Mars Express Radio Science Experiment - Science Operations Logbook

MTP 47 (sequel to Mars_ops_logbook 07)

	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	5147/ 5148		004	4/1/08	GRV	12:35:51	15:42:18	NNO	global	successfully performed	1404	L1a&b L02	PSA
2	5151/ 5152		005	5/1/08	GRV	15:57:44	18:36:12	NNO	global	successfully performed	1405	L1a&b L02	PSA
3	5154/ 5155		006	6/1/08	GRV	12:29:13	15:35:37	NNO	global	successfully performed	1406	L1a&b L02	PSA
4	5158/ 5159		007	7/1/08	GRV	15:51:01	18:26:30	NNO	global	successfully performed	1407	L1a&b L02	PSA
5	5161/ 5162		008	8/1/08	GRV	12:22:30	15:28:56	NNO	global	successfully performed	1408	L1a&b L02	PSA
6	5165/ 5166		009	9/1/08	GRV	15:44:24	18:14:51	NNO	global	partially performed	1409	L1a&b L02	PSA
7	5175		012	12/1/08	GRV	9:57:03	10:37:03	DSS-14	Olympus Mons	performed	1410	L1a&b L02	
8	5175/ 5176		012	12/1/08	GRV	12:09:04	15:15:37	NNO	global	successfully performed	1411	L1a&b L02	PSA
9	5179/ 5180		013	13/1/08	GRV	15:31:07	17:56:34	NNO	global	successfully performed	1412	L1a&b L02	PSA

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

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end of MTP47

start of MTP48

	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	5182/ 5183		014	14/1/08	GRV	12:02:30	15:09:02	NNO	global	successfully performed	1413	L1a&b L02	PSA
11	5189/ 5190		016	16/1/08	GRV	11:56:03	15:02:31	NNO	global	successfully performed	1414	L1a&b L02	PSA
12	5193/ 5194		017	17/1/08	GRV	13:05:48	13:45:48	NNO	Olympus Mons	successfully performed	1415	L1a&b L02	PSA
13	5193		017	17/1/08	GRV	15:17:48	17:37:22	NNO	global	successfully performed	1416	L1a&b L02	PSA
14	5207/ 5208		021	21/1/08	GRV	15:04:55	17:19:07	NNO	global	successfully performed	1417	L1a&b L02	PSA
15	5210/ 5211		022	22/1/08	GRV	11:36:19	14:42:43	NNO	global	successfully performed	1418	L1a&b L02	PSA
16	5214/ 5215		023	23/1/08	GRV	14:58:26	17:11:03	NNO	global	successfully performed	1419	L1a&b L02	PSA
17	5217/ 5218		024	24/1/08	GRV	11:29:49	14:36:18	NNO	global	successfully performed	1420	L1a&b L02	PSA
18	5219		025	25/1/08	BSR	0:06:02	03:06:03	DSS-63	-15.49 -37.64	performed	1421		

white: planned task
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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?
19	5251		033	2/2/08	BSR	23:36:36	02:36:36	DSS-63	65.01 18.58	performed	1422		
20	5272		039	8/2/08	BSR	23:07:00	01:30:36	DSS-63	125.45 10.02	performed	1423		
21	5273/ 5274		040	9/2/08	GRV	10:39:24	13:45:56	NNO	global	successfully performed	1424	L1a&b L02	
22	5277/ 5278		041	10/2/08	GRV	14:01:36	16:01:51	NNO	global	successfully performed	1425	L1a&b L02	PSA

end of MTP48

start of MTP49

	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	5287/ 5288		044	13/2/08	GRV	10:27:07	13:33:37	NNO	global	successfully performed	1426	L1a&b L02	PSA
24	5291/ 5292		045	14/2/08	GRV	13:49:17	15:42:49	NNO	global	successfully performed	1427	L1a&b L02	PSA
25	5294/ 5295		046	15/2/08	GRV	10:20:56	13:27:30	NNO	global	successfully performed	1428	L1a&b L02	PSA
26	5298/ 5299		047	16/2/08	GRV	13:43:13	15:36:42	NNO	global	successfully performed	1429	L1a&b L02	PSA

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27	5301/ 5302		048	17/2/08	GRV	10:55:44	13:21:21	NNO	global	successfully performed	1430	L1a&b L02	PSA
28	5305/ 5306		049	18/2/08	GRV	13:37:05	15:30:35	NNO	global	successfully performed	1431	L1a&b L02	PSA
29	5315/ 5316		052	21/2/08	GRV	10:02:38	13:09:12	NNO	global	successfully performed	1432	L1a&b L02	PSA
30	5319/ 5320		053	22/2/08	GRV	13:29:14	15:18:22	NNO	global	successfully performed	1433	L1a&b L02	PSA
31	5322		054	23/2/08	BSR	10:09:58	13:10:00	DSS-43	132.88 68.24 -26.18	performed	1434		
	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	5326/ 5327		055	24/2/08	GRV	13:18:40	15:12:17	NNO	global	successfully performed	1435	L1a&b L02	PSA
33	5329/ 5330		056	25/2/08	GRV	9:56:28	12:56:56	NNO	global	successfully performed	1436	L1a&b L02	PSA
34	5333		057	26/2/08	GRV	11:00:38	11:40:38	NNO	Alba Patera	successfully performed	1437	L1a&b L02	PSA
35	5343		060	29/2/08	BSR	9:29:58	12:29:58	DSS-43	132.88 68.24 -26.18	performed	1438		
36	5347		061	1/3/08	GRV	10:48:26	11:28:26	NNO	Tempe	successfully performed	1439	L1a&b L02	PSA

