

## Mars Express Radio Science Experiment - Science Operations Logbook

sequel to MaRS_ops_logbook 12												
	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?
1	11458/1 1459		002	2/1/13	GRV	9:00:46	10:45:48	NNO	global	successfully performed	3468	L1a&b L02
2	11461		003	3/1/13	GRV	0:57:37	03:17:00	NNO	global	successfully performed	3471	L1a&b L02
3	11462		003	3/1/13	GRV	8:53:22	10:47:39	NNO	global	successfully performed	3472	L1a&b L02
4	11467/1 1468		005	5/1/13	GRV	0:57:14	03:19:55	NNO	global	successfully performed	3473	L1a&b L02
5	11468/1 1469		005	5/1/13	GRV	8:08:27	10:55:14	NNO	global	successfully performed	3474	L1a&b L02
start of MTP 113												
6	11475		007	7/1/13	GRV	8:14:30	11:01:13	NNO	global	successfully performed	3493	L1a&b L02
7	11482		009	9/1/13	GRV	8:20:16	10:59:13	NNO	global	successfully performed	3494	L1a&b L02
8	11489		011	11/1/13	GRV	9:02:56	11:09:13	NNO	global	successfully performed	3495	L1a&b L02
9	11492		012	12/1/13	GRV	8:28:19	10:32:58	NNO	global	successfully performed	3496	L1a&b L02
10	11499		014	14/1/13	GRV	8:33:14	11:19:41	NNO	global	successfully performed	3497	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

11	11506		016	16/1/13	GRV	8:37:49	11:24:12	NNO	global	successfully performed	3498	L1a&b L02
12	11513		018	18/1/13	GRV	9:03:06	11:25:05	NNO	global	successfully performed	3499	L1a&b L02
13	11516		019	19/1/13	GRV	8:37:25	10:53:34	NNO	global	successfully performed	3500	L1a&b L02
14	11520		020	20/1/13	GRV	9:42:31	11:22:15	NNO	global	successfully performed	3492	L1a&b L02
15	11523		021	21/1/13	GRV	8:47:32	11:10:17	NNO	global	successfully performed	3501	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>
16	11530		023	23/1/13	GRV	8:31:46	11:17:53	NNO	global	successfully performed	3502	L1a&b L02
17	11537		025	25/1/13	GRV	9:01:54	11:14:55	NNO	global	successfully performed	3503	L1a&b L02
18	11540		026	26/1/13	GRV	8:27:24	10:01:12	NNO	global	successfully performed	3504	L1a&b L02
19	11544		027	27/1/13	GRV	9:26:38	11:11:54	NNO	global	successfully performed	3505	L1a&b L02
20	11547		028	28/1/13	GRV	9:09:02	10:56:33	NNO	global	successfully performed	3506	L1a&b L02
21	11554		030	30/1/13	GRV	9:14:06	11:07:17	NNO	global	successfully performed	3507	L1a&b L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

22	11561		032	1/2/13	GRV	9:18:10	10:50:55	NNO	global	successfully performed	3508	L1a&b	L02
23	11564		033	2/2/13	GRV	8:16:49	10:08:04	NNO	global	successfully performed	3509	L1a&b	L02
24	11568		034	3/2/13	GRV	9:11:18	11:00:58	NNO	global	performed	3475	L1a&b	L02
<b>end of MTP 113</b>													
<b>start of MTP 114</b>													
25	11571/1 1572		035	4/2/13	GRV	8:13:40	10:41:02	NNO	global	successfully performed	3510	L1a&b	L02
26	11585/1 1586		039	8/2/13	GRV	8:07:16	10:52:49	NNO	global	successfully performed	3511	L1a&b	L02
27	11592		041	10/2/13	GRV	9:15:23	10:49:29	NNO	global	successfully performed	3512	L1a&b	L02
28	11596		042	11/2/13	GRV	8:59:31	10:47:49	NNO	global	successfully performed	3513	L1a&b	L02
29	11602/1 1603		044	13/2/13	GRV	8:54:36	10:44:26	NNO	global	successfully performed	3514	L1a&b	L02
30	11609/1 1610		046	15/2/13	GRV	8:48:40	10:21:45	NNO	global	successfully performed	3515	L1a&b	L02
31	11619/1 1620		049	18/2/13	GRV	7:50:37	10:35:48	NNO	global	successfully performed	3516	L1a&b	L02
32	11622/1 1623		050	19/2/13	GRV	4:14:46	06:59:57	NNO	global	successfully performed	3517	L1a&b	L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

