



## 1 General Comments

The activities scheduled for this week are those planned for calendar week 31 of year 2014, from 28/07/2014 to 04/08/2014 (DOYs 209 to 216).

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 31/07/2014 (orbit 24932) at 19:05:30.000z, 19:06:04.800 and 19:06:39.600.
- 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

Topic:  
Date:  
Issue:

**FOS Report for week 31**  
from the 28/07/14 to the 04/08/14  
**1.0**

	JUL-2014						
	Mon, 28-JUL-2014	Tue, 29-JUL-2014	Wed, 30-JUL-2014	Thu, 31-JUL-2014	Fri, 01-AUG-2014	Sat, 02-AUG-2014	Sun, 03-AUG-2014
Int_LO_Phase_Cal_NoNoise_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_Vilspa_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]			



### 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

No anomalies during the present period.

### 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	2014.210.20.18.34.503	2240DAC
RAM Single Bit Error	WARN	2014.210.20.21.28.930	20A413C
RAM Single Bit Error	WARN	2014.211.21.34.24.546	224B7F4

### 7 FOS System Status

All FOS systems behave nominal during this period.

### 8 Data Reception from CNES

All SBand passes have been nominally acquired and processed by FOS with the following exception:

On 01/08/2014 CNES inform that due to weather Red Alert over Aussaguel ground station, the antenna is likely to be set stuck to survival position..

In order to avoid on-call triggering after this pass, the MM download from AUS @ 19:25 pass was cancelled as well as all related automation for data provision.

Data collection and distribution was resumed with SKRN @20:56:14 pass. No gaps were produced.

### 9 X-Band Data Reception in PXMF

Not used during the present reporting period.

### 10 Exceptional Activities

None.



## **11 AOB**

Setup of pxmfbck server as backup server of pxmfprm. Validation of pxmf prime and backup chain.



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

No relevant Out of Limits alarms were received during the present reporting period.