05GRW00:48:28 00:42:43207681823927/8/05BSR12:06:30207881823927/8/05BSR12:06:30207881823927/8/05BSR23:09:252079381824023:80GRW33:25:38 3:25:38208081924028/8/05GRW35:38:00 3:25:38208081924028/8/05GRW55:38:00 3:25:38	207381723826/8/05And ActionAnd ActionAnd Action207581723826/8/05BSR15:36:0017:28:00207581723826/8/05BSR15:36:0017:28:00207523826/8/05OCI20:14:14 20:101720:36:14 20:37:172075DSN tracking umber23826/8/05And Activity20:14:14 20:101720:36:14 20:37:172075DSN tracking year23826/8/05And ActivityStart time (UT) planned/ actualStop time (UT) planned/ actual2076DSN tracking year23927/8/05GRVA0:48:28 00:48:28O1:08:57 01:10:11207781823927/8/05BSR12:06:3003:19:55 03:23:00207881823927/8/05BSR12:06:3014:36:14 23:30:02207981823927/8/05BSR12:06:3014:36:14 23:30:022079Asta23927/8/05BSR12:06:3014:36:14 23:30:022079Asta23927/8/05BSR30:25:3804:20:38 36:13:322080Sata24028/8/05Act30:25:3806:15:13 36:13:322080Sata24028/8/05Act30:25:3806:15:13 36:13:322080Sata24028/8/05Act30:25:3806:15:13 36:13:32	2073 817 238 26/8/05 OCI 06:31:38 07:08:38 DSS-63 2075 817 238 26/8/05 BSR 15:36:00 17:28:00 DSS-14 2075 817 238 26/8/05 BSR 15:36:00 17:28:00 DSS-14 2075 817 238 26/8/05 OCI 20:14:14 20:30:14 20:37:17 NNO 2076 DSN racking day of gave date MaRS 20:14:14 20:30:14 20:37:17 gnud 2076 DSN day of gave date MaRS 20:14:14 20:37:17 gnud ground 2076 DSN day of gave date MaRS 20:14:14 20:37:17 gnud ground 2076 DSN day of gave date MaRS 00:48:28 01:08:57 NNO 2076 818 239 27/8/05 GRV 02:42:00 03:19:55 DSS-63 2078 818 239 27/8/05 BSR 12:06:30 14:36:14 DSS-14 2079 818 239	207381723826/8/05OCI06:31:38 06:52:0007:08:38 07:12:00DSA DSA:4184.1575.29207581723826/8/05BSR15:36:0017:28:00DSS-14 $$	2073817238268/05OCI06:31:38 06:52:0107:08:38 07:12:00DSS-63184.1575.29performed207581723826/8/05BSR15:36:0017:28:00DSS-14	2073 817 238 268 05 OCI 065200 07.12:00 DS A5 184.15 75.29 performed 0521 2075 817 238 268.05 BSR 15.36:00 17.28:00 DSS.14

								-	MTP 16		<u></u>	
								start o	f MTP 17			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
368	2085	820	241	29/8/05	GRV	13:16:09 13:01:22	13:56:09 13:56:09	DSS-14	Hellas	performed	0530	X-Band: 5241241A.ODF S-Band: 5241241B.ODF TM ON; cycle slip in X-band
369	2086		241	29/8/05	OCI	22:16:30	22:38:30	NNO	4.30 72.75	performed	0531	TM ON, D2 NN13 files missing
370	2089		242	30/8/05	OCI	18:27:54	18:49:54	NNO	72.73 71.98	performed	0532	TM ON, D2 NN13 files missing
371	2091		243	31/8/05	BSR	03:58:00	04:58:00	DSS-63	-86.72 -89.75	performed	0533	TM ON; target: South Pole
372	2091	822	243	31/8/05	OCI	07:55:43 08:00:00	08:17:43 08:20:00	DSS-14	238.26 71.40	failed		TM ON; Signal outside 2 KHz bandwidth (information from Sami Asmar)
373	2093		243	31/8/05	OCI	21:23:32 21:21:05	21:45:32 21:46:22	NNO	43.61 70.81	performed	0534	TM ON
374	2095	823	244	1/9/05	OCI	10:51:29 10:55:00	11:13:29 11:15:00	DSS-14	208.73 70.23	performed	0535	TM ON
375	2096		244	1/9/05	OCI	17:35:17 17:31:00	17:57:17 17:58:00	NNO	111.28 69.93	performed	0536	TM ON
376	2097		245	2/9/05	OCI	00:19:16 00:15:00	00:41:16 00:42:00	NNO	13.83 69.93	performed	0537	TM ON

					h1622	naulu		<u> Lvhci</u>	iment - Scie	TICE OPEN	anona Logi	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
377	2098	824	245	2/9/05	GRV	04:36:12 04:21:21	05:16:12 07:23:08	DSS-65	PavonisMons	performed	0538	X-Band: 5245245B.ODF S-Band: 5245245C.ODF TM ON; cycle slips in s- & X-band
378	2098	824	245	2/9/05	OCI	07:03:00 07:08:00	07:25:00 07:28:00	DSS-63	276.34 69.30	partially performed	0539	TM ON; No X- and S-band files with sample rate 1 per sec
379	2100		245	2/9/05	OCI	20:30:47 20:26:22	20:52:47 20:54:10	NNO	81.28 68.65	performed	0540	TM ON; no NN13 files
380	2102		246	3/9/05	GRV	07:28:24	08:08:24	GST (MAD)	TharsisRidge	cancelled by MPS		TM ON; cancelled due to station equipment over allocation
381	2102		246	3/9/05	OCI	09:58:42	10:20:42	MAD (GST)	246.17 67.96	cancelled by MPS		TM ON; cancelled due to station equipment over allocation
382	2103		246	3/9/05	OCI	16:42:38	17:04:38	NNO	148.53 67.63	failed		TM ON; no files found on DDS
383	2105	826	247	4/9/05	GRV	03:37:51 03:22:59	04:17:51 06:30:43	DSS-65	VallesMarineris	performed	0541	X-Band: 5247247A.ODF S-Band: 5247247B.ODF TM ON; cycle slips in X-band
384	2105	826	247	4/9/05	OCI	06:10:33 06:15:00	06:32:33 06:35:00	DSS-65	313.15 66.98	performed	0542	TM ON; cycle slips X-band
385	2107		247	4/9/05	OCI	19:38:26 19:33:00	20:00:26 20:01:00	NNO	117.79 66.27	performed	0543	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

