

## Mars Express Radio Science Experiment - Science Operations Logbook

MTP 86(sequel to MaRS_ops_logbook 10)													
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
1	8945		001	1/1/11	SCO	0:42:35	01:32:05	NNO		partially performed	2706	L1a&b L02	PSA
2	8945/8946		001	1/1/11	SCO	4:28:17	05:43:29	NNO		partially performed	2707	L1a&b L02	PSA
3	8948/8949		002	2/1/11	SCO	1:02:32	05:10:47	NNO		partially performed	2708	L1a&b L02	PSA
4	8949/8950		002	2/1/11	SCO	8:02:09	10:08:59	NNO		partially performed	2709	L1a&b L02	PSA
5	8952		003	3/1/11	SCO	1:40:01	02:27:20	NNO		partially performed	2710	L1a&b L02	PSA
6	8952/8953		003	3/1/11	SCO	5:01:02	07:28:16	NNO		partially performed	2711	L1a&b L02	PSA
7	8956		004	4/1/11	SCO	4:20:38	05:57:33	NNO		partially performed	2712	L1a&b L02	PSA
8	8962/8963		006	6/1/11	SCO	4:14:01	07:23:50	NNO		partially performed	2713	L1a&b L02	PSA
9	8966/8967		007	7/1/11	SCO	6:33:53	08:47:59	NNO		partially performed	2714	L1a&b L02	PSA
	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	8969		008	8/1/11	SCO	0:34:04	01:21:58	NNO		partially performed	2715	L1a&b L02	PSA
11	8970		008	8/1/11	SCO	6:08:17	08:21:39	NNO		partially performed	2716	L1a&b L02	PSA

white: planned task  
 grey: status of operation? to be checked  
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 light red: task cancelled by ESOC PTR

## Mars Express Radio Science Experiment - Science Operations Logbook

12	8973		009	9/1/11	SCO	4:04:01	05:20:41	NNO		partially performed	2717	L1a&b L02	PSA
13	8973		009	9/1/11	SCO	7:53:47	08:43:59	NNO		partially performed	2718	L1a&b L02	PSA
<b>end of MTP86</b>													
<b>start of MTP87</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?
14	8976/8977		010	10/1/11	SCO	5:59:47	08:44:47	NNO		partially performed	2719	L1a&b L02	
15	8981		011	11/1/11	SCO	10:34:01	10:59:55	NNO		cancelled by MPS	2843		
16	8983/8984		012	12/1/11	SCO	6:02:05	08:39:59	NNO		partially performed	2721	L1a&b L02	PSA
17	8986/8987		013	13/1/11	SCO	3:58:52	06:53:19	NNO		successfully performed	2722	L1a&b L02	PSA
18	8990		014	14/1/11	SCO	3:51:01	04:21:48	NNO		successfully performed	2723	L1a&b L02	PSA
19	8990/8991		014	14/1/11	SCO	6:30:31	08:39:59	NNO		unknown	2724	L1a&b L02	
20	8993/8994		015	15/1/11	SCO	3:58:35	07:53:24	NNO		unknown	2725	L1a&b L02	PSA
21	8995		015	15/1/11	SCO	13:16:36	15:20:42	NNO		cancelled by MPS			
22	8997		016	16/1/11	SCO	3:44:01	04:27:59	NNO		performed	2727	L1a&b L02	PSA

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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?
23	9000/9001		017	17/1/11	SCO	3:38:16	7:34:00	NNO		performed(-)	2728	L1a&b L02	PSA
24	9002		017	17/1/11	SCO	14:19:47	15:22:47	DSS-63		successfully performed	2729	L1a&b L02	
25	9007/9008		019	19/1/11	SCO	6:52:33	8:49:43	NNO		performed(-)	2730	L1a&b L02	PSA
26	9010/9011		020	20/1/11	SCO	3:11:33	6:21:47	NNO		performed(-)	2731	L1a&b L02	PSA
27	9012		020	20/1/11	SCO	17:05:01	18:10:00	DSS-14		successfully performed	2732	L1a&b L02	
28	9014/9015		021	21/1/11	SCO	5:33:32	8:48:43	NNO		unknown	2733	L1a&b L02	PSA
29	9018		022	22/1/11	SCO	6:43:32	8:31:17	NNO		successfully performed	2734	L1a&b L02	PSA
30	9019/9020		022	22/1/11	SCO	17:19:32	20:19:43	DSS-14		partially performed	2735	L1a&b	
31	9021		023	23/1/11	SCO	6:31:04	8:47:41	NNO		successfully performed	2736	L1a&b L02	PSA
	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?
32	9023		023	23/1/11	SCO	17:24:32	18:59:41	DSS-14		successfully performed	2737	L1a&b L02	
33	9025		024	24/1/11	SCO	6:34:46	8:46:41	NNO		partially performed	2738	L1a&b L02	PSA

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34	9029/90 30		025	25/1/11	SCO	16:54:42	18:14:41	DSS-14		successfully performed	2739	L1a&b L02	
35	9031/90 32		026	26/1/11	SCO	5:35:31	8:45:46	NNO		partially performed	2740	L1a&b L02	PSA
36	9034/90 35		027	27/1/11	SCO	2:47:31	5:57:44	NNO		partially performed	2741	L1a&b L02	PSA
37	9036		027	27/1/11	SCO	12:49:31	13:59:42	DSS-63		partially performed	2742	L1a&b	
38	9038/90 39		028	28/1/11	SCO	5:45:31	8:45:46	NNO		partially performed	2743	L1a&b L02	PSA
39	9039/90 40		028	28/1/11	SCO	13:49:31	15:19:41	DSS-65		successfully performed	2744	L1a&b L02	
40	9042		029	29/1/11	SCO	5:47:31	8:25:44	NNO		partially performed	2745	L1a&b L02	PSA
41	9043		029	29/1/11	SCO	16:49:31	18:14:41	DSS-14		successfully performed	2746	L1a&b L02	
42	9045		030	30/1/11	SCO	2:46:31	5:25:16	NNO		partially performed	2747	L1a&b L02	PSA
43	9045		030	30/1/11	SCO	6:22:58	8:45:46	NNO		partially performed	2748	L1a&b L02	PSA
44	9047		030	30/1/11	SCO	16:49:31	18:59:46	DSS-14		successfully performed	2749	L1a&b L02	
45	9048/90 49		031	31/1/11	SCO	5:51:31	8:45:46	NNO		unknown	2750	L1a&b L02	PSA
	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	9050		031	31/1/11	SCO	18:19:31	19:29:46	DSS-14		successfully performed	2751	L1a&b L02	
47	9052		032	1/2/11	SCO	5:24:30	6:24:00	NNO		partially performed	2752	L1a&b L02	PSA
48	9055/9056		033	2/2/11	SCO	5:55:30	8:46:45	NNO		failed			
49	9058/9059		034	3/2/11	SCO	2:47:31	5:57:45	NNO		partially performed	2754	L1a&b L02	
50	9059/9060		034	3/2/11	SCO	9:49:30	10:59:45	DSS-63		successfully performed	2755	L1a&b L02	
51	9062/9063		035	4/2/11	SCO	5:59:30	8:47:45	NNO		partially performed	2756	L1a&b L02	PSA
52	9065/9066		036	5/2/11	SCO	2:48:29	6:12:20	NNO		partially performed	2757	L1a&b L02	
53	9067/9068		036	5/2/11	SCO	17:49:29	20:55:45	DSS-14		successfully performed	2758	L1a&b L02	
54	9069		037	6/2/11	SCO	2:49:31	5:21:00	NNO		partially performed	2759	L1a&b L02	PSA
55	9069		037	6/2/11	SCO	6:15:21	8:48:45	NNO		partially performed	2760	L1a&b L02	PSA
56	9071		037	6/2/11	SCO	16:34:29	18:59:45	DSS-14		partially performed	2761	L1a&b	
<b>end of MTP87</b>													
<b>start of MTP88</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?

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57	9073		038	7/2/11	SCO	6:04:29	8:49:45	NNO		partially performed	2762	L1a&b L02	PSA
58	9078/9079		039	8/2/11	SCO	23:19:28	2:30:44	NNO		partially performed	2763	L1a&b L02	PSA
59	9079/9080		040	9/2/11	SCO	4:12:12	8:07:59	NNO		partially performed	2764	L1a&b L02	PSA
60	9081		040	9/2/11	SCO	14:49:28	16:29:44	DSS-63		successfully performed	2765	L1a&b L02	
61	9082/9083		041	10/2/11	SCO	2:52:28	6:02:44	NNO		partially performed	2766	L1a&b L02	PSA
62	9084/9085		041	10/2/11	SCO	17:14:44	18:29:44	DSS-14		successfully performed	2767	L1a&b L02	
63	9086		042	11/2/11	SCO	2:54:27	4:18:14	NNO		partially performed	2768	L1a&b L02	PSA
64	9086		042	11/2/11	SCO	5:09:49	7:20:37	NNO		partially performed	2769	L1a&b L02	PSA
65	9088		042	11/2/11	SCO	15:19:27	16:29:44	DSS-63		partially performed	2770	L1a&b	
66	9089		042	11/2/11	SCO	23:19:27	1:17:44	NNO		partially performed	2771	L1a&b L02	PSA
67	9090		043	12/2/11	SCO	6:12:27	8:17:31	NNO		partially performed	2772	L1a&b L02	PSA
68	9090/9091		043	12/2/11	SCO	10:49:27	13:44:44	DSS-63		successfully performed	2773	L1a&b L02	
69	9093		044	13/2/11	SCO	2:57:26	5:16:58	NNO		partially performed	2774	L1a&b L02	PSA
	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 <small>write planned task</small>	performed? cancelled?	Volume-ID	processed?	archived?

