



## 1 General Comments

The activities scheduled for this week are those planned for calendar week 09 of year 2014, from 24/02/2014 to 03/03/2014 (DOYs 055 to 062).

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 26/02/2014 with ETO at 15:18:07z with the following calibration values:  
Brightness Temperature=3.89519  
RMS=0.304144  
Sun Elevation above MIRAS= -13.174542  
RA= 239.445480  
DEC=38.705208
- Two consecutive Long Calibrations over the Pacific Ocean starting respectively on day 27/02/2014 at 15:43:30z and 17:23:30z
- 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

Topic:

Date:

Issue:

**FOS Report for week 09**

from the 24/02/14 to the 03/03/14

**1.0**

	FEB-2014						
	Mon, 24-FEB-2014	Tue, 25-FEB-2014	Wed, 26-FEB-2014	Thu, 27-FEB-2014	Fri, 28-FEB-2014	Sat, 01-MAR-2014	Sun, 02-MAR-2014
XB_Cmd_Downlink_Svalb_SEQ							
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Vilspa_SEQ							
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ			♦				
External_Calibration_NIR_Full_OBOP_SEQ			[Green bar]				
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ			[Black bar]				
Disable_Cyclic_Function_SEQ			♦	♦♦			
Enable_Cyclic_Function_SEQ			♦	♦♦			
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ			♦				
Long_Calibration_Full_OBOP_SEQ				[Two vertical bars]			



### 3 TC Failures

None.

### 4 Unforeseen Out Of Limits (OOLs)

None

### 5 On Board Anomalies

None.

### 6 Telemetry On Board Events in the period.

The following RAM Single bit errors were detected during the present reporting period.

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2014.057.21.18.46.955	23120F4
RAM Single Bit Error	WARN	2014.058.08.09.25.751	2168A5C
RAM Single Bit Error	WARN	2014.060.20.16.59.096	2143738
RAM Single Bit Error	WARN	2014.061.22.42.31.238	23B2A5C

### 7 FOS System Status

All FOS subsystems behaved nominally during the present reporting period.

### 8 Data Reception from CNES

All SBand passes have been nominally acquired and processed by FOS except Ausaguel pass number 1 on day 01/03/2014. For that pass a data gap on the PLPC system is clearly seen from 14:11:15z to 15:36:29z. CNES confirmed the anomaly on the PLTMS recovery system for that pass.

### 9 X-Band Data Reception in PXMF

Not used during the present reporting period

### 10 Exceptional Activities

None.



## **11 AOB**

None.



## **APPENDIX A: OOL's**

No relevant Out of Limits or errors were received during this reporting period.