



## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 22, year 2020**

from 25 MAY 2020 to 01 JUN 2020

**1.0**

## 1 General Comments

Activities scheduled for this week are those planned for the 22<sup>nd</sup> calendar week of 2020:

25 MAY 2020 to 01 JUN 2020 (DOYs 146 to 153).

The following routine activities were planned this week (see Gantt chart on next page and CRF 885).

- One Warm NIR Calibration on 27 MAY 2020 (DOY 148) with ETO 05:19:45z (orbit 55530; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

|                |   |         |
|----------------|---|---------|
| B.T.           | = | 3.49°   |
| R.M.S.         | = | 0.09    |
| Sun elevation  | = | 6.00°   |
| Moon elevation | = | 53.97°  |
| R.A.           | = | 159.88° |
| DEC.           | = | 32.16°  |
- One PMS Offset on 28 MAY 2020 (DOY 149), including three Short Calibrations at 06:53:00.0z, 06:53:34.8z, and 06:54:09.6z (orbit 55545).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

## 2 Mission Planning Deviations

None.



# Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

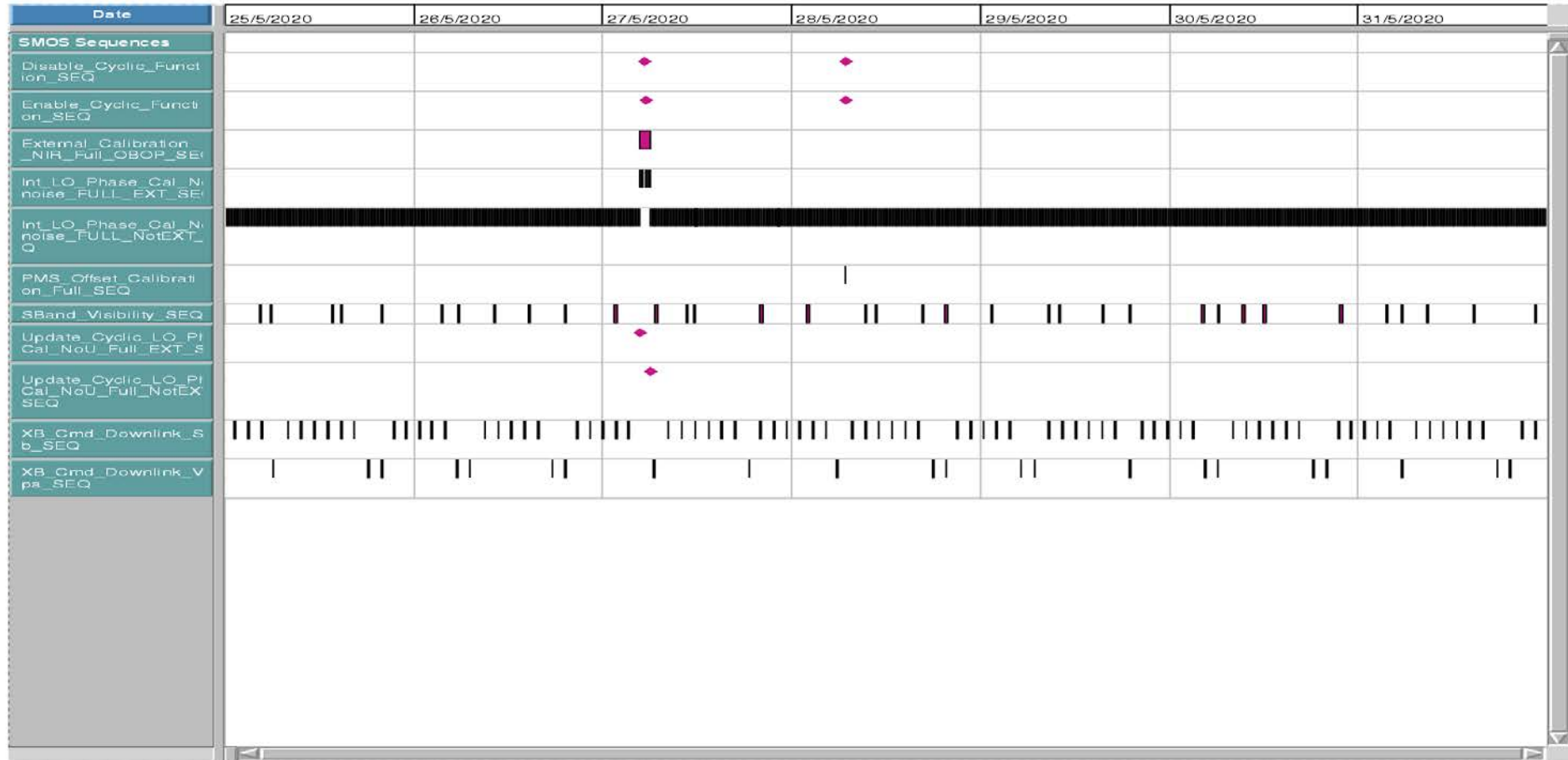
Issue:

**FOS Report for week 22, year 2020**

from 25 MAY 2020 to 01 JUN 2020

**1.0**

Schedule Name: 2020\_w22\_cr ### Display start: 25-05-2020 00:00:00.000 ### Display end: 01-06-2020 00:00:00.000





## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 22, year 2020**

from 25 MAY 2020 to 01 JUN 2020

**1.0**

### 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     | 2020-05-31T10:19:37 | 23B2D30    |

### 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 during this reporting period.