					01033	riddio (Jerenee					
386	2109	827	248	5/9/05	OCI	09:06:14 09:10:00	09:28:14 09:30:00	DSS-14	282.34 65.57	performed	0544	TM ON
387	2111		248	5/9/05	GRV	19:56:17	20:36:17	MAD	Huygens	partially performed	0545	TM ON; no files with sample rate 1 per sec
388	2111		248	5/9/05	OCI	22:34:04	22:56:04	NNO	86.80 64.85	performed	0546	TM ON, D2 & G1 NN13 files missing
389	2113	828	249	6/9/05	BSR	07:57:59	08:57:59	DSS-63	-52.90 -87.10	performed	0547	TM ON; target: ResSthPolCap
390	2114		249	6/9/05	OCI	18:46:03 18:41:00	19:08:03 19:09:00	NNO	153.37 63.73	performed	0548	TM ON; S-band has an increased noise level $(1\sigma \sim 1.83 \text{ Hz})$ and shows spikes.
391	2118		250	7/9/05	GRV	18:57:57	19:37:57	MAD	Hellas	partially performed	0549	TM ON; no files with sample rate 1 per sec
392	2118		250	7/9/05	OCI	21:41:57 21:37:00	22:03:57 22:04:00	NNO	121.83 62.28	performed	0550	TM ON; NN11 D1 & D2 missing
393	2119		251	8/9/05	OCI	04:26:00	04:48:00	MAD	23.93 61.89	cancelled by MPS		TM ON; cancelled due to station equipment over allocation
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
394	2121		251	8/9/05	OCI	17:53:49 17:49:00	18:15:19 18:16:00	NNO	188.09 61.16	performed	0552	band has an increased noise level (1 σ ~1.75 Hz) and shows spikes.
395	2122		251	8/9/05	GRV	21:50:17 21:44:00	22:30:17 22:40:00	NNO	Huygens	performed	0553	TM ON

					DICOC	TIGGIC	Colonic					
												TM ON; S-band has an increased
						20:49:43	21:11:43					noise level (1 σ ~0.163 Hz) and
396	2125		252	9/9/05	OCI	20:45:00	21:12:00	NNO	156.23 59.65	performed	0554	shows spikes.
						03:33:46	03:55:46					
397	2126	832	253	10/9/05	OCI	03:39:00	03:59:00	DSS-63	58.26 59.24	performed	0555	TM ON; cycle slip in X-band
										partially		TM ON; no S- & X-band files with
398	2127	832	253	10/9/05	GRV	07:25:51	08:05:51	DSS-14	VallesMarineris	performed	0556	sample rate 1 per sec
					0.111					periorited		
						00.45.44	00.07.44					
399	2129		253	10/9/05	OCI	23:45:41 23:42:00	00:07:41 00:08:00	NNO	124.15 58.17	performed	0557	TM ON
399	2129		203	10/9/05		23.42.00	00.00.00		124.15 50.17	penonneu	0557	
						16:09:36	16:31:36					
400	2135		255	12/9/05	OCI	16:06:00	16:32:00	NNO	255.85 55.85	performed	0558	TM ON
						19:05:41	19:27:41					
401	2139		256	13/9/05	OCI	19:00:52	19:28:29	NNO	223.38 54.41	performed	0559	TM ON, D2 NN13 files missing
						22:46:03	23:26:03					
402	2140		256	13/9/05	GRV	22:39:30	23:26:45	NNO	Hellas	performed	0560	TM ON; NN11 G1 & G2 missing
						start time	stop time					
	orbit	DSN			MaRS	(UT)	(UT)	awa wa d		n aufa una a d0		
	number	tracking number	day of year	date	activity	planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
			-									HVI ON, DZ WINTS mes missing, S-
						22:01:27	22:23:27					band has an increased noise level (1 σ ~0.121 Hz) and shows
403	2143		257	14/9/05	OCI	22:01:27	22:23:27	NNO	190.86 52.98	performed	0561	spikes.
403	2140		237	14/3/03	001	21.57.00	22.24.00		130.00 32.90	penomeu	0301	TWON, DZ INN 13 Tiles missing;
												NN12 has a sampling rate of 1/s
	0.1.10		0.50		0.01	18:13:27	18:35:27				0700	but NN11 has a sampling rate of
404	2146		258	15/9/05	OCI	18:09:00	18:36:00	NNO	256.42 51.83	performed	0562	10/s.
						21:09:28	21:31:28					
405	2150		259	16/9/05	OCI	21:05:00	21:30:00	NNO	223.66 50.46	performed	0563	TM ON, D2 NN13 files missing

406	2153		260	17/9/05	OCI	17:21:12	17:43:12	NNO	289.12 49.43	performed	0564	TM ON, D2 NN13 files missing
407	2157		261	18/9/05	OCI	20:17:08	20:39:08	NNO	256.26 48.05	performed	0565	band has an increased noise level $(1\sigma \sim 0.168 \text{ Hz})$ and shows spikes.
	2107		201	10/0/00	001	03:01:04	03:23:04		200.20 40.00	penonneu		
408	2158	841	262	19/9/05	OCI	03:06:00	03:26:00	DSS-63	158.02 47.48	performed	0566	TM ON
409	2161		262	19/9/05	OCI	23:13:02 23:08:00	23:32:02 23:36:00	NNO	223.28 46.81	performed	0567	TM ON; no NN13 and NN12_G1&G2 files
410	2171		265	22/9/05	OCI	18:32:11	18:54:52	NNO	320.72 43.85	cancelled by MPS		TM ON; Safe Mode Recovery Day
411	2175		266	23/9/05	OCI	21:27:40 21:26:00	21:49:13 21:50:00	NNO	287.63 42.76	performed	0568	operator was unable to achieve solid lock on the S-Band Downlink with either
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
						17:00:10	10:01:10					band has an increased noise level $(1\sigma \sim 0.137 \text{ Hz})$ and shows
412	2178		267	24/9/05	OCI	17:39:19 17:35:00	18:01:19 18:02:00	NNO	352.74 42.05	performed	0569	spikes.
	2182		268	25/9/05	OCI	20:34:47 20:31:00	20:56:47 20:57:00	NNO	319.53 41.11	performed	0570	TM ON
								end of	F MTP 17			
								start o	f MTP 18			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

					DICOC	TIGGIO (Sololio					
						18:10:36	19:15:04					
414	2189		270	27/9/05	GRV	18:04:00	19:06:00	NNO	global	performed	0571	
						19:41:28	20:03:28					
415	2190		270	27/9/05	OCI	19:37:00	20:04:00	NNO	351.35 39.72	performed	0572	
						10 50 00						
410	0102		271	28/9/05	GRV	18:50:32 18:44:00	19:30:32 19:31:00	NNO		n orform od	0573	
410	2193		2/1	26/9/00	GRV	16.44.00	19.31.00			performed	0573	TM ON; uplink_window
417	2194		271	28/9/05	OCI	22:36:39	22:58:39	NNO	318.04 39.02	performed	0574	
418	2202	853	274	1/10/05	BSR	08:04:00	09:04:00	DSS-14	118.87 49.54	performed	0575	TM ON; UtopiaPlantia
						17:54:06	18:16:06					
419	2204		274	1/10/05	OCI	17:50:00	18:16:00	NNO	54.68 37.65	performed	0576	
-10				1/10/00	001	17.00.00	10.10.00		04.00 07.00	periornica	0070	TIVI ON; UPIINK_WINdow; ONIY
												NN11 files; two single peaks in X-
400	0014		077	4/4.0/05		15.55.00	10.05.00			a sufferment of	0577	band observed frequency and
420	2214		277	4/10/05	GRV	15:55:26	16:35:26	NNO		performed	0577	AGC; archive only NN11 D1
						17:28:43	17:44:21					TM ON; only NN11 without AGC;
421	2218		278	5/10/05	OCE	17:40:00	22:29:00	NNO	???	performed	0578	OCE-test
												on DDS; S-band very noisy; short
												loss of lock at the beginning of
422	2221		279	6/10/05	GRV	14:57:02	15:37:02	NNO		performed	0579	the measurement
423	2232		282	9/10/05	GRV	16:50:56	17:30:56	NNO		performed	0580	TM ON; uplink window
						start time	stop time					
		DSN				(UT)	(UT)					
	orbit	tracking	day of		MaRS	planned/	planned/	ground		performed?	V-I D	
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments

