					-	MTP 47 (se	equel to	Mars_	_ops_logbo	ok 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	PSA
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

								of MT	P47	Oberation	5-200000		
							start	of MT	P48				
	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		PSA

					xpress r	aulo Sciel	псе схр	enne	nt - Science	Operation	S LOYDOOK		
	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		PSA
20	5272		039	8/2/08	BSR	23:07:00	01:30:36	DSS-63	125.45 10.02	performed	1423		PSA
	5273/									successfully			
21	5274		040	9/2/08	GRV	10:39:24	13:45:56	NNO	global	performed	1424	L1a&b L02	PSA
	5277/									successfully			
22	5278		041	10/2/08	GRV	14:01:36	16:01:51	NNO	global	performed	1425	L1a&b L02	PSA
							end	of MT	P48				
							start	of MT	P49				
	orbit	DSN tracking	day of	data	MaDO activity	start time (UT)	stop time (UT) planned/	ground	4	performed? cancelled?	Values ID		anakina d2
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?	archived?
~~~	5287/		<b></b>	4.0.10.10.0			40.00.07			successfully	4 4 9 9		504
23	5288		044	13/2/08	GRV	10:27:07	13:33:37	NNO	global	performed	1426	L1a&b L02	PSA
24	5291/		045	14/0/09		12:40:17	15.40.40		global	successfully	1407	1.1c ² b 1.02	
24	5292		045	14/2/08	GRV	13:49:17	15:42:49	NNO	global	performed	1427	L1a&b L02	PSA
	5004/												
25	5294/ 5295		046	15/2/08	GRV	10:20:56	13:27:30	NNO	global	successfully performed	1428	L1a&b L02	PSA
20	0200		010	10/2/00	U.V.	10.20.00	10.27.00		giobai	penonnea	1420		
	5298/									successfully			
			047	16/2/08	GRV	13:43:13	15:36:42	NNO	global	performed	1429	L1a&b L02	PSA
26	5299												

				iviars E	xpress h	cadio Sciel	ice Exd	erime	<u>nt - Science</u>	Operation	<u>s loadook</u>		
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		PSA
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
32	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	1437	L1a&b L02	PSA
	5343		060	29/2/08	BSR	9:29:58	12:29:58	DSS-43	132.88 68.24 - 26.18	performed	1438		PSA
										successfully			

				wars E	XDress R	adio Sciel		erime	nt - Science	Operation	S LOUDOOK			
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	process	sed?	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 MT	P49					
							start	of MT	P50					
							white	e [.] planned t	ack					

	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
46	5382/		071	11/3/08	GRV	12:32:58	14:23:04	NNO	global	partially performed	1449	L1a&b L02	PSA
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 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

					ADIESS I			CITTE	nt - Science	Operation	S LOUDOOK			
55	5406/ 5407		078	18/3/08	GRV	8:45:53	11:45:23	NNO	global	successfully performed	1458	L1a&b	L02	PSA
									5.000.	successfully				
56	5410		079	19/3/08	GRV	9:52:29	10:32:29	NNO	Pavonis	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
	5413/									successfully				
58	5414		080	20/3/08	GRV	8:50:59	11:39:08	NNO	global	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
									132.88 68.24 -					
60	5423		083	23/3/08	BSR	1:20:23	04:05:24	DSS-14	26.18	performed	1463			PSA
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
	5434/									successfully				
63	5435		086	26/3/08	GRV	8:20:39	11:20:14 stop time	NNO	global	performed	1466	L1a&b	L02	PSA
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	(UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	proces	sed?	archived?
	5438/									successfully				
64	5439		087	27/3/08	GRV	11:42:51	13:32:52	NNO	global	performed	1467	L1a&b	L02	PSA

	5441/									successfully				
65			088	28/3/08	GRV	8:14:24	11:14:27	NNO	global	performed	1468	L1a&b	L02	PSA
	5445/								<u></u>	successfully				
66			089	29/3/08	GRV	11:36:30	13:26:33	NNO	global	performed	1469	L1a&b	L02	PSA
	5448/					11.00.00	10.20.00		giobai	successfully				
67	5449		090	30/3/08	GRV	8:08:11	11:07:41	NNO	global	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
00	0400		001	01/0/00		11.00.10	10.20.14		giobai	performed	1771		202	10/(
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 MT	P50					
							start	of MT	P51					
							end	of MT	P51					
		1		T	1	[]	-	of MT	P52			-		
	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?	archived?
70	5587		130	9/5/08	BSR	0:05:01	02:37:59	NNO		cancelled by MPS	1473			
							end	of MT	P52					
							start	of MT	P53					
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground	target; coordinates	performed? cancelled?	Volume-ID	process	sed?	archived?
	number	number	year	udle	marto activity	planneu/ actual	aciuai	อเลแบท	target, coordinates	cancelleu :	Voluille-ID	process	eu :	archiveur

71	5740	173	21/6/08	OCC	10:54:45	11:16:45	NNO	successfully performed	1474	L1a&b	L02	PSA
	0140	170	21/0/00		10.04.40	11.10.40		performed			L02	10/
72	5743	174	22/6/08	OCC	7:26:42	07:48:42	NNO	successfully performed	1475	L1a&b	L02	PSA
73	5745	174	22/6/08	000	21:07:58	21:29:58	DSS-15	performed	1476	L1a&b	L02	PSA
74	5747	175	23/6/08	occ	10:49:29	11:11:29	NNO	successfully performed	1477	L1a&b	L02	PSA
74	5141	175	23/0/00		10.49.29	11.11.29		penomed	1477		LUZ	FOR
								successfully				
75	5750	176	24/6/08	000	7:21:53	07:43:53	NNO	performed	1478	L1a&b	L02	PSA
								successfully				
76	5757	178	26/6/08	000	7:17:27	07:39:28	NNO	performed	1479	L1a&b	L02	PSA
								successfully				
77	5761	179	27/6/08	OCC	10:40:41	11:02:41	NNO	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	DSN	181	29/6/08	occ	10:36:19	<u>10:58:19</u> stop time (UT)	NNO		successfully performed	1482	L1a&b L02	PSA
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	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
								of MT					
				1	1			of MT	P54				
	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		PSA

83	5785	186	4/7/08	000	7:00:06	07:22:06	NNO	performed(-)	1486	L1a&b	L02	PSA
84	5789	187	5/7/08	000	10:23:28	10:45:28	NNO	cancelled by MPS	1487			
85		<u>187</u> 188	5/7/08 6/7/08	0000 0000	<u>17:14:17</u> 6:55:53	<u>17:36:17</u> 07:17:53	DSS-65 NNO	performed successfully performed	<u>1488</u> 1489	L1a&b	L02 L02	PSA PSA
87		189	7/7/08	OCC	3:37:27	03:50:27	NNO	successfully	1490	L1a&b	L02	PSA
88	5809	193	11/7/08	OCC	3:28:57	03:41:57	NNO	successfully performed	1491	L1a&b	L02	PSA

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	5014	4070	104	40/7/00	000	42-24-00	40.50.00			partially	1402	14096	1.00	
89	5814	1870	194	12/7/08	000	13:34:06	13:56:06 stop time	DSS-65		performed	1492	L1a&b	L02	PSA
		DSN					(UT)							
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	proces	sed?	archived?
