Mars Express Radio Science Experiment - Science Operations Logbook

MTP8 (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 station	target; coordinates	performed? cancelled?	processed? archived? Volume-ID	remarks comments	check
1	1228	580	1	1/1/05	OCI	11:30:41 11:34:00	11:52:41 11:56:00	DSS-63	348.68 -77.07	performed	253	TM ON; SPICAM	Volume_ID added
2	1228		1	1/1/05	GRV	14:21:26	15:01:26	GST	Alba Patera		254	TM ON	Volume_ID added
3	1229	580	1	1/1/05	OCI	18:14:40 18:18:00	18:36:40 18:39:00	DSS-15	252.64 -76.56	performed	255	TM ON; SPICAM	Volume_ID added
4	1230		2	2/1/05	GRV	05:49:38 05:42:06	07:03:39 07:05	NNO	global	performed	256 Level 1a&1b L02_ver.2.3	TM ON; no calibration files	Volume_ID added CR: ok. CS
5	1232		2	2/1/05	OCI	14:26:37	14:48:37	GST	322.83 -74.92	cancelled		TM ON; SPICAM	
6	1233		2	2/1/05	OCI	21:10:37 21:06:27	21:32:37 21:33:19	NNO	225.98 -74.33	peformed	257 Level 1a&1b L02_ver.2.3	TM ON;NN11 D2 file missing (sample rate NN11 D1 is 1/s; all others 10 per sec)	Volume_ID added CR: ok. CS
7	1235	582	3	3/1/05	OCI	10:38:35 10:43:00	11:00:35 11:04:00	DSS-65	31.90 -73.16	performed	258	TM ON	Volume_ID added
8	1237		4	4/1/05	OCI	00:07:33 00:03:11	00:29:33 00:30:11	NNO	198.54 -71.89	performed	259 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added CR: ok. CS
9	1239		4	4/1/05	GRV	16:22:41	17:02:41	GST	Alba Patera	cancelled		TM ON	

white: planned task
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light red: task cancelled by ESOC PTR

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
11	1240		4	4/1/05	OCI	20:19:30 20:14:51	20:41:30 20:41:51	NNO	266.56 -70.05	performed	260 Level 1a&1b L02_ver.2.3	TM ON; no calibration files	Volume_ID added CR: ok. CS
12	1255		9	9/1/05	GRV	05:50:15 05:44:00	07:03:16 07:04:23	NNO	global	performed	261 Level 1a&1b L02_ver.2.3	TM ON; Calibration files (Doppler and Ranging from DOY 008 18:49)	Volume_ID added CR: ok. LC
13	1259/ 1260		10	10/1/05	GRV	09:21:12	11:02:10	MAD	global		262	TM ON	Volume_ID added
14	1261/ 1262		10	10/1/05	GRV	22:09:09 22:02:52	23:56:09 23:56:04	NNO	global		263 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added CR: ok. LC
15	1263		11	11/1/05	GRV	11:35:07	12:29:08	MAD	global		264	TM ON	Volume_ID added
16	1265/ 1266		12	12/1/05	GRV	01:40:06 01:34:22	03:21:05 03:10:39	NNO	global	performed	265 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
17	1267/ 1268		12	12/1/05	GRV	15:07:04	16:48:33	GST	global	cancelled		TM ON; no uplink	
18	1268/ 1269		12	12/1/05	GRV	21:12:03 21:05:47	23:31:50 23:19:47	NNO	global	performed	266 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
19	1269/ 1270		13	13/1/05	GRV	04:33:02 04:42:58	06:15:01 06:03:57	NNO	global	performed	267 Level 1a&1b L02_ver.2.3	TM ON; only 5 minutes ranging 5:59-6:04; NN13 S-Band files start (4:43:00) 16 Minutes after start of NN11 & NN12 files	Volume_ID added

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
20	1272/ 1273		14	14/1/05	GRV	00:54:59	02:25:46	NNO/ DSS-43	global		268	TM ON, in MREQ scheduled as NNO pass, obviously DSS-43 pass (information from ESOC)	Volume_ID added
21	1273		14	14/1/05	GRV	05:03:51 04:57:35	05:43:51 05:44:30	NNO	Elysium Mons	performed	269 Level 1a&1b L02_ver.2.3	TM ON, the first two AGC files on NN13 contained only a few seconds of data. Third file is ok!	Volume_ID added
22	1276/ 1277		15	15/1/05	GRV	03:35:55 03:29:35	05:19:55 05:07:53	NNO	global	performed	270 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
23	1277/ 1278		15	15/1/05	GRV	09:40:54	12:03:18	MAD	global		271	TM ON	Volume_ID added
24	1278/ 1279		15	15/1/05	GRV	17:11:54	18:47:35	GST	global		272	TM ON	Volume_ID added
25	1282/ 1283		16	16/1/05	GRV	20:34:50 20:28:20	21:41:01 21:28:45	NNO	global	performed	273 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
26	1284/ 1285		17	17/1/05	GRV	09:31:48	11:08:35	MAD	global		274	TM ON	Volume_ID added
end of MTP8													

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Mars Express Radio Science Experiment - Science Operations Logbook

MTP9

	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?	processed? archived? Volume-ID	remarks comments	check
27	1286/ 1287		17	17/1/05	GRV	22:09:45	00:35:45	NNO	global			TM ON; cancelled by POS; eclipse power problem	
28	1287/ 1288		18	18/1/05	GRV	06:00:45	07:14:44	NNO	global			TM ON; cancelled by POS; eclipse power problem	
29	1290		18	18/1/05	GRV	22:50:42 22:44:39	23:30:42 23:40:52	NNO	Tempe Fossae	performed	275 Level 1a&1b L02_ver.2.3		Volume_ID added
30	1290/ 1291		19	19/1/05	GRV	01:02:41	03:29:41	NNO	global			TM ON; cancelled by POS; eclipse power problem	
31	1292/ 1293		19	19/1/05	GRV	14:28:39	16:58:39	GST	global			TM ON; cancelled by POS; eclipse power problem	
32	1294		20	20/1/05	GRV	01:43:38 01:38:03	02:23:38 02:24:03	NNO	Alba Patera	performed	276 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
33	1294		20	20/1/05	GRV	03:55:37	05:25:38	NNO	global			TM ON; cancelled by POS; eclipse power problem	
34	1295/ 1296		20	20/1/05	GRV	11:17:37	12:20:36	MAD	global			TM ON; cancelled by POS; eclipse power problem	
35	1299/ 1300		21	21/1/05	GRV	14:10:33	16:03:32	GST	global			TM ON; cancelled by POS; eclipse power problem	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
36	1300/ 1301		21	21/1/05	GRV	20:15:32	22:46:31	NNO	global			TM ON; cancelled by POS; eclipse power problem	
37	1302/ 1303		22	22/1/05	GRV	09:41:30	12:13:29	MAD	global			TM ON; cancelled by POS; eclipse power problem	
38	1304/ 1305		22	22/1/05	GRV	23:08:28	01:40:27	NNO	global			TM ON; cancelled by POS; eclipse power problem	
39	1306/ 1307		23	23/1/05	GRV	14:02:26	15:07:25	GST	global			TM ON; cancelled by POS; eclipse power problem	
40	1307/ 1308		23	23/1/05	GRV	20:16:25	21:51:24	NNO	global			TM ON; cancelled by POS; eclipse power problem	
41	1308/ 1309		24	24/1/05	GRV	02:01:24	04:33:23	NNO	global			TM ON; cancelled by POS; eclipse power problem	
42	1310/ 1311		24	24/1/05	GRV	16:26:22	17:29:21	GST	global			TM ON; cancelled by POS; eclipse power problem	
43	1311/ 1312		24	24/1/05	GRV	22:11:21	00:47:20	NNO	global			TM ON; cancelled by POS; eclipse power problem	
44	1315/ 1316		26	26/1/05	GRV	01:04:17	03:42:16	NNO	global			TM ON; cancelled by POS; eclipse power problem	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
45	1316/ 1317		26	26/1/05	GRV	09:05:16	10:26:15	MAD	global			TM ON; cancelled by POS; eclipse power problem	
46	1318/ 1319		26	26/1/05	GRV	21:13:14	23:54:13	NNO	global			TM ON; cancelled by POS; eclipse power problem	
47	1319/ 1320		27	27/1/05	GRV	04:45:13	06:37:12	NNO	global			TM ON; cancelled by POS; eclipse power problem	
48	1320/ 1321		27	27/1/05	GRV	10:40:12	12:12:11	MAD	global			TM ON; cancelled by POS; eclipse power problem	
49	1324/ 1325		28	28/1/05	GRV	14:12:08	16:16:07	GST	global			TM ON; cancelled by POS; eclipse power problem	
50	1326/ 1327		29	29/1/05	GRV	04:08:06	05:43:05	NNO	global			TM ON; cancelled by POS; eclipse power problem	
51	1327/ 1328		29	29/1/05	GRV	09:43:05	12:05:04	MAD	global			TM ON; cancelled by POS; eclipse power problem	
52	1330		30	30/1/05	GRV	05:53:02	06:51:02	NNO	global			TM ON; cancelled by POS; eclipse power problem	
53	1332/ 1333		30	30/1/05	GRV	20:08:00	22:05:59	NNO	global			TM ON; cancelled by POS; eclipse power problem	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
54	1334/ 1335		31	31/1/05	GRV	09:34:58	11:35:57	NNO	global			TM ON; cancelled by POS; eclipse power problem	
55	1338		32	1/2/05	GRV	09:43:03	10:22:54	MAD	Alba Patera		277	TM ON	Volume_ID added
56	1343/ 1344		33	2/2/05	GRV	21:43:49	00:07:48	NNO	global			TM ON; cancelled by POS; eclipse power problem	
57	1344/ 1345		34	3/2/05	GRV	05:29:48	06:51:47	NNO	global			TM ON; cancelled by POS; eclipse power problem	
58	1347/ 1348		35	4/2/05	GRV	00:57:45	03:04:44	NNO	global			TM ON; cancelled by POS; eclipse power problem	
59	1350/ 1351		35	4/2/05	GRV	20:18:41	23:16:41	NNO	global			TM ON; cancelled by POS; eclipse power problem	
60	1351/ 1352		36	5/2/05	GRV	03:40:41	06:00:40	NNO	global			TM ON; cancelled by POS; eclipse power problem	
61	1353/ 1354		36	5/2/05	GRV	16:29:38	18:20:38	GST	global			TM ON; cancelled by POS; eclipse power problem	
62	1355		37	6/2/05	GRV	05:55:36	06:43:37	MAD	global			TM ON; cancelled by POS; eclipse power problem	

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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?	processed? archived? Volume-ID	remarks comments	check
63	1356/ 1357		37	6/2/05	GRV	13:57:36	15:10:35	GST	global		278	TM ON	Volume_ID added
64	1357/ 1358		37	6/2/05	GRV	20:00:35 19:54:07	21:54:34 21:59:48	NNO	global	failed	new L1a&1b	TM ON	NNT3: all D1, most D2, some G1 and G2
65	1359/ 1360		38	7/2/05	GRV	08:49:32	11:20:32	MAD	global		279	TM ON	Volume_ID added
66	1361/ 1362		38	7/2/05	GRV	22:54:31 22:49:12	00:47:30 00:49:31	NNO	global	performed	280 new L1a&1b L02_ver.2.3	TM ON	Volume_ID added all files available,
67	1365/ 1366		40	9/2/05	GRV	01:09:26 01:02:55	03:40:26 03:41:16	NNO	global	performed	281 new L1a&1b L02_ver.2.3	TM ON	Volume_ID added
68	1368/ 1369		40	9/2/05	GRV	22:17:24 22:11:00	23:50:22 23:51:20	NNO	global	performed	282 new L1a&1b L02_ver.2.3	TM ON	Volume_ID added problems with Ranging
69	1369/ 1370		41	10/2/05	GRV	04:02:22 03:56:21	06:34:21 06:34:40	NNO	global	performed	283 new L1a&1b L02_ver.2.3	TM ON	Volume_ID added
70	1372/ 1373		42	11/2/05	GRV	00:57:19	03:00:18	NNO	global	cancelled		TM ON; cancelled by ESOC; no station available	
71	1373/ 1374		42	11/2/05	GRV	08:14:18	09:37:17	MAD	global		284	TM ON	Volume_ID added

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
72	1374/ 1375		42	11/2/05	GRV	13:57:17	16:21:16	GST	global		285	TM ON	Volume_ID added
73	1376/ 1377		43	12/2/05	GRV	03:06:15	06:06:15	NNO	global	cancelled		TM ON; cancelled by ESOC; no station available	
74	1377/ 1378		43	12/2/05	GRV	10:07:14	12:01:13	MAD	global		286	TM ON	Volume_ID added
75	1378/ 1379		43	12/2/05	GRV	17:11:13	18:24:12	GST	global		287	TM ON	Volume_ID added
76	1382/ 1383		44	13/2/05	GRV	19:54:09	22:07:08	NNO	global	failed		TM ON, measurement failed due to system crash on NNO, only NN11 Doppler, Ranging & Meteo files are available, NN11	
							end of MTP9						