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## Mars Express Radio Science Experiment - Science Operations Logbook

70	9093/9094		044	13/2/11	SCO	6:07:16	8:58:43	NNO		partially performed	2775	L1a&b L02	PSA
71	9096		045	14/2/11	SCO	0:57:55	02:00:40	NNO		cancelled by MPS			
72	9096/9097		045	14/2/11	SCO	3:06:06	7:01:49	NNO		partially performed	2776	L1a&b L02	PSA
73	9100		046	15/2/11	SCO	3:00:26	6:10:43	NNO		partially performed	2777	L1a&b L02	PSA
74	9100		046	15/2/11	SCO	7:04:32	9:01:43	NNO		partially performed	2778	L1a&b L02	PSA
75	9102/9103		046	15/2/11	SCO	23:18:25	1:27:43	NNO		performed(-)	2779	L1a&b L02	PSA
76	9103/9104		047	16/2/11	SCO	5:13:25	8:23:45	NNO		partially performed	2780	L1a&b L02	PSA
77	9106/9107		048	17/2/11	SCO	3:04:25	6:14:45	NNO		performed(-)	2781	L1a&b L02	PSA
78	9110		049	18/2/11	SCO	3:06:24	4:13:42	NNO		cancelled by MPS			
	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?
79	9110/9111		049	18/2/11	SCO	5:04:21	8:56:02	NNO		performed(-)	2783	L1a&b L02	
80	9113		049	18/2/11	SCO	23:17:24	1:13:17	NNO		performed(-)	2784	L1a&b L02	PSA
81	9114		050	19/2/11	SCO	6:21:24	8:13:02	NNO		performed(-)	2785	L1a&b L02	PSA
82	9117		051	20/2/11	SCO	3:19:24	5:12:42	NNO		performed(-)	2786	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

83	9120		051	20/2/11	SCO	23:35:37	01:10:27	NNO		cancelled by MPS			
84	9120/9121		052	21/2/11	SCO	4:12:02	08:24:32	NNO		cancelled by MPS			
85	9124		053	22/2/11	SCO	8:21:31	09:02:00	NNO		successfully performed	2789	L1a&b	L02 PSA
86	9127/9128		054	23/2/11	SCO	5:09:42	09:03:58	NNO		successfully performed	2790	L1a&b	L02 PSA
87	9131		055	24/2/11	SCO	3:40:01	06:03:35	NNO		successfully performed	2791	L1a&b	L02 PSA
	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?
88	9134/9135		056	25/2/11	SCO	6:23:01	09:09:59	NNO		successfully performed	2792	L1a&b	L02 PSA
89	9137		056	25/2/11	SCO	23:43:59	00:19:33	NNO		cancelled by MPS			
90	9137/9138		057	26/2/11	SCO	2:15:24	07:40:32	NNO		successfully performed	2794	L1a&b	L02 PSA
91	9141/9142		058	27/2/11	SCO	6:23:59	09:14:59	NNO		successfully performed	2795	L1a&b	L02 PSA
92	9144		058	27/2/11	SCO	22:54:41	23:59:22	DSS-14		partially performed	2796	L1a&b	
93	9144/9145		059	28/2/11	SCO	3:10:29	08:17:23	NNO		successfully performed	2797	L1a&b	L02 PSA
94	9148		060	1/3/11	SCO	7:11:16	08:44:22	NNO		successfully performed	2798	L1a&b	L02 PSA
95	9151		061	2/3/11	SCO	0:47:51	02:15:44	NNO		successfully performed	2799	L1a&b	L02 PSA

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yellow: task to be completed

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## Mars Express Radio Science Experiment - Science Operations Logbook

96	9151/9152		061	2/3/11	SCO	4:12:24	09:20:19	NNO		unknown	2800	L1a&b L02	PSA
	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?
97	9155		062	3/3/11	SCO	8:10:22	09:27:00	NNO		successfully performed	2801	L1a&b L02	PSA
98	9156/9157		062	3/3/11	SCO	16:30:21	17:38:59	DSS-14		successfully performed	2787	L1a&b L02	
99	9158/9159		063	4/3/11	SCO	4:47:41	09:24:58	NNO		successfully performed	2802	L1a&b L02	PSA
100	9161		063	4/3/11	SCO	23:10:08	00:13:16	NNO		performed(-)	2803	L1a&b L02	PSA
101	9161/9162		064	5/3/11	SCO	3:42:30	07:17:40	NNO		performed(-)	2804	L1a&b L02	PSA
102	9163/9164		064	5/3/11	SCO	16:30:30	18:37:40	DSS-14		successfully performed	2788	L1a&b L02	
103	9165/9166		065	6/3/11	SCO	6:06:41	09:21:59	NNO		successfully performed	2805	L1a&b L02	PSA
104	9168		065	6/3/11	SCO	23:53:01	1:27:06	NNO		successfully performed	2753	L1a&b L02	
105	9169		066	7/3/11	SCO	6:27:01	08:11:06	NNO		performed	2806	L1a&b L02	PSA
<b>end of MTP88</b>													
<b>start of MTP89</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?
106	9172		067	8/3/11	SCO	3:58:01	05:10:33	NNO	white planned task	partially performed	2807	L1a&b L02	PSA

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yellow: task to be completed

green: task completed

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## Mars Express Radio Science Experiment - Science Operations Logbook

107	9172		067	8/3/11	SCO	7:53:02	08:37:43	NNO		partially performed	2808	L1a&b L02	PSA
108	9175		067	8/3/11	SCO	23:28:01	02:09:44	NNO		partially performed	2809	L1a&b L02	PSA
109	9175/9176		068	9/3/11	SCO	4:52:13	06:47:18	NNO		partially performed	2810	L1a&b L02	PSA
110	9179		069	10/3/11	SCO	3:57:47	06:08:35	NNO		partially performed	2811	L1a&b L02	PSA
111	9181/9182		070	11/3/11	SCO	0:15:02	03:09:00	NNO		partially performed	2812	L1a&b L02	PSA
112	9182/9183		070	11/3/11	SCO	6:08:08	09:12:58	NNO		partially performed	2813	L1a&b L02	PSA
113	9185/9186		071	12/3/11	SCO	2:49:10	07:12:03	NNO		partially performed	2814	L1a&b L02	PSA
114	9188/9189		072	13/3/11	SCO	1:04:37	04:20:20	NNO		partially performed	2815	L1a&b L02	PSA
	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?
115	9189/9190		072	13/3/11	SCO	6:47:18	08:51:04	NNO		partially performed	2816	L1a&b L02	PSA
116	9192/9193		073	14/3/11	SCO	4:10:54	08:04:13	NNO		partially performed	2817	L1a&b L02	PSA
117	9195/9196		074	15/3/11	SCO	0:45:55	05:03:08	NNO		partially performed	2818	L1a&b L02	PSA
118	9196		074	15/3/11	SCO	7:45:35	08:29:50	NNO		partially performed	2819	L1a&b L02	PSA
119	9200		075	16/3/11	SCO	6:59:45	09:01:54	NNO		partially performed	2820	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

120	9202/9203		076	17/3/11	SCO	1:43:35	06:00:45	NNO		partially performed	2821	L1a&b L02	PSA
121	9206/9207		077	18/3/11	SCO	6:44:02	09:00:59	NNO		partially performed	2822	L1a&b L02	PSA
122	9209/9210		078	19/3/11	SCO	2:41:14	06:58:27	NNO		partially performed	2823	L1a&b L02	PSA
123	9212/9213		078	19/3/11	SCO	23:40:15	03:57:32	NNO		partially performed	2824	L1a&b L02	PSA
	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?
124	9224		082	23/3/11	SCO	6:41:36	08:37:54	NNO		partially performed	2825	L1a&b L02	PSA
125	9226/9227		083	24/3/11	SCO	1:38:12	05:52:37	NNO		partially performed	2826	L1a&b L02	PSA
126	9229/9230		083	24/3/11	SCO	23:23:01	02:51:31	NNO		partially performed	2827	L1a&b L02	PSA
127	9230/9231		084	25/3/11	SCO	5:33:56	08:47:58	NNO		partially performed	2828	L1a&b L02	PSA
128	9233/9234		085	26/3/11	SCO	2:16:01	06:50:10	NNO		partially performed	2829	L1a&b L02	PSA
129	9236/9237		085	26/3/11	SCO	23:31:55	04:05:11	NNO		partially performed	2830	L1a&b L02	PSA
130	9237/9238		086	27/3/11	SCO	6:51:11	08:45:00	NNO		partially performed	2831	L1a&b L02	PSA
131	9240/9241		087	28/3/11	GRV	3:30:36	07:47:49	NNO	Global	successfully performed	2832	L1a&b L02	PSA
132	9243/9244		088	29/3/11	GRV	0:23:13	04:46:51	NNO	Global	successfully performed	2833	L1a&b L02	PSA