33	11626/1 1627		051	20/2/13	GRV	7:56:05	10:32:18	NNO	global	successfully performed	3518	L1a&b L02
34	11633/1 1634		053	22/2/13	GRV	7:43:42	10:28:45	NNO	global	successfully performed	3519	L1a&b L02
35	11637		054	23/2/13	GRV	7:41:57	09:20:13	NNO	global	successfully performed	3520	L1a&b L02
36	11640		055	24/2/13	GRV	8:24:06	10:25:11	NNO	global	successfully performed	3521	L1a&b L02
37	11644		056	25/2/13	GRV	7:38:26	09:45:52	NNO	global	successfully performed	3528	L1a&b L02
38	11650/1 1651		058	27/2/13	GRV	7:34:53	10:19:47	NNO	global	successfully performed	3529	L1a&b L02
39	11657/1 1658		060	1/3/13	GRV	7:31:18	10:06:13	NNO	global	successfully performed	3530	L1a&b L02
40	11664		062	3/3/13	GRV	8:26:20	10:12:28	NNO	global	successfully performed	3531	L1a&b L02
<b>end of MTP 114</b>												
<b>start of MTP 115</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?
41	11667/1 1668		063	4/3/13	SCO	7:25:54	09:33:01	NNO	global	partially performed	3476	L1a&b L02
42	11670/1 1671		064	5/3/13	SCO	4:20:14	06:14:51	NNO	global	partially performed	3477	L1a&b L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

43	11681/1 1682		067	8/3/13	SCO	7:28:12	10:03:14	NNO	global	partially performed	3478	L1a&b L02
44	11685		068	9/3/13	SCO	7:26:44	08:26:03	NNO	global	cancelled by MPS		
45	11690		069	10/3/13	SCO	22:29:26	01:19:57	DSS-14	global	performed(-)	3483	L1a&b
46	11692		070	11/3/13	SCO	7:13:08	08:58:23	NNO	global	partially performed	3484	L1a&b L02
47	11694/1 1695		071	12/3/13	SCO	3:11:17	06:16:00	NNO	global	partially performed	3480	L1a&b L02
48	11698/1 1699		072	13/3/13	SCO	7:09:26	09:53:53	NNO	global	partially performed	3481	L1a&b L02
49	11705		074	15/3/13	SCO	7:05:45	09:00:12	NNO	global	successfully performed	3482	L1a&b L02
50	11709		075	16/3/13	SCO	7:27:18	08:06:37	NNO	global	cancelled by MPS		
51	11711		075	16/3/13	SCO	21:20:23	22:04:59	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?
52	11712		076	17/3/13	SCO	8:08:57	09:46:21	NNO	global	partially performed	3485	L1a&b L02
53	11714/1 1715		076	17/3/13	SCO	21:54:38	01:14:57	DSS-15	global	performed(-)	3479	L1a&b

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## Mars Express Radio Science Experiment - Science Operations Logbook