424	2236		283	10/10/05	GRV	19:43:14	20:23:14	NNO		performed	0581	TM ON; uplink_window
425	2237	863	284	11/10/05	GRV	02:26:24 02:11:37	03:06:24 03:06:24	DSS-63		performed	0582	X-Band: 5284284C.ODF S-Band: 5284284B.ODF TM ON; uplink_window
426	2250		287	14/10/05	GRV	17:46:15	18:26:15	NNO	Hellas	performed	0583	TM ON
427	2261		290	17/10/05	GRV	19:39:57	20:19:57	NNO	Hellas	performed	0584	TM ON
428	2267	871	292	19/10/05	BSR	13:00:00	14:00:00	DSS-14	-151.30 47.41	performed	0585	TM ON; ArcadiaPlantia
								end of	MTP 18			
		T	r	1		ī		start o	f MTP 19		1	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
429	2294	879	300	27/10/05	GRV	01:20:48	02:00:48	DSS-63	Hellas	partially performed	0586	TM ON; no files with sample rate 1 per sec
430	2308	882	304	31/10/05	BSR	00:44:00	01:44:00	DSS-63	135.07 47.16	performed	0587	TM ON; VL2
431	2310		304	31/10/05	GRV	12:49:39 12:41:00	13:29:39 13:38:00	NNO		performed	0588	TM ON; uplink
432	2314		305	1/11/05	GRV	15:41:54 15:36:00	16:21:54 16:24:00	NNO	ClaritasFossaeS E	failed		TM ON; only NN11-files

					01033	TIUMIC (JON
433	2325	888	308	4/11/05	BSR	18:43:54	19:43:54	DSS-63	-94.82 41.54	performed	0589	TM ON; AlbaPatera
434	2339		312	8/11/05	GRV	15:38:08 15:32:00	16:18:08 16:19:00	NNO		performed	0590	TM ON; uplink
435	2342 / 2343		313	9/11/05	GRV	13:58:55	16:21:48	NNO	global	cancelled by MPS		only had a 40 minute pass, from 16:00z without uplink or any radiometric measurements.
436	2343 / 2344	893	313	9/11/05	GRV	21:04:26 20:49:39	23:00:26 23:00:27	DSS-63	global	performed	0591	X-Band: 5313314B.ODF S-Band: 5313313BD.ODF TM ON; cycle slips in X-band
437	2346 / 2347		314	10/11/05	GRV	16:51:10 16:44:45	18:38:35 18:40:02	NNO	global	performed	0592	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
438	2349 / 2350		315	11/11/05	GRV	13:00:18	15:24:49	NNO	global	cancelled by MPS		begin track until 16:33z, with carrier up at 18:27z. day were not flagged as Radio Science.
439	2351 / 2352	896	316	12/11/05	GRV	02:26:24 02:11:35	04:51:25 04:51:27	DSS-65	global	performed	0593	X-Band: 5315316A.ODF S-Band: 5316316A.ODF TM ON;
440	2358	897	317	13/11/05	GRV	23:27:51 23:16:47	23:56:21 03:54:37	DSS-65		performed	0594	X-Band: 5317318B.ODF S-Band: 5317318A.ODF TM ON; uplink; cycle slips in S- & X-band
441	2358 / 2359		318	14/11/05	GRV	01:27:54	03:54:36	DSS-65	global	failed	0595	TM ON; GS changed to DSS-65 according to file content
442	2361		318	14/11/05	GRV	19:28:27	19:45:53	NNO		cancelled by MPS		TM ON; uplink; cancelled because xTx is off due to power reasons

	0001 /											TM ONL OD shares day DOO 65
443	2361 / 2362	898	318	14/11/05	GRV	21:37:00	00:04:32	DSS-65	global	failed	0596	TM ON; GS changed to DSS-65 according to file content
	2367 /					13:55:26	16:24:28				0507	ти он
444	2368		320	16/11/05	GRV	13:49:37	16:25:37	NNO	global	performed	0597	TM ON
						14:40:08	15:16:08					
445	2371		321	17/11/05	GRV	14:34:21	15:17:17	NNO	global	performed	0598	TM ON
446	2371 / 2372		321	17/11/05	GRV	16:47:41	19:20:10	NNO	global	performed	0599	TM ON
-+-0	LOTL		021		GITY	start time	stop time		giobai	performed	0000	
	orbit	DSN tracking	day of		MaRS	(UT) planned/	(UT) planned/	ground		performed?		
	number	number	year	date	activity	actual	actual	station	target; coordinates	cancelled?	Volume-ID	remarks comments
												X-Band: 5322322C.ODF
447	2373 / 2374	902	322	18/11/05	GRV	06:13:47 05:59:55	08:44:25 08:44:26	DSS-14	global	performed	0600	S-Band: 5322322B.ODF TM ON; cycle slip in X-band
									9.000			
										cancelled by		TM ON; cancelled because xTx is
448	2377		323	19/11/05	OCI	04:56:29	05:16:29	GST	286.42 64.78	MPS		off due to power reasons
						11.07.54	11.50.54					
449	2378	903	323	19/11/05	OCI	11:37:54 11:43:00	11:59:54 12:03:00	DSS-14	187.83 64.82	performed	0601	TM ON; cycle slips in X-band
						15:49:10	17:51:39					TM ON; sampling rate of IFMS2
450	2378		323	19/11/05	GRV	15:39:00	17:52:00	NNO	global	performed	0602	and 3 is 10 samples per second
						18:21:09	18:43:09					
451	2379		323	19/11/05	OCI	18:16:00	18:44:00	NNO	89.06 64.94	performed	0603	TM ON
450	0004		204	00/11/05	001	07.47.54	00.00.51	COT	051 70 05 11	cancelled by		TM ON; cancelled because xTx is
452	2381		324	20/11/05	OCI	07:47:51	08:09:51	GST	251.70 65.11	MPS		off due to power reasons

