| | *Operations Notes* | Topic: | **FOS Report for week 27, year 2023** |
|---|---|---|---|
| | *FOS Team @ ESAC* | Date: | from 03 JUL 2023 to 10 JUL 2023 |
| | *Reported by:* | Issue: | **1.0** |
| | *J. Fauste/J.M. Castro Cerón* | | |

# 1   General Comments

Activities scheduled for this week are those planned for the 27th calendar week of 2023:

```
03 JUL 2023 to 10 JUL 2023 (DoYs 184 to 191).
```

The following routine activities were planned this week (see Gantt chart on next page and CRF nº 1131).

- One PMS Offset on 06 JUL 2023 (DoY 187), including three Short Calibrations at 06:10:00.0z, 06:10:34.8z, and 06:11:09.6z (orbit 71862).
- 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:*
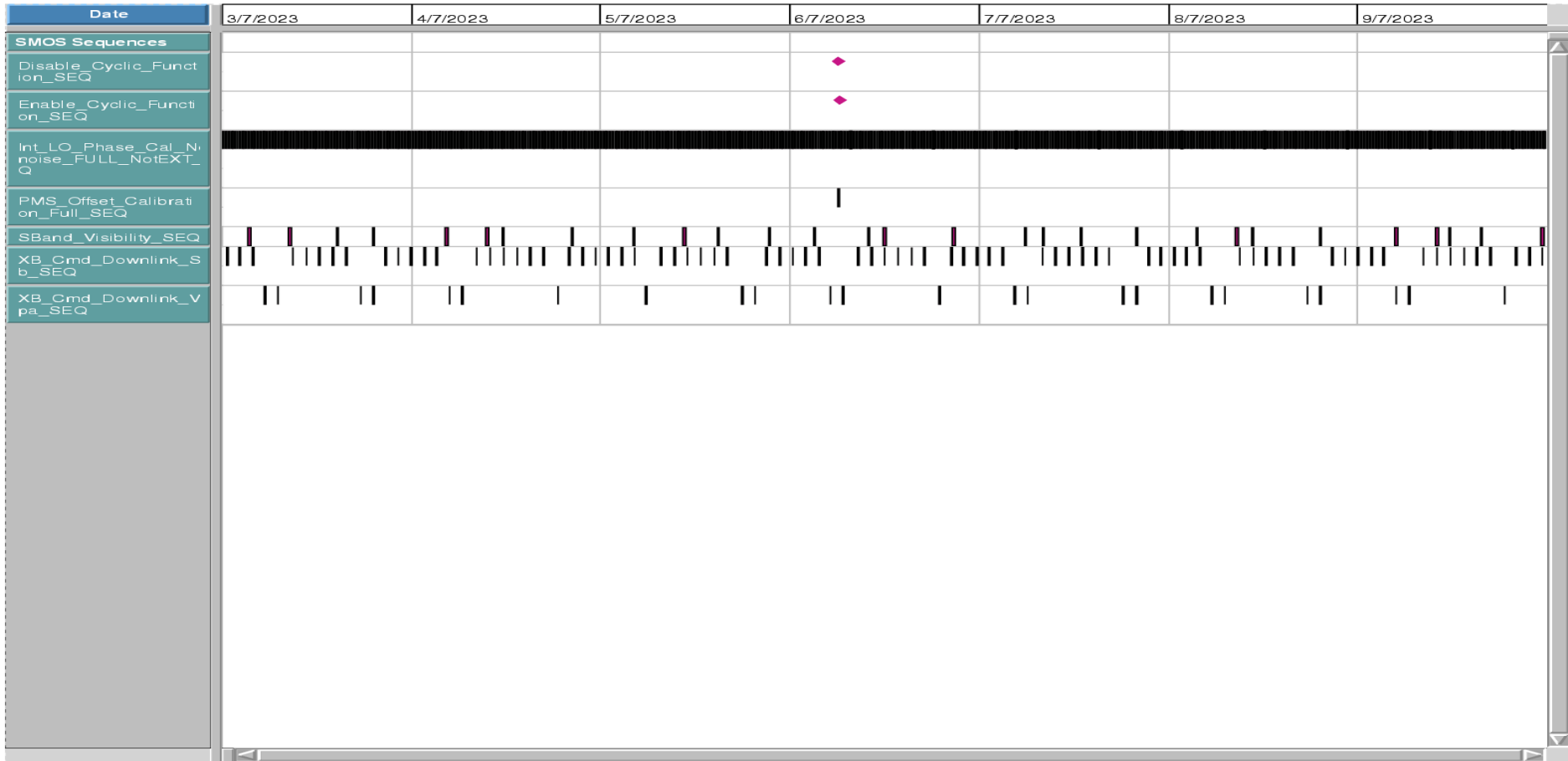
*J. Fauste/J.M. Castro Cerón*

Topic:     **FOS Report for week 27, year 2023**

Date:      from 03 JUL 2023 to 10 JUL 2023

Issue:     **1.0**

Schedule Name: 2023_w27_cr    ###    Display start: 03-07-2023 00:00:00.000    ###    Display end: 10-07-2023 00:00:00.000

| Date | 3/7/2023 | 4/7/2023 | 5/7/2023 | 6/7/2023 | 7/7/2023 | 8/7/2023 | 9/7/2023 |
|---|---|---|---|---|---|---|---|
| SMOS Sequences | | | | | | | |
| Disable_Cyclic_Function_SEQ | | | | ♦ | | | |
| Enable_Cyclic_Function_SEQ | | | | ♦ | | | |
| Int_LO_Phase_Cal_Noise_FULL_NotEXT_Q | | | | | | | |
| PMS_Offset_Calibration_Full_SEQ | | | | | | | |
| SBand_Visibility_SEQ | | | | | | | |
| XB_Cmd_Downlink_Sb_SEQ | | | | | | | |
| XB_Cmd_Downlink_Vpa_SEQ | | | | | | | |

*Operations Notes*
*FOS Team @ ESAC*
*Reported by:*
*J. Fauste/J.M. Castro Cerón*

| Topic: | **FOS Report for week 27, year 2023** |
| Date: | from 03 JUL 2023 to 10 JUL 2023 |
| Issue: | **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 | WARNING | 2023.190.21.27.54,290 | 20AA4C4 |
| RAM Single Bit Error | 730 | WARNING | 2023.190.22.30.45,942 | 22D2B98 |

## 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.