



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 23, year 2017

from 05 JUN 2017 to 12 JUN 2017

1.0

1 General Comments

Activities scheduled for this week are those planned for the 23rd calendar week of 2017:

05 JUN 2017 to 12 JUN 2017 (DOYs 156 to 163).

The following routine activities were planned this week (see Gantt chart on next page and CRF 663):

- One Warm NIR Calibration on 07 JUN 2017 (DOY 158) with ETO 04:11:41z (orbit 39917) and with the following expected calibration values:

B.T.	=	3.4936°
R.M.S.	=	0.1017
Sun Elevation	=	9.0035°
Moon elevation	=	14.2277°
R.A.	=	173.11°
DEC.	=	40.88°
- One PMS Offset on 08 JUN 2017 (DOY 159), including three Short Calibrations at 07:27:30.0z, 07:28:04.8z, and 07:28:39.6z (orbit 39933).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



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Schedule Name: 2017_w23_cr ### Display start: 05-06-2017 00:00:00.000 ### Display end: 12-06-2017 00:00:00.000

Date	5/6/2017	6/6/2017	7/6/2017	8/6/2017	9/6/2017	10/6/2017	11/6/2017
SMOS Sequences							
Disable_Cyclic_Function_SEQ			◆	◆			
Enable_Cyclic_Function_SEQ			◆	◆			
External_Calibration_NIR_Full_OBOP_SEQ			█				
Int_LO_Phase_Cal_Noise_Full_EXT_SEQ			█				
Int_LO_Phase_Cal_Noise_Full_NoEXT_SEQ							
PMS_Offset_Calibration_Full_SEQ							
SBand_Visibility_SEQ	█	█	█	█	█	█	█
Update_Cyclic_LO_Pt_Cal_NoU_Full_EXT_SEQ			◆				
Update_Cyclic_LO_Pt_Cal_NoU_Full_NotEXT_SEQ			◆				
XB_Cmd_Downlink_Sb_SEQ	█	█	█	█	█	█	█
XB_Cmd_Downlink_Vpa_SEQ	█	█	█	█	█	█	█



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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 errors befell this week:

Event Description	Packet ID	Severity	Event Time	Parameters
RAM single Bit Error	730	WARN	2017-06-10T10:20:35	23EF76C
RAM single Bit Error	730	WARN	2017-06-05T11:38:12	23691A8

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 PXM

None, all S band passes successfully received and processed.

10 Exceptional Activities

None.

11 AOB

None.

APPENDIX A: OOLs

None.