



## 1 General Comments

The activities scheduled for this week are those planned for the CW37.

	SEP-2011						
	Mon, 12-SEP-2011	Tue, 13-SEP-2011	Wed, 14-SEP-2011	Thu, 15-SEP-2011	Fri, 16-SEP-2011	Sat, 17-SEP-2011	Sun, 18-SEP-2011
Int_LO_Phase_Cal_NoIrradiance_FULL_NoEXT_SEQ							
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Vilspa_SEQ							
Zone_Danube_SEQ							
Zone_Amama*Mal_SEQ							
Zone_Valencia_SEQ							
Short_Calibration_Full_DBOP_SEQ							

This week contained a **PMS Offset Calibration** on the 15/09/11, and also X\_Band passes over ESAC and Svalbard.

## 2 Mission Planning Deviation

None from agreed plan.

## 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 MM Partition 5 Latch-Up, on the 13/09/2011 at 21:06:45 UTC with no data loss involved thanks to the overlap.

No CMN Unlocks in the period.

*REMARK: Since mid August, we are experiencing again the single bit's being stuck in the MM, and detected and corrected by the scrubbing function. Whereas in 2010 the situation happened for partition 4, this time the affected partitions have been 7, 1 and 5.*

*In the case of P7, lasts longer than in the case of P4 (in the range of days), and so far, for P7 and P5 have disappeared by themselves, at the present moment the P1 is still being flagged.*

*A correlation of the affected partitions with Latch-ups shows that in some cases (P7 and P1) the SB's follow several days after a latch-up on the given partition. In the case of P5, there was a latch-up but after the SB had started on it.*

## 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2011.255.20.19.27.026	205EC98
RAM single Bit Error	WARN	2011.256.23.03.35.112	2167FA8
RAM single Bit Error	WARN	2011.256.23.04.56.713	2173DA8
RAM single Bit Error	WARN	2011.256.23.05.24.314	2177DA0
RAM single Bit Error	WARN	2011.258.11.42.32.722	20E682C
RAM single Bit Error	WARN	2011.258.11.54.11.142	214CDC4



## **7 FOS System Status**

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

## **8 Data Reception from CNES**

No gaps nor missing passes in the period.

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

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

## **10 Exceptional Activities**

Concerning the two past Latch-Ups on P9 and P2 that occurred on 09/09/2011 and on 10/09/2011 respectively, their recovery took place on 12/09/2011 @ 23:20 UTC.

Execution of the PRO-CRP-800 procedure for recovery of the MM Latch-Up P5 on 15/09/2011 @ 04:00 UTC.

## **11 AOB**

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2011.255.00.00.00.000 to time: 2011.262.07.37.32.329

Current printout time: 2011.262.07.38.22.266

Filter info:

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

Event time	Stream	Application	Workstation	Severity	Type	Message
2011.255.02.51.53.195	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.19.25.25.713 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.51.53.200	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.19.25.25.713 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.53.33.433	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.20.22.52.162 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.53.33.434	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.20.22.52.162 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.55.13.660	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.21.20.18.585 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.55.13.662	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.21.20.18.585 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.57.05.311	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.22.18.13.822 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.57.05.312	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.22.18.13.822 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.58.45.543	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.15.40.262 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.58.45.545	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.15.40.262 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.59.18.032	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.34.16.256 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.59.18.035	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.34.16.256 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.59.36.234	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.44.41.470 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.02.59.36.235	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.254.23.44.41.470 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.00.25.904	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.00.13.06.670 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.00.25.905	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.00.13.06.670 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.00.58.283	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.00.31.42.690 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.00.58.284	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.00.31.42.690 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.06.107	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.10.33.107 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.06.109	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.10.33.107 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.27.227	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.22.31.922 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.27.229	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.22.31.922 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.39.932	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.29.49.925 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.02.39.934	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.01.29.49.925 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.03.48.002	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.02.08.40.351 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.03.03.48.003	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.02.08.40.351 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.43.23.860	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.02.27.15.167 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.43.23.861	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.02.27.15.167 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.44.22.285	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.03.00.42.775 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.44.22.286	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.03.00.42.775 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.44.33.339	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.03.06.59.578 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.44.33.340	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.03.06.59.578 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.46.13.636	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.04.04.26.017 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.46.13.639	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.04.04.26.017 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.47.53.923	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.05.01.51.241 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.47.53.924	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.05.01.51.241 NMASME11 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2011.255.09.48.26.252	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2011.255.05.20.27.238 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 37**  
from the 12/09/11 to the 19/09/11

**1.0**

2011.256.00.36.14.313	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.255.23.35.39.843	NMASME08	VAL: 91	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.00.36.14.314	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.255.23.35.39.843	NMASME12	VAL: 91	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.03.47.15.921	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.00.12.53.070	NMASME08	VAL: 69	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.03.47.15.924	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.00.12.53.070	NMASME09	VAL: 196	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.03.47.15.927	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.00.12.53.070	NMASME19	VAL: 69	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.03.47.25.367	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.00.18.20.675	NMASME08	VAL: 104	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.03.47.25.369	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.00.18.20.675	NMASME19	VAL: 104	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.10.52.43.446	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.09.16.14.970	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.10.52.43.448	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.09.16.14.970	NMASME16	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.13.29.25.423	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.11.31.31.849	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.13.29.25.429	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.11.31.31.849	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.19.35.53.240	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.15.12.13.961	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2011.256.19.35.53.244	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2011.256.15.12.13.961	NMASME17	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range