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MTP10

	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?	processed? archived? Volume-ID	remarks comments	check
77	1385/ 1386		45	14/2/05	GRV	16:32:18	18:10:05	GST	global		288	TM ON	Volume_ID added
78	1392/ 1393		47	16/2/05	GRV	15:37:59	17:26:58	GST	global		289	TM ON	Volume_ID added
79	1393/ 1394		47	16/2/05	GRV	21:22:57 21:15:00	23:54:57 23:53:00	NNO	global	performed	290 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
80	1394/ 1395		48	17/2/05	GRV	04:44:57 04:39:04	06:36:56 05:39:03	NNO	global	performed	291 new L1a&b L02_ver.2.3	TM ON; no NN13-D2 files	Volume_ID added
81	1397/ 1398		49	18/2/05	GRV	00:23:54 00:17:55	02:52:52 02:53:17	NNO	global	performed	292 new L1a&b L02_ver.2.3	TM ON; 25 NN12 files because of reduced sample number for each file from 3600 to 360, NN13 files with sample rate of	Volume_ID added
82	1400/ 1401		49	18/2/05	GRV	20:25:50 20:19:00	23:17:49 23:18:00	NNO	global	performed	293 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
83	1401/ 1402		50	19/2/05	GRV	04:04:49 03:58:00	05:45:48 5:46:00	NNO	global	performed	294 new L1a&b L02_ver.2.3	TM ON; NN13-D1 files missing	Volume_ID added
84	1402/ 1403		50	19/2/05	GRV	10:07:48	11:48:47	MAD	global		295	TM ON	Volume_ID added
85	1406/ 1407		51	20/2/05	GRV	13:32:44	15:40:43	GST	global		296	TM ON	Volume_ID added

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
86	1407		51	20/2/05	GRV	17:26:05	17:57:43	MAD	North Polar Cap		297	TM ON	Volume_ID added
87	1409		52	21/2/05	GRV	06:52:30	07:04:41	NNO	North Polar Cap			TM ON; cancelled by POS; eclipse power problem	
88	1409/ 1410		52	21/2/05	GRV	09:46:41 09:34:34	11:49:40 12:19:59	DSS-63	global	performed	298 sent via FTP	TM ON	Volume_ID added
89	1410/ 1411		52	21/2/05	GRV	16:34:40 15:42:23	18:03:39 18:35:15	DSS-15	global	performed	299 sent via FTP	TM ON	Volume_ID added
90	1411/ 1412		52	21/2/05	GRV	22:22:38 22:15:00	01:05:38 01:05:00	NNO	global	performed	300 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
91	1414/ 1415		53	22/2/05	GRV	19:41:36 19:34:00	21:30:35 21:31:00	NNO	global	performed	301 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
92	1415/ 1416		54	23/2/05	GRV	01:15:34 01:09:00	03:58:34 03:58:00	NNO	global	performed	302 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
93	1418		54	23/2/05	GRV	19:30:02	19:54:32	MAD	North Polar Cap			TM ON; cancelled by POS; eclipse power problem	
94	1418/ 1419		54	23/2/05	GRV	21:25:31 21:18:00	00:25:31 00:24:00	NNO	global	performed	303 new L1a&b L02_ver.2.3	TM ON	Volume_ID added

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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?	processed? archived? Volume-ID	remarks comments	check
95	1419/ 1420		55	24/2/05	GRV	04:09:30 04:02:52	06:29:30 06:25:52	NNO	global	performed	304 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
96	1422/ 1423		56	25/2/05	GRV	01:04:28 00:57:53	03:19:27 03:20:57	NNO	global	performed	305 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
97	1423/ 1424		56	25/2/05	GRV	08:16:27 08:04:51	10:02:26 10:35:46	DSS-63	global	performed	306 sent via FTP	TM ON	Volume_ID added
98	1424/ 1425		56	25/2/05	GRV	13:45:25 13:14:11	16:45:25 17:09:17	DSS-14	global	performed	307 sent via FTP	TM ON	Volume_ID added
99	1426/ 1427		57	26/2/05	GRV	03:12:23 03:06:05	06:12:23 06:13:50	NNO	global	performed	308 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
100	1427		57	26/2/05	GRV	07:55:49 07:51:39	08:23:22 12:12:29	DSS-63	North Polar Cap	performed	sent via ftp 309	X-Band: 5057057B.ODF S-Band: 5057057C.ODF TM ON	Volume_ID added
101	1427/ 1428		57	26/2/05	GRV	09:55:22 07:51:39	11:44:21 12:12:29	DSS-63	global	performed	sent via ftp 310	X-Band: 5057057B.ODF S-Band: 5057057C.ODF TM ON	Volume_ID added
100		644	57	26/2/05	BSR	21:45:00 21:45:00	05:45:00 05:45:00	DSS-43	Bistatic Radar	performed	311	TM OFF; callibration : (0:50-1:20) and (2:38-2:59)	Volume_ID added
101	1431/ 1432		58	27/2/05	GRV	13:22:18 13:08:30	15:48:18 15:47:53	DSS-14	global	performed	sent via ftp 312	Only S-Band: 5058058A.ODF TM ON	Volume_ID added

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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

26.04.2006, 11:42

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
102	1434/ 1435		59	28/2/05	GRV	08:58:14	11:44:14	DSS-63	global		313	TM ON	Volume_ID added
103	1436/ 1437		59	28/2/05	GRV	23:28:13	01:19:12	NNO	global	failed		TM ON; Antenna Servo Failure at end of ROSETTA pass. Because of this MEX track started late with carrier up at	
104	1438		60	1/3/05	GRV	09:54:13	10:20:11	MAD	North Polar Cap			TM ON; cancelled by POS; eclipse power problem	
105	1438/ 1439		60	1/3/05	GRV	13:20:35	14:52:10	DSS-25	global		314	TM ON	Volume_ID added
106	1442/ 1443		61	2/3/05	GRV	14:45:06	17:42:06	DSS-14	global		315	TM ON	Volume_ID added
107	1444/ 1445		62	3/3/05	GRV	04:12:04 04:05:00	06:23:04 06:24:50	NNO	global	performed	316 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
108	1456		65	6/3/05	GRV	10:56:45	11:19:52	DSS-63	North Polar Cap		317	TM ON	Volume_ID added
109	1459/ 1460		66	7/3/05	GRV	09:00:48 07:23:20	11:44:48 12:14:59	DSS-63	global	performed	sent via ftp 318	X-Band: 5066066B.ODF S-Band: 5066066D.ODF TM ON	Volume_ID added
110	1460/ 1461		66	7/3/05	GRV	16:37:48 15:47:40	18:04:47 18:34:59	DSS-15	global	performed	sent via ftp 319	X-Band: 5066066A.ODF S-Band: 5066066C.ODF TM ON	Volume_ID added

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

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
111	1463/ 1464		67	8/3/05	GRV	13:10:45 12:56:59	14:54:44 15:29:29	DSS-15	global	performed	sent via ftp 320	X-Band: 5067067C.ODF S-Band: 5067067D.ODF TM ON	Volume_ID added
112	1467/ 1468		68	9/3/05	GRV	14:47:40 12:58:19	17:47:40 18:25:41	DSS-14	global	performed	sent via ftp 321	X-Band: 5068068B.ODF S-Band: 5068068C.ODF TM ON	Volume_ID added
113	1473/ 1474		70	11/3/05	GRV	07:35:34 07:21:50	10:07:34 11:00:54	DSS-63	global	performed	sent via ftp 322	X-Band: 5070070B.ODF S-Band: 5070070C.ODF TM ON	Volume_ID added
114	1476/ 1477		71	12/3/05	GRV	03:50:31 03:44:27	06:17:31 06:18:22	NNO	global	performed	323 Level 1a&1b L02_ver.2.3	TM ON	Volume_ID added
115	1477/ 1478		71	12/3/05	GRV	10:00:30	11:40:29	DSS-63	global		324	TM ON	Volume_ID added
116	1479/ 1480		72	13/3/05	GRV	00:19:28 00:13:16	02:27:28 02:28:16	NNO	global	performed	325 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
117	1480/ 1481		72	13/3/05	GRV	07:29:27 07:16:33	09:10:27 10:06:23	DSS-63	global	performed	sent via ftp 326	X-Band: 5072072B.ODF S-Band: 5072072E.ODF TM ON	Volume_ID added
118	1481/ 1482		72	13/3/05	GRV	13:32:26 12:51:54	15:53:26 16:36:41	DSS-14	global	performed	sent via ftp 327	X-Band: 5072072C.ODF S-Band: 5072072D.ODF TM ON	Volume_ID added
	end of MTP10												

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

Mars Express Radio Science Experiment - Science Operations Logbook

start of MTP11

	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?	processed? archived? Volume-ID	remarks comments	check
119	1483/ 1484		73	14/3/05	GRV	03:08:18 03:02:06	05:19:42 05:20:31	NNO	global	performed	328 new L1a&b L02_ver.2.3	TM ON; NN13 -D1-files are missing.	Volume_ID added
120	1484/ 1485		73	14/3/05	GRV	09:46:42 07:22:28	11:39:58 12:09:59	DSS-63	global	performed	sent via ftp 329	X-Band: 5073073A.ODF S-Band: 5073073B.ODF	Volume_ID added
121	1488/ 1489		74	15/3/05	GRV	12:58:53 12:45:51	14:57:12 15:23:36	DSS-15	global	performed	sent via ftp 330	X-Band: 5074074B.ODF S-Band: 5074074C.ODF TM ON	Volume_ID added
122	1493/ 1494		75	16/3/05	GRV	22:50:36 22:44:51	00:32:40 00:33:51	NNO	global	performed	331 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
123	1497/ 1498		77	18/3/05	GRV	00:26:40 00:20:36	03:26:57 03:26:36	NNO	global	performed	332 new L1a&b L02_ver.2.3	TM ON; RNG- and CL-files from DOY 76	Volume_ID added
124	1498/ 1499		77	18/3/05	GRV	08:00:57 07:15:35	10:09:16 11:11:47	DSS-63	global	performed	sent via ftp 333	X-Band: 5077077B.ODF S-Band: 5077077B.ODF TM ON	Volume_ID added
125	1502/ 1503		78	19/3/05	GRV	10:02:11	11:40:50	DSS-63	global	cancelled		TM ON; cancelled by ESOC due to Star Tracker test	
126	1504/ 1505		79	20/3/05	GRV	00:20:47 00:22:26	02:29:04 02:31:19	NNO	global	performed	334 new L1a&b L02_ver.2.3	TM ON	Volume_ID added All files available.
127	1505/ 1506		79	20/3/05	GRV	07:40:10 07:15:21	09:12:29 10:03:09	DSS-63	global	performed	sent via ftp 335	X-Band: 5079079B.ODF S-Band: 5079079D.ODF TM ON	Volume_ID added

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yellow: task to be completed
green: task completed
dark red: task failed or cancelled after ESOC PTR
light red: task cancelled by ESOC PTR

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
128	1506/ 1507		79	20/3/05	GRV	13:48:28 13:01:15	15:56:46 16:59:15	DSS-14	global	performed	sent via ftp 336	X-Band: 5079079A.ODF S-Band: 5079079C.ODF TM ON	Volume_ID added
129	1508/ 1509		80	21/3/05	GRV	03:15:05 03:08:57	05:22:22 05:23:23	NNO	global	performed	337 new L1a&b L02_ver.2.3	TM ON	Volume_ID added All files available.
130	1509/ 1510	659	80	21/3/05	GRV	08:51:21 07:23:27	11:24:40 12:09:58	DSS-63	global	performed	sent via ftp 338	X-Band: 5080080B.ODF S-Band: 5080080D.ODF TM ON	Volume_ID added
131	1510/ 1511		80	21/3/05	GRV	16:40:40 15:53:00	17:40:59 18:24:59	DSS-15	global	performed	sent via ftp 339	X-Band: 5080080A.ODF S-Band: 5080080C.ODF TM ON	Volume_ID added
132	1513/ 1514	660	81	22/3/05	GRV	12:53:37 12:34:36	14:58:53 16:05:46	DSS-14	global	performed	sent via ftp 340	X-Band: 5081081B.ODF S-Band: 5081081C.ODF TM ON	Volume_ID added
133	1517/ 1518	661	82	23/3/05	GRV	14:37:54 13:10:37	17:52:13 18:24:59	DSS-14	global	performed	sent via ftp 341	X-Band: 5082082B.ODF S-Band: 5082082C.ODF TM ON	Volume_ID added
134	1522/ 1523		84	25/3/05	GRV	00:29:27 00:22:53	03:28:45 03:10:10	NNO	global	failed	new L1a&b	TM ON; about 10 minutes during the measurement are missing, CL-files from DoY 083, IFMS-3 was unable to look	
135	1524/ 1525		84	25/3/05	GRV	13:56:05	16:56:22	GST	global	cancelled by ESOC		TM ON	
136	1526/ 1527		85	26/3/05	GRV	04:04:43 03:58:52	05:58:00 05:59:08	NNO	global	performed	342 new L1a&b L02_ver.2.3	TM ON; CL-files from DoY 084	Volume_ID added

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yellow: task to be completed
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light red: task cancelled by ESOC PTR

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
137	1527/ 1528	664	85	26/3/05	GRV	09:51:59 08:24:21	11:40:24 11:54:59	DSS-63	global	peformed	sent via ftp 343	X-Band: 5085085A.ODF S-Band: 5085085B.ODF TM ON	Volume_ID added
138	1529/ 1530		86	27/3/05	GRV	00:23:42 00:17:57	02:32:04 02:33:12	NNO	global	performed	344 new L1a&b L02_ver.2.3	TM ON; CL and RNG-files from DoY 085	Volume_ID added
139	1530/ 1531		86	27/3/05	GRV	07:23:03	09:16:21	MAD	global	cancelled by ESOC		TM ON	
140	1531/ 1532	665	86	27/3/05	GRV	12:59:19 12:59:01	15:58:39 17:10:19	DSS-14	global	performed	sent via ftp 345	X-Band: 5086086A.ODF S-Band: 5086086B.ODF TM ON	Volume_ID added
141	1533/ 1534		87	28/3/05	GRV	03:16:58 03:10:48	05:26:16 05:27:06	NNO	global	performed	346 new L1a&b L02_ver.2.3	TM ON; CL-files from DoY 086	Volume_ID added
142	1543/ 1544		89	30/3/05	GRV	21:48:11 21:42:12	00:38:32 00:39:35	NNO	global	performed	347 new L1a&b newL02_ver1.2	TM ON; NN13 D2 sample rate 1/10 sec, NN11 (D1 and D2) has a gap of one minute in measurement, beginnig time of	Volume_ID added
143	1547/ 1548		91	1/4/05	GRV	00:31:27 00:25:30	03:31:51 03:32:55	NNO	global	performed	348 new L1a&b L02_ver.2.3	TM ON; CL-files from DoY 90	Volume_ID added
144	1550/ 1551		91	1/4/05	GRV	21:38:32 21:32:49	23:41:51 23:43:08	NNO	global	performed	349 new L1a&b	TM ON	Volume_ID added
145	1551/ 1552		92	2/4/05	GRV	03:25:50 03:20:09	05:46:11 05:47:31	NNO	global	performed	350 new L1a&b L02_ver.2.3	TM ON; CL-files from DOY 91	Volume_ID added