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37	5347/ 5348		061	1/3/08	GRV	13:00:26	14:58:54	NNO	global	successfully performed	1440	L1a&b L02	PSA
38	5350/ 5351		062	2/3/08	GRV	9:42:00	12:38:34	NNO	global	successfully performed	1441	L1a&b L02	PSA
39	5351		062	2/3/08	GRV	14:10:34	14:50:34	NNO	Alba Patera	successfully performed	1442	L1a&b L02	PSA
40	5354/ 5355		063	3/3/08	GRV	12:56:44	14:52:41	NNO	global	successfully performed	1443	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?**
41	5357/ 5358		064	4/3/08	GRV	9:25:51	12:32:28	NNO	global	partially performed	1444	L1a&b L02	PSA
42	5361/ 5362		065	5/3/08	GRV	12:48:03	14:46:32	NNO	global	successfully performed	1445	L1a&b L02	PSA
43	5371/ 5272		068	8/3/08	GRV	9:13:31	11:17:04	NNO	global	successfully performed	1446	L1a&b L02	PSA
44	5375/ 5376		069	9/3/08	GRV	12:35:41	14:34:17	NNO	global	successfully performed	1447	L1a&b L02	PSA
45	5378/ 5379		070	10/3/08	GRV	9:07:21	12:13:50	NNO	global	successfully performed	1448	L1a&b L02	PSA
end of MTP49													
start of MTP50													

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

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	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?
46	5382/ 5383		071	11/3/08	GRV	12:32:58	14:23:04	NNO	global	partially performed	1449	L1a&b L02	
47	5385/ 5386		072	12/3/08	GRV	9:14:27	12:04:36	NNO	global	successfully performed	1450	L1a&b L02	PSA
48	5389		073	13/3/08	BSR	8:44:35	11:29:36	MAD	132.88 68.24 -26.18	cancelled by MPS	1451		
49	5389/ 5390		073	13/3/08	GRV	12:26:45	14:16:48	NNO	global	successfully performed	1452	L1a&b L02	PSA
50	5392/ 5393		074	14/3/08	GRV	9:09:27	11:57:52	NNO	global	successfully performed	1453	L1a&b L02	PSA
51	5396/ 5397		075	15/3/08	GRV	12:31:46	14:10:31	NNO	global	successfully performed	1454	L1a&b L02	PSA
52	5399/ 5400		076	16/3/08	GRV	8:52:07	11:51:38	NNO	global	successfully performed	1455	L1a&b L02	PSA
53	5403		077	17/3/08	GRV	9:58:45	10:38:46	NNO	Pavonis	successfully performed	1456	L1a&b L02	PSA
54	5403/ 5404		077	17/3/08	GRV	12:14:16	14:04:15	NNO	global	partially performed	1457	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?

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

55	5406/ 5407		078	18/3/08	GRV	8:45:53	11:45:23	NNO	global	successfully performed	1458	L1a&b L02	PSA
56	5410		079	19/3/08	GRV	9:52:29	10:32:29	NNO	Pavonis	successfully performed	1459	L1a&b L02	PSA
57	5410/ 5411		079	19/3/08	GRV	12:08:00	13:42:52	NNO	global	successfully performed	1460	L1a&b L02	PSA
58	5413/ 5414		080	20/3/08	GRV	8:50:59	11:39:08	NNO	global	successfully performed	1461	L1a&b L02	PSA
59	5417/ 5418		081	21/3/08	GRV	12:13:09	13:51:43	NNO	global	successfully performed	1462	L1a&b L02	PSA
60	5423		083	23/3/08	BSR	1:20:23	04:05:24	DSS-14	132.88 68.24 -26.18	performed	1463		
61	5427/ 5428		084	24/3/08	GRV	8:26:59	11:26:32	NNO	global	partially performed	1464	L1a&b L02	PSA
62	5431/ 5432		085	25/3/08	GRV	11:49:11	13:39:11	NNO	global	partially performed	1465	L1a&b L02	PSA
63	5434/ 5435		086	26/3/08	GRV	8:20:39	11:20:14	NNO	global	successfully performed	1466	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?**
64	5438/ 5439		087	27/3/08	GRV	11:42:51	13:32:52	NNO	global	successfully performed	1467	L1a&b L02	PSA

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65	5441/ 5442		088	28/3/08	GRV	8:14:24	11:14:27	NNO	global	successfully performed	1468	L1a&b L02	PSA
66	5445/ 5446		089	29/3/08	GRV	11:36:30	13:26:33	NNO	global	successfully performed	1469	L1a&b L02	PSA
67	5448/ 5449		090	30/3/08	GRV	8:08:11	11:07:41	NNO	global	successfully performed	1470	L1a&b L02	PSA
68	5452/ 5453		091	31/3/08	GRV	11:30:10	13:20:14	NNO	global	performed	1471	L1a&b L02	PSA
69	5455/ 5456		092	1/4/08	GRV	8:01:53	10:56:38	NNO	global	partially performed	1472	L1a&b L02	PSA

end of MTP50

start of MTP51

end of MTP51

start of MTP52

	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?
70	5587		130	9/5/08	BSR	0:05:01	02:37:59	NNO		cancelled by MPS	1473		

end of MTP52

start of MTP53

	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?