					P1000				Intent - Scie			
	2381 /											
453	2382		324	20/11/05	GRV	11:58:24	14:01:14	NNO	global	performed	0604	TMON
	2002		024	20/11/00		11.00.24	14.01.14		giobai	penonneu	0004	
454	2382		324	20/11/05	OCI	14:31:14	14:53:14	NNO	153.07 65.17	performed	0605	TM ON
455	2382 / 2383	904	324	20/11/05	GRV	20:11:26 19:41:30	21:14:29 21:14:30	DSS-63	global	performed	0606	X-Band: 5324325A.ODF S-Band: 5324324A.ODF TM ON; GS changed to DSS-63 according to file content
								end of	MTP 19			
			r	1		1		start o	f MTP 20			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
456	2385		325	21/11/05	OCI	10:41:12	11:03:12	NNO	217.14 65.38	performed		measurement. Data show a noise of 1.5 - 2 Hertz. 1-way, Signal outside 2 KHz bandwidth
457	2385/ 2386		325	21/11/05	GRV	14:50:38	17:09:33	NNO	global	performed	0607	TM ON
458	2386		325	21/11/05	OCI	17:24:33	17:46:33	NNO	118.41 65.47	performed	0608	TM ON
459	2387	905	326	22/11/05	OCI	00:07:57 00:12:00	00:29:57 00:31:00	DSS-63	19.81 65.52	performed	0609	TM ON
460	2387/ 2388	906	326	22/11/05	GRV	04:16:48 04:02:03	06:21:13 06:21:13	DSS-14	global	performed	0610	X-Band: 5326326B.ODF S-Band: 5326326A.ODF TM ON
461	2389		326	22/11/05	OCI	13:34:35 13:30:00	13:56:35 13:57:00	NNO	182.55 65.64	performed	0611	TM ON

462	2390/ 2391	907	327	23/11/05	GRV	00:58:34 00:47:13	02:01:00 03:21:19	DSS-63	global	performed	0612	X-Band: 5327327C.ODF S-Band: 5327327B.ODF TM ON; cycle slips in X-band
463	2391	906	327	23/11/05	OCI	03:01:00 03:07:00	03:23:00 03:27:00	DSS-63	345.29 65.78	performed	0613	TM ON; cycle slips in X-band
464	2391/ 2392		327	23/11/05	GRV	07:08:30	09:13:55	GST	global	partially performed	0614	TM ON; no S- & X-band files with sample rate 1 per sec
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
465	2393		327	23/11/05	OCI	16:27:21 16:23:00	16:49:21 16:50:00	NNO	148.14 65.88	performed	0615	some spurious signal, therefore huge offset in D1 and AGC2. (see email from Marco Lanucara);
466	2393/ 2394		327	23/11/05	GRV	20:55:49	22:55:29	MAD	global	failed	0616	TM ON; no files with sample rate 1 per sec
467	2394		327	23/11/05	OCI	23:10:29	23:32:29	MAD	49.56 65.95	partially performed	0617	TM ON; no files with sample rate 1 per sec
468	2394/ 2395		328	24/11/05	GRV	04:15:42	05:38:43	GST	global	failed		TM ON; no files with sample rate 1 per sec
469	2395		328	24/11/05	OCI	05:53:43	06:15:43	GST	310.93 66.01	partially performed	0619	TM ON; no files with sample rate 1 per sec
470	2399/ 2400		329	25/11/05	GRV	12:51:51 12:46:00	15:14:52 14:31:00	NNO	global	performed	0620	TMON
471	2400		329	25/11/05	OCI	15:29:52 15:26:00	15:51:52 15:53:00	NNO	178.26 66.18	performed	0621	HM ON; large onset of about -690 Hz (-150 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco Lanucara).

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472	2401	909	329	25/11/05	OCI	22:13:02 21:59:18	22:35:02 22:33:15	DSS-63	79.65 66.25	performed	0622	X-Band: 5329330A.ODF S-Band: 5329329A.ODF TM ON; No S-band signal. Originally scheduled 1-way;
473	2402	910	330	26/11/05	OCI	04:56:20 04:41:48	05:18:20 05:16:34	DSS-14	341.16 66.27	performed	0623	X-Band: 5330330B.ODF S-Band: 5330330A.ODF TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
474	2403		330	26/11/05	OCI	11:39:28 11:36:00	12:01:28 11:56:00	NNO	242.64 66.31	performed	0624	HVI ON; large onset of about -740 Hz (-830 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco Lanucara).
475	2404		330	26/11/05	OCI	18:22:44 18:19:00	18:44:44 18:46:00	NNO	144.10 66.34	performed	0625	Harden, large onset of about 940 Hz (-830 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco Lanucara).
476	2405	910	331	27/11/05	OCI	01:05:53 00:51:06	01:27:53 01:26:08	DSS-65	45.58 66.38	performed	0618	X-Band: 5331331D.ODF S-Band: 5331331B.ODF TM ON
477	2405/ 2406	911	331	27/11/05	GRV	05:09:24 04:55:47	07:34:09 08:09:29	DSS-14	global	performed	0626	X-Band: 5331331C.ODF S-Band: 5331331A.ODF TM ON
478	2406	911	331	27/11/05	OCI	07:49:09 4:55:47	08:11:09 08:09:29	DSS-14	307.02 66.43	performed	0627	X-Band: 5331331C.ODF S-Band: 5331331A.ODF TM ON
479	2406/ 2407		331	27/11/05	GRV	11:52:20 11:46:00	14:17:21 13:33:00	NNO	global	performed	0628	
480	2407		331	27/11/05	OCI	14:32:21 14:29:00	14:54:21 14:55:00	NNO	208.64 66.41	performed	0629	Hist ON; large onset of about -280 Hz (-80 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco Lanucara).
481	2410		332	28/11/05	OCI	10:42:06 10:34:00	11:04:06 11:04:00	NNO	273.12 66.50	performed	0630	HX (-990 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO (email von Marco

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482	2411		332	28/11/05	OCI	17:25:24 17:26:00	17:47:24 17:50:00	NNO	174.69 66.50	performed	0631	Hz (-770 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO (email von Marco
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
483	2413		333	29/11/05	OCI	06:51:54	07:13:54	GST	337.74 66.55	partially performed	0632	TM ON; no files with sample rate 1 per sec
484	2413/ 2414		333	29/11/05	GRV	10:53:00 10:47:00	13:20:04 12:36:00	NNO	global	performed	0633	large offset of about -80 Hz (-370 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO (email von
485	2414		333	29/11/05	OCI	13:35:04 13:31:00	13:57:04 13:58:00	NNO	239.29 66.57	performed	0634	TM ON, NN13 D2 files missing
486	2415/ 2416	913	334	30/11/05	GRV	00:18:52 00:04:02	02:46:32 03:21:43	DSS-65	global	performed	0635	X-Band: 55334334C.ODF S-Band: 5334334B.ODF TM ON
487	2416	913	334	30/11/05	OCI	03:01:32 03:07:00	03:23:32 03:27:00	DSS-65	42.38 66.60	performed	0636	TM ON
488			334	30/11/05	OCI	09:47:06 09:42:00	10:06:49 10:08:00	NNO	303.94 66.62	performed	0637	TM ON
489			334	30/11/05	OCI	16:28:03 16:20:00	16:50:03 16:51:00	NNO	205.59 66.60	performed	0638	TM ON
490	2419/		335	1/12/05	GRV	03:10:41	04:40:41	GST	global	partially	0639	TM ON; no S- & X-band files with sample rate 1 per sec
491			335	1/12/05	OCI	05:54:36	06:16:36	GST	8.78 66.61	partially performed	0640	TM ON; no S- & X-band files with sample rate 1 per sec

