



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 31, year 2017

from 31 JUL 2017 to 07 AUG 2017

1.0

1 General Comments

Activities scheduled for this week are those planned for the 31st calendar week of 2017:

31 JUL 2017 to 07 AUG 2017 (DOYs 212 to 219).

The following routine activities were planned this week (see Gantt chart on next page and CRF 675):

- One Warm NIR Calibration on 02 AUG 2017 (DOY 214) with ETO 07:52:02z (orbit 40725) and with the following expected calibration values:

B.T.	=	3.7591°
R.M.S.	=	0.2213
Sun Elevation	=	7.0045°
Moon elevation	=	28.5627°
R.A.	=	228.51°
DEC.	=	40.77°
- One PMS Offset on 03 AUG 2017 (DOY 215), including three Short Calibrations at 07:47:30.0z, 07:48:04.8z, and 07:48:39.6z (orbit 40739).
- Local Oscillator Calibrations every 10 minutes.
- X band Passes over ESAC and Svalbard.

2 Mission Planning Deviations

None.



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

FOS Report for week 31, year 2017

Date:

from 31 JUL 2017 to 07 AUG 2017

Issue:

1.0

Schedule Name: 2017_w31_cr ### Display start: 31-07-2017 00:00:00.000 ### Display end: 07-08-2017 00:00:00.000

Date	31/7/2017	1/8/2017	2/8/2017	3/8/2017	4/8/2017	5/8/2017	6/8/2017
SMOS Sequences							
Disable_Cyclic_Function_SEQ			◆	◆			
Enable_Cyclic_Function_SEQ			◆	◆			
External_Calibration_NIR_Full_OBOP_SEQ			█				
Int_LO_Phase_Cal_Noise_Full_EXT_SEQ			█				
Int_LO_Phase_Cal_Noise_Full_NoEXT_Q							
PMS_Offset_Calibration_Full_SEQ							
SBand_Visibility_SEQ							
Update_Cyclic_LO_Pt_Cal_NoU_Full_EXT_SEQ			◆				
Update_Cyclic_LO_Pt_Cal_NoU_Full_NotEXT_SEQ			◆				
XB_Cmd_Downlink_Sb_SEQ							
XB_Cmd_Downlink_Vpa_SEQ							



Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:

Date:

Issue:

FOS Report for week 31, year 2017

from 31 JUL 2017 to 07 AUG 2017

1.0

3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

None.

5 On Board Anomalies

None.

6 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	2017-08-04T20:10:05	223CDD4

7 FOS Systems Status

- New FlexPlan version 4.2 was installed on the 3 of August on SPGF-3 machine.

8 Data Reception from CNES

All S band passes were correctly received from CNES and successfully processed by the FOS PLPC system.

9 X Band Data Reception in PXMf

None, all S band passes successfully received and processed.

10 Exceptional Activities

None.

11 AOB

None.

APPENDIX A: OOLs

None.