



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 03, year 2022

from 17 JAN 2022 to 24 JAN 2022

1.0

1 General Comments

Activities scheduled for this week are those planned for the 03rd calendar week of 2022:

17 JAN 2022 to 24 JAN 2022 (DOYs 017 to 024).

The following routine activities were planned this week (see Gantt chart on next page and CRF 1025).

- One Warm NIR Calibration on 19 JAN 2022 (DOY 019) with ETO 03:19:30z (orbit 64191; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	3.65°
R.M.S.	=	0.06
Sun elevation	=	9.98°
Moon elevation	=	-25.62°
R.A.	=	25.47°
DEC.	=	-16.68°
- One PMS Offset on 20 JAN 2022 (DOY 020), including three Short Calibrations at 06:19:00.0z, 06:19:34.8z, and 06:20:09.6z (orbit 64207).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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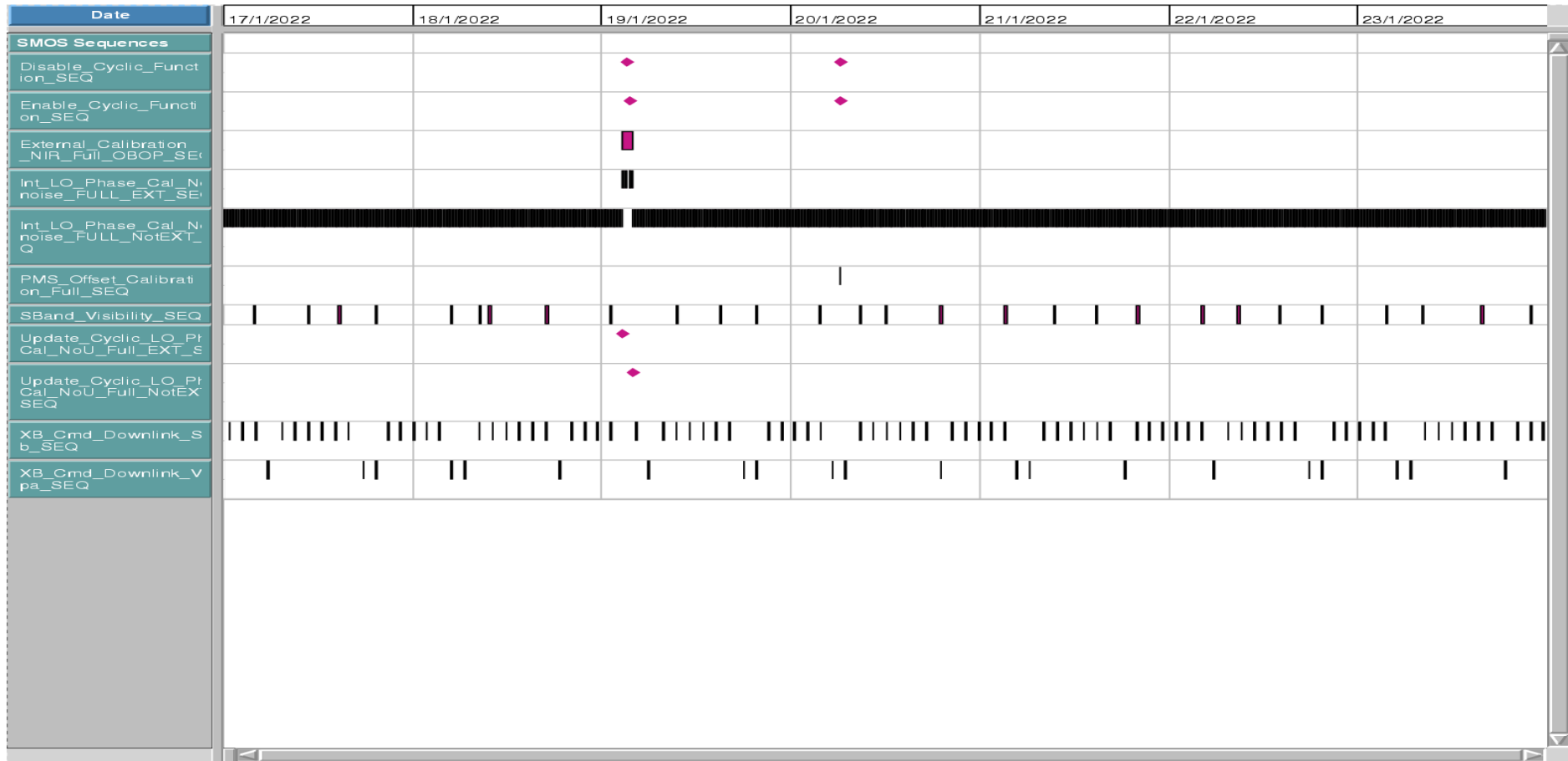
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Schedule Name: 2022_w03_cr ### Display start: 17-01-2022 00:00:00.000 ### Display end: 24-01-2022 00:00:00.000





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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	2022-01-17T08:49:12	20C4A98
RAM single Bit Error	730	WARN	2022-01-17T09:58:04	232201C
RAM single Bit Error	730	WARN	2022-01-21T04:45:42	22291AC
RAM single Bit Error	730	WARN	2022-01-21T23:32:33	20D8B8C

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 operational week.