
European Space Agency

**XMM-Newton and INTEGRAL weekly
Mission Operations Report**

XMM-INT-WOPS-13_27

Issue 1

Date: 10 July 2013

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HSO-OAX

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1. Weekly report

	XMM	Integral
Main activities	<ul style="list-style-type: none"> ▪ Nominal operations ▪ MCS migration ongoing ▪ 4WD implementation 	<ul style="list-style-type: none"> ▪ Nominal Science Operations ▪ First pre perigee Earth Observation
Status and performance of S/C	<ul style="list-style-type: none"> ▪ Nominal for platform and all instruments 	<ul style="list-style-type: none"> ▪ Nominal for platform and payload.
Status and performance of Ground segment	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ Ongoing occasional RFI at all stations, some sources identified
S/C Anomalies	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ INT_SC-436 SPDU-A TM Invalid due to Busy Status.
G/S Anomalies	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ INT-3379 FDS: Platform failure ▪ INT-3380 TC could not be verified due to lost CPD connection
Future activities planned	<ul style="list-style-type: none"> ▪ 4WD dry run July 23-24 ▪ 4WD FAR 12/09 ▪ 4WD ORR 20/09 ▪ 4WD upload 23-25/09 (TBC) 	<ul style="list-style-type: none"> ▪ Virtualised Solaris environment MCS development ▪ 1st pre perigee Earth Observation on 1st, 2nd July

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2. Detailed weekly operational events

note: all times are Zulu

2.1. XMM

- 2013-07-01 21:54:13 (182): Repex: 140081 SEU OVE THR CRP_AOC_4013 Loss of GS, OSL ongoing no action required!
- 2013-07-01 22:00:00 (182): CSL update failed. FDS: not enough stars
- 2013-07-01 22:05:54 (182): XMM_SPA_0010 XMM-Newton SPACON recover-schedule tool
- 2013-07-03 11:25:00 (184): MCCM Status RED: x2kIta message; PRQMprqm
- 2013-07-05 11:56:00 (186): TM drop due to remaining ANT swap CMDs execution.

2.2. INTEGRAL

- 2013-07-01 (182)
 - o 01:34:00 FDS: No TPF generated for slew #13080050 - FDS Server problem. 5 slews, 1 CGS and 1 RWB missed
 - o 04:27:00 uplink TPF 1308_0500_M.RWB provided by FD-Support
 - o 04:50:00 Manual slew 1308_0501_M.OSL from PID # 13080049 to # 13080053
 - o 05:57:00 uplink TPF 1308_0502_M.CGS
 - o 06:00:00 uplink TPF 1308_0505_M.RWB
 - o 06:18:00 Manual slew 1308_0503_M.OSL from PID # 13080053 to # 13080055
 - o 06:35:00 FDS: TPF 1308_0504_A.OSL applied on A/S to update slew PID # 13080056
 - o 21:34:00 Start of EO 3.1
- 2013-07-02 (183)
 - o 11:39:37 Several instances of bad frames from Maspalomas due to Communications glitches
 - o 15:55:00 LOS TM & TC from MASPAL, end of EO3.1
- 2013-07-03 (184)
 - o 14:07:00 Error G/S: Bad Frames from: REDU, duration: few seconds, RFI, source unknown
 - o 15:28:00 Error G/S: Bad Frames from: REDU, duration: few seconds, RFI, source unknown
- 2013-07-06 (187)
 - o 15:14:00 G/S: Drop VC-0 & VC-7 from G/S: RED, duration: 2 minutes, RFI, source unknown
- 2013-07-07 (188)
 - o 02:25:00 G/S: Drop VC-0 & VC-7 from G/S: RED, duration: 2 minutes, RFI, source unknown