

Venus Express Radio Science Experiment - Science Operations Logbook

OCC 6 2009													
	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?
1	986		001	1/1/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0248	L1a&b L2	
Gravity 4 2009													
	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?
2	1053		068	9/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
3	1055		070	11/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
4	1057		072	13/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
5	1059		074	15/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
Gravity 5 2009													
	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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6	1065		080	21/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
7	1067		082	23/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
8	1069		084	25/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			
9	1071		086	27/3/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS			

Gravity 6 2009 (70 m station needed!)

	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?
10	1090		105	15/4/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS	0249		
11	1092		107	17/4/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	cancelled by MPS	0250		
12	1095		110	20/4/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0251	L1a&b	

Gravity 7 2009 (70 m station needed!)

	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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13	1102		117	27/4/09	GRV	01:00:00	03:00:00	DSS-43	North Pole Region	partially performed	0252	L1a&b	
14	1104		119	29/4/09	GRV	01:00:00	03:00:00	DSS-43	North Pole Region	partially performed	0253	L1a&b	
15	1106		121	1/5/09	GRV	01:00:00	03:00:00	DSS-43	North Pole Region	partially performed	0254	L1a&b	

Gravity 8 2009 (70 m station needed!)

	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?
16	1130		145	25/5/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0255	L1a&b	
17	1132		147	27/5/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0256	L1a&b	
18	1134		149	29/5/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0257	L1a&b	
19	1136		151	31/5/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0258	L1a&b	

Gravity 9 2009 (70 m station needed!)

	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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20	1161		176	25/6/09	GRV	00:00:00	23:59:00	DSS-14	North Pole Region	failed	0259		
21	1163		178	27/6/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0260	L1a&b	
22	1165		180	29/6/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0261	L1a&b	
23	1167		182	1/7/09	GRV	00:00:00	23:59:00	DSS-43	North Pole Region	partially performed	0262	L1a&b	

OCC 7 2009

	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?
24	1182		197	16/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0263	L1a&b L2	
25	1183		198	17/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0264	L1a&b L2	
26	1184		199	18/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0265	L1a&b L2	
27	1185		200	19/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0266	L1a&b L2	
28	1186		201	20/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0267	L1a&b L2	

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29	1187		202	21/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0268	L1a&b L2	
30	1188		203	22/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0269	L1a&b L2	
31	1189		204	23/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0270	L1a&b L2	
32	1191		206	25/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0271	L1a&b L2	
33	1193		208	27/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0272	L1a&b L2	
34	1195		210	29/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0273	L1a&b 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?
35	1197		212	31/7/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0274	L1a&b L2	
36	1199		214	2/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0275	L1a&b L2	
37	1201		216	4/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0276	L1a&b L2	

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38	1204		219	7/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0277	L1a&b L2	
39	1207		222	10/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0278	L1a&b L2	
40	1210		225	13/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0279	L1a&b L2	
41	1213		228	16/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0280	L1a&b L2	
42	1216		231	19/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0281	L1a&b L2	
43	1219		234	22/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0282	L1a&b L2	
44	1222		237	25/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0283	L1a&b L2	
45	1225		240	28/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0284	L1a&b 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?
46	1226		241	29/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0285	L1a&b L2	

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47	1227		242	30/8/09	OCC	00:00:00	23:59:00	NNO		performed(-)	0286	L1a&b L2	
48	1228		243	31/8/09	OCC	00:00:00	23:59:00	NNO		performed	0287	L1a&b L2	
49	1229		244	1/9/09	OCC	00:00:00	23:59:00	NNO		performed	0288	L1a&b L2	
50	1231		246	3/9/09	OCC	00:00:00	23:59:00	NNO		performed	0289	L1a&b L2	
51	1233		248	5/9/09	OCC	00:00:00	23:59:00	NNO		performed	0290	L1a&b L2	
52	1235		250	7/9/09	OCC	00:00:00	23:59:00	NNO		performed	0291	L1a&b L2	
53	1237		252	9/9/09	OCC	00:00:00	23:59:00	NNO		performed	0292	L1a&b L2	
54	1239		254	11/9/09	OCC	00:00:00	23:59:00	NNO		performed	0293	L1a&b 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?
55	1241		256	13/9/09	OCC	00:00:00	23:59:00	NNO		performed	0294	L1a&b L2	