			,						<b>.</b>					
										partially				
90	5815	1870	194	12/7/08	000	20:24:58	20:46:58	DSS-65		performed	1493	L1a&b	L02	PSA
										successfully				
91	5816		195	13/7/08	000	3:24:46	03:37:46	NNO		performed	1494	L1a&b	L02	PSA
										successfully				
92	5817		195	13/7/08	OCC	10:06:38	10:28:38	NNO		performed	1495	L1a&b	L02	PSA

93	5818	1871	195	13/7/08	<u> </u>	16:57:27	17:19:27	DSS-65	partially performed	1496	L1a&b	L02	
94	5832	1875	199	17/7/08	PHO	17:50:52	20:17:10	DSS-65	successfully 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	
	5860	1883	207	25/7/08	000	16:32:18		DSS-65	performed	1500	L1a&b	L02	

				Mars F	xnress F	adio Scie	nce Exn	erimer	nt - Science	Operation	s Logbook		
	5004					40.55.00	00 47 07	D00.45		the second second	4504		DOA
98	5864	1884	208	26/7/08	000	19:55:26	20:17:27 stop time	DSS-15		performed	1501	L1a&b L02	PSA
	orbit	DSN tracking	day of			start time (UT)	(UT) planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	•	target; coordinates	cancelled?	Volume-ID	processed?	archived?
										successfully			
99	5865		209	27/7/08	000	2:55:21	03:08:21	NNO		performed	1502	L1a&b L02	PSA
										successfully			
100	5866		209	27/7/08	000	9:37:10	09:59:10	•		performed	1503	L1a&b L02	PSA
								of MTI					
				1				of MT	P55				
		DSN					stop time (UT)						
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
										successfully			
101	5882		214	1/8/08	GRV	2:37:24	05:02:40	NNO	global	performed	1504	L1a&b L02	PSA
102	5885	1890	214	1/8/08	000	19:42:55	20:04:55	DSS-15		performed	1505	L1a&b L02	PSA
103	5885	1890	214	1/8/08	GRV	22:34:37	00:29:57	DSS-15	global	performed	1506	L1a&b L02	PSA
105	- 5665	1090	214	1/0/00	GRV	22.04.07	00.29.57	000-10	giobai	penomeu	1300		T SA
										successfully			
104	5886		215	2/8/08	GRV	6:00:15	08:08:55	NNO	global	performed	1507	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

		1			XDIess r	aulo Sciel		enne	nt - Science	Operation	S LOUDOOK		
105	5887		215	2/8/08	occ	9:24:30	09:46:30	NNO		successfully performed	1508	L1a&b L0	2 PSA
106	5888	1891	215	2/8/08	occ	16:15:17	16:37:17	DSS-65		performed	1509	L1a&b L0	2 PSA
107	5889	1891	215	2/8/08	occ	23:06:07	23:28:07	DSS-15		performed	1510	L1a&b L0	2 PSA
108	5890		216	3/8/08	occ	5:57:00	06:19:00	NNO		successfully performed	1511	L1a&b L0	2 PSA
109	5890		216	3/8/08	GRV	8:48:02	11:35:41	NNO	global	performed	1512	L1a&b L0	2 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?
110	5892	1892	216	3/8/08	OCC	19:38:39	20:00:39	DSS-15		performed	1513	L1a&b L03	2 PSA
111	5893		217	4/8/08	GRV	6:00:03	08:05:47	NNO	global	performed	1514	L1a&b L0	2 PSA
112	5897		218	5/8/08	GRV	9:27:56	11:33:33	NNO	global	performed	1515	L1a&b L0:	2 PSA
113	5899	1894	218	5/8/08	OCC	19:34:24	19:56:24	DSS-15		performed(-)	1516	L1a&b L0	2 PSA
114	5903		220	7/8/08	GRV	2:37:06	04:32:44	NNO	global	performed	1517	L1a&b L03	2 PSA

			wars E	XDress F	cadio Sciel	ice Exp	erimei	it - Science	Operation	S LOODOOK			
5904		220	7/8/08	000	5:48:35	06:10:35	NNO		performed	1518	L1a&b	L02	PSA
5007		221	0/0/00	000	2:21:01	02:42:01	NNO		porformed	1510	1 108 b	1.02	PSA
5907		221	0/0/00		2.21.01	02.43.01	NNO		penormed	1018	LIAQU	LUZ	<u> </u>
5908		221	8/8/08	occ	9:11:55	09:33:55	NNO		performed	1520	L1a&b	L02	PSA
5909	1897	221	8/8/08	GRV	18:51:12	21:37:57	DSS-15	global	performed	1521	L1a&b	L02	PSA
orbit	DSN tracking	day of	date	MaRS activity	start time (UT)	stop time (UT) planned/ actual	ground	target: coordinates	performed?	Volume-ID	proces	sod?	archived?
