

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

Topic: Date: Issue:

1 General Comments

Activities scheduled for this week are those planned for the 34^{th} calendar week of 2019:

19 AUG 2019 to 26 AUG 2019 (DoYs 231 to 238).

The following routine activities were planned this week (see Gantt chart on next page and CRF 828).

- One PMS Offset on 22 AUG 2019 (DoY 234), including three Short Calibrations at 06:52:00.0z, 06:52:34.8z, and 06:53:09.6z (orbit 51516).
- Local Oscillator Calibrations every 10 minutes.
- *X* band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.

SMOS	Operations Notes	Topic:	FOS Report for week 34, year 2019
	FOS Team @ ESAC	Date:	from 19 AUG 2019 to 26 AUG 2019
	Reported by:	Issue:	1.0
	J.M. Castro Cerón		

Schedule Name: 2019_w34_cr ### Display start: 19-08-2019 00:00:00.000 ### Display end: 26-08-2019 00:00:00.000

Date	19/8/2019	20/8/2019	21/8/2019	22/8/2019	23/8/2019	24/8/2019	25/8/2019
SMOS Sequences							
Disable_Cyclic_Funct ion_SEQ				•			
Enable_Cyclic_Functi on_SEQ				•			
Int_LO_Phase_Cal_N [,] noise_FULL_NotEXT_ Q							
PMS_Offset_Calibrati on_Full_SEQ							
SBand_Visibility_SEQ XB_Cmd_Downlink_S b_SEQ							
XB_Cmd_Downlink_V pa_SEQ		11 11		I II	11 1	11 11	11 11



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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	2019.231.00.50.25,201	2386D88
RAM Single Bit Error	730	WARNING	2019.231.12.25.19,662	2362424
RAM Single Bit Error	730	WARNING	2019.237.21.22.55,573	2278010

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.