



## 1 General Comments

The activities scheduled for this week are those planned for calendar week 52 of year 2013 from 23/12/2013 to 30/12/2013 (DOYs 357 to 364).

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

- X-band passes over ESAC and Svalbard.
- One PMS offset including three Short Calibrations on day 26/12/2013 (orbit 21809) at 18:25:00.000z, 18:25:34.800z and 18:26:09.600z
- Local oscillator calibration every 10 minutes.

## 2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



	DEC-2013						
	Mon, 23-DEC-2013	Tue, 24-DEC-2013	Wed, 25-DEC-2013	Thu, 26-DEC-2013	Fri, 27-DEC-2013	Sat, 28-DEC-2013	Sun, 29-DEC-2013
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
XB_Cmd_Downlink_Svalb_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
SBand_Visibility_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
XB_Cmd_Downlink_Yilspa_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
Disable_Cyclic_Function_SEQ				[Blue diamond]			
PMS_Offset_Calibration_Full_SEQ				[Blue diamond]			
Enable_Cyclic_Function_SEQ				[Blue diamond]			
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ							
External_Calibration_NIR_Full_OBOP_SEQ							
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ							
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ							
Long_Calibration_Full_OBOP_SEQ							



### 3 TC Failures

None.

### 4 Unforseen Out Of Limits (OOLs)

Two important Out of Limits happened during the rresetn reporting period related with the Double bit memory error on P0 on day 26/12/2013 and the CMN Unlock on B2 unit on the 24/12/2013. Further details can be found in Appendix-A of the present document.

### 5 On Board Anomalies

- One CMN Unlock on CMN unit B2 happened on day 24/12/2013 at 11:35:45z. The geolocation of the event was:  
Longitude=280.81  
Latitude=-23.865
- One Double Bit Memory Error in Mass Memory Partition P0 happened on day 26/12/2013 at 00:24:15.095z.

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

The following RAM single bit error were detected during this period:

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2013.360.09.46.08.708	21A44F4

### 7 FOS System Status

All FOS subsystems behaved nominally during the present reporting period.

### 8 Data Reception from CNES

All SBand passes were nominally acquired and processed by FOS.

### 9 X-Band Data Reception in PXMF

Not used during the present reporting period since no S-Band passes were lost during this week.



## **10 Exceptional Activities**

None.

## **11 AOB**

None



## APPENDIX A: OOL's

OBT	Severity	ERT	TM PARAM	ALARM VALUE	TYPE	CHECK VALUE	Message
2013.358.13.39.51.736	ERROR	2013.358.11.31.45.034	SPM18167	UNLOCK	STATE	LOCK	STATUS limit is out of nominal range
2013.358.13.39.51.737	ERROR	2013.358.11.31.45.034	SPM18162	NOT-OK	STATE	OK	STATUS limit is out of nominal range
2013.360.02.16.57.845	ERROR	2013.360.00.24.15.095	DMASME39	FALSE	STATE	TRUE	STATUS limit is out of nominal range