



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 02
from the 05/01/15 to the 12/01/15

1.0

1 General Comments

The activities scheduled for this week are those planned for calendar week 02 of year 2015, from 05/01/2015 to 12/01/2015 (DOYs 005/2015 to 012/2015).

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

- X-band passes over ESAC and Svalbard.
- One PMS offset including three Short Calibrations on day 08/01/2015 (orbit 27248) at 17:59:30.000z, 18:00:04.800 and 18:01:39.600.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



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	JAN-2015						
	Mon, 05-JAN-2015	Tue, 06-JAN-2015	Wed, 07-JAN-2015	Thu, 08-JAN-2015	Fri, 09-JAN-2015	Sat, 10-JAN-2015	Sun, 11-JAN-2015
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
XB_Cmd_Downlink_Svalb_SEQ	[Vertical tick marks]						
SBand_Visibility_SEQ	[Vertical tick marks]						
XB_Cmd_Downlink_Vilspa_SEQ	[Vertical tick marks]						
Disable_Cyclic_Function_SEQ	[Vertical line with diamond marker on Thu, 08-JAN-2015]						
PMS_Offset_Calibration_Full_SEQ	[Vertical line with diamond marker on Thu, 08-JAN-2015]						
Enable_Cyclic_Function_SEQ	[Vertical line with diamond marker on Thu, 08-JAN-2015]						



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 this reporting week.

The recovery of the Mass Memory latch up that happened on day 01/01/2015 was performed on day 07/01/2015 at 14:00z via CRF 470_bis.

6 Telemetry On Board Events in the period.

The following RAM single bit errors were received during this reporting week.

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2015.009.09.26.56.682	23B6BE0
RAM Single Bit Error	WARN	2015.009.21.44.09.558	23E6398

7 FOS System Status

All FOS systems behaved nominal during this period except the following minor contingency:

- On 05/01/2015 the FOS DPGSDSCNS network switch, had an anomaly in one of the two power supplies. The anomaly was solved by replacing the faulty power supply by a spare one provided by DPGS team at ESAC.

8 Data Reception from CNES

All SBand passes of the week were correctly received from CNES and successfully processed by the FOS PLPC system except the following minor problem:

- On 10/01/2015 during GS pass KER-18, six instrument telemetry packets were lost for OBT 23:53:30z and for day 09/01/2015.

9 X-Band Data Reception in PXM

Not used during the present period.



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10 Exceptional Activities

None.

11 AOB

None.



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APPENDIX A: OOL's

No relevant Out of Limits were received during this reporting week.