Austrian Academy of Sciences
Space Research Institute
Department of Experimental Space Research

ROSETTA-MIDAS
Enhanced Archive Data Delivery
Reconstructed Images

Issue 1.0
24/01/2018

Several image scans were either incomplete or not self-consistent, due to missing data packets, commanding errors and so on. However, in some cases it was possible to recover some of the missing information and deliver reconstructed images.

Missing, failed or incomplete scans where checked for recoverability. 8 Missing/incomplete scans have been identified as having useful data which can be reconstructed. These are listed in the table below, and are included in datasets V3 and above.

Archive File	Scan Start Time	Reason for Missing Data	Recovery
RO-D-MIDAS-3-PRL-SAMPLES-V3.0/DATA/IMG/IMG_1413214_1415411_026_ZS.IMG	2014-05-28 06:19:46.206051	missing image packets (2 lines)	2 lines replaced by 0's and image rebuilt from line scans
RO-D-MIDAS-3-PRL-SAMPLES-V3.0/DATA/IMG/IMG_1418502_1421310_014_ZS.IMG	2014-07-12 11:36:23.572205	missing image packets	entire image recoverable from line scans
RO-C-MIDAS-3-EXT1-SAMPLES-V3.0/DATA/IMG/IMG_1604023_1606900_059_ZS.IMG	2016-02-29 04:11:58.518347	ZS channel missing	recovered from line scans
RO-C-MIDAS-3-EXT1-SAMPLES-V3.0/DATA/IMG/IMG_1604023_1606900_095_ZS.IMG	2016-03-07 08:40:09.721804	ZS channel missing	recovered from line scans
RO-C-MIDAS-3-EXT1-SAMPLES-V3.0/DATA/IMG/IMG_1606823_1609700_035_ZS.IMG	2016-03-23 07:24:53.618087	Image data not sent due to problem with CLEAR_ALL_SETS and TASK_ACTIVE flag	recreated from line scans
RO-C-MIDAS-3-EXT1-SAMPLES-V3.0/DATA/IMG/IMG_1606823_1609700_036_ZS.IMG	2016-03-23 17:46:53.905102		
RO-C-MIDAS-3-EXT1-SAMPLES-V3.0/DATA/IMG/IMG_1606823_1609700_039_ZS.IMG	2016-03-24 14:30:53.746117		
RO-C-MIDAS-3-EXT2-SAMPLES-V3.0/DATA/IMG/IMG_1609623_1612500_000_ZS.IMG	2016-04-06 06:54:54.010886	ran long	recreated from line scans