Mars Express	Radio Science	Experiment	- Science	Operations	Logbook

						seque	l to MaR	S_ops	_logbook 1	2		
	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 MTF	P 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

										successfully			
11	11506		016	16/1/13	GRV	8:37:49	11:24:12	NNO	global	performed	3498	L1a&b	L02
										successfully			
12	11513		018	18/1/13	GRV	9:03:06	11:25:05	NNO	global	performed	3499	L1a&b	L02
12	11010		010	10/1/10	OIW	0.00.00	11.20.00		giobai	periornica	0400	LIUGO	LUZ
										successfully			
13	11516		019	19/1/13	GRV	8:37:25	10:53:34	NNO	global	performed	3500	L1a&b	L02
										successfully			
14	11520		020	20/1/13	GRV	9:42:31	11:22:15	NNO	global	performed	3492	L1a&b	L02
									ŭ	.			
										successfully			
15	11523		021	21/1/13	GRV	8:47:32	11:10:17	NNO	global	performed	3501	L1a&b	L02
13	11525		021	21/1/13	GIV	0.47.32	11.10.17	ININO	giobai	penonneu	3301	LIAOD	LUZ
		DSN					stop time						
	orbit	tracking	day of			start time (UT)	(UT) planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	proces	sed?
										successfully			
16	11530		023	23/1/13	GRV	8:31:46	11:17:53	NNO	global	performed	3502	L1a&b	L02
47	44507		005	05/4/40		0.04.54	11.11.55		al a brad	successfully	0500	14-01-	1.00
17	11537		025	25/1/13	GRV	9:01:54	11:14:55	NNO	global	performed	3503	L1a&b	L02
										successfully			
18	11540		026	26/1/13	GRV	8:27:24	10:01:12	NNO	global	performed	3504	L1a&b	L02
										successfully			
19	11544		027	27/1/13	GRV	9:26:38	11:11:54	NNO	global	performed	3505	L1a&b	L02
	11044		021	21/1/10	CITY	0.20.00	11.11.04		giobai	pononneu	0000	Liuus	202
					0.511					successfully			
20	11547		028	28/1/13	GRV	9:09:02	10:56:33	NNO	global	performed	3506	L1a&b	L02
										successfully			
	11554		030	30/1/13	GRV	9:14:06	11:07:17	NNO	global	performed	3507	L1a&b	L02
													1.00

									successfully			
22	11561	 032	1/2/13	GRV	9:18:10	10:50:55	NNO	global	performed	3508	L1a&b	L02
									successfully			
23	11564	033	2/2/13	GRV	8:16:49	10:08:04	NNO	global	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
	_					and a	f MTD	442				
						ena o	of MTP	113				
						start o	of MTP	114				
	4457414											
25	11571/1 1572	035	4/2/13	GRV	8:13:40	10:41:02	NNO	global	successfully performed	3510	L1a&b	L02
20	1572	035	4/2/13	GRV	0.13.40	10.41.02	ININO	giobai	periornieu	3510	LIAQU	LUZ
~~~	11585/1		0/0/40	0.01/	0.07.40	10 50 10			successfully	0544		1.00
26	1586	 039	8/2/13	GRV	8:07:16	10:52:49	NNO	global	performed	3511	L1a&b	L02
									successfully			
27	11592	041	10/2/13	GRV	9:15:23	10:49:29	NNO	global	performed	3512	L1a&b	L02
									successfully			
28	11596	042	11/2/13	GRV	8:59:31	10:47:49	NNO	global	performed	3513	L1a&b	L02
	11602/1								successfully			
29	1603	044	13/2/13	GRV	8:54:36	10:44:26	NNO	global	performed	3514	L1a&b	L02
	11609/1								successfully			
30	1610	046	15/2/13	GRV	8:48:40	10:21:45	NNO	global	performed	3515	L1a&b	L02
								U				
	11619/1								successfully			
31	1620	049	18/2/13	GRV	7:50:37	10:35:48	NNO	global	performed	3516	L1a&b	L02
	1020	010	10/2/10	City	1.00.01	10.00.10		giobai	performed	0010	21005	202
	11000/4								ou coco of ully			
32	11622/1 1623	050	19/2/13	GRV	4:14:46	06:59:57	NNO	alabal	successfully performed	3517	L1a&b	L02
32	1023	050	19/2/13	GRV	4.14.40	00.59.57		global	periormed	3017	LIGOD	LUZ

	11626/1						10.00.10			successfully			
33	1627		051	20/2/13	GRV	7:56:05	10:32:18	NNO	global	performed	3518	L1a&b	L02
	11633/1									successfully			
34	1634		053	22/2/13	GRV	7:43:42	10:28:45	NNO	global	performed	3519	L1a&b	L02
										successfully			
35	11637		054	23/2/13	GRV	7:41:57	09:20:13	NNO	global	performed	3520	L1a&b	L02
									<u>g</u>				
										successfully			
36	11640		055	24/2/13	GRV	8:24:06	10:25:11	NNO	global	performed	3521	L1a&b	L02