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

	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?
133	9244		088	29/3/11	GRV	7:29:16	08:12:50	NNO	Global	successfully performed	2834	L1a&b L02	PSA
134	9247/9248		089	30/3/11	GRV	4:28:23	08:38:59	NNO	Global	successfully performed	2835	L1a&b L02	PSA
135	9250/9251		090	31/3/11	GRV	1:27:23	05:44:38	NNO	Global	successfully performed	2836	L1a&b L02	PSA
136	9253/9254		090	31/3/11	GRV	23:21:00	02:43:52	NNO		cancelled by MPS			
137	9254/9255		091	1/4/11	GRV	5:35:45	08:34:59	NNO	Global	successfully performed	2838	L1a&b L02	PSA
138	9257/9258		092	2/4/11	GRV	2:21:01	06:42:25	NNO	Global	successfully performed	2839	L1a&b L02	PSA
139	9260/9261		092	2/4/11	GRV	23:33:49	03:51:35	NNO	Global	successfully performed	2840	L1a&b L02	PSA
140	9261/9262		093	3/4/11	GRV	5:58:19	08:31:58	NNO	Global	successfully performed	2841	L1a&b L02	PSA
141	9264/9265		094	4/4/11	GRV	3:22:39	07:40:08	NNO	Global	successfully performed	2842	L1a&b L02	PSA
<b>end of MTP89</b>													
<b>start of MTP90</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?
142	9267/9268		095	5/4/11	GRV	0:35:24	04:25:30	NNO	Global	successfully performed	2782	L1a&b L02	PSA
143	9268		095	5/4/11	GRV	7:39:10	08:27:59	NNO	Global	successfully performed	2844	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

144	9274/92 75		097	7/4/11	GRV	1:41:13	05:04:38	NNO	Global	successfully performed	2845	L1a&b L02	PSA
145	9275		097	7/4/11	GRV	7:58:16	08:24:59	NNO	Global	successfully performed	2846	L1a&b L02	PSA
146	9277/92 78		097	7/4/11	GRV	23:18:01	02:21:47	NNO	Global	successfully performed	2847	L1a&b L02	PSA
147	9278/92 79		098	8/4/11	GRV	5:35:30	08:22:58	NNO	Global	successfully performed	2848	L1a&b L02	PSA
148	9281/92 82		099	9/4/11	GRV	2:47:16	06:34:22	NNO	Global	successfully performed	2849	L1a&b L02	PSA
149	9284		099	9/4/11	GRV	23:26:07	23:53:58	NNO	Global	successfully performed	2850	L1a&b L02	PSA
150	9285/92 86		100	10/4/11	GRV	6:07:48	08:17:59	NNO	Global	successfully performed	2851	L1a&b L02	PSA
	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?
151	9288/92 89		101	11/4/11	GRV	2:54:50	07:25:39	NNO	Global	successfully performed	2852	L1a&b L02	PSA
152	9291/92 92		102	12/4/11	GRV	1:15:01	04:30:24	NNO	Global	successfully performed	2853	L1a&b L02	PSA
153	9292		102	12/4/11	GRV	7:26:33	08:14:59	NNO	Global	successfully performed	2854	L1a&b L02	PSA
154	9295		102	12/4/11	GRV	23:24:44	23:52:59	DSS-14	Global	partially performed	2855	L1a&b	
155	9295/92 96		103	13/4/11	GRV	4:11:50	08:12:59	NNO	Global	successfully performed	2856	L1a&b L02	PSA
156	9298/92 99		104	14/4/11	GRV	1:45:10	05:21:42	NNO	Global	successfully performed	2857	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

157	9301/93 02		104	14/4/11	GRV	23:16:01	02:39:31	NNO	Global	successfully performed	2858	L1a&b L02	PSA
158	9302/93 03		105	15/4/11	GRV	5:23:06	08:08:59	NNO	Global	successfully performed	2859	L1a&b L02	PSA
159	9304		105	15/4/11	GRV	15:35:01	16:16:14	DSS-65	Global	successfully performed	2860	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?
160	9305/93 06		106	16/4/11	GRV	2:32:23	06:25:19	NNO	Global	successfully performed	2861	L1a&b L02	PSA
161	9308		106	16/4/11	GRV	19:41:52	20:24:26	DSS-15	Global	successfully performed	2862	L1a&b L02	
162	9308/93 09		106	16/4/11	GRV	23:15:01	00:58:31	NNO	Global	successfully performed	2863	L1a&b L02	PSA
163	9312/93 13		108	18/4/11	GRV	3:05:34	07:35:24	NNO	Global	successfully performed	2864	L1a&b L02	PSA
164	9315/93 14		108	18/4/11	GRV	23:46:27	04:15:47	NNO	Global	successfully performed	2865	L1a&b L02	PSA
165	9316		109	19/4/11	GRV	7:10:05	08:01:59	NNO	Global	successfully performed	2866	L1a&b L02	PSA
166	9319		110	20/4/11	GRV	3:57:28	04:57:58	NNO	Global	successfully performed	2867	L1a&b L02	PSA
167	9322/93 23		111	21/4/11	GRV	1:15:02	05:25:09	NNO	Global	successfully performed	2868	L1a&b L02	PSA
168	9325/93 26		111	21/4/11	GRV	23:14:00	02:11:54	NNO	Global	successfully performed	2869	L1a&b L02	PSA
	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

169	9326/93 27		112	22/4/11	GRV	5:26:23	07:55:59	NNO	Global	successfully performed	2870	L1a&b	L02	PSA
170	9329/93 30		113	23/4/11	GRV	1:59:35	06:05:12	NNO	Global	successfully performed	2871	L1a&b	L02	PSA
171	9332/93 33		113	23/4/11	GRV	23:28:46	03:15:34	NNO	Global	successfully performed	2872	L1a&b	L02	PSA
172	9333/93 34		114	24/4/11	GRV	6:12:17	07:51:59	NNO	Global	successfully performed	2873	L1a&b	L02	PSA
173	9336/93 37		115	25/4/11	GRV	2:57:21	07:26:48	NNO	Global	successfully performed	2874	L1a&b	L02	PSA
174	9339/93 40		115	25/4/11	GRV	23:48:48	04:14:58	NNO	Global	successfully performed	2875	L1a&b	L02	PSA
175	9340		116	26/4/11	GRV	6:54:40	07:47:59	NNO	Global	successfully performed	2876	L1a&b	L02	PSA
176	9343/93 44		117	27/4/11	GRV	4:08:21	07:45:59	NNO	Global	successfully performed	2877	L1a&b	L02	PSA
177	9346/93 47		118	28/4/11	GRV	0:54:07	05:10:56	NNO	Global	successfully performed	2878	L1a&b	L02	PSA
	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?	
178	9349/93 50		118	28/4/11	GRV	23:12:01	2:10:08	NNO	Global	successfully performed	2975	L1a&b	L02	PSA
179	9350/93 51		119	29/4/11	GRV	4:52:53	07:42:59	NNO	Global	successfully performed	2879	L1a&b	L02	PSA
180	9353/93 54		120	30/4/11	GRV	1:51:53	06:08:51	NNO	Global	successfully performed	2880	L1a&b	L02	PSA
181	9357		121	1/5/11	GRV	1:04:37	03:01:44	NNO	Global	successfully performed	2881	L1a&b	L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

182	9357/93 58		121	1/5/11	GRV	5:56:37	07:39:59	NNO	Global	successfully performed	2882	L1a&b L02	PSA
183	9360/93 61		122	2/5/11	GRV	2:49:34	07:11:22	NNO	Global	successfully performed	2883	L1a&b L02	PSA
<b>end of MTP90</b>													
<b>start of MTP91</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?
184	9363/93 64		123	3/5/11	GRV	1:10:01	04:03:07	NNO	Global	successfully performed	2793	L1a&b L02	
185	9364		123	3/5/11	GRV	6:50:25	07:35:34	NNO	Global	successfully performed	2884	L1a&b L02	PSA
186	9370/93 71		125	5/5/11	GRV	1:10:01	05:15:38	NNO	Global	successfully performed	2885	L1a&b L02	PSA
187	9374		125	5/5/11	GRV	23:09:51	01:59:12	NNO	Global	successfully performed	2886	L1a&b L02	PSA
188	9374/93 75		126	6/5/11	GRV	4:46:45	07:30:57	NNO	Global	successfully performed	2887	L1a&b L02	
189	9377/93 78		127	7/5/11	GRV	1:49:36	06:12:59	NNO	Global	successfully performed	2888	L1a&b L02	
190	9381		128	8/5/11	GRV	1:09:43	02:58:42	NNO	Global	successfully performed	2889	L1a&b L02	
191	9381/93 82		128	8/5/11	GRV	5:42:00	07:26:13	NNO	Global	successfully performed	2890	L1a&b L02	
192	9384/93 85		129	9/5/11	GRV	2:41:01	07:10:45	NNO	Global	successfully performed	2891	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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## Mars Express Radio Science Experiment - Science Operations Logbook