white: planned task
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71	5740		173	21/6/08	OCC	10:54:45	11:16:45	NNO		successfully performed	1474	L1a&b	L02	PSA
72	5743		174	22/6/08	OCC	7:26:42	07:48:42	NNO		successfully performed	1475	L1a&b	L02	PSA
74	5747		175	23/6/08	OCC	10:49:29	11:11:29	NNO		successfully performed	1477	L1a&b	L02	
75	5750		176	24/6/08	OCC	7:21:53	07:43:53	NNO		successfully performed	1478	L1a&b	L02	PSA

white: planned task
grey: status of operation? to be checked
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green: task completed
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76	5757		178	26/6/08	OCC	7:17:27	07:39:28	NNO		successfully performed	1479	L1a&b L02	PSA
77	5761		179	27/6/08	OCC	10:40:41	11:02:41	NNO		successfully performed	1480	L1a&b L02	PSA
78	5764		180	28/6/08	OCC	7:13:06	07:35:06	NNO		successfully performed	1481	L1a&b L02	PSA
79	5768		181	29/6/08	OCC	10:36:19	10:58:19	NNO		successfully performed	1482	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?**
80	5771		182	30/6/08	OCC	7:08:45	07:30:45	NNO		successfully performed	1483	L1a&b L02	PSA

end of MTP53

start of MTP54

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?
81	5781		185	3/7/08	OCC	3:45:56	03:58:56	NNO		cancelled by MPS	1484		
82	5783		185	3/7/08	BSR	18:24:31	19:16:31	DSS-63		performed	1485		
83	5785		186	4/7/08	OCC	7:00:06	07:22:06	NNO		performed(-)	1486	L1a&b L02	PSA
84	5789		187	5/7/08	OCC	10:23:28	10:45:28	NNO		cancelled by MPS	1487		
85	5790		187	5/7/08	OCC	17:14:17	17:36:17	DSS-65		performed	1488	L1a&b L02	
86	5792		188	6/7/08	OCC	6:55:53	07:17:53	NNO		successfully performed	1489	L1a&b L02	PSA
87	5795		189	7/7/08	OCC	3:37:27	03:50:27	NNO		successfully performed	1490	L1a&b L02	PSA

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light red: task cancelled by ESOC PTR

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88	5809		193	11/7/08	OCC	3:28:57	03:41:57	NNO		successfully performed	1491	L1a&b L02	PSA
89	5814	1870	194	12/7/08	OCC	13:34:06	13:56:06	DSS-65		partially performed	1492	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?**
90	5815	1870	194	12/7/08	OCC	20:24:58	20:46:58	DSS-65		partially performed	1493	L1a&b	
91	5816		195	13/7/08	OCC	3:24:46	03:37:46	NNO		successfully performed	1494	L1a&b L02	PSA
92	5817		195	13/7/08	OCC	10:06:38	10:28:38	NNO		successfully performed	1495	L1a&b L02	PSA

white: planned task
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93	5818	1871	195	13/7/08	OCC	16:57:27	17:19:27	DSS-65		partially performed	1496	L1a&b	
94	5832	1875	199	17/7/08	PHO	17:50:52	20:17:10	DSS-65		performed	1497	L1a&b L02	
95	5843	1878	202	20/7/08	OCC	20:08:12	20:30:12	DSS-15		performed	1498	L1a&b L02	
96	5844		203	21/7/08	OCC	3:07:59	03:20:59	NNO		successfully performed	1499	L1a&b L02	PSA
97	5860	1883	207	25/7/08	OCC	16:32:18	16:54:18	DSS-65		performed	1500	L1a&b L02	
98	5864	1884	208	26/7/08	OCC	19:55:26	20:17:27	DSS-15		performed	1501	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?**
99	5865		209	27/7/08	OCC	2:55:21	03:08:21	NNO		successfully performed	1502	L1a&b L02	PSA
100	5866		209	27/7/08	OCC	9:37:10	09:59:10	NNO		successfully performed	1503	L1a&b L02	PSA
end of MTP54													
start of MTP55													

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?
101	5882		214	1/8/08	GRV	2:37:24	05:02:40	NNO	global	successfully performed	1504	L1a&b L02	PSA
102	5885	1890	214	1/8/08	OCC	19:42:55	20:04:55	DSS-15		performed	1505	L1a&b L02	
103	5885	1890	214	1/8/08	GRV	22:34:37	00:29:57	DSS-15	global	performed	1506	L1a&b L02	
104	5886		215	2/8/08	GRV	6:00:15	08:08:55	NNO	global	successfully performed	1507	L1a&b L02	PSA
105	5887		215	2/8/08	OCC	9:24:30	09:46:30	NNO		successfully performed	1508	L1a&b L02	PSA
106	5888	1891	215	2/8/08	OCC	16:15:17	16:37:17	DSS-65		performed	1509	L1a&b L02	
107	5889	1891	215	2/8/08	OCC	23:06:07	23:28:07	DSS-15		performed	1510	L1a&b L02	
108	5890		216	3/8/08	OCC	5:57:00	06:19:00	NNO		successfully performed	1511	L1a&b L02	PSA
109	5890		216	3/8/08	GRV	8:48:02	11:35:41	NNO	global	performed	1512	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?