50	11040		000	24/2/13	GIV	0.24.00	10.25.11	NINO	giobai	penonneu	5521	LIAOD	LUZ
										<b>6</b> 11			
07	11011		050	05/0/40		7.00.00	00.45.50		alah al	successfully	0500	14-01-	1.00
37	11644		056	25/2/13	GRV	7:38:26	09:45:52	NNO	global	performed	3528	L1a&b	L02
	11650/1									successfully			
38	1651		058	27/2/13	GRV	7:34:53	10:19:47	NNO	global	performed	3529	L1a&b	L02
	11657/1									successfully			
39	1658		060	1/3/13	GRV	7:31:18	10:06:13	NNO	global	performed	3530	L1a&b	L02
										successfully			
40	11664		062	3/3/13	GRV	8:26:20	10:12:28	NNO	global	performed	3531	L1a&b	L02
		I					and a	4 MTD	, j	•	L		
							enu o	of MTP	114				
							start	of MTF	P 115				
		DSN	1				stop time						
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	process	ed2
	Indiniber	number	your	uuto	marte delivity	plainica/ actual	uotuui	Station	anget, coordinates	Suncencul	Volume-ID	p100033	ou i
	110070												
11	11667/1		062	4/2/42	800	7.05.54	00.22.04		alahal	partially	2476	11086	1.02
41	1668		063	4/3/13	SCO	7:25:54	09:33:01	NNO	global	performed	3476	L1a&b	L02
	11670/1									partially			
42	1671		064	5/3/13	SCO	4:20:14	06:14:51	NNO	global	performed	3477	L1a&b	L02

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

										successfully		
54	11716		077	18/3/13	SCO	7:00:08	09:24:50	NNO	global	performed	3486	L1a&b L02
									Ŭ	·		
	11722/1									successfully		
55	1723		079	20/3/13	SCO	6:56:25	09:40:40	NNO	global	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
50	11750		005	24/3/13	300	1.52.29	09.00.00	ININO	giobai	periornied	3332	
	11739/1									successfully		
57	1740		084	25/3/13	SCO	6:47:02	08:55:42	NNO	global	performed	3488	L1a&b L02
50	11746/1		000	07/0/40	000	0.40.47	00.07.00		alah al	successfully	0.400	
58	1747		086	27/3/13	SCO	6:43:17	09:27:20	NNO	global	performed	3489	L1a&b L02
	11753/1									partially		
59	1754		088	29/3/13	SCO	6:39:32	09:23:31	NNO	global	performed	3490	L1a&b L02
									_	-		
										partially		
60	11757		089	30/3/13	SCO	6:22:37	08:11:55	NNO	global	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
-								f MTP				
							start	of MTF	116			
		DSN					stop time					
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?
	number	number	your	uuto	marte denvity	plainea, actual	uotuui	Station	target, coordinates		Volume-ib	processed
	11763/1											
62	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	porformed	3534	L1a&b L02
03	11/0/		092	2/4/13	300	7.31.22	09.30.32		global	performed	3034	

	11777/1												
64	1778		095	5/4/13	SCO	6:11:20	09:25:09	NNO	global	performed	3535	L1a&b	L02
									<u> </u>				
65	11781		096	6/4/13	SCO	6:09:28	07:54:34	NNO	global	performed	3536	L1a&b	L02
										successfully			
66	11783		096	6/4/13	SCO	20:51:00	01:25:57	DSS-14	global	performed	3537	L1a&b	L02
00	11705		090	0/4/13	300	20.31.00	01.23.37	D33-14	giobai	penonneu	5557	LIAQU	LUZ
67	11784		097	7/4/13	SCO	6:39:53	09:21:21	NNO	global	performed	3538	L1a&b	L02
										•			
										<b>c</b> 11			
										successfully			
68	11789		098	8/4/13	SCO	14:20:14	15:49:00	DSS-63	global	performed	3539	L1a&b	L02
										partially			
69	11791		099	9/4/13	SCO	7:35:07	09:17:33	NNO	global	performed	3540	L1a&b	L02
			000	0, 1, 10	000	1.00.01	00.11.00	1010	giobai	ponomiou	0010	21000	
	11792/1									successfully			
70	1793		099	9/4/13	SCO	14:50:15	17:59:57	DSS-63	global	performed	3541	L1a&b	L02
										successfully			
71	11796		100	10/4/13	SCO	15:15:17	16:44:13	DSS-14	global	performed	3542	L1a&b	L02
/ 1	11790		100	10/4/13	300	15.15.17	10.44.15	D33-14	giobai	penonneu	3042	LIAQU	LUZ
	11799/1									successfully			
72	1800		101	11/4/13	SCO	16:05:18	17:59:57	DSS-63	global	performed	3543	L1a&b	L02
		DSN					stop time						
	orbit	tracking	day of			start time (UT)	(UT) planned/	-		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	proces	sed?
