

J. Fauste/J.M. Castro Cerón

#### **1** General Comments

Activities scheduled for this week are those planned for the  $33^{rd}$  calendar week of 2019:

12 AUG 2019 to 19 AUG 2019 (DoYs 224 to 231).

The following routine activities were planned this week (see Gantt chart on next page and CRF 826).

• One Warm NIR Calibration on 14 AUG 2019 (DoY 226) with ETO 06:34:00z (orbit 51401; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

Β.Τ.	=	4.01°
R.M.S.	=	0.37
Sun elevation	=	3.12°
Moon elevation	=	4.90°
R.A.	=	235.59°
DEC.	=	23.19°

- Two LONG Calibrations on 14 AUG 2019 (DoY 226), which encompassed two ascending semi-orbital periods starting at 15:11:30z (orbit 51406) and 16:52:00z (orbit 51407).
- Local Oscillator Calibrations every 10 minutes.
- *X* band Passes over ESAC and Svalbard.

#### 2 Mission Planning Deviations

None.



Schedule Name: 2019_w33_cr	###	Display start: 12-08-2019 00:00:00.000	###	Display end: 19-08-2019 00:00:00.000
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Date	12/8/2019	13/8/2019	14/8/2019	15/8/2019	16/8/2019	17/8/2019	18/8/2019
SMOS Sequences							
Disable_Cyclic_Funct ion_SEQ			• ••				
Enable_Cyclic_Functi on_SEQ			• ••				
External_Calibration _NIR_Full_OBOP_SE							
Int_LO_Phase_Cal_Ni noise_FULL_EXT_SEi			II				
Int_LO_Phase_Cal_N <sup>,</sup> noise_FULL_NotEXT_ Q			anananan menerikanan a menerika				
Long_Calibration_Ful I_OBOP_SEQ			88				
SBand_Visibility_SEQ							
Update_Cyclic_LO_Pt Cal_NoU_Full_EXT_S							
Update_Cyclic_LO_Pf Cal_NoU_Full_NotEX SEQ			•				
XB_Cmd_Downlink_S b_SEQ		111 111111 11		111		111 1	
XB_Cmd_Downlink_V pa_SEQ	1 1	11 1	11	11 1	11 1	I I	



Operations Notes FOS Team @ ESAC Reported by: J. Fauste/J.M. Castro Cerón

3 TC Failures

None.

### 4 On Board Anomalies

None.

### 5 On Board Events Telemetry

The following RAM Single Bit errors befell this week:

<b>Event Description</b>	Packet ID	Severity	Event Time	Parameters
RAM Single Bit Error	730	WARNING	2019.226.11.16.31,760	21D528C
RAM Single Bit Error	730	WARNING	2019.226.21.21.41,796	20AB220

Topic:

Date:

Issue:

## 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.

**FOS Report for week 33, year 2019** from 12 AUG 2019 to 19 AUG 2019 **1.0**