

Mars Express Radio Science Experiment - Science Operations Logbook

additional NN12 measurements (sequel to MaRS_ops_logbook 09)													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
1	7690		001	1/1/10	GRV	2:50:00	5:20:00	CEB	Global	successfully performed	2299	L1a&b L02	
2	7691		001	1/1/10	GRV	15:15:00	17:45:00	NNO	Global	partially performed	2282	L1a&b L02	
3	7695		002	2/1/10	GRV	18:50:00	21:20:00	NNO	Global	partially performed	2283	L1a&b L02	
4	7698		003	3/1/10	GRV	15:30:00	18:00:00	NNO	Global	partially performed	2284	L1a&b L02	
5	7703		005	5/1/10	GRV	2:00:00	4:30:00	CEB	Global	successfully performed	2300	L1a&b L02	
6	7706		005	5/1/10	GRV	17:15:00	19:45:00	NNO	Global	partially performed	2285	L1a&b L02	
7	7707		006	6/1/10	GRV	0:45:00	2:15:00	CEB	Global	successfully performed	2301	L1a&b L02	
8	7707		006	6/1/10	GRV	5:30:00	8:00:00	CEB	Global	successfully performed	2302	L1a&b L02	
9	7709		006	6/1/10	GRV	14:35:00	16:05:00	NNO	Global	partially performed	2286	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
10	7710		006	6/1/10	GRV	20:50:00	23:20:00	NNO	Global	partially performed	2287	L1a&b L02	

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

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11	7710		007	7/1/10	GRV	2:15:00	4:45:00	CEB	Global	successfully performed	2303	L1a&b	L02
12	7714		008	8/1/10	GRV	0:45:00	2:15:00	CEB	Global	performed	2304	L1a&b	L02
13	7714		008	8/1/10	GRV	5:50:00	8:20:00	CEB	Global	performed	2305	L1a&b	L02
14	7716		008	8/1/10	GRV	19:40:00	22:10:00	NNO	Global	partially performed	2288	L1a&b	L02
15	7718		009	9/1/10	GRV	4:00:00	6:30:00	CEB	Global	successfully performed	2306	L1a&b	L02
16	7719		009	9/1/10	GRV	16:20:00	18:50:00	NNO	Global	partially performed	2289	L1a&b	L02
17	7721		010	10/1/10	GRV	0:55:00	3:25:00	CEB	Global	successfully performed	2307	L1a&b	L02
18	7723		010	10/1/10	GRV	19:55:00	22:25:00	NNO	Global	partially performed	2290	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
19	7724		011	11/1/10	GRV	2:50:00	5:20:00	CEB	Global	successfully performed	2308	L1a&b	L02
20	7726		011	11/1/10	GRV	16:40:00	19:10:00	NNO	Global	partially performed	2291	L1a&b	L02
21	7727		012	12/1/10	GRV	0:55:00	3:25:00	CEB	Global	successfully performed	2309	L1a&b	L02
22	7730		012	12/1/10	GRV	14:45:00	17:15:00	NNO	Global	partially performed	2292	L1a&b	L02

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23	7730		012	12/1/10	GRV	20:15:00	22:45:00	NNO	Global	partially performed	2293	L1a&b	L02
24	7731		013	13/1/10	GRV	3:05:00	5:35:00	CEB	Global	successfully performed	2310	L1a&b	L02
25	7735		014	14/1/10	GRV	1:00:00	3:30:00	CEB	Global	successfully performed	2311	L1a&b	L02
26	7736		014	14/1/10	GRV	13:45:00	16:15:00	NNO	Global	partially performed	2294	L1a&b	L02
27	7737		014	14/1/10	GRV	20:30:00	22:00:00	NNO	Global	partially performed	2295	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
28	7739		015	15/1/10	GRV	4:45:00	6:15:00	CEB	Global	successfully performed	2312	L1a&b	L02
29	7741		016	16/1/10	GRV	1:10:00	2:40:00	CEB	Global	performed	2313	L1a&b	L02
30	7743		016	16/1/10	GRV	13:50:00	16:20:00	NNO	Global	partially performed	2296	L1a&b	L02
31	7744		016	16/1/10	GRV	20:45:00	23:15:00	NNO	Global	partially performed	2297	L1a&b	L02
32	7746		017	17/1/10	GRV	5:00:00	7:30:00	CEB	Global	successfully performed	2314	L1a&b	L02
33	7747		017	17/1/10	GRV	17:30:00	20:00:00	NNO	Global	partially performed	2298	L1a&b	L02
34	7749		018	18/1/10	GRV	1:10:00	3:40:00	CEB	Global	successfully performed	2315	L1a&b	L02

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35	7752		019	19/1/10	GRV	3:55:00	6:25:00	CEB	Global	successfully performed	2316	L1a&b	L02
36	7755		020	20/1/10	GRV	1:15:00	3:45:00	CEB	Global	successfully performed	2317	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
37	7759		021	21/1/10	GRV	4:15:00	6:45:00	CEB	Global	successfully performed	2318	L1a&b	L02
38	7762		022	22/1/10	GRV	1:20:00	3:50:00	CEB	Global	successfully performed	2319	L1a&b	L02
39	7766		023	23/1/10	GRV	4:25:00	6:55:00	CEB	Global	successfully performed	2320	L1a&b	L02
40	7769		024	24/1/10	GRV	1:25:00	3:55:00	CEB	Global	successfully performed	2321	L1a&b	L02
41	7773		025	25/1/10	GRV	4:45:00	7:15:00	CEB	Global	successfully performed	2322	L1a&b	L02
42	7776		026	26/1/10	GRV	1:30:00	4:00:00	CEB	Global	successfully performed	2323	L1a&b	L02
43	7780		027	27/1/10	GRV	5:00:00	7:30:00	CEB	Global	successfully performed	2324	L1a&b	L02
44	7783		028	28/1/10	GRV	1:45:00	4:15:00	CEB	Global	performed	2325	L1a&b	L02
45	7787		029	29/1/10	GRV	5:15:00	7:45:00	CEB	Global	successfully performed	2326	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?

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46	7790		030	30/1/10	GRV	2:00:00	4:30:00	CEB	Global	performed	2327	L1a&b	L02
47	7795		031	31/1/10	GRV	12:30:00	15:00:00	NNO	Global	partially performed	2328	L1a&b	L02
48	7796		031	31/1/10	GRV	19:25:00	21:55:00	NNO	Global	partially performed	2329	L1a&b	L02
49	7797		032	1/2/10	GRV	2:15:00	4:45:00	CEB	Global	successfully performed	2330	L1a&b	L02
50	7811		036	5/2/10	GRV	2:50:00	5:20:00	CEB	Global	successfully performed	2331	L1a&b	L02
51	7814		037	6/2/10	GRV	2:00:00	3:30:00	CEB	Global	successfully performed	2332	L1a&b	L02
52	7817		037	6/2/10	GRV	14:40:00	17:10:00	NNO	Global	partially performed	2333	L1a&b	L02
53	7820		038	7/2/10	GRV	16:55:00	19:25:00	NNO	Global	partially performed	2334	L1a&b	L02
end of additional NN12 measurements													
start of MTP75													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
54	7829		041	10/2/10	BSR	6:52:25	09:06:08	DSS-14		successfully performed	2335		
55	7852		047	16/2/10	GRV	22:34:45	23:44:45	NNO		cancelled by MPS	2336		
56	7864		051	20/2/10	BSR	8:29:24	10:54:55	DSS-14		successfully performed	2337		