193	9387/93 88		129	9/5/11	GRV	23:18:24	03:56:14	NNO	Global	successfully performed	2892	L1a&b	L02
194	9388		130	10/5/11	GRV	6:39:32	07:22:32	NNO	Global	successfully performed	2893	L1a&b	L02
195	9391/93 92		131	11/5/11	GRV	3:38:33	07:20:39	NNO	Global	successfully performed	2894	L1a&b	L02
196	9394/93 95		132	12/5/11	GRV	0:37:20	04:53:40	NNO	Global	successfully performed	2895	L1a&b	L02
197	9398		132	12/5/11	GRV	23:07:35	01:41:26	NNO	Global	successfully performed	2896	L1a&b	L02
198	9398/93 99		133	13/5/11	GRV	4:47:19	07:18:00	NNO	Global	successfully performed	2897	L1a&b	L02
199	9401/94 02		134	14/5/11	GRV	2:20:34	05:51:08	NNO	Global	successfully performed	2898	L1a&b	L02
200	9404/94 05		134	14/5/11	GRV	23:06:58	02:39:44	NNO	Global	successfully performed	2899	L1a&b	L02
201	9408/94 09		136	16/5/11	GRV	2:32:30	04:09:51	NNO	Global	successfully performed	2900	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?
202	9411/94 12		136	16/5/11	GRV	23:31:35	03:47:19	NNO	Global	successfully performed	2901	L1a&b	L02
203	9412		137	17/5/11	GRV	6:31:10	07:09:42	NNO	Global	successfully performed	2902	L1a&b	L02
204	9415		137	17/5/11	GRV	23:05:37	00:59:25	NNO	Global	successfully performed	2903	L1a&b	L02
205	9415/94 16		138	18/5/11	GRV	4:07:55	07:07:52	NNO	Global	successfully performed	2904	L1a&b	L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

206	9418/94 19		139	19/5/11	GRV	0:25:42	04:44:51	NNO	Global	successfully performed	2905	L1a&b	L02
207	9422		139	19/5/11	GRV	23:00:00	23:43:59	DSS-15	Global	successfully performed	2906	L1a&b	L02
208	9422		140	20/5/11	GRV	1:05:01	01:56:29	NNO	Global	successfully performed	2907	L1a&b	L02
209	9424/94 25		140	20/5/11	GRV	18:45:02	22:17:59	DSS-15	Global	successfully performed	2908	L1a&b	L02
210	9425/94 26		141	21/5/11	GRV	1:26:46	05:42:21	NNO	Global	successfully performed	2909	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?
211	9429		142	22/5/11	GRV	1:05:01	02:41:18	NNO	Global	successfully performed	2910	L1a&b	L02
212	9429/94 30		142	22/5/11	GRV	5:25:23	07:00:57	NNO	Global	successfully performed	2911	L1a&b	L02
213	9430		142	22/5/11	GRV	12:04:00	13:37:59	DSS-65	Global	successfully performed	2912	L1a&b	L02
214	9436		144	24/5/11	GRV	1:05:00	03:27:54	NNO	Global	successfully performed	2913	L1a&b	L02
215	9442/94 43		146	26/5/11	GRV	0:21:09	04:36:31	NNO	Global	successfully performed	2914	L1a&b	L02
216	9449/94 50		148	28/5/11	GRV	1:18:51	05:33:58	NNO	Global	successfully performed	2915	L1a&b	L02
217	9454/94 55		149	29/5/11	GRV	13:15:01	16:32:05	DSS-14	Global	successfully performed	2916	L1a&b	L02
218	9456		149	29/5/11	GRV	23:02:06	23:31:33	NNO	Global	successfully performed	2917	L1a&b	L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

219	9456/94 57		150	30/5/11	GRV	2:16:25	06:31:24	NNO	Global	successfully performed	2918	L1a&b	L02
<b>end of MTP91</b>													
<b>start of MTP92</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?
220	9463/94 64		152	1/6/11	GRV	3:16:36	06:43:09	NNO	Global	successfully performed	2837	L1a&b	L02
221	9465		152	1/6/11	GRV	12:38:38	14:06:08	DSS-65	Global	successfully performed	2919	L1a&b	L02
222	9470		153	2/6/11	GRV	23:19:21	01:17:13	NNO	Global	successfully performed	2920	L1a&b	L02
223	9470/94 71		154	3/6/11	GRV	4:22:49	06:38:23	NNO	Global	successfully performed	2921	L1a&b	L02
224	9473/94 74		155	4/6/11	GRV	1:51:02	05:16:04	NNO	Global	successfully performed	2922	L1a&b	L02
225	9476		155	4/6/11	GRV	17:18:45	19:24:02	DSS-14	Global	successfully performed	2923	L1a&b	L02
226	9476		155	4/6/11	GRV	22:13:18	23:39:21	DSS-14	Global	successfully performed	2924	L1a&b	L02
227	9477		156	5/6/11	GRV	1:00:01	02:17:13	NNO	Global	successfully performed	2925	L1a&b	L02
228	9477		156	5/6/11	GRV	5:19:07	05:47:47	NNO	Global	successfully performed	2926	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?
229	9479/94 80		156	5/6/11	GRV	20:05:29	21:31:26	DSS-15	Global	successfully performed	2927	L1a&b	L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

230	9480/9481		157	6/6/11	GRV	2:26:45	04:03:58	NNO	Global	successfully performed	2928	L1a&b	L02	
231	9483/9484		157	6/6/11	GRV	23:03:21	03:20:12	NNO	Global	successfully performed	2929	L1a&b	L02	
232	9485/9486		158	7/6/11	GRV	13:25:08	15:52:59	DSS-65	Global	successfully performed	2930	L1a&b	L02	
233	9487/9488		159	8/6/11	GRV	3:08:05	06:15:49	NNO	Global	successfully performed	2931	L1a&b	L02	
234	9490/9491		160	9/6/11	GRV	0:23:24	03:48:35	NNO	Global	successfully performed	2932	L1a&b	L02	
235	9494		160	9/6/11	GRV	23:12:52	00:47:49	NNO	Global	successfully performed	2933	L1a&b	L02	
236	9494/9495		161	10/6/11	GRV	4:41:01	06:07:17	NNO	Global	successfully performed	2934	L1a&b	L02	
237	9497/9498		162	11/6/11	GRV	1:59:19	03:46:38	NNO	Global	successfully performed	2935	L1a&b	L02	
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>	
238	9498		162	11/6/11	OCC	4:46:38	05:08:38	NNO		successfully performed	2936	L1a&b	L02	PSA
239	9499		162	11/6/11	GRV	10:08:43	10:45:07	DSS-65	Global	successfully performed	2937	L1a&b	L02	
240	9499		162	11/6/11	OCC	11:45:07	12:07:07	DSS-65		successfully performed	2938	L1a&b	L02	PSA
241	9501		163	12/6/11	OCC	1:42:08	02:04:08	NNO		successfully performed	2939	L1a&b	L02	PSA
242	9501		163	12/6/11	GRV	5:04:36	05:58:48	NNO	Global	successfully performed	2940	L1a&b	L02	

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green: task completed

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light red: task cancelled by ESOC PTR

## Mars Express Radio Science Experiment - Science Operations Logbook

243	9502		163	12/6/11	OCC	8:40:50	09:02:50	DSS-65		successfully performed	2941	L1a&b	L02	PSA
244	9503		163	12/6/11	OCC	15:39:36	16:01:36	DSS-65		successfully performed	2942	L1a&b	L02	PSA
245	9504/9505		164	13/6/11	GRV	1:24:03	04:37:21	NNO	Global	successfully performed	2943	L1a&b	L02	
246	9505		164	13/6/11	OCC	5:37:21	05:59:21	NNO		successfully performed	2944	L1a&b	L02	PSA
	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?	
247	9507/9508		164	13/6/11	GRV	23:18:27	01:34:15	NNO	Global	successfully performed	2945	L1a&b	L02	
248	9508		165	14/6/11	OCC	2:34:15	02:56:15	NNO		successfully performed	2946	L1a&b	L02	PSA
249	9512/9513		166	15/6/11	GRV	10:49:01	12:29:44	DSS-65	Global	successfully performed	2947	L1a&b	L02	
250	9513		166	15/6/11	OCC	13:29:44	13:51:44	DSS-65		successfully performed	2948	L1a&b	L02	PSA
251	9514/9515		166	15/6/11	GRV	23:39:20	02:28:02	NNO	Global	performed	2949	L1a&b	L02	
252	9515		167	16/6/11	OCC	3:28:02	03:50:02	NNO		performed	2950	L1a&b	L02	PSA
253	9518		167	16/6/11	GRV	22:59:16	00:29:34	NNO	Global	successfully performed	2951	L1a&b	L02	
254	9521/9522		169	18/6/11	GRV	0:57:42	03:22:45	NNO	Global	successfully performed	2952	L1a&b	L02	
255	9522		169	18/6/11	OCC	4:22:45	04:44:45	NNO		successfully performed	2953	L1a&b	L02	PSA

