



### 1 General Comments

The activities scheduled for this week are those planned for the CW40.

	OCT-2012						
	Mon, 01-OCT-2012	Tue, 02-OCT-2012	Wed, 03-OCT-2012	Thu, 04-OCT-2012	Fri, 05-OCT-2012	Sat, 06-OCT-2012	Sun, 07-OCT-2012
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
SBand_Visibility_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
XB_Cmd_Downlink_Svalb_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]
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ			[Green bar]				
External_Calibration_NIR_Full_OBOP_SEQ			[Green bar]				
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ			[Black bar]				
Disable_Cyclic_Function_SEQ			[Green bar]				
Enable_Cyclic_Function_SEQ			[Green bar]				
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ			[Green bar]				
Short_Calibration_Full_OBOP_SEQ				[Vertical bar]			

This week contained the One External Calibration (NIR) with Inertial Pointing on the 03/10/2012 in the afternoon and X\_Band passes over ESAC and Svalbard.

### 2 Mission Planning Deviation

Due a CCU reset on 06/10/2012 at 21:46z the X\_Band passes over Svalbard the onboard programming were cancelled, autodownlink was enabled until the end of the week and instrument LO calibration was set every 6 minutes from 21:46z 06/10/2012 to 11:44z 07/10/2012.

### 3 TC Failures

None.

### 4 Unforseen Out Of Limits (OOLs)

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



3 new RAM single Bit Errors.

## 5 On Board Anomalies

An autonomous CCU Reset took place on 06/10/2012 at 21:46z in this period.

## 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters

## 7 FOS System Status

Testing of the PLPCEXT backup machine finalised with CNES and internal DPGS entities.

## 8 Data Reception from CNES

On the 05/10/2012, duplicated TM received from KER-5 @ 04:00 UTC due to a software upgrade in this Ground Station.

No missing passes in the period.

## 9 X-Band Data Reception in PXMF

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

## 10 Exceptional Activities



CCU Reset 06/10/2012 @ 21:46:00 UTC

- Recovery of CCU Reset (execution of **PRO-CRP-100**) on the 07/10/2012 @ 11:44 UTC.

## **11 AOB**

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2012.275.00.00.00.000 to time: 2012.282.00.00.00.000

Current printout time: 2012.282.15.25.50.851

Filter info:

Application : BEHVlimitChecker  
Workstation : All  
Packets type : All  
Packets severity : All  
Message filter : out

Event time	Stream	Application	Workstation	Severity	Type	Message
2012.275.01.23.32.006	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.274.23.22.15.054 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.01.23.32.009	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.274.23.22.15.054 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.01.25.32.605	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.00.31.18.697 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.01.25.32.607	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.00.31.18.697 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.09.59.15.629	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.01.40.22.331 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.09.59.15.631	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.01.40.22.331 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.01.16.161	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.02.49.27.184 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.01.16.163	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.02.49.27.184 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.03.16.745	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.03.58.30.805 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.03.16.747	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.03.58.30.805 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.05.21.963	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.05.10.04.459 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.05.21.965	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.05.10.04.459 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.07.22.461	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.06.19.08.102 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.07.22.466	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.06.19.08.102 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.09.23.054	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.07.28.12.926 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.09.23.056	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.07.28.12.926 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.11.36.172	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.08.38.24.981 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.10.11.36.174	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.08.38.24.981 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.40.12.007	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.09.47.29.814 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.40.12.009	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.09.47.29.814 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.42.12.651	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.10.56.33.445 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.42.12.653	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.10.56.33.445 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.44.13.106	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.12.05.37.084 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.12.44.13.108	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.12.05.37.084 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.44.05.097	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.13.14.41.924 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.44.05.100	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.13.14.41.924 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.44.22.035	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.13.24.22.727 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.44.22.036	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.13.24.22.727 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.46.05.752	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.14.23.45.562 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.46.05.753	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.14.23.45.562 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.47.14.339	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.15.03.04.800 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.15.47.14.341	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.15.03.04.800 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.17.08.58.993	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.15.32.50.404 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.17.08.58.995	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.15.32.50.404 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.17.10.59.250	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.16.41.44.445 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.17.10.59.251	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.16.41.44.445 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.275.17.11.01.418	1	BEHVlimitChecker	plpcprn	WARNING	LOG	2012.275.16.42.58.846 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range





2012.276.22.07.16.523	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.19.33.18.957	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.276.22.08.55.014	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.20.29.36.974	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.276.22.08.55.016	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.20.29.36.974	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.276.22.57.52.721	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.21.38.40.633	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.276.22.57.52.724	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.21.38.40.633	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.28.57.406	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.22.47.45.476	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.28.57.409	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.22.47.45.476	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.30.57.925	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.23.56.49.108	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.30.57.926	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.276.23.56.49.108	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.32.58.437	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.01.05.53.941	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.32.58.439	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.01.05.53.941	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.35.00.453	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.02.15.34.771	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.35.00.457	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.02.15.34.771	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.37.00.989	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.03.24.39.623	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.37.00.996	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.03.24.39.623	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.39.03.239	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.04.34.39.667	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.05.39.03.242	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.04.34.39.667	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.07.06.32.377	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.05.43.44.505	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.07.06.32.380	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.05.43.44.505	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.08.37.11.169	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.06.52.48.131	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.08.37.11.169	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.06.52.48.131	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.08.39.11.712	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.08.01.51.784	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.08.39.11.714	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.08.01.51.784	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.10.18.30.183	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.09.13.20.632	NMASME08	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range
2012.277.10.18.30.184	1	BEHVlimitChecker	plpcprn	WARNING	LOG 2012.277.09.13.20.632	NMASME15	VAL: 1	LOW :0	HIGH :0	SOFT limit is out of nominal range