
 NOTE: No GOME NARROW SWATH TIMELINE GMNNOT41 executed (as usually planned
 for day 24 a month), but nominal swath operations

Summary of Anomalies:

- 1 - GOME data gap,
 21/05/2001, 18:12:29, - 24/05/2001, 11:39:38, dump Orb.31817 - 31856

 ERS2 Payload was switched off, including GOME instrument,
 (IT1 Memory protection error; platform in FAM2)
 (see unavailability fax ESOC ER2-UNA 2001/019)
- GOME Idle mode between 11:39:38 - 13:00:02, dump Orb. 31856
 and scanning operations started at 13:00:02:
 - TST44 started at ~13:00 dump Orb. 31856/7
 start of sun calibration 13:07:43.50 (T detector = 256K)
 intensity of suncalibration nominal (~17 800 BU -> analysed with ERGO)
 - coolers off:
 18:12:29 (21/05/2001) - 13:13:40 (24/05/2001)
 maximum warm up of detectors: 265.3 K
 - occurrences of padded frames as ATSR/IRR not back to nominal
 operations, 13:00:02 - 00:00 , d.Orb. 31856 - 863
- 2 - KS, dump Orb. 31857 EGOI
 3 small gaps 14:47:41 - 14:48:11
- 3 - Memory Dump (change to the day before):
 no dump info found in EGOC_010524KSEP2049.E2

 Station ID - data gap
 21/05/2001, 18:12:29, - 24/05/2001, 11:39:38 dump Orb. 31817 - 31856
 - KS, dump Orb. 31857 EGOI
 3 small gaps 14:47:41 - 14:48:11

MPH Product Confidence OK
 SPH Window Information OK
 Command Word Echo Summary >>instrument in Idle Mode , see above
 Instrument Status 1A >>instrument in Idle Mode , see above
 Instrument Status 1B OK
 Instrument Status 2 OK
 Integration Times Channel 1 OK
 Co-Adding and Cluster Mode Flags OK
 Integration Times Band 2A OK
 Integration Times Band 2B OK
 Integration Times Band 3 OK
 Integration Times Band 4 OK
 Scan Mirror Position OK
 Polarisation Detectors OK
 FPA Temperatures A >>maximum warm up of detector 265.3 K
 FPA Temperatures B >>maximum warm up of detector 265.4 K
 Charge Amp Temperatures >>temp. out of range due to switch-off
 Other Temperatures A >>temp. out of range due to switch-off
 DDHU Temperatures >>temp. out of range due to switch-off
 Optical Bench Temperatures >>temp. out of range due to switch-off
 Other Temperatures B >>temp. out of range due to switch-off
 Calibr. Lamp and Instr. Status 3 TST44 calibration sequence with warm
 detectors , see above

 Scan Mirror Motor Current OK
 Selected Temperature A >>temp. out of range due to switch-off

Selected Temperature B >>temp. out of range due to switch-off
Selected Temperature C >>temp. out of range due to switch-off
Channel 1 Summation >> occurrences of padded frames
Channel 2 Summation >> occurrences of padded frames
Channel 4 Summation >> occurrences of padded frames
Log pages OK
331/318 nm Uncal. Line Ratio OK
Uncal. PMDs as RGB signal OK
780 nm Uncal. Intensity >>occurrences of padded frames as
ATSR/IRR not back to nominal
operations, 13:00:02 - 00:00 ,
d.Orb. 31856 - 863 (many small red spots
in image plot)

GOME Memory Dump Check

24 May

2001

no dump info found in EGOE_010524KSEP2049.E2