



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 51, year 2018

from 17 DEC 2018 to 24 DEC 2018

1.0

1 General Comments

Activities scheduled for this week are those planned for the 51st calendar week of 2018:

17 DEC 2018 to 24 DEC 2018 (DOYs 351 to 358).

The following routine activities were planned this week (see Gantt chart on next page and CRF 782).

- One Warm NIR Calibration on 19 DEC 2018 (DOY 353) with ETO 16:51:05z (orbit 47982; ASCENDING: thermally STABLE) and with the following expected calibration values:

B.T.	=	3.84°
R.M.S.	=	0.29
Sun elevation	=	9.04°
Moon elevation	=	-46.55°
R.A.	=	180.56°
DEC.	=	-14.82°

- Two LONG Calibrations on 20 DEC 2018 (DOY 354), which encompassed two ascending semi-orbital periods starting at 13:55:00z (orbit 47995) and 15:37:30z (orbit 47996).
- One FTR Calibration on 21 DEC 2018 (DOY 355) with ETO 21:02:47z (orbit 48014; DESCENDING: thermally STABLE) and with the following expected calibration values:

B.T.	=	3.93°
R.M.S.	=	0.72
Sun elevation	=	-31.89°
Moon elevation	=	26.93°
R.A.	=	86.85°
DEC.	=	81.54°

- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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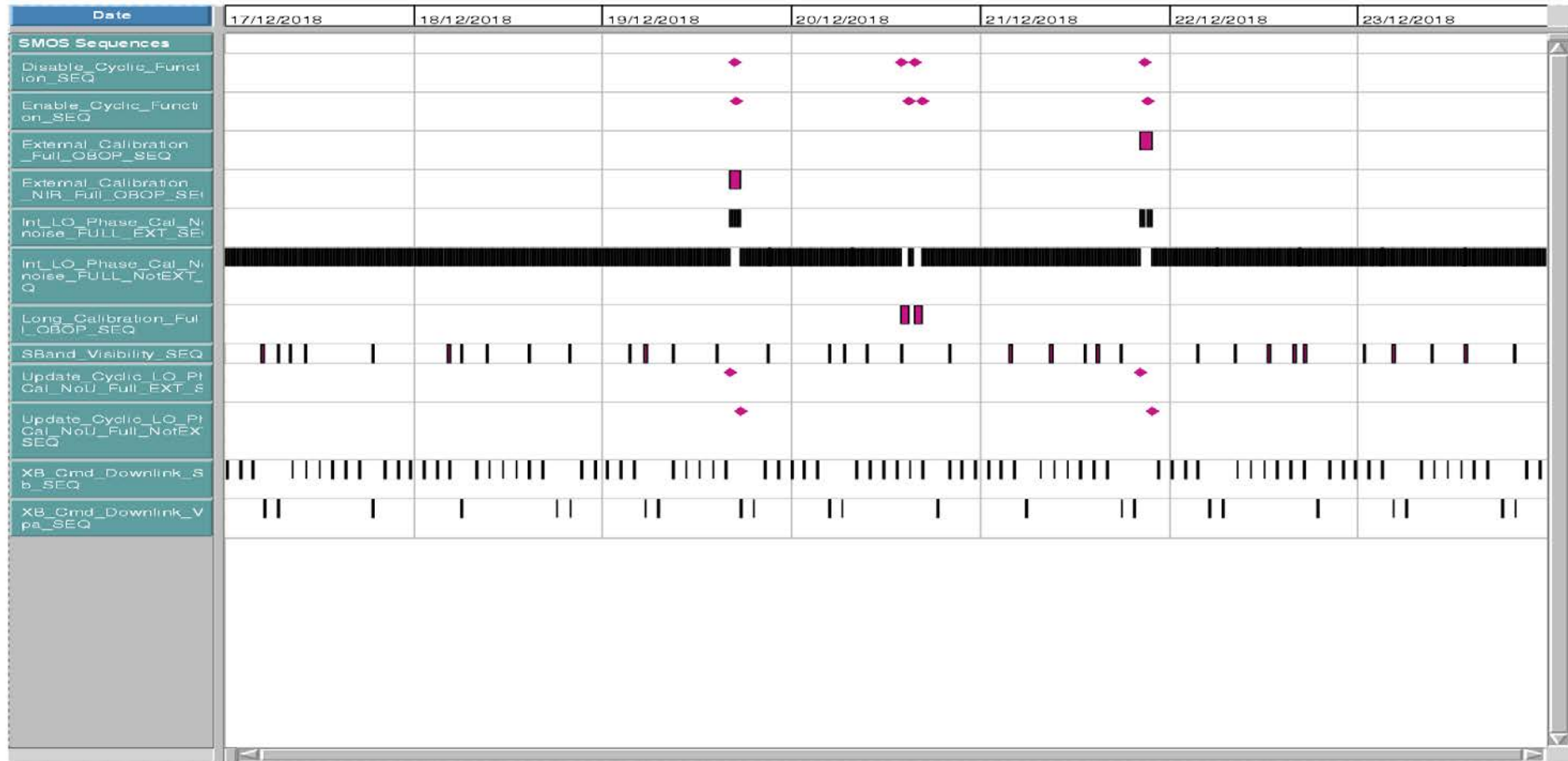
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Schedule Name: 2018_w51_cr ### Display start: 17-12-2018 00:00:00.000 ### Display end: 24-12-2018 00:00:00.000





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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	2018-12-21T11:13:04	214AC40
RAM single Bit Error	730	WARN	2018-12-22T21:20:26	2394F38
RAM single Bit Error	730	WARN	2018-12-23T20:23:10	230DC2C
RAM single Bit Error	730	WARN	2018-12-23T20:55:59	202E500
RAM single Bit Error	730	WARN	2018-12-23T22:41:46	23CFEF8

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.

APPENDIX A: OOLs

No relevant Out of Limits were received this week.