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	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
492	2421/ 2422		335	1/12/05	GRV	16:36:36 16:30:00	18:13:04 18:14:00	NNO	global	performed	0641	TM ON
493	2422/	915	335	1/12/05	GRV	23:19:34 23:04:45	01:49:23	DSS-65	global	performed	0642	X-Band: 5335336C.ODF S-Band: 5335336B.ODF TM ON
494		915	336	2/12/05	OCI	02:04:23 02:09:29	02:26:23 02:29:00	DSS-65	73.48 66.66	performed	0643	TM ON
495	2423/		336	2/12/05	GRV	06:02:32		GST	global	failed	0644	TM ON; no files with sample rate
	2425		336	2/12/05	OCI	15:30:54 15:27:00	15:52:54 15:54:00	NNO	236.77 66.64	performed	0645	1 per sec 1 M ON; large noise in S-Band; obviously problems with IFMS3; reason unknown so far (ESA is informed)
497	2426/ 2427		337	3/12/05	GRV	02:55:24	04:42:25	GST (MAD)	global	partially performed	0646	TM ON; no S- & X-band files with sample rate 1 per sec
498	2427		337	3/12/05	OCI	04:57:25	05:19:25	GST	40.06 66.64	partially performed	0647	TM ON; no S- & X-band files with sample rate 1 per sec
499	2427/ 2428		337	3/12/05	GRV	09:42:51 09:37:00	11:25:42 10:42:00	NNO	global	performed	0648	TM ON
500	2428		337	3/12/05	OCI	11:40:42 11:37:00	12:02:42 12:04:00	NNO	301.66 66.65	performed	0649	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments

501	2429/ 2430	917	337	3/12/05	GRV	22:20:18 22:05:43	00:52:15 01:27:18	DSS-63	global	performed	0650	X-Band: 5337338B.ODF S-Band: 5337338A.ODF TM ON; cycle slips in X-band
502	2430	917	338	4/12/05	OCI	01:07:15 01:12:00	01:29:15 01:32:00	DSS-63	104.98 66.63	partially performed	0651	TM ON; no S- & X-band files with sample rate 1 per sec
503	2431/ 2432		338	4/12/05	GRV	11:46:16 11:40:00	14:18:49 13:35:00	NNO	global	performed	0652	TM ON
504	2432		338	4/12/05	OCI	14:33:49 14:30:00	14:55:49 14:57:00	NNO	268.32 66.62	performed	0653	TM ON
505	2435		339	5/12/05	OCI	10:43:45 10:40:00	11:05:45 11:07.00	NNO	333.45 66.65	performed	0654	TM ON
506	2436		339	5/12/05	OCI	17:26:57 17:23:00	17:48:57 17:50:00	NNO	235.10 66.56	performed	0655	TM ON
507	2438	919	340	6/12/05	OCI	06:53:30 06:59:00	07:15:30 07:13:00	DSS-14	38.54 66.54	performed	0656	TM ON
508	2438/ 2439		340	6/12/05	GRV	11:09:46 11:04:00	13:21:48 12:38:00	NNO	global	performed	0657	TM ON TW ON, large hoise in S-band, obviously problems with IFMS3;
509	2439	2011	340	6/12/05	OCI	13:36:48 13:33:00 start time	13:58:48 14:00:00 stop time	NNO	300.22 66.53	performed	0658	reason unknown so far (ESA is informed)
	orbit number	DSN tracking number	day of year	date	MaRS activity	(UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
510	2441		341	7/12/05	OCI	03:03:23	03:25:23	MAD (GST)	103.70 66.49	failed		station DSS15 not available

			- 1	lais ex	Diess	Radio 3	Science		imeni - Scie	ence Ober	ations Lodd	TM ON, Filenamecrossing: NN13
												G1 Data-files belong to the NN13
	2442/					13:39:03	15:30:00					D2 Data-files. NN13 D1 files are
511			341	7/12/05	GRV	13:33:00	15:31:00	NNO	global	performed	0659	missing
									U			Ŭ Ŭ
						10.00.00	10.50.00					
510	2443		341	7/12/05	OCI	16:30:00 16:26:00	16:52:00 16:53:00	NNO	267 19 66 45	porformed	0660	TM ON
512	2443		341	1/12/00		10.20.00	10.00.00		267.18 66.45	performed	0000	
						05:56:35	06:18:36					
513	2445	921	342	8/12/05	OCI	06:02:00	06:16:00	DSS-14	70.70 66.40	performed	0661	TM ON Level2 data received from
												Stanford (former labeled as failed
						02:06:32	02:28:32					because of unavailable DSS-15);
514	2448		343	9/12/05	OCI	02:13:00	02:26:28	DSS-15	136.07 66.32	performed	0691	cycleslip in X-band
	2449/					12:39:57	14:33:05					
515	2450		343	9/12/05	GRV	12:37:00	14:34:00	NNO	global	performed	0662	TM ON
									growth			
						15:00:05	15.55.05					
516	2450		343	9/12/05	OCI	15:33:05 15:29:00	15:55:05 15:58:00	NNO	299.58 66.28	porformed	0663	TM ON
510	2400		343	9/12/00		15.29.00	15.56.00		299.30 00.20	performed	0003	
	2450/											
517	2451		343	9/12/05	GRV	19:22:57	21:16:23	MAD	global	performed	0664	TM ON
						22:16:23	22:38:23					
518	2451	923	343	9/12/05	OCI	22:22:00	22:42:00	DSS-63	201.46 66.23	performed	0665	TM ON
		501				start time	stop time					
	orbit	DSN tracking	day of		MaRS	(UT) planned/	(UT) planned/	ground		performed?		
	number	number	year	date	activity	actual	actual		target; coordinates	cancelled?	Volume-ID	remarks comments
519	2452		344	10/12/05	BSR	06:38:52	07:08:52	DSS-14		performed	0666	TM ON
013			0-1-1	10/12/03	DON	00.00.02	07.00.02	00014		penonneu	0000	
500	0.450		0.4.4	10/10/05	0.01	11:43:03	12:05:03				0007	THOM
520	2453		344	10/12/05	OCI	11:36:00	12:06:00	NNO	5.14 66.15	performed	0667	TM ON

