



1 General Comments

The activities scheduled for this week are those planned for the CW21.

	Mon, 23-MAY-2011	Tue, 24-MAY-2011	Wed, 25-MAY-2011	THU, 26-MAY-2011	Fri, 27-MAY-2011	Sat, 28-MAY-2011	Sun, 29-MAY-2011
Zone_DomeConcordia_SEQ							
Int_LO_Phase_Cal_NoUnoise_FULL_NoEXT_SEQ							
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Vilspa_SEQ							
Short_Calibration_Full_OBOP_SEQ							

This week contained 3 consecutive Short Calibrations (**PMS Offset Calibration**) on the 26/05/11, and also X_Band passes over Svalbard and ESAC.

2 Mission Planning Deviation

None.



3 TC Failures

The weekly calibration of the PMS offsets scheduled on the 26/05/2011 failed.

From a planning point of view, we must avoid executing this calibration, which lasts less than 2 minutes, when the LO calibration sequence (or OBOP) is ongoing.

LO calibration is every 10 minutes.

The reason why the PMS Offset calibration failed was that during the execution of this calibration the LO Cal OBOP started.

4 Unforseen Out Of Limits (OOLs)

Parameter	Description	OOL Time	Value

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

5 On Board Anomalies

CMN_Unlock H1 on 25/05/11 at 00:15:25 UTC → re-locked properly

No MM Latch-Ups in the period.



6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2011.143.08.13.04.542	200CA3C
RAM single Bit Error	WARN	2011.143.21.05.04.963	228DCCC
CMN_Transaction_Failure	ALARM	2011.146.14.38.51.134	Error Status Link
CMN_Transaction_Failure	ALARM	2011.146.14.38.51.154	Error Status Link
Triggered_Task_Overrun	ERROR	2011.146.14.38.51.154	Task ID Slot
CMN_Transaction_Failure	ALARM	2011.146.14.38.52.324	Error Status Link
CMN_Transaction_Failure	ALARM	2011.146.14.38.52.344	Error Status Link
Triggered_Task_Overrun	ERROR	2011.146.14.38.52.354	Task ID Slot
CMN_Transaction_Failure	ALARM	2011.146.14.38.53.554	Error Status Link

7 FOS System Status

Still some error messages linked to sftp connectivity, but not affecting operations.

8 Data Reception from CNES

On 29/05, TM generated in the past (on 27/05) was received at ESAC together with the expected TM from AUS-18 @ 04:54 UTC.

This reception of past TM caused that the TCO (Time Correlation) Server disconnected, and all the TM received from that point to 30/05 in the morning was not properly time-stamped on ground.

We have had to re-ingest all that TM and then the problem was solved.



9 X-Band Data Reception in PXMF

No events on-board in the period were causing loss of sensed data.

10 Exceptional Activities

The recovery of the MM Partition 0 Latch-up, which occurred on 08/05/2011 @ 13:34 UTC was successfully executed on 11/05/2011.

A **Gyro Calibration** from CNES on 24/05/2011 → S/C was in external attitude from 01:30 to 03:15 UTC.

11 AOB

None.



APPENDIX A: OOL's

Event Logger printout from time: 2011.143.00.00.000 to time: 2011.150.00.00.000

Current printout time: 2011.151.14.04.46.822

Filter info:

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

Event time	Stream	Application	Workstation	Severity	Type	Message
2011.143.02.40.32.338	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.142.21.15.09.699 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.143.02.40.32.341	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.142.21.15.09.699 NMASME18 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.143.02.42.32.909	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.142.22.24.13.328 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.143.02.42.32.912	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.142.22.24.13.328 NMASME18 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.144.06.56.31.781	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.144.01.33.22.601 NTLHK022 VAL: Disabled STATE: Enabled STATUS limit is out of nominal range
2011.145.04.36.21.508	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.145.00.15.25.745 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2011.145.04.36.21.510	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.145.00.15.25.745 SPM11162 VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.146.21.28.34.569	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.146.14.38.53.364 SPM14147 VAL: ERROR STATE: OK STATUS limit is out of nominal range
2011.146.21.28.34.640	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.146.14.38.54.564 SPM11147 VAL: ERROR STATE: OK STATUS limit is out of nominal range
2011.149.05.26.46.547	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.39.702 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.46.977	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.40.902 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.47.421	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.42.102 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.47.866	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.43.302 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.48.309	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.44.502 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.48.758	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.42.45.702 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.57.010	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.28.902 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.57.458	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.30.102 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.57.897	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.31.302 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.58.346	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.32.502 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.58.798	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.33.702 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.59.246	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.34.902 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.26.59.693	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.36.102 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.00.141	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.43.37.302 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.07.961	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.18.102 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.08.410	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.19.302 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.08.857	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.20.503 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.09.301	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.21.703 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.09.752	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.22.903 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.10.185	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.24.103 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.10.634	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.25.303 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.11.078	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.44.26.503 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.18.882	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.45.04.903 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.19.330	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.45.06.103 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.19.778	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.45.07.303 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.20.227	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.45.08.503 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.149.05.27.20.674	1	BEHVlimitChecker	plpcprn	ERROR	LOG	2011.147.00.45.09.703 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range

