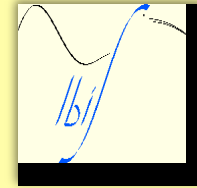


IBIS operations

Status of the Instrument

(ESOC 25 Mar 2011)



IBIS contracts & support status

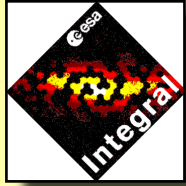
INTEGRAL ASI contract is extended till 26 August 2013

5 x 3y FTE scientist position + 1.5y PostDoc assegno di ricerca

Vito Sguera	- permanent position just gained
Maria Teresa Fiocchi	- IASF-Rome
Francesca Panessa	- IASF-Rome
Raffaella Landi	- IASF-Bologna
Antonella Tarana	- IASF-Rome
Valentina Bianchin	- IASF-Bo postdoc, 1.5 y contract

Thanks to ASI new contract we are well set till end of 2013.

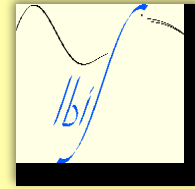
The contract covers the activity of IASF-Rome, Bologna, Milano and , Universty of Bologna



IBIS operations

Status of the Instrument

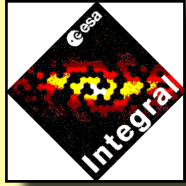
(ESOC 25 Mar 2011)



IBIS Operations

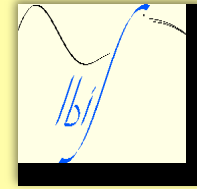
The IBIS instrument performs nominally to date

Most of the Anomalies are known and recovered by routine operations



IBIS operations

Anomalies



INT_SC-260: PICSIT PDM1 Latch-up Mode

Similarity with SC156 (PDM6 Latch-up), SC184 (PDM8 Latch up), SC251 (Latch-up PDM3). Latch-up is always possible. Nothing can be done. Can be closed..

open → closed

INT_SC-287: PICSIT High Count Rates due to VETO counters drop

In this case the alarm comes from PICSIT counters. Here the problem is to realize that VETO counters dropped. Can be closed..

open → closed

INT_SC-295: VETO VDM14 HV breakdown

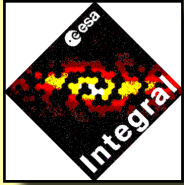
Similarity with a lot of anomalies of the same kind.