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521	2453/ 2454		344	10/12/05	GRV	15:32:00 15:25:00	17:34:27 17:35:00	NNO	global	performed	0668	TM ON
522	2455		345	11/12/05	OCI	01:09:44 01:15:00	01:31:44 01:35:00	DSS-63	168.73 66.09	performed	0669	TM ON; cycle slips in X-band
523	2455/ 2456		345	11/12/05	GRV	05:11:00	07:21:27	GST	global	failed		station DSS14 not available
524	2457		345	11/12/05	OCI	14:36:21 14:32:00	14:58:21 14:59:00	NNO	332.35 66.03	performed	0670	TM ON
525	2457/ 2458		345	11/12/05	GRV	18:24:02	20:40:30	MAD	global	performed	0671	TM ON
526	2458/ 2459		346	12/12/05	BSR	01:53:10	02:53:11	DSS-63		performed	0672	TM ON; VL2
527	2459/ 2460		346	12/12/05	GRV	09:05:30	09:46:13	NNO	global	failed		TM ON, onle NN11 files available
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
528	2460		346	12/12/05	OCI	10:46:13 10:42:00	11:08:13 11:11:00	NNO	37.91 65.92	performed	0673	TM ON, only NN11 files available
529	2461/ 2462	926	346	12/12/05	GRV	21:16:00	23:57:52	DSS-65	global	performed	0674	TM ON; GS changed to DSS-65 according to file content
530		926	347	13/12/05	OCI	00:12:52 01:18:00	00:34:52 00:38:00	DSS-65	201.63 65.84	performed	0675	TM ON

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531	2463	927	347	13/12/05	OCI	06:56:11 07:01:00	07:18:11 07:21:00	DSS-14	103.43 65.81	performed	0676	TM ON
532	2463/ 2464		347	13/12/05	GRV	10:42:04	13:24:33	NNO	global	failed		TM ON, NN13 D1, G1, G2, NN11 D1, D2 files are missing, waiting for retrieval of missing data TW ON; large noise in S-Bano;
533	2464		347	13/12/05	OCI	13:39:33 13:35:00	14:01:33 14:02:00	NNO	5.39 65.74	performed	0678	obviously problems with IFMS3; reason unknown so far (ESA is informed)
534	2465/ 2466	928	348	14/12/05	GRV	01:36:34 01:21:45	02:51:15 03:26:12	DSS-15	global	performed	0679	X-Band: 5348348B.ODF S-Band: 5348348C.ODF TM ON; No S-Band signal due to losse cable in DSN-15
535	2466	928	348	14/12/05	OCI	03:06:15 01:21:45	03:28:15 03:26:12	DSS-15	169.10 65.67	performed	0680	X-Band: 5348348B.ODF S-Band: 5348348C.ODF TM ON
536	2467		348	14/12/05	OCI	09:49:31 09:46:00	10:11:31 10:12:00	NNO	70.95 65.63	performed	0681	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
537	2468		348	14/12/05	OCI	16:32:54 16:34:00	16:54:54 16:56:00	NNO	332.83 65.58	performed	0682	TM ON
538	2474		350	16/12/05	OCI	08:52:49 08:49:00	09:14:49 09:16:00	NNO	104.27 65.29	performed	0683	TM ON
539	2475		350	16/12/05	OCI	15:36:12 15:32:16	15:58:12 15:59:21	NNO	6.23 65.21	performed	0684	TMON
540	2477	931	351	17/12/05	OCI	05:02:55 05:08:00	05:24:55 05:28:00	DSS-15	170.04 65.12	performed	0685	IN ON; No S-Band signal due to loose cable in DSS-15 (information from Sami Asmar); cycle slips in X-band

