



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 06
from the 02/02/15 to the 09/02/15

1.0

1 General Comments

The activities scheduled for this week are those planned for calendar week 06 of year 2015, from 02/02/2015 to 09/02/2015 (DOYs 033/2015 to 040/2015).

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 05/02/2015 (orbit 27651) at 18:11:53.000z, 18:12:17.800 and 18:12:52.600.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



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	FEB-2015						
	Mon, 02-FEB-2015	Tue, 03-FEB-2015	Wed, 04-FEB-2015	Thu, 05-FEB-2015	Fri, 06-FEB-2015	Sat, 07-FEB-2015	Sun, 08-FEB-2015
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_Vilspa_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
Disable_Cyclic_Function_SEQ				[Diamond]			
PMS_Offset_Calibration_Full_SEQ				[Vertical line]			
Enable_Cyclic_Function_SEQ				[Diamond]			



3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

No out limits were received during this week.

5 On Board Anomalies

No payload anomalies happened during this reporting period:

6 Telemetry On Board Events in the period.

No RAM single bit errors happened during the present reporting period.

7 FOS System Status

All FOS systems behaved nominal during this period with the following exceptions.

- On 04/02/15 PLPC Time Correlation task gave some CORBA errors, sometime after the arrival of telemetry files of KER 10 pass at 13:32:40z. The task was manually restarted and the problem solved after this restart.
- On 04/02/15 an installation of a new version of PLPC 2.10-patch_03 was performed on PLPCPRM machine. This new patch includes a new configuration control on the list of Save Stack files and TC groups generated by FOS and sent to CNES.

8 Data Reception from CNES

All SBand passes of the week were correctly received from CNES and successfully processed by the FOS PLPC system with the following exception:

- On 08/02/2015 at 02:58:07z and for Kerguelen pass number 17, a total number of 14 telemetry packets were lost for the onboard time ranges from 02:31:49.931z to 02:31:58.331z

9 X-Band Data Reception in PXMF

PXMF system was used during this reporting period to cover minor gaps detected on the SBand side.

10 Exceptional Activities

None.

11 AOB

None.



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APPENDIX A: OOL's

No relevant Out of limits was received during the present reporting period.