



## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 33, year 2019**

from 12 AUG 2019 to 19 AUG 2019

**1.0**

## 1 General Comments

Activities scheduled for this week are those planned for the 33<sup>rd</sup> calendar week of 2019:

12 AUG 2019 to 19 AUG 2019 (DoYs 224 to 231).

The following routine activities were planned this week (see Gantt chart on next page and CRF 826).

- One Warm NIR Calibration on 14 AUG 2019 (DoY 226) with ETO 06:34:00z (orbit 51401; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	4.01°
R.M.S.	=	0.37
Sun elevation	=	3.12°
Moon elevation	=	4.90°
R.A.	=	235.59°
DEC.	=	23.19°
- Two LONG Calibrations on 14 AUG 2019 (DoY 226), which encompassed two ascending semi-orbital periods starting at 15:11:30z (orbit 51406) and 16:52:00z (orbit 51407).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

## 2 Mission Planning Deviations

None.



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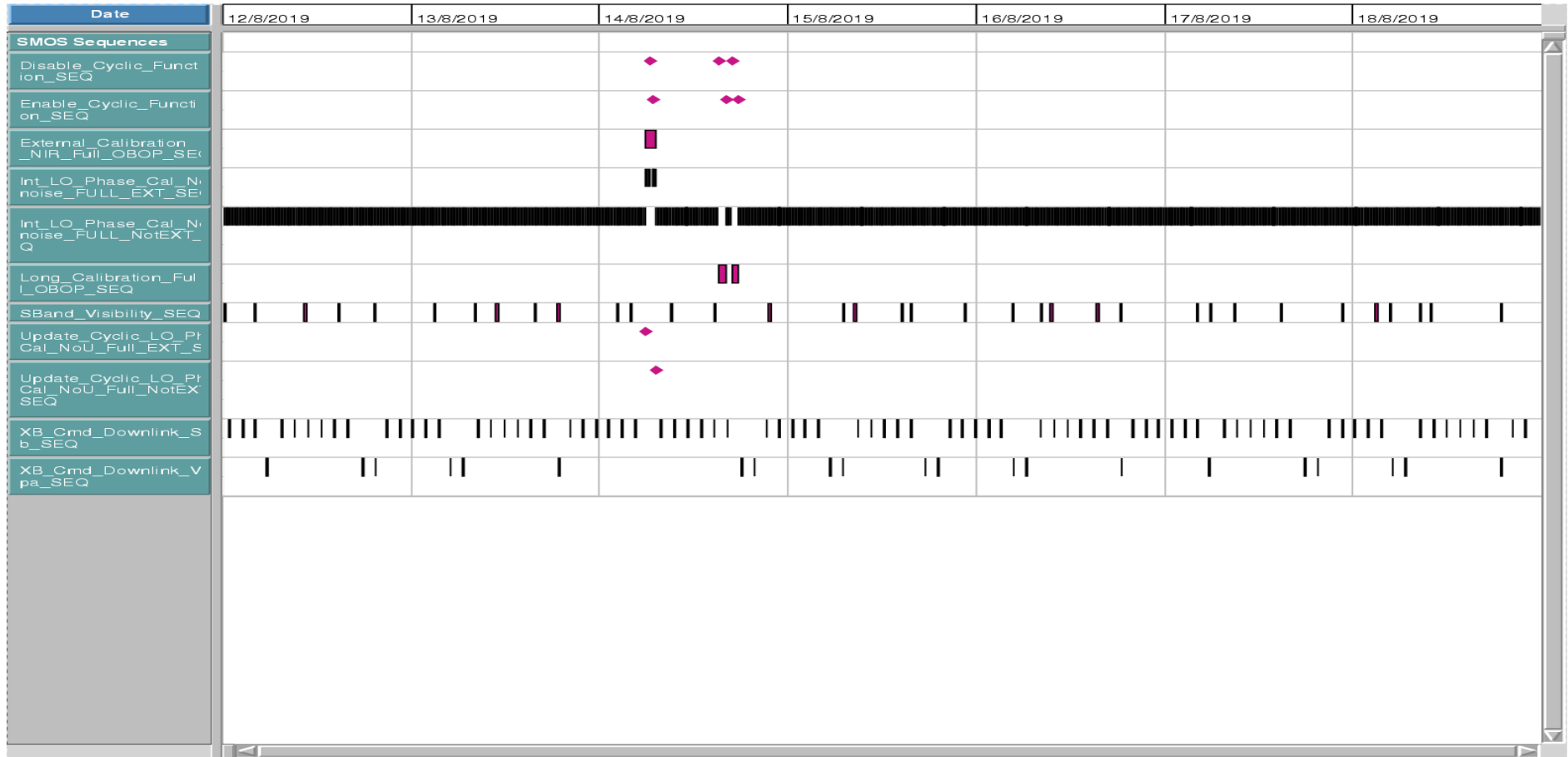
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Schedule Name: 2019\_w33\_cr ### Display start: 12-08-2019 00:00:00.000 ### Display end: 19-08-2019 00:00:00.000





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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	2019.226.11.16.31,760	21D528C
RAM Single Bit Error	730	WARNING	2019.226.21.21.41,796	20AB220

### 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.