								-		•		
	2477/					08:48:26	11:31:12					
541	2478		351	17/12/05	GRV	08:42:00	10:43:00	NNO	global	performed	0686	TM ON
									Ŭ			
						11:46:12	12:08:12					
E 4 0	2478		051	17/10/05	OCI		12:10:00	NNO	71.02 65.00	n orform od	0607	TM ON
542	2470		351	17/12/05		11:42:00	12.10.00	ININO	71.93 65.08	performed	0687	
	2481/					11:36:34	14:24:33					
543	2482		352	18/12/05	GRV	11:29:00	13:41:00	NNO	global	performed	0688	TM ON
									Ŭ			
						14:39:33	15:01:33					
E A A	0400		250	18/12/05	OCI	14:35:00		NNO	20.71 64.94	n orform od	0689	TM ON
544	2482		302	10/12/00		14.35.00	15:03:00	ININO	39.71 64.84	performed	0009	
						01.00.54	01.44.54					
						21:22:54	21:44:54					
545	2483	932	352	18/12/05	OCI	21:28:00	21:48:00	DSS-63	301.58 64.80	performed	0690	TM ON; cycle slip in X-band
						start time	stop time					
		DSN				(UT)	(UT)					
								_				
	orbit	tracking	day of		MaRS	planned/	planned/	around		performed?		
	orbit number		day of vear		MaRS activity	planned/ actual	planned/ actual	ground station	target: coordinates	performed? cancelled?	Volume-ID	remarks comments
	orbit number	tracking number	day of year	date	MaRS activity	planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
						-	-	U	target; coordinates		Volume-ID	remarks comments
	number					-	-	station	target; coordinates		Volume-ID	
	number 2483/		year	date	activity	actual	actual	station GST		cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/					-	actual 02:39:08	Station GST (MAD)	global		Volume-ID	
546	number 2483/		year	date	activity	actual	actual 02:39:08	Station GST (MAD)	global	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/		year	date	activity	actual	actual	GST (MAD) end of	global f MTP 20	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/		year	date	activity	actual	actual	GST (MAD) end of	global	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/		year	date	activity	actual 01:26:33	actual 02:39:08	GST (MAD) end of	global f MTP 20	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/	number	year	date	activity	actual 01:26:33 start time	actual 02:39:08 stop time	GST (MAD) end of	global f MTP 20	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/ 2484	number	year 353	date 19/12/05	GRV	actual 01:26:33 start time (UT)	actual 02:39:08 stop time (UT)	GST (MAD) end of start o	global f MTP 20	cancelled?	Volume-ID	TM ON; no S- & X-band files with
546	number 2483/ 2484 orbit	number DSN tracking	year 353 day of	date 19/12/05	activity GRV MaRS	actual 01:26:33 start time (UT) planned/	actual 02:39:08 stop time (UT) planned/	GST (MAD) end of start o	global f MTP 20 f MTP 21	cancelled?		TM ON; no S- & X-band files with sample rate 1 per sec
546	number 2483/ 2484	number	year 353	date 19/12/05	GRV	actual 01:26:33 start time (UT)	actual 02:39:08 stop time (UT)	GST (MAD) end of start o	global f MTP 20	cancelled?	Volume-ID Volume-ID	TM ON; no S- & X-band files with
546	number 2483/ 2484 orbit	number DSN tracking	year 353 day of	date 19/12/05	activity GRV MaRS	actual 01:26:33 start time (UT) planned/	actual 02:39:08 stop time (UT) planned/	GST (MAD) end of start o	global f MTP 20 f MTP 21	cancelled?		TM ON; no S- & X-band files with sample rate 1 per sec
546	number 2483/ 2484 orbit	number DSN tracking	year 353 day of	date 19/12/05	activity GRV MaRS	actual 01:26:33 start time (UT) planned/ actual	actual 02:39:08 stop time (UT) planned/ actual	GST (MAD) end of start o	global f MTP 20 f MTP 21	cancelled?		TM ON; no S- & X-band files with sample rate 1 per sec
	number 2483/ 2484 orbit number	number DSN tracking	year 353 day of	date 19/12/05 date	activity GRV MaRS activity	actual 01:26:33 start time (UT) planned/	actual 02:39:08 stop time (UT) planned/	station GST (MAD) end of start o ground station	global F MTP 20 f MTP 21 target; coordinates	cancelled?	Volume-ID	TM ON; no S- & X-band files with sample rate 1 per sec remarks comments TM ON, NN11 G1,G2 + NN12
546	number 2483/ 2484 orbit number	number DSN tracking	year 353 day of	date 19/12/05	activity GRV MaRS	actual 01:26:33 start time (UT) planned/ actual	actual 02:39:08 stop time (UT) planned/ actual 11:11:35	GST (MAD) end of start o	global f MTP 20 f MTP 21	cancelled?		TM ON; no S- & X-band files with sample rate 1 per sec
	number 2483/ 2484 orbit number	number DSN tracking	year 353 day of year	date 19/12/05 date	activity GRV MaRS activity	actual 01:26:33 start time (UT) planned/ actual 10:49:35	actual 02:39:08 stop time (UT) planned/ actual	station GST (MAD) end of start o ground station	global F MTP 20 f MTP 21 target; coordinates	cancelled?	Volume-ID	TM ON; no S- & X-band files with sample rate 1 per sec remarks comments TM ON, NN11 G1,G2 + NN12
	number 2483/ 2484 orbit number	number DSN tracking	year 353 day of year	date 19/12/05 date	activity GRV MaRS activity	actual 01:26:33 start time (UT) planned/ actual 10:49:35	actual 02:39:08 stop time (UT) planned/ actual 11:11:35	station GST (MAD) end of start o ground station	global F MTP 20 f MTP 21 target; coordinates	cancelled?	Volume-ID	TM ON; no S- & X-band files with sample rate 1 per sec remarks comments TM ON, NN11 G1,G2 + NN12
	number 2483/ 2484 orbit number 2485	number DSN tracking	year 353 day of year	date 19/12/05 date	activity GRV MaRS activity	actual 01:26:33 start time (UT) planned/ actual 10:49:35 11:47:00	actual 02:39:08 stop time (UT) planned/ actual 11:11:35 11:13:00	station GST (MAD) end of start o ground station	global F MTP 20 f MTP 21 target; coordinates	cancelled?	Volume-ID	TM ON; no S- & X-band files with sample rate 1 per sec remarks comments TM ON, NN11 G1,G2 + NN12 G1,G2 files are missing
	number 2483/ 2484 orbit number	number DSN tracking	year 353 day of year 353	date 19/12/05 date	activity GRV MaRS activity	actual 01:26:33 start time (UT) planned/ actual 10:49:35	actual 02:39:08 stop time (UT) planned/ actual 11:11:35	station GST (MAD) end of start o ground station	global F MTP 20 f MTP 21 target; coordinates	cancelled?	Volume-ID	TM ON; no S- & X-band files with sample rate 1 per sec remarks comments TM ON, NN11 G1,G2 + NN12

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549	2486	933	353	19/12/05	OCI	17:32:59 17:38:00	17:54:59 17:58:00	DSS-63	7.55 64.57	performed	0694	TM ON
550	2487	934	354	20/12/05	OCI	00:16:19 00:21:00	00:38:19 00:41:00	DSS-63	269.43 64.54	performed	0695	TM ON
551	2489		354	20/12/05	OCI	13:43:01 13:39:00	14:05:01 14:07:00	NNO	73.35 64.40	performed	0696	obviously problems with IFMS3; reason unknown so far (ESA is informed)
552	2490/ 2491	935	355	21/12/05	GRV	00:14:57 00:03:55	01:37:30 01:37:31	DSS-65	global	performed	0697	X-Band: 5355355B.ODF S-Band: 5355355C.ODF TM ON
553	2492		355	21/12/05	OCI	09:53:06 09:49:00	10:15:06 10:17:00	NNO	139.30 64.19	performed	0698	TM ON
554	2493		355	21/12/05	OCI	16:36:24 16:32:00	16:58:24 17:00:00	NNO	41.26 64.12	performed	0699	TM ON
555	2494/ 2495	936	356	22/12/05	GRV	03:07:09 02:55:47	05:03:08 06:23:13	DSS-15	global	performed	0700	S-Band: 5356356B.ODF S-Band: 5356356C.ODF TM ON; No S-Band signal due to loose cable in DSS-15
	orbit number	DSN	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
556	2495	936	356	22/12/05	OCI	06:03:08 06:08:00	06:25:08 06:28:00	DSS-15	205.22 63.98	performed	0701	TM ON; cycle slip in X-band
557	2497/ 2498	936	356	22/12/05	GRV	23:39:27 23:36:38	01:13:14 02:33:20	DSS-65	global	performed	0702	X-Band: 5356357A.ODF S-Band: 5356357B.ODF TM ON
558	2498	937	357	23/12/05	OCI	02:13:14 23:36:38	02:35:00 02:33:20	DSS-65	271.13 63.77	performed	0703	X-Band: 5356357A.ODF S-Band: 5356357B.ODF TM ON

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559	2499		357	23/12/05	OCI	08:56:40 08:52:53	09:18:40 09:19:38	NNO	173.18 63.66	performed	0704	TM ON
560	2500		357	23/12/05	OCI	15:39:57 15:55:34	16:01:57 16:02:55	NNO	75.11 63.61	performed	0705	TM ON; NN13 files missing
561	2501	937	357	23/12/05	OCI	22:23:23 22:08:32	22:45:23 22:43:33	DSS-65	337.12 63.53	performed	0706	X-Band: 5357358A.ODF S-Band: 5357357A.ODF TM ON
562	2501/ 2502	938	358	24/12/05	GRV	02:52:05 02:51:42	04:06:40 05:26:51	DSS-15	global	performed	0707	X-Band: 5358358A.ODF S-Band: 5358358B.ODF TM ON; cycle slips in X-band X-Band: 5358358A.ODF
563	2502	938	358	24/12/05	OCI	05:06:40 02:51:42	05:28:40 05:26:51	DSS-15	239.10 63.45	performed	0708	S-Band: 53583588.0DF S-Band: 5358358B.0DF TM ON; No S-Band signal due to loose cable in DSS-15
564	2502/ 2503		358	24/12/05	GRV	08:45:41 08:39:41	10:50:04 10:51:02	NNO	global	performed	0709	TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
565	2503		358	24/12/05	OCI	11:50:04 11:45:00	12:12:04 12:13:00	NNO	141.12 63.36	partially performed		TM ON; SPICAM; X-band goes out of lock at an altitude of about 3510 km!
566	2505	939	359	25/12/05	OCI	01:16:46 01:02:52	01:38:46 06:59:24	DSS-15	305.05 63.23	performed	0710	X-Band: 5359359A.ODF S-Band: 5359359B.ODF TM ON; No S-Band signal due to loose cable in DSS-15
567	2505/ 2506	939	359	25/12/05	GRV	04:49:51 01:02:52	06:59:23 06:59:24	DSS-15	global	performed	0711	X-Band: 5359359A.ODF S-Band: 5359359B.ODF TM ON
568	2506/ 2507		359	25/12/05	GRV	11:41:53 11:36:00	13:43:30 13:45:00	NNO	global	performed	0712	TM ON

