



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 06, year 2020

from 03 FEB 2020 to 10 FEB 2020

1.0

1 General Comments

Activities scheduled for this week are those planned for the 06th calendar week of 2020:

03 FEB 2020 to 10 FEB 2020 (DOYs 034 to 041).

The following routine activities were planned this week (see Gantt chart on next page and CRF 864).

- One Warm NIR Calibration on 05 FEB 2020 (DOY 036) with ETO 04:53:00z (orbit 53918; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	3.68°
R.M.S.	=	0.07
Sun elevation	=	9.80°
Moon elevation	=	35.02°
R.A.	=	41.81°
DEC.	=	-16.88°
- One PMS Offset on 06 FEB 2020 (DOY 037), including three Short Calibrations at 06:12:30.0z, 06:13:04.8z, and 06:13:39.6z (orbit 53933).
- 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

The following RAM Single Bit errors befell this week:

Event Description	Packet ID	Severity	Event Time	Parameters
RAM single Bit Error	730	WARN	2020-02-09T21:46:15	216F090
RAM single Bit Error	730	WARN	2020-02-06T20:53:37	23502AC
RAM single Bit Error	730	WARN	2020-02-06T12:14:27	217D3D8

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.