						seque	l to MaF	RS op:	s logbook 1	12			
		DSN				ooquo	stop time (UT)	<u></u>					
	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?
	Humber	Humber	you	date	marco activity	piumeur uctuur	uctuui	Station	target, coordinates	cancenear	Voidino-ID	processeur	urcinvear
1	11458/1 1459		002	2/1/13	GRV	9:00:46	10:45:48	NNO	global	successfully performed	3468	L1a&b L02	
'	1459		002	2/1/13	GRV	9.00.46	10.45.46	ININO	giobai	periorneu	3400	LIAQU LUZ	
	44464		000	2/4/42	CDV	0.57.27	02.47.00	NNO	alah al	successfully	2474	14-05 100	
2	11461		003	3/1/13	GRV	0:57:37	03:17:00	NNO	global	performed	3471	L1a&b L02	
				0/4/40	051/	0.50.00	40.47.00			successfully	0.470		
3	11462		003	3/1/13	GRV	8:53:22	10:47:39	NNO	global	performed	3472	L1a&b L02	
	11467/1									successfully			
4	1468		005	5/1/13	GRV	0:57:14	03:19:55	NNO	global	performed	3473	L1a&b L02	
	11468/1									successfully			
5	1469		005	5/1/13	GRV	8:08:27	10:55:14	NNO	global	performed	3474	L1a&b L02	
							start	of MTF	113				
										successfully			
6	11475		007	7/1/13	GRV	8:14:30	11:01:13	NNO	global	performed	3493	L1a&b L02	
										successfully			
7	11482		009	9/1/13	GRV	8:20:16	10:59:13	NNO	global	performed	3494	L1a&b L02	
										successfully			
8	11489		011	11/1/13	GRV	9:02:56	11:09:13	NNO	global	performed	3495	L1a&b L02	
										successfully			
9	11492		012	12/1/13	GRV	8:28:19	10:32:58	NNO	global	performed	3496	L1a&b L02	
										successfully			
10	11499		014	14/1/13	GRV	8:33:14	11:19:41	NNO	global	performed	3497	L1a&b L02	
										au acceptully			
11	11506		016	16/1/13	GRV	8:37:49	11:24:12	NNO	global	successfully performed	3498	L1a&b L02	
12	11513		018	18/1/13	GRV	9:03:06	11:25:05	NNO	global	successfully performed	3499	L1a&b L02	
13	11516		019	19/1/13	GRV	8:37:25	10:53:34	NNO	global	successfully performed	3500	L1a&b L02	
14	11520		020	20/1/13	GRV	9:42:31	11:22:15	NNO	global	successfully performed	3492	L1a&b L02	
15	11523		021	21/1/13	GRV	8:47:32	11:10:17	NNO	global	successfully performed	3501	L1a&b L02	
		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?
16	11530		023	23/1/13	GRV	8:31:46	11:17:53	NNO	global	successfully performed	3502	L1a&b L02	
17	11537		025	25/1/13	GRV	9:01:54	11:14:55	NNO	global	successfully performed	3503	L1a&b L02	
18	11540		026	26/1/13	GRV	8:27:24	10:01:12	NNO	global	successfully performed	3504	L1a&b L02	
10	1.540		020	23.1713	5.17	V.EET	10.01.12		g.obui	pononnou	3304	2.000 E02	
19	11544		027	27/1/13	GRV	9:26:38	11:11:54	NNO	global	successfully performed	3505	L1a&b L02	
10	11044		UE1	21/1/13	O. CV	0.20.00	11.11.04	14.40	giobai	portornicu	0000	LIGOD LUZ	
20	11547		028	28/1/13	CDV/	0.00.00	10.50.00	NINO	glot el	successfully	2500	1.108h 1.00	
20	11547		028	25/1/13	GRV	9:09:02	10:56:33	NNO	global	performed	3506	L1a&b L02	
0.4	44554		000	20/4/40	OD) (0.44-00	44.07.47	NINIO	alah d	successfully	0507	14-05 100	
21	11554		030	30/1/13	GRV	9:14:06	11:07:17	NNO	global	performed	3507	L1a&b L02	
	4455		05-	4/0	05:::	0.46	40 == ==			successfully	0.5		
22	11561		032	1/2/13	GRV	9:18:10	10:50:55	NNO	global	performed	3508	L1a&b L02	

23	11564		033	2/2/13	GRV	8:16:49	10:08:04	NNO	global	successfully performed	3509	L1a&b L02	
								2					
24	11568		034	3/2/13	GRV	9:11:18	11:00:58	of MTP	global	performed	3475	L1a&b L02	
							ena	71 141 1 1	113				
