

Mars Express Radio Science Experiment - Science Operation Logbook

Mars Express Radio Science Experiment - Science Operation 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?	
Start MTP 250													
1		199	18/7/23	OCC	19:11:18	19:33:18	CEB		successfully performed	4303	L1a&b L02		
2		201	20/7/23	OCC	20:05:34	20:27:34	CEB		successfully performed	4304	L1a&b L02		
3		202	21/7/23	OCC	17:03:07	17:25:07	CEB		successfully performed	4305	L1a&b L02		
4		204	23/7/23	OCC	10:58:12	11:20:12	NNO		successfully performed	4306	L1a&b L02		
5		204	23/7/23	OCC	17:57:25	18:19:25	CEB		successfully performed	4307	L1a&b L02		
6		207	26/7/23	OCC	22:48:34	23:10:34	DSS-14		failed	4308			
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?	
7		209	28/7/23	OCC	16:43:42	17:05:50	MLG		successfully performed	4309	L1a&b L02		
8		210	29/7/23	OCC	6:42:02	07:04:10	NNO		successfully performed	4310	L1a&b L02		
9		211	30/7/23	OCC	3:39:37	04:01:45	NNO		successfully performed	4311	L1a&b L02		
10		212	31/7/23	OCC	14:34:53	14:57:36	GHY		successfully performed	4312	L1a&b L02		
11		214	2/8/23	OCC	8:30:39	08:52:47	NNO		successfully performed	4313	L1a&b L02		
12		216	4/8/23	OCC	9:33:42	09:47:06	NNO		successfully performed	4314	L1a&b L02		
End MTP 250													
Start MTP 251													
13		216	4/8/23	OCC	23:23:30	23:45:30	DSS-14		performed	4315	L1a&b		
14		217	5/8/23	OCC	6:22:37	06:44:44	NNO		successfully performed	4316	L1a&b L02		
15		218	6/8/23	OCC	17:18:32	17:40:39	MLG		successfully performed	4317	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?	
16		219	7/8/23	OCC	7:17:00	07:39:08	NNO		successfully performed	4318	L1a&b L02		
17		224	12/8/23	OCC	6:03:22	06:25:30	NNO		successfully performed	4319	L1a&b L02		
18		224	12/8/23	OCC	13:02:39	13:24:39	DSS-63		performed	4320	L1a&b		
19		225	13/8/23	OCC	3:01:05	03:23:05	NNO		partially performed	4321	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 Operation Logbook

20			226	14/8/23	OCC	6:57:40	07:19:48	NNO		partially performed	4322	L1a&b	L02
21			227	15/8/23	OCC	17:53:44	18:15:44	DSS-63		performed	4323	L1a&b	
22			229	17/8/23	OCC	4:49:32	05:11:40	NNO		successfully performed	4324	L1a&b	L02
23			230	18/8/23	OCC	8:46:14	09:08:22	NNO		successfully performed	4325	L1a&b	L02
24			231	19/8/23	OCC	5:43:48	06:05:56	NNO		successfully performed	4326	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?
25			232	20/8/23	OCC	2:41:10	03:03:18	NNO		successfully performed	4327	L1a&b	L02
26			233	21/8/23	OCC	13:37:05	13:59:12	CEB		successfully performed	4328	L1a&b	L02
27			239	27/8/23	OCC	9:20:21	09:42:29	NNO		successfully performed	4329	L1a&b	L02
28			239	27/8/23	OCC	16:19:34	16:41:34	DSS-63		performed	4330	L1a&b	
29			240	28/8/23	OCC	6:17:43	06:39:51	NNO		successfully performed	4331	L1a&b	L02
30			242	30/8/23	OCC	7:11:55	07:34:03	NNO		successfully performed	4332	L1a&b	L02
End MTP 251													
Start MTP 252													
31			245	2/9/23	OCC	5:03:45	05:25:53	NNO		successfully performed	4333	L1a&b	L02
32			246	3/9/23	OCC	2:01:11	02:23:19	NNO		successfully performed	4334	L1a&b	L02
33			251	8/9/23	OCC	7:46:34	08:08:41	NNO		successfully performed	4335	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?
34			252	9/9/23	OCC	4:44:03	05:06:11	NNO		successfully performed	4336	L1a&b	L02
35			253	10/9/23	OCC	1:41:41	02:03:41	DSS-43		performed	4337	L1a&b	
36			253	10/9/23	OCC	8:40:46	09:02:53	NNO		successfully performed	4338	L1a&b	L02
37			255	12/9/23	OCC	16:33:59	16:55:59	DSS-65		performed	4339	L1a&b	
38			258	15/9/23	OCC	14:25:41	14:47:41	DSS-65		performed	4340	L1a&b	
39			260	17/9/23	OCC	1:21:19	01:43:27	NNO		successfully performed	4341	L1a&b	L02
40			262	19/9/23	OCC	2:15:31	02:37:40	NNO		successfully performed	4342	L1a&b	L02
41			269	26/9/23	OCC	1:55:46	02:17:54	NNO		successfully performed	4343	L1a&b	L02
End MTP 252													
Start MTP 253													

