Operations Notes

FOS Team @ ESAC

Topic:
Date:
Issue:
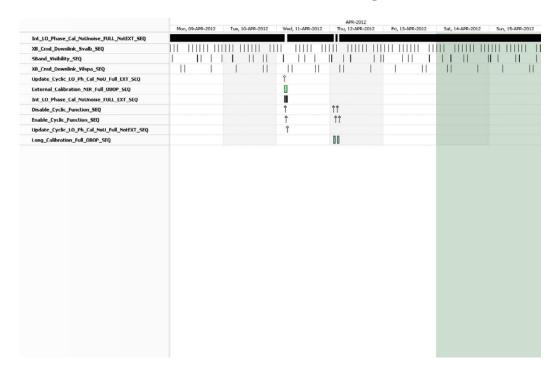
FOS Report for week 15
from the 09/04/12 to the 16/04/12
1.0

1 General Comments

The activities scheduled for this week are those planned for the CW15.

This week contained a **NIR** External Calibration on the 11/04/2012 with **ETO** at **04:14 UTC** + **2 Long Calibrations** (internal ones) scheduled on the 12/04/2012 in the morning, 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

No MM Partition Latch-Ups nor CMN_Unlocks in the period.
No 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	2012.102.19.37.01.980	23E3318
RAM single Bit Error	WARN	2012.102.22.20.59.661	218456C
RAM single Bit Error	WARN	2012.104.20.45.57.545	2121374
RAM single Bit Error	WARN	2012.105.00.19.19.264	20746D8

7 FOS System Status

None.

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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SMOS	*FOS Team @ ESAC*	Date:	from the 09/04/12 to the 16/04/12
		Issue:	**1.0**

APPENDIX A: OOL's

```
Event Logger printout from time: 2012.100.00.00.00.000 to time: 2012.107.00.00.00.000
Current printout time: 2012.107.09.34.51.392
Filter info:
  Application      : BEHVlimitChecker
  Workstation      : All
  Packets type     : All
  Packets severity : All
  Message filter   : out


Event time              Stream Application Workstation Severity    Type      Message
---------------------------------------------------------------------------------------------------------------------------------
2012.100.01.40.25.240     1  BEHVlimitChecker    plpcprm    WARNING    LOG 2012.099.22.05.30.445 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.100.01.40.25.243     1  BEHVlimitChecker    plpcprm    WARNING    LOG 2012.099.22.05.30.445 NMASME21 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.105.03.19.30.203     1  BEHVlimitChecker    plpcprm    WARNING    LOG 2012.104.21.04.37.871 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.105.03.19.30.205     1  BEHVlimitChecker    plpcprm    WARNING    LOG 2012.104.21.04.37.871 NMASME19 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
```