



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 41 year 2017

from 09 OCT 2017 to 16 OCT 2017

1.0

1 General Comments

Activities scheduled for this week are those planned for the 41st calendar week of 2017:

09 OCT 2017 to 16 OCT 2017 (DOYs 282 to 289).

The following routine activities were planned this week (see Gantt chart on next page and CRF 690):

- One Warm NIR Calibration on 11 OCT 2017 (DOY 284) with ETO 15:01:55z (orbit 41736) and with the following expected calibration values:

B.T.	=	3.91°
R.M.S.	=	0.63
Sun Elevation	=	9.97°
Moon elevation	=	41.09°
R.A.	=	114.41°
DEC.	=	-24.95°
- One PMS Offset on 12 OCT 2017 (DOY 285), including three Short Calibrations at 07:20:30.0z, 07:21:04.8z, and 07:21:39.6z (orbit 41746).

Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

None.

5 On Board Anomalies

None.

6 On Board Events Telemetry

The following RAM Single Bit errors befell this week:

Event Description	Packet ID	Severity	Event Time	Parameters
RAM single Bit Error	730	WARN	2017-10-15T23:35:36	2111E60
RAM single Bit Error	730	WARN	2017-10-15T22:20:31	227E158
RAM single Bit Error	730	WARN	2017-10-10T10:31:16	22F3BB8

7 FOS Systems Status

All FOS systems nominal.

8 Data Reception from CNES

All S band passes were correctly received from CNES and successfully processed by the FOS PLPC system.

9 X Band Data Reception in PXMf

None, all S band passes successfully received and processed.

10 Exceptional Activities

None.

11 AOB

None.

APPENDIX A: OOLs

None.