54	11716		077	18/3/13	SCO	7:00:08	09:24:50	NNO	global	successfully performed	3486	L1a&b L02
55	11722/1 1723		079	20/3/13	SCO	6:56:25	09:40:40	NNO	global	successfully performed	3487	L1a&b L02
56	11736		083	24/3/13	SCO	7:52:29	09:33:05	NNO	global	successfully performed	3532	L1a&b L02
57	11739/1 1740		084	25/3/13	SCO	6:47:02	08:55:42	NNO	global	successfully performed	3488	L1a&b L02
58	11746/1 1747		086	27/3/13	SCO	6:43:17	09:27:20	NNO	global	successfully performed	3489	L1a&b L02
59	11753/1 1754		088	29/3/13	SCO	6:39:32	09:23:31	NNO	global	partially performed	3490	L1a&b L02
60	11757		089	30/3/13	SCO	6:22:37	08:11:55	NNO	global	partially performed	3491	L1a&b L02
61	11760		090	31/3/13	SCO	6:56:05	09:34:42	NNO	global	performed	3522	L1a&b L02
<b>end of MTP 115</b>												
<b>start of MTP 116</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?
62	11763/1 1764		091	1/4/13	SCO	6:18:52	09:06:46	NNO	global	performed	3533	L1a&b L02
63	11767		092	2/4/13	SCO	7:51:22	09:30:52	NNO	global	performed	3534	L1a&b L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

64	11777/1 1778		095	5/4/13	SCO	6:11:20	09:25:09	NNO	global	performed	3535	L1a&b L02
65	11781		096	6/4/13	SCO	6:09:28	07:54:34	NNO	global	performed	3536	L1a&b L02
66	11783		096	6/4/13	SCO	20:51:00	01:25:57	DSS-14	global	successfully performed	3537	L1a&b L02
67	11784		097	7/4/13	SCO	6:39:53	09:21:21	NNO	global	performed	3538	L1a&b L02
68	11789		098	8/4/13	SCO	14:20:14	15:49:00	DSS-63	global	successfully performed	3539	L1a&b L02
69	11791		099	9/4/13	SCO	7:35:07	09:17:33	NNO	global	partially performed	3540	L1a&b L02
70	11792/1 1793		099	9/4/13	SCO	14:50:15	17:59:57	DSS-63	global	successfully performed	3541	L1a&b L02
71	11796		100	10/4/13	SCO	15:15:17	16:44:13	DSS-14	global	successfully performed	3542	L1a&b L02
72	11799/1 1800		101	11/4/13	SCO	16:05:18	17:59:57	DSS-63	global	successfully performed	3543	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>
73	11802/1 1803		102	12/4/13	SCO	12:27:35	15:34:57	DSS-63	global	successfully performed	3544	L1a&b L02
74	11805		103	13/4/13	SCO	5:56:22	07:38:07	NNO	global	partially performed	3545	L1a&b L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

75	11805/1 1806		103	13/4/13	SCO	10:05:21	13:21:17	DSS-63	global	successfully performed	3546	L1a&b L02
76	11806		103	13/4/13	SCO	16:24:48	17:54:57	DSS-63	global	successfully performed	3547	L1a&b L02
77	11809/1 1810		104	14/4/13	SCO	13:22:49	17:18:33	DSS-63	global	performed(-)	3548	L1a&b L02
78	11812		105	15/4/13	SCO	5:52:38	08:33:25	NNO	global	partially performed	3549	L1a&b L02
79	11813/1 1814		105	15/4/13	SCO	17:20:00	21:15:44	DSS-14	global	performed(-)	3550	L1a&b
80	11818/1 1819		107	17/4/13	SCO	5:48:57	08:58:17	NNO	global	partially performed	3551	L1a&b L02
81	11820		107	17/4/13	SCO	15:00:26	16:28:06	DSS-14	global	performed(-)	3552	L1a&b
82	11820		107	17/4/13	SCO	18:15:12	20:09:59	DSS-14	global	performed(-)	3553	L1a&b
	<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>
83	11823/1 1824		108	18/4/13	SCO	15:50:28	17:44:57	DSS-63	global	performed(-)	3554	L1a&b
84	11825/1 1826		109	19/4/13	SCO	5:45:14	08:58:43	NNO	global	partially performed	3555	L1a&b L02
85	11827		109	19/4/13	SCO	14:55:29	17:23:30	DSS-14	global	performed(-)	3556	L1a&b

