



# 1 General Comments

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

	MAY-2013						
	Mon, 20-MAY-2013	Tue, 21-MAY-2013	Wed, 22-MAY-2013	Thu, 23-MAY-2013	Fri, 24-MAY-2013	Sat, 25-MAY-2013	Sun, 26-MAY-2013
XB_Cmd_Downlink_Svalb_SEQ							
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
XB_Cmd_Downlink_Vilsba_SEQ							
SBand_Visibility_SEQ							
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ				↑			
External_Calibration_NIR_Full_OBOP_SEQ				█			
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ				█			
Disable_Cyclic_Function_SEQ				↑		↑	
Enable_Cyclic_Function_SEQ				↑		↑	
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ				↑			
PMS_Offset_Calibration_Full_SEQ							

This week is scheduled.

Write down the main activities.

- One External Calibration (NIR) with Inertial Pointing scheduled on 22/05 (ETO = 16:27:26 UTC)
- 3 PMS Offset Calibration scheduled on 23/05/2013
- X-Band Passes over ESAC and Svalbard.

# 2 Mission Planning Deviation

None

# 3 TC Failures

None.



## 4 Unforeseen Out Of Limits (OOLs)

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

## 5 On Board Anomalies

One DB Bit Error on 23/05/2013 at 02:32:24z

One MM Latchup on P2 on 24/2013 at 21:25:27z

## 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	Warn	2013.143.02.32.24.313	204588C

## 7 FOS System Status

Installation of new FOSEXT system.

Disk error in plpcprm array. Disk removed and reinstalled again on week 22. No major problems ofund.

## 8 Data Reception from CNES

Identified a gap (184 missing packets) in the TM received on the 25/05/2013 from AUS18 @ 05:09:41 UTC.

The onboard time ranges from 03:50:07 to 03:51:56

CNES OPS team reported same TM gap in the HKTM, probably due to a ground station anomaly. They have raised an anomaly report..

## 9 X-Band Data Reception in PXMF

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

## 10 Exceptional Activities

- MM Latchup on P2 on 24/05/13 with no data loss. Partition was recovered (timed-tagged execution of PRO-CRP-800) on the week 22.

## 11 AOB

None.



# Operations Notes

FOS Team @ ESAC

Topic:

Date:

Issue:

**FOS Report for week 21**  
from the 20/05/13 to the 27/05/13

**1.0**

---



## APPENDIX A: OOL's

Event Logger printout from time: 2013.140.00.00.00.000 to time: 2013.147.00.00.00.000  
 Current printout time: 2013.147.00.00.00.000

Filter info:

Application : BEHVlimitChecker  
 Workstation : All  
 Packets type : All  
 Packets severity : WARNING, INFORMATION (excluded)  
 Message filter :

Event time	Stream	Application	Workstation	Severity	Type	Message
2013.140.06.58.33.371	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.139.23.27.39.284 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.06.58.33.374	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.139.23.27.39.284 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.00.49.848	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.00.36.42.917 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.00.49.852	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.00.36.42.917 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.02.33.128	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.01.48.03.355 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.02.33.130	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.01.48.03.355 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.04.39.309	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.02.57.08.195 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.04.39.313	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.02.57.08.195 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.06.52.618	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.04.06.11.832 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.06.52.621	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.04.06.11.832 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.08.23.974	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.04.56.51.463 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.08.23.975	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.04.56.51.463 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.08.59.193	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.05.15.16.679 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.140.07.08.59.195	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.140.05.15.16.679 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.28.22.048	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.04.27.11.470 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.28.22.049	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.04.27.11.470 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.30.32.118	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.05.36.16.283 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.30.32.120	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.05.36.16.283 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.32.43.493	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.06.45.19.934 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.32.43.523	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.06.45.19.934 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.34.43.790	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.07.48.06.769 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.34.43.791	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.07.48.06.769 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.34.59.061	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.07.56.30.772 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.09.34.59.064	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.07.56.30.772 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.54.15.471	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.05.34.423 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.54.15.475	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.05.34.423 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.54.42.174	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.20.58.436 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.54.42.179	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.20.58.436 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.55.01.560	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.29.29.643 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.55.01.569	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.09.29.29.643 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.56.23.429	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.10.14.39.266 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.56.23.442	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.10.14.39.266 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.56.50.975	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.10.30.03.266 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.56.50.977	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.10.30.03.266 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.58.04.505	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.11.10.38.082 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.58.04.506	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.11.10.38.082 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.141.13.58.27.701	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.141.11.24.12.889 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range

















## Operations Notes

FOS Team @ ESAC

Topic:

Date:

Issue:

**FOS Report for week 21**  
from the 20/05/13 to the 27/05/13

**1.0**

2013.147.04.03.50.440	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.01.36.17.450	NMASME13	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.05.17.775	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.02.16.57.060	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.05.17.780	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.02.16.57.060	NMASME20	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.06.05.768	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.02.39.31.859	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.06.05.771	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.02.39.31.859	NMASME13	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.06.52.509	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.03.20.11.509	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.06.52.513	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.03.20.11.509	NMASME20	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.07.36.563	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.03.42.47.514	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.147.04.07.36.564	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.147.03.42.47.514	NMASME13	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range