



1 General Comments

The activities scheduled for this week are those planned for calendar week 26 of year 2015, from 22/06/2015 to 29/06/2015 (DOYs 173 to 180.)

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

- One External Calibration (NIR) with Inertial Pointing scheduled, ETO, on 2015-06-27T05:31:30z.
Brightness Temperature= 3.52
RMS= 0.14
Sun Elevation above MIRAS=7.05
RA=188.91
DEC=25.7
- One PMS offset including three Short Calibrations on day 2015-06-25 (orbit 29664) at 15:39:00.000z, 15:39:34.800z and 15:40:09:600.
- Two semi-orbit Long Calibrations over the Pacific Ocean, on 2015-06-27, starting at 14:25:00z and 16:05:00z.
- Local oscillator calibration every 10 minutes.
- X-Band Passes over ESAC and Svalbard.
- One Orbit Correction Manoeuvre, OCM, scheduled on day 23/06/2015 with a foreseen semi-major axis correction of 121.24m at 23:41:51z. The unavailability period for the instrument during this manoeuvre, external APID, was from 23:32:12z to 23:51:55z

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

Check Appendix A with the OOL

5 On Board Anomalies

- A new Mass Memory Latch up for partition P8 happened on 23/06/2015 at 09:03:25.244z. The geolocation of this event was over the South America with the following geographical coordinates:

Long= 314.697107

Lat=-3.899998

No impact on science data happened for this anomaly. The anomaly recovery took place on 24/06/2015 at 20:00z via CRF 503.

6 Telemetry On Board Events in the period.

The following RAM Single bit errors were received during this week:

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2015.176.21.23.20.652	22D1F50
RAM single Bit Error	WARN	2015.175.21.03.23.385	2057F08

7 FOS System Status

All FOS systems behaved nominal during this reporting period.

8 Data Reception from CNES

All SBand passes of the week were correctly received from CNES and successfully processed.

9 X-Band Data Reception in PXMF

Not used during this week.



Operations Notes

FOS Team @ ESAC

Reported by:

Topic:

Date:

Issue:

FOS Report for week 26
from the 22/06/15 to the 29/06/15

1.0

10 Exceptional Activities

Latch up recovery on 24/06/2015. Issue of CRF #503 to recover MM P8 latch up with suggested execution time 20:00UTC.

11 AOB

None.



APPENDIX A: OOL's

The following Out of limits were received during this week. The first OOL in parameter NTLHK022 was due to the OCM performed on 23/06/2015 indicating that the MIRAS ITL was disabled during the manoeuvre period.

GS_TIME	OBTIME	PARAMETER	DESCRIPTION
2015.175.05.45.04.061	2015.174.23.32.04.147	NTLHK022	ITL Ena State
2015.174.13.54.38.384	2015.174.09.03.25.244	DMASME04	LU Switch P8
2015.174.13.54.38.368	2015.174.09.03.25.244	DMASME37	SDD LU Detected