

Venus Express Radio Science Experiment - Science Operations Logbook

Commissioning 2005													
	orbit or pass number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
1	N/A		344	10/12/05	TVT	01:20:00	08:00:00	NNO		performed	0001		
2	N/A		345	11/12/05	UCT	01:15:00	08:00:00	NNO		performed	0002		
Commissioning 2006													
	Pass number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
3	60		007	7/1/06	UDT	03:30:00	06:05:00	NNO		performed	0003		
4	92		039	8/2/06	UDT	02:18:55	04:55:00	NNO		performed	0004		
5	120		067	8/3/06	UDT	01:30:16	04:10:00	NNO		performed	0005		
Commissioning 2006 after orbit insertion													
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
6	9		120/ 121	30/4/06	UCT 3	20:34:00	03:35:00	NNO		performed	0006		
7	14		125	5/5/06	UCT 4	20:41:00	04:20:00	NNO		performed	0007		

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8	15		126	6/5/06	TVT-2	20:42:00	04:20:00	NNO		performed	0008		
9	16		127	7/5/06	TVT-3	20:44:00	04:22:00	NNO		performed	0009		
10	32		143	23/5/06	BSR Comm			DSN		performed	0010		
11	37		148	28/5/06	GRV Comm	00:55:00	02:10:00	NNO		performed	0011		
12	49		160	9/6/06	OCC Comm	01:24:00	02:13:00	NNO		performed	0012		
BSR													
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
13	55		166	15/6/06	BSR			DSN-43		performed	0013		
14	57		168	17/6/06	BSR			DSN-43		performed	0014		
15	59		170	19/6/06	BSR			DSN-43		performed	0015		
OCC 1													
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16	81		192	11/7/06	OCC			NNO		performed (-)	0016	L1a &1b &L2	
17	84		195	14/7/06	OCC	01:20:30	01:47:10	NNO		performed	0017	L1a &1b L2	
18	85		196	15/7/06	OCC	01:18:49 01:30:00	01:48:49 02:03:00	NNO		performed	0018	L1a &1b L2	
19	87		198	17/7/06	OCC	01:15:50	01:49:30	NNO		performed (-)	0019	L1a &1b	
20	89		200	19/7/06	OCC	01:13:09	01:50:39	NNO		successfully performed	0020	L1a &1b L2	
21	91		202	21/7/06	OCC	01:11:00	01:51:50	NNO		successfully performed	0021	L1a &1b L2	
22	93		204	23/7/06	OCC	01:09:09	01:52:59	NNO		successfully performed	0022	L1a &1b L2	
23	99		210	29/7/06	OCC	01:06:10	01:55:50	NNO		performed	0023		
24	101		212	31/7/06	OCC	01:05:49	01:56:39	NNO		performed	0024	L1a &1b L2	
25	105		216	4/8/06	OCC	01:06:29	01:58:19	NNO		performed	0025	L1a &1b	
	Orbit number	DSN tracking number	day of year	date	VeRa 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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26	107		218	6/8/06	OCC	01:07:29	01:58:59	NNO		successfully performed	0026	L1a &1b	L2	
27	109		220	8/8/06	OCC	01:08:49	01:59:49	NNO		successfully performed	0027	L1a &1b	L2	
28	112		223	11/8/06	OCC	01:11:39	02:00:49	NNO		successfully performed	0028	L1a &1b	L2	PSA
29	115		226	14/8/06	OCC	01:18:03	02:43:09	NNO		performed	0029	L1a &1b	L2	PSA
30	117		228	16/8/06	OCC	01:18:02	02:43:00	NNO		successfully performed	0030	L1a &1b	L2	PSA
31	120		231	19/8/06	OCC	01:33:02	02:44:59	NNO		successfully performed	0031	L1a &1b	L2	PSA
32	122		233	21/8/06	OCC	01:53:00	03:00:00	NNO		successfully performed	0032	L1a &1b	L2	PSA
33	123		234	22/8/06	OCC	01:56:00	03:05:00	NNO		successfully performed	0033	L1a &1b	L2	PSA
34	126		237	25/8/06	OCC			NNO		unknown	0034			
35	128		239	27/8/06	OCC	02:22:00	03:31:00	NNO		performed	0035	L1a &1b	L2	PSA
36	131		242	30/8/06	OCC			NNO		unknown	0036			
GRV 1														

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	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
37	134		245	2/9/06	GRV			NNO		cancelled	0037		
38	135		246	3/9/06	GRV			NNO		failed	0038		
39	140		251	8/9/06	GRV	03:12:00	04:02:00	NNO	Atalanta Planitia Coronae	successfully performed	0039	L1a & 1b L2	PSA
40	142		253	10/9/06	GRV	03:23:00	04:07:00	NNO	Atalanta Planitia Coronae	successfully performed	0040	L1a & 1b L2	PSA
SCO													
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
41	171	344	281	8/10/06	SCO	21:46:00 22:28:00	01:44:00 01:35:00	DSS-43		performed	0041	L1a & 1b L2	
42	173	346	283	10/10/06	SCO	21:43:00 22:23:01	01:49:00 01:44:00	DSS-43		performed	0042	L1a & 1b L2	
43	175	348	285	12/10/06	SCO	21:41:00 21:03:00	01:54:00 23:59:00	DSS-43		performed	0043	L1a & 1b L2	
44	177	350	287	14/10/06	SCO	21:39:00 22:20:01	01:59:00 01:54:00	DSS-43		performed	0044	L1a & 1b L2	
45	179		289	16/10/06	SCO	18:36:00	02:04:00	DSS-43 or DSS-14		cancelled	0045		

