



1 General Comments

The activities scheduled for this week are those planned for calendar week 40 of year 2013, from 07/10/2013 to 14/10/2013 (DOYs 280 to 287).

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

- X-band passes over ESAC and Svalbard.
- One NIR calibration on 09/10/2013 at 17:46:00z (orbit 20687).
Pointing selected for this calibration is as follows:
RA= 103.032494
DEC= 31.724699
and the expected Brightness temperature and RMS for that pointing are:
BT=3.815690
RMS=0.544203
- Two LONG calibrations over pacific on day 10/10/2013 (orbits 20699 and 20700) at 14:53:00z and 16:33:00z
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



	OCT-2013							
	Mon, 07-OCT-2013	Tue, 08-OCT-2013	Wed, 09-OCT-2013	Thu, 10-OCT-2013	Fri, 11-OCT-2013	Sat, 12-OCT-2013	Sun, 13-OCT-2013	
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Black bar]			[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]	
External_Calibration_NIR_Full_OBOP_SEQ			[Cyan bar]					
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ			[Green diamond]					
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ			[Black bar]					
Disable_Cyclic_Function_SEQ			[Green diamond]	[Green diamonds]				
Enable_Cyclic_Function_SEQ			[Blue diamond]	[Blue diamonds]				
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ			[Green diamond]					
Long_Calibration_Full_OBOP_SEQ				[Black bar]				



3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

See Appendix A for further details

5 On Board Anomalies

None.

6 Telemetry On Board Events in the period.

No single bit memory errors ocured during the present reporting period.

7 FOS System Status

The following events happened during this period:

- On day 11/10/2013, the PXMF-SCOS system used to receive and process MIRAS TM housekeeping on X-Band, was rebooted as part of its nominal maintenance procedure. After the restart of the SCOS system, the machine hunged up after a while due to the massive ingestion of obsolete and quying TM files. These massive files were wrongly received from the DPGS data distribution system via the PXMFEXT machine. Since that particular distribution was officially discontinued some time ago, FOS has permanently disable the FTP connection with the PXMFEXT machine but also has communicated to DPGS team to permanently deactivate that particular data distribution.
- On 07/10/2013 at 09:24z SCOS time correlation task (TCO) crashed and the corresponding TM data for KRU8 pass at 08:50:03 archived under the wrong Data Stream number 4. TCO task was again restarted at 09:49 and clean up procedure and data reingestion of the affected TM file SM0_PLM1_P_2013_10_07_08_52_30 again performed.

8 Data Reception from CNES

No problems during the reporting period.

9 X-Band Data Reception in PXMF

No events on board in the period were causing loss of sensed data.



10 Exceptional Activities

None.

11 AOB

None.



APPENDIX A: OOL's

In this section only Out Of limits implying a reaction from the FOS operator side have now been included. All the errors related with Single bit memory errors and not triggering any action has been removed. No relevant Out of Limits happened during the reporting period.