



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 31, year 2019

from 29 JUL 2019 to 05 AUG 2019

1.0

1 General Comments

Activities scheduled for this week are those planned for the 31st calendar week of 2019:

29 JUL 2019 to 05 AUG 2019 (DOYs 210 to 217).

The following routine activities were planned this week (see Gantt chart on next page and CRF 824).

- One Warm NIR Calibration on 31 JUL 2019 (DOY 212) with ETO 16:44:24z (orbit 51206; ASCENDING: thermally UNSTABLE) and with the following expected calibration values:

B.T.	=	3.94°
R.M.S.	=	0.51
Sun elevation	=	3.88°
Moon elevation	=	8.98°
R.A.	=	33.38°
DEC.	=	29.84°
- One PMS Offset on 01 AUG 2019 (DOY 213), including three Short Calibrations at 07:09:30.0z, 07:10:04.8z, and 07:10:39.6z (orbit 51214).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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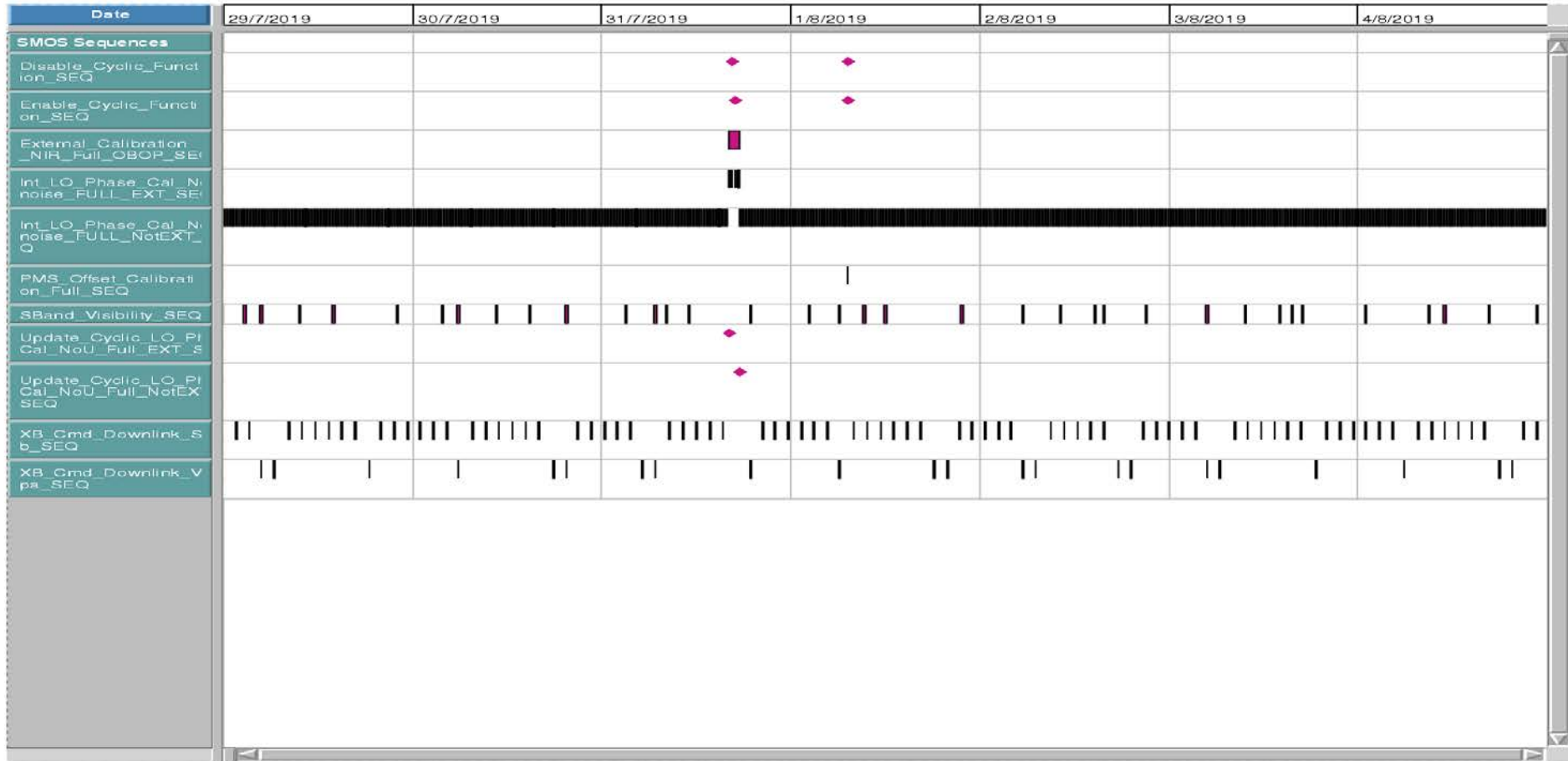
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Schedule Name: 2019_w31_cr ### Display start: 29-07-2019 00:00:00.000 ### Display end: 05-08-2019 00:00:00.000





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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	WARN	2019-07-30T19:47:03	2061064
RAM single Bit Error	730	WARN	2019-07-30T21:32:19	21679B4
RAM single Bit Error	730	WARN	2019-08-03T12:52:56	21531B0

6 FOS Systems Status

- FOSEXT PC, had several unexpected reboots on the 29th of July, 1st and 2nd of August. No clear reason for the anomaly has been found so far. ESA-IT is debugging the machine trying to find the problem.

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.

APPENDIX A: OOLs

No relevant Out of Limits were received this week.