25	11571/1 1572		035	4/2/13	GRV	8:13:40	10:41:02	NNO	global	successfully performed	3510	L1a&b L02	
26	11585/1 1586		039	8/2/13	GRV	8:07:16	10:52:49	NNO	global	successfully performed	3511	L1a&b L02	
27	11592		041	10/2/13	GRV	9:15:23	10:49:29	NNO	global	successfully performed	3512	L1a&b L02	
28	11596		042	11/2/13	GRV	8:59:31	10:47:49	NNO	global	successfully performed	3513	L1a&b L02	
									great	politica			
29	11602/1 1603		044	13/2/13	GRV	8:54:36	10:44:26	NNO	global	successfully performed	3514	L1a&b L02	
30	11609/1 1610		046	15/2/13	GRV	8:48:40	10:21:45	NNO	global	successfully performed	3515	L1a&b L02	
31	11619/1 1620		049	18/2/13	GRV	7:50:37	10:35:48	NNO	global	successfully performed	3516	L1a&b L02	
32	11622/1 1623		050	19/2/13	GRV	4:14:46	06:59:57	NNO	global	successfully performed	3517	L1a&b L02	
33	11626/1 1627		051	20/2/13	GRV	7:56:05	10:32:18	NNO	global	successfully performed	3518	L1a&b L02	
34	11633/1 1634		053	22/2/13	GRV	7:43:42	10:28:45	NNO	global	successfully performed	3519	L1a&b L02	
35	11637		054	23/2/13	GRV	7:41:57	09:20:13	NNO	global	successfully performed	3520	L1a&b L02	
36	11640		055	24/2/13	GRV	8:24:06	10:25:11	NNO	global	successfully performed	3521	L1a&b L02	
37	11644		056	25/2/13	GRV	7:38:26	09:45:52	NNO	global	successfully performed	3528	L1a&b L02	
38	11650/1 1651		058	27/2/13	GRV	7:34:53	10:19:47	NNO	global	successfully performed	3529	L1a&b L02	
39	11657/1 1658		060	1/3/13	GRV	7:31:18	10:06:13	NNO	global	successfully performed	3530	L1a&b L02	
40	11664		062	3/3/13	GRV	8:26:20	10:12:28	NNO	global	successfully performed	3531	L1a&b L02	
								of MTF	P 115				
	orbit number	DSN tracking number	day of year	date	MaRS activity	start time (UT)	stop time (UT) planned/ actual	ground	target; coordinates	performed?	Volume-ID	processed?	archived?
			you	Juice	to dollvity	pranticur detudi	Lotual	Cauton	got, coordinates	ou.iceiieu i	Juniori	p. 300336u :	a. Silivou :
41	11667/1 1668		063	4/3/13	SCO	7:25:54	09:33:01	NNO	global	partially performed	3476	L1a&b L02	
42	11670/1 1671		064	5/3/13	SCO	4:20:14	06:14:51	NNO	global	partially performed	3477	L1a&b L02	
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	
	11698/1									partially			
48	1699		072	13/3/13	SCO	7:09:26	09:53:53	NNO	global	performed	3481	L1a&b L02	
49	11705		074	15/3/13	SCO	7:05:45	09:00:12	NNO	global	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			
		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?
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	
54	11716		077	18/3/13	SCO	7:00:08	09:24:50	NNO	global	successfully performed	3486	L1a&b L02	
55	11722/1 1723		079	20/3/13	SCO	6:56:25	09:40:40	NNO	global	successfully performed	3487	L1a&b L02	
56	11736		083	24/3/13	SCO	7:52:29	09:33:05	NNO	global	successfully performed	3532	L1a&b L02	
57	11739/1 1740		084	25/3/13	SCO	6:47:02	08:55:42	NNO	global	successfully performed	3488	L1a&b L02	
	11746/1									successfully			
58	1747		086	27/3/13	SCO	6:43:17	09:27:20	NNO	global	performed	3489	L1a&b L02	
59	11753/1 1754		088	29/3/13	SCO	6:39:32	09:23:31	NNO	global	partially performed	3490	L1a&b L02	
60	11757		089	30/3/13	SCO	6:22:37	08:11:55	NNO	global	partially performed	3491	L1a&b L02	
61	11760		090	31/3/13	SCO	6:56:05	09:34:42	NNO	global	performed	3522	L1a&b L02	
								of MTP					
							start stop time	of MTF	116				
	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?
