Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:	**FOS Report for week 44**
Date:	from the 27/10/14 to the 03/11/14
Issue:	**1.0**

1 General Comments

The activities scheduled for this week are those planned for calendar week 44 of year 2014, from 27/10/2014 to 03/11/2014 (DOYs 300 to 307).

The following routine activities were planned during this week (see Gantt chart on next page):

- X-band passes over ESAC and Svalbard.
- Orbit Correction Manoeuvre scheduled on 27/10/2014 at 22:57:47z. The affected time period for the manoeuvre will be from 22:48:13z to 23:08:04z, data for that period will be flagged as usual with an external APID.
- One NIR External Calibration on 29/10/2014 with ETO at 19:25:58z with the following calibration values.
    Brightness Temperature=3.83708
    RMS= 0.644248
    Sun Elevation above MIRAS=9.99
    RA=130.301228
    DEC=-16.031443
- One PMS offset including three Short Calibrations on day 30/10/2014 (orbit 26240) at 16:18:54.000z, 16:19:28.800 and 16:20:38.400.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.

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3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

The list of out limits received during this week can be seen in Appendix-A.

5 On Board Anomalies

No payload anomalies happened during the present reporting week

6 Telemetry On Board Events in the period.

The following RAM single bit errors happened during this week:

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2014.302.09.47.47.791	20E4DDC
RAM Single Bit Error	WARn	2014.306.20.02.21.658	23BEA80

7 FOS System Status

All FOS systems behaved nominal during this period.

8 Data Reception from CNES

All SBand passes of the week were correctly received from CNES and successfully processed by the FOS PLPC system.

9 X-Band Data Reception in PXMF

Not used during the present period.

10 Exceptional Activities

None

11 AOB

None.

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APPENDIX A: OOL's

No relevant Out of Limits were received during this week.