

Topic: Date:

Issue:

FOS Report for week 29, year 2023 from 17 JUL 2023 to 24 JUL 2023 1.0

J. Fauste/J.M. Castro Cerón

1 General Comments

Activities scheduled for this week are those planned for the 29^{th} calendar week of 2023:

17 JUL 2023 to 24 JUL 2023 (DoYs 198 to 205).

The following routine activities were planned this week (see Gantt chart on next page and CRF n° 1133).

- One PMS Offset on 20 JUL 2023 (DoY 201), including three Short Calibrations at 05:25:00.0z, 05:25:34.8z, and 05:26:09.6z (orbit 72063).
- 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 29, year 2023
	FOS Team @ ESAC	Date:	from 17 JUL 2023 to 24 JUL 2023
	Reported by:	Issue:	1.0
	J. Fauste/J.M. Castro Cerón		

Schedule Name: 2023_w29_cr ### Display start: 17-07-2023 00:00:00.000 ### Display end: 24-07-2023 00:00:00.000

Date	17/7/2023	18/7/2023	19/7/2023	20/7/2023	21/7/2023	22/7/2023	23/7/2023
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		I			11 11	11 1	I 11
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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:

Event Description	Packet ID	Severity	Event Time	Parameters
RAM Single Bit Error	730	WARNING	2023.203.12.37.55	21294AC

Topic:

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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.

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