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57	7873		053	22/2/10	PHO	23:03:56	23:51:16	DSS-63	Phobos test	successfully performed	2338	L1a&b	L02
58	7878		055	24/2/10	BSR	9:45:26	11:56:45	DSS-14		successfully performed	2339		
59	7880		055	24/2/10	PHO	23:14:59	00:29:17	DSS-63	Phobos Test	successfully performed	2340	L1a&b	L02
60	7902		062	3/3/10	GRV	3:30:22	04:00:22	NNO		cancelled by MPS	2341		
61	7902		062	3/3/10	GRV	6:40:23	08:10:23	DSS-15		successfully performed	2342	L1a&b	L02
62	7902		062	3/3/10	GRV	9:47:37	10:56:37	DSS-43		successfully performed	2343	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
63	7903		062	3/3/10	PHO	14:12:38	15:37:38	NNO		successfully performed	2344	L1a&b	L02
64	7903		062	3/3/10	GRV	17:05:02	19:15:37	DSS-63		successfully performed	2345	L1a&b	L02
	7903		062	3/3/10	OCI	17:05:02	19:15:37	DSS-63		successfully performed	2601	L1a&b	L02
65	7904		062	3/3/10	PHO	20:17:02	23:47:17	DSS-63	Phobos	successfully performed	2346	L1a&b	L02
66	7905		063	4/3/10	GRV	4:32:18	07:24:39	DSS-14		successfully performed	2347	L1a&b	L02
end of MTP75													
start of MTP76													

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	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
67	7919		067	8/3/10	OCC	3:14:22	03:36:22	DSS-15		successfully performed	2348	L1a&b L02	
68	7919		067	8/3/10	GRV	7:26:54	08:38:53	DSS-15		partially performed	2349	L1a&b L02	
69	7919		067	8/3/10	OCC	10:11:48	10:33:48	DSS-15		successfully performed	2350	L1a&b L02	
70	7927		069	10/3/10	GRV	15:05:27	17:01:55	NNO	Global	successfully performed	2351	L1a&b L02	
71	7931		070	11/3/10	GRV	13:16:22	14:34:32	NNO	Global	successfully performed	2352	L1a&b L02	
72	7933		071	12/3/10	OCC	4:37:42	4:59:42	DSS-15		successfully performed	2353	L1a&b L02	
73	7933		071	12/3/10	GRV	8:49:17	10:32:54	DSS-15		successfully performed	2354	L1a&b L02	
74	7937		072	13/3/10	OCC	8:27:12	8:49:12	DSS-15		successfully performed	2355	L1a&b L02	
75	7937		072	13/3/10	GRV	12:38:31	14:25:48	NNO	Global	performed	2356	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
76	7940		073	14/3/10	OCC	12:16:39	12:38:39	NNO		successfully performed	2357	L1a&b L02	
77	7942		073	14/3/10	GRV	23:25:00	1:28:02	DSS-15		successfully performed	2358	L1a&b L02	

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

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78	7943		074	15/3/10	GRV	6:22:23	8:52:54	DSS-15		successfully performed	2359	L1a&b	L02
79	7946		075	16/3/10	GRV	3:32:22	6:04:49	DSS-15		successfully performed	2360	L1a&b	L02
80	7949		076	17/3/10	GRV	0:06:11	2:56:59	DSS-15		performed(-)	2361	L1a&b	
81	7950		076	17/3/10	GRV	7:03:35	8:04:46	DSS-15		performed(-)	2362	L1a&b	
82	7952		076	17/3/10	GRV	15:19:36	16:36:56	NNO	Global	successfully performed	2363	L1a&b	L02
83	7954		077	18/3/10	GRV	10:52:47	13:27:43	NNO	Global	successfully performed	2364	L1a&b	L02
84	7956		078	19/3/10	OCC	3:34:42	3:56:42	DSS-15		partially performed	2365	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
85	7957		078	19/3/10	GRV	7:44:46	8:45:45	DSS-15		performed(-)	2366	L1a&b	L02
86	7962		079	20/3/10	OCC	14:13:54	14:35:54	NNO		cancelled by MPS	2367		
87	7964		080	21/3/10	OCC	11:13:42	11:35:42	NNO		successfully performed	2368	L1a&b	L02
88	7965		080	21/3/10	GRV	15:23:13	16:22:56	NNO	Global	successfully performed	2369	L1a&b	L02
89	7968		081	22/3/10	OCC	8:01:38	08:23:38	NNO		cancelled by MPS	2370		

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90	7976		083	24/3/10	GRV	14:36:06	16:11:11	NNO	Global	successfully performed	2371	L1a&b	L02
91	7978		084	25/3/10	GRV	10:15:26	13:04:02	NNO	Global	successfully performed	2372	L1a&b	L02
92	7982		085	26/3/10	GRV	14:14:00	15:16:51	NNO	Global	successfully performed	2373	L1a&b	L02
93	7986		086	27/3/10	OCC	13:56:24	14:18:24	NNO		cancelled by MPS	2374		
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
94	7988		087	28/3/10	OCC	11:03:40	11:25:40	NNO		successfully performed	2375	L1a&b	L02
95	7990		088	29/3/10	OCC	1:03:10	1:25:10	DSS-15		successfully performed	2376	L1a&b	L02
96	7995		089	30/3/10	GRV	10:27:56	11:57:55	NNO	Global	successfully performed	2377	L1a&b	L02
97	7999		090	31/3/10	OCC	9:00:49	9:22:49	NNO		successfully performed	2378	L1a&b	L02
98	7999		090	31/3/10	GRV	13:49:56	15:53:55	NNO	Global	successfully performed	2379	L1a&b	L02
99	8002		091	1/4/10	GRV	10:10:53	11:09:20	NNO	Global	successfully performed	2380	L1a&b	L02
100	8009		093	3/4/10	GRV	11:04:11	13:58:30	NNO	Global	successfully performed	2381	L1a&b	L02
end of MTP76													
start of MTP77													

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	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
101	8016		095	5/4/10	GRV	12:03:06	14:27:59	NNO	Global	successfully performed	2382	L1a&b L02	
102	8022		097	7/4/10	OCC	1:45:25	02:07:25	NNO		cancelled by MPS	2383		
103	8023		097	7/4/10	GRV	11:20:02	14:21:57	NNO	Global	successfully performed	2384	L1a&b L02	
104	8026		098	8/4/10	GRV	10:02:52	11:37:16	NNO	Global	successfully performed	2385	L1a&b L02	
105	8026		098	8/4/10	OCC	12:52:58	13:14:58	NNO		successfully performed	2386	L1a&b L02	
106	8028		099	9/4/10	GRV	0:33:30	1:36:31	DSS-15		successfully performed	2387	L1a&b L02	
107	8028		099	9/4/10	OCC	2:52:19	3:14:19	DSS-15		successfully performed	2388	L1a&b L02	
108	8030		099	9/4/10	GRV	11:41:20	15:03:15	NNO	Global	successfully performed	2389	L1a&b L02	
109	8033		100	10/4/10	GRV	10:59:16	12:35:50	NNO	Global	successfully performed	2390	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
110	8033		100	10/4/10	OCC	13:50:58	14:12:58	NNO		successfully performed	2391	L1a&b L02	
111	8036		101	11/4/10	GRV	1:50:39	2:35:06	DSS-15		successfully performed	2392	L1a&b L02	