white: planned task
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

110	5892	1892	216	3/8/08	OCC	19:38:39	20:00:39	DSS-15		performed	1513	L1a&b L02	
111	5893		217	4/8/08	GRV	6:00:03	08:05:47	NNO	global	performed	1514	L1a&b L02	PSA
112	5897		218	5/8/08	GRV	9:27:56	11:33:33	NNO	global	performed	1515	L1a&b L02	PSA
113	5899	1894	218	5/8/08	OCC	19:34:24	19:56:24	DSS-15		performed(-)	1516	L1a&b	
114	5903		220	7/8/08	GRV	2:37:06	04:32:44	NNO	global	performed	1517	L1a&b L02	PSA
115	5904		220	7/8/08	OCC	5:48:35	06:10:35	NNO		performed	1518	L1a&b L02	PSA
116	5907		221	8/8/08	OCC	2:21:01	02:43:01	NNO		performed	1519	L1a&b L02	PSA
117	5908		221	8/8/08	OCC	9:11:55	09:33:55	NNO		performed	1520	L1a&b L02	PSA
118	5909	1897	221	8/8/08	GRV	18:51:12	21:37:57	DSS-15	global	performed	1521	L1a&b L02	
	orbit number	**DSN tracking number**	**day of year**	**date**	**MaRS activity**	**start time (UT) planned/ actual**	**stop time (UT) planned/ actual**	**ground station**	**target; coordinates**	**performed? cancelled?**	**Volume-ID**	**processed?**	**archived?**
119	5910	1897	221	8/8/08	OCC	22:53:36	23:15:36	DSS-15		performed	1522	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

120	5911		222	9/8/08	OCC	5:44:21	06:06:21	NNO		performed	1523	L1a&b L02	PSA
121	5911		222	9/8/08	GRV	8:32:35	11:28:19	NNO	global	performed	1524	L1a&b L02	PSA
122	5913	1898	222	9/8/08	OCC	19:26:05	19:48:05	DSS-15		performed	1525	L1a&b L02	
123	5913	1898	222	9/8/08	GRV	22:14:01	00:44:46	DSS-15	global	performed	1526	L1a&b L02	
124	5914		223	10/8/08	GRV	5:04:47	07:52:28	NNO	global	performed	1527	L1a&b L02	PSA
125	5915		223	10/8/08	OCC	9:07:48	09:29:48	NNO		performed	1528	L1a&b L02	PSA
126	5917		224	11/8/08	GRV	2:26:47	04:24:24	NNO	global	performed	1529	L1a&b L02	PSA
127	5918		224	11/8/08	OCC	5:40:08	06:02:08	NNO		performed	1530	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?**
128	5920	1900	224	11/8/08	OCC	19:21:54	19:43:54	DSS-15		partially performed	1531	L1a&b	
129	5925		226	13/8/08	OCC	5:36:02	05:58:02	NNO		performed	1532	L1a&b L02	PSA

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130	5925		226	13/8/08	GRV	8:22:22	11:23:09	NNO	global	performed	1533	L1a&b L02	PSA
131	5935		229	16/8/08	GRV	4:49:29	07:40:06	NNO	global	performed	1534	L1a&b L02	PSA
132	5936		229	16/8/08	OCC	8:55:13	09:17:13	NNO		performed	1535	L1a&b L02	PSA
133	5937	1905	229	16/8/08	GRV	18:30:55	21:31:37	DSS-15	global	performed	1536	L1a&b L02	
134	5939		230	17/8/08	OCC	5:27:57	05:49:57	NNO		performed	1537	L1a&b L02	PSA
135	5939		230	17/8/08	GRV	8:12:25	11:13:06	NNO	global	performed	1538	L1a&b L02	PSA
136	5941	1906	230	17/8/08	OCC	19:09:32	19:31:32	DSS-15		performed	1539	L1a&b L02	
	orbit number	**DSN tracking number**	**day of year**	**date**	**MaRS activity**	**start time (UT) planned/ actual**	**stop time (UT) planned/ actual**	**ground station**	**target; coordinates**	**performed? cancelled?**	**Volume-ID**	**processed?**	**archived?**
137	5942		231	18/8/08	GRV	5:24:27	07:35:07	NNO	global	performed	1540	L1a&b L02	PSA
138	5945	1907	231	18/8/08	BSR	22:23:45	00:42:57	DSS-14		performed	1541		
139	5946		232	19/8/08	GRV	8:07:23	10:44:01	NNO	global	performed	1542	L1a&b L02	PSA

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Mars Express Radio Science Experiment - Science Operations Logbook

140	5949		233	20/8/08	GRV	4:39:30	07:21:15	NNO	global	performed	1543	L1a&b L02	PSA
141	5963		237	24/8/08	GRV	4:29:31	07:23:17	NNO	global	performed	1544	L1a&b L02	PSA
142	5965	1913	237	24/8/08	GRV	18:10:56	21:11:40	DSS-15	global	performed	1545	L1a&b L02	
143	5966		238	25/8/08	GRV	2:00:29	03:49:23	NNO	global	performed	1546	L1a&b L02	PSA

end of MTP55

start of MTP56

	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?
144	5973		240	27/8/08	GRV	1:52:53	03:56:54	NNO	global	performed	1547	L1a&b L02	PSA
145	5975	1916	240	27/8/08	GRV	15:57:01	17:33:54	DSS-63	global	performed	1548	L1a&b L02	
146	5976	1916	240	27/8/08	OCC	18:49:17	19:11:17	DSS-63		performed	1549	L1a&b L02	
147	5977		241	28/8/08	OCC	1:50:05	02:02:05	NNO		cancelled by MPS	1550		
148	5978	1917	241	28/8/08	GRV	11:10:45	14:05:56	DSS-65	global	performed	1551	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

