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## Operations Notes

FOS Team @ ESAC

Reported by:

*J. Fauste/J.M. Castro Cerón*

Topic:

Date:

Issue:

**FOS Report for week 11, year 2018**

from 12 MAR 2018 to 19 MAR 2018

**1.0**

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### 1 General Comments

Activities scheduled for this week are those planned for the 11<sup>th</sup> calendar week of 2018:

12 MAR 2018 to 19 MAR 2018 (DoYs 071 to 078).

The following routine activities were planned this week (see Gantt chart on next page and CRF 723).

- One PMS Offset on 15 MAR 2018 (DoY 074), including three Short Calibrations at 07:28:00.0z, 07:28:34.8z, and 07:29:09.6z (orbit 43962).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

### 2 Mission Planning Deviations

None.



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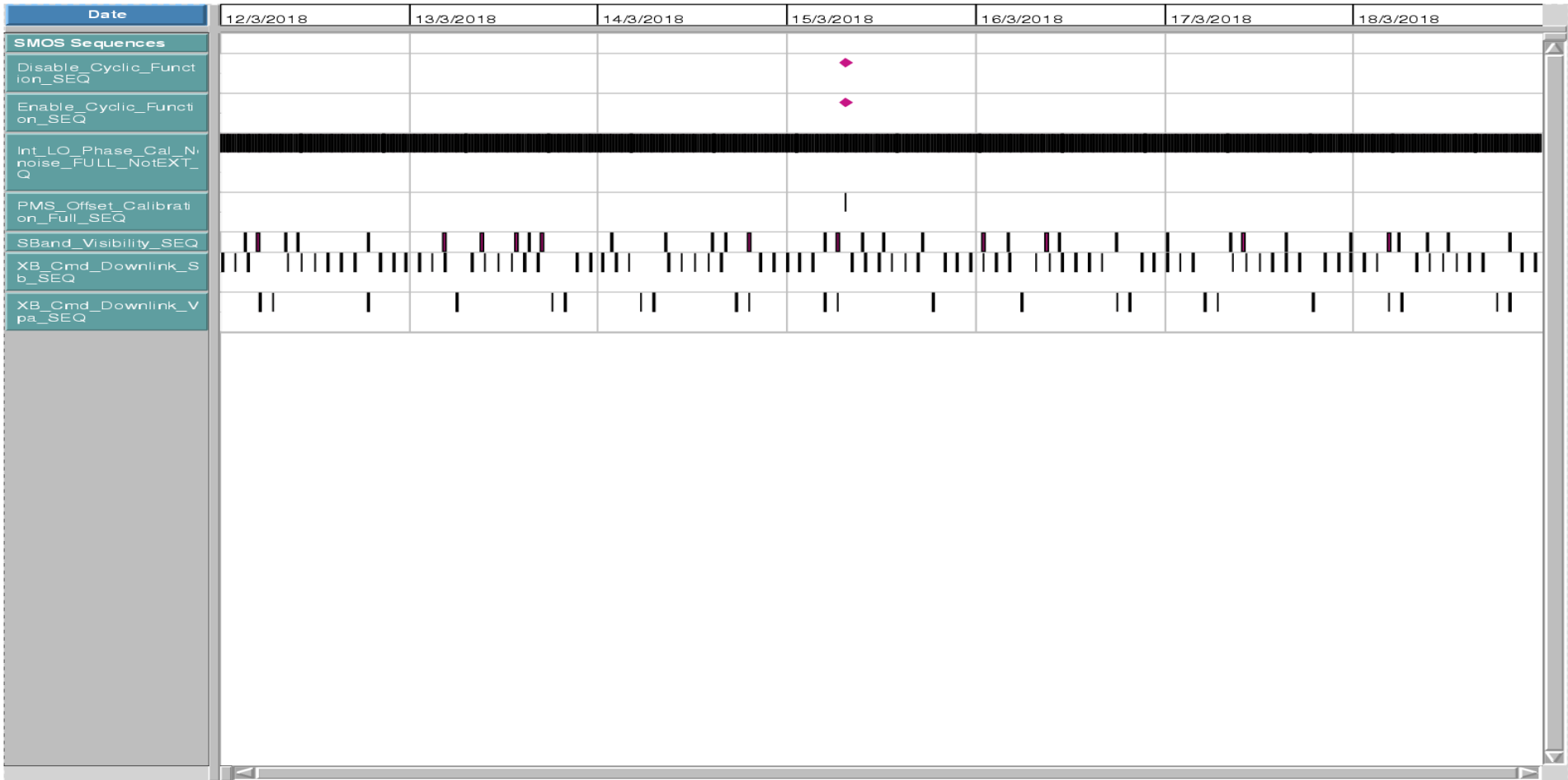
Issue:

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Schedule Name: 2018\_w11\_cr ### Display start: 12-03-2018 00:00:00.000 ### Display end: 19-03-2018 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	WARNING	2018.071.19.38.26,959	20C999C

### 6 FOS Systems Status

- All FOS systems nominal.
- On 15 MAR 2018 two new workstations, PXMFDIS and PLPCDIS, were installed by GMV to replace their older counterparts.

### 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 exceptions:

- For S band GS pass KUX-15 (AoS = 2018-03-15T09:29:34z; LoS = 2018-03-15T 09:44:12z) the following PUS TM gap was detected in the PLPC system:

*from 2018-03-15T06:22:09,621z to 2018-03-15T09:01:52,966z; 15820 packets lost*

To achieve completion MIRAS PUS TM was recovered from the X band PXMF system and ingested into the MUST-SMTA system on 15 MAR 2017.

### 8 X Band Data Reception in PXMF

- The PXMF server was used to fill the following MIRAS PUS TM gap:

*from 2018-03-15T06:22:09,621z to 2018-03-15T09:01:52,966z*

The corresponding E\_HKTM was lost:

*from 2018-03-15T06:22:03z to 2018-03-15T09:20:43z*

### 9 Exceptional Activities

None.

### 10 AOB

None.