



1 General Comments

The activities scheduled for this week are those planned for calendar week 19 of year 2014, from 05/05/2014 to 012/05/2014 (DOYs 125 to 132).

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 08/05/2014 (orbit 23722) at 16:55:30.000z, 16:56:04.800z and 16:56:39.600z
- Local oscillator calibration every 10 minutes.
- One NIR External calibration on 07/05/2014 with ETO at 19:20:32z with the following calibration values:
 - Brightness Temperature= 4.088631
 - RMS= 0.347898
 - Sun Elevation above MIRAS= -8.204920
 - RA= 353.343079
 - DEC= -76.512268

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



| | MAY-2014 | | | | | | |
|---|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Mon, 05-MAY-2014 | Tue, 06-MAY-2014 | Wed, 07-MAY-2014 | Thu, 08-MAY-2014 | Fri, 09-MAY-2014 | Sat, 10-MAY-2014 | Sun, 11-MAY-2014 |
| Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ | [Black bars indicating data] | | | | | | |
| XB_Cmd_Downlink_Svalb_SEQ | [Vertical tick marks] | | | | | | |
| SBand_Visibility_SEQ | [Vertical tick marks] | | | | | | |
| XB_Cmd_Downlink_Vilspa_SEQ | [Vertical tick marks] | | | | | | |
| Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ | | | ◆ | | | | |
| External_Calibration_NIR_Full_OBOP_SEQ | | | █ | | | | |
| Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ | | | █ | | | | |
| Disable_Cyclic_Function_SEQ | | | ◆ | ◆ | | | |
| Enable_Cyclic_Function_SEQ | | | ◆ | ◆ | | | |
| Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ | | | ◆ | | | | |
| PMS_Offset_Calibration_Full_SEQ | | | | | | | |



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

None.

6 Telemetry On Board Events in the period.

The following RAM Single bit errors were detected during the present reporting period.

| Event Description | Severity | Event Time | Parameters |
|----------------------|----------|-----------------------|------------|
| RAM Single Bit Error | WARN | 2014.125.12.19.34 | 2393BC8 |
| RAM Single Bit Error | WARN | 2014.126.08.10.34.737 | 20776EC |

7 FOS System Status

All FOS systems behave nominal during this period.

8 Data Reception from CNES

All SBand passes have been nominally acquired and processed by FOS.

9 X-Band Data Reception in PXMf

Not used during the present reporting period.

10 Exceptional Activities

None.

11 AOBs

None.



APPENDIX A: OOL's

No relevant Out of Limits happened this week.