



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

FOS Report for week 04, year 2022

Date:

from Monday, 24 January, to Monday, 31 January,

Issue:

1.00

1 General Comments

Activities scheduled for this week are those planned for the 04th calendar week of 2022:

24 JAN 2022 to 31 JAN 2022 (DOYs 024 to 031).

The following routine activities were planned this week (see Gantt chart on next page and CRF 1026).

- One PMS Offset on 27 JAN 2022 (DOY 027), including three Short Calibrations at 06:47:00.0z, 06:47:34.8z, and 06:48:09.6z (orbit 64308).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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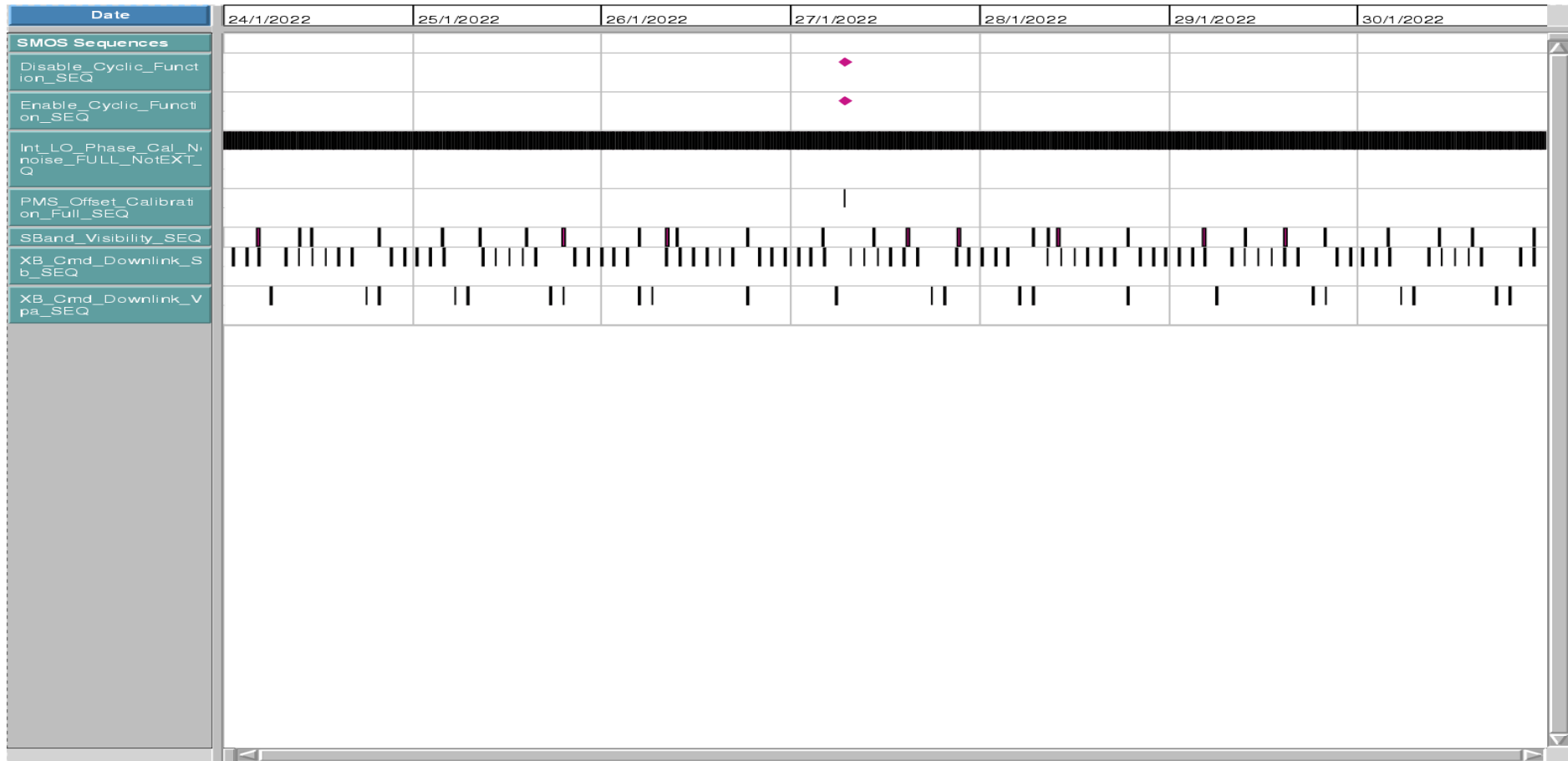
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Schedule Name: 2022_w04_cr ### Display start: 24-01-2022 00:00:00.000 ### Display end: 31-01-2022 00:00:00.000





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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	WARN	2022-01-24T09:17:18	23CC758
RAM single Bit Error	730	WARN	2022-01-28T20:54:41	217E184
RAM single Bit Error	730	WARN	2022-01-29T09:51:41	202ADF8

6 FOS Systems Status

Problems on the MUST *bitparamvalue* table being full still persists. An attempt was performed this week to execute the MySQL *alter* table command but failed because of a MySQL memory leakage on the machine. A dedicated meeting will be held next week to decide the way forward for the problem.

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

As expected, second temperature peak of segment A1 was reached on the 30th of January 2022 at 16:02:19z with value 29.478 degrees Celsius. Here below a comparison between the two eclipse seasons and the temperature peaks in years 2021 and 2022 (green 2021, blue 2022)



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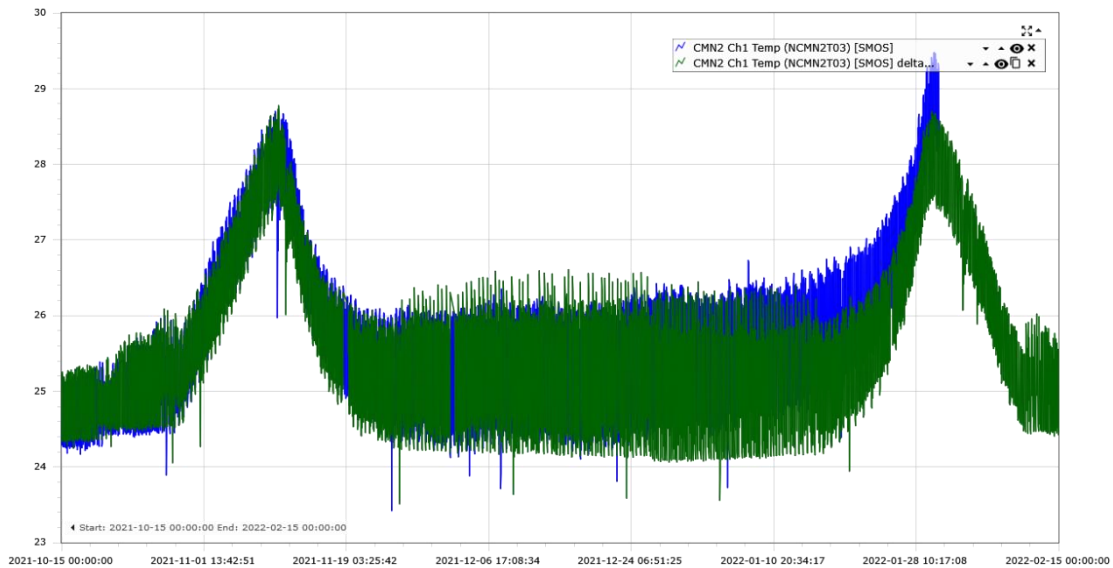
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APPENDIX A: OOLs

No relevant out of limits were received this operational were received this operational week.