



1 General Comments

The activities scheduled for this week are those planned for the CW24.

	JUN-2013					
	Mon, 10-JUN-2013	Tue, 11-JUN-2013	Wed, 12-JUN-2013	Thu, 13-JUN-2013	Fri, 14-JUN-2013	Sat, 15-JUN-2013
Int_IO_Phase_Cal_NoNoise_FULL_NotEXT_SEQ	[Solid black bar]					
XB_Cmd_Downlink_Svalb_SEQ	[Vertical bars]					
SBand_Visibility_SEQ	[Vertical bars]					
XB_Cmd_Downlink_Vilspa_SEQ	[Vertical bars]					
Disable_Cyclic_Function_SEQ				↑		
PMS_Offset_Calibration_Full_SEQ				↑		
Enable_Cyclic_Function_SEQ				↑		

This week is scheduled.

- PMS Offset Calibration scheduled on 13/06/2013
- X-Band Passes over ESAC and Svalbard.

2 Mission Planning Deviation

None

3 TC Failures

None.

4 Unforeseen Out Of Limits (OOLs)

See appendix A for a complete list of OOL's in the period.



5 On Board Anomalies

A collision risk between SMOS and debris Iridium33 was raised by JsPOC few days ago with confirmation on 13/06/2013. The TCA is for 13th of June @ 11h23 UT.

The probability of collision was $2.3 \cdot 10^{-3}$ (radial separation ~ -55 m).

The total miss distance is 62m

1 manoeuvre to mitigate the risk is needed. This manoeuvre is combined with station keeping manoeuvre planned for next week and is scheduled as follow:

- nominal : Da=+135m @ 10:32 UT the 13/06 at latest
- back-up : Da=+135m @ 07:12 UT the 13/06 at latest

Taking into account the timing, and the advice of the CNES collision team, the nominal manoeuvre was uploaded on:

KER @14:06UT 12/06 to mitigate the risk.

The P/L will be set in safe configuration during the manoeuvre for less than 20 min:

From the 13/06@ 10:24:21UT to the 13/06@ 10:43:27UT

6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	Warn	2013.161.19.35.58.724	214C0DC
RAM single Bit Error	Warn	2013.163.10.51.40.849	222C5A8

7 FOS System Status

On 11/06/2013 TCO Server hang at 20:30:05z Telemetry packets lost their correlation time and all the TM packets received from that point to the following morning were not properly time-stamped on ground. Re-ingestion and correct TM archiving was performed in the morning of the 11/062013.



On 15/06/2013: Eonet/Interoute planned intervention, CNES is affected for this change. INTERROUTE PLANNED WORK REFERENCE NUMBER: 1-617233881

PLANNED WORKS DESCRIPTION AND LOCATION:

As part of our commitment to continually improve the level of service you receive from INTERROUTE, we are undertaking a Major Projects. This will be performed between 15/06/2013 21:00 UTC and 16/06/2013 03:00 UTC to improve the resiliency, performance and stability of our network. These works will be impacting your service(s) as per the table below. These works will be performed in Italy.

On 14/06/2013 Registered Microsoft Office

8 X-Band Data Reception in PXMF

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

9 Exceptional Activities

- None

10 AOB

None.



APPENDIX A: OOL's

Event Logger printout from time: 2013.161.00.00.00.000 to time: 2013.168.00.00.00.000

Current printout time: 2013.147.00.00.00.000

Filter info:

Application : BEHVlimitChecker
Workstation : All
Packets type : All
Packets severity : WARNING, INFORMATION (excluded)
Message filter :

Event time	Stream	Application	Workstation	Severity	Type	Message
2013.161.05.00.52.841	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.21.05.17.879 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.00.52.843	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.21.05.17.879 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.01.42.461	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.21.33.43.089 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.01.42.463	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.21.33.43.089 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.02.53.446	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.14.21.500 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.02.53.448	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.14.21.500 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.03.43.101	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.42.46.723 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.03.43.105	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.42.46.723 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.04.09.923	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.58.10.721 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.04.09.928	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.22.58.10.721 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.04.54.069	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.23.23.26.336 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.04.54.073	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.23.23.26.336 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.05.48.454	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.23.54.20.348 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.05.48.456	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.160.23.54.20.348 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.06.59.832	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.00.34.59.990 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.06.59.837	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.00.34.59.990 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.07.48.996	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.03.24.013 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.07.48.998	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.03.24.013 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.08.31.095	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.27.32.416 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.08.31.096	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.27.32.416 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.09.00.051	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.44.03.622 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.09.00.054	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.01.44.03.622 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.09.49.656	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.02.12.28.846 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.09.49.657	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.02.12.28.846 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.11.00.567	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.02.53.07.266 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.11.00.572	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.02.53.07.266 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.11.33.081	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.03.05.44.470 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.11.33.086	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.03.05.44.470 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.12.02.728	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.03.22.40.877 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.12.02.731	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.03.22.40.877 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.13.13.789	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.03.19.313 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.13.13.795	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.03.19.313 NMASME20 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.14.03.251	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.31.44.503 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.05.14.03.253	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.31.44.503 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.09.49.15.913	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.38.02.528 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.09.49.15.916	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.04.38.02.528 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.161.09.50.19.262	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2013.161.05.14.18.136 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range



Operations Notes

FOS Team @ ESAC

Topic:

FOS Report for week 24
from the 10/06/13 to the 17/06/13

Date:

Issue:

1.0

2013.167.19.55.57.572	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.18.09.23.466	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.167.19.55.57.575	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.18.09.23.466	NMASME13	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.167.19.57.08.532	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.18.50.03.083	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.167.19.57.08.535	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.18.50.03.083	NMASME20	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.167.19.57.58.063	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.19.18.27.119	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2013.167.19.57.58.067	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2013.167.19.18.27.119	NMASME13	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range