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112	8036		101	11/4/10	OCC	3:50:21	4:12:21	DSS-15		successfully performed	2393	L1a&b	L02
113	8037		101	11/4/10	OCC	10:50:04	11:12:05	NNO		successfully performed	2394	L1a&b	L02
114	8039		102	12/4/10	GRV	3:08:20	6:30:15	DSS-15		successfully performed	2395	L1a&b	L02
115	8043		103	13/4/10	GRV	8:58:47	11:29:42	NNO	Global	successfully performed	2396	L1a&b	L02
116	8045		103	13/4/10	GRV	23:34:51	1:29:06	DSS-15		successfully performed	2397	L1a&b	L02
117	8051		105	15/4/10	GRV	10:45:42	11:31:13	NNO	Global	successfully performed	2398	L1a&b	L02
118	8051		105	15/4/10	OCC	12:46:27	13:08:27	NNO		successfully performed	2399	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
119	8052		106	16/4/10	OCC	2:45:55	3:07:55	DSS-15		successfully performed	2400	L1a&b	L02
120	8053		106	16/4/10	GRV	5:53:48	7:52:55	DSS-15		successfully performed	2401	L1a&b	L02
121	8055		106	16/4/10	BSR	21:05:38	23:45:38	DSS-63		successfully performed	2402		
122	8057		107	17/4/10	GRV	8:34:35	10:41:41	NNO	Global	successfully performed	2403	L1a&b	L02
123	8058		107	17/4/10	OCC	13:44:39	14:06:39	NNO		successfully performed	2404	L1a&b	L02

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 light red: task cancelled by ESOC PTR

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124	8061		108	18/4/10	GRV	8:45:05	10:24:17	NNO	Global	successfully performed	2405	L1a&b	L02
125	8061		108	18/4/10	GRV	13:11:17	14:35:35	NNO	Global	successfully performed	2406	L1a&b	L02
126	8064		109	19/4/10	GRV	6:07:12	7:37:05	DSS-15		successfully performed	2407	L1a&b	L02
127	8071		111	21/4/10	GRV	7:04:52	8:20:53	DSS-15		successfully performed	2408	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
128	8076		112	22/4/10	GRV	23:32:56	0:57:54	DSS-65		successfully performed	2409	L1a&b	L02
129	8081		114	24/4/10	GRV	4:35:50	5:22:13	DSS-15		successfully performed	2410	L1a&b	L02
130	8081		114	24/4/10	OCC	6:38:12	7:00:12	DSS-15		successfully performed	2411	L1a&b	L02
131	8082		114	24/4/10	GRV	11:34:24	12:22:50	NNO	Global	successfully performed	2412	L1a&b	L02
132	8082		114	24/4/10	OCC	13:37:53	13:59:53	NNO		successfully performed	2413	L1a&b	L02
133	8085		115	25/4/10	BSR	8:45:44	10:43:44	DSS-43		successfully performed	2414		
134	8085		115	25/4/10	GRV	13:12:55	14:54:54	NNO	Global	successfully performed	2415	L1a&b	L02
135	8105		121	1/5/10	GRV	8:51:40	10:31:50	NNO	Global	successfully performed	2416	L1a&b	L02

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

136	8106		121	1/5/10	OCC	13:30:47	13:52:47	NNO		successfully performed	2417	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
137	8106		121	1/5/10	BSR	18:51:03	20:36:04	DSS-63		successfully performed	2418		
end of MTP77													
start of MTP78													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
138	8115		124	4/5/10	GRV	7:06:07	7:42:55	DSS-15		successfully performed	2419	L1a&b L02	
139	8129		128	8/5/10	BSR	4:41:29	6:55:29	DSS-43		successfully performed	2420		
140	8129		128	8/5/10	GRV	9:47:41	12:05:08	NNO	Global	performed	2421	L1a&b L02	
141	8129		128	8/5/10	OCN	13:23:57	13:45:58	NNO		performed	2422	L1a&b	
142	8132		129	9/5/10	GRV	1:57:40	3:27:18	DSS-15		successfully performed	2423	L1a&b	
143	8133		129	9/5/10	OCN	10:23:12	10:45:12	NNO		successfully performed	2424	L1a&b L02	
144	8134		129	9/5/10	GRV	19:49:25	23:52:55	DSS-65		successfully performed	2425	L1a&b L02	
145	8135		130	10/5/10	GRV	2:14:26	06:46:15	NNO		cancelled by MPS	2426		

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

146	8138		131	11/5/10	GRV	1:12:36	3:45:30	DSS-15		successfully performed	2427	L1a&b	L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?	
147	8142		132	12/5/10	GRV	2:43:25	5:12:02	DSS-15		successfully performed	2428	L1a&b	L02	
148	8148		134	14/5/10	GRV	1:04:15	2:18:08	DSS-15		successfully performed	2429	L1a&b	L02	
149	8149		134	14/5/10	GRV	4:10:33	5:32:55	DSS-15		successfully performed	2430	L1a&b	L02	
150	8153		135	15/5/10	GRV	8:25:26	12:51:56	NNO	Global	successfully performed	2431	L1a&b	L02	
151	8155		135	15/5/10	BSR	18:37:20	20:48:20	DSS-63		successfully performed	2432			
152	8156		136	16/5/10	GRV	6:20:02	8:56:35	NNO	Global	successfully performed	2433	L1a&b	L02	
153	8156		136	16/5/10	OCN	10:16:56	10:38:57	NNO		successfully performed	2434	L1a&b	L02	
154	8163		138	18/5/10	GRV	8:08:39	9:59:11	NNO	Global	successfully performed	2435	L1a&b	L02	
155	8163		138	18/5/10	OCN	11:14:55	11:36:55	NNO		successfully performed	2436	L1a&b	L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?	
156	8170		140	20/5/10	GRV	7:38:17	11:38:42	NNO	Global	successfully performed	2437	L1a&b	L02	

