GOME Daily Reports Analysis 14 Jun 2000 NARROW SWATH TIMELINE GMNNOT41 executed begin of execution Orbit 26932 time: ~13:00 active until end of day Orbit 26937 Summary of Anomalies: 1 - gap at GS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag) as planned dump Orb. 26931, 11:03:41 - 11:05:18 coolers off: 11:03:41 - 11:05:31 2 DATA GAPS - gap at GS, dump Orb. 26927 (due to network problems) 03:19:26 - 04:49:33 - few small gaps at KS, dump Orb. 26936 19:41:26 - 19:41:27 19:44:47 - 19:44:48 19:50:29 - 19:50:30 19:55:20 - 19:55:21 19:56:30 - 19:56:32 3 - corrupted products at KS, dump Orb. 26936 19:52:59, 19:57:41 4 - Memory Dump (change to the day before): (reset to default values after GOME switch-off (timeline GMN11)) 4 differences found in E2PROMCOPY (see below) Station ID >>gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)as planned dump Orb. 26931, 11:03:41 - 11:05:18 gap at GS, dump Orb. 26927 (due to network problems) 03:19:26 - 04:49:33 few small gaps at KS, dump Orb. 26936 19:41:26 - 19:41:27 19:44:47 - 19:44:48 19:50:29 - 19:50:30 19:55:20 - 19:55:21 19:56:30 - 19:56:32 MPH Product Confidence ОК SPH Window Information OK Command Word Echo Summarv >> Off flag set 11:05:18 - 11:05:31 Instrument Status 1A >> Off CommError flag set 11:05:18 - 11:05:39 Instrument Status 1B OK Instrument Status 2 >>coolers off: 11:03:41 - 11:05:31 Integration Times Channel 1 OK Co-Adding and Cluster Mode Flags OK Integration Times Band 2A ОК ОК Integration Times Band 2B Integration Times Band 3 ОК Integration Times Band 4 ОК Scan Mirror Position >>Timeline GMNNOT41 executed Orb. 26932 ~13:00 until dump Orbit 26937 Polarisation Detectors ОК FPA Temperatures A >>maximum warm up of detector:244.7 K FPA Temperatures B >>maximum warm up of detector:244.6 K Charge Amp Temperatures OK Other Temperatures A >>anomalous value for Polarisation unit temp



DDHU Temperatures Optical Bench Temperatures	due to a corrupted product at KS, dump Orb. 26936, 19:57:41 OK OK
Other Temperatures B	<pre>&gt;&gt;anomalous value for Cooler radiator temp due to a corrupted product at KS, dump Orb. 26936, 19:52:59</pre>
Calibr. Lamp and Instr. Status 3	ОК
Scan Mirror Motor Current	<pre>&gt;&gt;pattern not repeated due to execution of timeline GMNNOT41</pre>
Selected Temperature A	ОК
Selected Temperature B	ОК
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

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GOME Memory Dump Check 14 Jun 2000 8776 differences found in RAM1 area 0 differences found in PROMCOPY area 4 differences found in E2PROMCOPY area Address Actual Template 12FDE 0 FF 12FDF 7 FF 13003 0 1 13007 0 1 0 differences found in E2PROM area 0 differences found in RAM2 area 0 differences found in PROM area

