



## 1 General Comments

The activities scheduled for this week are those planned for calendar week 46 of year 2014, from 10/11/2014 to 17/11/2014 (DOYs 314 to 321).

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 12/11/2014 with ETO at 17:01:31z with the following calibration values.  
Brightness Temperature=3.781339  
RMS= 0.619451  
Sun Elevation above MIRAS=9.835335  
RA=143.641215  
DEC=-13.798765
- One PMS offset including three Short Calibrations on day 13/11/2014 (orbit 26441) at 16:01:26.000z, 16:02:00.800 and 16:02:35.800.
- Local oscillator calibration every 10 minutes.
- SMOS Eclipse season 2014-2015, started on day 13/11/2014 up to 29/01/2015. In total 1104 eclipses will take place in this period.

## 2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



# Operations Notes

FOS Team @ ESAC

Reported by: R. Fernández

Topic:

Date:

Issue:

**FOS Report for week 46**  
from the 10/11/14 to the 17/11/14

**1.0**

	NOV-2014						
	Mon, 10-NOV-2014	Tue, 11-NOV-2014	Wed, 12-NOV-2014	Thu, 13-NOV-2014	Fri, 14-NOV-2014	Sat, 15-NOV-2014	Sun, 16-NOV-2014
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	████████████████████			████████████████████			
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_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

- The anomaly recovery for the Mass Memory Latch up that happened on day 09/11/2014 at 10:40:02z for partition P10 was recovered on day 12/11/2014 at 18:00z via CRF-459.

### 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	2014.316.11.14.33.700	2001058

### 7 FOS System Status

- A network connection failure for SPGF-1 system happened on day 14/11/2014 around 11:00z. The machine was rebooted and the connection back to nominal after that reboot.

### 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.