

### **1** General Comments

The activities scheduled for this week are those planned for the CW09.

Topic:

Date:

Issue:

Int_L0_Phase_Cal_Notions_FULL_NOEXT_SEQ   III III IIII IIIII IIIII IIIII IIIII IIII		Mon, 27-FEB-2012	FEB-2012 Tue, 28-FEB-2012	Wed, 29-FEB-2012	Thu, 01-MAR-2012	Fri, 02-MAR-2012	Set, 03-MAR-2012	MAR-2012 Sun, 04-MAR-2012
Silond_Wisbility_SEQ   IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ							
X8_Cmd_Downlink_Vilspa_SEQ	XB_Cmd_Downlink_Svalb_SEQ				111 111111 11			111 111111
Update_Cyclic_10_Ph_Cal_NoU_Full_EXT_SEQ	SBand_Visibility_SEQ		11 11		$I \mid I \mid$	I I II I		
Update_fycit_0_Ph_Cal_MoU_Full_NotEXT_SEQ I   Disable_fycit_C_0_Ph_Cal_MoU_Full_NotEXT_SEQ I	XB_Cmd_Downlink_Vilspa_SEQ		11 I	1 11			1 II	11 1
Int_L0_Phase_Cal_NoUnoise_FULL_IXT_SEQ     I       Disable_Cyclic_Function_SEQ	Update_Cyclic_L0_Ph_Cal_NoU_Full_EXT_SEQ			Ŷ				
Disable_Cyclic_Function_SEQ	External_Calibration_NIR_Full_OBOP_SEQ							
Unable_Lyclic_Function_SEQ I   Enable_Lyclic_Function_SEQ I   Update_Lyclic_I0_Ph_Cal_NoU_Full_NotEXT_SEQ I	Int_L0_Phase_Cal_NoUnoise_FULL_EXT_SEQ							
Update_fyclic_10_Ph_fal_NoU_Full_NotEXT_SEQ	Disable_Cyclic_Function_SEQ			Ť				
uboare_tytue_tu_ya_ta_yaa_yaa_yaa	Enable_Cyclic_Function_SEQ			1				
Short. Calibration, Jull. 000P. 55Q   Image: Calibration of the content of the con	Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ			Î				
	Short_Calibration_Full_OBOP_SEQ							

This week contained a **NIR** External Calibration on the 29/02/2012 with **ETO** at **15:51:32 UTC** + **PMS Offset Calibration** on the 01/03/2012 in the afternoon, and also X\_Band passes over ESAC and Svalbard.

#### 2 Mission Planning Deviation

None.

## 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

One MM Latch-Up on **Partition 0** on the 29/02 at 12:01:34 UTC with no data loss.

One MM Latch-Up on **Partition 10** on the 03/03 at 16:01:24 UTC with no data loss.

No CMN\_Unlocks nor autonomous CCU resets in the period.

#### 6 Telemetry On Board Events in the period.

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	WARN	2012.060.20.44.06.093	21CB164
RAM single Bit Error	WARN	2012.062.00.31.38.226	230ADE4
RAM single Bit Error	WARN	2012.063.22.24.56.569	2191B64
RAM single Bit Error	WARN	2012.064.09.35.26.944	2096BD4
RAM single Bit Error	WARN	2012.064.21.16.02.137	20A42B0

## 7 FOS System Status

None.

#### 8 Data Reception from CNES

On the 03/03/2012, there was an anomaly with the Ground Station KRU at 10:23 UTC that caused S\_Band TM loss from the on-board generation time **2012.063.03.58.59.052** to **2012.063.10.26.43.676**.



#### 9 X-Band Data Reception in PXMF

There was a TM gap in X\_Band (from 13:12:39 to 13:17:42 UTC on the 02/03/2012) that corresponds to the duration of the X\_Band dump.

When the latched-up partition of the MM is **PO** always there will be loss of data attached to the recovery through execution of PRO-CRP-800. The minimum loss is the duration of the closest X\_Band dump to the execution of the recovery.

## **10 Exceptional Activities**

Upload of ASW 2.8.5 into Bank-0 of the EEPROM on the 01/03/2012

Recovery of MM **Partition 0** Latch-Up on the 02/03/2012 @ 13:17:30 UTC.

#### **11 AOB**

None.



Topic: Date: Issue:

#### FOS Report for week 09 from the 27/02/12 to the 05/03/12 1.0

#### **APPENDIX A: OOL's**

Event Logger printout from time: 2012.058.00.00.00.000 to time: 2012.065.00.00.00.000 Current printout time: 2012.066.08.32.23.911

Filter info:

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

Event time	Stream	n Application Workst	ation Severity	Type	Message
2012.059.13.05.06.341	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.059.11.47.46.464 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.059.13.05.06.343	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.059.11.47.46.464 NMASME19 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.060.00.04.12.407	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.059.22.48.06.048 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.060.00.04.12.410	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.059.22.48.06.048 NMASME13 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.060.13.49.23.428	1	BEHVlimitChecker	plpcprm	ERROR	LOG 2012.060.12.01.34.099 DMASME37 VAL: False STATE: True STATUS limit is out of nominal range
2012.060.13.49.23.430	1	BEHVlimitChecker	plpcprm	ERROR	LOG 2012.060.12.01.34.099 DMASME12 VAL: OFF STATE: ON STATUS limit is out of nominal range
2012.062.14.12.06.690	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.17.41.756 NMASME09 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.08.809	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.18.45.357 NMASME08 VAL: 71 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.08.810	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.18.45.357 NMASME09 VAL: 187 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.08.811	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.18.45.357 NMASME10 VAL: 71 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.14.180	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.21.46.558 NMASME08 VAL: 76 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.14.185	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.21.46.558 NMASME10 VAL: 76 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.062.14.12.17.915	1	BEHVlimitChecker	plpcprm	WARNING	LOG 2012.062.13.23.56.158 NMASME09 VAL: 49 LOW :0 HIGH :0 SOFT limit is out of nominal range
2012.063.19.42.44.449	1	BEHVlimitChecker	plpcprm	ERROR	LOG 2012.063.16.01.24.654 DMASME37 VAL: False STATE: True STATUS limit is out of nominal range
2012.063.19.42.44.461	1	BEHVlimitChecker	plpcprm	ERROR	LOG 2012.063.16.01.24.654 DMASME02 VAL: OFF STATE: ON STATUS limit is out of nominal range