



1 General Comments

The activities scheduled for this week are those planned for calendar week 48 of year 2014, from 24/11/2014 to 01/12/2014 (DOYs 328 to 334).

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 26/11/2014 with ETO at 16:16:30z with the following calibration values.
Brightness Temperature=3.762771
RMS= 0.402838
Sun Elevation above MIRAS=9.761208
RA=157.447006
DEC=-13.843574
- One PMS offset including three Short Calibrations on day 27/11/2014 (orbit 26644) at 18:35:00.000z, 18:35:34.800z and 18:36:09.600.
- 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 48
from the 24/11/14 to the 01/12/14

1.0

	NOV-2014						
	Mon, 24-NOV-2014	Tue, 25-NOV-2014	Wed, 26-NOV-2014	Thu, 27-NOV-2014	Fri, 28-NOV-2014	Sat, 29-NOV-2014	Sun, 30-NOV-2014
Int_LO_Phase_Cal_NoNoise_FULL_NotEXT_SEQ	████████████████████			████████████████████			
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Svalb_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_NoNoise_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

The following payload anomalies happened during this reporting period:

- A CMN unlock on H1 unit happened on day 26/11/2014 at 20:38:03z. Both unlock and power output parameters triggered OOL alarm in PLPC system. The geolocation of the event was over South America with the following coordinates:

Lat= -26.526528

Long= 316.262123

- A second CMN unlock in C3 unit took place on 26/11/2014 at 23:33:37z. In this case only the Unlock parameter triggered an alarm in the PLPC system. The geolocation of the event was over North America with the following coordinates:

Lat= 60.819668

Long= 291.933805

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	2014.334.12.05.45.306	23A5610

7 FOS System Status.

All FOS systems behaved nominal during this reporting week.

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.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 48
from the 24/11/14 to the 01/12/14

1.0

10 Exceptional Activities

None

11 AOB

None.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 48
from the 24/11/14 to the 01/12/14

1.0

APPENDIX A: OOL's

The following Out of Limits related to the two CMN unlocks anomalies happened during this week were received on the PLPC system

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2014.330.23.33.37.082	Hard-High	SPM22167	Unlock	LOCK	C3 LO_Locking
2014.330.20.38.10.580	Hard-High	SPM11167	NOT-OK	O.K	L3 O_Out_Power
2014.330.20.38.03.379	Hard-High	SPM11162	Unlock	LOCK	H1 LO_Locking