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Summary of Anomalies:

station info

PS dump orbit 40068 EGOI, small gaps 05:09:50 - 05:09:52  
 05:10:07 - 05:10:09  
 05:10:25 - 05:10:28  
 PS dump orbit 40068 EGOI corrupted product 05:10:16

KS dump orbit 40069 EGOI, many small gaps 07:01:18 - 07:01:23  
 07:01:36 - 07:01:38  
 07:01:41 - 07:01:44  
 07:01:45 - 07:01:47  
 07:01:54 - 07:01:56  
 07:02:39 - 07:02:41  
 07:03:14 - 07:03:15  
 07:45:03 - 07:45:05  
 07:45:32 - 07:45:35  
 07:46:03 - 07:46:06  
 07:46:36 - 07:46:38

KS dump orbit 40070 EGOI, many small gaps 08:26:01 - 08:26:07  
 08:49:02 - 08:49:08  
 08:49:10 - 08:49:13  
 08:49:14 - 08:49:17  
 08:49:23 - 08:49:29  
 09:27:00 - 09:27:01  
 09:27:30 - 09:27:33

KS dump orbit 40071 EGOI, many small gaps 10:08:01 - 10:08:03  
 10:31:06 - 10:31:10  
 10:31:19 - 10:31:22  
 10:31:24 - 10:31:30  
 10:31:33 - 10:31:34  
 10:32:21 - 10:32:22  
 11:06:50 - 11:06:53

KS dump orbit 40072 EGOI, many small gaps 12:10:52 - 12:11:02  
 12:11:05 - 12:11:07  
 12:11:32 - 12:11:34  
 12:11:35 - 12:11:37  
 12:12:35 - 12:12:37  
 12:16:47 - 12:16:49

KS dump orbit 40073 EGOI, many small gaps 13:00:08 - 13:00:11  
 13:49:34 - 13:49:37  
 13:49:43 - 13:49:46  
 13:49:55 - 13:50:01  
 13:50:48 - 13:50:49  
 13:50:54 - 13:50:55  
 14:22:55 - 14:23:15  
 14:23:25 - 14:23:27

instrument info

EGOI OK

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 GOME Daily Reports Analysis

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Station ID >>many small gaps dump orb. 40069-73 (see above)

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

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Integration Times Band 3      OK
Integration Times Band 4      OK
Scan Mirror Position          OK
Polarisation Detectors        OK
FPA Temperatures A            >>corrupted product d.o. 40068, 05:10:16
FPA Temperatures B            >>corrupted product d.o. 40068, 05:10:16
Charge Amp Temperatures       >>corrupted product d.o. 40068, 05:10:16
Other Temperatures A          >>corrupted product d.o. 40068, 05:10:16
DDHU Temperatures             OK
Optical Bench Temperatures    OK
Other Temperatures B          >>corrupted product d.o. 40068, 05:10:16
Calibr. Lamp and Instr. Status 3 >> Solar calibration performed
                               in dump Orb. 40071
                               start of sun calibration 10:58:42.59
                               intensity of sun calibration:
                               ~17610 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         OK
Selected Temperature B         OK
Selected Temperature C         OK
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        OK

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GOME Memory Dump Check

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8881 differences found in RAM1 area
0 differences found in PROMCOPY area
7 differences found in E2PROMCOPY area

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Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
13E9C	FB	FF
17FFF	FD	FF

```

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

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