



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 11, year 2023

from 13 MAR 2023 to 20 MAR 2023

1.0

1 General Comments

Activities scheduled for this week are those planned for the 11th calendar week of 2023:

13 MAR 2023 to 20 MAR 2023 (DoYs 072 to 079).

The following routine activities were planned this week (see Gantt chart on next page and CRF n° 1107).

- One Warm NIR Calibration on 15 MAR 2023 (DoY 74) with ETO 02:35:35z (orbit 70234; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	3.79°
R.M.S.	=	0.29
Sun elevation	=	7.85°
Moon elevation	=	-28.19°
R.A.	=	75.91°
DEC.	=	-35.48°
- One PMS Offset on 16 MAR 2023 (DoY 075), including three Short Calibrations at 05:31:30.0z, 05:32:04.8z, and 05:32:39.6z (orbit 70250).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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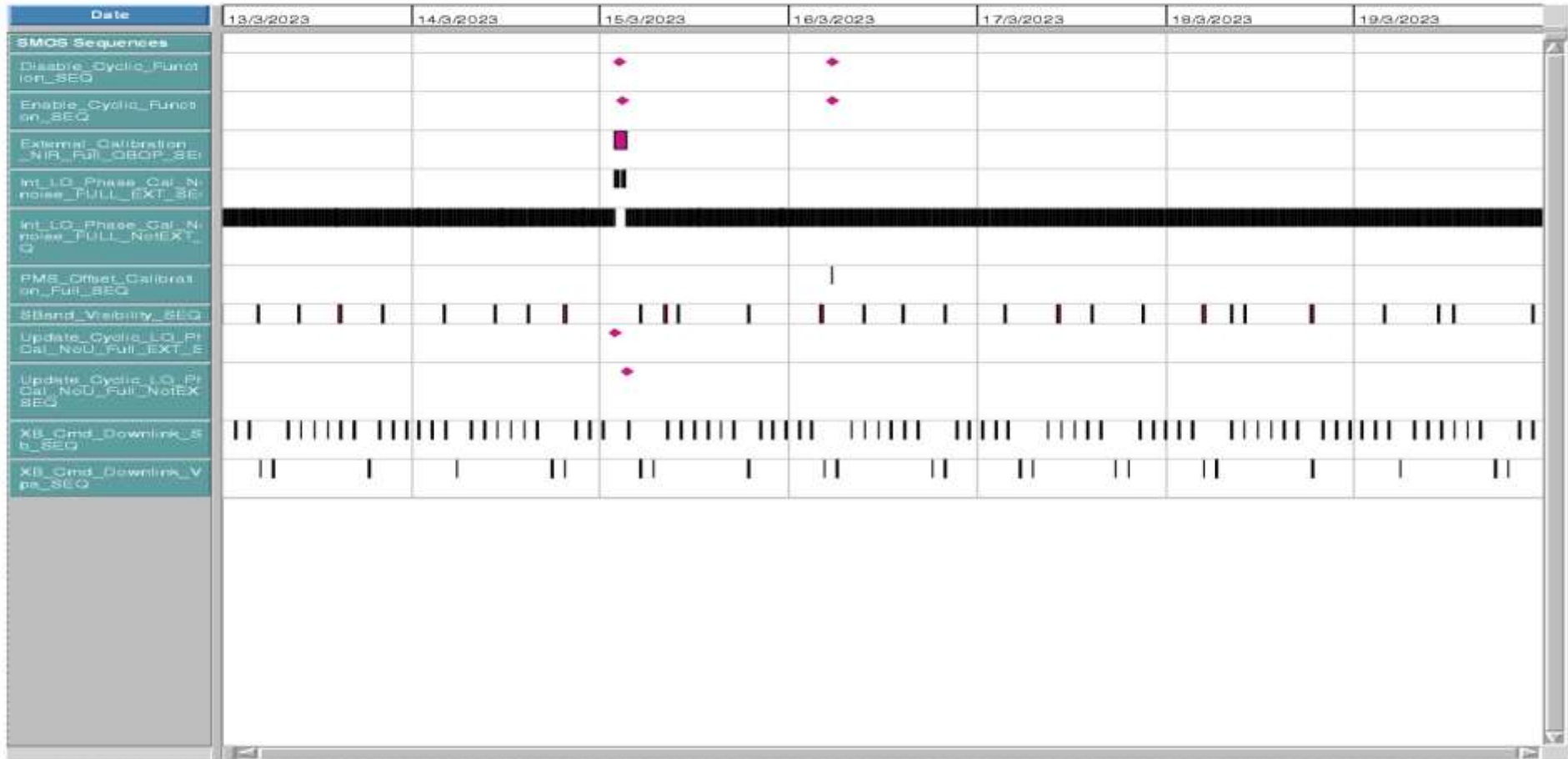
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Schedule Name: 2023_w11_02 ### Display start: 13-03-2023 00:00:00.000 ### Display end: 20-03-2023 00:00:00.000





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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	WARNING	2023.072.21.29.58,700	2022DD0
RAM Single Bit Error	730	WARNING	2023.076.10.51.40,247	23F90B8
RAM Single Bit Error	730	WARNING	2023.077.20.51.16,763	21FF2F8

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.