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

157	8177		142	22/5/10	GRV	9:31:40	11:54:01	NNO	Global	successfully performed	2438	L1a&b	L02
158	8177		142	22/5/10	OCN	13:10:31	13:32:31	NNO		successfully performed	2439	L1a&b	L02
159	8178		142	22/5/10	BSR	18:30:44	20:41:44	DSS-63		successfully performed	2440		
160	8180		143	23/5/10	GRV	6:02:23	8:53:05	NNO	Global	successfully performed	2441	L1a&b	L02
161	8180		143	23/5/10	OCN	9:57:24	10:19:24	NNO		cancelled by MPS	2442		
162	8187		145	25/5/10	GRV	8:01:39	9:50:31	NNO	Global	successfully performed	2443	L1a&b	L02
163	8187		145	25/5/10	OCN	11:07:34	11:29:34	NNO		successfully performed	2444	L1a&b	L02
164	8194		147	27/5/10	GRV	5:57:24	09:05:01	NNO		cancelled by MPS	2445		
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
165	8195		147	27/5/10	OCN	12:05:30	12:27:30	NNO		successfully performed	2446	L1a&b	L02
166	8201		149	29/5/10	OCN	5:50:54	06:12:54	NNO		cancelled by MPS	2447		
167	8202		149	29/5/10	OCN	12:50:38	13:12:38	NNO		cancelled by MPS	2448		
168	8204		150	30/5/10	GRV	5:50:59	8:45:25	NNO	Global	performed	2449	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

169	8204		150	30/5/10	OCN	10:02:26	10:24:26	NNO		performed	2450	L1a&b	L02	
end of MTP78														
start of MTP79														
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?	
170	8211		152	1/6/10	GRV	5:49:34	9:42:01	NNO	Global	successfully performed	2451	L1a&b	L02	
171	8211		152	1/6/10	OCC	11:00:23	11:22:23	NNO		successfully performed	2452	L1a&b	L02	
172	8218		154	3/6/10	GRV	7:27:16	10:39:43	NNO	Global	successfully performed	2453	L1a&b	L02	
173	8218		154	3/6/10	OCC	11:58:32	12:20:32	NNO		successfully performed	2454	L1a&b	L02	
174	8225		156	5/6/10	GRV	8:33:53	11:40:33	NNO	Global	performed	2455	L1a&b	L02	
175	8225		156	5/6/10	OCC	12:56:41	13:18:41	NNO		performed	2456	L1a&b	L02	
176	8228		157	6/6/10	GRV	5:28:02	8:39:41	NNO	Global	successfully performed	2457	L1a&b	L02	
177	8228		157	6/6/10	OCC	9:56:01	10:18:01	NNO		successfully performed	2458	L1a&b	L02	
178	8229		157	6/6/10	BSR	14:21:25	16:13:22	DSS-63		successfully performed	2459			
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?	

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Mars Express Radio Science Experiment - Science Operations Logbook

179	8235		159	8/6/10	GRV	8:48:33	10:22:45	NNO	Global	successfully performed	2460	L1a&b	L02
180	8236		159	8/6/10	GRV	12:51:43	13:43:55	NNO	Global	successfully performed	2461	L1a&b	L02
181	8242		161	10/6/10	GRV	6:42:28	11:20:26	NNO	Global	successfully performed	2462	L1a&b	L02
182	8249		163	12/6/10	GRV	4:38:00	5:24:40	DSS-15	global	successfully performed	2463	L1a&b	L02
183	8249		163	12/6/10	GRV	10:30:03	12:18:02	NNO	Global	successfully performed	2464	L1a&b	L02
184	8252		164	13/6/10	GRV	5:12:17	7:07:23	NNO	Global	successfully performed	2465	L1a&b	L02
185	8253		164	13/6/10	OCC	9:49:40	10:11:40	NNO		successfully performed	2466	L1a&b	L02
186	8256		165	14/6/10	OCC	6:48:52	7:10:52	NNO		successfully performed	2467	L1a&b	L02
187	8259		166	15/6/10	GRV	7:07:53	10:26:59	NNO	Global	successfully performed	2468	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
188	8260		166	15/6/10	GRV	13:09:50	13:33:55	NNO	Global	successfully performed	2469	L1a&b	L02
189	8263		167	16/6/10	GRV	6:38:59	7:03:05	NNO	Global	successfully performed	2470	L1a&b	L02
190	8266		168	17/6/10	GRV	6:41:19	10:28:50	NNO	Global	successfully performed	2471	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

191	8266		168	17/6/10	OCC	11:45:19	12:07:19	NNO		successfully performed	2472	L1a&b	L02
192	8269		169	18/6/10	GRV	5:00:01	6:57:55	NNO	Global	successfully performed	2473	L1a&b	L02
193	8273		170	19/6/10	OCC	5:43:16	6:05:16	NNO		successfully performed	2474	L1a&b	L02
194	8273		170	19/6/10	OCC	12:43:02	13:05:02	NNO		successfully performed	2475	L1a&b	L02
195	8275		170	19/6/10	BSR	17:50:50	20:00:51	DSS-63		successfully performed	2476		
196	8277		171	20/6/10	GRV	11:37:20	13:27:55	NNO	Global	performed	2477	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
197	8280		172	21/6/10	GRV	4:53:02	6:12:36	NNO	Global	successfully performed	2478	L1a&b	L02
198	8284		173	22/6/10	GRV	8:58:34	10:11:13	NNO	Global	successfully performed	2479	L1a&b	L02
199	8284		173	22/6/10	GRV	12:34:45	13:24:55	NNO	Global	successfully performed	2480	L1a&b	L02
200	8286		174	23/6/10	GRV	4:51:19	6:45:55	NNO	Global	successfully performed	2481	L1a&b	L02
201	8290		175	24/6/10	GRV	6:44:38	8:17:56	NNO	Global	successfully performed	2482	L1a&b	L02
202	8297		177	26/6/10	OCC	5:36:12	5:58:12	NNO		successfully performed	2483	L1a&b	L02

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yellow: task to be completed

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Mars Express Radio Science Experiment - Science Operations Logbook

203	8297		177	26/6/10	GRV	7:20:11	12:06:07	NNO	Global	successfully performed	2484	L1a&b	L02
204	8300		178	27/6/10	GRV	5:04:00	8:19:28	NNO	Global	successfully performed	2485	L1a&b	L02
205	8300		178	27/6/10	OCC	9:34:55	9:56:55	NNO		successfully performed	2486	L1a&b	L02
end of MTP79													
start of MTP80													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
206	8320		184	3/7/10	GRV	2:56:10	4:51:49	DSS-15	global	successfully performed	2487	L1a&b	L02
207	8322		184	3/7/10	BSR	18:00:39	19:59:39	DSS-63		successfully performed	2488		
208	8330		186	5/7/10	GRV	22:54:38	1:12:55	DSS-15	global	successfully performed	2489	L1a&b	L02
209	8340		189	8/7/10	GRV	22:48:47	23:52:54	DSS-15		failed	2490		
210	8351		193	12/7/10	GRV	4:02:53	5:59:55	NNO	Global	successfully performed	2491	L1a&b	L02
211	8357		194	13/7/10	GRV	19:53:14	21:12:01	DSS-63	global	successfully performed	2492	L1a&b	L02
212	8358		195	14/7/10	GRV	3:58:41	6:26:43	NNO	Global	successfully performed	2493	L1a&b	L02
213	8359		195	14/7/10	GRV	9:41:25	12:59:56	NNO	Global	successfully performed	2494	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