62	11763/1 1764		091	1/4/13	SCO	6:18:52	09:06:46	NNO	global	performed	3533	L1a&b L02	
63	11767		092	2/4/13	SCO	7:51:22	09:30:52	NNO	global	performed	3534	L1a&b L02	
	11777/1		0.5-		0.5						05		
64	1778		095	5/4/13	SCO	6:11:20	09:25:09	NNO	global	performed	3535	L1a&b L02	
65	11781		096	6/4/13	SCO	6:09:28	07:54:34	NNO	global	performed	3536	L1a&b L02	
66			096	6/4/13	SCO	23:40:29	01:25:54	DSS-14		unknown	3537		
67	11784		097	7/4/13	SCO	6:39:53	09:21:21	NNO	global	performed	3538	L1a&b L02	

68			098	8/4/13	SCO	14:20:14	15:49:00	DSS-63		unknown	3539		
										partially			
69	11791		099	9/4/13	SCO	7:35:07	09:17:33	NNO	global	performed	3540	L1a&b L02	
70			099	9/4/13	sco	14:50:15	17:59:57	DSS-63		unknown	3541		
71			100	10/4/13	sco	15:15:17	16:44:13	DSS-14		unknown	3542		
72			101	11/4/13	sco	16:05:18	17:59:57	DSS-63		unknown	3543		
		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?
	number	number	yeai	uate	warto activity	piainieu/ actuai	actual	Station	target, coordinates	canceneu:	Voidille-ID	processeur	archiveu:
			400	40/4/40	200	40.07.05					0.7.4		
73			102	12/4/13	SCO	12:27:35	15:34:57	DSS-63		unknown	3544		
										partially			
74	11805		103	13/4/13	SCO	5:56:22	07:38:07	NNO	global	performed	3545	L1a&b L02	
75			103	13/4/13	SCO	10:05:21	13:21:17	DSS-63		unknown	3546		
76			103	13/4/13	sco	16:24:48	17:54:57	DSS-63		unknown	3547		
77			104	14/4/13	sco	13:22:49	17:18:33	DSS-63		unknown	3548		
78	11812		105	15/4/13	SCO	5:52:38	08:33:25	NNO	global	partially performed	3549	L1a&b L02	
. 0	11012		100	10, 11, 10		0.02.00	00.00.20	11110	giodai	ponomou	55.15	2.000 202	
70			405	45/4/40	000	47.00.00	04.45.44	DCC 44			2550		
79			105	15/4/13	SCO	17:20:00	21:15:44	DSS-14		unknown	3550		
	11818/1									partially			
80	1819		107	17/4/13	SCO	5:48:57	08:58:17	NNO	global	performed	3551	L1a&b L02	
81			107	17/4/13	SCO	15:00:26	16:28:06	DSS-14		unknown	3552		
82			107	17/4/13	SCO	18:15:12	20:09:59 stop time	DSS-14		unknown	3553		
	orbit	DSN tracking	day of			start time (UT)	(UT) planned/	ground		performed?			
	number	number	year	date	MaRS activity	planned/ actual	actual	ground station	target; coordinates	cancelled?	Volume-ID	processed?	archived?
83			108	18/4/13	sco	15:50:28	17:44:57	DSS-63		unknown	3554		
84	11825/1 1826		109	19/4/13	SCO	5:45:14	08:58:43	NNO	global	partially performed	3555	L1a&b L02	
85			109	19/4/13	sco	14:55:29	17:23:30	DSS-14		unknown	3556		
55			100	. 5/4/10	303		20.00	230-14		G. MIOWII			
96			100	19/4/13	800	10:10:22	20:53:31	DSS-14		unknown	3557		
86			109	19/4/13	SCO	19:10:23	20.55.51	D33-14		unknown	3557		
87			109	19/4/13	SCO	22:29:47	00:22:53	DSS-14		unknown	3558		
88			110	20/4/13	SCO	9:50:30	13:04:44	DSS-63		unknown	3669		
	11832/1												
89	11833		111	21/4/13	SCO	6:07:01	08:55:00	NNO	global	performed	3560	L1a&b L02	
90			111	21/4/13	sco	13:06:18	15:34:57	DSS-63		unknown	3561		

91	11836		112	22/4/13	sco	5:39:44	08:17:37	NNO	global	performed	3570	L1a&b L02	
92			112	22/4/13	SCO	13:23:13	15:17:04	DSS-63		unknown	3562		
02				220	000	10.20.10	10.17.01	200 00		a.m.noviii			
00			440	00/4/40	000	0.45.00	40:45:05	D00.00					
93			113	23/4/13	SCO	9:45:32	12:15:05 stop time	DSS-63		unknown	3563		
	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?