	11802/1									successfully			
73	1803		102	12/4/13	SCO	12:27:35	15:34:57	DSS-63	global	performed	3544	L1a&b	L02
									9.0.00.		0011	2.0.0.0	
										partially			
74	11805		103	13/4/13	SCO	5:56:22	07:38:07	NNO	global	performed	3545	L1a&b	L02

	11005/1											
75	11805/1 1806		103	13/4/13	SCO	10:05:21	13:21:17	DSS-63	global	successfully performed	3546	L1a&b L02
	1000		100	10/ 1/ 10		10.00.21	10.21111	200 00	giobai	pononiou	0010	
										successfully		
76	11806		103	13/4/13	SCO	16:24:48	17:54:57	DSS-63	global	performed	3547	L1a&b L02
	11809/1		10.1	4 4 14 14 0	000	40.00.40	47.40.00	D00.00	alah al		0540	
77	1810		104	14/4/13	SCO	13:22:49	17:18:33	DSS-63	global	performed(-)	3548	L1a&b L02
										partially		
78	11812		105	15/4/13	SCO	5:52:38	08:33:25	NNO	global	performed	3549	L1a&b L02
									_	-		
	11813/1											
79	1814		105	15/4/13	SCO	17:20:00	21:15:44	DSS-14	global	performed(-)	3550	L1a&b
	11010/1									a substitution		
80	11818/1 1819		107	17/4/13	SCO	5:48:57	08:58:17	NNO	global	partially performed	3551	L1a&b L02
									great			
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
			-	-						F ( )		
	orbit	DSN tracking	day of			start time (UT)	stop time (UT) planned/	ground		performed?		
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?
83	11823/1 1824		108	18/4/13	SCO	15:50:28	17:44:57	DSS-63	global	performed(-)	3554	L1a&b
00	1024		100	10/4/13	000	10.00.20	17.74.07	000-00	giobai		3334	
	11825/1									partially		
84	1826		109	19/4/13	SCO	5:45:14	08:58:43	NNO	global	performed	3555	L1a&b L02
05	11007		100	10/4/40	800	14,55,00	17.00.00	D00 44		norformer d()	0550	
85	11827		109	19/4/13	SCO	14:55:29	17:23:30	DSS-14	global	performed(-)	3556	L1a&b

86	11827		109	19/4/13	SCO	19:10:23	20:53:31	DSS-14	global	performed(-)	3557	L1a&b
00	11027		109	13/4/13	300	19.10.25	20.00.01	000-14	giobai	performed(-)	3007	LTAQU
87	11828		109	19/4/13	SCO	22:29:47	00:22:53	DSS-14	global	performed(-)	3558	L1a&b
									Ŭ			
	11829/1											
88	1830		110	20/4/13	SCO	9:50:30	13:04:44	DSS-63	global	performed(-)	3559	L1a&b
89	11832/1		444	04/4/40	SCO	0.07.04	00.55.00		alahal	n o nfo mos o d	2500	L1a&b L02
69	11833		111	21/4/13	300	6:07:01	08:55:00	NNO	global	performed	3560	L1a&b L02
	11833/1											
90	1834		111	21/4/13	SCO	13:06:18	15:34:57	DSS-63	global	performed(-)	3561	L1a&b
									Ŭ			
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	alahal	successfully	3562	L1a&b L02
92	11637		112	22/4/13	500	13.23.13	15.17.04	DSS-03	global	performed	3002	LTAOD LUZ
										successfully		
93	11840		113	23/4/13	SCO	9:45:32	12:15:05	DSS-63	global	performed	3563	L1a&b L02
		DSN					- 4 41					
	orbit	tracking	day of			start time (UT)	stop time (UT) planned/	ground		performed?		
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?
