



1 General Comments

The activities scheduled for this week are those planned for calendar week 35 of year 2014, from 25/08/2014 to 01/09/2014 (DOYs 237 to 244).

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 28/08/2014 (orbit 25333) at 15:58:00.000z, 15:58:34.800 and 15:59:09.600.
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



Operations Notes

FOS Team @ ESAC

Topic:

Date:

Issue:

FOS Report for week 35
from the 25/08/14 to the 01/09/14

1.0

	AUG-2014						
	Mon, 25-AUG-2014	Tue, 26-AUG-2014	Wed, 27-AUG-2014	Thu, 28-AUG-2014	Fri, 29-AUG-2014	Sat, 30-AUG-2014	Sun, 31-AUG-2014
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				[Blue diamond]			
PMS_Offset_Calibration_Full_SEQ				[Vertical line]			
Enable_Cyclic_Function_SEQ				[Blue diamond]			



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

- A new Mass Memory latch up happened for partition P9 on day 28/08/2014 at 22:01:52z. Recovery was performed by execution of CRF-440 on day 29/08/2014 at 14:00z. No data lost or degraded happened since partition P9 is in nominal operational conditions not used. The geolocation of the event was:
Longitude= 307.590259
Latitude= 43.490999

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	2014.242.21.22.38.547	227836C

7 FOS System Status

All FOS systems behaved nominal during this reporting period.

8 Data Reception from CNES

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

9 X-Band Data Reception in PXMF

Not used during the present reporting period.

10 Exceptional Activities

None.

11 AOB

None.



APPENDIX A: OOL's

The following relevant Out of Limits related to the Mass Memory Latch up on partition P9 were received:

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2014.240.22.01.52.079	Hard-HIGH	DMASME37	FALSE	TRUE	SDD LU Detected
2014.240.22.01.52.079	Hard-HIGH	DMASME03	OFF	ON	LU Switch P9