149	5979	1917	241	28/8/08	OCC	15:21:43	15:43:43	DSS-65		performed	1552	L1a&b L02	
150	5980		242	29/8/08	GRV	1:47:56	03:47:27	NNO	global	performed	1553	L1a&b L02	PSA
151	5981		242	29/8/08	OCC	5:03:29	05:25:29	NNO		performed	1554	L1a&b L02	PSA
152	5986	1919	243	30/8/08	GRV	18:19:32	20:56:17	DSS-15	global	performed	1555	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?**
153	5987		244	31/8/08	GRV	2:10:18	03:46:57	NNO	global	performed	1556	L1a&b L02	PSA
154	5993	1921	245	1/9/08	GRV	17:51:36	20:51:18	DSS-15	global	partially performed	1557	L1a&b	
155	5994		246	2/9/08	GRV	1:40:18	03:37:27	NNO	global	performed	1558	L1a&b L02	PSA
156	5995		246	2/9/08	OCC	4:55:20	05:17:20	NNO		performed	1559	L1a&b L02	PSA
157	6000	1923	247	3/9/08	GRV	17:46:34	20:46:13	DSS-15	global	performed	1560	L1a&b L02	
158	6007	1925	249	5/9/08	GRV	18:04:27	20:41:03	DSS-15	global	performed	1561	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

159	6010	1926	250	6/9/08	GRV	14:13:33	15:59:50	DSS-65	global	performed	1562	L1a&b L02	
160	6014	1927	251	7/9/08	GRV	17:59:19	20:35:57	DSS-15	global	performed	1563	L1a&b L02	
161	6016		252	8/9/08	OCC	4:42:57	05:04:57	NNO		performed	1564	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?
162	6018	1928	252	8/9/08	OCC	18:24:39	18:46:39	DSS-15		performed	1565	L1a&b L02	
163	6021	1929	253	9/9/08	GRV	17:54:11	20:30:53	DSS-15	global	performed	1566	L1a&b L02	
164	6025	1930	254	10/9/08	OCC	18:20:24	18:42:24	DSS-15		performed	1567	L1a&b L02	
165	6029		256	12/9/08	GRV	1:23:00	03:16:28	NNO	global	performed	1568	L1a&b L02	PSA
166	6032	1932	256	12/9/08	OCC	18:16:07	18:38:07	DSS-15		performed	1569	L1a&b L02	
167	6035	1933	257	13/9/08	GRV	17:43:49	20:20:33	DSS-15	global	successfully performed	1570	L1a&b L02	
168	6036	1933	257	13/9/08	OCC	21:39:31	22:01:31	DSS-15		performed	1571	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

169	6036		258	14/9/08	GRV	1:19:03	03:11:10	NNO	global	performed	1572	L1a&b L02	PSA
170	6039	1934	258	14/9/08	OCC	18:11:53	18:33:53	DSS-15		performed(-)	1573	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?
171	6039	1934	258	14/9/08	GRV	20:43:29	23:38:40	DSS-15	global	performed	1574	L1a&b L02	
172	6043	1935	259	15/9/08	OCC	21:35:13	21:57:13	DSS-15		performed	1575	L1a&b L02	
173	6043		260	16/9/08	GRV	1:14:03	03:05:52	NNO	global	performed	1576	L1a&b L02	PSA
174	6046	1936	260	16/9/08	GRV	21:22:46	23:38:01	DSS-15	global	performed	1577	L1a&b L02	
175	6049	1937	261	17/9/08	GRV	17:23:04	20:09:55	DSS-15	global	performed	1578	L1a&b L02	
176	6050		261	17/9/08	OCC	21:30:55	21:52:55	NNO		cancelled by MPS	1579		
177	6050		262	18/9/08	GRV	1:06:07	03:00:30	NNO	global	performed	1580	L1a&b L02	PSA
178	6056	1939	263	19/9/08	GRV	17:27:57	20:04:36	DSS-15	global	performed	1581	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

179	6057	1939	263	19/9/08	OCC	21:26:42	21:48:42	DSS-15		performed	1582	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?**
180	6063	1941	265	21/9/08	GRV	17:16:10	19:59:20	DSS-15	global	partially performed	1583	L1a&b	
end of MTP56													
start of MTP57													
	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?**
181	6067	1942	266	22/9/08	GRV	20:43:58	23:39:05	DSS-15	global	performed	1584	L1a&b L02	
182	6068		267	23/9/08	GRV	2:59:56	05:55:01	GST	global	partially performed	1585	L1a&b	
183	6071	1943	267	23/9/08	OCC	21:18:30	21:40:30	DSS-15		partially performed	1586	L1a&b	
184	6075		269	25/9/08	GRV	3:29:13	05:53:18	NNO	global	performed	1587	L1a&b L02	PSA
185	6082		271	27/9/08	GRV	3:23:29	05:50:14	NNO	global	performed	1588	L1a&b L02	PSA
186	6088	1948	272	28/9/08	GRV	20:27:22	23:22:32	DSS-15	global	partially performed	1589	L1a&b	

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Mars Express Radio Science Experiment - Science Operations Logbook

187	6095	1950	274	30/9/08	GRV	20:22:06	22:30:05	DSS-15	global	performed	1590	L1a&b L02	
188	6097	1951	275	1/10/08	GRV	9:53:15	12:48:21	DSS-63	global	performed(-)	1591	L1a&b L02	
189	6101	1952	276	2/10/08	GRV	14:08:11	16:33:21	DSS-65	global	performed(-)	1592	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?**
190	6103		277	3/10/08	GRV	2:22:48	05:17:56	NNO	global	performed	1593	L1a&b L02	PSA
191	6109	1954	278	4/10/08	GRV	20:11:25	23:06:32	DSS-15	global	partially performed	1594	L1a&b	
192	6110		279	5/10/08	GRV	3:02:03	05:35:07	GST	global	partially performed	1595	L1a&b	
193	6114		280	6/10/08	GRV	6:24:20	09:19:34	NNO	global	performed	1596	L1a&b L02	PSA
194	6144		288	14/10/08	GRV	19:44:45	22:39:55	DSS-15	global	successfully performed	1597	L1a&b L02	
195	6158		292	18/10/08	GRV	19:33:59	22:29:05	DSS-15	global	successfully performed	1598	L1a&b L02	
196	6159		293	19/10/08	GRV	2:05:03	05:00:19	NNO	global	successfully performed	1599	L1a&b L02	PSA

