Operations Notes

FOS Team @ ESAC

Reported by:

J. Fauste/J.M. Castro Cerón

Topic:
Date:
Issue:

FOS Report for week 39 year 2017
from 25 SEP 2017 to 02 OCT 2017
1.0

1   General Comments

Activities scheduled for this week are those planned for the 39th calendar week of 2017:

```
25 SEP 2017 to 02 OCT 2017 (DOYs 268 to 275).
```

The following routine activities were planned this week (see Gantt chart on next page and CRF 688):

- One Warm NIR Calibration on 27 SEP 2017 (DOY 270) with ETO 13:58:12z (orbit 41534) and with the following expected calibration values:

  ```
  B.T.            =    4.02°
  R.M.S.          =    0.83
  Sun Elevation   =    9.99°
  Moon elevation  = -14.02°
  R.A.            = 109.15°
  DEC.            = -55.41°
  ```

- One PMS Offset on 28 SEP 2017 (DOY 271), including three Short Calibrations at 08:07:30.0z, 08:08:04.8z, and 08:08:39.6z (orbit 41545).
- Local Oscillator Calibrations every 10 minutes.
- *X* band Passes over ESAC and Svalbard.

2   Mission Planning Deviations

None.

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Schedule Name: 2017_w39_cr   ###   Display start: 25-09-2017 00:00:00.000   ###   Display end: 02-10-2017 00:00:00.000

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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	2017-09-29T23:41:27	22435F4
RAM single Bit Error	730	WARN	2017-09-29T20:29:05	23A8B6C
RAM single Bit Error	730	WARN	2017-09-26T22:18:44	231C194

7 FOS Systems Status

All FOS systems nominal.

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.