



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón/A. Vázquez

Topic: **FOS Report for week 29, year 2024**

Date: from 15 JUL 2024 to 22 JUL 2024

Issue: **1.0**

1 General Comments

Activities scheduled for this week are those planned for the 29th calendar week of 2024:

15 JUL 2024 to 22 JUL 2024 (DoYs 197 to 204).

The following routine activities were planned this week (see Gantt chart on next page and CRF N° 1205).

- One PMS Offset on 18 JUL 2024 (DoY 200), including three Short Calibrations at 07:35:00.0z, 07:35:34.8z, and 07:36:09.6z (orbit 77302).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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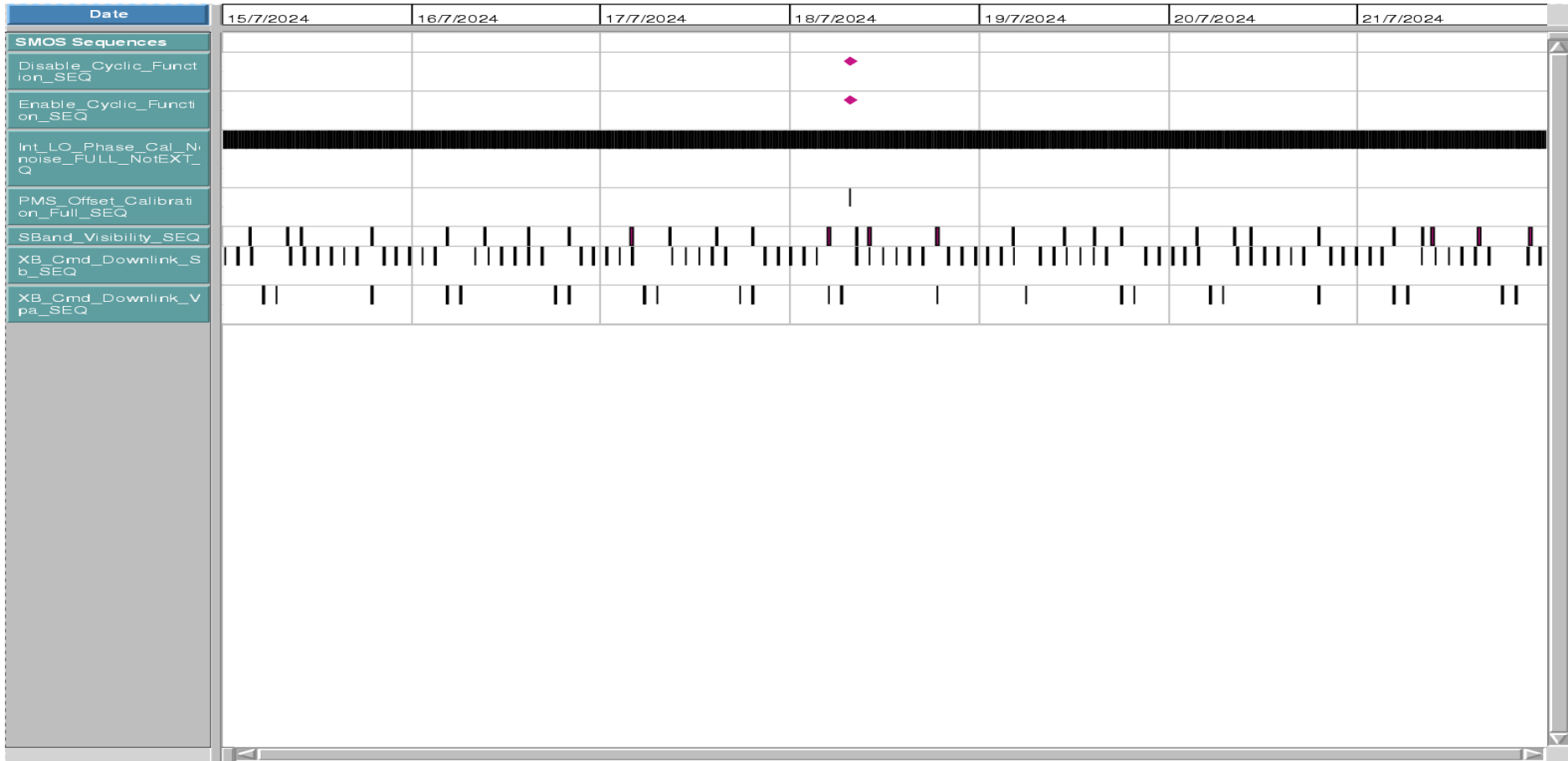
J. Fauste/J.M. Castro Cerón/A. Vázquez

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Schedule Name: 2024_w29_cr ### Display start: 15-07-2024 00:00:00.000 ### Display end: 22-07-2024 00:00:00.000





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3 TC Failures

None.

4 On Board Anomalies

None.

5 On Board Events Telemetry

None.

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:

- S band GS pass:

<i>STATION</i>	<i>PASS</i>	<i>AoS</i>	<i>LoS</i>

<i>KUX</i>	<i>22</i>	<i>2024-07-21T09:20:16z</i>	<i>2024-07-21T09:34:56z</i>

could not be acquired because of an issue with the receiving station.

Gap spanned over the range:

PUS HKTm

from 2024-07-21T08:07:32z to 2024-07-21T09:21:53z; 8.100 packets lost.

E HKTm

from 2024-07-21T08:07:06z to 2024-07-21T09:22:18z

8 X Band Data Reception in PXMF

- To achieve completion MIRAS PUS TM was recovered from the X band PXMF system and ingested into the MUST-SMTA system 22 JUL 2024. The corresponding E HKTm was lost.

9 Exceptional Activities

None.

10 AOB

None.

APPENDIX A: OOLs

No relevant OOLs.