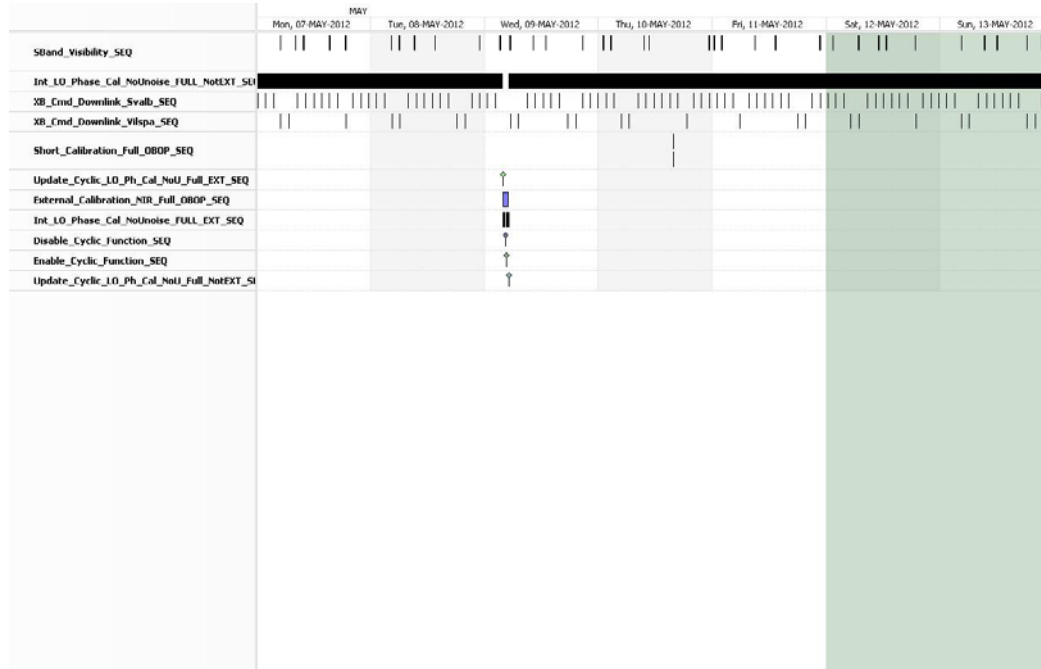




# 1 General Comments

The activities scheduled for this week are those planned for the CW19.



This week contained a **NIR External Calibration** on the 09/05/2012 with **ETO** at **04:32 UTC** + **PMS Offset Calibration** on the 10/05/2012 in the afternoon, and also 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

CCU Reset on the 07/05/2012 at 00:20 UTC at the end of a pass over SVAL. The recovery of the CCU Reset was at 08:30 UTC on the same day.

One MM Latch-Up on **Partition 4** on the 11/05/2012 at 19:57:59 UTC with no data loss.

No CMN\_Unlocks in the period.

## 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
MM_Error_Counters_Acquisition_Failure	ALARM	2012.128.00.20.33.299	No Response
MM_Scrub_Frequency_Acquisition_Failure	ALARM	2012.128.00.20.33.319	No Response
MM_Address_Acquisition_Failure	ALARM	2012.128.00.20.33.359	No Response
MM_Science_Write_Failure	ALARM	2012.128.00.20.33.609	Link Problem
RAM single Bit Error	WARN	2012.128.00.21.07.739	21B72F0
RAM single Bit Error	WARN	2012.132.21.49.51.210	21FF2C8

## 7 FOS System Status

None.

## 8 Data Reception from CNES

No gaps nor missing passes in the period.



---

## 9 X-Band Data Reception in PXMF

The CCU Reset on the 07/05/2012 caused **3 min and 36 seconds** of TM lost.

## 10 Exceptional Activities

Autonomous CCU Reset on 07/05/2012 @ 00:20 UTC

- **PRO-CRP-100** to reconfigure the PLM was executed over the S\_Band pass (KRU @ 08:15 UTC) on the 07/05/2012.
- Instrument reprogramming was regained at 10:20 UTC on the same day with a X\_Band dump over SVAL.