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 Operation Logbook

42			274	1/10/23	OCC	14:40:26	15:02:26	DSS-65		performed	4344	L1a&b	
43			281	8/10/23	OCC	7:21:08	07:43:08	NNO		unknown	4345	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?
44			281	8/10/23	OCC	14:20:27	14:42:27	DSS-65		performed(-)	4346	L1a&b	
45			282	9/10/23	OCC	04:18:55	04:40:55	DSS-43		unknown	4347		
46			290	17/10/23	SCO	3:35:23	6:08:26	NNO		successfully performed	4348	L1a&b L02	
47			294	21/10/23	SCO	5:05:44	9:25:29	NNO		successfully performed	4349	L1a&b L02	
48			295	22/10/23	SCO	1:08:48	2:27:41	NNO		successfully performed	4350	L1a&b L02	
49			296	23/10/23	SCO	5:07:48	10:03:05	NNO		performed	4351	L1a&b L02	
50			298	25/10/23	SCO	5:36:16	9:44:25	NNO		performed	4352	L1a&b L02	
51			301	28/10/23	SCO	4:40:17	9:09:12	NNO		performed	4353	L1a&b L02	
End MTP 253													
Start MTP 254													
52			302	29/10/23	SCO	0:25:03	2:05:31	NNO		performed	4354	L1a&b L02	
53			302	29/10/23	SCO	8:13:03	9:58:40	NNO		failed	4355	L1a&b	
54			303	30/10/23	SCO	5:54:02	9:47:44	NNO		performed	4356	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?
55			304	31/10/23	SCO	8:27:54	9:57:26	NNO		performed	4357	L1a&b L02	
56			305	1/11/23	SCO	5:50:39	9:56:48	NNO		performed	4358	L1a&b L02	
57			306	2/11/23	SCO	23:14:59	1:15:21	NNO		performed	4359	L1a&b L02	
58			307	3/11/23	SCO	7:34:44	10:08:53	NNO		performed	4360	L1a&b L02	
59			308	4/11/23	SCO	4:39:59	8:53:19	NNO		performed	4361	L1a&b L02	
60			309	5/11/23	SCO	0:13:32	1:48:18	NNO		performed	4362	L1a&b L02	
61			309	5/11/23	SCO	8:00:43	10:07:33	NNO		performed	4363	L1a&b L02	
62			310	6/11/23	SCO	5:32:47	9:05:47	NNO		performed	4364	L1a&b L02	
63			312	8/11/23	SCO	4:47:20	9:46:17	NNO		performed	4365	L1a&b L02	
64			314	10/11/23	SCO	8:07:15	9:48:57	NNO		performed	4366	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?