number	number	year	uute	Marco activity	planned/ actual	dottali	Station	target, coordinates	canceneu	Volume-ID	proces	Sedi	archived
5910	1897	221	8/8/08	OCC	22:53:36	23:15:36	DSS-15		performed	1522	L1a&b	L02	PSA
5911		222	9/8/08	осс	5:44:21	06:06:21	NNO		performed	1523	L1a&b	L02	PSA
5911		222	9/8/08	GRV	8:32:35	11:28:19	NNO	global	performed	1524	L1a&b	L02	PSA
5913	1898	222	9/8/08	осс	19:26:05	19:48:05	DSS-15		performed	1525	L1a&b	L02	PSA
5913	1898	222	9/8/08	GRV	22:14:01	00:44:46	DSS-15	global	performed	1526	L1a&b	L02	PSA
5914		223	10/8/08	GRV	5:04:47	07:52:28	NNO	global	performed	1527	L1a&b	L02	PSA
	5907 5908 5909 orbit number 5910 5911 5911 5913	5907         5908         5909         5909         5909         5909         1897         5910         5911         5911         5911         5911         5913         1898         5913	5907       221         5908       221         5909       1897       221         5909       1897       221         orbit       tracking number       day of year         5910       1897       221         5910       1897       221         5911       222       222         5913       1898       222         5913       1898       222	5904       220       7/8/08         5907       221       8/8/08         5908       221       8/8/08         5909       1897       221       8/8/08         5909       1897       221       8/8/08         orbit       DSN tracking number       day of year       4/8/08         5910       1897       221       8/8/08         5911       1897       221       8/8/08         5911       1897       222       9/8/08         5911       222       9/8/08       4/4         5913       1898       222       9/8/08         5913       1898       222       9/8/08         5913       1898       222       9/8/08	5904       220       7/8/08       OCC         5907       221       8/8/08       OCC         5908       221       8/8/08       OCC         5908       221       8/8/08       OCC         5909       1897       221       8/8/08       GRV         5909       1897       221       8/8/08       GRV         orbit racking number       day of year       date       MaRS activity         5910       1897       221       8/8/08       OCC         5911       222       9/8/08       OCC       Amars activity         5911       222       9/8/08       OCC       Amars activity         5913       1898       222       9/8/08       GRV         5913       1898       222       9/8/08       GRV	5904       220       7/8/08       OCC       5:48:35         5907       221       8/8/08       OCC       2:21:01         5908       221       8/8/08       OCC       9:11:55         5909       1897       221       8/8/08       GRV       18:51:12         orbit       DSN tracking number       day of year       date       MaRS activity       start time (UT) planned/ actual         5910       1897       221       8/8/08       OCC       22:53:36         5911       222       9/8/08       OCC       5:44:21         5911       222       9/8/08       OCC       5:44:21         5913       1897       222       9/8/08       OCC       5:44:21         5913       1898       222       9/8/08       OCC       19:26:05         5913       1898       222       9/8/08       GRV       22:14:01	5904         220         7/8/08         OCC         5:48:35         06:10:35           5907         221         8/8/08         OCC         2:21:01         02:43:01           5908         221         8/8/08         OCC         9:11:55         09:33:55           5909         1897         221         8/8/08         GRV         18:51:12         21:37:57           5909         1897         221         8/8/08         GRV         18:51:12         21:37:57           5909         1897         221         8/8/08         GRV         18:51:12         21:37:57           orbit         DSN tracking number         day of year         Mars activity date         fatritime (UT) planned/ actual         stop time stop time planned/ actual           5910         1897         221         8/8/08         OCC         22:53:36         23:15:36           5911         1897         222         9/8/08         GRV         8:32:35         11:28:19           5913         1898         222         9/8/08         GRV         8:32:35         19:48:05           5913         1898         222         9/8/08         GRV         22:14:01         00:44:46	5904       220       7/8/08       OCC       5:48:35       06:10:35       NNO         5907       221       8/8/08       OCC       2:21:01       02:43:01       NNO         5908       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5909       1897       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5909       1897       221       8/8/08       GRV       18:51:12       21:37:57       DSS-15         orbit       racking       day of       date       MaRS activity       start time (UT)       ground actual       ground actual         5910       1897       221       8/8/08       OCC       22:53:36       23:15:36       DSS-15         5911       222       9/8/08       OCC       5:44:21       06:06:21       NNO         5911       222       9/8/08       GRV       8:32:35       11:28:19       NNO         5913       1898       222       9/8/08       GRV       22:14:01       00:44:46       DSS-15         5913       1898       222       9/8/08       GRV       22:14:01       00:44:46       DSS-15         5913       1898 </td <td>5904       220       7/8/08       OCC       5:48:35       06:10:35       NNO         5907       221       8/8/08       OCC       2:21:01       02:43.01       NNO         5908       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5908       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5908       1897       221       8/8/08       GRV       18:51:12       21:37:57       DSS-15       global         5909       1897       221       8/8/08       GRV       18:51:12       21:37:57       DSS-15       global         orbit       DSN tracking number       day of umber       day of day of number       MaRS activity       start time (UT) planned/ actual       ground actual       ground actual       target; coordinates         5911       1897       221       8/8/08       OCC       22:53:36       23:15:36       DSS-15         5911       222       9/8/08       OCC       5:44:21       06:06:21       NNO       global         5913       1898       222       9/8/08       GRV       8:32:35       11:28:19       NNO       global         5913       1898       22</td> <td>59042207/8/08OCC5:48:3506:10:35NNOPerformed59072218/8/08OCC2:21:0102:43:01NNOPerformed59082218/8/08OCC9:11:5509:33:55NNOPerformed590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed591018972218/8/08OCC2:2:3:3623:15:36DSS-15globalperformed?591018972218/8/08OCC2:2:3:3623:15:36DSS-15performed?591018972229/8/08OCC2:2:3:3623:15:36DSS-15performed591118972229/8/08GRV8:32:3511:28:19NNOglobalperformed591318982229/8/08GRV19:26:0519:48:05DSS-15globalperformed591318982229/8/08GRV2:14:0100:44:46DSS-15globalperformed</td> <td>5907      </td> <td>59012207/8/08OCC548:3506:10:35NNOPerformed1518L1a&amp;b59072218/8/08OCC2:21:0102:43:01NNOperformed1519L1a&amp;b59082218/8/08OCC9:11:5509:33:55NNOperformed1520L1a&amp;b590918972218/8/08OCC9:11:5509:33:55NNOperformed1521L1a&amp;b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed1521L1a&amp;b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed?1521L1a&amp;b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed?1521L1a&amp;b591018972218/8/08OCC22:53:3623:15:36DSS-15globalperformed1522L1a&amp;b59111.229/8/08OCC5.44:2106:06:21NNOglobalperformed1523L1a&amp;b59111.229/8/08GRV8:32:3511:28:19NNOglobalperformed1524L1a&amp;b59131.8882229/8/08GRV8:32:3519:48:05DSS-15globalperformed1526L1a&amp;b59141.8982229/8/08GRV22:14:0100:44:46DSS-15globalperformed1526L1</td> <td>5901       $220$ $7/8/08$ $OCC$ $5:48:35$ $06:10:35$ $NNO$ $performed$ $1518$ $1a8b$ $102$         5907       $221$ $8:608$ $OCC$ $2:21:01$ $02:43:01$ $NNO$ $performed$ $1519$ $1a8b$ $102$         5907       $221$ $8:608$ $OCC$ $2:21:01$ $02:43:01$ $NNO$ $performed$ $1519$ $1a8b$ $102$         5908       $221$ $8:608$ $OCC$ $9:11:55$ $9:33:55$ $NNO$ $performed$ $1520$ $1a8b$ $102$         5909       $1897$ $221$ $8:608$ $GRV$ $18:51:12$ $2:13:757$ $DSS-15$ $global$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $day$ $dars$ $argst$ $cordinate$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $day$ $dars$ $darst$ $partinet$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $222$ $9:808$ $OCC$ $2:4:3:6$</td>	5904       220       7/8/08       OCC       5:48:35       06:10:35       NNO         5907       221       8/8/08       OCC       2:21:01       02:43.01       NNO         5908       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5908       221       8/8/08       OCC       9:11:55       09:33:55       NNO         5908       1897       221       8/8/08       GRV       18:51:12       21:37:57       DSS-15       global         5909       1897       221       8/8/08       GRV       18:51:12       21:37:57       DSS-15       global         orbit       DSN tracking number       day of umber       day of day of number       MaRS activity       start time (UT) planned/ actual       ground actual       ground actual       target; coordinates         5911       1897       221       8/8/08       OCC       22:53:36       23:15:36       DSS-15         5911       222       9/8/08       OCC       5:44:21       06:06:21       NNO       global         5913       1898       222       9/8/08       GRV       8:32:35       11:28:19       NNO       global         5913       1898       22	59042207/8/08OCC5:48:3506:10:35NNOPerformed59072218/8/08OCC2:21:0102:43:01NNOPerformed59082218/8/08OCC9:11:5509:33:55NNOPerformed590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed591018972218/8/08OCC2:2:3:3623:15:36DSS-15globalperformed?591018972218/8/08OCC2:2:3:3623:15:36DSS-15performed?591018972229/8/08OCC2:2:3:3623:15:36DSS-15performed591118972229/8/08GRV8:32:3511:28:19NNOglobalperformed591318982229/8/08GRV19:26:0519:48:05DSS-15globalperformed591318982229/8/08GRV2:14:0100:44:46DSS-15globalperformed	5907	59012207/8/08OCC548:3506:10:35NNOPerformed1518L1a&b59072218/8/08OCC2:21:0102:43:01NNOperformed1519L1a&b59082218/8/08OCC9:11:5509:33:55NNOperformed1520L1a&b590918972218/8/08OCC9:11:5509:33:55NNOperformed1521L1a&b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed1521L1a&b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed?1521L1a&b590918972218/8/08GRV18:51:1221:37:57DSS-15globalperformed?1521L1a&b591018972218/8/08OCC22:53:3623:15:36DSS-15globalperformed1522L1a&b59111.229/8/08OCC5.44:2106:06:21NNOglobalperformed1523L1a&b59111.229/8/08GRV8:32:3511:28:19NNOglobalperformed1524L1a&b59131.8882229/8/08GRV8:32:3519:48:05DSS-15globalperformed1526L1a&b59141.8982229/8/08GRV22:14:0100:44:46DSS-15globalperformed1526L1	5901 $220$ $7/8/08$ $OCC$ $5:48:35$ $06:10:35$ $NNO$ $performed$ $1518$ $1a8b$ $102$ 5907 $221$ $8:608$ $OCC$ $2:21:01$ $02:43:01$ $NNO$ $performed$ $1519$ $1a8b$ $102$ 5907 $221$ $8:608$ $OCC$ $2:21:01$ $02:43:01$ $NNO$ $performed$ $1519$ $1a8b$ $102$ 5908 $221$ $8:608$ $OCC$ $9:11:55$ $9:33:55$ $NNO$ $performed$ $1520$ $1a8b$ $102$ 5909 $1897$ $221$ $8:608$ $GRV$ $18:51:12$ $2:13:757$ $DSS-15$ $global$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $day$ $dars$ $argst$ $cordinate$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $day$ $dars$ $darst$ $partinet$ $performed$ $1521$ $1a8b$ $102$ $orbit$ $mmbe$ $222$ $9:808$ $OCC$ $2:4:3:6$

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405	5045		000	40/0/00	000	0.07.40	00.00.40				1500			
125	5915		223	10/8/08	000	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	proces	sed?	archived?
128	5920	1900	224	11/8/08	occ	19:21:54	19:43:54	DSS-15		partially performed	1531	L1a&b	L02	PSA
129	5925		226	13/8/08	OCC	5:36:02	05:58:02	NNO		performed	1532	L1a&b	L02	PSA
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
										period				
133	5937	1905	229	16/8/08	GRV	18:30:55	21:31:37	DSS-15	global	performed	1536	L1a&b	L02	PSA
134	5939		230	17/8/08	OCC	5:27:57	05:49:57	NNO		performed	1537	L1a&b	L02	PSA

#### Mars Express Radio Science Experiment - Science Operations Logbook 135 5939 230 17/8/08 GRV 8:12:25 11:13:06 NNO global performed 1538 L1a&b L02 **PSA** 5941 230 000 **DSS-15** L02 **PSA** 136 1906 17/8/08 19:09:32 19:31:32 performed 1539 L1a&b stop time DSN (UT) orbit tracking day of start time (UT) planned/ around performed? number MaRS activity cancelled? number year date planned/ actual actual station target; coordinates Volume-ID processed? archived? 137 5942 231 18/8/08 GRV 5:24:27 07:35:07 NNO alobal performed 1540 L1a&b L02 **PSA** 5945 231 18/8/08 BSR **DSS-14 PSA** 138 1907 22:23:45 00:42:57 1541 performed 5946 232 19/8/08 GRV 8:07:23 10:44:01 NNO 1542 L1a&b L02 **PSA** global performed 140 5949 233 20/8/08 GRV 4:39:30 07:21:15 NNO global performed 1543 L1a&b L02 **PSA** 5963 141 237 24/8/08 GRV 4:29:31 07:23:17 NNO 1544 L1a&b L02 **PSA** global performed 237 GRV 21:11:40 DSS-15 L02 **PSA** 142 5965 1913 24/8/08 18:10:56 global performed 1545 L1a&b 143 5966 238 25/8/08 GRV 2:00:29 03:49:23 NNO alobal 1546 L1a&b L02 **PSA** performed 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	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	PSA
146	5976	1916	240	27/8/08	occ	18:49:17	19:11:17	DSS-63		performed	1549	L1a&b L02	PSA
	5977		241	28/8/08	occ	1:50:05	02:02:05	NNO		cancelled by MPS	1550		
		1017											DOA
148	5978	1917	241	28/8/08	GRV	11:10:45	14:05:56	DSS-05	global	performed	1551	L1a&b L02	PSA
149	5979	1917	241	28/8/08	occ	15:21:43	15:43:43	DSS-65		performed	1552	L1a&b L02	PSA
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	0000	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	PSA
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?

