Operations Notes

FOS Team @ ESAC

Topic:
Date:
Issue:

FOS Report for week 33
from the 11/08/14 to the 18/08/14
1.0

1 General Comments

The activities scheduled for this week are those planned for calendar week 33 of year 2014, from 11/08/2014 to 18/08/2014 (DOYs 223 to 230).

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 14/08/2014 (orbit 25132) at 16:43:00.000z, 16:43:34.800 and 16:44:09.600.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.

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	AUG-2014						
	Mon, 11-AUG-2014	Tue, 12-AUG-2014	Wed, 13-AUG-2014	Thu, 14-AUG-2014	Fri, 15-AUG-2014	Sat, 16-AUG-2014	Sun, 17-AUG-2014
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ							
XB_Cmd_Downlink_Svalb_SEQ							
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Vilspa_SEQ							
Disable_Cyclic_Function_SEQ							
PMS_Offset_Calibration_Full_SEQ							
Enable_Cyclic_Function_SEQ							

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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

None.

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	223.12.33.00.279	20F69F8
RAM Single Bit Error	WARN	225.12.41.59.618	21176AC

7 FOS System Status

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

Plpcdis server, acting as console has a faulty power supply. It has been sent to be repaired to GMV. In the meantime pxmfdis is acting as console server.

The last Nvidia drivers were installed on pxmfdis on 11/08/2014 in order to fix the poor performance problems and the mouse was connected to 3.0 usb port. Now the system is working as nominal since the Graphics performance problem has been recovered.

On 11/08/2014 mustpc server appeared stopped. GMV onsite technician after troubleshooting lead the conclusion the system has the internal hard disk broken. The machine has sent to GMV headquarters with a spare disk in order to be repaired and re-establish the service.

On 14/08/2014 Savoir upgraded to 5.2.0 Version in FOSEXT.

On 14/08/2014 FOSEXT appeared rebooted, the system automatically apply Windows Updates and reboot. Change the settings how Windows install updates using the Configuration: *Download updates but ask before.*

8 Data Reception from CNES

All SBand passes have been nominally acquired and processed by FOS.

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9 X-Band Data Reception in PXMF

Not used during the present reporting period.

10 Exceptional Activities

Mustpc server replaced by mustpc3. Telemetry gaps since the machine crash were filled using GDDS system.

11 AOB

None.

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APPENDIX A: OOL's

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