



1 General Comments

The activities scheduled for this week are those planned for calendar week 41 of year 2014, from 06/10/2014 to 13/10/2014 (DOYs 279 to 286).

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 09/10/2014 (orbit 25938) at 17:03:00.000z, 17:03:34.800 and 17:04:09.600.
- 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

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 41
from the 06/10/14 to the 13/10/14

1.0

	OCT-2014						
	Mon, 06-OCT-2014	Tue, 07-OCT-2014	Wed, 08-OCT-2014	Thu, 09-OCT-2014	Fri, 10-OCT-2014	Sat, 11-OCT-2014	Sun, 12-OCT-2014
Int_LO_Phase_Cal_NoNoise_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				[Vertical line with diamond]			
PMS_Offset_Calibration_Full_SEQ				[Vertical line with diamond]			
Enable_Cyclic_Function_SEQ				[Vertical line with 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 for partition P6 happened on day 07/10/2014 at 17:18:02z. At the time of the anomaly the Write pointer was located in partition P2 while the Read pointer was located in partition P1. The geolocation of the event was on the North Pacific Ocean:

Longitude=183.409674

Latitude=39.870773

The anomaly was recovered on day 08/10/2014 at 18:00z by execution of CRF-449 and procedure PRO-CRP-800

- A CMN Unlock on unit B3 happened on day 11/10/2014 at 00:48:09z. The anomaly produced 10 minutes of degraded data between 00:48:09z and 00:58:09z. The geolocation of the event was over the Antarctica with the following geographical coordinates:

Longitude= 117.901730

Latitude= -77.044672

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	2014.281.20.52.23.991	2183580
RAM Single Bit Error	WARN	2014.284.11.06.06.985	21B2FF0

7 FOS System Status

All FOS systems behaved nominal during this reporting period.

8 Data Reception from CNES

No problems during this reporting period.

9 X-Band Data Reception in PXMF

Not used during the present period.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 41
from the 06/10/14 to the 13/10/14

1.0

10 Exceptional Activities

None

11 AOB

None.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 41
from the 06/10/14 to the 13/10/14

1.0

APPENDIX A: OOL's

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2014.280.17.18.02.084	Hard High	DMASME06	OFF	ON	LU Switch P6
2014.280.17.18.02.084	Hard High	DMASME37	FALSE	TRUE	SDD LU Detected
2014.284.00.48.09.738	Hard High	SPM19167	UNLOCK	LOCK	B3 LO_Locking