



## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 11, year 2017**

from 13 MAR 2017 to 20 MAR 2017

**1.0**

## 1 General Comments

Activities scheduled for this week are those planned for the 11<sup>th</sup> calendar week of 2017:

13 MAR 2017 to 20 MAR 2017 (DoYs 072 to 079).

The following routine activities were planned this week (see Gantt chart on next page and CRF 647):

- One Warm NIR Calibration on 15 MAR 2017 (DoY 076) with ETO 02:27:25z (orbit 38707) and with the following expected calibration values:

B.T.	=	3,8326°
R.M.S.	=	0,3220
Sun Elevation	=	9,9992°
Moon elevation	=	-18,9649°
R.A.	=	70,46°
DEC.	=	-55,18°
- One PMS Offset on 16 MAR 2017 (DoY 075), including three Short Calibrations at 06:56:00,0z, 06:56:34,8z, and 06:57:09,6z (orbit 38724).
- 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	2017.073.13.43.03,316	22A3CF8
RAM Single Bit Error	730	WARN	2017.075.09.05.57,669	2000D60

### 7 FOS Systems Status

- The monthly General Reboot Exercise was completed 14 MAR 2017. All FOS servers/workstations were rebooted for routine health maintenance with a nominal outcome.

### 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.