



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 01, year 2017

from 02 JAN 2017 to 09 JAN 2017

1.0

1 General Comments

Activities scheduled for this week are those planned for the 1st calendar week of 2017:

02 JAN 2017 to 09 JAN 2017 (DOYs 002 to 009).

It is important to bear in mind, that this planning week was scheduled and uploaded together with week 52 of year 2016. The following routine activities were planned this week (see Gantt chart on next page and CRF 629):

- One Warm NIR Calibration on 06 JAN 2017 (DOY 006) with ETO 03:03:37z (orbit 37729) and with the following expected calibration values:

B.T.	=	3.6462°
R.M.S.	=	0.058800
Sun Elevation	=	9.994000°
Moon elevation	=	67.332300°
R.A.	=	13.07°
DEC.	=	-16.98°

- Two LONG Calibrations on 06 JAN 2017 (DOY 006), which encompassed two orbital periods starting at 15:04:45.0z (orbit 37736) and 16:44:45.0z (orbit 37737).
- One Flat Target Calibration on 07 JAN 2017 (DOY 007) with ETO 16:38:12z (orbit 37752) and with the following expected calibration values:

B.T.	=	3.532300°
R.M.S.	=	0.150700
Sun Elevation	=	-14.910300°
Moon elevation	=	-44.146500°
R.A.	=	192.800000°
DEC.	=	27.430000°

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

2 Mission Planning Deviations

None.



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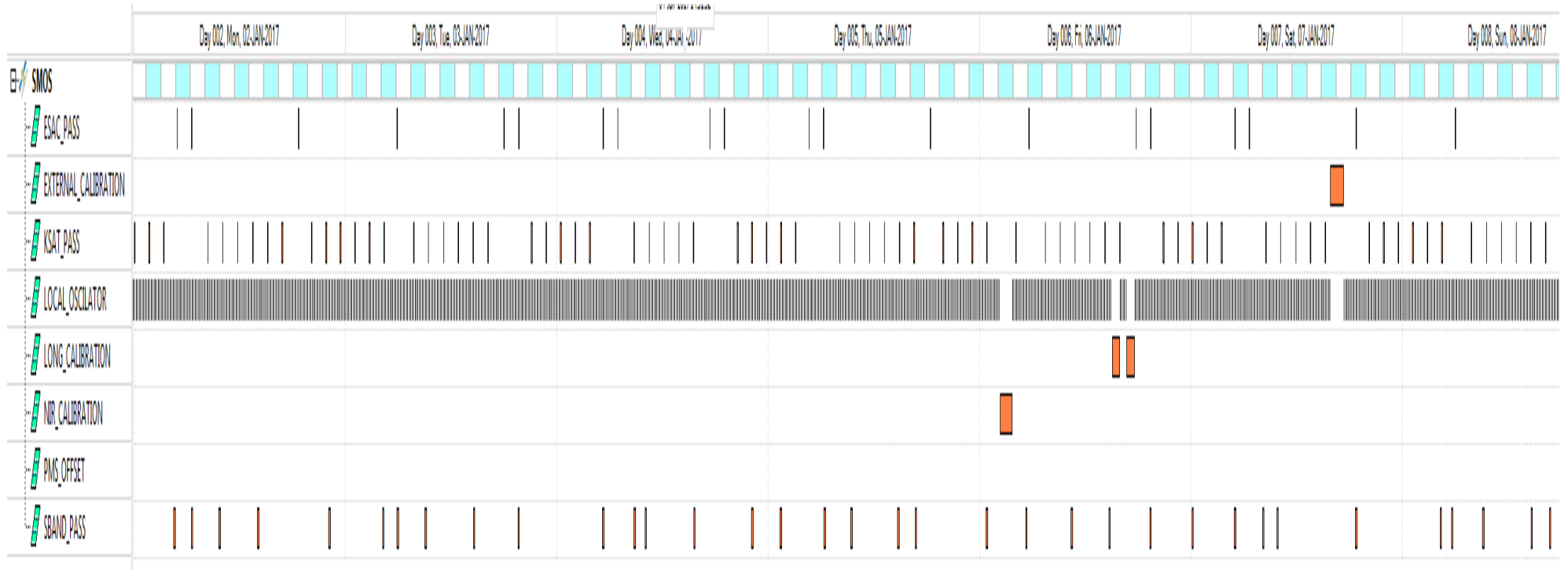
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3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

None.

5 On Board Anomalies

None.

6 On Board Events Telemetry

The following RAM Single Bit error befell this week:

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2017.008.22.40.12.821	200CF3C

7 FOS Systems Status

All FOS systems nominal.

8 Data Reception from CNES

All S band passes were correctly received from CNES and successfully processed by the FOS PLPC system.

9 X Band Data Reception in PXMF

None, all S band passes successfully received and processed.

10 Exceptional Activities

None.

11 AOB

None.

APPENDIX A: OOLs

No relevant Out of Limits were received during this week.