

Topic: Date:

Issue:

J. Fauste/J.M. Castro Cerón

1 **General Comments**

Activities scheduled for this week are those planned for the 09th calendar week of 2023:

27 FEB 2023 to 06 MAR 2023 (DoYs 058 to 065).

The following routine activities were planned this week (see Gantt chart on next page and CRF 1104).

One Warm NIR Calibration on 01 MAR 2023 (DoY 060) with ETO • 04:58:22z (orbit 70034; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

Β.Τ.	=	3.74°
R.M.S.	=	0.12
Sun elevation	=	9.79°
Moon elevation	=	28.96°
R.A.	=	63.95°
DEC.	=	-27.00°

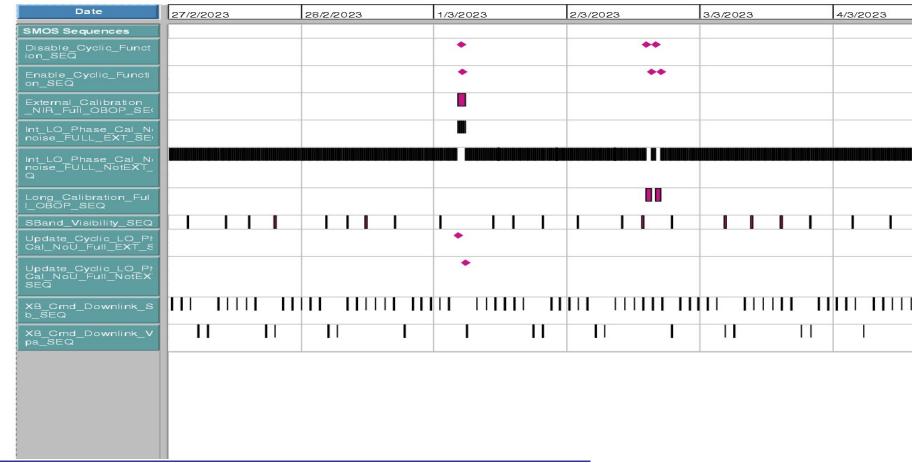
- Two LONG Calibrations on 02 MAR 2023 (DoY 061), which ٠ encompassed two ascending semi-orbital periods starting at 14:21:30z (orbit 70054) and 16:03:00z (orbit 70055).
- Local Oscillator Calibrations every 10 minutes.
- *X* band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.

SMOS	Operations Notes FOS Team @ ESAC	Topic: Date:	FOS Report for week 09, year 2023 from 27 FEB 2023 to 06 MAR 2023
	Reported by:	Issue:	1.0
	J. Fauste/J.M. Castro Cerón		

Schedule Name: 2023_w09_cr ### Display start: 27-02-2023 00:00:00.000 ### Display end: 06-03-2023 00:00:00.000



Operations Notes — FOS Team @ ESAC



Operations Notes FOS Team @ ESAC Reported by:

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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	2023.058.23.23.03	23E3BA0
RAM Single Bit Error	730	WARNING	2023.061.23.26.17	2050664

6 FOS Systems Status

All FOS systems nominal.

Data Reception from CNES 7

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.