Operations Notes

FOS Team @ ESAC

Topic:
Date:
Issue:

FOS Report for week 17
from the 23/04/12 to the 30/04/12
1.0

1   General Comments

The activities scheduled for this week are those planned for the CW17.

This week contained a **NIR** External Calibration on the 25/04/2012 with **ETO** at **03:36 UTC** + **PMS Offset Calibration** on the 26/04/2012 in the afternoon, and also X_Band passes over ESAC and Svalbard.

2   Mission Planning Deviation

None.

3   TC Failures

None.

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4 Unforseen Out Of Limits (OOLs)

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

5 On Board Anomalies

CMN_Unlock **B3** on the 27/04 at 05:19:55 UTC with proper re-locking afterwards.

No MM Partition Latch-Ups nor autonomous CCU Resets in the period.

6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2012.117.09.48.49.206	21436D4
RAM single Bit Error	WARN	2012.117.21.36.35.186	218FF24
RAM single Bit Error	WARN	2012.119.04.40.16.256	2018110

7 FOS System Status

Time Correlation (TCO Server) lost on the 27/04/2012 in PLPC. There was no impact to CNES.

8 Data Reception from CNES

No gaps nor missing passes in the period.

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9   X-Band Data Reception in PXMF

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

10 Exceptional Activities

None.

11 AOB

None.

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APPENDIX A: OOL's

```
Event Logger printout from time: 2012.114.00.00.00.000 to time: 2012.121.00.00.00.000
Current printout time: 2012.142.08.02.45.809
Filter info:
  Application      : BEHVlimitChecker
  Workstation      : All
  Packets type     : All
  Packets severity : All
  Message filter   : out


Event time             Stream Application Workstation Severity    Type      Message
-----------------------------------------------------------------------------------------------------------------------------------
2012.114.09.43.11.106    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.112.13.40.52.171 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.114.09.43.11.107    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.112.13.40.52.171 NMASME10 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.117.02.14.07.603    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.116.22.08.02.741 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.117.02.14.07.604    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.116.22.08.02.741 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.117.13.30.34.893    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.117.10.59.47.545 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.117.13.30.34.894    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.117.10.59.47.545 NMASME14 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.118.10.07.35.322    1  BEHVlimitChecker   plpcprm    ERROR       LOG 2012.118.05.19.55.324 SPM19167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2012.118.10.09.46.426    1  BEHVlimitChecker   plpcprm    ERROR       LOG 2012.118.06.35.01.378 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.118.10.09.47.205    1  BEHVlimitChecker   plpcprm    ERROR       LOG 2012.118.10.09.46.447 TCO_FLAG VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2012.120.04.02.52.543    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.120.04.02.52.528 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.120.04.02.52.545    1  BEHVlimitChecker   plpcprm    WARNING     LOG 2012.120.04.02.52.528 NMASME18 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
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