GOME Daily Reports Analysis	02 Apr	2001
***************************************	*****	*****
Summary of Anomalies:		
1 - SOT33 performed in dump Ort start of sun calibration 12:		
intensity of sun calibration 12:	00.10.70	
(~18500 BU ->PMD2 readouts ar	nalvsed with ERGO:	
nominally values are ~19000		
2 - timeline interruption, instr		ic View
dump Orb. 31108, 05:47:38 -	~07:00	
3 - GS, dump Orb. 31105 EGOI, fe	ew small gaps	
00:19:27 - 01:54:34	0 1	
4 - GS, dump Orb. 31106 EGOI, fe	ew small gaps	
02:14:34 - 03:36:36		
5 - KS, dump Orb. 31108 EGOI, sn	nall gaps	
05:24:56 - 05:26:38	8-F-	
07:16:32 - 07:16:35		
07:16:37 - 07:16:43		
07:16:46 - 07:16:50 07:16:53 - 07:16:55		
07.10.33 - 07.10.33		
6 - KS, dump Orb. 31108 EGOI, cc	orrupted product	
05:26:38		
******	*****	****
Station ID >> 0		EGOI, few small gaps
Station ID >> C	00:19:27 - 01:54	4:34
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb.	4:34 31106 EGOI, few small gaps
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03:	4:34 31106 EGOI, few small gaps 36:36
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb.	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43
Station ID >> 0	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
1PH Product Confidence	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
1PH Product Confidence 5PH Window Information	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07:	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
1PH Product Confidence SPH Window Information Command Word Echo Summary	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
IPH Product Confidence IPH Window Information Command Word Echo Summary Construment Status 1A Construment Status 1B	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
1PH Product Confidence 5PH Window Information Command Word Echo Summary Enstrument Status 1A Enstrument Status 1B Enstrument Status 2	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
IPH Product Confidence SPH Window Information Command Word Echo Summary Enstrument Status 1A Enstrument Status 1B Enstrument Status 2 Entegration Times Channel 1	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
IPH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
IPH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Integration Times Band 4 Integration Detectors SPA Temperatures A SPA Temperatures B	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A Charge Amp Temperatures	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A SPA Temperatures B Charge Amp Temperatures Other Temperatures A	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A Scharge Amp Temperatures Other Temperatures A DDHU Temperatures Optical Bench Temperatures	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Integration Times Band 4 Integration Detectors SPA Temperatures A Scharge Amp Temperatures Other Temperatures A Integratures A Inte	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55 line GMNNPT35 operated ct for pre-disp prism
APH Product Confidence PH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Integration Detectors PA Temperatures A PA Temperatures B Intage Amp Temperatures Other Temperatures A Integratures B Integratures A Integratures A Integratures B Integratures A Integratures B Integratures A Integratures B Integratures B	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55 line GMNNPT35 operated ct for pre-disp prism
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1B Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A SPA Temperatures A Scharge Amp Temperatures Other Temperatures A DDHU Temperatures B Charge Bench Temperatures Optical Bench Temperatures Other Temperatures B Chalibr. Lamp and Instr. Status 3	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:46 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55 line GMNNPT35 operated ct for pre-disp prism
APH Product Confidence SPH Window Information Command Word Echo Summary Instrument Status 1A Instrument Status 1A Instrument Status 2 Integration Times Channel 1 Co-Adding and Cluster Mode Flags Integration Times Band 2A Integration Times Band 2B Integration Times Band 3 Integration Times Band 4 Scan Mirror Position Polarisation Detectors SPA Temperatures A SPA Temperatures A Scan Mirror Position Polarisation Detectors SPA Temperatures A Scan Mirror Position Polarisation Detectors SPA Temperatures B Charge Amp Temperatures Other Temperatures B Charge Amp Temperatures B Charge Amp Temperatures B Calibr. Lamp and Instr. Status 3 Scan Mirror Motor Current Selected Temperature A Selected Temperature B	00:19:27 - 01:54 GS, dump Orb. 02:14:34 - 03: KS, dump Orb. 05:24:56 - 05: 07:16:32 - 07: 07:16:37 - 07: 07:16:53 - 07: 07:16:53 - 07: 0K OK OK OK OK OK OK OK OK OK OK OK OK OK	4:34 31106 EGOI, few small gaps 36:36 31108 EGOI, small gaps 26:38 16:35 16:43 16:50 16:55 line GMNNPT35 operated ct for pre-disp prism



Selected Temperature C	ОК
Channel 1 Summation	ОК
Channel 2 Summation	ОК
Channel 3 Summation	ОК
Channel 4 Summation	ОК
Log pages	ОК
331/318 nm Uncal. Line Ratio	ОК
Uncal. PMDs as RGB signal	ОК
780 nm Uncal. Intensity	ОК

GOME Memory Dump Check 2001 02 Apr -----8976 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 10 1300B 1 0 differences found in E2PROM area 0 differences found in RAM2 area 0 differences found in PROM area

