



1 General Comments

The activities scheduled for this week are those planned for calendar week 11 of year 2015, from 09/03/2015 to 16/03/2015 (DOYs 068/2015 to 075/2015).

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 11/03/2015 with ETO at 17:54:57z with the following calibration values.
Brightness Temperature= 4.661154
RMS=2.156973
Sun Elevation above MIRAS= 9.962230
RA= 276.859009
DEC= -64.513893
- One PMS offset including three Short Calibrations on day 12/03/2015 (orbit 28154) at 17:10:00.000z, 17:10:34.800 and 17:11:09.600.
- 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 11
from the 09/03/15 to the 16/03/15

1.0

	MAR-2015						
	Mon, 09-MAR-2015	Tue, 10-MAR-2015	Wed, 11-MAR-2015	Thu, 12-MAR-2015	Fri, 13-MAR-2015	Sat, 14-MAR-2015	Sun, 15-MAR-2015
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	████████████████████			████████████████████			
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Wilspa_SEQ							
External_Calibration_NIR_Full_OBOP_SEQ				▬			
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_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 OOL received this week were related to the Mass Memory latch up that happened on partition P3 on 14/03/2015.

5 On Board Anomalies

The following payload anomalies happened during this reporting period:

- A new Mass Memory Latch up in partition P3 happened on day 14/03/2015 at 11:10:50z. The geolocation of the event was over the South Atlantic area with the following geographical coordinates:

Lon= 285.26108

Lat= -19.362776

The anomaly was recovered on day 16/03/2015 at 14:35z via CRF-483.

6 Telemetry On Board Events in the period.

The following RAM single bit errors happened during the present report period:

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2015.068.21.19.22.674	23DA9DC

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 this week since all the SBand passes were correctly received and processed by FOS.

10 Exceptional Activities

None.



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11 AOB

None.



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APPENDIX A: OOL's

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2015.073.11.10.50.975	STATUS CHECK	DMASME09	OFF	ON	LU Switch P3
2015.073.11.10.50.975	STATUS CHECK	DMASME37	FALSE	TRUE	SDD LU Detected