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153	5987		244	31/8/08	GRV	2:10:18	03:46:57	NNO	global	performed	1556	L1a&b L02	PSA
									9.000				
										partially			
154	5993	1921	245	1/9/08	GRV	17:51:36	20:51:18	DSS-15	global	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
									9.000				
156	5995		246	2/9/08	000	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	PSA
										•			
158	6007	1925	249	5/9/08	GRV	18:04:27	20:41:03	DSS-15	global	performed	1561	L1a&b L02	PSA
159	6010	1926	250	6/9/08	GRV	14:13:33	15:59:50	DSS-65	global	performed	1562	L1a&b L02	PSA
400	0014	1007	054	7/0/00		47.50.40	00:05:57	D00.45	alahal	a cafe and cal	4500		DOA
160	6014	1927	251	7/9/08	GRV	17:59:19	20:35:57	DSS-15	global	performed	1563	L1a&b L02	PSA
161	6016		252	8/9/08	000	4:42:57	05:04:57	NNO		performed	1564	L1a&b L02	PSA
		DSN					stop time (UT)						
	orbit	tracking number	day of	dete	MoBS activity	start time (UT) planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume ID	processed?	arabised
	number	numper	year	date	MaRS activity	planneu/ actual	aciual	Station	ta yet, coordinates	cancelleu ?	Volume-ID	processed?	archived?
162	6018	1928	252	8/9/08	000	18:24:39	18:46:39	DSS-15		performed	1565	L1a&b L02	PSA
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163	6021	1929	253	9/9/08	GRV	17:54:11	20:30:53	DSS-15	global	performed	1566	L1a&b	L02	PSA
164	6025	1930	254	10/9/08	осс	18:20:24	18:42:24	DSS-15		performed	1567	L1a&b	L02	PSA
										•				
165	6029		256	12/9/08	GRV	1:23:00	03:16:28	NNO	global	performed	1568	L1a&b	L02	PSA
100	0029		200	12/9/06	GRV	1.23.00	03.10.20	ININO	giobai	periormed	1000	LIAOD	LU2	P3A
166	6032	1932	256	12/9/08	000	18:16:07	18:38:07	DSS-15		performed	1569	L1a&b	L02	PSA
										successfully				
167	6035	1933	257	13/9/08	GRV	17:43:49	20:20:33	DSS-15	global	performed	1570	L1a&b	L02	PSA
168	6036	1933	257	13/9/08	осс	21:39:31	22:01:31	DSS-15		performed	1571	L1a&b	L02	PSA
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	PSA
170			200	14/0/00	000	10.11.00	stop time			pononioa()			202	
	orbit	DSN 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?	archived?
171	6039	1934	258	14/9/08	GRV	20:43:29	23:38:40	DSS-15	global	performed	1574	L1a&b	L02	PSA
172	6043	1935	259	15/9/08	occ	21:35:13	21:57:13	DSS-15		performed	1575	L1a&b	L02	PSA
									·					

				Iviars E	xoress r	kadio Sciel		erime	nt - Science	Operation	S LOODOOK		
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	PSA
175	6049	1937	261	17/9/08	GRV	17:23:04	20:09:55	DSS-15	global	performed	1578	L1a&b L02	PSA
176			261	17/9/08	occ	21:30:55	21:52:55	NNO		cancelled by MPS	1579		
170	0030		201	1719/08		21.30.35	21.52.55	NINO		WF 3	1379		
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	PSA
							2010 1100		9.024	pononnou			
179	6057	1939	263	19/9/08	OCC	21:26:42	21:48:42 stop time	DSS-15		performed	1582	L1a&b L02	PSA
	orbit number	DSN 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?	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 MT	P56				
								of MT	P57				
	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

								CIIIIC	nt - Science	Oberation	S LOUDOOK		
181	6067	1942	266	22/9/08	GRV	20:43:58	23:39:05	DSS-15	global	performed	1584	L1a&b L02	PSA
182	6068		267	23/9/08	GRV	2:59:56	05:55:01	GST	global	partially performed	1585	L1a&b	
100	0074	40.40	0.07	00/0/00	000	04 40 00	04 40 00	D00.45		partially	4500		DOA
183	6071	1943	267	23/9/08	000	21:18:30	21:40:30	DSS-15		performed	1586	L1a&b	PSA
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
100		10.10	070	00/0/00						partially	4500		
186	6088	1948	272	28/9/08	GRV	20:27:22	23:22:32	DSS-15	global	performed	1589	L1a&b	
187	6095	1950	274	30/9/08	GRV	20:22:06	22:30:05	DSS-15	global	performed	1590	L1a&b L02	PSA
188	6097	1951	275	1/10/08	GRV	9:53:15	12:48:21	DSS-63	global	performed(-)	1591	L1a&b L02	PSA
189	6101	1952	276	2/10/08	GRV	14:08:11	16:33:21	DSS-65	global	performed(-)	1592	L1a&b L02	PSA
109			210	2/10/00		14.00.11	stop time	200-00	giobai	penonneu( ² )	1002		
	orbit	DSN 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	processed?	archived?
190	6103		277	3/10/08	GRV	2:22:48	05:17:56	NNO	global	performed	1593	L1a&b L02	PSA
								o: plannad t					

					ADIE55 I			СППС		Oberation	S LOUDOOK		
										partially			
191	6109	1954	278	4/10/08	GRV	20:11:25	23:06:32	DSS-15	global	performed	1594	L1a&b	
										partially			
192	6110		279	5/10/08	GRV	3:02:03	05:35:07	GST	global	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
										successfully			
194	6144		288	14/10/08	GRV	19:44:45	22:39:55	DSS-15	global	performed	1597	L1a&b L02	PSA
										successfully			
195	6158		292	18/10/08	GRV	19:33:59	22:29:05	DSS-15	global	performed	1598	L1a&b L02	PSA
										successfully			
196	6159		293	19/10/08	GRV	2:05:03	05:00:19	NNO	global	performed	1599	L1a&b L02	PSA
107				40/40/00			40.44.50	500.45		successfully	4000		
197	6161		293	19/10/08	GRV	17:08:11	19:11:50	DSS-15	global	performed	1600	L1a&b L02	PSA
198	6163		294	20/10/08	GRV	5:28:00	08:23:09	NNO	global	successfully performed	1601	L1a&b L02	PSA
190	0105		294	20/10/00	GRV	5.26.00				penomed	1001		FSA
							end	of MT	P57				
							start	of MT	P58				
							stop time						
	orbit	DSN 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	processed?	archived?