04	11840/1 1841		113	23/4/13	SCO	14.01.20	17:29:57	DSS-63	alabal	successfully	2574	L1a&b L02
94	1641		113	23/4/13	500	14:01:29	17.29:57	000-03	global	performed	3571	LTAQD LU2
	11842/1									partially		
95	1843		114	24/4/13	SCO	5:36:04	08:45:16	NNO	global	performed	3572	L1a&b L02
									Ŭ			
	11845/1									partially		
96	1846		115	25/4/13	SCO	3:11:34	06:11:16	NNO	global	performed	3573	L1a&b L02

	44047/4												
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
								of MTP					
							start	of MTF	<mark>2 117</mark>				
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	process	ed?

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

										ouccoofully			
108	11880		125	5/5/13	SCO	5:48:44	08:14:33	NNO	global	successfully performed	3523	L1a&b	L02
100			.20	0,0,10		0.10.11	00.11.00		giobai	ponomica	0020	21000	202
										successfully			
109	11904		132	12/5/13	SCO	6:31:30	08:02:20	NNO	global	performed	3524	L1a&b	L02
										successfully			
110	11908		133	13/5/13	SCO	5:17:32	06:55:26	NNO	global	performed	3525	L1a&b	L02
										successfully			
111	11921		137	17/5/13	SCO	5:10:48	07:53:53	NNO	global	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
	11020			10/0/10		0.10.01	01.00.01		giobai	pononnou	0021	21000	202
	11951/1									successfully			
113	1952		146	26/5/13	SCO	0:21:58	02:32:03	NNO	global	performed	3578	L1a&b	L02
										partially			
114	11956		147	27/5/13	SCO	4:54:41	06:32:21	NNO	global	performed	3579	L1a&b	L02
										nortiolly			
115	11963		149	29/5/13	SCO	4:51:34	07:27:25	NNO	qlobal	partially performed	3580	L1a&b	L02
110				20/0/10			07.27.20		giobai	pononnou		21000	
	11965/1									partially			
116	1966		150	30/5/13	SCO	0:17:00	02:36:52	NNO	global	performed	3581	L1a&b	L02
	11969/1		151	04/5/40			07.04.00			partially			
117	1970		151	31/5/13	SCO	4:48:29	07:31:28	NNO	global	performed	3582	L1a&b	L02
							end o	of MTF	P 117				
							start	of MTI	P 118				
		DSN					stop time						
	orbit	tracking	day of			start time (UT)	(UT) planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	process	ed?

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	11976/1								successfully			
118	1970/1	153	2/6/13	GRV	5:31:41	07:28:25	NNO	global	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
113	11905	100	4/0/13	GIV	5.50.50	07.19.39	ININO	giobai	penonneu	3504	LTAQU	LUZ
									successfully			
120	12004	161	10/6/13	GRV	4:23:09	06:06:57	NNO	global	performed	3585	L1a&b	L02
									successfully			
121	12007	162	11/6/13	GRV	0:11:04	02:55:10	NNO	global	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
122	2011	101	10/0/10	ORV	0.11.00	02.00.20		giobai	periornica	0001	LIGGD	202
	12017/1								partially			
123	2018	165	14/6/13	GRV	4:13:22	07:11:17	NNO	global	performed	3588	L1a&b	L02
	12020/1								partially			
124	2021	166	15/6/13	GRV	0:16:58	03:03:55	NNO	global	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
100	12031/1	100	10/0/10		5.00.50	07:04:50		alah al	successfully	0504	1.4 - 0.5	1.00
126	2032	169	18/6/13	GRV	5:02:53	07:04:59	NNO	global	performed	3591	L1a&b	L02
									successfully			
127	12052	175	24/6/13	GRV	3:51:46	05:25:57	NNO	global	performed	3592	L1a&b	L02
									ou oo oo of alla			
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	alabal	successfully performed	3594	L1a&b	L02
129	2062	1/8	27/0/13	GRV	0:24:35	02:28:48	UNINU	global	performed	3594	LIAGO	L02

	12065/1									successfully			
130	2066		179	28/6/13	GRV	3:44:18	05:53:28	NNO	global	performed	3595	L1a&b	L02
							end o	of MTP	118				
							start	of MTF	P 119				
	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	process	sed?