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## Mars Express Radio Science Experiment - Science Operations Logbook

86	11827		109	19/4/13	SCO	19:10:23	20:53:31	DSS-14	global	performed(-)	3557	L1a&b
87	11828		109	19/4/13	SCO	22:29:47	00:22:53	DSS-14	global	performed(-)	3558	L1a&b
88	11829/1 1830		110	20/4/13	SCO	9:50:30	13:04:44	DSS-63	global	performed(-)	3559	L1a&b
89	11832/1 11833		111	21/4/13	SCO	6:07:01	08:55:00	NNO	global	performed	3560	L1a&b L02
90	11833/1 1834		111	21/4/13	SCO	13:06:18	15:34:57	DSS-63	global	performed(-)	3561	L1a&b
91	11836		112	22/4/13	SCO	5:39:44	08:17:37	NNO	global	performed	3570	L1a&b L02
92	11837		112	22/4/13	SCO	13:23:13	15:17:04	DSS-63	global	successfully performed	3562	L1a&b L02
93	11840		113	23/4/13	SCO	9:45:32	12:15:05	DSS-63	global	successfully performed	3563	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?
94	11840/1 1841		113	23/4/13	SCO	14:01:29	17:29:57	DSS-63	global	successfully performed	3571	L1a&b L02
95	11842/1 1843		114	24/4/13	SCO	5:36:04	08:45:16	NNO	global	partially performed	3572	L1a&b L02
96	11845/1 1846		115	25/4/13	SCO	3:11:34	06:11:16	NNO	global	partially performed	3573	L1a&b L02

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## Mars Express Radio Science Experiment - Science Operations Logbook

97	11847/1 1848		115	25/4/13	SCO	16:30:36	19:35:46	DSS-14	global	successfully performed	3564	L1a&b L02
98	11850/1 1851		116	26/4/13	SCO	11:54:30	15:39:57	DSS-63	global	successfully performed	3565	L1a&b L02
99	11853		117	27/4/13	SCO	5:30:38	07:06:46	NNO	global	partially performed	3574	L1a&b L02
100	11853/1 1854		117	27/4/13	SCO	9:35:38	12:48:15	DSS-63	global	successfully performed	3566	L1a&b L02
101	11857		118	28/4/13	SCO	9:35:38	11:04:07	DSS-63	global	successfully performed	3567	L1a&b L02
102	11857/1 1858		118	28/4/13	SCO	12:49:39	15:39:57	DSS-63	global	successfully performed	3568	L1a&b L02
103	11860		119	29/4/13	SCO	5:27:01	08:02:18	NNO	global	performed(-)	3575	L1a&b L02
104	11862		119	29/4/13	SCO	20:50:40	22:00:58	DSS-14	global	successfully performed	3569	L1a&b L02
105	11863		120	30/4/13	SCO	6:45:31	08:38:30	NNO	global	performed	3576	L1a&b L02
106	11866/1 1867		121	1/5/13	SCO	5:23:26	08:32:30	NNO	global	performed	3577	L1a&b L02
<b>end of MTP 116</b>												
<b>start of MTP 117</b>												
107	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?

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## Mars Express Radio Science Experiment - Science Operations Logbook

108	11880		125	5/5/13	SCO	5:48:44	08:14:33	NNO	global	successfully performed	3523	L1a&b L02
109	11904		132	12/5/13	SCO	6:31:30	08:02:20	NNO	global	successfully performed	3524	L1a&b L02
110	11908		133	13/5/13	SCO	5:17:32	06:55:26	NNO	global	successfully performed	3525	L1a&b L02
111	11921		137	17/5/13	SCO	5:10:48	07:53:53	NNO	global	successfully performed	3526	L1a&b L02
112	11928		139	19/5/13	SCO	5:48:34	07:50:34	NNO	global	successfully performed	3527	L1a&b L02
113	11951/1 1952		146	26/5/13	SCO	0:21:58	02:32:03	NNO	global	successfully performed	3578	L1a&b L02
114	11956		147	27/5/13	SCO	4:54:41	06:32:21	NNO	global	partially performed	3579	L1a&b L02
115	11963		149	29/5/13	SCO	4:51:34	07:27:25	NNO	global	partially performed	3580	L1a&b L02
116	11965/1 1966		150	30/5/13	SCO	0:17:00	02:36:52	NNO	global	partially performed	3581	L1a&b L02
117	11969/1 1970		151	31/5/13	SCO	4:48:29	07:31:28	NNO	global	partially performed	3582	L1a&b L02

