



## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 45, year 2022**

from 07 NOV 2022 to 14 NOV 2022

**1.0**

### 1 General Comments

Activities scheduled for this week are those planned for the 45<sup>th</sup> calendar week of 2022:

07 NOV 2022 to 14 NOV 2022 (DOYs 311 to 318).

The following routine activities were planned this week (see Gantt chart on next page and CRF 1084).

- One Warm NIR Calibration on 09 NOV 2022 (DOY 313) with ETO 14:58:33z (orbit 68428; ASCENDING: thermally STABLE) and with the following expected calibration values:

B.T.	=	3.74°
R.M.S.	=	0.53
Sun elevation	=	8.01°
Moon elevation	=	2.73°
R.A.	=	139.42°
DEC.	=	-8.32°
- One PMS Offset on 10 NOV 2022 (DOY 314), including three Short Calibrations at 07:15:00.0z, 07:15:34.8z, and 07:16:09.6z (orbit 68438).
- 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 On Board Anomalies

None.

### 5 On Board Events Telemetry

No relevant on-board events packets were received during this reporting period.

### 6 FOS Systems Status

All FOS systems nominal.

### 7 Data Reception from CNES

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

### 8 X Band Data Reception in PXMF

None, all S band passes successfully received and processed.

### 9 Exceptional Activities

None.

### 10 AOB

None.

### APPENDIX A: OOLs

No relevant out of limits were receive during this reporting period.