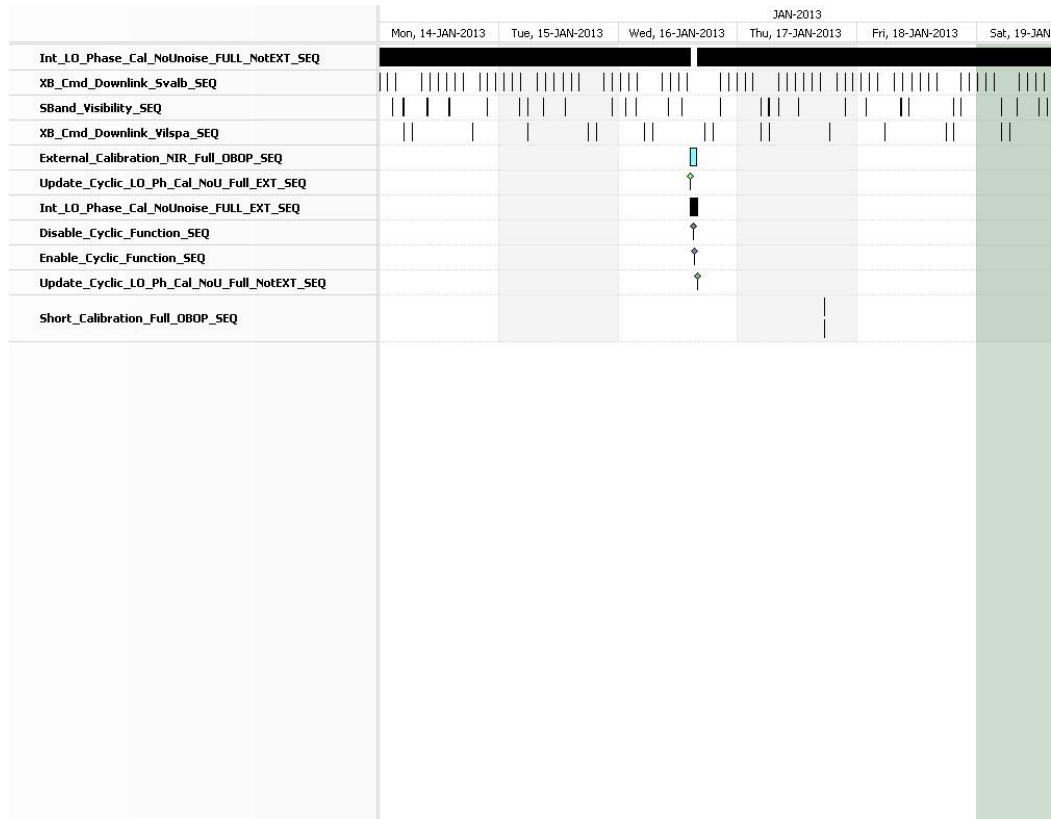




# 1 General Comments

The activities scheduled for this week are those planned for the CW03.



This week is scheduled.

- One External Calibration (NIR) with Inertial Pointing scheduled on 16/01 (ETO = 15:06:00 UTC)
- X-Band Passes over ESAC and Svalbard.

# 2 Mission Planning Deviation

Due a CCU reset on 19/01/2013 at 15:22z 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 19/01/2013 at 15:22z to 11:55z 20/01/2013.



### 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

One DB Bit Error on P8 on 24/10/12 at 17:56:32z

One CCU reset on 19/01/2013 at 15:22z

MM LatchUp on P1 Recovery on 14/01/2013 at 14:06z.

PMS Offset Calibration on 17/01/2013 at 17:29z

In the planning of W3, the command left in the stack, by mistake, was not the last one but the intermediate one, and subsequently, the LO was restarted also coincidentally with the last Short Calibration. The related events took place on the 17/01/13 at 17:29:24z. The affected data in calibration goes from that point to 17:39:29, when the instrument mode was set back to Full Pol.

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

Event Description	Severity	Event Time	Parameters
CMN_Transaction_Failure	ALARM	2013.017.17.29.23.166	LINK PROBLEM
CMN_Transaction_Failure	ALARM	2013.017.17.29.23.186	LINK PROBLEM
Triggered_Task_Overrun	ERROR	2013.017.17.29.23.186	SLOT TIMER
CMN_Transaction_Failure	ALARM	2013.017.17.29.24.356	LINK PROBLEM
CMN_Transaction_Failure	ALARM	2013.017.17.29.24.376	LINK PROBLEM
Triggered_Task_Overrun	ERROR	2013.017.17.29.24.386	SLOT TIMER
Calibration_Mode_Transition_Failure	ERROR	2013.017.17.29.24.426	
MM_Error_Counters_Acquisition_Failure	ALARM	2013.019.15.22.29.690	LINK PROBLEM
MM_Scrub_Frequency_Acquisition_Failure	ALARM	2013.019.15.22.29.710	LINK



			PROBLEM
MM_Address_Acquistion_Failure	ALARM	2013.019.15.22.29.750	LINK PROBLEM
MM_Science_Write_Failure	ALARM	2013.019.15.22.29.800	LINK PROBLEM
MM_Science_Write_Failure	ALARM	2013.019.15.22.29.900	LINK PROBLEM
MM_Science_Write_Failure	ALARM	2013.019.15.22.30.000	LINK PROBLEM
RAM single Bit Error	WARN	2013.019.15.23.04.125	23B7FF0

## 7 FOS System Status

None

## 8 Data Reception from CNES

None

## 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 Recovery on P1 on 14/01/13 with no data loss. Partition was recovered (timed-tagged execution of PRO-CRP-800 at 14:06 UTC
- CCU Reset at the end of an SVALB pass on 19/01/13, at 15:22 UTC. Recovery on 21/01/13.

## 11 AOB

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2013.013.14.45.47.112 to time: 2013.022.14.08.26.930  
 Current printout time: 2013.022.14.09.19.625

Filter info:

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

Event time	Stream	Application	Workstation	Severity	Type	Message
2013.017.22.04.30.438	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.017.17.29.24.196 SPM14147 VAL: ERROR STATE: OK STATUS limit is out of nominal range
2013.017.22.04.30.530	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.017.17.29.25.396 SPM11147 VAL: ERROR STATE: OK STATUS limit is out of nominal range
2013.017.22.04.30.538	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.017.17.29.25.396 XNIRABST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.017.22.04.30.540	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.017.17.29.25.396 XNIRBCST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.019.23.56.56.075	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM22167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.076	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM21167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.076	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM20167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.076	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM19167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.077	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM18167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.077	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM17167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.077	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM16167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.078	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM15167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.078	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM14167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.078	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM13167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.079	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM12172 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.079	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPM11167 VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.019.23.56.56.079	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 SPC02106 VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test STATUS limit is out of nominal range
2013.019.23.56.56.083	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 XNIRABST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.019.23.56.56.083	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 XNIRBCST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.019.23.56.56.083	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.019.15.23.03.625 XNIRCAST VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.020.12.35.34.346	1	BEHVlimitChecker		plpcprm	ERROR	LOG 2013.020.11.55.29.522 NTLHK022 VAL: Disabled STATE: Enabled STATUS limit is out of nominal range