										successfully			
199	6173		297	23/10/08	GRV	2:25:37	04:54:52	NNO	global	performed	1602	L1a&b L02	PSA

										Oberation	S LOUDOOK		
000	0470		000	0.4/4.0/00		10.00.50	04 50 40	OOT		<b>5</b> - 11 - 1	1000		
200	6179		298	24/10/08	GRV	19:29:52	21:59:10	GST	global	failed	1603		
										successfully			
201	6180		299	25/10/08	GRV	2:38:10	04:49:51	NNO	global	performed	1604	L1a&b L02	PSA
										successfully			
202	6184		300	26/10/08	GRV	2:57:21	03:37:21	NNO	global	performed	1605	L1a&b L02	PSA
									<u> </u>				
										successfully			
203	6184		300	26/10/08	GRV	5:12:51	08:12:39	NNO	global	performed	1606	L1a&b L02	PSA
200				20/10/00	<b>UIT</b>	0.12.01	00.12.00		giobai	periornica	1000		
204	6186		300	20/10/00	GRV	10:20:52	04.54.00	D00 45	siehel	partially	4007	14-26	
204	0180		300	26/10/08	GRV	19:30:52	21:54:09	D35-15	global	performed	1607	L1a&b	
										successfully			
205	6187		301	27/10/08	GRV	2:15:39	04:44:48	NNO	global	performed	1608	L1a&b L02	PSA
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
							stop time						
		DSN				- 4	(UT)						
	orbit number	tracking number	day of year	date	MaRS activity	start time (UT) planned/ actual	planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
			,		<b>,</b>								
										successfully			
208	6198		304	30/10/08	GRV	2:47:33	03:27:33	NNO	global	performed	1611	L1a&b L02	PSA
200	0100		- 004	00/10/00		2.47.00	00.21.00		giobai	periornieu			
200	0400		204	20/40/02		F-00-00	00.114.00			successfully	1010		
209	6198		304	30/10/08	GRV	5:03:03	06:11:00	NNO	global	performed	1612	L1a&b L02	PSA

				IVIAIS E	XDI622 L	aulo Sciel		ennei	it - Science	Operation	S LOUDOOK		
210	6205		306	1/11/08	SCO	2:42:31	03:22:31	NNO		performed	1613	L1a&b L02	PSA
211	6205		306	1/11/08	SCO	4:58:01	06:55:52	NNO		performed	1614	L1a&b L02	PSA
										partially			
212	6207		306	1/11/08	SCO	19:03:52	21:39:04	GST		performed	1615	L1a&b	
213	6209		307	2/11/08	SCO	6:05:18	06:45:18	NNO		performed	1616	L1a&b L02	PSA
214	6209		307	2/11/08	SCO	8:20:48	10:17:51	NNO		cancelled by MPS	1617		
	0200		001	2/11/00		0.20.10	10.11.01				1011		
215	6212		308	3/11/08	SCO	2:37:28	03:17:28	NNO		performed	1618	L1a&b L02	PSA
216	6213		308	3/11/08	SCO	12:13:17	14:43:21	MAD		failed	1619		
		DSN					stop time (UT)						
	orbit	tracking	day of			start time (UT)	planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?	archived?
										cancelled by			
217	6220		310	5/11/08	SCO	11:38:27	14:38:14	MAD		MPS	1620		
218	6221		310	5/11/08	SCO	18:39:44	21:28:57	GST		partially	1621	L1a&b	
210	0221		510	-3/11/06	300	10.39.44	21.20.07	631		performed	1021		
										successfully			
219	6222		311	6/11/08	SCO	1:19:57	02:26:00	NNO		performed	1622	L1a&b L02	PSA

					VDIC22			CIIIIC	nt - Science	Operation	S LOUDOOK		
220	6226		312	7/11/08	SCO	5:05:08	06:28:00	NNO		successfully performed	1623	L1a&b L02	PSA
221	6230		313	8/11/08	SCO	5:50:06	06:30:06	NNO		successfully performed	1624	L1a&b L02	PSA
222	6230		313	8/11/08	SCO	8:05:36	10:13:43	NNO		performed	1625	L1a&b L02	PSA
223	6233		314	9/11/08	SCO	5:06:40	07:13:56	NNO		successfully performed	1626	L1a&b L02	PSA
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	
	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	PSA
229	6254		320	15/11/08	SCO	2:06:36	02:46:36	NNO		successfully performed	1632	L1a&b L02	PSA

#### SCO NNO L1a&b 230 6254 320 15/11/08 4:22:06 07:21:45 performed 1633 L02 **PSA** 231 6255 320 15/11/08 SCO 11:57:45 14:12:21 MAD 1634 failed successfully SCO performed PSA 232 6257 321 16/11/08 1:22:37 03:53:48 NNO L02 1635 L1a&b 233 6258 321 16/11/08 SCO 8:12:48 10:08:04 NNO performed 1636 L1a&b L02 **PSA** 234 6259 321 16/11/08 SCO 12:20:04 13:00:04 1637 MAD failed end of MTP58 start of MTP59 stop time DSN (UT) tracking start time (UT) planned/ ground performed? orbit day of number date MaRS activity planned/ actual actual station target; coordinates cancelled? Volume-ID archived? number year processed? successfully 235 6264 PSA 322 17/11/08 SCO 23:23:59 00:38:59 NNO performed 1638 L1a&b L02 successfully 236 performed 6271 324 19/11/08 SCO 23:15:06 00:40:06 NNO 1639 L1a&b L02 **PSA** successfully SCO 237 6272 325 20/11/08 9:50:44 13:30:44 **DSS-65** performed 1640 L1a&b L02 **PSA** successfully 6275 325 20/11/08 SCO 23:23:29 01:33:29 NNO L1a&b L02 PSA

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

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

performed

1641

238

