



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 38, year 2019

from 16 SEP 2019 to 23 SEP 2019

1.0

1 General Comments

Activities scheduled for this week are those planned for the 38th calendar week of 2019:

16 SEP 2019 to 23 SEP 2019 (DOYs 259 to 266).

The following routine activities were planned this week (see Gantt chart on next page and CRF 832).

- One PMS Offset on 19 SEP 2019 (DOY 262), including three Short Calibrations at 07:02:00.0z, 07:02:34.8z, and 07:03:09.6z (orbit 51919).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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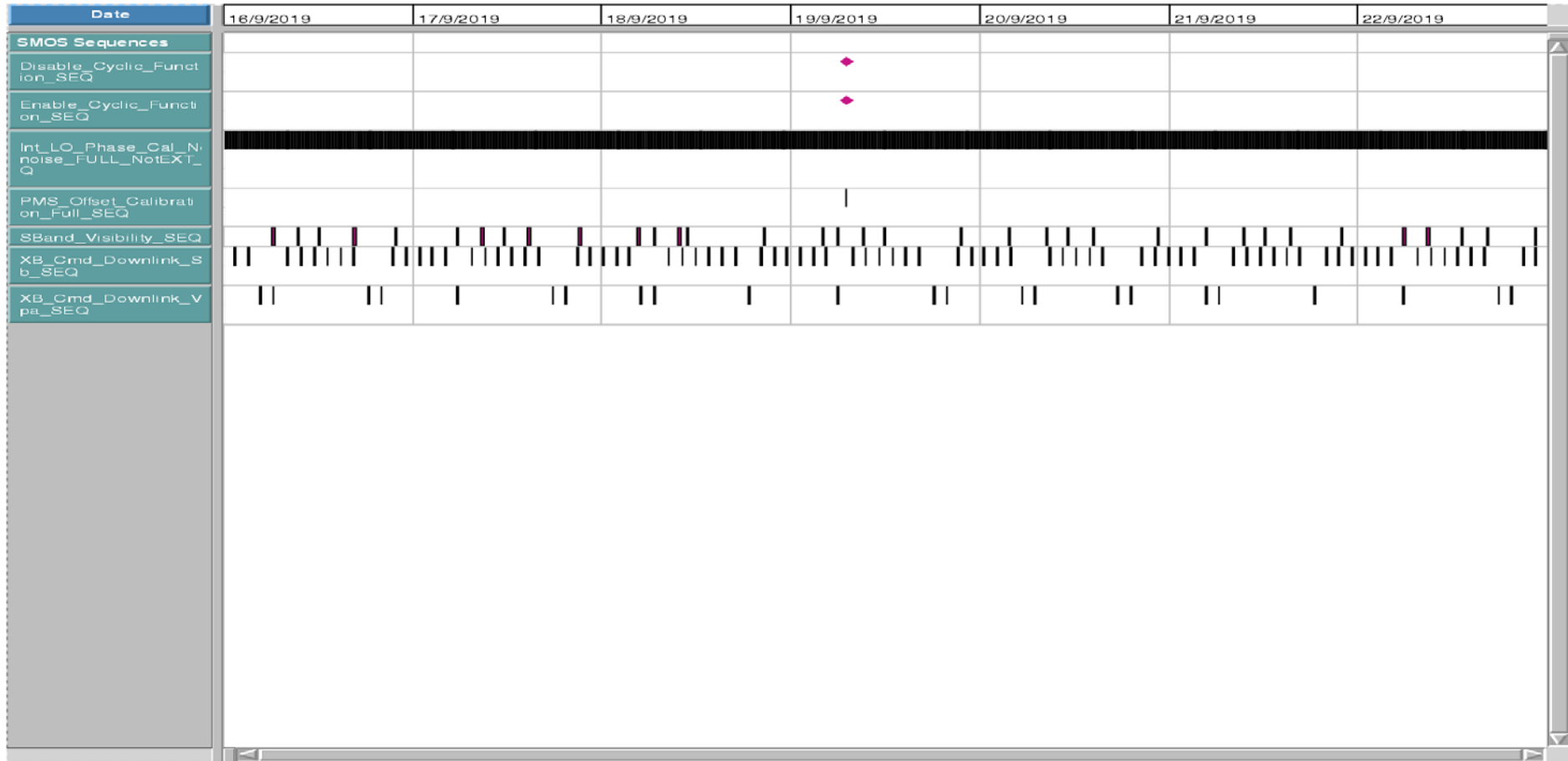
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Schedule Name: 2019_w38_cr ### Display start: 16-09-2019 00:00:00.000 ### Display end: 23-09-2019 00:00:00.000





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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	2019-09-22T09:52:13	2172A60
RAM single Bit Error	730	WARN	2019-09-21T21:33:15	2014060

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 exception:

- For S band GS pass KUX-28 (AOS = 21:30:59z) the following PUS TM gap was detected in the PLPC system:

*from 2019-09-19T11:48:27.160z to 2019-09-19T20:18:28.787z;
6668 packets lost.*

To achieve completion MIRAS PUS TM was recovered from the X band PXMF system and ingested into the MUST-SMTA system on 20 MAY 2018. The “lost” E_HKTM telemetry, from 2019-09-19T11:48:23z to 2019-09-19T21:18:00z, was later on recovered from the S-Band station and transferred to FOS on the 23rd of September.

8 X Band Data Reception in PXMF

MIRAS X Band telemetry was processed on FOS PXMF system in order to recover the PUS TM gap created by the S Band station problem reported in section 7.

9 Exceptional Activities

None.



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10 AOB

None.

APPENDIX A: OOLs

No relevant Out of Limits were received this week.