open → closed

INT_SC-311: VETO reset

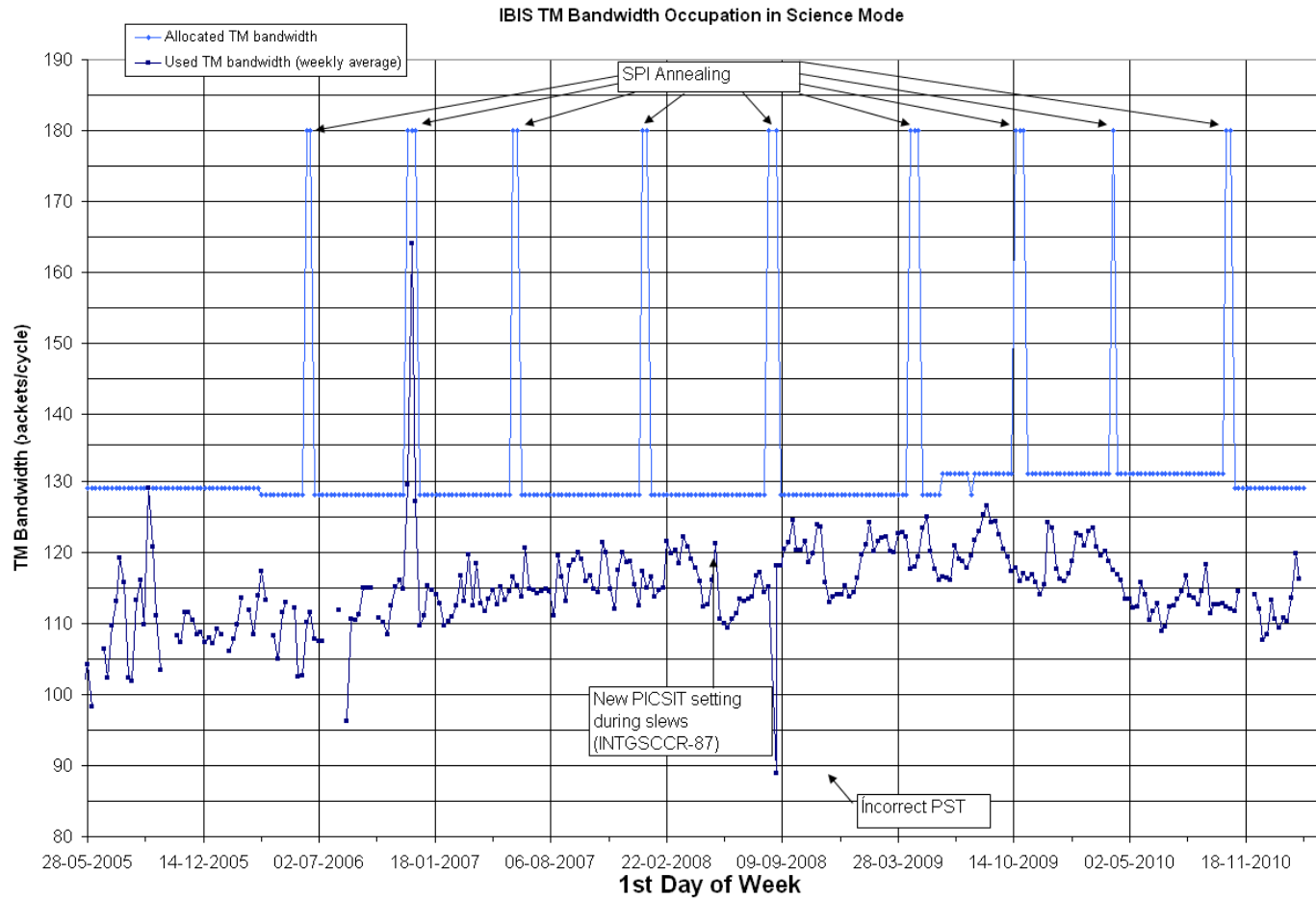
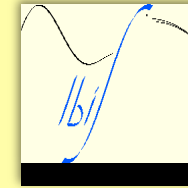
Similarity with other occurrences (SC-122 ..). The reason is still unknown. Possible latch-up. Can be closed..

open → closed



IBIS operations

TM utilization

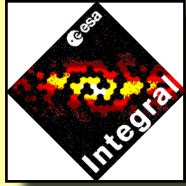


IBIS TM

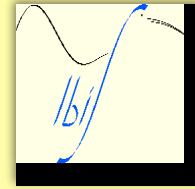
**allocated =
129**

**mean use =
115**

Background is going down and IBIS TM allocation benefits by this



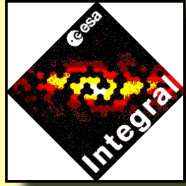
IBIS operations open issues



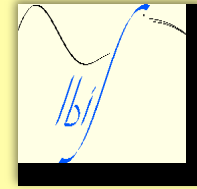
**Contract with the 'new' VEGA is going on smoothly.
Asi has signed a 3 years agreement, money via PI
INTEGRAL contract is extended till 26 August 2013**

- 1.what about the IBIS OBSW patches?**
- 2.no news from ESOC since Giovanni La Rosa sent a PC for a better I/F to ECOE**
- 3.G. La Rosa is planning a visit within one month time.**

In the meanwhile any action/work form remote can be started.

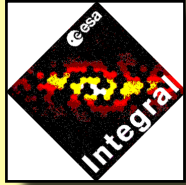


IBIS operations open issues



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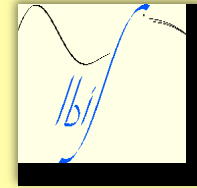
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IBIS operations

PI workstations

(ESOC 25 Mar 2011)



The IBIS workstation (ECO) started to have “age” (12 years old) problems a couple of years ago

From time to time it hang-up and need to be manually restarted by ESOC personnel

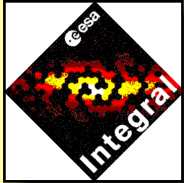
Some time ago Nikolai proposed a solution to shift this problem to our institute in Rome

On Wed, 26 May 2010 he wrote:

I suggest you to install a Linux workstation at ESOC, and you could use the ssh protocol to run an ECO in Frascati. The gain would be that you are independent from us and from the 2 ECO stations here and you will be able to have the data available to you.