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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?
256	9524/9525		169	18/6/11	GRV	22:54:44	00:32:20	NNO	Global	successfully performed	2954	L1a&b L02	
257	9525		170	19/6/11	GRV	4:56:26	05:29:28	NNO	Global	successfully performed	2955	L1a&b L02	
258	9527/9528		170	19/6/11	GRV	18:55:46	21:18:42	DSS-15	Global	successfully performed	2956	L1a&b L02	
259	9527/9528		170	19/6/11	OCC	17:51:53	22:40:42	DSS-15		successfully performed	2957	L1a&b L02	PSA
260	9528/9529		171	20/6/11	GRV	1:55:21	03:38:59	NNO	Global	successfully performed	2958	L1a&b L02	
261	9529		171	20/6/11	OCC	5:18:07	05:40:07	DSS-63		successfully performed	2959	L1a&b L02	PSA
262	9531/9532		171	20/6/11	GRV	22:57:54	00:34:11	NNO	Global	successfully performed	2960	L1a&b L02	
263	9534		172	21/6/11	GRV	19:53:24	20:27:58	DSS-15	Global	successfully performed	2961	L1a&b L02	
264	9537		173	22/6/11	OCC	13:13:22	13:35:21	DSS-15		successfully performed	2962	L1a&b L02	PSA
	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?
265	9538/9539		173	22/6/11	GRV	23:51:59	02:12:18	NNO	Global	successfully performed	2963	L1a&b L02	
266	9539		174	23/6/11	OCC	3:12:18	03:34:18	NNO		successfully performed	2964	L1a&b L02	PSA
267	9540		174	23/6/11	OCC	10:11:46	10:33:46	DSS-65		successfully performed	2965	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

268	9542		174	23/6/11	GRV	22:56:09	23:10:40	NNO	Global	successfully performed	2966	L1a&b	L02	
269	9542		175	24/6/11	OCC	0:07:50	0:33:28	NNO		successfully performed	2967	L1a&b	L02	PSA
270	9545/9546		176	25/6/11	GRV	0:49:37	03:08:40	NNO	Global	successfully performed	2968	L1a&b	L02	
271	9546		176	25/6/11	OCC	4:05:52	4:31:29	NNO		successfully performed	2969	L1a&b	L02	PSA
272	9546/9547		176	25/6/11	GRV	7:49:15	10:08:10	DSS-65	Global	successfully performed	2970	L1a&b	L02	
pre	9546/9547		176	25/6/11	OCC	6:45:22	11:30:11	DSS-65		successfully performed	2971	L1a&b	L02	PSA
	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?	
274	9549		176	25/6/11	GRV	23:40:23	00:39:13	NNO	Global	successfully performed	2972	L1a&b	L02	
275	9550/9551		177	26/6/11	GRV	11:47:49	14:17:59	DSS-63	Global	successfully performed	2973	L1a&b	L02	
276	9552/9553		178	27/6/11	GRV	1:47:08	04:56:38	NNO	Global	successfully performed	2974	L1a&b	L02	
<b>end of MTP92</b>														
<b>start of MTP93</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?	
277	9555/9556		178	27/6/11	GRV	23:36:13	00:41:25	NNO	Global	successfully performed	2976	L1a&b	L02	
278	9559/9560		180	29/6/11	GRV	3:23:23	04:49:38	NNO	Global	successfully performed	2977	L1a&b	L02	

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## Mars Express Radio Science Experiment - Science Operations Logbook

279	9562/9563		181	30/6/11	GRV	0:24:51	02:00:08	NNO	Global	successfully performed	2978	L1a&b	L02	
280	9563		181	30/6/11	OCC	3:01:02	3:22:48	NNO		successfully performed	2979	L1a&b	L02	PSA
281	9566		181	30/6/11	OCC	23:59:58	0:21:46	NNO		successfully performed	2980	L1a&b	L02	PSA
RMP	9568		182	1/7/11	OCC	13:59:11	14:20:59	DSS-14		successfully performed	2981	L1a&b	L02	PSA
283	9568/9569		182	1/7/11	GRV	18:25:48	20:24:12	DSS-14	Global	successfully performed	2982	L1a&b	L02	
284	9569/9570		183	2/7/11	GRV	1:25:44	02:57:33	NNO	Global	successfully performed	2983	L1a&b	L02	
285	9570		183	2/7/11	OCC	3:58:24	4:20:10	NNO		successfully performed	2984	L1a&b	L02	PSA
	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	9570/9571		183	2/7/11	GRV	8:25:43	09:57:14	DSS-65	Global	successfully performed	2985	L1a&b	L02	
287	9571		183	2/7/11	OCC	10:58:02	11:19:51	DSS-65		successfully performed	2986	L1a&b	L02	PSA
288	9576/9577		185	4/7/11	GRV	2:34:19	04:28:34	NNO	Global	successfully performed	2987	L1a&b	L02	
289	9578		185	4/7/11	OCC	11:56:52	12:17:29	NNO		cancelled by MPS	2988			
290	9579/9580		185	4/7/11	GRV	23:33:48	00:50:08	NNO	Global	successfully performed	2989	L1a&b	L02	
291	9583		186	5/7/11	OCC	22:54:05	23:15:53	DSS-15		successfully performed	2990	L1a&b	L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

292	9583/9584		187	6/7/11	GRV	3:24:38	04:21:41	NNO	Global	successfully performed	2991	L1a&b L02	
293	9585		187	6/7/11	OCC	12:53:29	13:15:17	DSS-15		successfully performed	2992	L1a&b L02	PSA
294	9586		188	7/7/11	GRV	0:24:10	00:52:58	NNO	Global	successfully performed	2993	L1a&b L02	
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>
295	9590		188	7/7/11	OCC	23:52:00	00:13:48	NNO		successfully performed	2994	L1a&b L02	PSA
296	9593/9594		190	9/7/11	GRV	1:22:57	02:50:48	NNO	Global	successfully performed	2995	L1a&b L02	
297	9594		190	9/7/11	OCC	3:51:00	04:12:47	NNO		successfully performed	2996	L1a&b L02	PSA
298	9597		190	9/7/11	GRV	22:51:58	23:49:34	NNO	Global	successfully performed	2997	L1a&b L02	
299	9597		191	10/7/11	OCC	0:50:06	01:11:55	NNO		successfully performed	2998	L1a&b L02	PSA
300	9599/9600		191	10/7/11	GRV	19:21:44	20:48:28	DSS-15	Global	successfully performed	2999	L1a&b L02	
301	9600		191	10/7/11	OCC	21:49:23	22:11:10	DSS-15		successfully performed	3000	L1a&b L02	PSA
302	9600/9601		192	11/7/11	GRV	2:21:33	03:08:58	NNO	Global	successfully performed	3001	L1a&b L02	
303	9601		192	11/7/11	OCC	4:49:12	05:10:59	DSS-63		successfully performed	3002	L1a&b L02	PSA
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>

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## Mars Express Radio Science Experiment - Science Operations Logbook

304	9603/9604		192	11/7/11	GRV	23:20:59	00:47:59	NNO	Global	successfully performed	3003	L1a&b L02	
305	9604		193	12/7/11	OCC	1:48:24	2:10:12	NNO		successfully performed	3004	L1a&b L02	PSA
306	9607		193	12/7/11	OCC	22:48:50	23:09:32	NNO		successfully performed	3005	L1a&b L02	PSA
307	9607/9608		194	13/7/11	GRV	3:20:02	03:54:37	NNO	Global	successfully performed	3006	L1a&b L02	
308	9609/9610		194	13/7/11	GRV	17:19:35	18:33:59	DSS-15	Global	successfully performed	3007	L1a&b L02	
309	9610/9611		195	14/7/11	GRV	0:19:26	01:46:26	NNO	Global	successfully performed	3008	L1a&b L02	
310	9611		195	14/7/11	OCC	2:46:53	03:08:39	NNO		successfully performed	3009	L1a&b L02	PSA
311	9614		195	14/7/11	OCC	23:46:17	00:08:04	NNO		successfully performed	3010	L1a&b L02	PSA
312	9616/9617		196	15/7/11	GRV	18:17:59	18:53:18	DSS-14	Global	successfully performed	3011	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	9617/9618		197	16/7/11	GRV	1:17:48	03:13:58	NNO	Global	successfully performed	3012	L1a&b L02	
314	9618/9619		197	16/7/11	GRV	8:28:47	09:44:33	DSS-63	Global	successfully performed	3013	L1a&b L02	
315	9619		197	16/7/11	OCC	10:45:22	11:07:09	DSS-63		successfully performed	3014	L1a&b L02	PSA
316	9621		198	17/7/11	OCC	0:44:57	01:06:44	NNO		successfully performed	3015	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

