



# 1 General Comments

The activities scheduled for this week are those planned for the CW24.

	Mon, 13 JUN 2011	Tue, 14 JUN 2011	Wed, 15 JUN 2011	Thu, 16 JUN 2011	Fri, 17 JUN 2011	Sat, 18 JUN 2011	Sun, 19 JUN 2011
Int_IO_Phase_Cal_NoInoise_FULL_NoEXT_SEQ	[Solid black bar]						
XB_Cmd_Downlink_Svalb_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
SBand_Visibility_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
XB_Cmd_Downlink_Ylspa_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
External_Calibration_NIR_Full_OBOP_SEQ			[Blue bar]				
Update_Cyclic_IO_Ph_Cal_NoU_Full_EXT_SEQ			[Up arrow]				
Int_IO_Phase_Cal_NoInoise_FULL_EXT_SEQ			[Black bar]				
Disable_Cyclic_Function_SEQ			[Up arrow]				
Enable_Cyclic_Function_SEQ			[Up arrow]				
Update_Cyclic_IO_Ph_Cal_NoU_Full_NoEXT_SEQ			[Up arrow]				
Short_Calibration_Full_OBOP_SEQ				[Vertical bar]			

This week contained a **NIR** External Calibration on the 15/06/11 with **ETO** at **01:18 UTC** + **PMS Offset Calibration** afterwards on the 16/06/11, and also X\_Band passes over Svalbard and ESAC.

# 2 Mission Planning Deviation

None.



### 3 TC Failures

None

### 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

One MM Partition 2 Latch-Up, on the 15/06 at 00:12:21 UTC with no data loss involved.

No CMN Unlocks in the period.

### 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2011.164.08.31.31.629	22E1AD8



---

## **7 FOS System Status**

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

On the 13/06, the TCO (Time Correlation) Server was not OK about 19:16 UTC, and all the TM received from that point to the following morning was not properly time-stamped on ground. Re-ingestion of all that TM

## **8 Data Reception from CNES**

No TM data from KER-31 dump (on the 15/06/2011 @ 13:03 UTC) due to a configuration problem.

## **9 X-Band Data Reception in PXMF**

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

## **10 Exceptional Activities**

On the 16/06, it was the execution on-board of the recovery strategy for the MM latched-up Partition 2 at 22:00 UTC.

## **11 AOB**

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2011.164.00.00.00.000 to time: 2011.171.00.00.00.000  
Current printout time: 2011.171.09.02.10.780  
Filter info:  
Application : BEHVlimitChecker  
Workstation : All  
Packets type : All  
Packets severity : All  
Message filter : out

Event time	Stream	Application	Workstation	Severity	Type	Message
2011.164.19.16.42.669	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.34.01.339 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.16.59.621	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.04.940 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.00.063	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.06.140 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.00.511	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.07.340 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.00.958	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.08.540 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.01.406	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.09.740 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.01.799	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.10.940 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.02.137	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.12.140 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.02.472	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.13.340 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.02.807	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.14.540 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.03.142	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.15.740 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.03.479	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.16.940 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.03.811	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.18.140 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.04.146	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.19.340 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.164.19.17.04.483	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.14.35.20.530 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.22.13.421	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.15.44.910 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.22.15.622	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.07.21.17.378 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.25.22.458	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.16.38.910 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.26.09.382	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.16.40.110 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.26.36.637	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.16.41.310 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.26.47.990	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.16.42.510 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.26.53.008	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.02.16.43.710 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.27.08.889	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.165.07.21.18.059 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.34.03.009	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.19.15.02.933 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.165.07.34.17.432	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.164.19.23.18.276 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2011.166.03.54.22.047	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.166.00.12.21.611 DMASME37 VAL: False STATE: True STATUS limit is out of nominal range
2011.166.03.54.22.049	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.166.00.12.21.611 DMASME10 VAL: OFF STATE: ON STATUS limit is out of nominal range
2011.166.19.40.14.016	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.166.16.01.38.934 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.166.19.40.14.017	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.166.16.01.38.934 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.167.07.02.26.680	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.166.21.45.28.320 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.167.07.02.26.684	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.166.21.45.28.320 NMASME17 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.07.03.795	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.22.00.01.508 NMASME09 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.56.796	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.04.47.153 NMASME08 VAL: 221 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.56.798	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.04.47.153 NMASME09 VAL: 162 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.56.800	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.04.47.153 NMASME12 VAL: 221 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.56.956	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.04.53.153 NMASME08 VAL: 159 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.56.957	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.04.53.153 NMASME12 VAL: 159 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.59.589	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.06.23.154 NMASME08 VAL: 242 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.08.59.591	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.06.23.154 NMASME12 VAL: 242 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.09.05.898	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.09.59.156 NMASME08 VAL: 202 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.05.09.05.899	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.23.09.59.156 NMASME12 VAL: 202 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.168.06.54.54.004	1	BEHVlimitChecker		plpcprn	ERROR	LOG 2011.167.20.13.03.850 DMASME10 VAL: OFF STATE: ON STATUS limit is out of nominal range
2011.168.06.58.00.770	1	BEHVlimitChecker		plpcprn	WARNING	LOG 2011.167.22.00.01.508 NMASME09 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range



## Operations Notes

SMOS FOS Team @ ESAC

Topic:

**FOS Report for week 24**

Date:

from the 13/06/11 to the 20/06/11

Page:

2011.168.06.59.53.760	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.04.47.153	NMASME08	VAL: 221	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.53.760	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.04.47.153	NMASME09	VAL: 162	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.53.760	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.04.47.153	NMASME12	VAL: 221	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.53.935	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.04.53.153	NMASME08	VAL: 159	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.53.937	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.04.53.153	NMASME12	VAL: 159	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.56.547	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.06.23.154	NMASME08	VAL: 242	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.06.59.56.550	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.06.23.154	NMASME12	VAL: 242	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.07.00.02.918	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.09.59.156	NMASME08	VAL: 202	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.168.07.00.02.922	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.167.23.09.59.156	NMASME12	VAL: 202	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.04.39.44.284	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.169.20.03.39.004	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.04.39.44.286	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.169.20.03.39.004	NMASME10	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.21.25.421	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.13.13.37.167	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.21.25.423	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.13.13.37.167	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.23.26.056	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.14.22.40.816	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.23.26.058	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.14.22.40.816	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.25.31.582	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.15.34.16.854	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range
2011.170.20.25.31.587	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.170.15.34.16.854	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT limit is out of nominal range