



1 General Comments

The activities scheduled for this week are those planned for calendar week 44 of year 2013, from 28/10/2013 to 04/11/2013 (DOYs 301 to 308).

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 31/10/2013 (orbit 21300) at 17:55:00z, 17:55:34.800z and 17:56:09.600
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



	OCT-2013						
	Mon, 28-OCT-2013	Tue, 29-OCT-2013	Wed, 30-OCT-2013	Thu, 31-OCT-2013	Fri, 01-NOV-2013	Sat, 02-NOV-2013	Sun, 03-NOV-2013
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ							
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Wilpa_SEQ							
Disable_Cyclic_Function_SEQ				◆			
PMS_Offset_Calibration_Full_SEQ							
Enable_Cyclic_Function_SEQ				◆			



3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

No unforeseen limits happened during this week, check Appendix-A for further details

5 On Board Anomalies

None.

6 Telemetry On Board Events in the period.

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

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2013.303.20.22.21.49	2184B08
RAM Single Bit Error	WARN	2013.308.23.27.41.48	201BE38

7 FOS System Status

Everything nominal.

8 Data Reception from CNES

There was some telemetry data processing problems for data received on 31/10/2013 at 05:05:32 corresponding to ground station pass AUS 31. The TM data appeared to be bad correlated with some TM packets and Source Sequence Counter duplicated or missing.

Here below there are some more details on this problem.

Generation Time	Reception Time	SSC	Real?	Missing Packets (apparently)
02:43:20.033	05:41:05.510	3701	NO	15916
02:56:12.832	05:41:34.478	5087	NO	15928
03:00:33.234	05:41:40.080	5606	YES	549
02:59:56.033	05:41:34.478	16025	NO	5544
03:05:15.235	05:41:39.054	6084	YES	477

In order to confirm the origin of the problem, the same data was later on replied on the FOS validation chain getting the same error results as in the operational system.



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

No relevant Out of Limits happened during the reporting week