317	9623		198	17/7/11	GRV	12:51:30	14:14:34	DSS-15	Global	successfully performed	3016	L1a&b	L02	
318	9624/9625		199	18/7/11	GRV	2:28:04	03:35:07	NNO	Global	successfully performed	3017	L1a&b	L02	
319	9628		200	19/7/11	GRV	0:18:22	00:43:19	NNO	Global	successfully performed	3018	L1a&b	L02	
320	9628		200	19/7/11	OCC	1:43:44	02:05:33	NNO		successfully performed	3019	L1a&b	L02	PSA
321	9629/9630		200	19/7/11	GRV	13:14:51	15:02:58	NNO		cancelled by MPS	3020			
	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?	
322	9631		200	19/7/11	OCC	22:43:40	23:05:06	NNO		successfully performed	3021	L1a&b	L02	
323	9632		201	20/7/11	GRV	4:31:50	04:42:50	DSS-63	Global	successfully performed	3022	L1a&b	L02	
pre	9632		201	20/7/11	OCC	5:43:04	06:04:53	DSS-63		successfully performed	3023	L1a&b	L02	PSA
325	9633		201	20/7/11	OCC	12:43:00	13:04:49	DSS-15		successfully performed	3024	L1a&b	L02	PSA
326	9634/9635		202	21/7/11	GRV	0:13:36	01:41:49	NNO	Global	successfully performed	3025	L1a&b	L02	
327	9635		202	21/7/11	OCC	2:42:41	03:04:29	NNO		successfully performed	3026	L1a&b	L02	PSA
328	9638		202	21/7/11	OCC	23:42:16	00:04:04	NNO		successfully performed	3027	L1a&b	L02	PSA
329	9640		203	22/7/11	OCC	13:42:00	14:03:49	DSS-15		successfully performed	3028	L1a&b	L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

330	9641/96 42		204	23/7/11	GRV	1:11:49	03:12:36	NNO	Global	successfully performed	3029	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?
331	9643/96 44		204	23/7/11	GRV	15:11:18	16:40:34	DSS-15	Global	successfully performed	3030	L1a&b L02	
332	9644		204	23/7/11	OCC	17:41:23	18:03:12	NNO		cancelled by MPS	3031		
333	9645		204	23/7/11	GRV	22:40:33	23:41:17	NNO	Global	successfully performed	3032	L1a&b L02	
334	9645		205	24/7/11	OCC	0:38:29	1:03:10	NNO		successfully performed	3033	L1a&b L02	PSA
335	9648/96 49		206	25/7/11	GRV	2:10:02	03:39:54	NNO	Global	successfully performed	3034	L1a&b L02	
336	9649		206	25/7/11	OCC	4:40:53	05:02:42	NNO		successfully performed	3035	L1a&b L02	PSA
<b>end of MTP93</b>													
<b>start of MTP94</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?
337	9650		206	25/7/11	OCC	11:40:46	12:02:34	DSS-63		successfully performed	3036	L1a&b L02	PSA
338	9650		206	25/7/11	GRV	16:38:01	18:12:58	NNO		cancelled by MPS	3037		
339	9651		207	26/7/11	OCC	1:40:34	02:02:22	NNO		cancelled by MPS	3038		
340	9655		207	26/7/11	OCC	22:40:16	23:02:04	NNO		successfully performed	3039	L1a&b L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

341	9656		208	27/7/11	GRV	9:34:01	10:38:19	DSS-65	Global	successfully performed	3040	L1a&b	L02	
342	9657		208	27/7/11	OCC	12:40:04	13:01:52	DSS-14		successfully performed	3041	L1a&b	L02	PSA
343	9658/9659		208	27/7/11	GRV	23:50:00	01:19:54	NNO	Global	successfully performed	3042	L1a&b	L02	
344	9659		209	28/7/11	OCC	2:39:54	03:01:42	NNO		successfully performed	3043	L1a&b	L02	PSA
345	9662		209	28/7/11	OCC	23:39:38	00:01:26	NNO		successfully performed	3044	L1a&b	L02	PSA
	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?	
346	9664		210	29/7/11	OCC	13:39:28	14:01:16	DSS-15		successfully performed	3045	L1a&b	L02	PSA
347	9665/9666		211	30/7/11	GRV	1:21:42	02:19:17	NNO	Global	successfully performed	3046	L1a&b	L02	
348	9666		211	30/7/11	OCC	3:39:17	04:01:05	NNO		successfully performed	3047	L1a&b	L02	PSA
349	9666/9667		211	30/7/11	GRV	8:21:43	09:17:58	DSS-63	Global	successfully performed	3048	L1a&b	L02	
350	9667/9668		211	30/7/11	GRV	15:21:42	16:42:58	DSS-15	Global	successfully performed	3049	L1a&b	L02	
351	9669		212	31/7/11	OCC	0:39:05	01:00:53	NNO		unknown	3050	L1a&b	L02	PSA
352	9670/9671		212	31/7/11	GRV	12:15:00	13:18:56	DSS-63	Global	successfully performed	3051	L1a&b	L02	
353	9671		212	31/7/11	OCC	14:38:56	15:00:44	DSS-63	Global	successfully performed	3052	L1a&b	L02	PSA

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## Mars Express Radio Science Experiment - Science Operations Logbook

354	9672/96 73		213	1/8/11	GRV	1:29:49	03:30:58	NNO	Global	successfully performed	3053	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?	
355	9675/96 76		213	1/8/11	GRV	22:56:24	00:18:35	NNO	Global	successfully performed	3054	L1a&b	L02	
356	9675		214	2/8/11	OCC	1:38:35	02:00:23	NNO		successfully performed	3055	L1a&b	L02	
357	9677/96 78		214	2/8/11	GRV	12:28:34	15:12:58	DSS-15	Global	successfully performed	3056	L1a&b	L02	
358	9679		214	2/8/11	OCC	22:38:23	23:00:11	NNO		successfully performed	3057	L1a&b	L02	PSA
359	9679		215	3/8/11	GRV	2:27:57	03:35:32	NNO	Global	successfully performed	3058	L1a&b	L02	
360	9682/96 83		215	3/8/11	GRV	23:27:13	01:18:09	NNO	Global	successfully performed	3059	L1a&b	L02	
361	9683		216	4/8/11	OCC	2:38:09	02:59:57	NNO		successfully performed	3060	L1a&b	L02	PSA
362	9686		216	4/8/11	OCC	23:37:58	23:59:46	NNO		successfully performed	3061	L1a&b	L02	PSA
363	9688		217	5/8/11	OCC	13:37:52	13:59:40	DSS-65		successfully performed	3062	L1a&b	L02	PSA
	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?	
364	9690		218	6/8/11	GRV	1:49:17	03:40:45	NNO	Global	successfully performed	3063	L1a&b	L02	
365	9691/96 92		218	6/8/11	GRV	14:24:46	16:57:58	DSS-15	Global	successfully performed	3064	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

366	9693		219	7/8/11	OCC	0:37:39	00:59:27	NNO		successfully performed	3065	L1a&b L02	PSA
367	9695		219	7/8/11	OCC	14:37:33	14:59:03	DSS-15		successfully performed	3066	L1a&b L02	PSA
368	9696/9697		220	8/8/11	GRV	1:23:24	04:41:21	NNO	Global	successfully performed	3067	L1a&b L02	
369	9699/9700		220	8/8/11	GRV	22:32:32	00:17:08	NNO	Global	successfully performed	3068	L1a&b L02	
370	9704		222	10/8/11	GRV	3:14:55	04:01:09	NNO	Global	successfully performed	3069	L1a&b L02	
371	9706		222	10/8/11	GRV	23:20:36	00:26:14	NNO	Global	successfully performed	3070	L1a&b L02	
372	9709/9710		223	11/8/11	GRV	22:26:08	23:40:11	NNO	Global	successfully performed	3071	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?
373	9712		224	12/8/11	GRV	11:54:43	13:39:43	DSS-15	Global	successfully performed	3072	L1a&b L02	
374	9714		225	13/8/11	GRV	1:22:27	03:39:12	NNO	Global	successfully performed	3073	L1a&b L02	
375	9716		225	13/8/11	GRV	15:22:35	17:38:41	DSS-15	Global	successfully performed	3074	L1a&b L02	
376	9717		226	14/8/11	GRV	4:17:37	04:43:59	NNO		failed	3075		
377	9717		226	14/8/11	GRV	6:14:36	07:38:10	DSS-63		failed	3076	L1a&b	
378	9718		226	14/8/11	GRV	11:17:17	14:07:58	DSS-63	white-planned-task	failed	3077	L1a&b	

grey: status of operation? to be checked

yellow: task to be completed

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## Mars Express Radio Science Experiment - Science Operations Logbook

379	9720		227	15/8/11	GRV	1:41:40	04:37:10	NNO		failed	3078		
380	9723		227	15/8/11	GRV	22:41:18	01:36:46	NNO		failed	3079		
381	9726		228	16/8/11	GRV	14:10:00	14:46:39	DSS-15	Global	partially performed	3080	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?
382	9727		229	17/8/11	GRV	3:40:17	05:01:21	NNO		failed	3081		
383	9730		229	17/8/11	GRV	23:13:58	02:35:06	NNO		failed	3082		
384	9737/9738		232	20/8/11	GRV	0:12:00	03:33:28	NNO	Global	unknown	3083	L1a&b	L02
385	9738/9739		232	20/8/11	GRV	7:11:43	09:12:58	DSS-65	Global	successfully performed	3084	L1a&b	L02
386	9741		232	20/8/11	GRV	22:10:41	23:41:25	NNO	Global	unknown	3085	L1a&b	L02
387	9744/9745		234	22/8/11	GRV	1:10:02	02:23:58	NNO	Global	unknown	3086	L1a&b	L02
388	9745		234	22/8/11	GRV	3:49:01	04:31:54	DSS-63	Global	successfully performed	3087	L1a&b	L02
<b>end of MTP94</b>													
<b>start of MTP95</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?
389	9749		235	23/8/11	GRV	12:08:38	14:17:58	DSS-14		failed	3088		