**end of MTP 117**

**start of MTP 118**

	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?
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## Mars Express Radio Science Experiment - Science Operations Logbook

118	11976/1 1977		153	2/6/13	GRV	5:31:41	07:28:25	NNO	global	successfully performed	3583	L1a&b L02
119	11983		155	4/6/13	GRV	5:36:50	07:19:59	NNO	global	successfully performed	3584	L1a&b L02
120	12004		161	10/6/13	GRV	4:23:09	06:06:57	NNO	global	successfully performed	3585	L1a&b L02
121	12007		162	11/6/13	GRV	0:11:04	02:55:10	NNO	global	successfully performed	3586	L1a&b L02
122	12013/1 2014		164	13/6/13	GRV	0:17:00	02:59:29	NNO	global	successfully performed	3587	L1a&b L02
123	12017/1 2018		165	14/6/13	GRV	4:13:22	07:11:17	NNO	global	partially performed	3588	L1a&b L02
124	12020/1 2021		166	15/6/13	GRV	0:16:58	03:03:55	NNO	global	partially performed	3589	L1a&b L02
125	12024/1 2025		167	16/6/13	GRV	4:08:44	07:08:34	NNO	global	partially performed	3590	L1a&b L02
126	12031/1 2032		169	18/6/13	GRV	5:02:53	07:04:59	NNO	global	successfully performed	3591	L1a&b L02
127	12052		175	24/6/13	GRV	3:51:46	05:25:57	NNO	global	successfully performed	3592	L1a&b L02
128	12055		176	25/6/13	GRV	0:20:42	02:23:52	NNO	global	successfully performed	3593	L1a&b L02
129	12061/1 2062		178	27/6/13	GRV	0:24:35	02:28:48	NNO	global	successfully performed	3594	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

130	12065/1 2066		179	28/6/13	GRV	3:44:18	05:53:28	NNO	global	successfully performed	3595	L1a&b L02
<b>end of MTP 118</b>												
<b>start of MTP 119</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?
131	12075/1 2076		182	1/7/13	GRV	0:54:57	03:09:18	NNO	global	successfully performed	3596	L1a&b L02
132	12082		184	3/7/13	GRV	0:55:22	03:08:18	NNO	global	successfully performed	3597	L1a&b L02
133	12086/1 2087		185	4/7/13	GRV	7:00:44	09:14:57	DSS-65	global	successfully performed	3598	L1a&b L02
134	12109/1 2110		191	10/7/13	GRV	23:52:04	02:41:18	NNO	global	successfully performed	3599	L1a&b L02
135	12116/1 2117		193	12/7/13	GRV	23:48:01	03:02:44	NNO	global	successfully performed	3600	L1a&b L02
<b>end of MTP 119</b>												
<b>start of MTP 120</b>												
<b>end of MTP 120</b>												
<b>start of MTP 121</b>												
136	12353		262	19/9/13	GRV	22:01:18	00:31:54	NNO	global	successfully performed	3601	L1a&b L02
137	12364		265	22/9/13	GRV	23:57:18	1:39:16	NNO	global	successfully performed	3602	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