214	8365		197	16/7/10	GRV	3:54:02	6:54:55	NNO	Global	successfully performed	2495	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
215	8369		198	17/7/10	GRV	3:51:26	5:11:51	NNO	Global	successfully performed	2496	L1a&b	L02
216	8369		198	17/7/10	GRV	7:37:37	12:11:56	NNO	Global	successfully performed	2497	L1a&b	L02
217	8372		199	18/7/10	GRV	4:09:33	8:32:30	NNO	Global	successfully performed	2498	L1a&b	L02
218	8373		199	18/7/10	GRV	11:04:08	12:52:56	NNO	Global	successfully performed	2499	L1a&b	L02
219	8393		205	24/7/10	GRV	6:36:47	11:58:44	NNO	Global	successfully performed	2500	L1a&b	L02
220	8395		205	24/7/10	GRV	21:26:21	0:42:16	DSS-15	global	successfully performed	2501	L1a&b	L02
221	8396		206	25/7/10	GRV	3:42:54	8:23:33	NNO	Global	successfully performed	2502	L1a&b	L02
222	8397		206	25/7/10	GRV	10:55:45	12:01:22	NNO	Global	successfully performed	2503	L1a&b	L02
end of MTP80													
start of MTP81													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
223	8413		211	30/7/10	GRV	0:48:35	3:56:21	DSS-15	target	successfully performed	2504	L1a&b	L02

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

224	8417		212	31/7/10	GRV	6:27:23	11:29:16	NNO	Global	successfully performed	2505	L1a&b	L02
225	8419		212	31/7/10	GRV	23:31:20	1:28:34	DSS-15	global	successfully performed	2506	L1a&b	L02
226	8421		213	1/8/10	GRV	7:05:06	8:28:08	NNO	Global	successfully performed	2507	L1a&b	L02
227	8421		213	1/8/10	GRV	10:35:06	11:53:44	NNO	Global	successfully performed	2508	L1a&b	L02
228	8431		216	4/8/10	GRV	11:34:18	12:34:54	NNO	Global	successfully performed	2509	L1a&b	L02
229	8434		217	5/8/10	GRV	5:30:45	10:22:58	NNO	Global	successfully performed	2510	L1a&b	L02
230	8437		218	6/8/10	BSR	6:08:11	8:35:11	DSS-43		successfully performed	2511		
231	8451		222	10/8/10	GRV	5:36:20	9:23:16	NNO	Global	successfully performed	2512	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
232	8452		222	10/8/10	GRV	11:19:15	12:28:54	NNO	Global	successfully performed	2513	L1a&b	L02
233	8458		224	12/8/10	GRV	5:21:59	10:38:42	NNO	Global	successfully performed	2514	L1a&b	L02
234	8460		224	12/8/10	BSR	16:02:09	17:47:09	DSS-63		successfully performed	2515		
235	8468		227	15/8/10	GRV	04:45:01	8:34:55	NNO	Global	successfully performed	2516	L1a&b	L02

white: planned task

grey: status of operation? to be checked

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

236	8469		227	15/8/10	GRV	11:00:02	12:22:55	NNO	Global	successfully performed	2517	L1a&b	L02
237	8471		228	16/8/10	GRV	0:42:33	3:27:54	DSS-15	global	successfully performed	2518	L1a&b	L02
238	8475		229	17/8/10	GRV	4:57:59	9:07:06	NNO	Global	successfully performed	2519	L1a&b	L02
239	8476		229	17/8/10	GRV	11:15:36	12:20:55	NNO	Global	successfully performed	2520	L1a&b	L02
240	8482		231	19/8/10	GRV	2:38:01	3:28:09	NNO	Global	successfully performed	2521	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
241	8482		231	19/8/10	GRV	5:23:39	10:04:34	NNO	Global	successfully performed	2522	L1a&b	L02
242	8488		232	20/8/10	GRV	23:18:43	3:13:54	DSS-15		failed	2523		
243	8489		233	21/8/10	GRV	6:11:23	09:47:54	NNO	Global	successfully performed	2524	L1a&b	L02
244	8492		234	22/8/10	GRV	4:25:01	08:01:08	NNO	Global	successfully performed	2525	L1a&b	L02
245	8493		234	22/8/10	GRV	10:10:08	11:28:48	NNO	Global	successfully performed	2526	L1a&b	L02
end of MTP81													
start of MTP82													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?

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Mars Express Radio Science Experiment - Science Operations Logbook

246	8499		236	24/8/10	GRV	4:01:17	8:00:03	NNO	Global	successfully performed	2527	L1a&b	L02
247	8500		236	24/8/10	GRV	11:33:57	12:13:55	NNO	Global	successfully performed	2528	L1a&b	L02
248	8506		238	26/8/10	GRV	4:59:05	10:18:10	NNO	Global	successfully performed	2529	L1a&b	L02
249	8513		240	28/8/10	GRV	5:56:52	7:22:29	NNO	Global	successfully performed	2530	L1a&b	L02
250	8514		240	28/8/10	GRV	9:32:34	10:53:56	NNO	Global	successfully performed	2531	L1a&b	L02
251	8515		240	28/8/10	GRV	17:06:03	18:15:04	DSS-63		performed(-)	2532	L1a&b	
252	8516		241	29/8/10	GRV	4:10:39	7:52:51	NNO	Global	successfully performed	2533	L1a&b	L02
253	8517		241	29/8/10	GRV	9:55:32	12:02:59	NNO	Global	successfully performed	2534	L1a&b	L02
254	8525		243	31/8/10	GRV	20:40:22	22:03:53	DSS-15		failed	2535		
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
255	8530		245	2/9/10	GRV	4:51:05	10:09:12	NNO	Global	successfully performed	2536	L1a&b	L02
256	8537		247	4/9/10	GRV	1:43:02	2:43:54	DSS-15	global	successfully performed	2537	L1a&b	L02
257	8537		247	4/9/10	GRV	5:49:58	10:44:59	NNO	Global	successfully performed	2538	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

258	8539		247	4/9/10	GRV	23:51:29	1:05:43	DSS-43	global	successfully performed	2539	L1a&b	L02
259	8540		248	5/9/10	GRV	3:56:29	7:43:50	NNO	Global	successfully performed	2540	L1a&b	L02
260	8541		248	5/9/10	GRV	9:47:17	11:12:53	NNO	Global	successfully performed	2541	L1a&b	L02
261	8543		249	6/9/10	GRV	3:51:56	4:42:36	NNO	Global	successfully performed	2542	L1a&b	L02
262	8544		249	6/9/10	GRV	6:46:06	11:49:28	NNO	Global	successfully performed	2543	L1a&b	L02
263	8550		251	8/9/10	GRV	3:41:25	5:39:56	NNO	Global	successfully performed	2544	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
264	8551		251	8/9/10	GRV	10:06:36	11:59:55	NNO	Global	successfully performed	2545	L1a&b	L02
265	8557		253	10/9/10	GRV	2:31:31	6:37:16	NNO	Global	successfully performed	2546	L1a&b	L02
266	8558		253	10/9/10	GRV	8:41:07	10:06:45	NNO	Global	successfully performed	2547	L1a&b	L02
267	8564		255	12/9/10	GRV	2:39:04	6:55:55	NNO	Global	successfully performed	2548	L1a&b	L02
268	8567		256	13/9/10	GRV	1:46:53	4:33:33	NNO	Global	successfully performed	2549	L1a&b	L02
269	8568		256	13/9/10	GRV	6:37:47	11:54:18	NNO	Global	successfully performed	2550	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