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yellow: task to be completed
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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
146	1555	672	92	3/4/05	BSR	22:30:07	05:10:07	DSS-43	South Highlands	performed	351	TM ON; BSR Calibration	Volume_ID added
147	1558/ 1559		94	4/4/05	GRV	03:18:04 03:10:44	05:28:28 05:31:34	NNO	global	performed	352 new L1a&b L02_ver.2.3	TM ON, CL-files from DOY 93	Volume_ID added
148	1561/ 1562		94	4/4/05	GRV	22:38:08 22:34:04	01:38:28 01:40:56	NNO	global	performed	353 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
149	1569		97	7/4/05	GRV	04:25:42 04:19:46	05:42:55 05:43:53	NNO	global	performed	354 new L1a&b L02_ver.2.3	TM ON; CL-files from DoY 96	Volume_ID added
150	1575/ 1576		98	8/4/05	GRV	21:35:46 21:29:38	23:45:04 23:45:38	NNO	global	performed	355 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
151	1579/ 1580		99	9/4/05	GRV	23:38:05 23:32:15	02:38:23 02:39:41	NNO	global	performed	356 new L1a&b L02_ver.2.3	TM ON	Volume_ID added
152	1583	679	100	10/4/05	BSR	19:05:27	01:45:27	DSS-43	Hellas		357	TM ON, BSR Calibration	Volume_ID added
end of MTP11												

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yellow: task to be completed
green: task completed
dark red: task failed or cancelled after ESOC PTR
light red: task cancelled by ESOC PTR

Mars Express Radio Science Experiment - Science Operations Logbook

start of MTP12

	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?	processed? archived? Volume-ID	remarks comments	check
153	1590/ 1591		103	13/4/05	GRV	02:39:09 02:33:11	04:35:23 04:36:24	NNO	global	performed	358 new L1a&b L02_ver.2.3	TM ON; CL-files taken from 102	Volume_ID added
154	1593/ 1594		103	13/4/05	GRV	21:45:23 21:37:35	00:45:23 00:46:26	NNO	global	performed	359 new L1a&b L02_ver.2.3	TM ON; CL-files missing due to a Station Computer crash	Volume_ID added
155	1597/ 1598		105	15/4/05	GRV	01:40:05 01:32:26	03:05:22 03:07:33	NNO	global	performed	360 new L1a&b L02_ver.2.3	TM ON; CL-files from 104	Volume_ID added
156	1598/ 1599	684	105	15/4/05	GRV	07:22:01 06:52:33	10:22:01 11:14:47	DSS-63	global	performed	sent via ftp 361	X-Band: 5105105D.ODF S-Band: 5105105F.ODF TM ON	Volume_ID added
157	1599/ 1600	684	105	15/4/05	GRV	14:05:20 12:48:30	17:05:20 17:59:59	DSS-14	global	performed	sent via ftp 362	X-Band: 5105105C.ODF S-Band: 5105105E.ODF TM ON	Volume_ID added
158	1601/ 1602		106	16/4/05	GRV	03:32:01 03:26:11	05:28:41 05:29:57	NNO	global	performed	363 new L1a&b L02_ver.2.3	TM ON; CL-files from 105	Volume_ID added
159	1605/ 1606	686	107	17/4/05	GRV	07:05:44 06:37:05	09:25:22 10:51:46	DSS-63	global	performed	sent via ftp 364	X-Band: 5107107D.ODF S-Band: 5107107F.ODF TM ON	Volume_ID added
160	1606/ 1607	686	107	17/4/05	GRV	13:48:03 12:48:39	16:08:43 17:08:53	DSS-15	global	performed	sent via ftp 365	X-Band: 5107107C.ODF S-Band: 5107107E.ODF TM ON	Volume_ID added
161	1607/ 1608		107	17/4/05	GRV	20:32:24 20:26:30	22:52:03 22:52:30	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	

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yellow: task to be completed
green: task completed
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light red: task cancelled by ESOC PTR

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
162	1609/ 1610	687	108	18/4/05	GRV	10:22:46 09:34:06	11:36:20 12:06:35	DSS-63	global	peformed	sent via ftp	X-Band: 5108108A.ODF S-Band: 5108108B.ODF TM ON	
163	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	
164	1613/ 1614	688	109	19/4/05	GRV	13:06:09 12:41:57	15:11:58 16:39:41	DSS-15	global	performed	sent via ftp	X-Band: 5109109D.ODF S-Band: 5109109C.ODF TM ON	
165	1614/ 1615		109	19/4/05	GRV	20:23:29 20:17:27	21:55:19 21:56:18	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
166	1615/ 1616		110	20/4/05	GRV	01:38:38 01:32:36	04:38:38 04:39:42	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; CL-files from DOY 109	
167	1618/ 1619		110	20/4/05	GRV	22:48:36 22:42:38	00:48:38 00:50:41	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
168	1622/ 1623		112	22/4/05	GRV	01:39:48 01:34:03	03:41:52 03:43:07	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; CL-files from DOY 111	
169	1623/ 1624	691	112	22/4/05	GRV	07:54:36 07:56:30	10:25:13 11:29:58	DSS-63	global	performed	sent via ftp	X-Band: 5112112C.ODF S-Band: 5112112B.ODF TM ON	
170	1625/ 1626		112	22/4/05	GRV	20:51:53 20:46:08	23:51:52 23:53:07	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; one NN12-D2 file missing	

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yellow: task to be completed
green: task completed
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light red: task cancelled by ESOC PTR

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
171	1626/ 1627		113	23/4/05	GRV	04:23:32 04:19:07	05:18:54 05:20:05	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
172	1627	692	113	23/4/05		10:18:36 06:15:54	11:35:54 12:04:59	DSS-63	global	performed	sent via ftp	X-Band: 5113113B.ODF S-Band: 5113113A.ODF TM ON	
173	1629/ 1630		113	23/4/05	GRV	23:45:11 23:40:07	02:45:11 02:46:07	NNO	global	perfomed	new L1a&b L02_ver.2.3	TM ON	
174	1631	693	114	24/4/05	BSR	11:34:03	12:49:03	DSS-14	Syrtis Major			TM ON	
175	1633/ 1634		115	25/4/05	GRV	02:38:24 02:33:20	05:15:08 05:15:20	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
176	1634/ 1635		115	25/4/05	GRV	09:21:45 06:10:28	11:37:25 12:05:30	DSS-63	global	performed	sent via ftp	X-Band: 5115115B.ODF S-Band: 5115115A.ODF TM ON	
177	1637/ 1638		116	26/4/05	GRV	06:39:03	08:31:42	MAD	global	cancelled by ESOC		TM ON	
178	1639/ 1640		116	26/4/05	GRV	19:52:43 19:44:31	21:58:22 22:00:31	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	

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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

Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
180	1643/ 1644		117	27/4/05	GRV	21:51:33 21:45:35	00:51:32 00:51:35	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
181	1647/ 1648		119	29/4/05	GRV	00:44:52 00:39:11	03:44:52 03:45:11	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
182	1649/ 1650		119	29/4/05	GRV	15:14:15 14:16:49	17:02:10 17:29:59	DSS-14	global	performed	sent via ftp	X-Band: 5119119C.ODF S-Band: 5119119B.ODF TM ON	
183	1650/ 1651		119	29/4/05	GRV	20:54:47 21:48:57	23:54:48 23:56:17	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
184	1651		120	30/4/05	GRV	03:38:07 03:32:19	05:01:29 05:02:54	NNO	global	performed	new L1a&b L02_ver.2.3	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			TM ON; MARSIS Deployment	
		711	132	12/5/05	GRV	10:40:00	14:45:00	DSS-14	global			TM ON; MARSIS Deployment	

end of MTP12

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

Mars Express Radio Science Experiment - Science Operations Logbook

start of MTP13

	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?	processed? archived? Volume-ID	remarks comments	check
188	1721/ 1722		139	19/5/05	GRV	18:47:50	20:25:15	NNO	global	cancelled by POS		TM ON	
189	1737/ 1738		144	24/5/05	GRV	05:42:34	08:42:35	MAD	global	cancelled by POS		TM ON	
190	1738/ 1739		144	24/5/05	GRV	12:25:52	14:43:33	GST	global	cancelled by POS		TM ON	
191	1739/ 1740		144	24/5/05	GRV	19:09:11	22:09:11	NNO	global	cancelled by POS		TM ON	
192	1743/ 1744		145	25/5/05	GRV	22:02:20	01:02:20	NNO	global	cancelled by POS		TM ON	
193	1744		146	26/5/05	PHB	03:35:03	04:35:03	NNO (CAN)	Phobos			TM ON; distance to Phobos 523 km	
193	1745		146	26/5/05	BSR	09:59:09	11:59:09	GST (MAD)	-137.36 -5.65	cancelled due to MARSIS deployment		BSR (9:59:09 - 10:59:09); BSLW (10:59:09 - 11:29:09); BCAL (11:29:09 - 11:59:09) target: stealth	
194	1746/ 1747		146	26/5/05	GRV	18:52:37	21:12:18	NNO	global	failed	Processed to new L1a&b	TM ON, only NN11(D1, D2, MT) files, no calibration files, MEX Safe mode: no RSI	
195	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	

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Mars Express Radio Science Experiment - Science Operations Logbook

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196	1749/ 1750		147	27/5/05	GRV	14:22:05	16:49:57	GST	global			TM ON	
197	1750/ 1751		147	27/5/05	GRV	21:05:23	00:05:23	NNO	global	failed	Processed to new L1a&b	TM ON, only callibration files found on DDS, MEX safe mode: no RSI	
198	1754		148	28/5/05	GRV	18:54:08	20:15:11	NNO	global	failed	Processed to new L1a&b	TM ON, only NN11(D1, D2, MT,RGN)- and calibration files, MEX safe mode: no RSI	
199	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	
200	1755/ 1756		149	29/5/05	GRV	06:41:48	09:41:47	MAD	global			TM ON	
201	1757/ 1758		149	29/5/05	GRV	20:08:24	23:08:23	NNO	global	failed	Processed to new L1a&b	TM ON, only callibration files found on DDS, MEX safe mode: no RSI	
202	1758/ 1759		150	30/5/05	GRV	02:51:37	04:39:57	NNO	gobal	failed	Processed to new L1a&b	TM ON, only callibration files found on DDS, MEX safe mode: no RSI	
203	1761/ 1762		150	30/5/05	GRV	23:01:25	02:01:25	GST	global			TM ON	
204	1762/ 1763		151	31/5/05	GRV	05:46:30	08:44:40	MAD	global			TM ON	

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205	1763/ 1764		151	31/5/05	GRV	12:27:56	15:27:56	GST	global			TM ON	
206	1767		152	1/6/05	BSR	13:53:49	15:53:49	GST	-137.66 -5.05		cancelled due to MARSIS deployment	BSR (13:53:49 - 14:53:49); BSLW (14:53:49 - 15:23:49); BCAL (15:23:49 - 15:53:49) target: stealth	
207	1770/ 1771		153	2/6/05	GRV	11:37:35	14:30:45	GST	global			TM ON	
208	1771/ 1772		153	2/6/05	GRV	18:52:48 18:12:00	21:13:59 20:41:00	NNO	global	performed	new L1a&b L02_ver.2.2	TM ON, Calibration files missing (D1, D2,RGN), RGN files missing, some Meteo files missing	
209	1774/ 1775		154	3/6/05	GRV	14:23:45	17:23:45	GST	global			TM ON	
210	1775/ 1776		154	3/6/05	GRV	21:06:59 20:27:09	00:06:59 23:33:59	NNO	global	performed	Processed to new L1a&b L02_ver.2.3	TM ON	
211	1778		155	4/6/05	GRV	12:17:12	13:33:31	GST	global			TM ON	
212	1779		155	4/6/05	GRV	19:00:30	20:16:48	NNO	global	failed	Processed to new L1a&b	TM ON, D1and D2 calibration files missing, MET NN11 files missing, RGN all files missing	
213	1779/ 1780		156	5/6/05	GRV	00:00:04	03:00:04	NNO	global	failed	Processed to new L1a&b	TM ON, Calibration files missing (D1, D2,RGN)	

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214	1782/ 1783		156	5/6/05	GRV	20:09:42 19:27:33	23:09:42 22:36:38	NNO	global	performed	Processed to new L1a&b L02_ver.2.3	TM ON	
215	1783/ 1784		157	6/6/05	GRV	02:52:58 02:09:47	04:25:57 03:51:50	NNO	global	performed	Processed to new L1a&b L02_ver.2.3	TM ON	
end of MTP13													
MTP14													
216	1785		157	6/6/05	PHB	14:39:59	15:39:59	GST	Phobos	performed		TM ON; distance to Phobos ~900 km	
217	1786/ 1787		157	6/6/05	GRV	23:00:31 22:54:36	01:13:33 01:14:37	NNO	global	performed	Processed to new L1a&b L02_ver.2.3	TM ON	

