

# Mars Express Radio Science Experiment Science Operations Logbook - Commissioning

orbit number	day of year	date	MaRS activity	start time (UT)	stop time (UT)	ground station	target; coordinates	performed? cancelled?	processed? archived? Volume-ID	Volume_Id	remarks comments	data review
cruise	180	29.06.2003	TWOD-X	14:55	02:55	NNO		performed	Level 1a and 1b	0001	Stimmt das Datum??? Im Comissioning reprot steht ein anderes Datum 18.6. und andere	right start time: 15:48; stoptime: 00:55 but
cruise	182	01.07.2003	TWOD-X	14:46:00	02:47:00	NNO		performed	Level 1a and 1b	0002	Stimmen die Zeiten???Tracking at New Norcia performed in the so called TWOD-	right start time: 18:03, stoptime:00:07. For all
cruise	183	02.07.2003	TWOD-S	14:41	02:43	NNO		performed	Level 1a and 1b	0003	Stimmen die Zeiten???Tracking at New Norcia performed in the so called TWOD-	right start time: 18:04, stop time 01:19.
cruise	187	06.07.2003	ONED	14:23	02:25	NNO		performed	Level1a and 1b	0004	Parallel tracking pass at Deep Space Network (DSN) station DSS 43 (70 meter station also uplinking) and New Norcia (only listening). Space craft was in ONED mode that is	right start 15:08; end 21:06; ME, AGC1, RNG,
cruise	187	06.07.2003	ONED	14:40	22:40	DSS43		performed		0005		
cruise	191	10.07.2003	ONES	14:04	02:07	NNO		performed	Level 1a and 1b	0006	Parallel tracking pass at Deep Space Network (DSN) station DSS 43 (70 meter station also uplinking) and New Norcia (only listening). Space craft was in ONES-X	right start time: 14:26, end time: 19:17; all
cruise	191	10.07.2003	ONES	12:50	23:45	DSS43		performed		0007		
cruise	192	11.07.2003	TWOD-S	07:00	13:55	GDS		performed		0008	Stimmen die Zeiten???Tracking at DSN at the Goldstone complex in the TWOD-S	
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white: planned task  
green: task completed  
yellow: task to be completed  
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cruise	195	14.07.2003	TWOD-X	07:05	14:50	GDS		cancelled			spacecraft anomaly	
cruise	200	19.07.2003	TWOD-X	07:05	14:00	GDS		performed		0009		
cruise	291	23.10.2003	ONED	06:40	15:37	NNO		performed	Level1a and 1b	0010		all files available; time is extracted
cruise	291		ONED			GDS		performed		0011		
cruise	292		TWOD-X			GDS		failed				
orbit	021	21.01.2004	BSR			DSS43	amazonis Planitia	performed	Level1a and 1b	0012		
orbit	023	23.01.2004	TWOD-X	11:19	13:59	NNO		performed	processed to new Level1a and 1b, processed to new L02	0013	no TM OFF due to S/C anomaly, The activity was planned with an X-band uplink	all files available; time is extracted

white: planned task  
 green: task completed  
 yellow: task to be completed  
 red: task cancelled  
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