



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 40, year 2018

from 01 OCT 2018 to 08 OCT 2018

1.0

1 General Comments

Activities scheduled for this week are those planned for the 40th calendar week of 2018:

01 OCT 2018 to 08 OCT 2018 (DOYs 274 to 281).

The following routine activities were planned this week (see Gantt chart on next page and CRF 768).

- One Warm NIR Calibration on 03 OCT 2018 (DOY 276) with ETO 16:42:22z (orbit 46874; ASCENDING: thermally STABLE) and with the following expected calibration values:

B.T.	=	3.94°
R.M.S.	=	0.64
Sun elevation	=	9.99°
Moon elevation	=	31.53°
R.A.	=	108.69°
DEC.	=	-36.16°
- One PMS Offset on 04 OCT 2018 (DOY 277), including three Short Calibrations at 07:26:30.0z, 07:27:04.8z, and 07:27:39.6z (orbit 46883).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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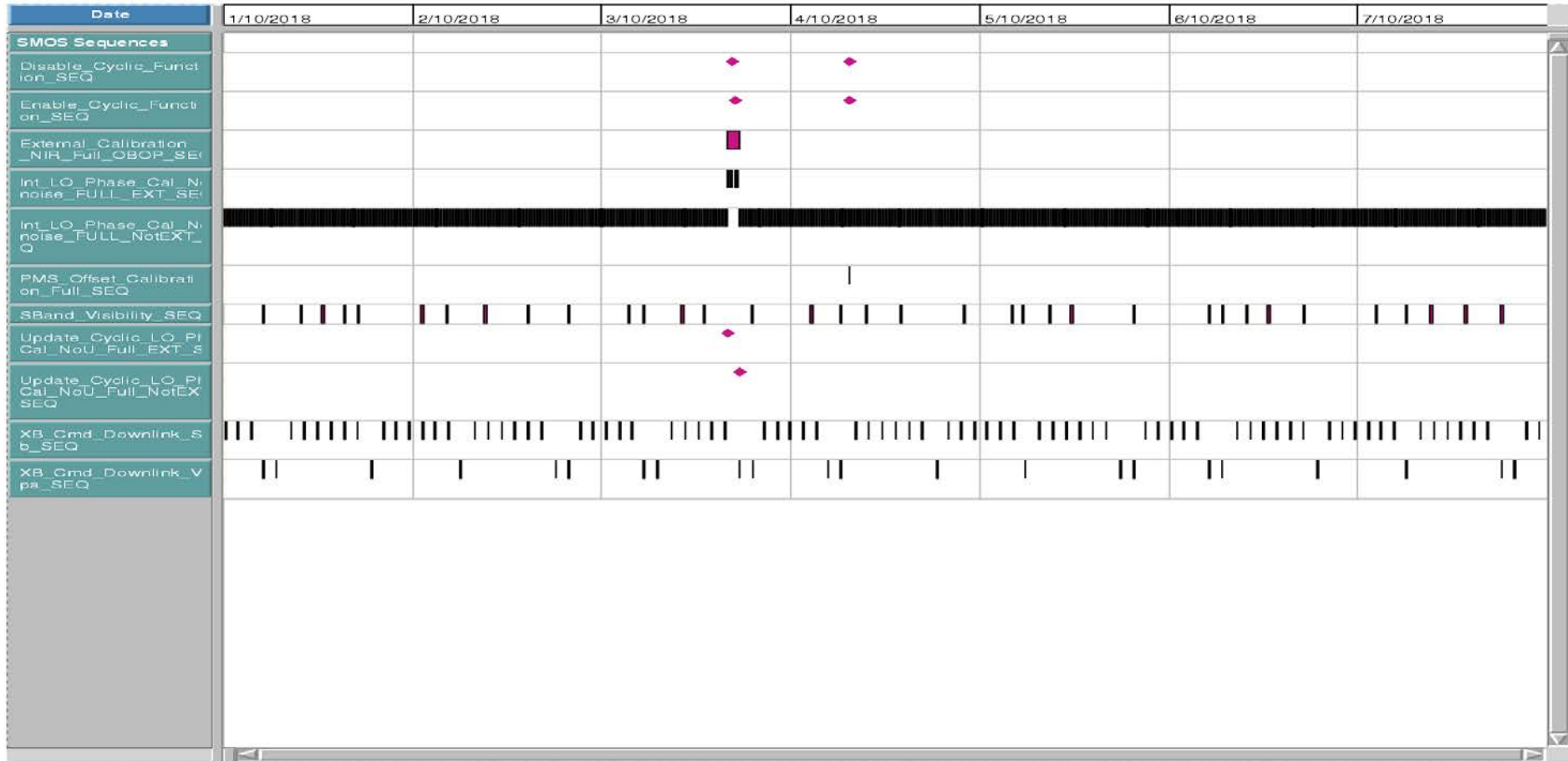
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Schedule Name: 2018_w40_cr ### Display start: 01-10-2018 00:00:00.000 ### Display end: 08-10-2018 00:00:00.000





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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	2018-10-05T21:36:34	200C304
RAM single Bit Error	730	WARN	2018-10-04T22:09:50	23C07BC
RAM single Bit Error	730	WARN	2018-10-03T21:32:30	21082EC

6 FOS Systems Status

- PLPCEXT machines were swap on the 4 of October according to the following schedule:

Sband pass with AOS=06:18z, acquired with PLPCEXT1 machine

Sband pass with AOS=09:27z, acquired with PLPCEXT2 machine

Sband pass with AOS=13:50Z, acquired with PLPCEXT1 machine

After the reception of the second pass, PLPCEXT1 machine was successfully rebooted. Similar to this and after the reception of the third pass, PLPCEXT2 machines was also rebooted.

The test was successfully performed although some minor issues were identified and it will be duly documented. In particular the fact that on the machine acting as backup system, files located under directory *outTray/SOGS* directory are not periodically deleted. A dedicated cleaning script will be developed soon performing that clean up processes

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.



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9 Exceptional Activities

None.

10 AOB

None.

APPENDIX A: OOLs

No relevant Out of Limits were received during this week.