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
							end o	of MTP	119				
							start o	of MTP	120				
							end o	of MTP	120				
							start	of MTF	P 121				
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	3602	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 cacelled after ESOC PTR light red: task cancelled by ESOC PTR

100	10074		200	05/0/40		04:40:00	00.00.00		alabal	successfully	2002	14-94	1.00
138	12374		268	25/9/13	GRV	21:48:39	23:23:36	NNO	global	performed	3603	L1a&b	L02
							end c	of MTP	121				
							start	of MTF	• 122				
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
							end o	of MTP	122				
								of MTF					
		DSN											
	orbit number	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	proces	sed?
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			330	26/11/13	0000	23:35:55	23:57:25	NNO	<u></u>	successfully	3605	L1a&b	L02
144	12007		330	20/11/13		23.35.55	23.57.25	UNINU		periornea	3005	LIAQU	LUZ
145	12594		333	29/11/13	OCC	0:26:36	0:48:06	NNO		successfully performed	3606	L1a&b	L02
	end of MTP 123 white: planned task												

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Mars Express Radio	Science Experiment	- Science Operations	Logbook

						start	of MTF	P 124				
146	12604	335	1/12/13	000	22:15:28	22:36:58	NNO		successfully performed	3607	L1a&b	L02
147	12608	337	3/12/13	000	2:11:34	2:33:04	NNO		successfully performed	3608	L1a&b	L02
148	12611	337	3/12/13	000	23:08:35	23:30:05	NNO		successfully performed	3609	L1a&b	L02
149	12615	339	5/12/13	000	3:04:59	3:26:29	NNO		successfully performed	3610	L1a&b	L02
150	12618	340	6/12/13	000	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		346	12/12/13	OCC	2:44:34	3:06:04	NNO		successfully performed	3617	L1a&b	L02
	12642	346	12/12/13	0000	23:42:24	0:03:54 white: p			successfully performed	3618	L1a&b	L02

grey: status of operation to be checked yellow: task to be completed green: task completed dark red: task failed or cacelled after ESOC PTR

light red: task cancelled by ESOC PTR

								cancelled by			
158	12645	347	13/12/13	occ	20:39:57	20:48:37	NNO	MPS			
								successfully			
159	12646	348	14/12/13	000	3:39:19	4:00:49	NNO	performed	3620	L1a&b	L02
								successfully			
160	12649	349	15/12/13	000	0:37:13	0:58:43	NNO	performed	3621	L1a&b	L02
101	40050	054	17/10/10		00.00.40	00.00.40		cancelled by			
161	12659	351	17/12/13	000	22:30:13	22:39:13	NNO	MPS			
162	12669	354	20/12/13	OCC	20:23:35	20:32:49	NNO	cancelled by MPS			
102	12003	- 554	20/12/13	000	20.23.33	20.02.40		WI O			
								successfully			
163	12670	355	21/12/13	000	3:23:01	3:44:31	NNO	performed	3622	L1a&b	L02
								successfully			
164	12673	356	22/12/13	000	0:20:58	0:42:28	NNO	performed	3623	L1a&b	L02
								cancelled by			
165	12676	356	22/12/13	000	21:19:11	21:28:35	NNO	MPS			
166	12680	358	24/12/13	000	1:16:32	1:38:02	NNO	failed	3625		
100	12000	000	24/12/13		1.10.32	1.00.02		Talled	5025		
								successfully			
167	12683	358	24/12/13	000	22:14:43	22:36:13	NNO	performed	3626	L1a&b	L02
								successfully			
168	12690	360	26/12/13	000	23:10:10	23:31:40	NNO	performed	3627	L1a&b	L02
								cancelled by			
169	12693	361	27/12/13	000	20:08:10	20:17:59	NNO	MPS			

	12693	361	27/12/13	PHO	0:00:00	23:59:59	NNO		unknown	3612		
170	12696	362	28/12/13	РНО	0:00:00	23:59:59	NNO		unknown	3619		
171	12699	363	29/12/13	РНО	0:00:00	23:59:59	NNO		unknown	3624		
	12699	363	29/12/13	РНО	0:00:00	23:59:59	DSS-14		unknown	3648		
	12699	363	29/12/13	РНО	0:00:00	23:59:59	DSS-63		unknown	3649		
172	12702	364	30/12/13	РНО	0:00:00	23:59:59	NNO		unknown	3628		
173	12707	365	31/12/13	000	21:59:21	22:20:51	NNO		successfully performed	3629	L1a&b	L02
						end	of MTP	124				

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



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MaRS_ops_logbook 13_I6_R44



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MaRS_ops_logbook 13_I6_R44



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MaRS_ops_logbook 13_I6_R44



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MaRS_ops_logbook 13_I6_R44



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MaRS_ops_logbook 13_I6_R44