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

390	9752		236	24/8/11	GRV	4:18:36	05:30:20	DSS-63	Global	partially performed	3089	L1a&b	
391	9753		236	24/8/11	GRV	10:49:09	12:07:58	DSS-65	Global	partially performed	3090	L1a&b	
392	9754/9755		236	24/8/11	GRV	23:07:10	02:29:37	NNO	Global	unknown	3091	L1a&b	L02
393	9756/9757		237	25/8/11	GRV	13:06:38	14:27:59	DSS-15	Global	partially performed	3092	L1a&b	
394	9758		237	25/8/11	GRV	21:33:51	22:33:59	DSS-14	Global	partially performed	3093	L1a&b	
395	9760		238	26/8/11	GRV	11:28:54	13:21:53	DSS-14	Global	partially performed	3094	L1a&b	
396	9761		239	27/8/11	GRV	0:05:09	03:28:05	NNO		failed	3095		
397	9765		239	27/8/11	GRV	23:11:46	00:05:02	NNO	Global	unknown	3096	L1a&b	L02
398	9768/9769		241	29/8/11	GRV	1:03:08	04:24:17	NNO	Global	unknown	3097	L1a&b	L02
399	9771		242	30/8/11	GRV	0:09:26	01:26:04	NNO		failed	3098		
400	9774/9775		242	30/8/11	GRV	17:53:00	20:45:00	DSS-15	Global	successfully performed	3099	L1a&b	L02
401	9775		243	31/8/11	GRV	2:01:06	04:38:02	NNO		failed	3100		
402	9779		244	1/9/11	GRV	1:07:03	02:24:34	NNO	Global	unknown	3101	L1a&b	

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

403	9781		244	1/9/11	GRV	21:52:32	23:05:18	NNO		failed	3102		
404	9785		245	2/9/11	GRV	23:58:11	03:23:05	NNO		failed	3103		
405	9786/9787		246	3/9/11	GRV	6:33:00	8:50:00	DSS-65	Global	successfully performed	3104	L1a&b	L02
	9787		246	3/9/11	GRV	12:58:00	14:14:00	DSS-15	Global	successfully performed	3125	L1a&b	L02
406	9788		246	3/9/11	GRV	21:49:02	00:13:01	NNO		failed	3105		
	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?
407	9789/9790		247	4/9/11	GRV	3:18:00	6:30:00	DSS-65	Global	performed	3106	L1a&b	L02
408	9792		248	5/9/11	GRV	0:56:08	02:13:58	NNO		failed	3107		
409	9793		248	5/9/11	GRV	3:13:00	4:37:00	DSS-63	Global	successfully performed	3108	L1a&b	L02
410	9794/9795		248	5/9/11	GRV	12:37:00	16:00:00	DSS-14	Global	successfully performed	3109	L1a&b	L02
411	9795		249	6/9/11	GRV	0:01:21	00:57:45	NNO		failed	3110		
412	9802/9803		250	7/9/11	GRV	22:53:11	02:01:01	NNO	Global	successfully performed	3111	L1a&b	L02
413	9806		251	8/9/11	GRV	21:40:52	23:18:52	NNO	Global	successfully performed	3112	L1a&b	L02
414	9807		252	9/9/11	GRV	11:23:00	13:03:00	DSS-15	white planned task	cancelled by DSN			

grey: status of operation? to be checked  
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## Mars Express Radio Science Experiment - Science Operations Logbook

415	9809/98 10		252	9/9/11	GRV	23:51:08	03:18:04	NNO	Global	successfully performed	3114	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?
416	9813		253	10/9/11	GRV	21:37:22	23:57:38	NNO	Global	successfully performed	3115	L1a&b	L02
417	9813		254	11/9/11	GRV	3:49:56	04:39:14	NNO	Global	successfully performed	3116	L1a&b	L02
418	9815/98 16		254	11/9/11	GRV	17:43:00	20:42:58	DSS-14	Global	successfully performed	3117	L1a&b	L02
419	9816/98 17		255	12/9/11	GRV	0:49:04	04:16:39	NNO	Global	successfully performed	3118	L1a&b	L02
420	9820		255	12/9/11	GRV	23:53:26	01:04:32	NNO	Global	successfully performed	3119	L1a&b	L02
421	9823		256	13/9/11	GRV	21:32:13	22:15:28	NNO	Global	successfully performed	3120	L1a&b	L02
422	9826/98 27		257	14/9/11	GRV	22:46:09	00:39:29	NNO	Global	successfully performed	3121	L1a&b	L02
423	9830		258	15/9/11	GRV	21:35:38	22:59:43	NNO	Global	successfully performed	3122	L1a&b	L02
424	9831/98 32		259	16/9/11	GRV	11:00:00	13:01:31	DSS-15	Global	successfully performed	3123	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?
425	9833/98 34		259	16/9/11	GRV	23:44:04	02:58:25	NNO	Global	successfully performed	3124	L1a&b	L02
426	9836		260	17/9/11	GRV	22:47:21	00:00:19	NNO	white planned task	cancelled by MPS			

grey: status of operation? to be checked  
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green: task completed

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## Mars Express Radio Science Experiment - Science Operations Logbook

427	9840/98 41		262	19/9/11	GRV	0:42:00	01:58:58	NNO	Global	successfully performed	3126	L1a&b L02	
<b>end of MTP95</b>													
<b>start of MTP96</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?
428	9844		262	19/9/11	GRV	23:45:47	00:58:40	NNO	Global	successfully performed	3127	L1a&b L02	
429	9847		263	20/9/11	GRV	21:19:55	21:57:55	NNO	Global	successfully performed	3128	L1a&b L02	
430	9848		264	21/9/11	GRV	3:44:30	04:31:30	DSS-63	Global	successfully performed	3129	L1a&b L02	
431	9850/98 51		264	21/9/11	GRV	22:51:55	01:56:44	NNO	Global	successfully performed	3130	L1a&b L02	
432	9854		265	22/9/11	GRV	21:15:58	22:36:51	NNO	Global	successfully performed	3131	L1a&b L02	
433	9860/98 61		267	24/9/11	GRV	21:13:14	23:54:24	NNO	Global	unknown	3132	L1a&b L02	
434	9861		268	25/9/11	GRV	3:49:07	04:24:55	NNO	Global	unknown	3133	L1a&b L02	
435	9864/98 65		269	26/9/11	GRV	0:34:42	04:06:59	NNO	Global	unknown	3134	L1a&b L02	
436	9867		269	26/9/11	GRV	23:37:35	00:49:31	NNO		failed	3135		
	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?
437	9874		271	28/9/11	GRV	22:31:46	01:57:12	NNO		failed	3136		

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

438	9878		272	29/9/11	GRV	21:35:37	22:44:09	NNO	Global	successfully performed	3137	L1a&b	L02
439	9880		273	30/9/11	GRV	11:55:28	12:49:25	DSS-14	Global	successfully performed	3138	L1a&b	L02
440	9881/9882		273	30/9/11	GRV	23:29:40	02:42:56	NNO	Global	successfully performed	3139	L1a&b	L02
441	9885		274	1/10/11	GRV	22:50:51	23:41:56	NNO	Global	successfully performed	3140	L1a&b	L02
442	9885		275	2/10/11	GRV	3:28:20	04:18:41	NNO	Global	successfully performed	3141	L1a&b	L02
443	9887		275	2/10/11	GRV	13:17:23	14:02:28	DSS-14	Global	successfully performed	3142	L1a&b	L02
444	9888/9889		276	3/10/11	GRV	0:27:31	03:43:06	NNO	Global	partially performed	3143	L1a&b	L02
445	9891/9892		276	3/10/11	GRV	22:09:34	23:01:22	NNO	Global	successfully performed	3144	L1a&b	L02
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>
446	9895		277	4/10/11	GRV	20:51:21	21:45:26	NNO	Global	successfully performed	3145	L1a&b	L02
447	9898/9899		278	5/10/11	GRV	22:24:21	23:59:39	NNO	Global	successfully performed	3146	L1a&b	L02
448	9902		280	7/10/11	GRV	2:23:13	03:03:39	NNO	Global	successfully performed	3147	L1a&b	L02
449	9905/9906		280	7/10/11	GRV	23:22:14	02:38:48	NNO	Global	successfully performed	3148	L1a&b	L02
450	9908/9909		281	8/10/11	GRV	20:43:16	23:37:56	NNO	Global	successfully performed	3149	L1a&b	L02

