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# ***European Space Agency***

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

**XMM-INT-WOPS-14\_22**

**Issue 1**

**Date: 03 June 2014**

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HSO-OAX

**XMM-Newton and INTEGRAL weekly  
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## **1. Weekly report**

	<b>XMM</b>	<b>Integral</b>
Main activities	<ul style="list-style-type: none"> <li>▪ Nominal operations</li> <li>▪ CDMU patch activities</li> <li>▪ OPS Automation development</li> <li>▪ Eclipse season</li> </ul>	<ul style="list-style-type: none"> <li>▪ Nominal Science Operations</li> <li>▪ Eclipse Season</li> </ul>
Status and performance of S/C	<ul style="list-style-type: none"> <li>▪ Nominal for platform and all instruments</li> </ul>	<ul style="list-style-type: none"> <li>▪ Nominal for platform and payload</li> </ul>
Status and performance of Ground segment	<ul style="list-style-type: none"> <li>▪ Nominal</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ongoing occasional RFI at all stations, some sources identified</li> </ul>
S/C Anomalies	<ul style="list-style-type: none"> <li>▪ None</li> </ul>	<ul style="list-style-type: none"> <li>▪ NT_SC-459 IBIS VETO: OOL on TM parameter G8015 (PMT 28 V set by IASW)</li> </ul>
G/S Anomalies	<ul style="list-style-type: none"> <li>▪ None</li> </ul>	<ul style="list-style-type: none"> <li>▪ INT-3455 imca crash</li> </ul>
Future activities planned	<ul style="list-style-type: none"> <li>▪ MEOR (2+3/06)</li> <li>▪ Cebreros Test 7-9 July</li> <li>▪ CDMU FAR September</li> </ul>	<ul style="list-style-type: none"> <li>▪ Virtualised Solaris environment MCS development.</li> <li>▪ Validate ISDC link via internet.</li> <li>▪ Automation of some repetitive tasks</li> </ul>

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## **2. Detailed weekly operational events**

note: all times are Zulu

### **2.1. XMM**

- 2014-05-26 22:58:59 (146): Eclipse 5/12
- 2014-05-28 22:53:03 (148): Eclipse 6/12
- 2014-05-30 22:48:03 (150): Eclipse 7/12
- 2014-06-01 22:44:08 (152): Eclipse 8/12
- 2014-06-02 03:19:00 (153): TC: A3189 'START GUIDE STAR' failed release due to no star in slot # 2 → SPACON recovery tool
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### **2.2. INTEGRAL**

2014-05-26 (146)

16:39:00 Data gap from Kiruna for a few sec, RFI, source unknown

2014-05-27 (147)

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2014-05-28 (148)

07:39:02 FCP\_AOC\_0522 AOCs reconfiguration after eclipse season as per OPS\_INS #963

11:51:00 EPS, OBDH end of eclipse season reconfiguration as per OPS\_INS #957

2014-05-29 (149)

05:13:00 G/S: data gap on VC-7 from G/S: KIR, RFI, source unknown

10:07:00 G/S: data gap VC-0 from G/S: KIR, RFI, source unknown

2014-05-30 (150)

19:45:46 TM: G8015 'S1E-A2-PMT V' S/H-OOL (value= 30.52 V)

22:38:00 TM G8015 back within limits at the end of GEBEXT01 sequence.

2014-05-31 (151)

11:44:00 G/S: data gap on VC-0 & VC-7 from G/S: KIR + missing packets

12:31:00 G/S: data gap on VC-0 & VC-7 from G/S: KIR + missing packets

20:37:00 G/S: Drop VC-0 & VC-7 from G/S: KIR, duration: ~2 min, reason RFI

2014-06-01 (152)

20:08:00 G/S: data gaps on VC-0 & VC-7 from G/S: KIR, RFI, Cosmos 2458

2014-06-02 (153)

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