



1 General Comments

The activities scheduled for this week are those planned for the CW04.

	Mon, 23-Jan-2012	Tue, 24-Jan-2012	Wed, 25-Jan-2012	Thu, 26-Jan-2012	Fri, 27-Jan-2012	Sat, 28-Jan-2012	Sun, 29-Jan-2012
XB_Cmd_Downlink_Svalb_SEQ	[Activity bars]						
Int_LO_Phase_Cal_NoInoise_FULL_NoEXT_SEQ	[Activity bars]						
Sband_Visibility_SEQ	[Activity bars]						
XB_Cmd_Downlink_Vilspa_SEQ	[Activity bars]						
Short_Calibration_Full_OBOP_SEQ	[Activity bars]						

This week contained a **NIR** External Calibration on the 18/01/12 with **ETO** at **16:25:00 UTC + PMS Offset Calibration** on the 19/01/12, and also X_Band passes over ESAC and Svalbard.

2 Mission Planning Deviation

None.

3 TC Failures

None.



4 Unforseen Out Of Limits (OOLs)

See appendix A for a complete list of OOL's in the period.

5 On Board Anomalies

No MM Partition Latch-Ups nor CMN Unlocks in the period.

Autonomous CCU Reset during the X_Band pass over ESAC on the 26/01/2012 @ 04:42 UTC

Risk of collision for SMOS foreseen on the 29/01/2012 @ 14:11 UTC

Autonomous CCU Reset during the X_Band pass over ESAC on the 29/01/2012 @ 18:11:39 UTC

6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2012.023.17.39.54.728	21DA3A8
RAM single Bit Error	WARN	2012.024.16.12.05.079	205F4F8
MM_Science_Write_Failure	ALARM	2012.026.04.42.36.245	Link Problem
MM_Science_Write_Failure	ALARM	2012.026.04.42.36.345	Link Problem
MM_Science_Write_Failure	ALARM	2012.026.04.42.36.445	Link Problem
RAM single Bit Error	WARN	2012.026.04.43.10.566	205F4F8
RAM single Bit Error	WARN	2012.029.18.12.12.924	205F4F8

7 FOS System Status

None.



8 Data Reception from CNES

7 packets lost during the ingestion of KER-49 TM on the 29/01. The matching On-Board time for them was 28/01/2012 at 22:15:54.287 UTC.

No missing passes in the period.

9 X-Band Data Reception in PXMF

The CCU reset on the 26/01/2012 caused **3 min and 36 seconds** of TM lost.

The CAM on the 29/01/2012 caused **20 min and 27 seconds** of data degraded (external flag triggered).

The CCU reset on the 29/01/2012 caused **3 min and 39 seconds** of TM lost.

10 Exceptional Activities

Autonomous CCU Reset on 26/01/2012 @ 04:42 UTC

- PRO-CRP-100 to reconfigure the PLM was executed on-board at 13:48 UTC on the 26/01/2012
- Instrument reprogramming was regained at 16:33 UTC on the 26/01/2012 with a X_Band dump over SVAL.

Risk of collision for SMOS foreseen on the 29/01/2012 @ 14:11 UTC

- Exceptional OCG on the 28/01/2012 at 13:00 UTC.
- Collision Avoidance Manoeuvre (CAM) executed on the 29/01 at 08:20:46 UTC.

Autonomous CCU Reset on 29/01/2012 @ 18:11:39 UTC

- PRO-CRP-100 to reconfigure the PLM was executed on-board at 21:15 UTC on the 29/01/2012
- Instrument reprogramming was resumed starting with a X_Band dump over SVAL on the 30/01/2012 at 13:57 UTC

11 AOB

None.



APPENDIX A: OOL's

Event Logger printout from time: 2012.023.00.00.00.000 to time: 2012.030.00.00.00.000

Current printout time: 2012.031.08.34.48.319

Filter info:

Application : BEHVlimitChecker
Workstation : All
Packets type : All
Packets severity : All
Message filter : out

Event time	Stream	Application	Workstation	Severity	Type	Message
2012.023.03.16.57.487	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.022.20.06.07.919 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.023.03.16.57.490	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.022.20.06.07.919 NMASME16 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.023.14.35.15.954	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.023.12.42.07.272 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.023.14.35.15.957	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.023.12.42.07.272 NMASME19 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.025.02.32.13.892	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.024.22.49.24.010 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.025.02.32.13.894	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.024.22.49.24.010 NMASME16 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.025.02.32.40.317	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.024.23.04.32.418 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.025.02.32.40.320	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.024.23.04.32.418 NMASME16 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.169 range	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.09.48.57.154 NNO60060 VAL: 16337 LOW :49348 HIGH :49348 SOFT limit is out of nominal
2012.026.09.48.57.169 range	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.09.48.57.154 NNO60061 VAL: 16337 LOW :49348 HIGH :49348 SOFT limit is out of nominal
2012.026.09.48.57.199	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10108 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.199	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10200 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.200	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10204 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.200	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10205 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.200	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10206 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.200	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10207 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.200	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10208 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.201	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10209 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.201	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10210 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.201	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10211 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.201	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM10212 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.202	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.026.04.43.10.066 SPM13202 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.026.09.48.57.204	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM22167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.205	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM21167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.205	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM20167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.205	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM19167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.206	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM18167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.206	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM17167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.208	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM16167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.208	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM15167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.208	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM14167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.209	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM13167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.209	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM12172 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.026.09.48.57.209	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2012.026.04.43.10.066 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range



2012.026.09.48.57.210	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.026.04.43.10.066	SPC02106	VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test
STATUS limit is out of nominal range							
2012.026.09.48.57.214	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.026.04.43.10.066	XNIRABST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.026.09.48.57.214	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.026.04.43.10.066	XNIRBCST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.026.09.48.57.214	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.026.04.43.10.066	XNIRCAST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.026.14.18.10.055	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.026.13.48.09.179	NTLHK022	VAL: Disabled STATE: Enabled STATUS limit is out of nominal range
2012.026.15.14.46.960	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.026.13.50.41.580	NMASME09	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.027.00.35.10.945	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.026.23.42.09.509	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.027.00.35.10.947	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.026.23.42.09.509	NMASME12	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.028.05.25.16.326	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.027.22.06.33.061	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.028.05.25.16.329	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.027.22.06.33.061	NMASME17	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.12.32.56.092	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.08.10.29.426	NTLHK022	VAL: Disabled STATE: Enabled STATUS limit is out of nominal range
2012.029.21.35.45.964	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10108	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.964	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10200	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.964	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10204	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.965	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10205	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.965	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10206	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.965	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10207	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.965	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10208	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.965	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10209	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.966	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10210	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.966	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10211	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.966	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM10212	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.966	1	BEHVlimitChecker	plpcprnm	WARNING	LOG 2012.029.18.12.12.424	SPM13202	VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.029.21.35.45.969	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM22167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.969	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM21167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.970	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM20167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.970	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM19167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.970	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM18167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.971	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM17167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.971	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM16167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.971	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM15167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.972	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM14167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.972	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM13167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.972	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM12172	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.973	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPM11167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.029.21.35.45.973	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	SPC02106	VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test
STATUS limit is out of nominal range							
2012.029.21.35.45.977	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	XNIRABST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.029.21.35.45.977	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	XNIRBCST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.029.21.35.45.977	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2012.029.18.12.12.424	XNIRCAST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range