270	8572		257	14/9/10	GRV	10:36:18	11:55:54	NNO	Global	successfully performed	2551	L1a&b	L02
271	8574		258	15/9/10	GRV	1:42:30	5:30:59	NNO	Global	successfully performed	2552	L1a&b	L02
272	8575		258	15/9/10	GRV	7:35:26	11:53:54	NNO	Global	successfully performed	2553	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
273	8581		260	17/9/10	GRV	1:39:13	6:22:56	NNO	Global	successfully performed	2554	L1a&b	L02
274	8582		260	17/9/10	GRV	9:23:07	11:52:55	NNO	Global	successfully performed	2555	L1a&b	L02
275	8588		262	19/9/10	GRV	3:22:02	7:31:58	NNO	Global	successfully performed	2556	L1a&b	L02
276	8589		262	19/9/10	GRV	9:28:52	10:56:27	NNO	Global	successfully performed	2557	L1a&b	L02
end of MTP82													
start of MTP83													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
277	8591		263	20/9/10	GRV	3:20:01	4:26:45	NNO	Global	successfully performed	2558	L1a&b	L02
278	8592		263	20/9/10	GRV	7:23:49	9:48:54	NNO	Global	successfully performed	2559	L1a&b	L02
279	8596		264	21/9/10	GRV	10:27:50	11:49:55	NNO	Global	successfully performed	2560	L1a&b	L02

grey: status of operation? to be checked

yellow: task to be completed

green: task completed

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Mars Express Radio Science Experiment - Science Operations Logbook

280	8598		265	22/9/10	GRV	1:32:00	5:21:30	NNO	Global	successfully performed	2561	L1a&b	L02
281	8599		265	22/9/10	GRV	7:37:32	11:48:54	NNO	Global	successfully performed	2562	L1a&b	L02
282	8605		267	24/9/10	GRV	1:27:25	6:13:15	NNO	Global	successfully performed	2563	L1a&b	L02
283	8606		267	24/9/10	GRV	8:23:14	11:46:55	NNO	Global	successfully performed	2564	L1a&b	L02
284	8610		268	25/9/10	GRV	9:32:02	10:30:03	NNO	Global	successfully performed	2565	L1a&b	L02
285	8612		269	26/9/10	GRV	2:23:16	7:10:34	NNO	Global	successfully performed	2566	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
286	8613		269	26/9/10	GRV	9:25:52	10:48:32	NNO	Global	successfully performed	2567	L1a&b	L02
287	8615		270	27/9/10	GRV	2:50:02	4:25:39	NNO	Global	successfully performed	2568	L1a&b	L02
288	8616		270	27/9/10	GRV	6:20:45	11:24:59	NNO	Global	successfully performed	2569	L1a&b	L02
289	8620		271	28/9/10	GRV	10:26:51	11:43:54	NNO	Global	successfully performed	2570	L1a&b	L02
290	8622		272	29/9/10	GRV	1:16:54	5:12:44	NNO	Global	successfully performed	2571	L1a&b	L02
291	8623		272	29/9/10	GRV	7:18:36	11:42:55	NNO	Global	successfully performed	2572	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

292	8626		273	30/9/10	GRV	4:18:28	9:14:21	NNO	Global	successfully performed	2573	L1a&b	L02
293	8630		274	1/10/10	GRV	9:12:05	11:42:54	NNO	Global	successfully performed	2574	L1a&b	L02
294	8632		275	2/10/10	GRV	1:17:59	3:15:10	NNO	Global	successfully performed	2575	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
295	8633		275	2/10/10	GRV	6:10:01	10:02:24	NNO	Global	successfully performed	2576	L1a&b	L02
296	8636		276	3/10/10	GRV	2:17:59	7:07:10	NNO	Global	successfully performed	2577	L1a&b	L02
297	8637		276	3/10/10	GRV	9:14:05	11:40:59	NNO	Global	successfully performed	2578	L1a&b	L02
298	8639		277	4/10/10	GRV	1:10:01	4:06:19	NNO	Global	successfully performed	2579	L1a&b	L02
299	8640		277	4/10/10	GRV	6:15:33	9:28:54	NNO	Global	successfully performed	2580	L1a&b	L02
300	8644		278	5/10/10	GRV	9:58:58	11:29:54	NNO	Global	successfully performed	2581	L1a&b	L02
301	8650		280	7/10/10	GRV	5:04:04	09:05:40	NNO	Global	successfully performed	2582	L1a&b	L02
302	8654		281	8/10/10	GRV	8:52:01	11:36:54	NNO	Global	successfully performed	2583	L1a&b	L02
303	8656		282	9/10/10	GRV	2:00:01	3:02:47	NNO	Global	successfully performed	2584	L1a&b	L02

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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?	Volume-ID	processed?	archived?
304	8657		282	9/10/10	GRV	6:01:38	9:42:54	NNO	Global	successfully performed	2585	L1a&b L02	
305	8660		283	10/10/10	GRV	2:06:33	7:00:54	NNO	Global	successfully performed	2586	L1a&b L02	
306	8661		283	10/10/10	GRV	10:00:14	11:35:54	NNO	Global	successfully performed	2587	L1a&b L02	
307	8663		283	10/10/10	GRV	19:41:36	20:33:53	DSS-15	global	successfully performed	2588	L1a&b L02	
308	8663		284	11/10/10	GRV	0:58:01	03:11:39	NNO	Global	successfully performed	2589	L1a&b L02	
309	8664		284	11/10/10	GRV	5:55:14	10:59:09	NNO	Global	successfully performed	2590	L1a&b L02	
310	8668		285	12/10/10	GRV	9:53:17	11:34:54	NNO	Global	successfully performed	2591	L1a&b L02	
311	8670		286	13/10/10	GRV	1:05:01	4:53:57	NNO	Global	successfully performed	2592	L1a&b L02	
312	8671		286	13/10/10	GRV	7:02:53	11:33:54	NNO	Global	successfully performed	2593	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
313	8674		287	14/10/10	GRV	1:07:53	1:46:52	NNO	Global	successfully performed	2594	L1a&b L02	
314	8674		287	14/10/10	GRV	4:05:37	4:44:04	NNO	Global	successfully performed	2595	L1a&b L02	

grey: status of operation? to be checked

yellow: task to be completed

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Mars Express Radio Science Experiment - Science Operations Logbook