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Mars Express Radio Science Experiment - Science Operations Logbook

197	6161		293	19/10/08	GRV	17:08:11	19:11:50	DSS-15	global	successfully performed	1600	L1a&b L02	
198	6163		294	20/10/08	GRV	5:28:00	08:23:09	NNO	global	successfully performed	1601	L1a&b L02	PSA

end of MTP57

start of MTP58

	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?
199	6173		297	23/10/08	GRV	2:25:37	04:54:52	NNO	global	successfully performed	1602	L1a&b L02	PSA
200	6179		298	24/10/08	GRV	19:29:52	21:59:10	GST	global	failed	1603		
201	6180		299	25/10/08	GRV	2:38:10	04:49:51	NNO	global	successfully performed	1604	L1a&b L02	PSA
202	6184		300	26/10/08	GRV	2:57:21	03:37:21	NNO	global	successfully performed	1605	L1a&b L02	PSA
203	6184		300	26/10/08	GRV	5:12:51	08:12:39	NNO	global	successfully performed	1606	L1a&b L02	PSA
204	6186		300	26/10/08	GRV	19:30:52	21:54:09	DSS-15	global	partially performed	1607	L1a&b	
205	6187		301	27/10/08	GRV	2:15:39	04:44:48	NNO	global	successfully performed	1608	L1a&b L02	PSA

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Mars Express Radio Science Experiment - Science Operations Logbook

206	6193		302	28/10/08	GRV	18:49:25	21:49:09	GST	global	failed	1609		
207	6194		303	29/10/08	GRV	2:10:39	04:39:46	NNO	global	performed	1610	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?**
208	6198		304	30/10/08	GRV	2:47:33	03:27:33	NNO	global	successfully performed	1611	L1a&b L02	PSA
209	6198		304	30/10/08	GRV	5:03:03	06:11:00	NNO	global	successfully performed	1612	L1a&b L02	PSA
210	6205		306	1/11/08	SCO	2:42:31	03:22:31	NNO		performed	1613	L1a&b L02	
211	6205		306	1/11/08	SCO	4:58:01	06:55:52	NNO		performed	1614	L1a&b L02	
212	6207		306	1/11/08	SCO	19:03:52	21:39:04	GST		partially performed	1615	L1a&b	
213	6209		307	2/11/08	SCO	6:05:18	06:45:18	NNO		performed	1616	L1a&b L02	
214	6209		307	2/11/08	SCO	8:20:48	10:17:51	NNO		cancelled by MPS	1617		
215	6212		308	3/11/08	SCO	2:37:28	03:17:28	NNO		performed	1618	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

216	6213		308	3/11/08	SCO	12:13:17	14:43:21	MAD		failed	1619		
	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?**
217	6220		310	5/11/08	SCO	11:38:27	14:38:14	MAD		cancelled by MPS	1620		
218	6221		310	5/11/08	SCO	18:39:44	21:28:57	GST		partially performed	1621	L1a&b	
219	6222		311	6/11/08	SCO	1:19:57	02:26:00	NNO		successfully performed	1622	L1a&b L02	
220	6226		312	7/11/08	SCO	5:05:08	06:28:00	NNO		successfully performed	1623	L1a&b L02	
221	6230		313	8/11/08	SCO	5:50:06	06:30:06	NNO		successfully performed	1624	L1a&b L02	
222	6230		313	8/11/08	SCO	8:05:36	10:13:43	NNO		performed	1625	L1a&b L02	
223	6233		314	9/11/08	SCO	5:06:40	07:13:56	NNO		successfully performed	1626	L1a&b L02	
224	6234		314	9/11/08	SCO	11:28:26	14:28:06	MAD		cancelled by MPS	1627		
225	6235		314	9/11/08	SCO	18:48:06	21:18:44	GST		partially performed	1628	L1a&b	

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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?
226	6236		314	9/11/08	SCO	22:54:14	23:34:14	GST		failed	1629		
227	6246		317	12/11/08	SCO	21:44:10	23:44:50	NNO		cancelled by MPS	1630		
228	6250		319	14/11/08	SCO	1:09:23	02:52:33	NNO		performed	1631	L1a&b L02	
229	6254		320	15/11/08	SCO	2:06:36	02:46:36	NNO		successfully performed	1632	L1a&b L02	
230	6254		320	15/11/08	SCO	4:22:06	07:21:45	NNO		performed	1633	L1a&b L02	
231	6255		320	15/11/08	SCO	11:57:45	14:12:21	MAD		failed	1634		
232	6257		321	16/11/08	SCO	1:22:37	03:53:48	NNO		successfully performed	1635	L1a&b L02	
233	6258		321	16/11/08	SCO	8:12:48	10:08:04	NNO		performed	1636	L1a&b L02	
234	6259		321	16/11/08	SCO	12:20:04	13:00:04	MAD		failed	1637		
end of MTP58													
start of MTP59													