#### successfully 239 6276 326 21/11/08 SCO 9:49:22 15:35:19 MAD performed 1642 L1a&b L02 **PSA** partially 240 SCO **PSA** 6278 326 21/11/08 23:21:07 01:36:07 NNO 1643 L02 performed L1a&b successfully 241 SCO PSA 6280 327 22/11/08 9:57:47 14:42:47 MAD performed L02 1644 L1a&b partially 242 6282 327 22/11/08 SCO 23:29:34 NNO L02 **PSA** 01:39:34 performed 1645 L1a&b successfully SCO performed 243 6283 328 23/11/08 9:45:26 15:31:21 MAD 1646 L1a&b L02 **PSA** stop time DSN (UT) orbit tracking day of start time (UT) planned/ ground performed? MaRS activity cancelled? archived? number date planned/ actual actual station target; coordinates Volume-ID processed? number year partially 244 6285 328 23/11/08 SCO 23:17:09 01:02:08 NNO performed 1647 L1a&b L02 **PSA** successfully **PSA** 245 6287 329 24/11/08 SCO 12:53:53 15:30:42 **DSS-63** performed 1648 L1a&b L02 246 6289 330 25/11/08 SCO 0:40:41 01:40:41 NNO 1649 L02 **PSA** performed L1a&b successfully 247 6291 330 25/11/08 SCO 14:20:21 15:27:21 **DSS-63** performed 1650 L1a&b L02 **PSA** 6292 330 25/11/08 SCO 23:14:08 00:43:08 NNO L1a&b L02 **PSA** 248 performed 1651

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

				Mars E	xpress F	Radio Scier	nce Exp	erimer	<u>nt - Science</u>	Operation	<u>s Loabook</u>		
249	6294		331	26/11/08	SCO	12:20:41	15:20:41	DSS-65		successfully performed	1652	L1a&b L02	PSA
250	6295		331	26/11/08	SCO	16:55:41	19:30:41	DSS-15		successfully performed	1653	L1a&b L02	PSA
251	6296		332	27/11/08	SCO	0:34:43	01:41:43	NNO		performed	1654	L1a&b L02	PSA
252	6298		332	27/11/08	SCO	15:30:41	21:35:40	DSS-15		partially performed	1655	L1a&b	internal
	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	PSA
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	PSA
256	6303		334	29/11/08	SCO	0:42:46	01:42:46	NNO		partially performed	1659	L1a&b L02	PSA
257	6304		334	29/11/08	SCO	11:33:38	14:14:30	DSS-63		performed(-)	1660	L1a&b L02	PSA
258	6305		334	29/11/08	SCO	16:59:30	17:59:30	DSS-15		performed(-)	1661	L1a&b L02	PSA

				Mars E	xpress F	Radio Scie	nce Exp	erimei	nt - Science	Operation	<mark>s Loabook</mark>		
259	6306		335	30/11/08	SCO	0:40:39	01:40:39	NNO		partially performed	1662	L1a&b L02	PSA
260	6308		335	30/11/08	SCO	11:30:39	14:40:39	DSS-65		performed(-)	1663	L1a&b L02	PSA
261	6310		335	30/11/08	SCO	23:13:49	04:08:48	NNO		performed	1664	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?
262	6311		336	1/12/08	SCO	11:39:44	15:20:36	DSS-63		successfully performed	1665	L1a&b L02	PSA
263	6313		336	1/12/08	SCO	23:06:34	01:57:24	NNO		partially performed	1666	L1a&b	internal
264	6317		337	2/12/08	SCO	22:59:54	00:24:54	NNO		performed	1667	L1a&b L02	internal
265	6318		338	3/12/08	SCO	11:40:37	14:50:37	DSS-65		partially performed	1668	L1a&b	internal
266	6320		338	3/12/08	SCO	23:05:41	00:42:41	NNO		performed	1669	L1a&b L02	internal
267	6322		339	4/12/08	SCO	11:30:36	15:10:36	DSS-65		performed(-)	1670	L1a&b	internal
268	6324		339	4/12/08	SCO	23:16:11	07:27:06	NNO		partially performed	1671	L1a&b L02	internal

					VDI 622 I			CITTCI	IL - Science	Oberation	S LOUDOOK		
										partially			
269	6326		340	5/12/08	SCO	17:00:35	19:05:35	DSS-15		performed	1672	L1a&b	internal
200	0020		040	0/12/00	000	17.00.00	10.00.00			periornica	1072	Liddo	internal
										partially			
270	6327		340	5/12/08	SCO	23:03:49	09:40:34	NNO		performed	1673	L1a&b L02	internal
							stop time						
		DSN					(UT)						
	orbit	tracking	day of			start time (UT)	planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?	archived?
										porticily			
074	6000		044	0/10/00	SCO	11.00.05	44.40.25			partially	4074		internel
271	6329		341	6/12/08	500	11:30:35	14:40:35	DSS-65		performed	1674	L1a&b	internal
										partially			
272	6331		342	7/12/08	SCO	0:02:23	07:23:15	NNO		performed	1675	L1a&b L02	internal
	0001				000	0.02.20	01120110			pononnou			
										partially			
273	6332		342	7/12/08	SCO	11:38:15	14:14:05	DSS-63		performed	1676	L1a&b	internal
										partially			
274	6334		342	7/12/08	SCO	22:59:56	07:20:45	NNO		performed	1677	L1a&b L02	PSA
275	6337		343	8/12/08	SCO	16:50:33	18:50:33	DSS-15		performed(-)	1678	L1a&b L02	PSA
215	0337		343	0/12/00	300	10.50.55	10.50.55	033-15		perionneu(-)	1070		F SA
276	6338		343	8/12/08	SCO	23:03:34	07:19:24	NNO		performed	1679	L1a&b L02	internal
277	6341		344	9/12/08	SCO	22:59:08	01:50:04	NNO		performed	1680	L1a&b L02	PSA
070	00.40		0.45	40/40/00		40.05.00	44.45.00				4004	14-95 100	<b>DO A</b>
278	6343		345	10/12/08	SCO	12:05:32	14:45:32	DSS-65		performed(-)	1681	L1a&b L02	PSA

							•			•	5			
														56.
279	6345		345	10/12/08	SCO	22:59:44	03:49:44	NNO		performed	1682	L1a&b	L02	PSA
		DSN					stop time (UT)							
	orbit	tracking	day of			start time (UT)	planned/	ground		performed?				
	number	number	year	date	MaRS activity		actual		target; coordinates	cancelled?	Volume-ID	proces	sed?	archived?
