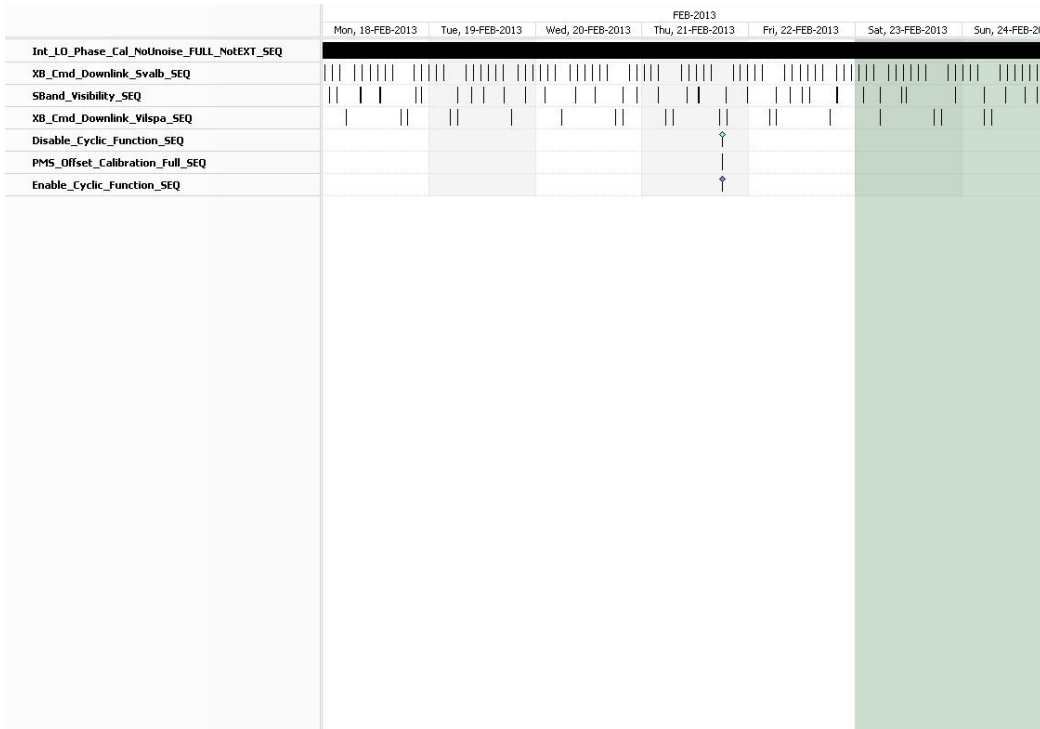




# 1 General Comments

The activities scheduled for this week are those planned for the Week 08.



This week is scheduled.

- PMS offset Calibration on 21/02/2013
- X-Band Passes over ESAC and Svalbard.

# 2 Mission Planning Deviation

Due a CCU reset on 20/02/2013 at 04:29z the X\_Band passes over Svalbard the onboard programming were cancelled, autodownlink was enabled so only passes over ESAC during this period and instrument LO calibration was set every 6 minutes from 04:29z 20/02/2013 to 14:33z 20/02/2013 were normal activities were restarted.



### 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 MM Latchup on P0 on 17/02/2013, upload of PRO CRP 800 to recover it on 19/02/2013 at 13.39z on 12/12/2012.

CCU reset on 20/02/2013 at 04:29z. Recovery on 20/02/2013 at 14:33z.

There is a gap in telemetry raw data between 2013/02/20 03:35:36 UTC and 2013/02/20 04:29:40 UTC

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

Event Description	Severity	Event Time	Parameters
RAM single Bit Error	Warn	2013.049.22.41.24.438	2095778
RAM single Bit Error	Warn	2013.050.20.10.23.998	20D6770
RAM single Bit Error	Warn	2013.051.04.29.39.352	20D6770
RAM single Bit Error	Warn	2013.051.20.43.59.131	21735C4

### 7 FOS System Status

None

### 8 Data Reception from CNES

No anomalies during this period.

### 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 P1 on 22/10/12 with no data loss. Partition was recovered (timed-tagged execution of PRO-CRP-800) on the 25/10 at 12:17 UTC
- CCU Reset at the end of an ESAC pass on 25/10/12, at 19:40:26 UTC. Recovery on 26/10/12 at 06:48 UTC.

## **11 AOB**

None.