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

451	9909		282	9/10/11	GRV	3:21:03	04:11:21	NNO	Global	successfully performed	3150	L1a&b	L02
452	9912/99 13		283	10/10/11	GRV	0:20:05	03:55:34	NNO	Global	successfully performed	3151	L1a&b	L02
453	9915/99 16		283	10/10/11	GRV	22:01:56	00:39:43	NNO	Global	successfully performed	3152	L1a&b	L02
454	9919		284	11/10/11	GRV	20:13:23	21:13:58	NNO	Global	successfully performed	3153	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?
455	9920		285	12/10/11	GRV	3:20:42	04:37:35	NNO		cancelled by MPS	3154		
456	9922/99 23		285	12/10/11	GRV	22:17:04	01:37:48	NNO	Global	successfully performed	3155	L1a&b	L02
457	9926		286	13/10/11	GRV	20:33:18	22:23:48	NNO	Global	successfully performed	3156	L1a&b	L02
458	9926/99 27		287	14/10/11	GRV	2:15:50	04:05:21	NNO	Global	successfully performed	3157	L1a&b	L02
459	9928		287	14/10/11	GRV	12:10:09	12:51:45	DSS-15	Global	partially performed	3158	L1a&b	
460	9929/99 30		287	14/10/11	GRV	23:14:55	02:35:52	NNO	Global	successfully performed	3159	L1a&b	L02
461	9932/99 33		288	15/10/11	GRV	20:28:36	23:42:11	NNO	Global	successfully performed	3160	L1a&b	L02
462	9936		290	17/10/11	GRV	0:12:43	03:27:37	NNO		failed	3161		
<b>end of MTP96</b>													
<b>start of MTP97</b>													

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?	Volume-ID	processed?	archived?
463	9939/9940		290	17/10/11	GRV	21:44:33	00:22:10	NNO	Global	successfully performed	3162	L1a&b L02	
464	9943		291	18/10/11	GRV	20:26:07	21:21:15	NNO	Global	successfully performed	3163	L1a&b L02	
465	9943		292	19/10/11	GRV	2:34:47	03:59:32	NNO	Global	successfully performed	3164	L1a&b L02	
466	9946/9947		292	19/10/11	GRV	22:42:04	01:08:15	NNO	Global	successfully performed	3165	L1a&b L02	
467	9954		294	21/10/11	GRV	23:55:09	02:31:26	NNO	Global	successfully performed	3166	L1a&b L02	
468	9954		295	22/10/11	GRV	6:18:20	07:06:17	NNO		cancelled by MPS	3167		
469	9957		295	22/10/11	GRV	22:12:12	22:56:40	NNO	Global	successfully performed	3168	L1a&b L02	
470	9957		296	23/10/11	GRV	3:10:03	03:54:59	NNO	Global	successfully performed	3169	L1a&b L02	
471	9958		296	23/10/11	GRV	5:15:43	06:27:46	DSS-65	Global	partially performed	3170	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?
472	9960/9961		297	24/10/11	GRV	0:37:04	03:30:39	NNO	Global	successfully performed	3171	L1a&b L02	
473	9963		297	24/10/11	GRV	21:36:01	22:32:12	NNO		failed			
474	9967		299	26/10/11	GRV	3:08:36	03:50:53	NNO		failed			

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

475	9970		299	26/10/11	GRV	22:06:00	01:44:31	NNO		failed			
476	9973		300	27/10/11	GRV	21:06:32	22:22:38	NNO		failed			
477	9974		301	28/10/11	GRV	2:32:13	03:48:18	NNO		failed			
478	9980		302	29/10/11	GRV	20:02:42	23:10:37	NNO		failed			
479	9981		303	30/10/11	GRV	3:02:28	03:46:01	NNO		failed			
480	9983		303	30/10/11	GRV	12:49:46	13:42:16	NNO	Global	cancelled by MPS			
	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?
481	9984		303	30/10/11	GRV	19:59:08	20:42:00	NNO	Global	cancelled by MPS			
482	9987		304	31/10/11	GRV	23:01:54	00:18:23	NNO		failed			
483	9990		305	1/11/11	GRV	19:54:30	20:48:42	NNO		failed			
484	9992		306	2/11/11	GRV	3:33:49	04:26:00	DSS-65		failed	3183		
485	9994		306	2/11/11	GRV	21:58:12	01:16:36	NNO		failed			
486	9998		307	3/11/11	GRV	20:30:58	22:12:28	NNO	Global	unknown	3185	L1a&b	L02
487	9998		308	4/11/11	GRV	1:57:23	03:38:50	NNO	Global	failed			

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

488	9999/10000		308	4/11/11	GRV	8:56:39	11:17:57	NNO		cancelled by MPS			
489	10001		308	4/11/11	GRV	22:56:01	02:01:27	DSS-74		failed	3188		
	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?
490	10004		309	5/11/11	GRV	21:56:30	23:26:06	NNO		failed			
491	10006		310	6/11/11	GRV	4:57:04	06:13:19	NNO		cancelled by MPS			
492	10008		310	6/11/11	GRV	23:53:49	03:12:12	NNO		failed			
493	10012		312	8/11/11	GRV	5:08:54	06:28:58	DSS-65		failed	3192		
494	10015		313	9/11/11	GRV	0:51:37	03:31:36	NNO		failed			
495	10022		315	11/11/11	GRV	1:49:21	03:28:39	NNO		failed			
496	10025		315	11/11/11	GRV	22:58:49	02:07:16	NNO		failed			
497	10028		316	12/11/11	GRV	21:48:40	23:06:13	NNO		failed			
498	10029		317	13/11/11	GRV	2:47:01	03:25:56	NNO		cancelled by MPS			
	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?
499	10029		317	13/11/11	GRV	4:46:40	05:42:58	DSS-63	white-planned-task	failed	3198		

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

500	10033		318	14/11/11	GRV	1:28:57	03:23:02	NNO	Global	partially performed	3199	L1a&b	L02
<b>end of MTP97</b>													
<b>start of MTP98</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?	
501	10035	318	14/11/11	GRV	21:00:20	23:34:16	NNO		failed				
502	10039	319	15/11/11	GRV	19:50:01	20:40:46	NNO		failed				
503	10046	322	18/11/11	GRV	1:23:03	02:47:41	NNO		failed				
504	10052	323	19/11/11	GRV	20:51:53	21:54:05	NNO		failed				
505	10056	325	21/11/11	GRV	0:06:55	02:22:14	NNO		failed				
506	10059	325	21/11/11	GRV	20:45:32	23:32:00	NNO		failed				
507	10063	327	23/11/11	GRV	2:19:57	03:09:19	NNO		failed				
508	10066	327	23/11/11	GRV	21:31:09	22:49:34	NNO		failed				
509	10070	329	25/11/11	GRV	1:26:27	02:35:52	NNO		failed				
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?	
510	10073	329	25/11/11	GRV	23:01:38	01:31:39	NNO		failed				

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

511	10076		330	26/11/11	GRV	21:24:32	22:12:57	NNO		failed			
512	10080		331	27/11/11	GRV	23:05:58	02:19:50	NNO		failed			
513	10084		333	29/11/11	GRV	2:25:42	02:58:40	NNO		failed			
514	10087		334	30/11/11	GRV	2:11:24	02:56:48	NNO		failed			
515	10090		334	30/11/11	GRV	23:07:02	00:07:58	NNO		failed			
516	10094		335	1/12/11	GRV	20:45:50	21:11:34	NNO		failed			
517	10094		336	2/12/11	GRV	1:21:25	02:23:02	NNO		failed			
518	10097		337	3/12/11	GRV	0:07:55	01:15:29	NNO		failed			
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>
519	10100		337	3/12/11	GRV	20:06:36	21:09:24	NNO		failed			
520	10101		338	4/12/11	GRV	2:11:36	02:49:09	NNO		failed			
521	10104		339	5/12/11	GRV	1:05:45	02:11:26	NNO		failed			
522	10107		339	5/12/11	GRV	22:06:47	23:28:48	NNO		failed			
523	10114		341	7/12/11	GRV	23:04:31	23:35:25	NNO		failed			

grey: status of operation? to be checked  
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 green: task completed  
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## Mars Express Radio Science Experiment - Science Operations Logbook

524	10118		342	8/12/11	GRV	20:51:53	21:39:38	NNO		failed			
525	10118		343	9/12/11	GRV	2:03:16	02:39:05	NNO		failed			
526	10121		344	10/12/11	GRV	0:07:16	00:53:03	NNO		failed			
527	10125		344	10/12/11	GRV	21:49:30	22:37:25	NNO		failed			
	<b>orbit number</b>	<b>DSN tracking number</b>	<b>day of year</b>	<b>date</b>	<b>MaRS activity</b>	<b>start time (UT) planned/ actual</b>	<b>stop time (UT) planned/ actual</b>	<b>ground station</b>	<b>target; coordinates</b>	<b>performed? cancelled?</b>	<b>Volume-ID</b>	<b>processed?</b>	<b>archived?</b>
528	10128		346	12/12/11	GRV	1:07:54	02:01:43	NNO		failed	3226		
<b>end of MTP98</b>													

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