280	6347		346	11/12/08	SCO	12:50:31	15:05:31	DSS-65		performed(-)	1683	L1a&b	L02	PSA
281	6348		346	11/12/08	SCO	22:57:22	09:29:11	NNO		performed	1684	L1a&b	L02	PSA
282	6350		347	12/12/08	SCO	9:40:00	15:40:00	DSS-63		failed	1685			
202						0.10.00	10.10.00			lailoa				
283	6352		347	12/12/08	SCO	23:00:52	07:11:41	NNO		performed	1686	L1a&b	L02	PSA
203	0352		547	12/12/00	300	23.00.52	07.11.41			penonneu	1000		L02	FSA
204	0054		240	42/42/00	860	40,50,00	22.50.20				4007	14086	1.00	
284	6354		348	13/12/08	SCO	16:50:29	22:50:29	DSS-15		performed(-)	1687	L1a&b	L02	PSA
										partially				
285	6356		349	14/12/08	SCO	3:14:30	09:35:21	NNO		performed	1688	L1a&b	L02	PSA
										successfully				
286	6357		349	14/12/08	SCO	11:35:20	14:55:20	DSS-63		performed	1689	L1a&b	L02	PSA
287	6359		349	14/12/08	SCO	22:57:04	07:07:59	NNO		performed	1690	L1a&b	L02	PSA
288	6361		350	15/12/08	SCO	13:05:28	15:05:27	DSS-65		performed(-)	1691	L1a&b	L02	PSA
										· · · · · · · · · · · · · · · · · · ·				

	orbit	DSN tracking	day of		-	start time (UT)	stop time (UT) planned/	ground	nt - Science	performed?	-			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	cancelled?	Volume-ID	processed?	archived?	
										cancelled by				
289	6362		350	15/12/08	SCO	22:49:46	09:31:30	NNO		MPS	1693			
000	6000		050	47/40/00		0.40.47	07.04.44			successfully	1004		DOA	
290	6366		352	17/12/08	SCO	0:18:17	07:04:14	NNO		performed	1694	L1a&b L02	PSA	
291	6368		352	17/12/08	SCO	13:00:26	15:05:26	DSS-65		performed(-)	1696	L1a&b L02	PSA	
										successfully				
292	6369		352	17/12/08	SCO	22:45:56	01:36:47	NNO		performed	1697	L1a&b L02	PSA	
293	6371		353	18/12/08	SCO	12:00:25	14:55:25	DSS-65		performed(-)	1698	L1a&b L02	PSA	
										()				
	successfully													
294	6373		353	18/12/08	SCO	22:49:26	07:00:23	NNO		performed	1699	L1a&b L02	PSA	
										<b>6</b> H				
295	6376		354	19/12/08	SCO	19:35:24	21:20:24	DSS-15		successfully performed	1700	L1a&b L02	PSA	
							stop time							
	orbit	DSN tracking	day of			start time (UT)	(UT) planned/	ground		performed?				
	number	number	year	date	MaRS activity	planned/ actual	actual		target; coordinates	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	PSA	
290	0070			13/12/00		20.02.00			D50	penonned				
								of MT						
							start	of MT	P60					

					vhiess L			ennei	nt - Science	Operation	S LUYDUUK		
	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	PSA
231	0300			21/12/00	300	5.40.57	00.40.32			periornieu	1702		FGA
298	6382		356	21/12/08	SCO	11:38:32	14:01:21	DSS-65		performed(-)	1703	L1a&b L02	PSA
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	PSA
	0001			22/12/00		1.11.01	00.01.00			ponormou	1100		
004	0005		0.5-7	00/40/00		11.10.00	44 55 00	D00.05		partially	4700		
301	6385		357	22/12/08	SCO	11:10:03	14:55:32	DSS-65		performed	1706	L1a&b	internal
302	6390		358	23/12/08	SCO	23:46:21	03:32:14	NNO		performed	1707	L1a&b L02	PSA
										partially			
303	6392		359	24/12/08	sco	13:28:11	14:59:01	MAD		performed	1708	L1a&b	internal
304	6394		359	24/12/08	SCO	22:44:53	00:15:53	NNO		performed	1709	L1a&b L02	PSA
	000-		000	24/12/00		22.44.00	00.10.00			penonneu	1703		- I OA
205	6204		260	25/12/02	SCO	2.26.52	06.50.40	NNO		partially	1710	11086 100	DCA
305	6394		360	25/12/08	300	3:26:53	06:59:42	NNU		performed	1710	L1a&b L02	PSA
		DSN					stop time (UT)						
	orbit	tracking	day of			start time (UT)	planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	station	target; coordinates	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

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306	6396		360	25/12/08	SCO	11:33:42	13:58:34	MAD		failed	1711			
														501
307	6397		360	25/12/08	SCO	23:43:31	03:36:23	NNO		performed	1712	L1a&b	L02	PSA
308	6398		361	26/12/08	sco	6:34:22	09:32:17	NNO		performed	1713	L1a&b	L02	PSA
309	6401		361	26/12/08	SCO	22:43:00	00:09:00	NNO		performed	1714	L1a&b	L02	PSA
310	6401		362	27/12/08	SCO	4:09:00	06:56:50	NNO		performed	1715	L1a&b	L02	PSA
010	0.01		002	21712/00						ponomica				
										successfully				
311	6403		362	27/12/08	SCO	11:33:50	14:54:46	DSS-65		performed	1716	L1a&b	L02	PSA
312	6404		362	27/12/08	SCO	23:55:39	03:36:28	NNO		performed	1717	L1a&b	L02	PSA
012	0101		002	21/12/00		20.00.00	00.00.20			penomica			202	1.0/1
313	6405		363	28/12/08	SCO	7:39:28	09:30:20	NNO		performed	1718	L1a&b	L02	PSA
314	6406		363	28/12/08	SCO	10:58:20	14:54:08	DSS-65		successfully performed	1719	L1a&b	L02	PSA
514	0400		000	20/12/00		10.00.20	stop time	200-00		penonnea	1710			I OA
	orbit	DSN tracking	day of			start time (UT)	(UT) planned/	ground		performed?				
	number	number	year	date	MaRS activity	planned/ actual	actual		target; coordinates	cancelled?	Volume-ID	proces	sed?	archived?
245	6400		202	20/12/02	800	22:44:05	00.00.05			norform od	1700	11-24	1.02	
315	6408		363	28/12/08	SCO	22:41:05	00:09:05	NNO		performed	1720	L1a&b	L02	PSA

316	6410	36	64	29/12/08	SCO	11:34:53	13:45:53	MAD		failed	1721			
317	6410	36	64	29/12/08	SCO	17:04:53	20:41:43	DSS-15		successfully performed	1722	L1a&b L02	PSA	
318	318         6411         364         29/12/08         SCO         23:51:43         01:13:34         NNO         performed         1723         L1a&b         L02         PSA													
319	6414	36	35	30/12/08	SCO	19:52:15	22:44:11	GST		partially performed	1724	L1a&b	internal	
320	320         6417         366         31/12/08         SCO         11:26:02         13:19:58         DSS-63         performed         1724         L1a&b         L02         PSA													
321	6417	36	66	31/12/08	SCO	17:04:58	20:37:47	GST		failed	1726			
						MTP60(pre	equel to	MaRS	-ops_logbo	ok 09)				