MM Latch-Up on P4 on 11/05/2012 @ 19:57:59 UTC

- Recovery of MM Partition 4 Latch-Up (time-tagged execution of **PRO-CRP-800**) on the 15/05/2012 @ 23:45 UTC.

## 11 AOB

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2012.128.00.00.00.000 to time: 2012.135.00.00.00.000

Current printout time: 2012.142.08.03.41.094

Filter info:

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

Event time	Stream	Application	Workstation	Severity	Type	Message
2012.128.05.38.05.278	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.05.38.05.260 NN060057 VAL: 40062 LOW :49348 HIGH :49348 SOFT limit is out of nominal range
2012.128.05.38.05.281	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.05.38.05.260 NN060058 VAL: 40062 LOW :49348 HIGH :49348 SOFT limit is out of nominal range
2012.128.05.38.05.299	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10108 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.301	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10200 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.302	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10204 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.304	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10205 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.305	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10206 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.306	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10207 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.307	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10208 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.309	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10209 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.310	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10210 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.312	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10211 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.313	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM10212 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.315	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.00.21.07.239 SPM13202 VAL: 128 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.05.38.05.320	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM22167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.322	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM21167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.323	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM20167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.325	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM19167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.327	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM18167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.329	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM17167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.331	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM16167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.333	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM15167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.335	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM14167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.336	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM13167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.338	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM12172 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.340	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.128.05.38.05.341	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 SPC02106 VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test STATUS limit is out of nominal range
2012.128.05.38.05.347	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 XNIRABST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.128.05.38.05.348	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 XNIRBCST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.128.05.38.05.350	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.00.21.07.239 XNIRCAST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.128.10.16.22.253	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2012.128.08.18.56.703 NTLHK022 VAL: Disabled STATE: Enabled STATUS limit is out of nominal range
2012.128.10.16.27.478	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.08.21.30.304 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.128.10.16.27.480	1	BEHVlimitChecker		plpcprm	WARNING	LOG 2012.128.08.21.30.304 NMASME19 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 19**  
from the 07/05/12 to the 14/05/12

**1.0**

2012.132.23.19.36.792	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.20.14.09.859	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.132.23.19.36.793	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.20.14.09.859	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.132.23.21.27.322	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.21.17.25.498	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.132.23.21.27.324	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.21.17.25.498	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.132.23.23.17.670	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.22.20.39.946	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.132.23.23.17.671	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.22.20.39.946	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.01.50.24.375	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.23.24.33.964	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.01.50.24.377	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.132.23.24.33.964	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.01.52.14.916	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.00.27.49.602	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.01.52.14.918	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.00.27.49.602	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.30.56.758	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.01.31.04.047	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.30.56.761	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.01.31.04.047	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.32.49.826	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.02.35.48.463	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.32.49.829	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.02.35.48.463	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.34.40.161	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.03.39.04.107	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.34.40.162	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.03.39.04.107	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.36.40.798	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.04.42.18.548	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.36.40.802	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.04.42.18.548	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.38.31.420	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.05.45.40.186	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.38.31.422	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.05.45.40.186	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.40.21.824	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.06.48.54.605	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.07.40.21.826	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.06.48.54.605	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.30.24.812	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.07.52.10.235	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.30.24.814	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.07.52.10.235	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.32.19.828	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.08.58.01.883	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.32.19.832	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.08.58.01.883	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.34.10.162	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.10.01.17.519	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.34.10.165	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.10.01.17.519	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.36.00.681	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.11.04.31.957	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.11.36.00.684	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.11.04.31.957	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.13.08.34.442	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.12.07.47.583	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.13.08.34.444	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.12.07.47.583	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.13.13.939	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.13.12.14.023	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.13.13.941	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.13.12.14.023	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.15.04.346	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.14.15.29.651	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.15.04.348	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.14.15.29.651	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.16.54.819	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.15.18.45.299	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.16.54.821	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.15.18.45.299	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.18.49.446	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.16.24.16.522	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.18.49.448	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.16.24.16.522	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.20.39.982	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.17.27.30.955	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.20.39.984	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.17.27.30.955	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.22.30.383	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.18.30.46.599	NMASME08	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range
2012.133.19.22.30.385	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.133.18.30.46.599	NMASME20	VAL: 1	LOW	:0	HIGH	:0	SOFT	limit is out of nominal range