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218	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	
219	1793/ 1794		159	8/6/05	GRV	21:41:14 21:35:07	00:28:42 00:29:07	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
220	1794		160	9/6/05	PHB	03:48:26	04:48:26	MAD		cancelled by POS		TM ON; distance to Phobos 305 km	
221	1795		160	9/6/05	BSR	10:06:26	11:06:26	GST (MAD)	-6.10 -2.17	cancelled due to MARSIS deployment		TM ON; target Opportunity	
222	1799		161	10/6/05	GRV	14:06:52	15:10:52	GST	global			TM ON	
223	1804		162	11/6/05	GRV	18:12:42 18:07:26	20:17:31 19:40:53	NNO	global	failed	new L1a&b	TM ON, RGN-Calib file missing	
224	1805/ 1806		163	12/6/05	GRV	06:37:31	09:05:59	MAD	global			TM ON	
225	1806		163	12/6/05	BSR	12:03:16	13:03:16	GST	-5.94 -1.50	cancelled due to MARSIS deployment		TM ON; target Opportunity	
224	1807/ 1808		163	12/6/05	GRV	19:44:43 19:38:33	22:18:51 21:34:48	NNO	global	performed	new L1a&b	TM ON; MET-files are missing	

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225		744	165	13/6/05		09:55:00	16:10:00	DSS-14				TM ON; MARSIS deployment (Dipole #2)	
226		747	168	17/6/05		11:55:00	16:00:00	DSS-14				TM ON; MARSIS deployment (Monopole)	
227		763	184	3/7/05		16:40:00	23:25:00	DSS-43				TM ON; Bistatic Radar	

end of MTP 14

start of MTP 15

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228	1886 / 1887		185	4/7/05	GRV	23:06:07 22:59:08	01:21:44 01:24:09	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
229	1887 / 1888	765	186	5/7/05	GRV	05:04:59 04:00:10	08:04:55 09:10:48	DSS-63	global	performed	sent via ftp	X-Band: 5186186A.ODF S-Band: 5186186B.ODF TM ON	
230	1889 / 1890		186	5/7/05	GRV	18:31:24 18:09:29	20:42:33 20:43:27	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
231	1893 / 1894	767	187	6/7/05	BSR	22:48:00	23:47:59	CAN	74.92 -60.85			TM ON; Sth_Hellas	
232	1895 / 1896	767	188	7/7/05	GRV	12:15:57 11:18:51	13:50:35 14:44:59	DSS-14	global	performed	sent via ftp	X-Band: 5188188B.ODF S-Band: 5188188C.ODF TM ON	

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233	1897 / 1898		189	8/7/05	GRV	01:37:31 01:31:58	03:01:35 03:02:58	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
234	1903 / 1904		190	9/7/05	GRV	17:46:34 17:40:05	19:36:04 19:37:16	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
235	1905 / 1906	770	191	10/7/05	GRV	07:12:01 05:43:10	09:02:33 09:51:06	DSS-63	global	performed	sent via ftp	X-Band: 5191191A.ODF S-Band: 5191191B.ODF TM ON	
236	1907 / 1908		191	10/7/05	GRV	20:26:03 20:19:00	22:28:56 22:29:49	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
237	1911 / 1912		192	11/7/05	GRV	22:21:55 22:14:15	01:21:56 01:23:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
238	1914 / 1915		193	12/7/05	GRV	18:31:28 18:21:59	20:27:29 20:32:01	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
239	1918 / 1919		194	13/7/05	GRV	21:24:21 21:18:26	00:24:14 00:25:18	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
240	1922		195	14/7/05	GRV	22:05:40	22:45:40	NNO	AscraeusMons	failed		TM ON, many files missing	
241	1922 / 1923		196	15/7/05	GRV	00:40:40 00:33:29	03:05:51 03:07:06	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	

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242	1926		197	16/7/05	GRV	00:58:20 00:50:40	01:38:20 01:39:36	NNO	OlympusMons	performed	new L1a&b L02_ver.2.3	TM ON	
243	1929 / 1930		197	16/7/05	GRV	23:19:40 23:13:58	02:19:33 02:14:58	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
244	1937 / 1938	799	200	19/7/05	GRV	06:10:12 04:12:54	08:05:17 08:36:40	DSS-63	global	performed	sent via ftp	X-Band: 5200200C.ODF S-Band: 5200200D.ODF TM ON	
245	1938 / 1939	779	200	19/7/05	GRV	12:00:24 11:50:56	14:48:27 16:23:06	DSS-15	global	performed	sent via ftp	Only X-Band: 5200200B.ODF TM ON	
246	1939		200	19/7/05	OCI	17:44:57	17:58:06	NNO	180.64 30.67	failed	new L1a&b	TM ON; loss of IFMS3 and no recoverage before end of Radio Science; no ranging either!	
247	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!	
248	1942		201	20/7/05	OCI	13:49:30	14:05:11	NNO	249.50 35.81			TM ON; IFMS 1 could not lock, only IFMS 2 & 3 should be available (not clear if this measurement is affected)	
249		780	201	20/7/05	GRV	13:34:00 13:34:41	14:05:00 16:44:58	DSS-15	global	performed	sent via ftp	Only S-Band: 5201201B.ODF TM ON	
250	1942 / 1943	780	201	20/7/05	GRV	14:31:22 13:34:41	16:44:57 16:44:58	DSS-15	global	performed	sent via ftp	Only S-Band: 5201201B.ODF TM ON	

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251	1943		201	20/7/05	OCI	20:31:37 20:27:00	20:48:01 20:49:00	NNO	249.52 35.8	performed	new L1a&b	TM ON	
252	1943 / 1944		201	20/7/05	GRV	21:24:31 21:19:00	00:24:37 00:26:00	NNO	global	performed	new L1a&b	TM ON; IFMS 1 could not lock, only IFMS 2 & 3 should be available (not clear if this measurement is affected)	
253	1945		202	21/7/05	OCI	10:05:11	11:14:11	GST	316.98 38.72			TM ON	
254	1946 / 1947		202	21/7/05	GRV	17:37:56 17:32:00	20:07:59 20:09:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
255	1947		202	21/7/05	OCI	23:22:36 23:18:00	23:40:14 23:41:00	NNO	219.41 39.55	performed	new L1a&b	TM ON	
256	1948	782	203	22/7/05	GRV	04:34:52 03:18:55	05:28:52 07:44:28	DSS-63	AscraeusMons	performed	sent via ftp	Only X-Band: 5203203C.ODF TM ON; DSS-63 has a problem with their s-band downlink, but X-band should be ok!	
257		782	203	22/7/05	GRV	05:46:00 03:18:55	06:23:00 07:44:28	DSS-63	global	performed	sent via ftp	Only X-Band: 5203203C.ODF TM ON; DSS-63 has a problem with their s-band downlink, but X-band should be ok!	
258	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	sent via ftp	Only X-Band: 5203203C.ODF TM ON	
259	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	sent via ftp	X-Band: 5203203B.ODF S-Band: 5203203D.ODF TM ON	

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260	1949 / 1950	782	203	22/7/05	GRV	13:42:43 09:38:45	16:43:41 16:49:59	DSS-15	global	performed	sent via ftp	X-Band: 5203203B.ODF S-Band: 5203203D.ODF TM ON	
261	1950		203	22/7/05	OCI	19:34:52 19:30:00	19:49:52 19:50:00	NNO	286.62 41.94	performed	new L1a&b L02_ver.2.1	TM ON	
262	1950 / 1951		203	22/7/05	GRV	20:36:11 20:30:00	23:26:59 23:28:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
263	1951/ 1952	783	204	23/7/05	GRV	03:47:47 03:37:24	04:47:44 06:43:06	DSS-63	global	performed	sent via ftp	X-Band: 5204204A.ODF S-Band: 5204204B.ODF TM ON	
264	1953 / 1954		204	23/7/05	GRV	17:31:50 17:24:11	19:36:30 19:37:39	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	all files available
265	1954		204	23/7/05	OCI	22:27:56 22:24:00	22:42:56 22:44:00	NNO	255.66 44.36	performed	new L1a&b	TM ON	
266	1956	784	205	24/7/05	BSR	10:58:14	11:58:14	DSS-14	155.91 49.44			TM ON; Nothern_Plains	
267	1957		205	24/7/05	OCI	18:38:00	18:53:00	NNO	322.34 45.95	performed	new L1a&b L02_ver.2.1	TM ON, data have a high noise level: in NN12 D1X ~ 520 mHz in S-Band: NN13 D1S ~130 mHz	
268	1957 / 1958		205	24/7/05	GRV	19:47:35	22:29:16	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON, no range files available	

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269	1958		206	25/7/05	OCI	01:18:58 01:16:00	01:36:12 01:40:00	NNO	224.51 46.42	performed	new L1a&b L02_ver.2.1	TM ON	
270	1960	785	206	25/7/05	GRV	10:35:00 09:07:35	11:24:00 11:24:59	DSS-63	global	performed	sent via ftp	X-Band: 5206206A.ODF S-Band: 5206206B.ODF TM ON	
271	1961 / 1962		206	25/7/05	GRV	22:53:15	01:22:07	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
272	1963		207	26/7/05	OCI	11:03:07	11:13:07	NNO	357.71 49.29			TM ON no files found on DDs	
273	1963 / 1964	786	207	26/7/05	GRV	12:03:00 12:05:22	14:48:25 15:49:18	DSS-15	global	performed	sent via ftp	X-Band: 5207207B.ODF S-Band: 5207207C.ODF TM ON	
274	1965		208	27/7/05	OCI	00:26:49	00:39:52	NNO	259.9 49.75	performed	new L1a&b L02_ver.2.1	TM ON	
275	1969 / 1970		209	28/7/05	GRV	04:40:13	07:07:20	MAD	global	cancelled		TM ON; Mail from John Reynolds: Madrid Pass but no Radio Science scheduled	
276	1970 / 1971	788	209	28/7/05	GRV	11:13:00 11:15:13	13:50:40 14:25:39	DSS-14	global	performed	sent via ftp	X-Band: 5209209B.ODF S-Band: 5209209C.ODF TM ON	
277	1971 / 1972		209	28/7/05	GRV	18:08:55	19:52:16	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; no NN13-D2 files	

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278	1972		209	28/7/05	OCI	23:24:51 23:21:00	23:43:51 23:44:00	NNO	295.13	52.64	performed	new L1a&b L02_ver.2.1	TM ON; data have a high noise level in X-Band (NN11 D1X ~1.715 Hz) and S-Band (NN13 D1S ~0.475 Hz) and seem to be	
279	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	sent via ftp	X-Band: 5210210B.ODF S-Band: 5210210c.ODF TM ON	
280	1973 / 1974	789	210	29/7/05	GRV	07:37:46 02:58:00	09:50:00 09:54:45	DSS-63	global		performed	sent via ftp	X-Band: 5210210B.ODF S-Band: 5210210C.ODF TM ON	
281	1974		210	29/7/05	OCI	12:59:47	13:10:47	NNO					TM ON; no files found on DDS	
282	1974 / 1975	789	210	29/7/05	GRV	14:10:00	16:43:22	DSS-15	global				TM ON	
283	1975		210	29/7/05	OCI	19:42:18 19:38:00	19:54:18 19:55:00	NNO	1.52	53.74	performed	new L1a&b L02_ver.2.1	TM ON; NN13 D2 files missing	
284	1975 / 1976		210	29/7/05	GRV	21:06:24	23:26:30	NNO	global		performed	new L1a&b L02_ver.2.3	TM ON	
285	1978		211	30/7/05	OCI	15:50:31	16:04:39	NNO					TM ON; no data available	
286	1978 / 1979		211	30/7/05	GRV	17:24:31	19:36:02	NNO	global				TM ON; no files found on DDS	

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26.04.2006, 11:42

Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
287	1979		211	30/7/05	OCI	22:29:09 22:25:17	22:48:09 22:49:17	NNO	330.17 55.21	performed	new L1a&b L02_ver.2.3	TM ON;	
288	1979 / 1980		212	31/7/05	GRV	00:03:35	00:49:10	NNO	global			TM ON; no files found on DDS	
289	1980		212	31/7/05	OCI	05:11:30	05:31:30	MAD	134.55 55.30	cancelled		TM ON; Mail from John Reynolds: Madrid Pass but no Radio Science scheduled	
290	1981		212	31/7/05	OCI	11:59:39 11:53:14	12:14:43 12:12:53	DSS-15	134.55 55.30	performed	sent via ftp	X-Band: 5212212A.ODF S-Band: 5212212B.ODF TM ON	
291	1982		212	31/7/05	OCI	18:37:47	18:58:27	NNO				TM ON; no files found on DDS	

end of MTP 15

start of MTP 16

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?	processed? archived? Volume-ID	remarks comments	check
292	1985	792	213	1/8/05	OCI	14:59:05	15:08:43	DSS-63	103.11 57.32			TM ON	
293	1986		213	1/8/05	OCI	21:30:10 21:26:00	21:52:10 21:53:00	NNO	5.31 57.67	performed	new L1a&b	TM ON, no NN13 files, some NN11 and NN12 files missing	
294	1986/ 1987		213	1/8/05	GRV	23:12:28 23:06:00	01:21:17 01:22:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; NN13-D2 files missing	