## APPENDIX A: OOL's

Event Logger printout from time: 2012.288.10.28.37.012 to time: 2012.318.10.39.51.077

Current printout time: 2012.318.10.42.28.184

Filter info:

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

Event time	Stream	Application	Workstation	Severity	Type	Message
2013.049.09.15.21.231	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.02.40.41.227 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.15.21.232	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.02.40.41.227 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.17.17.616	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.03.43.55.677 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.17.17.628	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.03.43.55.677 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.19.11.001	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.04.47.30.518 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.19.11.003	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.04.47.30.518 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.21.13.029	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.05.52.14.959 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.21.13.039	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.05.52.14.959 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.24.40.258	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.07.58.45.017 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.09.24.40.260	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.07.58.45.017 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.35.33.982	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.09.01.59.467 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.35.33.984	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.09.01.59.467 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.37.32.011	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.10.05.15.091 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.37.32.015	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.10.05.15.091 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.39.26.183	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.11.08.55.929 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.39.26.185	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.11.08.55.929 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.41.21.337	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.12.12.10.375 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.13.41.21.339	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.12.12.10.375 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.14.22.36.897	1	BEHVlimitChecker	plpcprm	INFORMATION	LOG	Generating Out of Limits Packets
2013.049.14.22.39.394	1	BEHVlimitChecker	plpcprm	ERROR	LOG	2013.049.13.05.39.190 DMASME12 VAL: OFF STATE: ON STATUS limit is out of nominal range
2013.049.21.38.49.371	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.13.15.26.003 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.38.49.373	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.13.15.26.003 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.40.54.253	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.14.14.17.634 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.40.54.255	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.14.14.17.634 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.41.09.971	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.14.20.51.234 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.41.09.973	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.14.20.51.234 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.42.46.653	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.15.24.06.877 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.42.46.656	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.15.24.06.877 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.43.47.123	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.15.53.04.509 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.43.47.125	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.15.53.04.509 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.46.25.046	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.17.30.36.967 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.46.25.050	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.17.30.36.967 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.46.56.600	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.17.45.34.567 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.46.56.606	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.17.45.34.567 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.50.18.203	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.19.38.50.229 NMASME08 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.50.18.206	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.19.38.50.229 NMASME15 VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.049.21.52.01.609	1	BEHVlimitChecker	plpcprm	WARNING	LOG	2013.049.20.42.04.681 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 08**

from the 18/02/13 to the 25/02/13

**1.0**

2013.051.09.36.48.617	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	SPM13167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.051.09.36.48.618	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	SPM12172	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.051.09.36.48.620	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	SPM11167	VAL: UNLOCK STATE: LOCK STATUS limit is out of nominal range
2013.051.09.36.48.622	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	SPC02106	VAL: Inst Init STATE: Dual Pol, Full Pol, Calibration, Test
STATUS limit is out of nominal range								
2013.051.09.36.48.627	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	XNIRABST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.051.09.36.48.629	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	XNIRBCST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.051.09.36.48.631	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.04.29.38.852	XNIRCAST	VAL: NOT-OK STATE: OK STATUS limit is out of nominal range
2013.051.13.56.43.238	1	BEHVlimitChecker	plpcprnm	ERROR	LOG	2013.051.09.07.30.625	NTLHK022	VAL: Disabled STATE: Enabled STATUS limit is out of nominal range
range								
2013.051.13.57.46.633	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.09.43.01.830	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.13.57.46.634	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.09.43.01.830	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.13.58.11.141	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.09.56.45.045	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.13.58.11.143	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.09.56.45.045	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.13.59.51.224	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.10.52.06.679	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.13.59.51.226	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.10.52.06.679	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.14.02.05.354	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.12.01.10.330	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.14.02.05.356	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.12.01.10.330	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.14.04.16.938	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.13.10.13.974	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.14.04.16.941	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.13.10.13.974	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.06.14.855	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.14.19.18.805	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.06.14.859	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.14.19.18.805	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.08.24.564	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.15.29.35.642	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.08.24.568	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.15.29.35.642	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.08.50.083	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.15.43.17.653	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.08.50.087	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.15.43.17.653	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.10.31.534	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.16.40.09.284	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.10.31.549	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.16.40.09.284	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.10.55.198	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.16.53.51.300	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.10.55.203	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.16.53.51.300	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.12.33.552	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.17.49.12.933	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.12.33.556	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.17.49.12.933	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.12.59.639	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.18.02.54.944	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.12.59.641	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.18.02.54.944	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.14.44.403	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.18.58.16.576	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.14.44.405	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.18.58.16.576	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.15.12.633	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.19.11.59.787	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.20.15.12.638	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.19.11.59.787	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.12.58.779	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.20.07.21.396	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.12.58.791	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.20.07.21.396	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.13.25.373	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.20.21.03.412	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.13.25.378	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.20.21.03.412	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.15.11.648	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.21.19.04.646	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.15.11.651	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.21.19.04.646	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.15.37.052	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.21.32.46.657	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.15.37.056	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.21.32.46.657	NMASME18	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.17.24.599	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.22.28.08.300	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.051.23.17.24.601	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.22.28.08.300	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.02.20.995	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.22.52.26.320	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.02.21.006	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.22.52.26.320	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.03.45.558	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.23.37.11.945	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.03.45.561	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.051.23.37.11.945	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.03.28.834	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.052.00.30.08.360	NMASME08	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range
2013.052.04.03.28.835	1	BEHVlimitChecker	plpcprnm	WARNING	LOG	2013.052.00.30.08.360	NMASME15	VAL: 1 LOW :0 HIGH :0 SOFT limit is out of nominal range







