



1 General Comments

The activities scheduled for this week are those planned for calendar week 01 of year 2014, from 30/12/2013 to 06/01/2014 (DOYs 364 to 006).

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

- X-band passes over ESAC and Svalbard.
- NIR Calibration on day 04/01/2013 (orbit 21938), ETO at 16:20:16.000z.
- Two Long Calibrations on day 05/01/20. (orbit 21952 and 21953) at 16:46:29.000z and 18:26:33.000z
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



	Mon, 30-DEC-2013	Tue, 31-DEC-2013	Wed, 01-JAN-2014	Thu, 02-JAN-2014	Fri, 03-JAN-2014	Sat, 04-JAN-2014	Sun, 05-JAN-2014
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Black bar]						[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						[Diamond]	[Diamond]
PMS_Offset_Calibration_Full_SEQ							
Enable_Cyclic_Function_SEQ						[Diamond]	[Diamond]
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ						[Diamond]	
External_Calibration_NIR_Full_OBOP_SEQ						[Vertical bar]	
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ						[Vertical bars]	
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ						[Diamond]	
Long_Calibration_Full_OBOP_SEQ							[Vertical bars]



3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

The only relevant out of limits were the ones received at the time of the Mass Memory latch on partition P9 on day 01/01/2014 (see Appendix-A for further details)

5 On Board Anomalies

- A new Mass Memory latch up happened in partition P9 on day 01/01/2014 at 19:03:32z. At the time of the anomaly the Write pointer was located on P7 and the Read on partition P6. The geolocation of the event was

Longitude=340.634

Latitude=-22.378

The anomaly was successfully recovered on day 02/01/2014 at 17:00:00z. No data losses were seen either at the time of the anomaly or the recovery.

6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2014.002.09.02.21.679	2234664
RAM Single Bit Error	WARN	2014.002.23.33.43.776	201EE00
RAM Single Bit Error	WARN	2014.004.10.08.07.765	2356B74
RAM Single Bit Error	WARN	2014.004.11.20.06.610	21CF510

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

An exceptional CRF number 364, was issued by the FOS on day 02/01/2014 in order to recover the MM latch-up anomaly of day 01/01/2014.

11 AOB

None.



APPENDIX A: OOL's

OBT	Severity	TM Parameter	ALARM Value	CHECK value	Message
2014.001.23.50.30.896	ERROR	DMASME37	FALSE	TRUE	STATUS limit is out of nominal range
2014.001.23.50.30.898	ERROR	DMASME03	OFF	TRUE	STATUS limit is out of nominal range