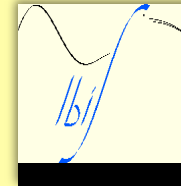
As second option (also in parallel) you could also download the image files of the CDs we provide for ISDC.

You can mix any of the options as you like. See sketch. (DDS option not fully investigated yet.)



IBIS operations

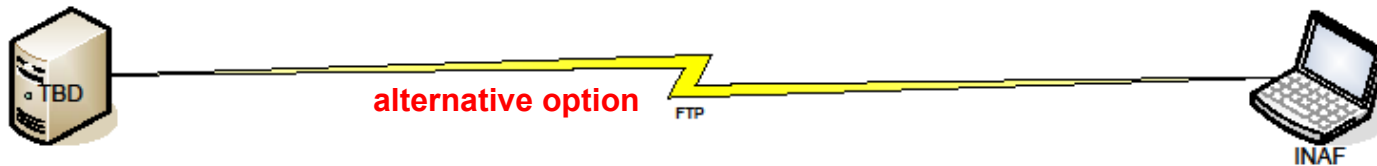
Sketch of proposed solutions



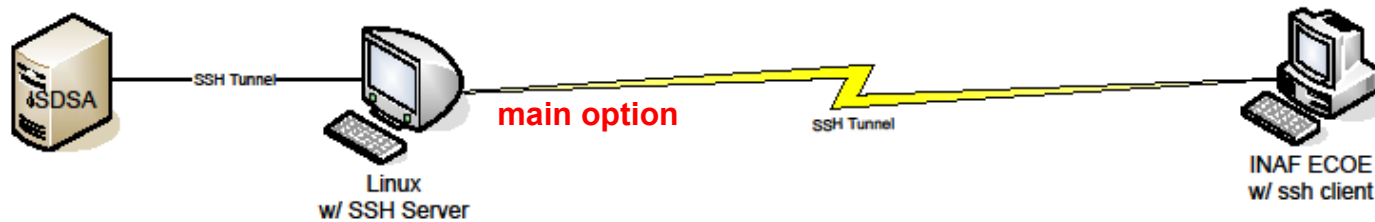
NOW



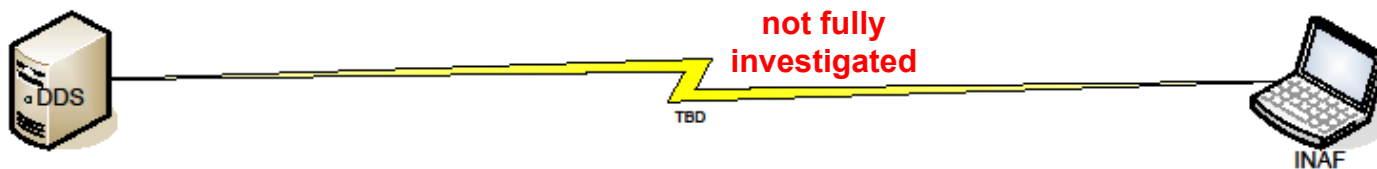
CD-Image

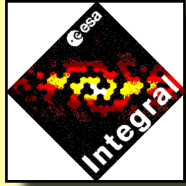


SSH Tunnel

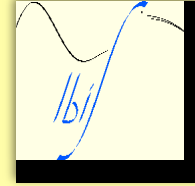


DDS





IBIS operations status



The current status of this issue is:

- **G. La Rosa sent a PC Linux to ESOC on 6th of August 2010**
- **R. Southworth announced the box arrived at ESOC on 18th of August 2010**

- **since then nobody started a cooperative action to go ahead**

Do we restart the action?

Giovanni is willing to come here for a couple of days in mid-April