



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 50, year 2019

from 09 DEC 2019 to 16 DEC 2019

1.0

1 General Comments

Activities scheduled for this week are those planned for the 50th calendar week of 2019:

09 DEC 2019 to 16 DEC 2019 (DOYs 343 to 350).

The following routine activities were planned this week (see Gantt chart on next page and CRF 856).

- One PMS Offset on 12 DEC 2019 (DOY 346), including three Short Calibrations at 05:52:30.0z, 05:53:04.8z, and 05:53:39.6z (orbit 53127).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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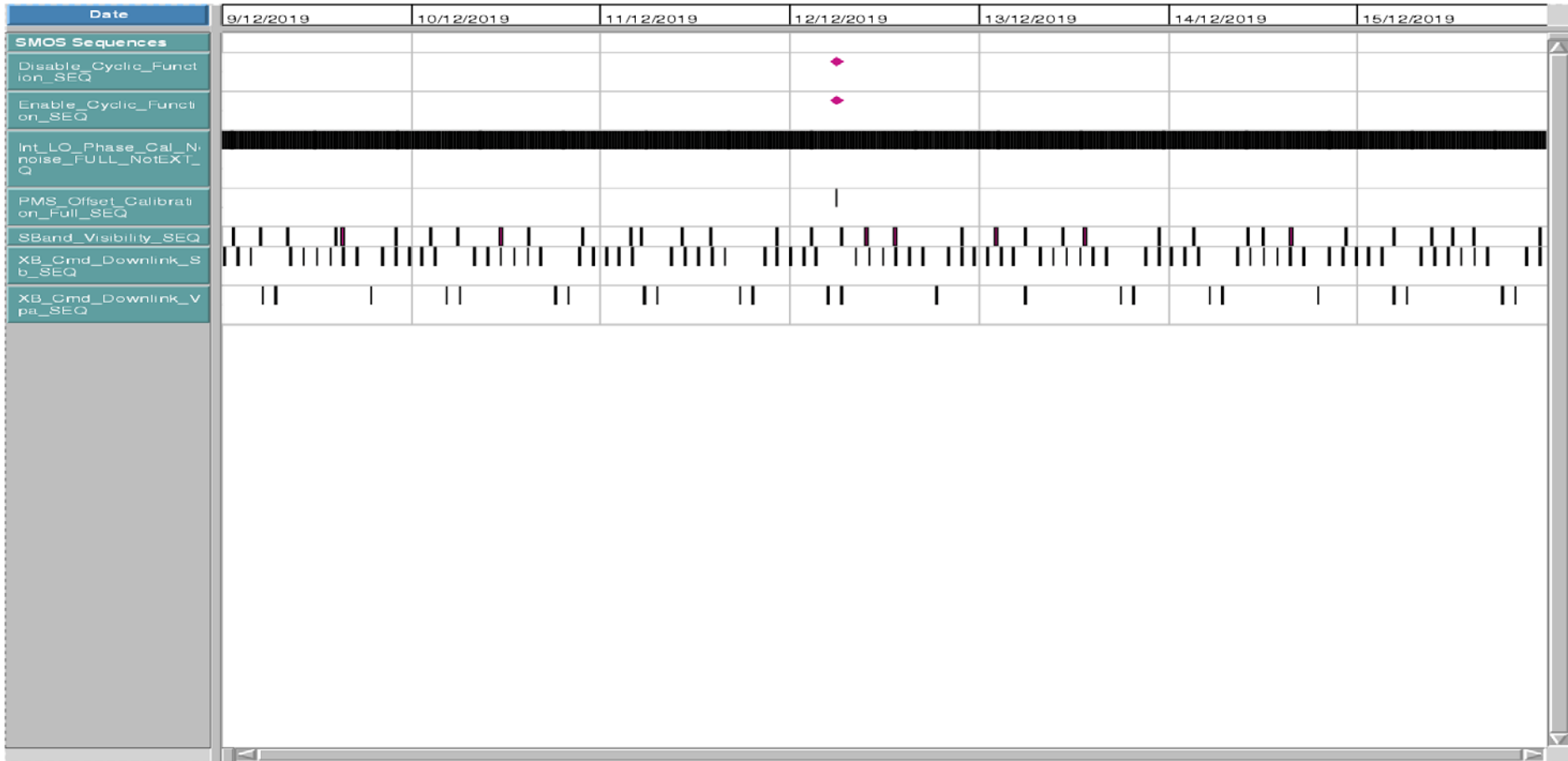
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Schedule Name: 2019_w50_cr ### Display start: 09-12-2019 00:00:00.000 ### Display end: 16-12-2019 00:00:00.000





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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	WARN	2019-12-15T22:56:10	21CCE44
RAM single Bit Error	730	WARN	2019-12-13T20:04:06	2104528
RAM single Bit Error	730	WARN	2019-12-13T18:41:58	22329A8
RAM single Bit Error	730	WARN	2019-12-10T09:43:52	2368B54
RAM single Bit Error	730	WARN	2019-12-09T19:34:38	2240D08

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, with the following exceptions:

- The whole telemetry data for S-Band pass STC-3 on 15 of December 2019 (AOS=04:28:44z, LOS=04:42:40z), was not received at ESAC due to a Ground station problem (The antenna remained blocked). This problem created a gap on MIRAS PUS TM from 2019-12-14T22:25:59.359z to 2019-12-15T04:30:22.453z and on E-HKTM from 2019-12-14T22:25:29z to 2017-11-10T04:30:50z. MIRAS PUS TM data was filled from X-Band and PXMF system.

8 X Band Data Reception in PXMF

PXMF system was used to fill the TM gap reported in step 7 of this report.

9 Exceptional Activities

None.



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10 AOB

None.

APPENDIX A: OOLs

No relevant Out of Limits were received this reporting week.