



1 General Comments

The activities scheduled for this week are those planned for the CW52 and CW01.

	Wed, 02-JAN-2013	Thu, 03-JAN-2013	Fri, 04-JAN-2013	Sat, 05-JAN-2013	Sun, 06-JAN-2013
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]				
XB_Cmd_Downlink_Svalb_SEQ	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]	[Vertical bars]
SBand_Visibility_SEQ	[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]
Short_Calibration_Full_OBOP_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Proteus_Manoevre_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
External_Calibration_NIR_Full_OBOP_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Disable_Cyclic_Function_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Enable_Cyclic_Function_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ	[Light grey bar]	[Light grey bar]	[Light grey bar]	[Light green bar]	[Light green bar]

These weeks were scheduled.

- One External Calibration (NIR) with Inertial Pointing scheduled on 06/01 (ETO = 16:48 UTC)
- X-Band Passes over ESAC.
- One Proteus Manoeuvre on 03/01/2013 executed at 22:06z. OCM on 03/01/2013 executed at 22:06z,



2 Mission Planning Deviation

A CCU reset took place on 01/01/13 at 13:44:08z, at the end of an SVAL pass. The instrument was configured in autodownlink mode, so only passes over ESAC took place.

The instrument was reprogrammed and the nominal X-Band dumps were resumed as of 14:47z on 02/01/2013.

3 TC Failures

None.

4 Unforseen Out Of Limits (OOLs)

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

5 On Board Anomalies

A CCU reset at 01/01/2013 at 13:44z. Instrument recovered at 14:47z on 02/01/2013

A Mass Memory Latch up on P6 on 04/01/2013



Upload of PRO CRP 800 to recover the MM latch-up on partition 6 on Friday (08/01/12) at 13:30:00 UTC.

A CMN unlock on H1 at 21:59:49 on 05/01/2013.

The triggers have been Locking and LO_out_Power flags triggering.

The geolocation of this event is:

Lat 33.19 deg

Long 295.974676 deg

Event located in SAA

6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	Warn	2012.360.23.40.10.088	23F3DA4
RAM single Bit Error	Warn	2012.364.05.49.34.265	20134D4



RAM single Bit Error	Warn	2012.364.22.25.40.003	21238D0
RAM single Bit Error	Warn	2013.001.13.44.09.199	21238D0
MM_Error_Counters_Acquisition_Failure	ALARM	2013.002.00.02.21.670	Link Problem

7 FOS System Status

None

8 Data Reception from CNES

Missing Telemetry for the station SKRN01 at 19:11z on 26/12/2012.

Detected an anomalie with the station KER at 11:32UT and 13:10UTC on 31/12/2012 . The TM was lost.

9 X-Band Data Reception in PXMF

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



10 Exceptional Activities

- MM Latchup on P6 on 04/01/13 with no data loss. Partition was recovered (timed-tagged execution of PRO-CRP-800) on the 08/01 at 13:30 UTC
- CCU Reset at the end of an Svalb pass on 01/01/13, at 13:44:08z UTC. Recovery on 02/01/13 at 14:47 UTC.

11 AOB

None.

APPENDIX A: OOL's

Event Logger printout from time: 2012.344.09.31.07.940 to time: 2013.003.10.54.11.241
Current printout time: 2013.003.10.54.48.934

Filter info:

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

```

Event time	Stream	Application	Workstation	Severity	Type	Message
2012.359.05.39.33.090	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.359.00.21.08.344 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.359.05.39.33.092	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.359.00.21.08.344 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.359.05.39.54.004	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2012.359.00.33.05.964 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range



Operations Notes

FOS Team @ ESAC

Topic:

Date:

Issue:

FOS Report for week 52
from the 24/12/12 to the 06/01/13

1.0

2013.002.00.02.22.710	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPC02106 VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test
STATUS limit is out of nominal range					
2013.002.00.02.22.714	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRABST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.00.02.22.714	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRBCST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.00.02.22.715	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRCAST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.00.02.22.701	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM22167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.702	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM21167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.703	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM20167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.703	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM19167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.704	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM18167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.705	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM17167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.705	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM16167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.706	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM15167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.707	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM14167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.707	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM13167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.708	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM12172 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.709	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.002.00.02.22.710	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 SPC02106 VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test
STATUS limit is out of nominal range					
2013.002.00.02.22.714	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRABST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.00.02.22.714	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRBCST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.00.02.22.715	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.001.13.44.08.699 XNIRCAST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.002.09.33.02.001	1	BEHVlimitChecker	plpcprnm	ERROR	SYSTEMLost connection to TCO Server
2013.002.12.33.07.174	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.002.11.55.43.053 NTLHK022 VAL: Disabled STATE: Enabled STATUS limit is out of nominal
range					
2013.002.16.13.49.466	1	BEHVlimitChecker	plpcprnm	ERROR	SYSTEMCan't obtain a reference to TCO Server. Next TCO function invocation will retry connection
2013.004.01.47.44.279	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.003.22.06.02.198 NTLHK022 VAL: Disabled STATE: Enabled STATUS limit is out of nominal
range					
2013.004.01.49.21.858	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.003.23.01.47.829 DMASME37 VAL: False STATE: True STATUS limit is out of nominal range
2013.004.01.49.21.860	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.003.23.01.47.829 DMASME06 VAL: OFF STATE: ON STATUS limit is out of nominal range
2013.005.13.44.10.863	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.005.09.25.20.182 SPM11162 VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.005.13.44.11.064	1	BEHVlimitChecker	plpcprnm	ERROR	LOG 2013.005.09.25.27.382 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range