94			113	23/4/13	sco	14:01:29	17:29:57	DSS-63		unknown	3571		
95	11842/1 1843		114	24/4/13	sco	5:36:04	08:45:16	NNO	global	partially performed	3572	L1a&b L02	
									g	pontani			
00	11845/1		445	05/4/40	000	0.44.04	00:44:40	NINIO	alabal	partially	2572	14-85 100	
96	1846		115	25/4/13	SCO	3:11:34	06:11:16	NNO	global	performed	3573	L1a&b L02	
97			115	25/4/13	SCO	16:30:36	19:35:46	DSS-14		unknown	3564		
98			116	26/4/13	sco	11:54:30	15:39:57	DSS-63		unknown	3565		
										portic!!			
99	11853		117	27/4/13	sco	5:30:38	07:06:46	NNO	global	partially performed	3574	L1a&b L02	
100			117	27/4/13	SCO	9:35:38	12:48:15	DSS-63		unknown	3566		
100				2114110	000	0.00.00	12.40.10	D00 00		dilitiowii	0000		
404						0.05.00							
101			118	28/4/13	SCO	9:35:38	11:04:07	DSS-63		unknown	3567		
102			118	28/4/13	SCO	12:49:39	15:39:57	DSS-63		unknown	3568		
103	11860		119	29/4/13	sco	5:27:01	08:02:18	NNO	global	performed(-)	3575	L1a&b L02	
104			119	29/4/13	sco	20:50:40	22:00:58	DSS-14		unknown	3569		
405	44000		400	00/4/40	000	0.45.04	00.00.00	NINIO	alah al		0570	14-05 100	
105	11863		120	30/4/13	SCO	6:45:31	08:38:30	NNO	global	performed	3576	L1a&b L02	
	11866/1												
106	1867		121	1/5/13	SCO	5:23:26	08:32:30	NNO	global	performed	3577	L1a&b L02	
								of MTP					
							start stop time	of MTF	117 י				
	orbit	DSN tracking	day of			start time (UT)	(UT) planned/	ground		performed?			
107		number	year	date	MaRS activity	planned/ actual	actual		target; coordinates	cancelled?	Volume-ID	processed?	archived?
108	11880		125	5/5/13	sco	5:48:44	08:14:33	NNO	global	successfully performed	3523	L1a&b L02	
109	11004		132	12/5/13	800	6:31:30	08:02:20	NNO	alobal	successfully	3524	L1a&b L02	
109	11904		132	12/3/13	SCO	6:31:30	06.02:20	ININU	global	performed	3524	LIAQU LUZ	
						_				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	
										successfully.			
