



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 29, year 2020

from 13 JUL 2020 to 20 JUL 2020

1.0

1 General Comments

Activities scheduled for this week are those planned for the 29th calendar week of 2020:

13 JUL 2020 to 20 JUL 2020 (DoYs 195 to 202).

The following routine activities were planned this week (see Gantt chart on next page and CRF 901).

- One PMS Offset on 16 JUL 2020 (DoY 198), including three Short Calibrations at 06:47:30.0z, 06:48:04.8z, and 06:48:39.6z (orbit 56250).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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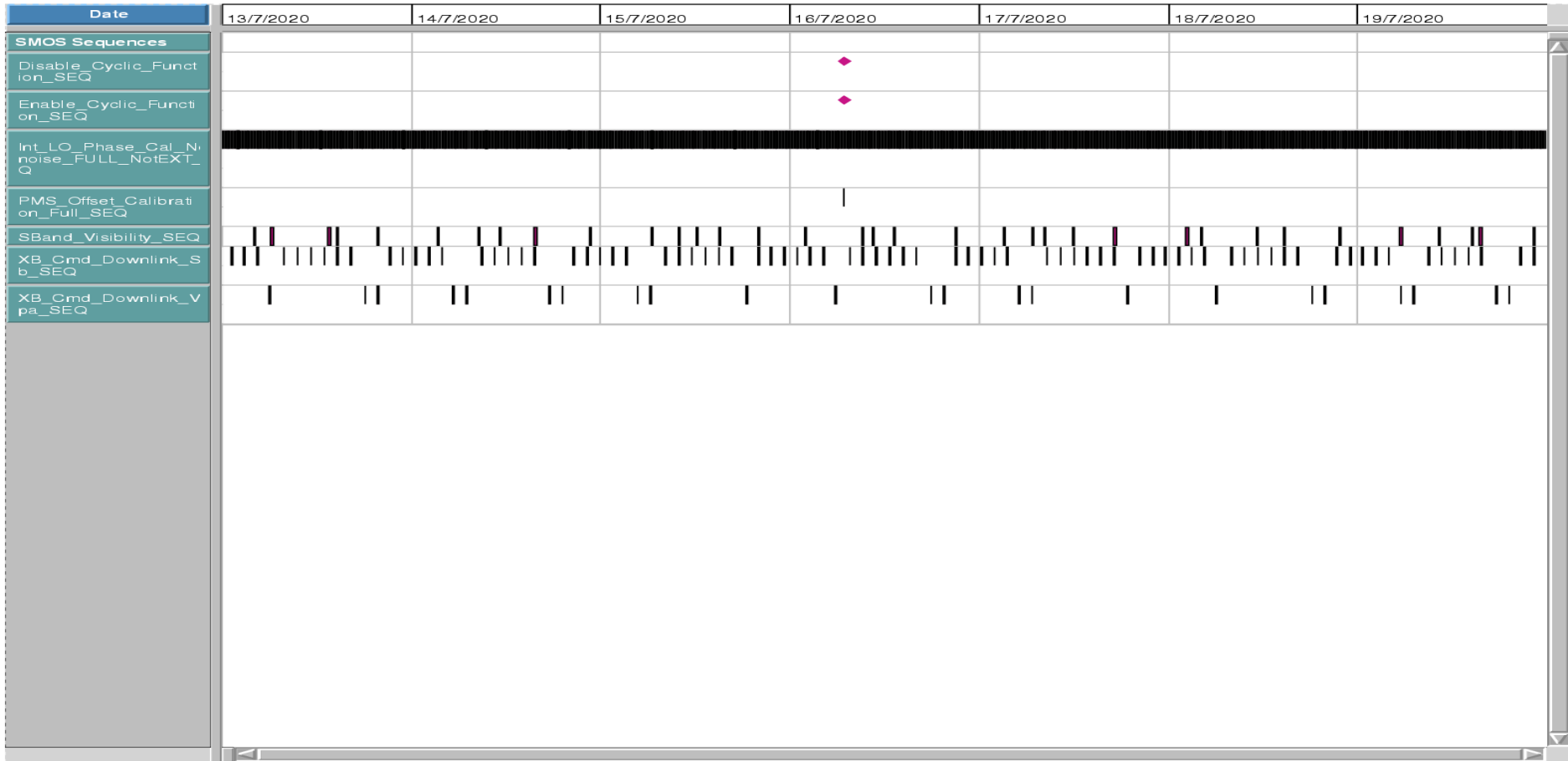
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Schedule Name: 2020_w29_cr ### Display start: 13-07-2020 00:00:00.000 ### Display end: 20-07-2020 00:00:00.000





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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	2020.195.11.30.27,897	20E6D78
RAM Single Bit Error	730	WARNING	2020.197.10.25.58,837	21907D4
RAM Single Bit Error	730	WARNING	2020.197.21.42.52,089	20CD8A8
RAM Single Bit Error	730	WARNING	2020.199.10.07.28,389	23CDF9C
RAM Single Bit Error	730	WARNING	2020.200.10.10.49,788	215B7C8

6 FOS Systems Status

- At FOS request, EOP-PES checks the Orbit Scenario File (OSF) biannually. A new entry in this file was required to compensate additional orbital drift observed from DEC 2019 (orbit 55,540).

Consequently, a new version of the OSF adjusting this drift was issued by FOS 19 JUN 2020 and distributed for testing and validation purposes to CEC/DPGS. Following a successful validation, the new OSF was officially delivered by FOS 16 JUL 2020.

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.