315	8678		288	15/10/10	GRV	9:34:34	11:32:55	NNO	Global	successfully performed	2596	L1a&b	L02
316	8680		289	16/10/10	GRV	1:02:23	2:52:24	NNO	Global	successfully performed	2597	L1a&b	L02
317	8682		289	16/10/10	GRV	8:16:08	09:32:54	NNO		cancelled by MPS	2598		
318	8684		290	17/10/10	GRV	1:48:57	6:50:50	NNO	Global	successfully performed	2599	L1a&b	L02
319	8685		290	17/10/10	GRV	9:00:23	11:30:55	NNO	Global	successfully performed	2600	L1a&b	L02
end of MTP83													
start of MTP84													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
320	8687		291	18/10/10	GRV	2:25:01	3:47:37	NNO	Global	successfully performed	2601	L1a&b	L02
321	8688		291	18/10/10	GRV	7:12:17	10:47:16	NNO	Global	successfully performed	2602	L1a&b	L02
322	8692		292	19/10/10	GRV	10:18:35	11:10:11	NNO	Global	successfully performed	2603	L1a&b	L02
323	8693		292	19/10/10	GRV	13:45:00	14:45:48	DSS-63	global	successfully performed	2604	L1a&b	L02
324	8694		293	20/10/10	GRV	0:45:19	2:58:55	NNO	Global	successfully performed	2605	L1a&b	L02
325	8704		296	23/10/10	GRV	0:44:35	2:37:55	NNO	Global	successfully performed	2606	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

326	8716		299	26/10/10	GRV	10:13:39	11:15:44	NNO	Global	successfully performed	2607	L1a&b	L02
327	8718		300	27/10/10	GRV	0:34:02	4:38:29	NNO	Global	successfully performed	2608	L1a&b	L02
328	8719		300	27/10/10	GRV	8:22:03	11:21:54	NNO	Global	partially performed	2609	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
329	8722		301	28/10/10	GRV	4:35:58	8:29:02	NNO	Global	partially performed	2610	L1a&b	L02
330	8726		302	29/10/10	GRV	8:34:40	11:18:54	NNO	Global	successfully performed	2611	L1a&b	L02
331	8728		303	30/10/10	GRV	0:36:23	2:32:21	NNO	Global	successfully performed	2612	L1a&b	L02
332	8729		303	30/10/10	GRV	5:21:34	9:32:12	NNO	Global	successfully performed	2613	L1a&b	L02
333	8732		304	31/10/10	GRV	2:32:36	6:33:44	NNO	Global	successfully performed	2614	L1a&b	L02
334	8733		304	31/10/10	GRV	9:07:15	11:16:55	NNO	Global	successfully performed	2615	L1a&b	L02
335	8735		305	1/11/10	GRV	0:27:01	3:32:41	NNO	Global	successfully performed	2616	L1a&b	L02
336	8736		305	1/11/10	GRV	6:31:09	10:29:27	NNO	Global	successfully performed	2617	L1a&b	L02
337	8740		306	2/11/10	GRV	10:17:50	11:13:53	NNO	Global	successfully performed	2618	L1a&b	L02

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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?	Volume-ID	processed?	archived?
338	8746		308	4/11/10	GRV	4:15:48	8:29:10	NNO	Global	successfully performed	2619	L1a&b L02	
339	8749		309	5/11/10	GRV	2:11:44	5:18:53	NNO	Global	successfully performed	2620	L1a&b L02	
340	8750		309	5/11/10	GRV	8:14:21	11:09:55	NNO	Global	successfully performed	2621	L1a&b L02	
341	8753		310	6/11/10	GRV	7:27:51	9:22:59	NNO	Global	successfully performed	2622	L1a&b L02	
342	8756		311	7/11/10	GRV	3:09:20	6:26:01	NNO	Global	successfully performed	2623	L1a&b L02	
343	8757		311	7/11/10	GRV	9:23:58	11:07:54	NNO	Global	successfully performed	2624	L1a&b L02	
344	8759		312	8/11/10	GRV	0:21:45	3:25:10	NNO	Global	successfully performed	2625	L1a&b L02	
345	8760		312	8/11/10	GRV	6:33:00	10:20:20	NNO	Global	successfully performed	2626	L1a&b L02	
346	8764		313	9/11/10	GRV	9:49:56	10:46:25	NNO		cancelled by MPS	2627		
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
347	8767		314	10/11/10	GRV	7:20:22	11:03:55	NNO	Global	partially performed	2628	L1a&b L02	
348	8771		315	11/11/10	GRV	7:08:01	8:16:17	NNO	Global	successfully performed	2629	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

349	8773		316	12/11/10	GRV	1:18:08	5:20:36	NNO	Global	successfully performed	2630	L1a&b	L02
350	8774		316	12/11/10	GRV	9:45:01	11:16:54	NNO	Global	successfully performed	2631	L1a&b	L02
351	8777		317	13/11/10	GRV	7:19:05	9:13:32	NNO	Global	successfully performed	2632	L1a&b	L02
352	8780		318	14/11/10	GRV	2:15:34	6:18:23	NNO	Global	successfully performed	2633	L1a&b	L02
353	8781		318	14/11/10	GRV	8:53:02	9:50:44	NNO	Global	successfully performed	2634	L1a&b	L02
end of MTP84													
start of MTP85													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
354	8782		318	14/11/10	GRV	12:38:49	13:18:04	DSS-65	global	successfully performed	2635	L1a&b	L02
355	8783		319	15/11/10	GRV	0:12:02	3:17:29	NNO	Global	successfully performed	2636	L1a&b	L02
356	8784		319	15/11/10	GRV	6:06:12	10:17:11	NNO	Global	successfully performed	2637	L1a&b	L02
357	8788		320	16/11/10	GRV	10:05:10	10:57:59	NNO	Global	successfully performed	2638	L1a&b	L02
358	8791		321	17/11/10	GRV	7:04:22	10:56:59	NNO	Global	successfully performed	2639	L1a&b	L02
359	8794		322	18/11/10	GRV	6:47:01	8:14:12	NNO	Global	successfully performed	2640	L1a&b	L02

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Mars Express Radio Science Experiment - Science Operations Logbook

360	8797		323	19/11/10	GRV	1:02:49	5:13:16	NNO	Global	successfully performed	2641	L1a&b L02	
361	8798		323	19/11/10	GRV	8:02:34	10:54:59	NNO	Global	successfully performed	2642	L1a&b L02	
362	8801		324	20/11/10	GRV	7:05:13	9:12:07	NNO	Global	successfully performed	2643	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
363	8804		325	21/11/10	GRV	1:49:28	6:11:11	NNO	Global	successfully performed	2644	L1a&b L02	
364	8805		325	21/11/10	GRV	9:00:46	10:52:59	NNO	Global	successfully performed	2645	L1a&b L02	
365	8807		326	22/11/10	GRV	1:36:01	3:10:18	NNO	Global	successfully performed	2646	L1a&b L02	
366	8808		326	22/11/10	GRV	5:25:26	9:37:00	NNO	Global	successfully performed	2647	L1a&b L02	
367	8812		327	23/11/10	GRV	6:32:01	7:09:06	NNO	Global	successfully performed	2648	L1a&b L02	
368	8812		327	23/11/10	GRV	9:58:53	10:50:59	NNO	Global	successfully performed	2649	L1a&b L02	
369	8815		328	24/11/10	GRV	6:58:02	10:49:59	NNO	Global	successfully performed	2650	L1a&b L02	
370	8818		329	25/11/10	GRV	6:24:38	8:07:00	NNO	Global	successfully performed	2651	L1a&b L02	
371	8821		330	26/11/10	GRV	1:43:23	5:06:05	NNO	Global	successfully performed	2652	L1a&b L02	

