

1 General Comments

Activities scheduled for this week are those planned for the 06th calendar week of 2020:

03 FEB 2020 to 10 FEB 2020 (DOYs 034 to 041).

The following routine activities were planned this week (see Gantt chart on next page and CRF 864).

• One Warm NIR Calibration on 05 FEB 2020 (DOY 036) with ETO 04:53:00z (orbit 53918; DESCENDING: thermally UNSTABLE) and with the following expected calibration values:

В.Т.	=	3.68°
R.M.S.	=	0.07
Sun elevation	=	9.80°
Moon elevation	=	35.02°
R.A.	=	41.81°
DEC.	=	-16.88°

- One PMS Offset on 06 FEB 2020 (DOY 037), including three Short Calibrations at 06:12:30.0z, 06:13:04.8z, and 06:13:39.6z (orbit 53933).
- 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 06, year 2020
	FOS Team @ ESAC	Date:	from 03 FEB 2020 to 10 FEB 2020
	Reported by:	Issue:	1.0
	J. Fauste/J.M. Castro Cerón		

Schedule Name: 2020_w06_cr ### Display start: 03-02-2020 00:00:00.000 ### Display end: 10-02-2020 00:00:00.000

Date	3/2/2020	4/2/2020	5/2/2020	6/2/2020	7/2/2020	8/2/2020	9/2/2020
SMOS Sequences							1
Disable_Cyclic_Funct ion_SEQ				•			
Enable_Cyclic_Functi on_SEQ			•				
External_Calibration _NIR_Full_OBOP_SEt							
Int_LO_Phase_Cal_Ni noise_FULL_EXT_SE			Ш				
Int_LO_Phase_Cal_Ni noise_FULL_NotEXT_ Q			an na 'n ann amh ngun ann an	n i den anderen den den den den den den den den den d	auni fra communitati anti anti anti anti a	n se	n an
PMS_Offset_Calibrati on_Full_SEQ				1			
SBand_Visibility_SEQ							
Update_Cyclic_LO_PI Cal_NoU_Full_EXT_S			•				
Update_Cyclic_LO_PI Cai_NoU_Full_NotEX SEQ			*				
XB_Cmd_Downlink_S b_SEQ	п пп п	n na n	пппп	ш шш п	<u>in um n</u>	н пн п	m num m
XB_Cmd_Downlink_V pa_SEQ	пп	11 1		11 1	п	LI LI	11 1



Topic: Date:

Issue:

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	WARN	2020-02-09T21:46:15	216F090
RAM single Bit Error	730	WARN	2020-02-06T20:53:37	23502AC
RAM single Bit Error	730	WARN	2020-02-06T12:14:27	217D3D8

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.

APPENDIX A: OOLs

No relevant out of limits were received this week.