1 General Comments

Activities scheduled for this week are those planned for the 15th calendar week of 2023:

10 APR 2023 to 17 APR 2023 (DoYs 100 to 107).

The following routine activities were planned this week (see Gantt chart on next page and CRF nº 1114).

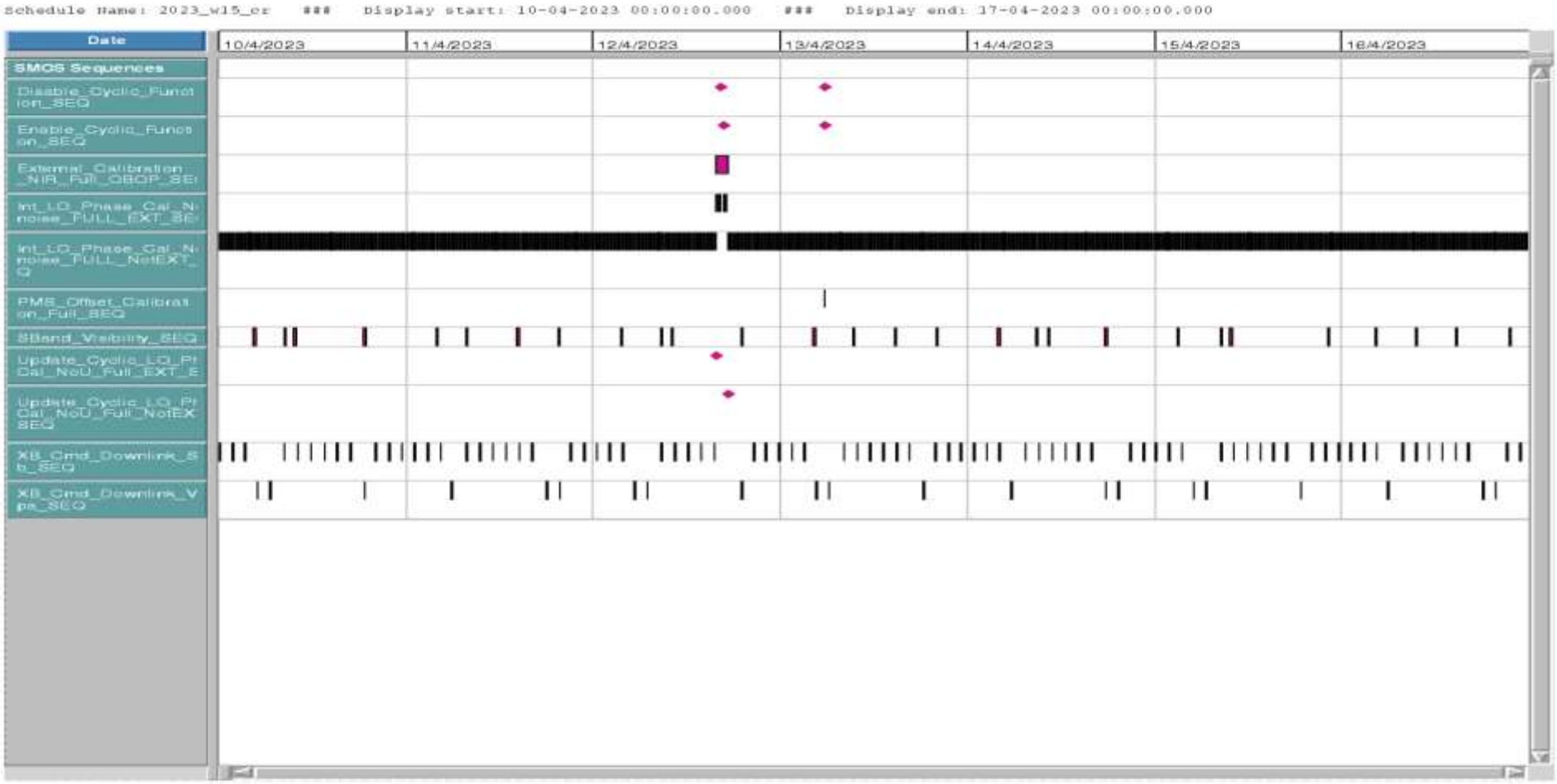
- One Warm NIR Calibration on 12 APR 2023 (DoY 102) with ETO 16:30:58z (orbit 70645; ASCENDING: thermally UNSTABLE) and with the following expected calibration values:

```
B.T.            =     4.47°
R.M.S.          =     2.08
Sun elevation   =    -0.21°
Moon elevation  =    59.42°
R.A.            =   301.41°
DEC.            =   -54.63°
```

- One PMS Offset on 13 APR 2023 (DoY 103), including three Short Calibrations at 05:40:00.0z, 05:40:34.8z, and 05:41:09.6z (orbit 70653).
- Local Oscillator Calibrations every 10 minutes.
- *X* band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.


Schedule Name: 2023_w15_cr ### Display start: 10-04-2023 00:00:00.000 ### Display end: 17-04-2023 00:00:00.000
Date
10/4/2023
11/4/2023
12/4/2023
13/4/2023
14/4/2023
15/4/2023
16/4/2023
SMOS Sequences
Disable_Cyclic_Funct ion_SEQ
Enable_Cyclic_Funct on_SEQ
External_Calibration _NIR_Full_OBOP_SE
Int_LO_Phase_Cal_N oise_FULL_EXT_SE
Int_LO_Phase_Cal_N oise_FULL_NotEXT_ Q
PMS_Offset_Calibrat on_Full_SEQ
SBand_Visibility_SEQ
Update_Cyclic_LO_Ph Cal_NoU_Full_EXT_S
Update_Cyclic_LO_Ph Cal_NoU_Full_NotEX SEQ
XB_Cmd_Downlink_S b_SEQ
XB_Cmd_Downlink_V pa_SEQ

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	2023.104.10.08.45,112	21C5770
RAM Single Bit Error	730	WARNING	2023.105.11.04.57,179	2123718

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.