



1 General Comments

The activities scheduled for this week are those planned for calendar week 12 of year 2015, from 16/03/2015 to 23/03/2015 (DOYs 075/2015 to 082/2015).

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 19/03/2015 (orbit 28255) at 17:36:00.000z, 17:36:34.800z and 17:37:09.600.
- 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

Reported by: J. Fauste

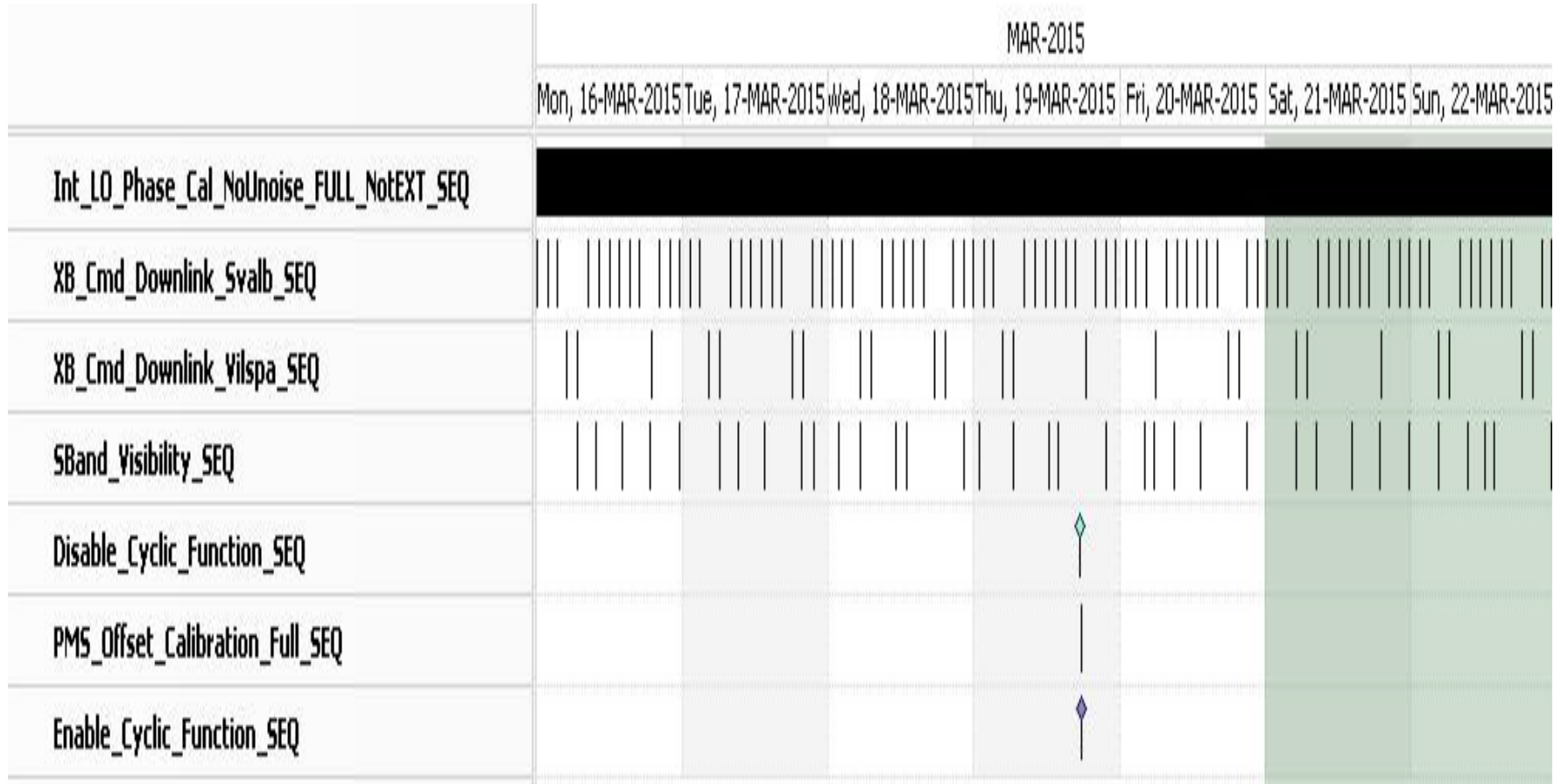
Topic:

Date:

Issue:

FOS Report for week 12
from the 16/03/15 to the 23/03/15

1.0





3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

The OOL received this week were related to the Mass Memory latch up that happened on partition P8 on 16/03/2015 (see Appendix-A for further details)

5 On Board Anomalies

The following payload anomalies happened during this reporting period:

- A new Mass Memory Latch up in partition P8 happened on day 16/03/2015 at 08:11:48z. The geolocation of the event was over the South Atlantic area with the following geographical coordinates:

Lon= 330.662053

Lat= -23.104254

The anomaly was recovered on day 16/03/2015 at 14:35z via CRF-483 that also recovered the latch up on partition P3 that previously happened on 14/03/2015

6 Telemetry On Board Events in the period.

The following RAM single bit errors happened during the present reporting period:

Event Description	Severity	Event Time	Parameters
RAM Single Bit Error	WARN	2015.076.00.02.13.942	20123CC
RAM Single Bit Error	WARN	2015.076.10.33.39.514	21BFFAB

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 FOS PLPC system except:

- Kourou pass 23 on day 20/03/2015 at 08:57z where only the E_HKTM data was received at ESAC but not the PUS Telemetry files. FOS contacted CNES by email and although no formal response was obtained by their operator on shift, the missing files for that pass appeared at the time of reception of the following pass KER-34 at 13:19z. No data gaps were detected on PLPC system due to this problem.



9 X-Band Data Reception in PXMF

Not used during the present reporting period.

10 Exceptional Activities

None.

11 AOB

None.



Operations Notes

FOS Team @ ESAC

Reported by: J. Fauste

Topic:

Date:

Issue:

FOS Report for week 12
from the 16/03/15 to the 23/03/15

1.0

APPENDIX A: OOL's

The following Out of Limit were received on FOS PLPC system.

OBT	Severity	TM Parameter	Alarm Value	Check Value	TM Description
2015.075.08.11.48.912	STATUS CHECK	DMASME04	OFF	ON	LU Switch P8
2015.075.08.11.48.912	STATUS CHECK	DMASME37	FALSE	TRUE	SDD LU Detected