138	12374		268	25/9/13	GRV	21:48:39	23:23:36	NNO	global	successfully performed	3603	L1a&b L02
<b>end of MTP 121</b>												
<b>start of MTP 122</b>												
139	12405		277	4/10/13	GRV	22:53:08	1:17:45	NNO	Arabia [- 1.67463542 (N), 23.7889727 (E)]	successfully performed	3604	L1a&b L02
140	12436		286	13/10/13	GRV	22:20:08	0:58:15	NNO	global	successfully performed	3614	L1a&b L02
141	12466/1 2467		295	22/10/13	GRV	22:08:47	1:23:22	NNO	global	successfully performed	3634	L1a&b L02
142	12497/1 2498		304	31/10/13	GRV	21:39:25	1:06:37	NNO	global	successfully performed	3635	L1a&b L02
<b>end of MTP 122</b>												
<b>start of MTP 123</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?
143	12508		307	3/11/13	GRV	21:14:52	0:08:06	NNO	global	successfully performed	3636	L1a&b L02
144	12528/1 2529		313	9/11/13	GRV	22:53:05	1:09:30	NNO	global	successfully performed	3637	L1a&b L02
144	12587		330	26/11/13	OCC	23:35:55	23:57:25	NNO		successfully performed	3605	L1a&b L02
145	12594		333	29/11/13	OCC	0:26:36	0:48:06	NNO		successfully performed	3606	L1a&b L02
<b>end of MTP 123</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

start of MTP 124												
146	12604		335	1/12/13	OCC	22:15:28	22:36:58	NNO		successfully performed	3607	L1a&b L02
147	12608		337	3/12/13	OCC	2:11:34	2:33:04	NNO		successfully performed	3608	L1a&b L02
148	12611		337	3/12/13	OCC	23:08:35	23:30:05	NNO		successfully performed	3609	L1a&b L02
149	12615		339	5/12/13	OCC	3:04:59	3:26:29	NNO		successfully performed	3610	L1a&b L02
150	12618		340	6/12/13	OCC	0:02:06	0:23:36	NNO		successfully performed	3611	L1a&b L02
151	12621		340	6/12/13	OCC	20:59:33	21:07:40	NNO		cancelled by MPS		
152	12625		342	8/12/13	OCC	0:55:54	1:17:24	NNO		successfully performed	3613	L1a&b L02
153	12628		342	8/12/13	OCC	21:53:31	22:15:01	NNO		successfully performed	3615	L1a&b L02
154	12632		344	10/12/13	OCC	1:50:03	2:11:33	NNO		successfully performed	3616	L1a&b L02
155	12635		344	10/12/13	OCC	22:47:50	23:09:20	NNO		successfully performed	3650	L1a&b L02
156	12639		346	12/12/13	OCC	2:44:34	3:06:04	NNO		successfully performed	3617	L1a&b L02
157	12642		346	12/12/13	OCC	23:42:24	0:03:54	NNO		successfully performed	3618	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

158	12645		347	13/12/13	OCC	20:39:57	20:48:37	NNO		cancelled by MPS		
159	12646		348	14/12/13	OCC	3:39:19	4:00:49	NNO		successfully performed	3620	L1a&b L02
160	12649		349	15/12/13	OCC	0:37:13	0:58:43	NNO		successfully performed	3621	L1a&b L02
161	12659		351	17/12/13	OCC	22:30:13	22:39:13	NNO		cancelled by MPS		
162	12669		354	20/12/13	OCC	20:23:35	20:32:49	NNO		cancelled by MPS		
163	12670		355	21/12/13	OCC	3:23:01	3:44:31	NNO		successfully performed	3622	L1a&b L02
164	12673		356	22/12/13	OCC	0:20:58	0:42:28	NNO		successfully performed	3623	L1a&b L02
165	12676		356	22/12/13	OCC	21:19:11	21:28:35	NNO		cancelled by MPS		
166	12680		358	24/12/13	OCC	1:16:32	1:38:02	NNO		failed	3625	
167	12683		358	24/12/13	OCC	22:14:43	22:36:13	NNO		successfully performed	3626	L1a&b L02
168	12690		360	26/12/13	OCC	23:10:10	23:31:40	NNO		successfully performed	3627	L1a&b L02
169	12693		361	27/12/13	OCC	20:08:10	20:17:59	NNO		cancelled by MPS		

