



1 General Comments

The activities scheduled for this week are those planned for calendar week 03 of year 2015, from 12/01/2015 to 19/01/2015 (DOYs 012/2015 to 019/2015).

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

- X-band passes over ESAC and Svalbard.
- One NIR External Calibration on 14/01/2015 with ETO at 05:27:05z with the following calibration values.
Brightness Temperature= 3.646842
RMS=0.069624
Sun Elevation above MIRAS= 9.932332
RA=20.755354
DEC=-16.028502
- One PMS offset including three Short Calibrations on day 15/01/2015 (orbit 27341) at 05:08:35.000z, 05:09:09.800 and 05:09:44.600.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 03
from the 12/01/15 to the 19/01/15

1.0

	JAN-2015						
	Mon, 12-JAN-2015	Tue, 13-JAN-2015	Wed, 14-JAN-2015	Thu, 15-JAN-2015	Fri, 16-JAN-2015	Sat, 17-JAN-2015	Sun, 18-JAN-2015
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Svalb_SEQ							
XB_Cmd_Downlink_Vilspa_SEQ							
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ			◇				
External_Calibration_NIR_Full_OBOP_SEQ			█				
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ			█				
Disable_Cyclic_Function_SEQ			◇	◇			
Enable_Cyclic_Function_SEQ			◇	◇			
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ			◇				
PMS_Offset_Calibration_Full_SEQ							



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 period.

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	2015.014.21.50.40.867	206FFBC
RAM Single Bit Error	WARN	2015.016.10.16.08.521	2377FFC
RAM Single Bit Error	WARN	2015.016.11.19.37.362	21A5DF0

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

The following exceptional event happened during this week:

11 AOB

None.

APPENDIX A: OOL's

No relevant Out of Limits happened during the present reporting week.