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569	2507		359	25/12/05	OCI	14:43:30 14:38:00	15:05:30 15:07:00	NNO	109.10 63.04	performed	0713	TM ON X-Band: 5360360A.ODF
570	2509	940	360	26/12/05	OCI	04:10:16 03:55:32	04:32:16 04:30:27	DSS-15	273.09 62.88	performed	0714	S-Band: 5360360B.ODF TM ON; No S-Band signal due to loose cable in DSS-15
571	2510		360	26/12/05	OCI	10:53:42 10:50:00	11:15:42 11:17:00	NNO	175.15 62.76	performed	0715	TM ON
572	2510/ 2511		360	26/12/05	GRV	14:34:14 14:28:00	16:35:46 16:38:00	NNO	global	performed	0716	TM ON
573	2511/ 2512	940	360	26/12/05	GRV	21:09:19 21:00:07	23:20:26 00:40:38	DSS-65	global	performed	0717	X-Band: 5360361A.ODF S-Band: 5360361B.ODF TM ON
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
574	2512	941	361	27/12/05	OCI	00:20:26 21:00:07	00:42:36 00:40:38	DSS-65	339.13 62.61	performed	0718	X-Band: 5360361A.ODF S-Band: 5360361B.ODF TM ON
575	2513/ 2514		361	27/12/05	GRV	10:43:26 10:37:00	12:47:09 12:48:00	NNO	global	performed	0719	TM ON
576	2514		361	27/12/05	OCI	13:47:09 13:43:00	14:09:09 14:11:00	NNO	143.16 62.42	performed	0720	TM ON
577	2515	941	361	27/12/05	OCI	20:30:30 20:15:41	20:52:30 20:50:41	DSS-65	45.19 62.33	performed	0721	X-Band: 5361362B.ODF S-Band: 5361361A.ODF TM ON
578	2517		362	28/12/05	OCI	09:57:15 09:53:00	10:19:15 10:21:00	NNO	209.23 62.14	performed	0722	TM ON

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2517/ 2518		362	28/12/05	GRV	13:26:47 13:21:00	16:26:47 16:28:00	NNO	global	performed	0723	TM ON
2518/ 2519	942	362	28/12/05	GRV	20:51:42 20:40:17	22:24:04 23:44:15	DSS-65	global	performed	0724	X-Band: 5362362A.ODF S-Band: 5362362B.ODF TM ON; cycle slip in X-band
2519	942	362	28/12/05	OCI	23:24:04 20:40:17	23:46:04 23:44:15	DSS-65	13.28 61.94	performed	0725	X-Band: 5362362A.ODF S-Band: 5362362B.ODF TM ON; cycle slip in X-band
2521		363	29/12/05	OCI	12:50:51 12:47:00	13:12:51 13:13:00	NNO	177.28 61.75	performed	0726	TM ON
orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	remarks comments
2522	943	363	29/12/05	OCI	19:34:11 19:19:21	19:56:11 19:54:20	DSS-65	79.26 61.68	performed	0727	X-Band: 5363363A.ODF S-Band: 5363363B.ODF TM ON
				OCI	09:00:56	09:22:56			performed	0728	TM ON
					15:44:21	16:06:21					TM ON
2525/	944				20:18:31	21:27:42					X-Band: 5364364A.ODF S-Band: 5364364B.ODF TM ON; cycle slip in X-band
					22:27:42	22:49:42			·		X-Band: 5364364A.ODF S-Band: 5364364B.ODF TM ON; cycle slip in X-band
2520	944	365	31/12/05	OCI	05:11:04	05:33:04	DSS-65	309.34 61.19	partially performed	0732	TM ON; no S- & X-band files with sample rate 1 per sec
	2518 2518/ 2519 2519 2521 2521 2522 2522 2525 2525	2518 942 2519 942 2519 942 2519 942 2519 942 2521 1 2521 1 2522 943 2522 943 2524 1 2525 943 2526 943 2525 943 2526 944 2526 944 2526 944	2517/ 2518/ 25193622518/ 251994236225199423622521136300101 1000000000000000000000000000000000000	2517/ 2518Image: second secon	2517/ 2518Image: select selec	2517/2Image: Second	2517/ 2518 Image: Marking and marking	2517/ 161 362 $28/12/05$ GRV 13126170 16126170 NNO $2518/$ 942 362 $28/12/05$ GRV 20151142 2212404 $DSS-65$ 2519 942 362 $28/12/05$ GRV 2014017 2314610 $DSS-65$ 2519 942 362 $28/12/05$ OCI 2312404 2314610 $DSS-65$ 2521 942 363 $29/12/05$ OCI 1250551 1311251 NNO $orbit$ DSN $dag of$ $date$ MRS $atritimestof timegroundorbitDSNdag ofdateDCI19:34:1119:56:11ground252294336329/12/05OCI19:34:1119:56:11DSS-65252494336329/12/05OCI19:34:1119:56:11DSS-65252594336329/12/05OCI19:34:1119:56:11DSS-65252694436430/12/05OCI15:42:116:06:21NNO252594436430/12/05OCI21:83321:27:4222:47:50DSS-65252694436430/12/05OCI22:27:4222:47:50DSS-65252694436430/12/05OCI22:27:4222:47:50DSS-65252694436430/12/05OCI<$	2517Image: state	2517Image: series of the series o	2518

500	2527/	005	01/10/05		08:37:41	10:54:28		alabal	an e uf e une e el	0700	TMON
589	2528	365	31/12/05	GRV	09:03:00	10:56:00	NNO	global	performed	0733	TM ON
					11:54:28	12:16:28					
590	2528	365	31/12/05	OCI	11:49:00	12:19:00	NNO	211.42 61.05	performed	0734	TM ON
591	2529	265	31/12/05	OCI	18:37:51	18:59:51		113.42 60.97	performed	0735	TM ON; GS changed to DSS-65 according to file content
591	2529	305	31/12/03	001	10.37.31			[•] MTP 21	penonned	0735	

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