



1 General Comments

The activities scheduled for this week are those planned for calendar week 20 of year 2014, from 12/05/2014 to 19/05/2014 (DOYs 132 to 139).

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 15/05/2014 (orbit 23823) at 17:26:05.000z, 17:26:05.800z and 16:27:14.600z
- 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

Topic:

Date:

Issue:

FOS Report for week 20
from the 12/05/14 to the 19/05/14

1.0

	MAY-2014						
	Mon, 12-MAY-2014	Tue, 13-MAY-2014	Wed, 14-MAY-2014	Thu, 15-MAY-2014	Fri, 16-MAY-2014	Sat, 17-MAY-2014	Sun, 18-MAY-2014
XB_Cmd_Downlink_Svalb_SEQ							
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Black bar]						
SBand_Visibility_SEQ							
XB_Cmd_Downlink_Yilspa_SEQ							
Disable_Cyclic_Function_SEQ					◆		
PMS_Offset_Calibration_Full_SEQ					◆		
Enable_Cyclic_Function_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

- One CMN Unlock on antenna H1 on happened on 13/05/2014 at 07:52:55.379z. The instrument recovered in less than one Epoch and the event itself produced 10 minutes of degraded data.

The geocalization of the event was over the Artic with the following geographic coordinates:

LON=257.028699

LAT=81.296988

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	2014.133.10.04.15.165	226F5FC

7 FOS System Status

All FOS systems behaved nominally during this period.

The data recovery of the MUSTPC2 system, telemetry and calibration products is still on-going.

On 13/05/2014 the Web service of MUSTPC2 system was restarted since the system was not available for a short while.

8 Data Reception from CNES

All SBand passes have been nominally acquired and processed except on day 18/05/2014 at 19:37z where pass SKRN01-19 was not acquired by CNES. This failure produced a PLPC TM data gap on day 18/05/2014 from 18:17z to 19:40z. The data gap has been filled on the MUSTPC system using data from the X-Band telemetry.



On 18/05/2014 some Telemetry Files belonging to GS pass KER-36 at 11:52z, were delivered together with the Telemetry Files from KER 37 pass at 13:31z, causing a misleading in the SSC of the PLPC system. This problem has already been seen in the past and is related to change from prime to backup SBand acquisition systems on the KER station.

9 X-Band Data Reception in PXMF

Not used during the present reporting period.

10 Exceptional Activities

None.

11 AOBs

As part of the preparation for next Summer FTR campaign the predicted planning parameters from 15th of June to 15 of July has been delivered to the Calibration Team.



APPENDIX A: OOL's

OBT	Severity	TM parameter	Alarm value	Check value	Message
2014.133.09.43.02.858	ERROR	SPM11167	UNLOCK	LOCK	STATUS limit is out of nominal range
2014.133.09.43.02.859	ERROR	SPM11162	NON-OK	OK	STATUS limit is out of nominal range