

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 | |
|--|--------------|-------------|------|---------------|-----------------|----------------|----------------|---------------------|-----------------------|--------------------------------|--------------------------|------------------|--|
| | 1 | cruise | 180 | 29.06.2003 | TWOD-X | 14:55 | 02:55 | NNO | | performed | new L 1 a&b , new L02 | 0001 | Stimmt das Datum??? Im Comissioning reprot steht ein anderes Datum 18.6. und andere |
| | 2 | cruise | 182 | 01.07.2003 | TWOD-X | 14:46:00 | 02:47:00 | NNO | | performed | new L 1 a&b, new L02 | 0002 | Stimmen die Zeiten???Tracking at New Norcia performed in the so called TWOD- |
| | 3 | cruise | 183 | 02.07.2003 | TWOD-S | 14:41 | 02:43 | NNO | | performed | new L 1 a&b , new L02 | 0003 | Stimmen die Zeiten???Tracking at New Norcia performed in the so called TWOD- |
| | 4 | cruise | 187 | 06.07.2003 | ONED | 14:23 | 02:25 | NNO | | performed | new L1a & b | 0004 | Parallel tracking pass at Deep Space Network (DSN) station DSS 43 (70 meter station also uplinking) and New Norcia (only listening). |
| | 5 | cruise | 187 | 06.07.2003 | ONED | 14:40 | 22:40 | DSS43 | | performed | | 0005 | Space craft was in ONED mode that is |
| | 6 | cruise | 191 | 10.07.2003 | ONES | 14:04 | 02:07 | NNO | | performed | new L1a&b | 0006 | Parallel tracking pass at Deep Space Network (DSN) station DSS 43 (70 meter station also uplinking) and New Norcia (only listening). |
| | 7 | cruise | 191 | 10.07.2003 | ONES | 12:50 | 23:45 | DSS43 | | performed | | 0007 | Space craft was in ONES-X |
| | 8 | 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- |

white: planned task

green: task completed

yellow: task to be completed

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|----|--------------|-------------|------------|---------------|-----------------|----------------|----------------|---------------------|-----------------------|---|-----------|--|
| 9 | cruise | 195 | 14.07.2003 | TWOD-X | 07:05 | 14:50 | GDS | | cancelled | | | spacecraft anomaly |
| 10 | cruise | 200 | 19.07.2003 | TWOD-X | 07:05 | 14:00 | GDS | | performed | | 0009 | |
| 11 | cruise | 291 | 23.10.2003 | ONED | 06:40 | 15:37 | NNO | | performed | new L1a&b | 0010 | |
| 12 | cruise | 291 | | ONED | 08:20 ? | 13:59 | GDS | | performed | | 0011 | |
| 13 | cruise | 292 | | TWOD-X | | | GDS | | failed | | | ground station anomaly |
| 14 | orbit | 021 | 21.01.2004 | BSR | | | DSS43 | nazonis Planitia | performed | Level1a and 1b | 0012 | |
| 15 | 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 |
| 16 | | | | | | | | | | | | |

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

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| |
|--|
| data review |
| right start time: 15:48., stoptime: 00:55 but |
| right start time: 18:03, stoptime:00:0 7. For all |
| right start time: 18:04, stop time 01:19. |
| right start 15:08; end 21:06; ME, AGC1, RNG, |
| |
| right start time: 14:26, end time: 19:17; all |
| |
| |

white: planned task

green: task completed

yellow: task to be completed

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| |
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| |
| all files available; time is extracted |
| |
| |
| |
| all files available; time is extracted |
| |

white: planned task

green: task completed

yellow: task to be completed

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