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
295	1989		214	2/8/05	OCI	17:40:42 17:52:00	18:02:42 18:02:00	NNO	71.82 58.69	performed	new L1a&b	TM ON; some files are missing	
296	1989/ 1990		214	2/8/05	GRV	19:25:18 19:19:00	21:30:45 21:31:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; no NN13-D2 files	
297	1991/ 1992	794	215	3/8/05	OCI	10:00:01 10:00:00	10:24:59 10:24:00	DSS-15	???	performed		TM ON	
298	1992	794	215	3/8/05	OCI	13:55:01 13:50:01	14:13:01 14:15:00	DSS-15	138.48 59.73	performed		TM ON	
299	1993/ 1994		215	3/8/05	GRV	22:22:11 22:16:00	00:23:16 00:35:00	NNO	global	failed	new L1a&b L02_ver.2.3	TM ON; no records between 22:30 till 22:52; no NN13-D2-file for 22:16-22:30	
300	1995	795	216	4/8/05	OCI	10:01:42 10:00:01	10:23:42 10:24:59	DSS-15	204.98 60.67	performed		TM ON	
301	1995/ 1996	795	216	4/8/05	GRV	11:50:12 09:46:57	13:49:34 13:49:35	DSS-15	global	performed	sent via ftp	X-Band: 5216216B.ODF S-Band: 5216216C.ODF TM ON	
302	1997		216	4/8/05	OCI	23:28:46 23:24:00	23:50:46 23:51:00	NNO	9.43 61.33	performed	new L1a&b L02_ver.2.3	TM ON	
303	1997/ 1998		217	5/8/05	GRV	01:19:10 01:13:00	02:02:27 02:04:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	

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26.04.2006, 11:42

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?	processed? archived? Volume-ID	remarks comments	check
304	2000		217	5/8/05	OCI	19:39:23 19:35:00	20:01:23 20:02:00	NNO	76.10 62.28	performed	new L1a&b L02_ver.2.3	TM ON; NN1-D1/D2-files only till 19:42; X-Band file has an increased noise level (NN11 D1 ~156 mHz)	
305	2001/ 2002	797	218	6/8/05	GRV	04:15:00 04:07:05	06:08:19 09:26:38	DSS-15	global	performed	sent via ftp	X-Band: 5218218B.ODF S-Band: 5218218D.ODF TM ON	
306	2002	797	218	6/8/05	OCI	08:51:00 09:07:00	09:28:25 09:32:00	DSS-63	240.57 62.91	performed		TM ON	
307	2003		218	6/8/05	GRV	14:22:56	15:02:56	GST	OlympusMons			TM ON	
308	2003/ 2004		218	6/8/05	GRV	17:44:16 17:38:00	19:34:32 19:35:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON; no NN13-D2 files	
309	2004		218	6/8/05	OCI	22:33:36 22:29:00	22:55:26 22:56:00	NNO	45.17 63.56	performed	new L1a&b	TM ON; no NN13 files (IFMS3 crashed shortly before the measurement)	
310	2005	798	219	7/8/05	OCI	05:02:00 05:17:00	05:37:00 05:36:00	DSS-63	307.48 63.90	performed		TM ON	
311	2005/ 2006		219	7/8/05	GRV	07:12:40	07:29:50	MAD (GST)	global			TM ON	
312	2006	798	219	7/8/05	OCI	12:00:00	12:22:36	DSS-15	209.66 64.17			TM ON	

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313	2006/2007	798	219	7/8/05	GRV	13:56:00 11:45:57	15:44:00 15:43:59	DSS-15	global	performed	sent via ftp	X-Band: 5219219A.ODF S-Band: 5219219C.ODF TM ON	
314	2007		219	7/8/05	OCI	18:44:12 18:40:00	19:06:12 19:07:00	NNO	111.98 64.49	performed	new L1a&b L02_ver.2.3	TM ON; NN13 G1 files missing	
315	2008		220	8/8/05	OCI	01:28:43 01:24:00	01:49:43 01:50:00	NNO	14.26 64.79	performed	new L1a&b L02_ver.2.3	TM ON; NN13 D2 files missing	
316	2011		220	8/8/05	OCI	21:38:25 21:34:00	22:00:25 22:01:00	NNO	81.20 65.69	performed	new L1a&b L02_ver.2.3	TM ON	
317	2011/2012		220	8/8/05	GRV	23:37:44 23:31:41	01:19:32 01:20:29	NNO	global	performed	new L1a&b	TM ON; NN13 D1 and D2 files missing	
318	2014		221	9/8/05	OCI	17:48:58 17:44:00	18:10:58 18:12:00	NNO	148.40 66.64	performed	new L1a&b L02_ver.2.3	TM ON; NN13 D2 files missing	
319	2015		222	10/8/05	OCI	00:32:36 00:29:00	00:54:36 00:59:00	NNO	50.70 66.90	performed	new L1a&b L02_ver.2.3	TM ON	
320	2018		222	10/8/05	OCI	20:43:29 20:39:00	21:05:29 21:06:00	NNO	117.88 67.78	performed	new L1a&b L02_ver.2.3	TM ON	
321	2018/2019		222	10/8/05	GRV	22:46:40 22:40:00	00:21:15 00:22:00	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	

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322	2019/ 2020	802	223	11/8/05	GRV	05:30:00 05:22:10	07:05:00 07:04:22	DSS-63	global	performed	sent via ftp	X-Band: 5223223C.ODF S-Band: 5223223D.ODF TM ON	
323	2021/ 2022		223	11/8/05	GRV	18:58:50 18:52:55	20:30:37 20:31:49	NNO	global	performed	new L1a&b L02_ver.2.3	TM ON	
324	2022		223	11/8/05	OCI	23:37:50 23:31:00	23:59:50 00:01:00	NNO	87.66 68.90	performed	new L1a&b L02_ver.2.3	TM ON; NN13 D2 files missing	
325	2025		224	12/8/05	OCI	19:48:30 19:44:00	20:10:30 20:11:00	NNO	155.38 69.77	performed	new L1a&b L02_ver.2.3	TM ON; CL-D1 and NN13-D2 files missing	
326	2027	804	225	13/8/05	OCI	09:15:00	09:37:47	DSS-14	320.47 70.30	failed		TM ON; RSR hardware failure, no data acquired	
327	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	
328	2029		225	13/8/05	OCI	22:43:10 22:39:00	23:05:10 23:06:00	NNO	125.60 70.81	performed	new L1a&b L02_ver.2.3	TM ON; CL-D1, some NN13-D1 and all NN13-D2 files missing	
329	2030	805	226	14/8/05	OCI	05:26:00 05:25:00	05:48:45 05:50:00	DSS-63	28.19 71.06	performed		TM ON	
330	2032		226	14/8/05	OCI	18:53:57 18:50:22	19:15:57 19:17:29	NNO	193.64 71.57	performed	new L1a&b	TM ON; just NN13 D1 + 2, AGC 1 + 2 and ME-files found on DDS	

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331	2034	806	227	15/8/05	OCI	08:06:12 08:21:00	08:43:12 08:46:00	DSS-63	359.01 72.05	performed		TM ON	
332	2036		227	15/8/05	GRV	20:05:15 20:00:09	20:45:15 20:47:08	NNO	ArsiaMons	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
333	2037	807	228	16/8/05	OCI	04:17:00 04:32:00	04:54:10 04:57:00	DSS-63	67.42 72.76	performed		TM ON	
334	2040		229	17/8/05	OCI	00:43:17 00:39:12	01:05:17 01:06:10	NNO	136.04 73.41	performed	new L1a&b	TM ON; no MET files	
335	2043		229	17/8/05	GRV	19:06:59 19:01:00	19:46:59 19:48:00	NNO	PavoniMons	performed	new L1a&b L02_ver.2.3	TM ON	
336	2045	809	230	18/8/05	OCI	10:06:30 10:25:00	10:43:30 10:44:00	DSS-15	10.96 74.37	performed		TM ON	
337	2046		230	18/8/05	OCI	17:05:16 17:01:20	17:27:16 17:28:12	NNO	274.03 74.53	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
338	2047		230	18/8/05	OCI	23:48:51 23:44:00	00:10:51 00:11:00	NNO	177.36 74.71	performed	new L1a&b	TM ON; no MET files	
339	2054		232	20/8/05	OCI	22:54:54 22:51:00	23:16:54 23:18:00	NNO	219.84 75.60	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	

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340	2057		233	21/8/05	OCI	19:06:07	19:28:07	NNO	289.79 75.83	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
341	2058		233	21/8/05	GRV	23:52:58 23:47:16	00:32:58 00:34:37	NNO	ArsiaMons	performed	new L1a&b L02_ver.2.3	TM ON; problems on IFMS 1: GRV RNG starts earlier than planned; no AGC from IFMS 1, Ranging files missing	
342	2059	813	234	22/8/05	OCI	08:18:34 08:39:00	08:55:34 08:59:00	DSS-63	96.65 75.93	performed		TM ON	
343	2061		234	22/8/05	GRV	20:02:23 19:56:18	20:42:23 20:43:18	NNO	VallesMarineris	performed	new L1a&b L02_ver.2.3	TM ON; no NN13 D2-files	
344	2061		234	22/8/05	OCI	22:01:27 21:57:06	22:23:27 22:23:56	NNO	???	performed	new L1a&b L02_ver.2.3	TM ON; no DOP 2 from IFMS 3 due to hang up of system	
345	2063	814	235	23/8/05	OCI	11:13:00 11:34:00	11:49:00 11:54:00	DSS-14	???	performed		TM ON	
346	2065		235	23/8/05	GRV	22:54:39 22:47:04	23:34:59 23:36:26	NNO	PavoniMons	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
347	2065		236	24/8/05	OCI	00:56:30 00:51:06	01:18:30 01:19:09	NNO	???	performed	new L1a&b L02_ver.2.3	TM ON; problems with IFMS 3: Doppler measurements three minutes late in starting	
			236	24/8/05	BSR	06:00:00	14:00:00	DSS-63	???			TM ON	

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348	2068		236	24/8/05	OCI	21:07:30 21:03:37	21:29:30 21:30:22	NNO	307.34 75.80	performed	new L1a&b L02_ver.2.3	TM ON; no NN13 D2-files	
349	2069	816	237	25/8/05	OCI	03:36:00 03:56:00	04:13:14 04:16:00	DSS-63	210.98 75.71	performed		TM ON	
		816	237	25/8/05	BSR	06:00:00	14:00:00	DSS-63	???			TM ON	
350	2071		237	25/8/05	OCI	17:18:52 17:15:01	17:40:52 17:42:08	NNO	17.73 75.51	performed	new L1a&b L02_ver.2.3	TM ON	
351	2072		238	25/8/05	OCI	00:02:43 23:59:00	00:24:43 00:26:00	NNO	280.79 75.42	performed	new L1a&b	TM ON, D2 NN13 files missing	
352	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		TM ON	
353	2075	817	238	26/8/05	BSR	15:36:00	17:28:00	DSS-14		performed		TM ON; RSPC_Priority_3	
354	2075		238	26/8/05	OCI	20:14:14 20:10:17	20:36:14 20:37:17	NNO	350.76 75.00	performed	new L1a&b L02_ver.2.3	TM ON; no CL-filesTM ON; RSPC_Priority_3; S-band has an increased noise level (1σ ~1.7 Hz) and shows spikes up	
355	2076		239	27/8/05	GRV	00:48:28 00:42:43	01:08:57 01:10:11	NNO	PavoniMons	performed	new L1a&b L02_ver.2.3	TM ON; no CL- and RG-files; no NN13 D2-files	

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356	2076	818	239	27/8/05	OCI	02:42:00 03:03:00	03:19:55 03:23:00	DSS-63	253.92 74.86	performed		TM ON	
357	2078	818	239	27/8/05	BSR	12:06:30	14:36:14	DSS-14		performed		TM ON; RSPC_Priority_1	
358	2079		239	27/8/05	OCI	23:09:25 23:05:09	23:31:25 23:33:07	NNO	323.28 74.34	performed	new L1a&b L02_ver.2.3	TM ON	
359	2080	819	240	28/8/05	GRV	03:25:38 03:25:53	04:20:38 06:13:32	DSS-63	ArsiaMons	performed	sent via ftp	X-Band: 5240240A.ODF S-Band: 5240240B.ODF TM ON	
360	2080	819	240	28/8/05	OCI	05:38:00 05:58:00	06:15:13 06:18:00	DSS-63	226.57 74.11	performed		TM ON	
361	2082		240	28/8/05	OCI	19:20:57 19:17:12	19:42:57 19:44:05	NNO	32.68 73.68	performed	new L1a&b L02_ver.2.3	TM ON	

end of MTP 16

start of 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?	processed? archived? Volume-ID	remarks comments	check
362	2085	820	241	29/8/05	GRV	13:16:09 13:01:22	13:56:09 13:56:09	DSS-14	Hellas	performed	sent via ftp	X-Band: 5241241A.ODF S-Band: 5241241B.ODF TM ON	
363	2086		241	29/8/05	OCI	22:16:30	22:38:30	NNO	4.30 72.75	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	

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364	2089		242	30/8/05	OCI	18:27:54	18:49:54	NNO	72.73 71.98	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
365	2091		243	31/8/05	BSR	03:58:00	04:58:00	DSS-63	-86.72 -89.75	performed		TM ON; target: South Pole	
366	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	performed		TM ON; Signal outside 2 KHz bandwidth (information from Sami Asmar)	
367	2093		243	31/8/05	OCI	21:23:32 21:21:05	21:45:32 21:46:22	NNO	43.61 70.81	performed	new L1a&b L02_ver.2.3	TM ON	
368	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		TM ON	
369	2096		244	1/9/05	OCI	17:35:17 17:31:00	17:57:17 17:58:00	NNO	111.28 69.93	performed	new L1a&b L02_ver.2.3	TM ON	
370	2097		245	2/9/05	OCI	00:19:16 00:15:00	00:41:16 00:42:00	NNO	13.83 69.93	performed	new L1a&b L02_ver.2.3	TM ON	
371	2098	824	245	2/9/05	GRV	04:36:12 04:21:21	05:16:12 07:23:08	DSS-65	PavonisMons	performed	sent via ftp	X-Band: 5245245B.ODF S-Band: 5245245C.ODF TM ON	
372	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	performed		TM ON	

