



## Operations Notes

FOS Team @ ESAC

Reported by:

*J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 04, year 2019**

from 21 JAN 2019 to 28 JAN 2019

**1.0**

### 1 General Comments

Activities scheduled for this week are those planned for the 04<sup>th</sup> calendar week of 2019:

21 JAN 2019 to 28 JAN 2019 (DoYs 021 to 028).

The following routine activities were planned this week (see Gantt chart on next page and CRF 788).

- One PMS Offset on 24 JAN 2019 (DoY 024), including three Short Calibrations at 06:26:30.0z, 06:27:04.8z, and 06:27:39.6z (orbit 48494).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

### 2 Mission Planning Deviations

None.



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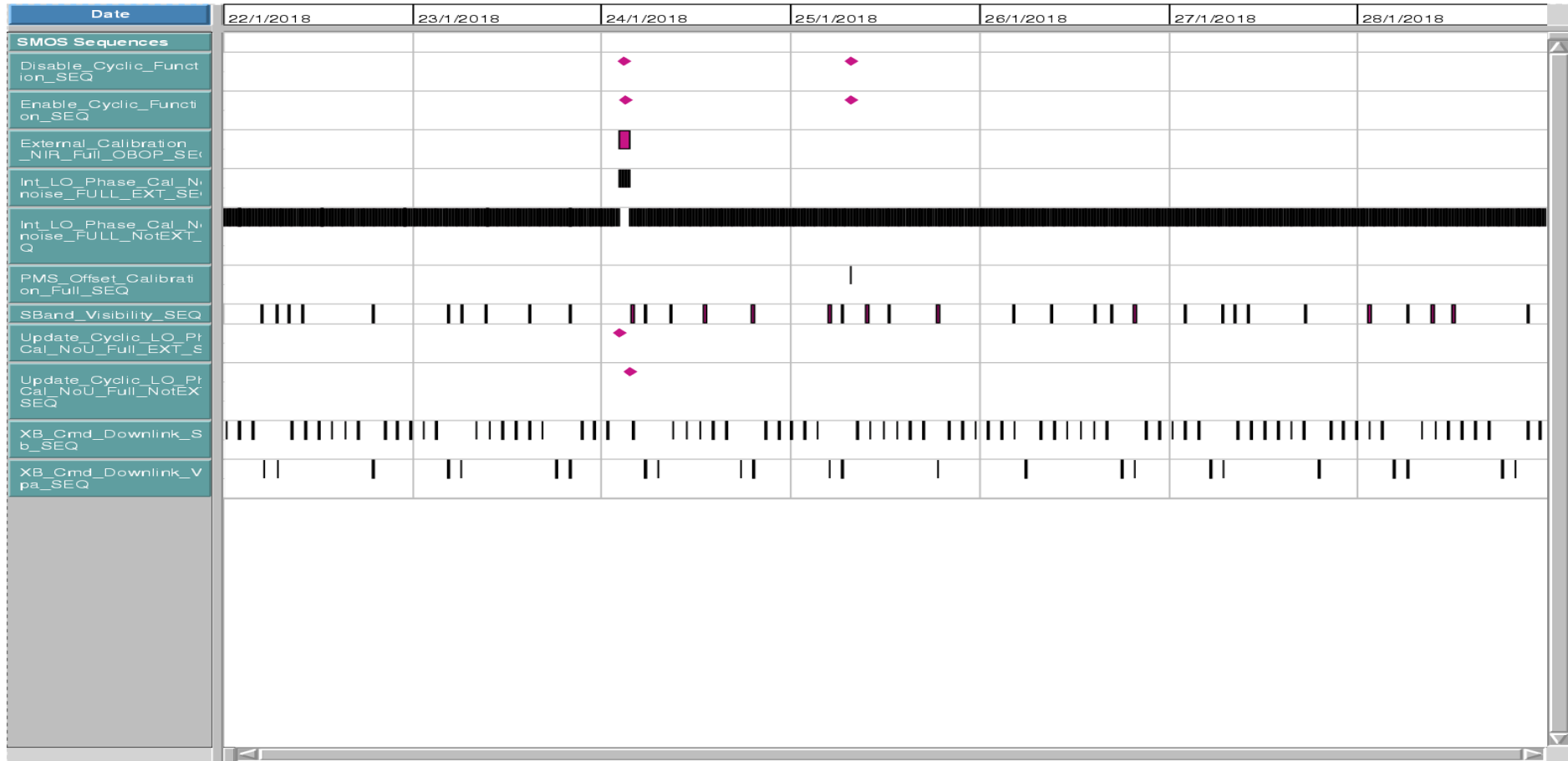
Issue:

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Schedule Name: 2018\_w04\_cr ### Display start: 22-01-2018 00:00:00.000 ### Display end: 29-01-2018 00:00:00.000





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### 3 TC Failures

None.

### 4 On Board Anomalies

- The MIRAS instrument CMN, unit B2, unlocked on 2019-01-26T09:09:50,269z (DoY 026). This anomaly was geolocated over Terranova (Canada):

*LAT.* = 50.04°

*LONG.* = 302.70°

Only parameter SPM18167, locking status, went out of limits in the FOS PLPC system. The anomaly recovered in 4 epochs.

### 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	2019.027.11.41.48,184	22609E8

### 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.



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## APPENDIX A: OOLs

The following OOLs befell at the time the MIRAS instrument CMN, unit B2, unlocked 2019-01-26T09:09:50,269z (DoY 026):

<b>GS_TIME</b>	<b>OB_TIME</b>	<b>PARAMETER</b>	<b>DESCRIPTION</b>	<b>OOL Value</b>	<b>Check Value</b>
2019.026.13.47.12,626	2019.026.09.09.50,269	SPM18167	B2	LO_Locking	UNLOCK