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?
235	6264		322	17/11/08	SCO	23:23:59	00:38:59	NNO		successfully performed	1638	L1a&b L02	
236	6271		324	19/11/08	SCO	23:15:06	00:40:06	NNO		successfully performed	1639	L1a&b L02	
237	6272		325	20/11/08	SCO	9:50:44	13:30:44	DSS-65		successfully performed	1640	L1a&b L02	
238	6275		325	20/11/08	SCO	23:23:29	01:33:29	NNO		successfully performed	1641	L1a&b L02	
239	6276		326	21/11/08	SCO	9:49:22	15:35:19	MAD		successfully performed	1642	L1a&b L02	
240	6278		326	21/11/08	SCO	23:21:07	01:36:07	NNO		partially performed	1643	L1a&b L02	
241	6280		327	22/11/08	SCO	9:57:47	14:42:47	MAD		successfully performed	1644	L1a&b L02	
242	6282		327	22/11/08	SCO	23:29:34	01:39:34	NNO		partially performed	1645	L1a&b L02	
243	6283		328	23/11/08	SCO	9:45:26	15:31:21	MAD		successfully performed	1646	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

244	6285		328	23/11/08	SCO	23:17:09	01:02:08	NNO		partially performed	1647	L1a&b L02	
245	6287		329	24/11/08	SCO	12:53:53	15:30:42	DSS-63		successfully performed	1648	L1a&b L02	
246	6289		330	25/11/08	SCO	0:40:41	01:40:41	NNO		performed	1649	L1a&b L02	
247	6291		330	25/11/08	SCO	14:20:21	15:27:21	DSS-63		performed(-)	1650	L1a&b L02	
248	6292		330	25/11/08	SCO	23:14:08	00:43:08	NNO		performed	1651	L1a&b L02	
249	6294		331	26/11/08	SCO	12:20:41	15:20:41	DSS-65		performed(-)	1652	L1a&b L02	
250	6295		331	26/11/08	SCO	16:55:41	19:30:41	DSS-15		successfully performed	1653	L1a&b L02	
251	6296		332	27/11/08	SCO	0:34:43	01:41:43	NNO		performed	1654	L1a&b L02	
252	6298		332	27/11/08	SCO	15:30:41	21:35:40	DSS-15		partially performed	1655	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?**
253	6299		332	27/11/08	SCO	23:10:12	00:39:12	NNO		performed	1656	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

254	6301		333	28/11/08	SCO	13:11:01	15:26:01	NNO		unknown	1657		
255	6302		333	28/11/08	SCO	16:53:57	20:41:57	DSS-14		performed(-)	1658	L1a&b L02	
256	6303		334	29/11/08	SCO	0:42:46	01:42:46	NNO		partially performed	1659	L1a&b L02	
257	6304		334	29/11/08	SCO	11:33:38	14:14:30	DSS-63		performed(-)	1660	L1a&b L02	
258	6305		334	29/11/08	SCO	16:59:30	17:59:30	DSS-15		performed(-)	1661	L1a&b L02	
259	6306		335	30/11/08	SCO	0:40:39	01:40:39	NNO		partially performed	1662	L1a&b L02	
260	6308		335	30/11/08	SCO	11:30:39	14:40:39	DSS-65		performed(-)	1663	L1a&b L02	
261	6310		335	30/11/08	SCO	23:13:49	04:08:48	NNO		performed	1664	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?**
262	6311		336	1/12/08	SCO	11:39:44	15:20:36	DSS-63		performed(-)	1665	L1a&b L02	
263	6313		336	1/12/08	SCO	23:06:34	01:57:24	NNO		partially performed	1666	L1a&b	

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Mars Express Radio Science Experiment - Science Operations Logbook

264	6317		337	2/12/08	SCO	22:59:54	00:24:54	NNO		performed	1667	L1a&b L02	
265	6318		338	3/12/08	SCO	11:40:37	14:50:37	DSS-65		partially performed	1668	L1a&b	
266	6320		338	3/12/08	SCO	23:05:41	00:42:41	NNO		performed	1669	L1a&b L02	
267	6322		339	4/12/08	SCO	11:30:36	15:10:36	DSS-65		performed(-)	1670	L1a&b L02	
268	6324		339	4/12/08	SCO	23:16:11	07:27:06	NNO		partially performed	1671	L1a&b L02	
269	6326		340	5/12/08	SCO	17:00:35	19:05:35	DSS-15		partially performed	1672	L1a&b	
270	6327		340	5/12/08	SCO	23:03:49	09:40:34	NNO		partially performed	1673	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?**
271	6329		341	6/12/08	SCO	11:30:35	14:40:35	DSS-65		partially performed	1674	L1a&b	
272	6331		342	7/12/08	SCO	0:02:23	07:23:15	NNO		partially performed	1675	L1a&b L02	
273	6332		342	7/12/08	SCO	11:38:15	14:14:05	DSS-63		partially performed	1676	L1a&b	

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Mars Express Radio Science Experiment - Science Operations Logbook

274	6334		342	7/12/08	SCO	22:59:56	07:20:45	NNO		partially performed	1677	L1a&b L02	
275	6337		343	8/12/08	SCO	16:50:33	18:50:33	DSS-15		partially performed	1678	L1a&b L02	
276	6338		343	8/12/08	SCO	23:03:34	07:19:24	NNO		performed	1679	L1a&b L02	
277	6341		344	9/12/08	SCO	22:59:08	01:50:04	NNO		performed	1680	L1a&b L02	
278	6343		345	10/12/08	SCO	12:05:32	14:45:32	DSS-65		partially performed	1681	L1a&b L02	
279	6345		345	10/12/08	SCO	22:59:44	03:49:44	NNO		performed	1682	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?**
280	6347		346	11/12/08	SCO	12:50:31	15:05:31	DSS-65		partially performed	1683	L1a&b L02	
281	6348		346	11/12/08	SCO	22:57:22	09:29:11	NNO		performed	1684	L1a&b L02	
282	6350		347	12/12/08	SCO	9:40:00	15:40:00	DSS-63		failed	1685		
283	6352		347	12/12/08	SCO	23:00:52	07:11:41	NNO		performed	1686	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