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56	1243		258	15/9/09	OCC	00:00:00	23:59:00	NNO		performed	0295	L1a&b L2
57	1244		259	16/9/09	OCC	00:00:00	23:59:00	NNO		performed	0296	L1a&b L2
58	1245		260	17/9/09	OCC	00:00:00	23:59:00	NNO		performed	0297	L1a&b L2
59	1246		261	18/9/09	OCC	00:00:00	23:59:00	NNO		partially performed	0298	L1a&b L2

Gravity 10 2009 (70 m station needed!)

	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?
60	1259		274	1/10/09	GRV	00:00:00	23:59:00	DSS-14		failed	0299		
61	1261		276	3/10/09	GRV	00:00:00	23:59:00	DSS-14		failed	0300		
62	1263		278	5/10/09	GRV	00:00:00	23:59:00	DSS-14		failed	0301		
63	1265		280	7/10/09	GRV	00:00:00	23:59:00	DSS-14		failed	0302		

Drag Measurements #2

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64			283	10/10/09	OCC	00:00:00	23:59:00	CEB		performed	0311	L1a&b L2	
65			284	11/10/09	OCC	00:00:00	23:59:00	NNO		cancelled by MPS	0309		
66			284	11/10/09	OCC	00:00:00	23:59:00	CEB		successfully performed	0312	L1a&b L2	
			284	11/10/09	OCC	00:00:00	23:59:00	CEB		partially performed	0386	L1a&b L2	
			284	11/10/09	OCC	00:00:00	23:59:00	CEB		performed	0387	L1a&b L2	
67			285	12/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0310	L1a&b L2	
68			285	12/10/09	OCC	00:00:00	23:59:00	CEB		performed	0313	L1a&b L2	
			285	12/10/09	OCC	00:00:00	23:59:00	CEB		performed	0388	L1a&b L2	
69	2171		286	13/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0303	L1a&b L2	

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70			286	13/10/09	OCC	00:00:00	23:59:00	CEB		performed	0314	L1a&b L2
			286	13/10/09	OCC	00:00:00	23:59:00	CEB		performed	0389	L1a&b L2
71	2172		287	14/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0304	L1a&b L2
72			287	14/10/09	OCC	00:00:00	23:59:00	CEB		performed	0315	L1a&b L2
			287	14/10/09	OCC	00:00:00	23:59:00	CEB		performed	0390	L1a&b L2
73	2173		288	15/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0305	L1a&b L2
74			288	15/10/09	OCC	00:00:00	23:59:00	CEB		performed	0316	L1a&b L2
			288	15/10/09	OCC	00:00:00	23:59:00	CEB		performed	0391	L1a&b L2
75	2174		289	16/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0306	L1a&b L2
76			289	16/10/09	OCC	00:00:00	23:59:00	CEB		performed	0317	L1a&b L2
			289	16/10/09	OCC	00:00:00	23:59:00	CEB		performed	0392	L1a&b L2

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77	2175		290	17/10/09	OCC	00:00:00	23:59:00	NNO		successfully performed	0307	L1a&b L2
78			290	17/10/09	OCC	00:00:00	23:59:00	CEB		performed	0318	L1a&b L2
79	2176		291	18/10/09	OCC	00:00:00	23:59:00	NNO		cancelled by MPS	0308	
80			291	18/10/09	OCC	00:00:00	23:59:00	CEB		performed	0319	L1a&b L2
81			292	19/10/09	OCC	00:00:00	23:59:00	CEB		performed	0320	L1a&b L2

Solar Corona (27.11.09 - 25.02.10) (no observations planned)

OCC 8 (XX.12.09 - XX.02.10) (no observations planned: Solar Conjunction)

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