



## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 52, year 2019**

from 23 DEC 2019 to 30 DEC 2019

**1.0**

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### 1 General Comments

Activities scheduled for this week are those planned for the 52<sup>nd</sup> calendar week of 2019:

23 DEC 2019 to 30 DEC 2020 (DOYs 357 to 364).

The following routine activities were planned this week (see Gantt chart on next page and CRF 858).

- One PMS Offset on 26 DEC 2019 (DOY 360), including three Short Calibrations at 06:47:30.0z, 06:48:04.8z, and 06:48:39.6z (orbit 53329).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

### 2 Mission Planning Deviations

None.



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Schedule Name: 2019\_w52\_w01\_cr ### Display start: 23-12-2019 00:00:00.000 ### Display end: 24-12-2019 09:36:00.000





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### 3 TC Failures

None.

### 4 On Board Anomalies

None.

### 5 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	2019-12-25T23:27:52	2144804
RAM single Bit Error	730	WARN	2019-12-24T10:25:31	20F8648

### 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, with the following exceptions:

- The whole telemetry data for S-Band pass HBX-23 on 23 of December 2019 (AOS=05:36:48z, LOS=05:48:27z), was not received at ESAC. This problem created a gap from 2019-12-23T02:46:29.789z to 2019-12-23T05:38:51.511z.

### 8 X Band Data Reception in PXMF

FOS PXMF system was used to fill the PUS TM gap generated by the S Band pass failure reported in section 7 of this report.

### 9 Exceptional Activities

None.

### 10 AOB

None.

### APPENDIX A: OOLs

No relevant Out of Limits were received this reporting week.