	Operations Notes	Topic:	**FOS Report for week 49, year 2015**
	FOS Team @ ESAC	Date:	from 30 NOV 2015 to 07 DEC 2015
	Reported by:	Issue:	**1.0**
	J. Fauste/J.M. Castro Cerón		

1   General Comments

Activities scheduled for this week are those planned for the 49th calendar week of 2015:

30 NOV 2015 to 07 DEC 2015 (DoYs 334 to 341).

The following routine activities were planned this week (see Gantt chart on next page and CRF 540):

- One PMS Offset on 03 DEC 2015 (DoY 337), including three Short Calibrations at 17:54:30.0z, 17:55:04.8z, and 17:55:39.6z (orbit 31982).
- 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:
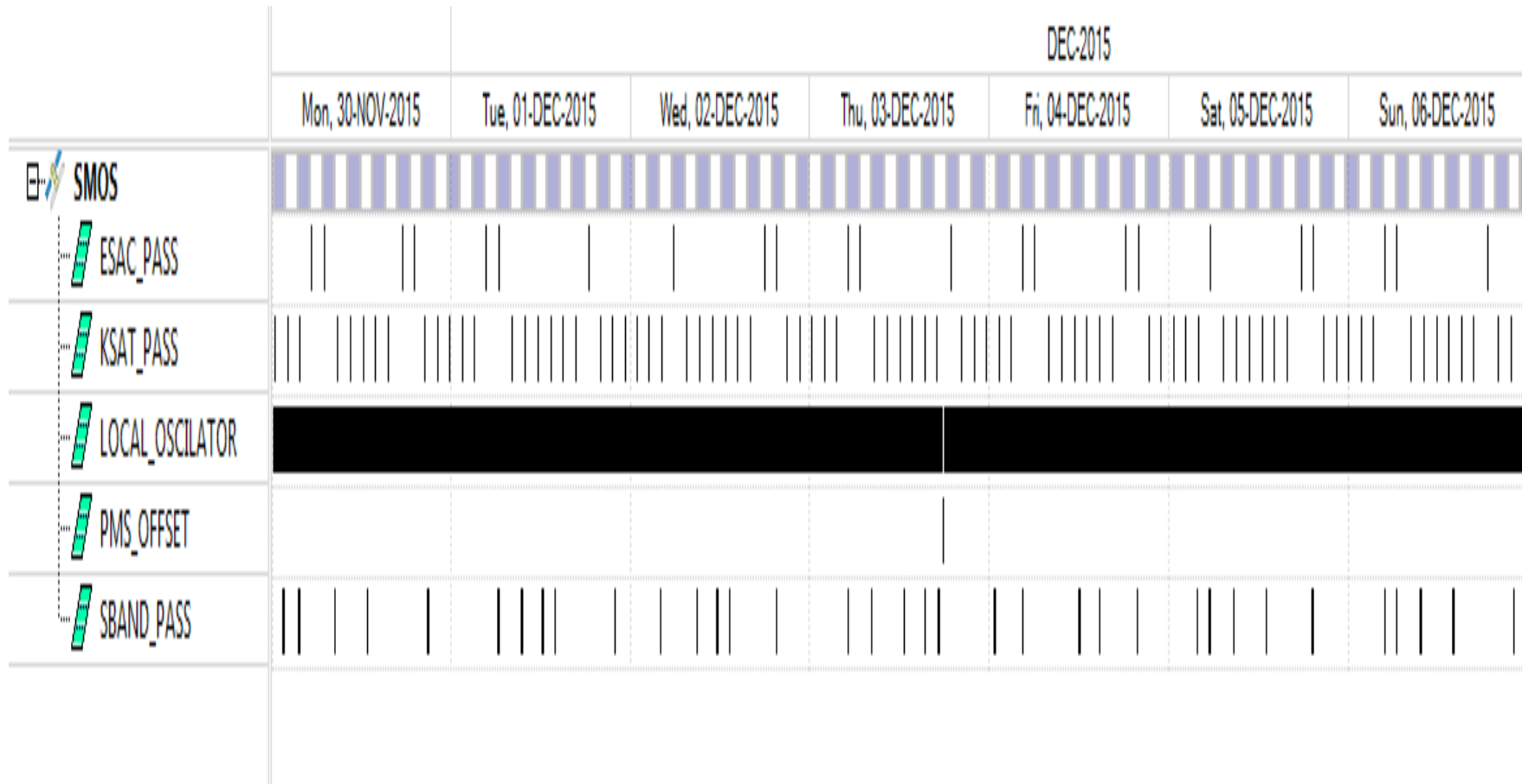
J. Fauste/J.M. Castro Cerón

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Operations Notes

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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

None.

7 FOS Systems Status

All FOS Systems nominal with the exception of:

- The PLPC TCO task crashed on 2015-12-03T05:57:22.774z (DoY 337; ERT) due to a CORBA System exception.

  The problem commenced during the reception/processing of GS pass AUS-4 (03 DEC 2015, DoY 337; AoS=05:05:25z, LoS=05:20:04z; ERT). The PLPC system started receiving/processing TM on 2015-12-03T05:35:08z (DoY 337; ERT). The first PUS TM packet had an OBT stamp of 2015-12-02T19:32:39z (DoY 336) and, as result of the above anomaly, all PUS TM packets with OBT stamps from 02.31.56.473z to 07:00:18z (03 DEC 2015, DoY 337) were incorrectly archived under Data Stream 4.

  The TCO task was manually restarted, followed by the execution of procedure FCP-GRD-040. PUS TM packets with OBT stamps from 2015-12-02T19:32:34z (DoY 336) to 2015-12-03T07:00:18z (DoY 337) were deleted from the PLPC system, and the following files reingested/reprocessed:

  > *SMOS_PLTM1_P_2015_12_03_05_07_41*
  > *SMOS_PLTM1_P_2015_12_03_05_09_53*
  > *SMOS_PLTM1_P_2015_12_03_05_12_05*

  The SMTA-MUST system was not impacted by the crash. Cronjobs were disabled to have TCO task restarted and procedure FCP-GRD-040 executed, then enabled to have the TM ingested into the SMTA-MUST system.

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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.

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APPENDIX A: OOLs

None.