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NARROW SWATH TIMELINE GMNNOT41 executed  
 continued from day 277 (2001/10/04)  
 holding on until orbit 33773 time ~11:00

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Summary of Anomalies:

1 - GS dump orbit 33767 EGOI small data gaps 01:04:18 - 01:05:31  
 01:15:01 - 01:15:22

2 - KS dump orbit 33771 EGOI small data gaps 06:34:30 - 06:36:17  
 07:54:29 - 07:55:28

3 - KS dump orbit 33775 EGOI small data gap 14:13:54 - 14:14:43

4 - Memory Dump (change to the day before):  
 address 1300B changed from template value 10 to actual value 1

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 GOME Daily Reports Analysis         05 Oct         2001  
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Station ID                     >> GS dump orbit 33767 EGOI small data gaps  
                                   01:04:18 - 01:05:31  
                                   01:15:01 - 01:15:22  
                                   KS dump orbit 33771 EGOI small data gaps  
                                   06:34:30 - 06:36:17  
                                   07:54:29 - 07:55:28  
                                   KS dump orbit 33775 EGOI small data gap  
                                   14:13:54 - 14:14:43

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           OK

>>timeline GMNNOT41 executed as planned,  
 until Orb.33773, ~11:00  
 >>GOME polar view timeline GMNSPT31 as planne

Polarisation Detectors         OK  
 FPA Temperatures A             OK  
 FPA Temperatures B             OK  
 Charge Amp Temperatures        OK  
 Other Temperatures A            OK  
 DDHU Temperatures             OK  
 Optical Bench Temperatures     OK  
 Other Temperatures B            OK

Calibr. Lamp and Instr. Status 3 >> Solar calibration performed  
                                   in dump Orb. 33773  
                                   start of sun calibration 11:22:08.34  
                                   intensity of sun calibration:  
                                   ~18200 BU ->PMD2 readouts analysed with ERGO;  
                                   (note: due to seasonal effects nominal values  
                                   range between ~16000 - ~19000 BU

Scan Mirror Motor Current       >>pattern not repeated due to execution of  
                                   timeline GMNNOT41

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

05 Oct

2001  
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8840 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