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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?	Volume-ID	processed?	archived?
372	8822		330	26/11/10	GRV	7:56:03	10:48:59	NNO	Global	successfully performed	2653	L1a&b L02	
373	8825		331	27/11/10	GRV	6:19:01	9:04:54	NNO	Global	successfully performed	2654	L1a&b L02	
374	8828		332	28/11/10	GRV	2:03:36	6:03:59	NNO	Global	successfully performed	2655	L1a&b L02	
375	8829		332	28/11/10	GRV	8:40:54	9:33:05	NNO	Global	successfully performed	2656	L1a&b L02	
376	8831		332	28/11/10	GRV	22:51:14	0:13:59	DSS-15		performed(-)	2657	L1a&b	
377	8831		333	29/11/10	GRV	1:31:01	2:48:18	NNO	Global	successfully performed	2658	L1a&b L02	
378	8832		333	29/11/10	GRV	5:16:24	10:00:24	NNO	Global	successfully performed	2659	L1a&b L02	
379	8836		334	30/11/10	GRV	6:10:01	6:42:35	NNO	Global	successfully performed	2660	L1a&b L02	
380	8836		334	30/11/10	GRV	9:30:58	10:45:59	NNO	Global	successfully performed	2661	L1a&b L02	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
381	8838		334	30/11/10	GRV	23:58:01	0:28:00	NNO	Global	successfully performed	2662	L1a&b L02	
382	8842		336	2/12/10	GRV	6:02:35	7:59:47	NNO	Global	successfully performed	2663	L1a&b L02	

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

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383	8846		337	3/12/10	GRV	8:28:55	10:42:59	NNO	Global	successfully performed	2664	L1a&b	L02
384	8850		338	4/12/10	GRV	8:02:36	8:57:44	NNO	Global	successfully performed	2665	L1a&b	L02
385	8852		339	5/12/10	GRV	1:09:16	5:53:16	NNO	Global	successfully performed	2666	L1a&b	L02
386	8855		339	5/12/10	GRV	23:54:00	2:56:02	NNO	Global	successfully performed	2667	L1a&b	L02
387	8856		340	6/12/10	GRV	6:24:58	9:55:44	NNO	Global	successfully performed	2668	L1a&b	L02
388	8860		341	7/12/10	GRV	9:39:35	11:00:59	NNO	Global	successfully performed	2669	L1a&b	L02
389	8863		342	8/12/10	GRV	6:38:22	10:22:55	NNO	Global	successfully performed	2670	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
390	8866		343	9/12/10	GRV	5:40:44	7:53:02	NNO	Global	successfully performed	2671	L1a&b	L02
391	8869		344	10/12/10	GRV	0:36:06	4:52:13	NNO	Global	successfully performed	2672	L1a&b	L02
392	8870		344	10/12/10	GRV	8:18:25	10:39:00	NNO	Global	successfully performed	2673	L1a&b	L02
393	8873		345	11/12/10	GRV	5:35:01	8:51:12	NNO	Global	successfully performed	2674	L1a&b	L02
394	8876		346	12/12/10	GRV	1:26:41	5:50:23	NNO	Global	successfully performed	2675	L1a&b	L02

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395	8879		347	13/12/10	GRV	1:05:01	2:49:36	NNO	Global	successfully performed	2676	L1a&b L02	
396	8880		347	13/12/10	GRV	5:31:49	9:49:24	NNO	Global	successfully performed	2677	L1a&b L02	
end of MTP85													
start of MTP86													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
397	8884		348	14/12/10	GRV	5:40:55	6:35:19	NNO	Global	successfully performed	2678	L1a&b L02	
398	8884		348	14/12/10	GRV	9:28:36	10:35:59	NNO	Global	successfully performed	2679	L1a&b L02	
399	8887		349	15/12/10	GRV	6:24:50	10:04:20	NNO	Global	successfully performed	2680	L1a&b L02	
400	8890		350	16/12/10	GRV	5:37:36	7:46:48	NNO	Global	successfully performed	2681	L1a&b L02	
401	8894		351	17/12/10	GRV	7:22:27	10:34:59	NNO	Global	successfully performed	2682	L1a&b L02	
402	8896		351	17/12/10	GRV	20:58:42	23:57:26	DSS-15		successfully performed	2683	L1a&b	
403	8898		352	18/12/10	GRV	8:00:15	8:44:59	NNO	Global	successfully performed	2684	L1a&b L02	
404	8900		353	19/12/10	GRV	1:00:02	5:40:02	NNO	Global	successfully performed	2685	L1a&b L02	
405	8903		353	19/12/10	GRV	22:31:06	23:39:00	DSS-15		successfully performed	2686	L1a&b	

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	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
406	8903		354	20/12/10	GRV	1:05:41	2:37:17	NNO	Global	successfully performed	2687	L1a&b L02	
407	8904		354	20/12/10	GRV	5:18:59	9:13:27	NNO	Global	successfully performed	2688	L1a&b L02	
408	8908		355	21/12/10	GRV	5:13:01	6:42:25	NNO	Global	partially performed	2689	L1a&b L02	
409	8908		355	21/12/10	GRV	9:10:17	10:15:59	NNO	Global	partially performed	2690	L1a&b L02	
410	8911		356	22/12/10	GRV	6:16:25	10:12:59	NNO	Global	partially performed	2691	L1a&b L02	
411	8914		357	23/12/10	GRV	5:00:01	6:36:35	NNO	Global	partially performed	2692	L1a&b L02	
412	8918		358	24/12/10	GRV	3:52:52	4:32:40	NNO	Global	partially performed	2693	L1a&b L02	
413	8918		358	24/12/10	GRV	7:13:49	10:30:59	NNO	Global	partially performed	2694	L1a&b L02	
414	8920		358	24/12/10	GRV	21:27:09	23:57:59	DSS-14		performed(-)	2695	L1a&b	
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
415	8922		359	25/12/10	SCO	7:51:23	8:38:34	NNO		partially performed	2696	L1a&b L02	
416	8924		360	26/12/10	SCO	0:59:47	5:28:49	NNO		partially performed	2697	L1a&b L02	

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417	8925		360	26/12/10	SCO	8:31:49	8:57:48	NNO		partially performed	2698	L1a&b	L02
418	8927		360	26/12/10	SCO	23:47:01	2:29:14	NNO		partially performed	2699	L1a&b	L02
419	8928		361	27/12/10	SCO	5:10:04	9:23:10	NNO		partially performed	2700	L1a&b	L02
420	8932		362	28/12/10	SCO	5:08:01	6:20:51	NNO		partially performed	2701	L1a&b	L02
421	8932		362	28/12/10	SCO	8:45:51	10:11:00	NNO		partially performed	2702	L1a&b	L02
422	8935		363	29/12/10	SCO	6:07:24	10:08:59	NNO		partially performed	2703	L1a&b	L02
423	8938		364	30/12/10	SCO	5:10:38	7:33:42	NNO		partially performed	2704	L1a&b	L02
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
424	8942		365	31/12/10	SCO	6:42:14	10:28:58	NNO		partially performed	2705	L1a&b	L02
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Mars Express Radio Science Experiment - Science Operations Logbook

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Mars Express Radio Science Experiment - Science Operations Logbook

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