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373	2100		245	2/9/05	OCI	20:30:47 20:26:22	20:52:47 20:54:10	NNO	81.28 68.65	performed	new L1a&b	TM ON; no NN13 files	
374	2102		246	3/9/05	GRV	07:28:24	08:08:24	GST (MAD)	TharsisRidge	cancelled by ESA		TM ON; cancelled due to station equipment over allocation	
375	2102		246	3/9/05	OCI	09:58:42	10:20:42	MAD (GST)	246.17 67.96	cancelled by ESA		TM ON; cancelled due to station equipment over allocation	
376	2103		246	3/9/05	OCI	16:42:38	17:04:38	NNO	148.53 67.63			TM ON; no files found on DDS	
377	2105	826	247	4/9/05	GRV	03:37:51 03:22:59	04:17:51 06:30:43	DSS-65	VallesMarineris	performed	sent via ftp	X-Band: 5247247A.ODF S-Band: 5247247B.ODF TM ON	
378	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		TM ON	
379	2107		247	4/9/05	OCI	19:38:26 19:33:00	20:00:26 20:01:00	NNO	117.79 66.27	performed	new L1a&b L02_ver.2.3	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?	processed? archived? Volume-ID	remarks comments	check
380	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		TM ON	
381	2111		248	5/9/05	GRV	19:56:17	20:36:17	MAD	Huygens	???		TM ON	

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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?	processed? archived? Volume-ID	remarks comments	check
382	2111		248	5/9/05	OCI	22:34:04	22:56:04	NNO	86.80 64.85	performed	new L1a&b L02_ver.2.3	TM ON, D2 & G1 NN13 files missing	
383	2113	828	249	6/9/05	BSR	07:57:59	08:57:59	DSS-63	-52.90 -87.10	performed		TM ON; target: ResSthPolCap	
384	2114		249	6/9/05	OCI	18:46:03 / 18:41:00	19:08:03 / 19:09:00	NNO	153.37 63.73	performed	new L1a&b L02_ver.2.3	TM ON; S-band has an increased noise level (1σ ~1.83 Hz) and shows spikes.	
385	2118		250	7/9/05	GRV	18:57:57	19:37:57	MAD	Hellas	???		TM ON	
386	2118		250	7/9/05	OCI	21:41:57 / 21:37:00	22:03:57 / 22:04:00	NNO	121.83 62.28	performed	new L1a&b L02_ver.2.3	TM ON; NN11 D1 & D2 missing	
387	2119		251	8/9/05	OCI	04:26:00	04:48:00	MAD	23.93 61.89	cancelled by ESA		TM ON; cancelled due to station equipment over allocation	
388	2121		251	8/9/05	OCI	17:53:49 / 17:49:00	18:15:19 / 18:16:00	NNO	188.09 61.16	performed	new L1a&b L02_ver.2.3	TM ON; NN13 D2 missing, S-band has an increased noise level (1σ ~1.75 Hz) and shows spikes.	
389	2122		251	8/9/05	GRV	21:50:17 / 21:44:00	22:30:17 / 22:40:00	NNO	Huygens	performed	new L1a&b L02_ver.2.3	TM ON	
390	2125		252	9/9/05	OCI	20:49:43 / 20:45:00	21:11:43 / 21:12:00	NNO	156.23 59.65	performed	new L1a&b L02_ver.2.3	TM ON; S-band has an increased noise level (1σ ~0.163 Hz) and shows spikes.	

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
391	2126	832	253	10/9/05	OCI	03:33:46 03:39:00	03:55:46 03:59:00	DSS-63	58.26 59.24	performed		TM ON	
392	2127	832	253	10/9/05	GRV	07:25:51	08:05:51	DSS-14	VallesMarineris	???		TM ON	
393	2129		253	10/9/05	OCI	23:45:41 23:42:00	00:07:41 00:08:00	NNO	124.15 58.17	performed	new L1a&b L02_ver.2.3	TM ON	
394	2135		255	12/9/05	OCI	16:09:36 16:06:00	16:31:36 16:32:00	NNO	255.85 55.85	performed	new L1a&b L02_ver.2.3	TM ON	
395	2139		256	13/9/05	OCI	19:05:41 19:00:52	19:27:41 19:28:29	NNO	223.38 54.41	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
396	2140		256	13/9/05	GRV	22:46:03 22:39:30	23:26:03 23:26:45	NNO	Hellas	performed	new L1a&b L02_ver.2.3	TM ON; NN11 G1 & G2 missing	
397	2143		257	14/9/05	OCI	22:01:27 21:57:00	22:23:27 22:24:00	NNO	190.86 52.98	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing, S-band has an increased noise level (1σ ~0.121 Hz) and shows spikes.	
398	2146		258	15/9/05	OCI	18:13:27 18:09:00	18:35:27 18:36:00	NNO	256.42 51.83	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing, NN12 has a sampling rate of 1/s but NN11 has a sampling rate of 10/s.	
399	2150		259	16/9/05	OCI	21:09:28 21:05:00	21:31:28 21:30:00	NNO	223.66 50.46	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
400	2153		260	17/9/05	OCI	17:21:12	17:43:12	NNO	289.12	49.43	performed	new L1a&b L02_ver.2.3	TM ON, D2 NN13 files missing	
401	2157		261	18/9/05	OCI	20:17:08	20:39:08	NNO	256.26	48.05	performed	new L1a&b L02_ver.2.3	TM ON; D2 NN13 files missing, S-band has an increased noise level (1σ ~0.168 Hz) and shows spikes.	
402	2158	841	262	19/9/05	OCI	03:01:04 03:06:00	03:23:04 03:26:00	DSS-63	158.02	47.48	performed		TM ON	
403	2161		262	19/9/05	OCI	23:13:02 23:08:00	23:32:02 23:36:00	NNO	223.28	46.81	performed	new L1a&b L02_ver.2.3	TM ON; no NN13 and NN12_G1&G2 files	
404	2171		265	22/9/05	OCI	18:32:11	18:54:52	NNO	320.72	43.85	cancelled		TM ON; Safe Mode Recovery Day	
405	2175		266	23/9/05	OCI	21:27:40 21:26:00	21:49:13 21:50:00	NNO	287.63	42.76	performed	new L1a&b L02_ver.2.3	TM ON; The log reports that the operator was unable to achieve solid lock on the S-Band Downlink with either	
406	2178		267	24/9/05	OCI	17:39:19 17:35:00	18:01:19 18:02:00	NNO	352.74	42.05	performed	new L1a&b L02_ver.2.3	TM ON; NN11-D file missing, S-band has an increased noise level (1σ ~0.137 Hz) and shows spikes.	
407	2182		268	25/9/05	OCI	20:34:47 20:31:00	20:56:47 20:57:00	NNO	319.53	41.11	performed	new L1a&b L02_ver.2.3	TM ON	

end of MTP 17

start of MTP 18

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
408	2189		270	27/9/05	GRV	18:10:36 18:04:00	19:15:04 19:06:00	NNO	global	performed	new L1a&b L02_ver.2.3		
409	2190		270	27/9/05	OCI	19:41:28 19:37:00	20:03:28 20:04:00	NNO	351.35 39.72	performed	new L1a&b L02_ver.2.3		
410	2193		271	28/9/05	GRV	18:50:32 18:44:00	19:30:32 19:31:00	NNO		performed	new L1a&b L02_ver.2.3	TM ON; uplink_window	
411	2194		271	28/9/05	OCI	22:36:39	22:58:39	NNO	318.04 39.02	performed	new L1a&b L02_ver.2.3		
412	2202	853	274	1/10/05	BSR	08:04:00	09:04:00	DSS-14	118.87 49.54	performed		TM ON; UtopiaPlantia	
413	2204		274	1/10/05	OCI	17:54:06 17:50:00	18:16:06 18:16:00	NNO	54.68 37.65	performed	new L1a&b L02_ver.2.3		
414	2214		277	4/10/05	GRV	15:55:26	16:35:26	NNO		performed	new L1a&b	TM ON; uplink_window; only NN11 files	
	2218		278	5/10/05	OCE	17:28:43 17:40:00	17:44:21 22:29:00	NNO	???	performed	new L1a&b	TM ON; only NN11 without AGC; OCE-test	
415	2221		279	6/10/05	GRV	14:57:02	15:37:02	NNO		???		TM ON; uplink_window; no files on DDS	

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26.04.2006, 11:42

Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
416	2232		282	9/10/05	GRV	16:50:56	17:30:56	NNO		performed	new L1a&b L02_ver.2.3	TM ON; uplink_window	
417	2236		283	10/10/05	GRV	19:43:14	20:23:14	NNO		performed	new L1a&b L02_ver.2.3	TM ON; uplink_window	
418	2237	863	284	11/10/05	GRV	02:26:24 02:11:37	03:06:24 03:06:24	DSS-63		performed	sent via ftp	X-Band: 284284C.ODF S-Band: 5284284B.ODF TM ON; uplink_window	
419	2250		287	14/10/05	GRV	17:46:15	18:26:15	NNO	Hellas	performed	new L1a&b L02_ver.2.3	TM ON	
420	2261		290	17/10/05	GRV	19:39:57	20:19:57	NNO	Hellas	performed	new L1a&b L02_ver.2.3	TM ON	
421	2267	871	292	19/10/05	BSR	13:00:00	14:00:00	DSS-14	-151.30 47.41	performed		TM ON; ArcadiaPlantia	

end of MTP 18

start of MTP 19

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?	processed? archived? Volume-ID	remarks comments	check
422	2294	879	300	27/10/05	GRV	01:20:48	02:00:48	DSS-63	Hellas			TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
423	2308	882	304	31/10/05	BSR	00:44:00	01:44:00	DSS-63	135.07 47.16	performed		TM ON; VL2	
424	2310		304	31/10/05	GRV	12:49:39 / 12:41:00	13:29:39 / 13:38:00	NNO		performed	new L1a&b L02_ver.2.3	TM ON; uplink	
425	2314		305	1/11/05	GRV	15:41:54 / 15:36:00	16:21:54 / 16:24:00	NNO	ClaritasFossae SE	failed		TM ON; only NN11-files	
426	2325	888	308	4/11/05	BSR	18:43:54	19:43:54	DSS-63	-94.82 41.54	performed		TM ON; AlbaPatera	
427	2339		312	8/11/05	GRV	15:38:08 / 15:32:00	16:18:08 / 16:19:00	NNO		performed	new L1a&b L02_ver.2.4	TM ON; uplink	
428	2342 / 2343		313	9/11/05	GRV	13:58:55	16:21:48	NNO	global	cancelled		TM ON; On DOY 313 we had only had a 40 minute pass, from 16:00z without uplink or any radiometric measurements.	
429	2343 / 2344	893	313	9/11/05	GRV	21:04:26 / 20:49:39	23:00:26 / 23:00:27	DSS-63	global	performed	sent via ftp	X-Band: 5313314B.ODF S-Band: 5313313BD.ODF TM ON	
430	2346 / 2347		314	10/11/05	GRV	16:51:10 / 16:44:45	18:38:35 / 18:40:02	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
431	2349 / 2350		315	11/11/05	GRV	13:00:18	15:24:49	NNO	global	cancelled		TM ON; On DOY 315 we didn't begin track until 16:33z, with carrier up at 18:27z. day were not flagged as Radio Science.	

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
432	2351 / 2352	896	316	12/11/05	GRV	02:26:24 02:11:35	04:51:25 04:51:27	DSS-65	global	performed	sent via ftp	X-Band: 5315316A.ODF S-Band: 5316316A.ODF TM ON	
433	2358	897	317	13/11/05	GRV	23:27:51 23:16:47	23:56:21 03:54:37	DSS-65		performed	sent via ftp	X-Band: 5317318B.ODF S-Band: 5317318A.ODF TM ON; uplink	
434	2358 / 2359		318	14/11/05	GRV	01:27:54	03:54:36	GST (MAD)	global			TM ON	
435	2361		318	14/11/05	GRV	19:28:27	19:45:53	NNO		cancelled		TM ON; uplink; cancelled because xTx is off due to power reasons	
436	2361 / 2362	898	318	14/11/05	GRV	21:37:00	00:04:32	DSS-63	global			TM ON	
437	2367 / 2368		320	16/11/05	GRV	13:55:26 13:49:37	16:24:28 16:25:37	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
438	2371		321	17/11/05	GRV	14:40:08 14:34:21	15:16:08 15:17:17	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
439	2371 / 2372		321	17/11/05	GRV	16:47:41	19:20:10	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
440	2373 / 2374	902	322	18/11/05	GRV	06:13:47 05:59:55	08:44:25 08:44:26	DSS-14	global	performed	sent via ftp	X-Band: 5322322C.ODF S-Band: 5322322B.ODF TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
2377		323	19/11/05	OCI	04:56:29	05:16:29	GST	286.42 64.78			TM ON; cancelled because xTx is off due to power reasons	
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		TM ON	
2378		323	19/11/05	GRV	15:49:10 15:39:00	17:51:39 17:52:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON; sampling rate of IFMS2 and 3 is 10 samples per second	
2379		323	19/11/05	OCI	18:21:09 18:16:00	18:43:09 18:44:00	NNO	89.06 64.94	performed	new L1a&b L02_ver.2.3	TM ON	
2381		324	20/11/05	OCI	07:47:51	08:09:51	GST	251.70 65.11			TM ON; cancelled because xTx is off due to power reasons	
2381 / 2382		324	20/11/05	GRV	11:58:24	14:01:14	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
2382		324	20/11/05	OCI	14:31:14	14:53:14	NNO	153.07 65.17	performed	new L1a&b L02_ver.2.3	TM ON	
2382 / 2383	904	324	20/11/05	GRV	20:11:26 19:41:30	21:14:29 21:14:30	DSS-14	global	performed	sent via ftp	X-Band: 5324325A.ODF S-Band: 5324324A.ODF TM ON	

end of MTP 19

start of MTP 20

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Mars Express Radio Science Experiment - Science Operations Logbook

