Operations Notes	Topic:	**FOS Report for week 04**
FOS Team @ ESAC	Date:	from the 19/01/15 to the 26/01/15
Reported by: J. Fauste	Issue:	**1.0**

1   General Comments

The activities scheduled for this week are those planned for calendar week 04 of year 2015, from 19/01/2015 to 26/01/2015 (DOYs 019/2015 to 026/2015).

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

- X-band passes over ESAC and Svalbard.
- One PMS offset including three Short Calibrations on day 22/01/2015 (orbit 27449) at 17:19:39.000z, 17:20:13.800 and 17:20:48.600.
- Local oscillator calibration every 10 minutes.

2   Mission Planning Deviation

No deviations from the nominal planning happened during this week.

Operations Notes

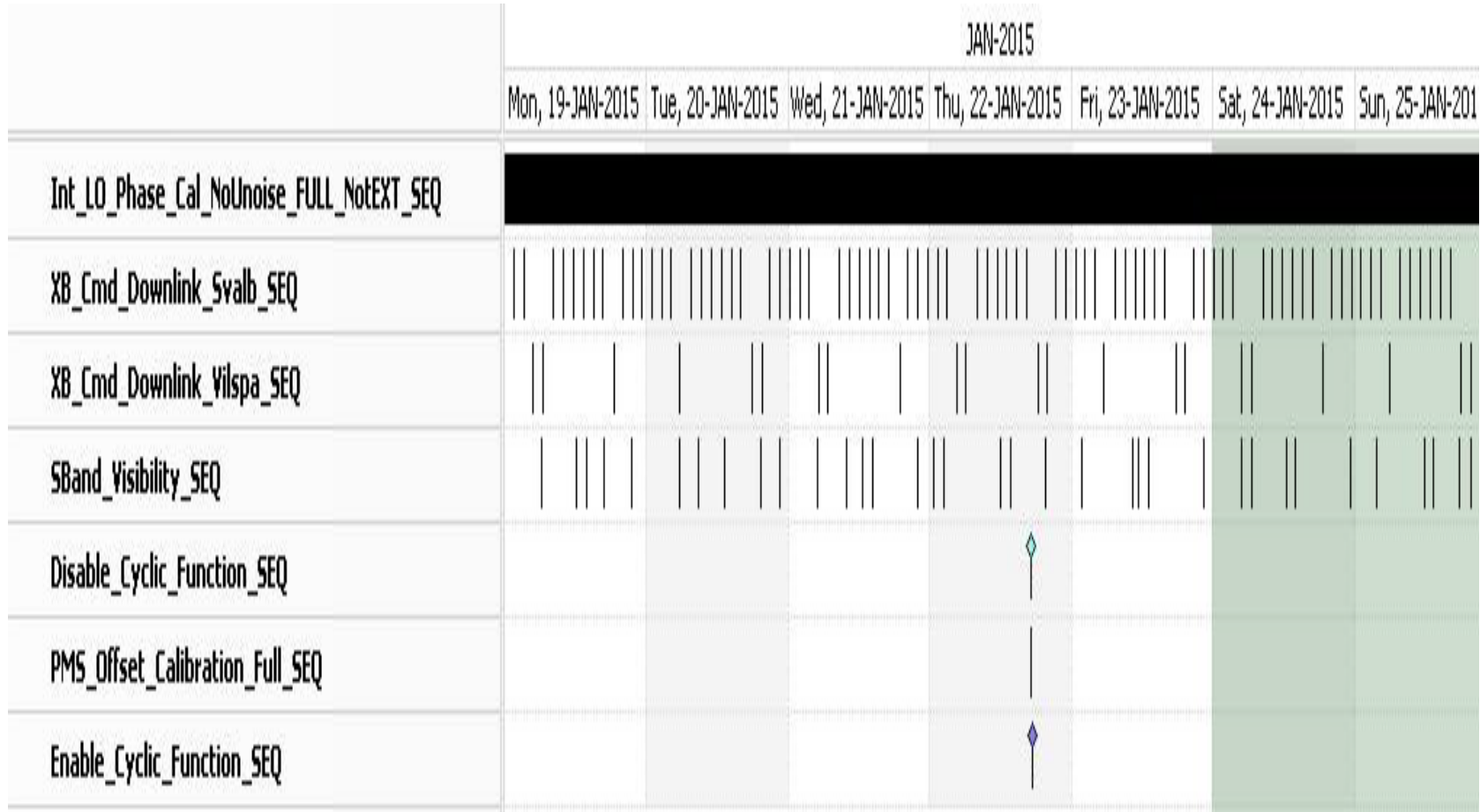*FOS Team @ ESAC*

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3   TC Failures

None.

4   Unforeseen Out of Limits (OOLs)

The list of out limits received during this week can be seen in Appendix-A.

5   On Board Anomalies

The following payload anomalies happened during this reporting period:

- A new CMN Unlock happened for CMN B3 unit on day 21/01/2015 at 23:43:04. Both parameters lock status and power output triggered an Out of limit alarm (see Appendix A)
  The geolocation of the event was:
  Longitude= 55.509705
  Latitude= 76.718002

6   Telemetry On Board Events in the period.

No RAM single bit errors happened during the present reporting period.

7   FOS System Status

All FOS systems behaved nominal during this period.

8   Data Reception from CNES

All SBand passes of the week were correctly received from CNES and successfully processed by the FOS PLPC system.

9   X-Band Data Reception in PXMF

Not used during the present period.

10 Exceptional Activities

- A Collision Avoidance Manoeuvre (CAM), was performed on 22/01/2015 to avoid a possible collision at 02:37z on that day. MIRAS onboard timeline was disabled and instrument science data flagged as "External data" during the whole duration of the manoeuvre, from 02:20:45z to 02:52:19z on day 21/01/2015

11 AOB

None.

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APPENDIX A: OOL's

The following Out of Limits were received at FOS PLPC system. Out of limits in parameter NTLHK022 was triggered because the onboard timeline was made disabled during the CAM.

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2015.021.02.20.45	Hard-High	NTLHK022	Disabled	Enabled	ITL Ena State
2015.021.23.42.59.457	Hard-High	SPM19162	NOT-OK	OK	B3 LO_Out_Power
2015.021.23.43.04.257	Hard-High	SPM19167	Unlock	Lock	B3 LO_Locking