284	6354		348	13/12/08	SCO	16:50:29	22:50:29	DSS-15		performed(-)	1687	L1a&b L02	
285	6356		349	14/12/08	SCO	3:14:30	09:35:21	NNO		partially performed	1688	L1a&b L02	
286	6357		349	14/12/08	SCO	11:35:20	14:55:20	DSS-63		successfully performed	1689	L1a&b L02	
287	6359		349	14/12/08	SCO	22:57:04	07:07:59	NNO		performed	1690	L1a&b L02	
288	6361		350	15/12/08	SCO	13:05:28	15:05:27	DSS-65		performed(-)	1691	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?**
289	6362		350	15/12/08	SCO	22:49:46	09:31:30	NNO		cancelled by MPS	1693		
290	6366		352	17/12/08	SCO	0:18:17	07:04:14	NNO		successfully performed	1694	L1a&b L02	
291	6368		352	17/12/08	SCO	13:00:26	15:05:26	DSS-65		performed(-)	1696	L1a&b L02	
292	6369		352	17/12/08	SCO	22:45:56	01:36:47	NNO		successfully performed	1697	L1a&b L02	
293	6371		353	18/12/08	SCO	12:00:25	14:55:25	DSS-65		performed(-)	1698	L1a&b L02	

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Mars Express Radio Science Experiment - Science Operations Logbook

294	6373		353	18/12/08	SCO	22:49:26	07:00:23	NNO		successfully performed	1699	L1a&b L02	
295	6376		354	19/12/08	SCO	19:35:24	21:20:24	DSS-15		successfully performed	1700	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?**
296	6376		354	19/12/08	SCO	23:32:06	09:23:50	NNO		successfully performed	1701	L1a&b L02	

end of MTP59

start of MTP60

	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?
297	6380		356	21/12/08	SCO	3:46:37	06:46:32	NNO		performed	1702	L1a&b L02	
298	6382		356	21/12/08	SCO	11:38:32	14:01:21	DSS-65		performed(-)	1703	L1a&b L02	
299	6383		356	21/12/08	SCO	19:44:16	20:56:16	GST		failed	1704		
300	6384		357	22/12/08	SCO	7:47:07	09:34:03	NNO		performed	1705	L1a&b L02	
301	6385		357	22/12/08	SCO	11:10:03	14:55:32	DSS-65		partially performed	1706	L1a&b	

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302	6390		358	23/12/08	SCO	23:46:21	03:32:14	NNO		performed	1707	L1a&b L02	
303	6392		359	24/12/08	SCO	13:28:11	14:59:01	MAD		partially performed	1708	L1a&b	
304	6394		359	24/12/08	SCO	22:44:53	00:15:53	NNO		performed	1709	L1a&b L02	
305	6394		360	25/12/08	SCO	3:26:53	06:59:42	NNO		partially performed	1710	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?**
306	6396		360	25/12/08	SCO	11:33:42	13:58:34	MAD		failed	1711		
307	6397		360	25/12/08	SCO	23:43:31	03:36:23	NNO		performed	1712	L1a&b L02	
308	6398		361	26/12/08	SCO	6:34:22	09:32:17	NNO		performed	1713	L1a&b L02	
309	6401		361	26/12/08	SCO	22:43:00	00:09:00	NNO		performed	1714	L1a&b L02	
310	6401		362	27/12/08	SCO	4:09:00	06:56:50	NNO		performed	1715	L1a&b L02	
311	6403		362	27/12/08	SCO	11:33:50	14:54:46	DSS-65		successfully performed	1716	L1a&b L02	

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312	6404		362	27/12/08	SCO	23:55:39	03:36:28	NNO		performed	1717	L1a&b L02	
313	6405		363	28/12/08	SCO	7:39:28	09:30:20	NNO		performed	1718	L1a&b L02	
314	6406		363	28/12/08	SCO	10:58:20	14:54:08	DSS-65		successfully performed	1719	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?**
315	6408		363	28/12/08	SCO	22:41:05	00:09:05	NNO		performed	1720	L1a&b L02	
316	6410		364	29/12/08	SCO	11:34:53	13:45:53	MAD		failed	1721		
317	6410		364	29/12/08	SCO	17:04:53	20:41:43	DSS-15		successfully performed	1722	L1a&b L02	
318	6411		364	29/12/08	SCO	23:51:43	01:13:34	NNO		performed	1723	L1a&b L02	
319	6414		365	30/12/08	SCO	19:52:15	22:44:11	GST		partially performed	1724	L1a&b	
320	6417		366	31/12/08	SCO	11:26:02	13:19:58	DSS-63		successfully performed	1725	L1a&b L02	
321	6417		366	31/12/08	SCO	17:04:58	20:37:47	GST		failed	1726		

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MTP60(prequel to MaRS-ops_logbook 09)													

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Mars Express Radio Science Experiment - Science Operations Logbook

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				keywords				
				MaRS activity	**ground station**	**performed? cancelled?**	**processed?**	**archived?**
				BSR	CAN	unknown		
				GRV	NNO	successfully perf	L1a&b	internal
				OCE	MAD	performed	L1a&b L02	PSA
				OCI	GST	performed(-)		
				PHO	DSS-14	partially performed		
				SCO	DSS-15	cancelled by DSN		

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				TWOD-X	DSS-25	cancelled by MPS		
					DSS-43	failed		
					DSS-63			
					DSS-65			
					GST (MAD)			
					MAD (GST)			
		zweites MTP						
	0	unknown						
	0	performed						
	0	failed	0	internal				
	0	cancelled by	0	PSA				

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