112	11928		139	19/5/13	sco	5:48:34	07:50:34	NNO	global	successfully performed	3527	L1a&b L02	
113	11951/1 1952		146	26/5/13	sco	0:21:58	02:32:03	NNO	global	successfully performed	3578	L1a&b L02	
113	1002		1+0	20/3/13	000	0.21.00	02.02.03	IVIVO	giobai	perioritieu	3370	LIAGO LUZ	

114	11956	147	27/5/13	SCO	4:54:41	06:32:21	NNO	global	partially performed	3579	L1a&b L02	
115	11963	149	29/5/13	SCO	4:51:34	07:27:25	NNO	global	partially performed	3580	L1a&b L02	
116	11965/1 1966	150	30/5/13	SCO	0:17:00	02:36:52	NNO	global	partially performed	3581	L1a&b L02	
117	11969/1 1970	151	31/5/13	SCO	4:48:29	07:31:28	NNO	global	partially performed	3582	L1a&b L02	
						end o	of MTP	117				
						start	of MTF	118				
						Juit	01 10111	110				
118	11976/1 1977	153	2/6/13	GRV	5:31:41	07:28:25	NNO	global	successfully performed	3583	L1a&b L02	
119	11983	 155	4/6/13	GRV	5:36:50	07:19:59	NNO	global	successfully performed	3584	L1a&b L02	
120	12004	161	10/6/13	GRV	4:23:09	06:06:57	NNO	global	successfully performed	3585	L1a&b L02	
121	12007	162	11/6/13	GRV	0:11:04	02:55:10	NNO	global	successfully performed	3586	L1a&b L02	
122	12013/1 2014	164	13/6/13	GRV	0:17:00	02:59:29	NNO	global	successfully performed	3587	L1a&b L02	
123	12017/1 2018	165	14/6/13	GRV	4:13:22	07:11:17	NNO	global	partially performed	3588	L1a&b L02	
124	12020/1 2021	166	15/6/13	GRV	0:16:58	03:03:55	NNO	global	partially performed	3589	L1a&b L02	
125	12024/1 2025	167	16/6/13	GRV	4:08:44	07:08:34	NNO	global	partially performed	3590	L1a&b L02	
	12031/1								successfully			
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	
128		176	25/6/13	GRV	0:20:42	02:23:52	NNO	global	successfully performed	3593	L1a&b L02	
129		178	27/6/13	GRV	0:24:35	02:28:48	NNO	global	successfully performed	3594	L1a&b L02	
130		179	28/6/13	GRV	3:44:18	05:53:28	NNO	global	successfully performed	3595	L1a&b L02	
						end o	of MTP	118				
						start	of MTF	119				
131		182	1/7/13	GRV	0:54:57	03:09:18	NNO	global	successfully performed	3596	L1a&b L02	
132		184	3/7/13	GRV	0:55:22	03:08:18	NNO	global	successfully performed	3597	L1a&b L02	
133		185	4/7/13	GRV	7:00:44	09:14:57	DSS-65		unknown	3598		
134		191	10/7/13	GRV	23:52:04	02:41:18	NNO	global	successfully performed	3599	L1a&b L02	
135		193	12/7/13	GRV	23:48:01	03:02:44	NNO	global	successfully performed	3600	L1a&b L02	
						end o	of MTP	119				
							of MTF					
						Sidil	OI WIT	120				

136		262	19/9/13	GRV	22:01:18	00:31:54	NNO	global	successfully performed	3601	L1a&b	
137		265	22/9/13	GRV	23:57:18	1:39:16	NNO	global	successfully performed	3602	L1a&b	
107		200	22/3/13	OITV	20.07.10	1.55.10	IVIVO	giobai	perioritied	3002	Liado	
									successfully			
138		268	25/9/13	GRV	21:48:39	23:23:36	NNO	global	performed	3603	L1a&b	
139		277	4/10/13	GRV	22:53:08	1:17:45	NNO	global	unknown	3604		
140	12586	330	26/11/13	occ	23:35:55	23:43:17	NNO	global	unknown	3605		
444	12593	333	29/11/13	000	0:26:36	00:34:07	NNO	alabal		2000		
141	12593	333	29/11/13	OCC	0.20.30	00:34:07	ININO	global	unknown	3606		
142	12604	335	1/12/13	OCC	22:15:28	22:23:12	NNO	global	unknown	3607		
143	12608	337	3/12/13	occ	2:11:34	02:19:24	NNO	global	unknown	3608		
144	12610	337	3/12/13	occ	23:08:35	23:16:29	NNO	global	unknown	3609		
								3				
4.45	10015	000	54040	000	0.04.50	00.40.50	NNIO	-l-b-l	tor	2010		
145	12615	339	5/12/13	OCC	3:04:59	03:12:58	NNO	global	unknown	3610		
146	12617	340	6/12/13	OCC	0:02:06	00:10:09	NNO	global	unknown	3611		
147	12621	340	6/12/13	OCC	20:59:33	21:07:40	NNO	global	unknown	3612		
	T											
148	12624	342	8/12/13	occ	0:55:54	01:04:07	NNO	global	unknown	3613		
140	.202-1	J //L	52/10	230	0.00.04	51.54.01		giobai	C.II.C.IOWII	2310		
149	12628	342	8/12/13	OCC	21:53:31	22:01:48	NNO	global	unknown	3614		