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## Mars Express Radio Science Experiment - Science Operations Logbook

	12693		361	27/12/13	PHO	0:00:00	23:59:59	NNO		unknown	3612		
170	12696		362	28/12/13	PHO	0:00:00	23:59:59	NNO		unknown	3619		
171	12699		363	29/12/13	PHO	0:00:00	23:59:59	NNO		unknown	3624		
	12699		363	29/12/13	PHO	0:00:00	23:59:59	DSS-14		unknown	3648		
	12699		363	29/12/13	PHO	0:00:00	23:59:59	DSS-63		unknown	3649		
172	12702		364	30/12/13	PHO	0:00:00	23:59:59	NNO		unknown	3628		
173	12707		365	31/12/13	OCC	21:59:21	22:20:51	NNO		successfully performed	3629	L1a&b	L02
<b>end of MTP 124</b>													

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# Mars Express Radio Science Experiment - Science Operations Logbook

archived?

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# Mars Express Radio Science Experiment - Science Operations Logbook

archived?

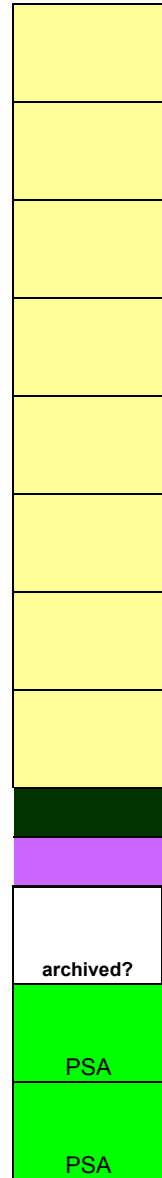
white: planned task  
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light red: task cancelled by ESOC PTR

# Mars Express Radio Science Experiment - Science Operations Logbook

Yellow
Yellow
Yellow
Cyan
Dark Green
Yellow
Yellow
Yellow
Yellow
Yellow
Yellow
Yellow
Yellow

white: planned task  
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# Mars Express Radio Science Experiment - Science Operations Logbook



white: planned task  
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# Mars Express Radio Science Experiment - Science Operations Logbook

PSA
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archived?
PSA

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# Mars Express Radio Science Experiment - Science Operations Logbook

PSA
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PSA

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# Mars Express Radio Science Experiment - Science Operations Logbook

PSA
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archived?
PSA

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# Mars Express Radio Science Experiment - Science Operations Logbook

internal
internal
archived?
internal

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# Mars Express Radio Science Experiment - Science Operations Logbook

internal
internal
archived?

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# Mars Express Radio Science Experiment - Science Operations Logbook

PSA
PSA
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archived?

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# Mars Express Radio Science Experiment - Science Operations Logbook

PSA
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archived?

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# Mars Express Radio Science Experiment - Science Operations Logbook


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# Mars Express Radio Science Experiment - Science Operations Logbook

archived?

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# Mars Express Radio Science Experiment - Science Operations Logbook

archived?

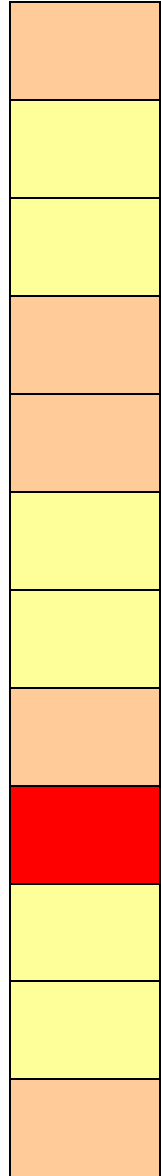
white: planned task  
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# Mars Express Radio Science Experiment - Science Operations Logbook


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# Mars Express Radio Science Experiment - Science Operations Logbook



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