



1 General Comments

The activities scheduled for this week are those planned for calendar week 36 of year 2013, from 02/09/2013 to 09/09/2013 (DOYs 245 to 252).

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, short calibration, on 05/09/2013 at 15:53:15
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

The following unforeseen Mission Planning deviations happened during the present report week:

- On day 06/09/2013 at 14:47:47z (DOY 249) a Mass Memory Latch up on P7 partition. At the time of the anomaly, MM write pointer was located on partition **P7** while read pointer was placed on **P6**. As consequence of that 43 minutes and 44 seconds of data of revolution 20195 were lost. The geolocation of the event was:

long=223.881442

lat=26.249451

The recovery of the latch-up took place on day 05/-9/2013 at 23:00z.

- On day 06/09/2013 at 20:26:56z, one CMN unlock on H3. The geolocation of the event was:

long=325.264477

lat= 13.251947

As consequence of that 10 minutes of degraded data were observed in revolution 20199.



	SEP-2013						
	Mon, 02-SEP-2013	Tue, 03-SEP-2013	Wed, 04-SEP-2013	Thu, 05-SEP-2013	Fri, 06-SEP-2013	Sat, 07-SEP-2013	Sun, 08-SEP-2013
Int_LO_Phase_Cal_NoNoise_FULL_NotEXT_SEQ	[Solid black bar]						
XB_Cmd_Downlink_Svalb_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
SBand_Visibility_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
XB_Cmd_Downlink_Vilspa_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
Disable_Cyclic_Function_SEQ				[Blue diamond]			
PMS_Offset_Calibration_Full_SEQ				[Vertical line]			
Enable_Cyclic_Function_SEQ				[Blue diamond]			



3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

No relevant Out of Limits happened during this reporting period. Further details can be found in Appendix-A of this document.

5 On Board Anomalies

As already mentioned in section 1 of this report the main onboard anomalies on this week were the MM latch up in partition P7 and the CMN unlock on H3 unit.

6 Telemetry On Board Events in the period.

The following RAM single bit errors were detected during this period:

Event Description	Severity	Event Time	Parameters
RAM Single Bit error	WARN	2013.245.13.04.37	2315DAC
RAM Single Bit error	WARN	2013.247.23.52.52	20379BC
RAM Single Bit error	WARN	2013.248.10.33.50	2238F98
RAM Single Bit error	WARN	2013.251.20.58.24	23FABEC

7 FOS System Status

PLPC Time Correlation task failed on day 05/09/2013 (DOY 248) from 19:12:39 to 20:28:08z. The following telemetry files from CNES were not ingested into PLPC system:

SMO_PLTM1_P_2013_09_05_02_41_16

SMO_PLTM1_P_2013_09_05_02_43_28

SMO_PLTM1_P_2013_09_05_02_45_40

Data stored under DS 4 was deleted during the affected period.

8 Data Reception from CNES

No problems.

9 X-Band Data Reception in PXMF

No events on board in the period were causing loss of sensed data.



10 Exceptional Activities

None.

11 AOB

None.



APPENDIX A: OOL's

Time	Severity	Parameter					
2013.245.01.51.04.343	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.01.51.04.349	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.08.40.28.763	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.08.40.28.766	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.19.01.933	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.19.01.938	WARNING	NMASME20	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.19.07.290	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.19.07.294	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.20.18.426	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.245.10.20.18.430	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.00.01.34.767	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.00.01.34.768	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.00.05.35.177	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.00.05.35.178	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.09.42.41.037	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.09.42.41.040	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.09.46.43.065	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.09.46.43.066	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.14.11.22.716	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.14.11.22.718	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.246.21.54.09.331	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range



2013.246.21.54.09.333	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.247.04.16.49.060	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.247.04.16.49.060	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.247.10.45.01.765	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.247.10.45.01.767	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.248.12.53.21.901	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.248.12.53.21.916	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.248.20.55.29.595	WARNING	NMASME08	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.248.20.55.29.604	WARNING	NMASME15	VAL:	1	LOW	:0	HIGH :0 SOFT limit is out of nominal range
2013.248.20.57.23.216	ERROR	DMASME37	VAL:	F			STATE: True STATUS limit is out of nominal range
2013.248.20.57.23.219	ERROR	DMASME05	VAL:	O			STATE: ON STATUS limit is out of nominal range