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?	processed? archived? Volume-ID	remarks comments	check
449	2385		325	21/11/05	OCI	10:41:12	11:03:12	NNO	217.14 65.38	performed	new L1a&b L02_ver.2.3	TM ON, obviously non-coherent measurement. Data show a noise of 1.5 - 2 Hertz. 1-way, Signal outside 2 KHz bandwidth	
450	2385/ 2386		325	21/11/05	GRV	14:50:38	17:09:33	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
451	2386		325	21/11/05	OCI	17:24:33	17:46:33	NNO	118.41 65.47	performed	new L1a&b L02_ver.2.3	TM ON	
452	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		TM ON	
453	2387/ 2388	906	326	22/11/05	GRV	04:16:48 04:02:03	06:21:13 06:21:13	DSS-14	global	perfromed	sent via ftp	X-Band: 5326326B.ODF S-Band: 5326326A.ODF TM ON	
454	2389		326	22/11/05	OCI	13:34:35 13:30:00	13:56:35 13:57:00	NNO	182.55 65.64	performed	new L1a&b L02_ver.2.3	TM ON	
455	2390/ 2391	907	327	23/11/05	GRV	00:58:34 00:47:13	02:01:00 03:21:19	DSS-63	global	performed	sent via ftp	X-Band: 5327327C.ODF S-Band: 5327327B.ODF TM ON	
456	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		TM ON	
457	2391/ 2392		327	23/11/05	GRV	07:08:30	09:13:55	GST	global			TM ON	

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light red: task cancelled by ESOC PTR

	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?	processed? archived? Volume-ID	remarks comments	check
459	2393		327	23/11/05	OCI	16:27:21 16:23:00	16:49:21 16:50:00	NNO	148.14 65.88	performed	new L1a&b L02_ver.2.3	TM ON; RGD obviously locked on some spurious signal, therefore huge offset in D1 and AGC2. (see email from Marco	
460	2393/ 2394		327	23/11/05	GRV	20:55:49	22:55:29	MAD	global			TM ON	
461	2394		327	23/11/05	OCI	23:10:29	23:32:29	MAD	49.56 65.95			TM ON	
462	2394/ 2395		328	24/11/05	GRV	04:15:42	05:38:43	GST	global			TM ON	
463	2395		328	24/11/05	OCI	05:53:43	06:15:43	GST	310.93 66.01			TM ON	
464	2399/ 2400		329	25/11/05	GRV	12:51:51 12:46:00	15:14:52 14:31:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
465	2400		329	25/11/05	OCI	15:29:52 15:26:00	15:51:52 15:53:00	NNO	178.26 66.18	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -690 Hz (-150 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco	
466	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	sent via ftp	X-Band: 5329330.ODF S-Band: 5329329A.ODF TM ON; No S-band signal. Originally scheduled 1-way;	
467	2402	910	330	26/11/05	OCI	04:56:200 4:41:48	05:18:20 05:16:34	DSS-14	341.16 66.27	performed	sent via ftp	X-Band: 5330330B.ODF S-Band: 5330330A.ODF TM ON	
468	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?	processed? archived? Volume-ID	remarks comments	check

white: planned task
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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?	processed? archived? Volume-ID	remarks comments	check
469	2403		330	26/11/05	OCI	11:39:28 11:36:00	12:01:28 11:56:00	NNO	242.64 66.31	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -740 Hz (-830 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco	
470	2404		330	26/11/05	OCI	18:22:44 18:19:00	18:44:44 18:46:00	NNO	144.10 66.34	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -740 Hz (-830 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco	
471	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	sent via ftp	X-Band: 5331331D.ODF S-Band: 5331331B.ODF TM ON; Script failed to go 2-way. (information from Sami	
472	2405/ 2406	911	331	27/11/05	GRV	05:09:24 04:55:47	07:34:09 08:09:29	DSS-14	global	performed	sent via ftp	X-Band: 5331331C.ODF S-Band: 5331331A.ODF TM ON	
473	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	sent via ftp	X-Band: 5331331C.ODF S-Band: 5331331A.ODF TM ON	
474	2406/ 2407		331	27/11/05	GRV	11:52:20 11:46:00	14:17:21 13:33:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
475	2407		331	27/11/05	OCI	14:32:21 14:29:00	14:54:21 14:55:00	NNO	208.64 66.41	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -280 Hz (-80 Hz) in IFMS 1 (IFMS3) due to IFMS update in NNO (email von Marco	
476	2410		332	28/11/05	OCI	10:42:06 10:34:00	11:04:06 11:04:00	NNO	273.12 66.50	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -940 Hz (-990 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO (email von Marco	
477	2411		332	28/11/05	OCI	17:25:24 17:26:00	17:47:24 17:50:00	NNO	174.69 66.50	performed	new L1a&b L02_ver.2.3	TM ON; large offset of about -940 Hz (-770 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO (email von Marco	
478													

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Mars Express Radio Science Experiment - Science Operations Logbook

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479	2413		333	29/11/05	OCI	06:51:54 07:13:54		GST	337.74 66.55	???		TM ON	
480	2413/ 2414		333	29/11/05	GRV	10:53:00 10:47:00	13:20:04 12:36:00	NNO	global	performed	new L1a&b	TM ON, NN13 D2 files missing; large offset of about -80 Hz (-370 Hz) in IFMS 1& 2 (IFMS3) due to IFMS update in NNO	
481	2414		333	29/11/05	OCI	13:35:04 13:31:00	13:57:04 13:58:00	NNO	239.29 66.57	performed	new L1a&b L02_ver.2.4	TM ON, NN13 D2 files missing	
482	2415/ 2416	913	334	30/11/05	GRV	00:18:52 00:04:02	02:46:32 03:21:43	DSS-65	global	performed	sent via ftp	X-Band: 55334334C.ODF S-Band: 5334334B.ODF TM ON	
483	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		TM ON	
484	2417		334	30/11/05	OCI	09:47:06 09:42:00	10:06:49 10:08:00	NNO	303.94 66.62	performed	new L1a&b L02_ver.2.4	TM ON	
485	2418		334	30/11/05	OCI	16:28:03 16:20:00	16:50:03 16:51:00	NNO	205.59 66.60	performed	new L1a&b L02_ver.2.4	TM ON	
486	2419/ 2420		335	1/12/05	GRV	03:10:41	04:40:41	GST	global			TM ON	
487	2420		335	1/12/05	OCI	05:54:36	06:16:36	GST	8.78 66.61	???		TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

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489	2421/ 2422		335	1/12/05	GRV	16:36:36 16:30:00	18:13:04 18:14:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
490	2422/ 2423	915	335	1/12/05	GRV	23:19:34 23:04:45	01:49:23 02:24:31	DSS-65	global	performed	sent via ftp	X-Band: 5335336C.ODF S-Band: 5335336B.ODF TM ON	
491	2423	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		TM ON	
492	2423/ 2424		336	2/12/05	GRV	06:02:32	08:18:00	GST	global			TM ON	
493	2425		336	2/12/05	OCI	15:30:54 15:27:00	15:52:54 15:54:00	NNO	236.77 66.64	performed	new L1a&b L02_ver.2.4	TM ON, large noise in S-Band; obviously problems with IFMS3; reason unknown so far (ESA is informed)	
494	2426/ 2427		337	3/12/05	GRV	02:55:24	04:42:25	GST (MAD)	global			TM ON	
495	2427		337	3/12/05	OCI	04:57:25	05:19:25	GST	40.06 66.64	???		TM ON	
496	2427/ 2428		337	3/12/05	GRV	09:42:51 09:37:00	11:25:42 10:42:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
497	2428		337	3/12/05	OCI	11:40:42 11:37:00	12:02:42 12:04:00	NNO	301.66 66.65	performed	new L1a&b L02_ver.2.4	TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

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499	2429/ 2430	917	337	3/12/05	GRV	22:20:18 22:05:43	00:52:15 01:27:18	DSS-63	global	performed	sent via ftp	X-Band: 5337338B.ODF S-Band: 5337338A.ODF TM ON	
500	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			TM ON	
501	2431/ 2432		338	4/12/05	GRV	11:46:16 11:40:00	14:18:49 13:35:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
502	2432		338	4/12/05	OCI	14:33:49 14:30:00	14:55:49 14:57:00	NNO	268.32 66.62	performed	new L1a&b L02_ver.2.4	TM ON	
503	2435		339	5/12/05	OCI	10:43:45 10:40:00	11:05:45 11:07:00	NNO	333.45 66.65	performed	new L1a&b L02_ver.2.4	TM ON	
504	2436		339	5/12/05	OCI	17:26:57 17:23:00	17:48:57 17:50:00	NNO	235.10 66.56	performed	new L1a&b L02_ver.2.4	TM ON	
505	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		TM ON	
506	2438/ 2439		340	6/12/05	GRV	11:09:46 11:04:00	13:21:48 12:38:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
507	2439		340	6/12/05	OCI	13:36:48 13:33:00	13:58:48 14:00:00	NNO	300.22 66.53	performed	new L1a&b L02_ver.2.4	TM ON, large noise in S-Band; obviously problems with IFMS3; reason unknown so far (ESA is informed)	

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509	2441		341	7/12/05	OCI	03:03:23	03:25:23	MAD (GST)	103.70 66.49			station DSS15 not available	
510	2442/ 2443		341	7/12/05	GRV	13:39:03 13:33:00	15:30:00 15:31:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON, Filenamecrossing: NN13 G1 Data-files belong to the NN13 D2 Data-files. NN13 D1 files are missing	
511	2443		341	7/12/05	OCI	16:30:00 16:26:00	16:52:00 16:53:00	NNO	267.18 66.45	performed	new L1a&b L02_ver.2.4	TM ON	
512	2445	921	342	8/12/05	OCI	05:56:35 06:02:00	06:18:36 06:16:00	DSS-14	70.70 66.40	performed		TM ON	
513	2448		343	9/12/05	OCI	02:06:32	02:28:32	GST (MAD)	136.07 66.32			station DSS15 not available	
514	2449/ 2450		343	9/12/05	GRV	12:39:57 12:37:00	14:33:05 14:34:00	NNO	global	performed	new L1a&b	TM ON	
515	2450		343	9/12/05	OCI	15:33:05 15:29:00	15:55:05 15:58:00	NNO	299.58 66.28	performed	new L1a&b L02_ver.2.4	TM ON	
516	2450/ 2451		343	9/12/05	GRV	19:22:57	21:16:23	MAD	global			TM ON	
517	2451	923	343	9/12/05	OCI	22:16:23 22:22:00	22:38:23 22:42:00	DSS-63	201.46 66.23	performed		TM ON	
518	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?	processed? archived? Volume-ID	remarks comments	check

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519	2452		344	10/12/05	BSR	06:38:52	07:08:52	DSS-14				TM ON	
520	2453		344	10/12/05	OCI	11:43:03 11:36:00	12:05:03 12:06:00	NNO	5.14 66.15	performed	new L1a&b L02_ver.2.4	TM ON	
521	2453/ 2454		344	10/12/05	GRV	15:32:00 15:25:00	17:34:27 17:35:00	NNO	global	performed	new L1a&b L02_ver.2.4	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		TM ON	
523	2455/ 2456		345	11/12/05	GRV	05:11:00	07:21:27	GST	global			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	new L1a&b L02_ver.2.4	TM ON	
525	2457/ 2458		345	11/12/05	GRV	18:24:02	20:40:30	MAD	global			TM ON	
526	2458/ 2459		346	12/12/05	BSR	01:53:10	02:53:11	DSS-63				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	
528	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?	processed? archived? Volume-ID	remarks comments	check

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Mars Express Radio Science Experiment - Science Operations Logbook

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529	2460		346	12/12/05	OCI	10:46:13 / 10:42:00	11:08:13 / 11:11:00	NNO	37.91 65.92	performed	new L1a&b	TM ON, only NN11 files available	
530	2461/ 2462	926	346	12/12/05	GRV	21:16:00	23:57:52	MAD	global			TM ON	
531	2462	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		TM ON	
532	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		TM ON	
533	2463/ 2464		347	13/12/05	GRV	10:42:04	13:24:33	NNO	global			TM ON, NN13 D1, G1, G2, NN11 D1, D2 files are missing, waiting for retrieval of missing data	
534	2464		347	13/12/05	OCI	13:39:33 / 13:35:00	14:01:33 / 14:02:00	NNO	5.39 65.74	performed	new L1a&b L02_ver.2.4	TM ON; large noise in S-Band; obviously problems with IFMS3; reason unknown so far (ESA is informed)	
535	2465/ 2466	928	348	14/12/05	GRV	01:36:34 / 01:21:45	02:51:15 / 03:26:12	DSS-15	global	performed	sent via ftp	X-Band: 5348348B.ODF S-Band: 5348348C.ODF TM ON; No S-Band signal due to losse cable in DSN-15	
536	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	sent via ftp	X-Band: 5348348B.ODF S-Band: 5348348C.ODF TM ON	
537	2467		348	14/12/05	OCI	09:49:31 / 09:46:00	10:11:31 / 10:12:00	NNO	70.95 65.63	performed	new L1a&b L02_ver.2.4	TM ON	

