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Summary of Anomalies:

- 1 - KS orbit 33414 08:01:42 - 08:01:55 EGOI gap (13")
- KS orbit 33421 21:13:21 - 21:13:31 EGOI gap (10")
- KS orbit 33422
  - 21:45:47 - 22:52:49 EGOI many gaps
  - 22:43:02            EGOI one corrupted product

- 2 - Memory Dump (change to the last dump available):
- Address 10086 in E2PROMCOPY changed from template value 26 to actual 66

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 GOME Daily Reports Analysis           10 Sep           2001  
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Station ID	many gaps	Start (end of last prod.)	Stop	Duration	GS	DOrbit
.		10-SEP-2001 08:01:42.170	08:01:55.670	00:00:13.500	KS	33414
.		10-SEP-2001 21:13:21.460	21:13:31.960	00:00:10.500	KS	33421
.		10-SEP-2001 21:45:47.150	21:45:48.650	00:00:01.500	KS	33422
.		10-SEP-2001 22:41:18.990	22:41:20.490	00:00:01.500	KS	33422
.		10-SEP-2001 22:41:23.490	22:41:30.990	00:00:07.500	KS	33422
.		10-SEP-2001 22:41:38.490	22:41:39.990	00:00:01.500	KS	33422
.		10-SEP-2001 22:41:47.490	22:41:48.990	00:00:01.500	KS	33422
.		10-SEP-2001 22:41:56.490	22:41:57.990	00:00:01.500	KS	33422
.		10-SEP-2001 22:41:59.490	22:42:02.490	00:00:03.000	KS	33422
.		10-SEP-2001 22:42:11.490	22:42:15.990	00:00:04.500	KS	33422
.		10-SEP-2001 22:42:24.990	22:42:27.990	00:00:03.000	KS	33422
.		10-SEP-2001 22:42:29.490	22:42:33.990	00:00:04.500	KS	33422
.		10-SEP-2001 22:42:41.490	22:42:42.990	00:00:01.500	KS	33422
.		10-SEP-2001 22:42:54.990	22:42:59.490	00:00:04.500	KS	33422
.		10-SEP-2001 22:43:02.490	22:43:04.000	00:00:01.510	KS	33422
.		10-SEP-2001 22:43:16.000	22:43:17.500	00:00:01.500	KS	33422
.		10-SEP-2001 22:43:26.500	22:43:31.000	00:00:04.500	KS	33422
.		10-SEP-2001 22:43:32.500	22:43:34.000	00:00:01.500	KS	33422
.		10-SEP-2001 22:43:35.500	22:43:37.000	00:00:01.500	KS	33422
.		10-SEP-2001 22:43:41.500	22:43:43.000	00:00:01.500	KS	33422
.		10-SEP-2001 22:43:55.000	22:44:07.000	00:00:12.000	KS	33422
.		10-SEP-2001 22:44:08.500	22:44:34.010	00:00:25.510	KS	33422
.		10-SEP-2001 22:44:35.510	22:44:37.010	00:00:01.500	KS	33422
.		10-SEP-2001 22:44:38.510	22:45:10.010	00:00:31.500	KS	33422
.		10-SEP-2001 22:45:11.510	22:48:22.030	00:03:10.520	KS	33422
.		10-SEP-2001 22:48:25.030	22:48:49.040	00:00:24.010	KS	33422
.		10-SEP-2001 22:48:50.540	22:48:58.040	00:00:07.500	KS	33422
.		10-SEP-2001 22:48:59.540	22:49:07.040	00:00:07.500	KS	33422
.		10-SEP-2001 22:49:08.540	22:49:31.040	00:00:22.500	KS	33422
.		10-SEP-2001 22:49:32.540	22:49:34.040	00:00:01.500	KS	33422
.		10-SEP-2001 22:49:35.540	22:49:58.040	00:00:22.500	KS	33422
.		10-SEP-2001 22:49:59.540	22:50:25.040	00:00:25.500	KS	33422
.		10-SEP-2001 22:50:26.540	22:50:28.040	00:00:01.500	KS	33422
.		10-SEP-2001 22:50:29.540	22:50:34.040	00:00:04.500	KS	33422
.		10-SEP-2001 22:50:35.540	22:50:58.050	00:00:22.510	KS	33422
.		10-SEP-2001 22:50:59.550	22:51:17.550	00:00:18.000	KS	33422
.		10-SEP-2001 22:51:20.550	22:51:32.550	00:00:12.000	KS	33422
.		10-SEP-2001 22:51:35.550	22:52:01.060	00:00:25.510	KS	33422
.		10-SEP-2001 22:52:04.060	22:52:22.060	00:00:18.000	KS	33422
.		10-SEP-2001 22:52:23.560	22:52:28.060	00:00:04.500	KS	33422
.		10-SEP-2001 22:52:29.560	22:52:49.050	00:00:19.490	KS	33422

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

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Co-Adding and Cluster Mode Flags set at 22:43:02 orbit 33422 KS
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 OK
FPA Temperatures B OK
Charge Amp Temperatures channel 2, 3, 4 out of range at 22:43:02 orbit 33422 KS
Other Temperatures A out of range at 22:43:02 orbit 33422 KS
DDHU Temperatures out of range at 22:43:02 orbit 33422 KS
Optical Bench Temperatures out of range at 22:43:02 orbit 33422 KS
Other Temperatures B out of range at 22:43:02 orbit 33422 KS
Calibr. Lamp and Instr. Status 3 >> SOT33 performed in dump Orb. 33415
    start of sun calibration 11:04:59
    intensity of sun calibration:
    ~18000 BU ->PMD2 readouts analysed with ERGO;
    (note: due to seasonal effects nominal values
    range between ~16000 - ~19000 BU)

Current/Voltage out of range at 22:43:02 orbit 33422 KS
Flag fail set

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Scan Mirror Motor Current out or range at 22:43:02 orbit 33422 KS
Selected Temperature A OK
Selected Temperature B OK
Selected Temperature C OK
Channel 1 Summation OK
Channel 2 Summation OK
Channel 3 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          10 Sep          2001
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GOME Daily Dump Check of processing day 010910

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8954 differences found in RAM1 area
0 differences found in PROMCOPY area
36 differences found in E2PROMCOPY area

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Address	Actual	Template
10040	7F	47
10041	C0	C7
10042	A3	E0
10043	D	2
10044	B4	C7
10045	44	10
10046	44	FA
10047	B0	46
10048	2C	0
10049	20	2C
1004A	D0	46
1004B	6A	C7
1004C	C0	0
1004D	7F	FC
1004E	D	C4
1004F	A3	0
10050	44	FA
10051	B4	5E
10052	B0	C7
10053	44	26
10054	20	0
10055	2C	7

10056	6A	26
10057	D0	0
10058	6A	47
10059	1	C7
1005A	20	E0
1005B	D0	2
1005C	41	C7
1005D	2C	10
10086	66	26
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