



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 27, year 2021

from 05 JUL 2021 to 12 JUL 2021

1.0

1 General Comments

Activities scheduled for this week are those planned for the 27th calendar week of 2021:

05 JUL 2021 to 12 JUL 2021 (DOYs 186 to 193).

The following routine activities were planned this week (see Gantt chart on next page and CRF 979).

- One FTR Calibration on 05 JUL 2021 (DOY 186) with ETO 15:44:15z (orbit 61349; ASCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	3.64°
R.M.S.	=	0.05
Sun elevation	=	-8.00°
Moon elevation	=	30.62°
R.A.	=	18.42°
DEC.	=	-31.16°

- One PMS Offset on 08 JUL 2021 (DOY 189), including three Short Calibrations at 06:48:40.0z, 06:49:14.8z, and 06:49:49.6z (orbit 61387).

- One HOT-NIR Calibration on 08 JUL 2021 (DOY 189) with ETO 12:41:59z (orbit 61391; DESCENDING: thermally STABLE) and with the following expected calibration values:

B.T.	=	3.91°
R.M.S.	=	0.75
Sun elevation	=	13.98°
Moon elevation	=	14.99°
R.A.	=	265.13°
DEC.	=	80.84°

- 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 event packets were received this week.

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 received this week.