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539	2468		348	14/12/05	OCI	16:32:54 16:34:00	16:54:54 16:56:00	NNO	332.83 65.58	performed	new L1a&b L02_ver.2.4	TM ON	
540	2474		350	16/12/05	OCI	08:52:49 08:49:00	09:14:49 09:16:00	NNO	104.27 65.29	performed	new L1a&b L02_ver.2.4	TM ON	
541	2475		350	16/12/05	OCI	15:36:12 15:32:16	15:58:12 15:59:21	NNO	6.23 65.21	performed	new L1a&b L02_ver.2.4	TM ON	
542	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		TM ON; No S-Band signal due to loose cable in DSS-15 (information from Sami Asmar)	
543	2477/ 2478		351	17/12/05	GRV	08:48:26 08:42:00	11:31:12 10:43:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
544	2478		351	17/12/05	OCI	11:46:12 11:42:00	12:08:12 12:10:00	NNO	71.93 65.08	performed	new L1a&b L02_ver.2.4	TM ON	
545	2481/ 2482		352	18/12/05	GRV	11:36:34 11:29:00	14:24:33 13:41:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
546	2482		352	18/12/05	OCI	14:39:33 14:35:00	15:01:33 15:03:00	NNO	39.71 64.84	performed	new L1a&b L02_ver.2.4	TM ON	
547	2483	932	352	18/12/05	OCI	21:22:54 21:28:00	21:44:54 21:48:00	DSS-63	301.58 64.80	performed		TM ON	
548	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?	processed? archived? Volume-ID	remarks comments	check

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549	2483/ 2484		353	19/12/05	GRV	01:26:33	02:39:08	GST (MAD)	global			TM ON	
	end of MTP 20												
	start of MTP 21												
550	2485		353	19/12/05	OCI	10:49:35 11:47:00	11:11:35 11:13:00	NNO	105.54 64.66	performed	new L1a&b L02_ver.2.4	TM ON, NN11 G1,G2 + NN12 G1,G2 files are missing	
551	2485/ 2486		353	19/12/05	GRV	14:28:44 14:23:00	16:24:17 16:26:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON, NN11 G1,G2 + NN12 G1,G2 files are missing	
552	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		TM ON	
553	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		TM ON	
554	2489		354	20/12/05	OCI	13:43:01 13:39:00	14:05:01 14:07:00	NNO	73.35 64.40	performed	new L1a&b L02_ver.2.4	TM ON; large noise in S-Band; obviously problems with IFMS3; reason unknown so far (ESA is informed)	
555	2490/ 2491	935	355	21/12/05	GRV	00:14:57 00:03:55	01:37:30 01:37:31	DSS-65	global	performed	sent via ftp	X-Band: 5355355B.ODF S-Band: 5355355C.ODF TM ON	
556	2492		355	21/12/05	OCI	09:53:06 09:49:00	10:15:06 10:17:00	NNO	139.30 64.19	performed	new L1a&b L02_ver.2.4	TM ON	

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557	2493		355	21/12/05	OCI	16:36:24 16:32:00	16:58:24 17:00:00	NNO	41.26 64.12	performed	new L1a&b L02_ver.2.4	TM ON	
558	2494/ 2495	936	356	22/12/05	GRV	03:07:09 02:55:47	05:03:08 06:23:13	DSS-15	global	performed	sent via ftp	X-Band: 5356356B.ODF S-Band: 5356356C.ODF TM ON; No S-Band signal due to loose cable in DSS-15	
560	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		TM ON	
561	2497/ 2498	936	356	22/12/05	GRV	23:39:27 23:36:38	01:13:14 02:33:20	DSS-65	global	performed	sent via ftp	X-Band: 5356357A.ODF S-Band: 5356357B.ODF TM ON	
562	2498	937	357	23/12/05	OCI	02:13:142 3:36:38	02:35:00 02:33:20	DSS-65	271.13 63.77	performed	sent via ftp	X-Band: 5356357A.ODF S-Band: 5356357B.ODF TM ON	
563	2499		357	23/12/05	OCI	08:56:40 08:52:53	09:18:40 09:19:38	NNO	173.18 63.66	performed	new L1a&b L02_ver.2.4	TM ON	
564	2500		357	23/12/05	OCI	15:39:57 15:55:34	16:01:57 16:02:55	NNO	75.11 63.61	performed	new L1a&b	TM ON; NN13 files missing	
565	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	sent via ftp	X-Band: 5357358A.ODF S-Band: 5357357A.ODF TM ON	
566	2501/ 2502	938	358	24/12/05	GRV	02:52:05 02:51:42	04:06:40 05:26:51	DSS-15	global	performed	sent via ftp	X-Band: 5358358A.ODF S-Band: 5358358B.ODF TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
567	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	sent via ftp	X-Band: 5358358A.ODF S-Band: 5358358B.ODF TM ON; No S-Band signal due to loose cable in DSS-15	
568	2502/ 2503		358	24/12/05	GRV	08:45:41 08:39:41	10:50:04 10:51:02	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
570	2503		358	24/12/05	OCI	11:50:04 11:45:00	12:12:04 12:13:00	NNO	141.12 63.36	performed	new L1a&b	TM ON; SPICAM; X-band goes out of lock at an altitude of about 3510 km!	
571	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	sent via ftp	X-Band: 5359359A.ODF S-Band: 5359359B.ODF TM ON; No S-Band signal due to loose cable in DSS-15	
572	2505/ 2506	939	359	25/12/05	GRV	04:49:510 1:02:52	06:59:23 06:59:24	DSS-15	global	performed	sent via ftp	X-Band: 5359359A.ODF S-Band: 5359359B.ODF TM ON	
573	2506/ 2507		359	25/12/05	GRV	11:41:53 11:36:00	13:43:30 13:45:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
574	2507		359	25/12/05	OCI	14:43:30 14:38:00	15:05:30 15:07:00	NNO	109.10 63.04	performed	new L1a&b L02_ver.2.4	TM ON	
575	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	sent via ftp	X-Band: 5360360A.ODF S-Band: 5360360B.ODF TM ON; No S-Band signal due to loose cable in DSS-15	
576	2510		360	26/12/05	OCI	10:53:42 10:50:00	11:15:42 11:17:00	NNO	175.15 62.76	performed	new L1a&b L02_ver.2.4	TM ON	

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Mars Express Radio Science Experiment - Science Operations Logbook

	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?	processed? archived? Volume-ID	remarks comments	check
577	2510/ 2511		360	26/12/05	GRV	14:34:14 14:28:00	16:35:46 16:38:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
578	2511/ 2512	940	360	26/12/05	GRV	21:09:19 21:00:07	23:20:26 00:40:38	DSS-65	global	performed	sent via ftp	X-Band: 5360361A.ODF S-Band: 5360361B.ODF TM ON	
579	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?	processed? archived? Volume-ID	remarks comments	check
580	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	sent via ftp	X-Band: 5360361A.ODF S-Band: 5360361B.ODF TM ON	
581	2513/ 2514		361	27/12/05	GRV	10:43:26 10:37:00	12:47:09 12:48:00	NNO	global	performed	new L1a&b L02_ver.2.4	TM ON	
582	2514		361	27/12/05	OCI	13:47:09 13:43:00	14:09:09 14:11:00	NNO	143.16 62.42	performed	new L1a&b L02_ver.2.4	TM ON	
583	2515	941	361	27/12/05	OCI	20:30:302 0:15:41	20:52:30 20:50:41	DSS-65	45.19 62.33	performed	sent via ftp	X-Band: 5361362B.ODF S-Band: 5361361A.ODF TM ON	
584	2517		362	28/12/05	OCI	09:57:15 09:53:00	10:19:15 10:21:00	NNO	209.23 62.14	performed	new L1a&b L02_ver.2.4	TM ON	
585	2517/ 2518		362	28/12/05	GRV	13:26:47 13:21:00	16:26:47 16:28:00	NNO	global	performed	new L1a&b	TM ON	
586	2518/ 2519	942	362	28/12/05	GRV	20:51:42 20:40:17	22:24:04 23:44:15	DSS-65	global	performed	sent via ftp	X-Band: 5362362A.ODF S-Band: 5362362B.ODF TM ON	

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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	sent via ftp	X-Band: 5362362A.ODF S-Band: 5362362B.ODF TM ON	
2521		363	29/12/05	OCI	12:50:51 12:47:00	13:12:51 13:13:00	NNO	177.28 61.75	performed	new L1a&b L02_ver.2.4	TM ON	
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	sent via ftp	X-Band: 5363363A.ODF S-Band: 5363363B.ODF TM ON	
2524		364	30/12/05	OCI	09:00:56 08:56:00	09:22:56 09:31:00	NNO	243.33 61.47	performed	new L1a&b L02_ver.2.4	TM ON	
2525		364	30/12/05	OCI	15:44:21 15:40:00	16:06:21 16:08:00	NNO	145.33 61.37	performed	new L1a&b L02_ver.2.4	TM ON	
2525/ 2526	944	364	30/12/05	GRV	20:18:31 20:16:23	21:27:42 22:47:50	DSS-65	global	performed	sent via ftp	X-Band: 5364364A.ODF S-Band: 5364364B.ODF TM ON	
2526	944	364	30/12/05	OCI	22:27:42 20:16:23	22:49:42 22:47:50	DSS-65	47.38 61.26	performed	sent via ftp	X-Band: 5364364A.ODF S-Band: 5364364B.ODF TM ON	
2527	945	365	31/12/05	OCI	05:11:04	05:33:04	DSS-65	309.34 61.19			TM ON	
2527/ 2528		365	31/12/05	GRV	08:37:41 09:03:00	10:54:28 10:56:00	NNO	global	performed	new L1a&b	TM ON	

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597	2528		365	31/12/05	OCI	11:54:28 11:49:00	12:16:28 12:19:00	NNO	211.42 61.05	performed	new L1a&b L02_ver.2.4	TM ON	
598	2529		365	31/12/05	OCI	18:37:51	18:59:51	MAD	113.42 60.97			TM ON	

to be continued in MaRS_ops_logbook 06_I1_R0

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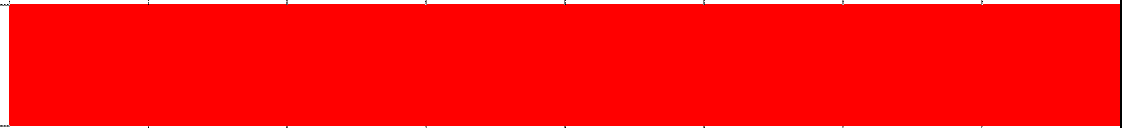grey: status of operation? to be checked
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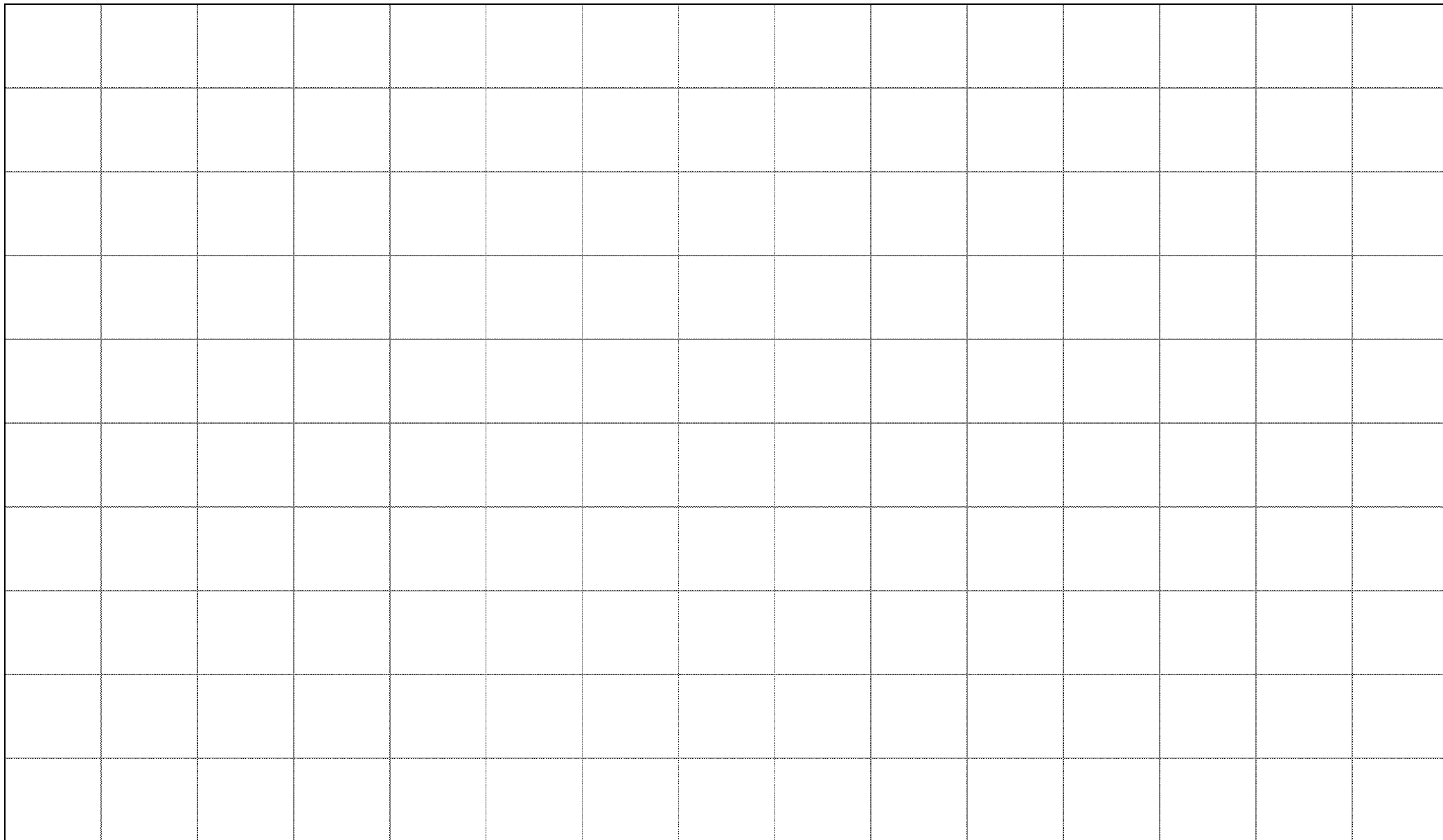grey: status of operation? to be checked
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