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46	180	353	290	17/10/06	SCO	20:37:00 21:10:01	00:58:00 00:30:00	DSS-43		performed	0046	L1a &1b L2	
47	181	354	291	18/10/06	SCO	18:34:00 21:00:01	02:09:00 00:30:00	DSS-43		performed	0047	L1a &1b L2	
48	182	355	292	19/10/06	SCO	18:33:00 21:00:01	02:12:00 00:30:00	DSS-43		performed	0048	L1a &1b L2	
49	183	356	293	20/10/06	SCO	18:32:00 21:00:01	02:14:00 00:30:00	DSS-43		partially performed	0049	L1a &1b	
50	184	357	294	21/10/06	SCO	18:31:00 21:00:01	02:16:00 00:30:00	DSS-43		performed	0050	L1a &1b L2	
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
51	185	358	295	22/10/06	SCO	18:29:00 21:00:01	02:19:00 00:30:00	DSS-43		performed	0051	L1a &1b L2	
52	186		296	23/10/06	SCO	18:28:00	02:21:00	DSS-43 or DSS- 14		cancelled	0052		
53	187	360	297	24/10/06	SCO	21:06:00 21:40:01	01:27:58 01:00:00	DSS-43		partially performed	0053	L1a &1b	
54	188	361	298	25/10/06	SCO	20:07:00 20:39:01	00:28:01 00:00:00	DSS-43		partially performed	0054	L1a &1b	
55	193		303	30/10/06	SCO	18:21:00	02:39:00	DSS-43 or DSS- 14		cancelled	0055		

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56	194	367	304	31/10/06	SCO	20:07:00 20:39:01	00:28:01 00:00:00	DSS-43		performed	0056	L1a &1b	L2
57	195		305	1/11/06	SCO	20:07:00	00:28:01	DSS-43 or DSS-14		cancelled	0057		
58	196	369	306	2/11/06	SCO	20:07:00 20:38:37	00:28:02 23:59:36	DSS-43		partially performed	0058	L1a &1b	
59	197	370	307	3/11/06	SCO	20:07:00 21:29:31	00:58:02 00:29:30	DSS-45		failed	0059		
60	198	371	308	4/11/06	SCO	20:07:01 20:39:01	00:28:01 23:59:00	DSS-43		performed	0060	L1a &1b	L2
61	199	372	309	5/11/06	SCO	20:07:01	00:28:01	DSS-43 or DSS-14		failed	0061		
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	processed?	archived?
62	200		310	6/11/06	SCO	18:20:00	03:25:49	DSS-43 or DSS-14		failed	0062		
63	201		311	7/11/06	SCO	18:20:00	03:28:54	DSS-43 or DSS-14		failed	0063		
64	203		313	9/11/06	SCO	21:22:02	01:43:02	DSS-43		failed	0064		
65	205	378	315	11/11/06	SCO	19:57:00 20:34:01	00:43:02 00:15:00	DSS-45		failed	0065		

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66	207		317	13/11/06	SCO	21:16:00	03:42:57	DSS-43		failed	0066		
67	209		319	15/11/06	SCO	18:15:00	03:48:00	DSS-43 or DSS-14		failed	0067		
68	211		321	17/11/06	SCO	18:14:00	03:53:00	DSS-43 or DSS-14		failed	0068		
69	213		323	19/11/06	SCO	18:16:00	03:57:00	DSS-43 or DSS-14		failed	0069		
70	215	387	325	21/11/06	SCO	19:57:00 20:29:01	00:48:00 00:19:00	DSS-15		performed	0070	L1a &1b	L2
71	217	390	327	23/11/06	SCO	19:57:00 20:38:13	00:48:00 00:15:00	DSS-43		performed	0071	L1a &1b	L2
72	229	402	339	5/12/06	SCO	20:54:00 21:23:01	01:43:00 01:13:00	DSS-43		performed	0072	L1a &1b	L2
OCC 2													
	Orbit number	DSN tracking number	day of year	date	VeRa activity	start time (UT) planned/ actual	stop time (UT) planned/ actual	ground station	target; coordinates	performed? cancelled?	Volume-ID	check	archived?
71	230		341	7/12/06	OCC	07:05:00	08:22:00	NNO		performed (-)	0073	L2	

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72	233		344	10/12/06	OCC	07:10:00 07:12:00	08:35:00 08:31:00	NNO		performed (-)	0074	L1a &1b	L2	PSA
73	236		347	13/12/06	OCC	07:15:00	08:45:00	NNO		performed	0075	L1a &1b	L2	PSA
74	240		351	17/12/06	OCC	07:30:00 07:30:00	08:55:00 08:53:00	NNO		performed	0076	L1a &1b	L2	PSA
75	241		352	18/12/06	OCC	07:30:00	09:00:00	NNO		performed	0077	L1a &1b	L2	PSA
76	248		359	25/12/06	OCC	07:40:00	09:10:00	NNO		performed	0078	L1a &1b	L2	PSA
77	250		361	27/12/06	OCC	07:40:00	09:05:00	NNO		failed	0079			
78	254		365	31/12/06	OCC	07:35:00	09:05:00	NNO		performed	0080	L1a &1b	L2	PSA

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