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 GMNNPT35 started  
 GOME polar viewline operated, started in Orbit 36164, utc time 12:00  
 the polar timeline is alternating with the nominal operational timeline  
 with 960 km swath; the operations are nominal.  
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Summary of Anomalies:

station info:

GS dump orbit 36172 EGOI small data gap 23:52:41 - 23:54:26

instrument info

EGOI

- 1 GOME switch on: 09:01:07, dump Orb. 36162
  - data gap due to payload switch-off  
 02:14:59 (08/03/2002) - 09:01:07 (21/03/2002), dump Orb. 35973 - 36162
  - TST44 started at ~10:25 dump Orb. 36163  
 start of sun calibration 10:30:54.65 (T detector = 254K)  
 intensity of sun calibration nominal (~17540 BU PMD2)
  - coolers off:  
 02:14:59 (08/03/2003) - 10:36:51 (21/03/2001)  
 maximum warm up of detectors: 264.1 K
  - occurrences of padded frames due to IRR/ATSR not yet back to nominal  
 operations, 09:01 - ~12:20 (dump orb. 36162-163)

- 2 - Memory Dump (change to the latest available data day 07/03/2002):  
 (reset to default values after GOME switch-off  
 5 differences found in E2PROMCOPY, see below

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 GOME Daily Reports Analysis            21 Mar            2002  
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Station ID                            >> GS dump orbit 36172 EGOI small data gap 23:52:41 - 23:54:26  
    data gap due to payload switch-off  
    02:14:59 (08/03/2002) - 09:01:07 (21/03/2002), dump Orb. 35973 - 36162

MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
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	>>GOME polar viewline GMNNPT35 operated
Polarisation Detectors	OK
FPA Temperatures A	>>maximum warm up of detector 264.0 K
FPA Temperatures B	>>maximum warm up of detector 264.1 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	>> Solar calibration performed in dump Orb. 36163 start of sun calibration 10:30:54.65 intensity of sun calibration: ~17450 BU ->PMD2 readouts analysed with ERGO;

(note: due to seasonal effects nominal values  
range between ~16000 - ~19000 BU

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 OK  
Channel 2 Summation OK  
Channel 4 Summation OK  
Log pages OK  
331/318 nm Uncal. Line Ratio OK  
Uncal. PMDs as RGB signal OK  
780 nm Uncal. Intensity >>occurrences of padded frames (visible as  
many red spots) due to ATSR/IRR not yet  
back to nominal operations

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GOME Memory Dump Check

21 Mar

2002  
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8899 differences found in RAM1 area  
0 differences found in PROMCOPY area  
5 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10

0 differences found in E2PROM area  
0 differences found in RAM2 area  
0 differences found in PROM area