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 Operation Logbook

65			315	11/11/23	SCO	2:38:16	8:18:57	NNO		successfully performed	4367	L1a&b	L02
End MTP 254													
Start MTP 255													
66			330	26/11/23	SCO	0:14:57	4:42:48	NNO		successfully performed	4368	L1a&b	L02
67			330	26/11/23	SCO	7:14:01	9:43:16	NNO		successfully performed	4369	L1a&b	L02
68			331	27/11/23	SCO	3:02:59	4:48:48	NNO		successfully performed	4370	L1a&b	L02
69			332	28/11/23	SCO	0:05:05	5:25:25	NNO		successfully performed	4371	L1a&b	L02
70			333	29/11/23	SCO	5:03:56	9:21:52	NNO		successfully performed	4372	L1a&b	L02
71			334	30/11/23	SCO	1:20:12	5:48:53	NNO		successfully performed	4373	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?
72			334	30/11/23	SCO	22:32:31	3:27:25	NNO		performed	4374	L1a&b	L02
73			335	1/12/23	SCO	5:58:38	9:40:21	NNO		performed	4375	L1a&b	L02
74			336	2/12/23	SCO	2:03:35	7:12:39	NNO		successfully performed	4376	L1a&b	L02
75			336	2/12/23	SCO	22:55:26	4:23:15	NNO		successfully performed	4377	L1a&b	L02
76			337	3/12/23	SCO	6:15:18	9:50:13	NNO		performed	4378	L1a&b	L02
77			338	4/12/23	SCO	2:52:39	7:20:01	NNO		successfully performed	4379	L1a&b	L02
78			338	4/12/23	SCO	23:51:29	4:43:38	NNO		successfully performed	4380	L1a&b	L02
79			339	5/12/23	SCO	7:01:31	9:49:04	NNO		successfully performed	4381	L1a&b	L02
80			340	6/12/23	SCO	4:30:21	6:55:54	NNO		successfully performed	4382	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?
81			340	6/12/23	SCO	7:51:04	8:54:41	NNO		successfully performed	4383	L1a&b	L02
82			342	8/12/23	SCO	4:12:22	9:47:18	NNO		successfully performed	4384	L1a&b	L02
83			343	9/12/23	SCO	3:36:32	6:52:51	NNO		successfully performed	4385	L1a&b	L02
84			343	9/12/23	SCO	8:13:03	9:12:54	NNO		successfully performed	4386	L1a&b	L02
85			344	10/12/23	SCO	5:35:47	9:39:00	NNO		successfully performed	4387	L1a&b	L02
86			345	11/12/23	SCO	3:35:18	7:54:57	NNO		successfully performed	4388	L1a&b	L02
87			346	12/12/23	SCO	8:33:17	9:45:05	NNO		successfully performed	4389	L1a&b	L02
88			348	14/12/23	SCO	4:12:08	5:49:02	NNO		successfully performed	4390	L1a&b	L02
89			348	14/12/23	SCO	7:17:24	9:43:53	NNO		successfully performed	4391	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 Operation 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?
90			348	14/12/23	SCO	22:14:48	2:13:42	NNO		successfully performed	4392	L1a&b L02	
91			349	15/12/23	SCO	22:13:45	23:41:48	NNO		successfully performed	4393	L1a&b L02	
92			350	16/12/23	SCO	1:26:37	4:26:48	NNO		successfully performed	4394	L1a&b L02	
93			350	16/12/23	SCO	22:13:46	23:25:38	NNO		successfully performed	4395	L1a&b L02	
94			351	17/12/23	SCO	5:44:41	9:42:12	NNO		performed	4396	L1a&b L02	
95			351	17/12/23	SCO	23:40:29	1:01:21	NNO		failed	4397	L1a&b	
96			352	18/12/23	SCO	2:17:38	2:24:43	NNO		failed	4398	L1a&b	
97			352	18/12/23	SCO	22:42:35	3:59:32	NNO		failed	4399	L1a&b	
98			354	20/12/23	SCO	3:25:43	7:46:56	NNO		performed	4400	L1a&b L02	
99			354	20/12/23	SCO	23:56:09	5:25:04	NNO		successfully performed	4401	L1a&b L02	
100			355	21/12/23	SCO	22:08:46	2:21:53	NNO		successfully performed	4402	L1a&b L02	
101			356	22/12/23	SCO	3:51:17	9:10:20	NNO		performed	4403	L1a&b L02	
102			356	22/12/23	SCO	22:07:48	23:17:02	NNO		successfully performed	4404	L1a&b L02	
103			357	23/12/23	SCO	0:41:31	6:07:22	NNO		successfully performed	4405	L1a&b L02	
End MTP 255													

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