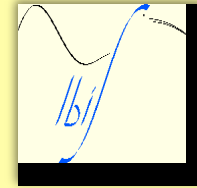


## IBIS operations P. Ubertini/G. La Rosa

Status of the Instrument: FTE Contracts

(ESOC 16 June 2011)



## IBIS contracts & support status

### INTEGRAL ASI contract is extended till 26 August 2013

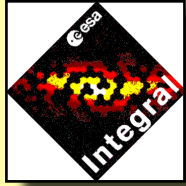
The contract covers the activity of IASF-Rome, Bologna, Milano, Palermo and University of Bologna

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

Vito Sguera	- permanent position in Bologna since yesterday*
Maria Teresa Fiocchi	- IASF-Rome
Francesca Panessa	- IASF-Rome
Raffaella Landi	- IASF-Bologna
Antonella Tarana	- IASF-Rome
Valentina Bianchin	- IASF-Bologna postdoc, 1.5 y contract

\*To be replaced with a high level Posdoc fellowship (Bologna) and an entry level fellowship (Rome)

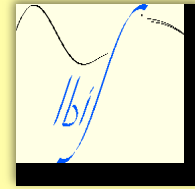
Thanks to ASI new contract we are well set till middle 2013.



## IBIS operations P. Ubertini/G. La Rosa

Status of the Instrument: VEGA contract

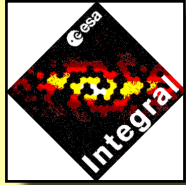
(ESOC 16 June 2011)



**Contract with the 'new' VEGA for the IBIS OBSW patches is going on smoothly.**

**ASI has signed a 3 years agreement (2010-2012), money via PI, VEGA contract is planned till end 2012.**

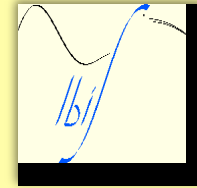
- First order and offered activity (2010) is over**
- Second order issued for about 20k**
- Third order planned by end of the year (2012 activity) , amount 20k**
- G. La Rosa is planning a visit to ESOC before summer.**



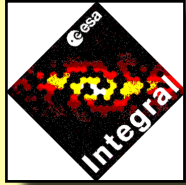
## IBIS operations

Status of the Instrument: ECOE and GSE

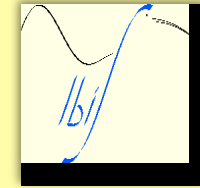
(ESOC 16 June 2011)



- The IBIS instrument performs nominally to date (a part for rev 1056 partially in Safe mode due to Solar flare)
- Most of the Anomalies are known and recovered by routine operations
- Bright transient event procedure fixed, need to be loaded
- The IBIS workstation (ECOE) started to “age” (12 years old) problems a couple of years ago and so:
  1. G. La Rosa sent a PC Linux to ESOC on 6th of August 2010
  2. R. Southworth announced the box arrived at ESOC on 18th of August 2010
  3. G. La Rosa to set up with ESOC the final set-up
  4. In the meanwhile in Roma we continue to download Row data and cleaning of directory is performed routinely



# IBIS operations P. Ubertini/G. La Rosa



## Status of the Instrument: Anomalies

(ESOC 16 June 2011)

### **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**

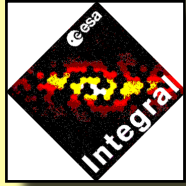
Similarity with a lot of anomalies of the same kind.

open → closed

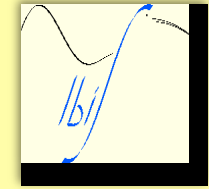
### **INT\_SC-311: VETO reset**

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

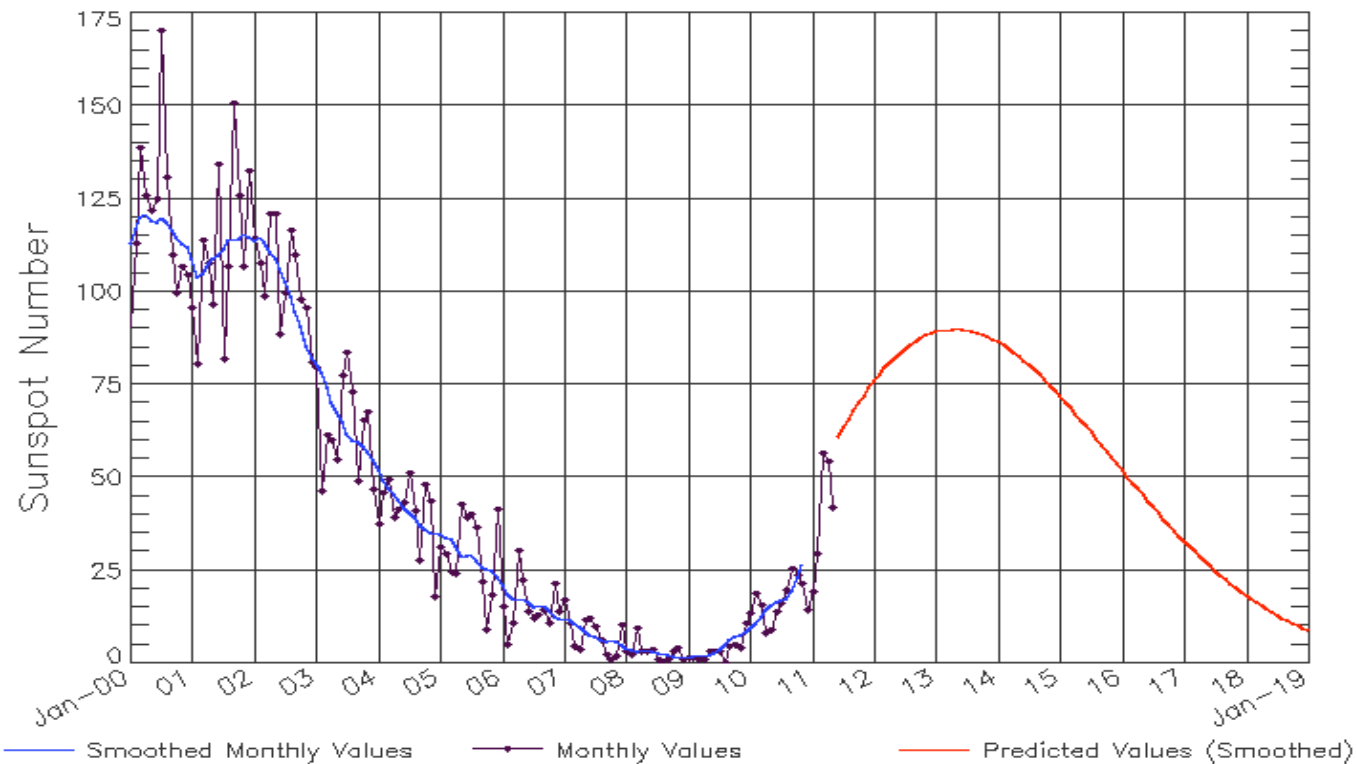
open → closed



# The sun is active again!

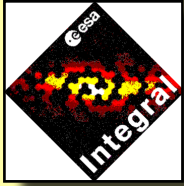


ISES Solar Cycle Sunspot Number Progression  
Observed data through May 2011

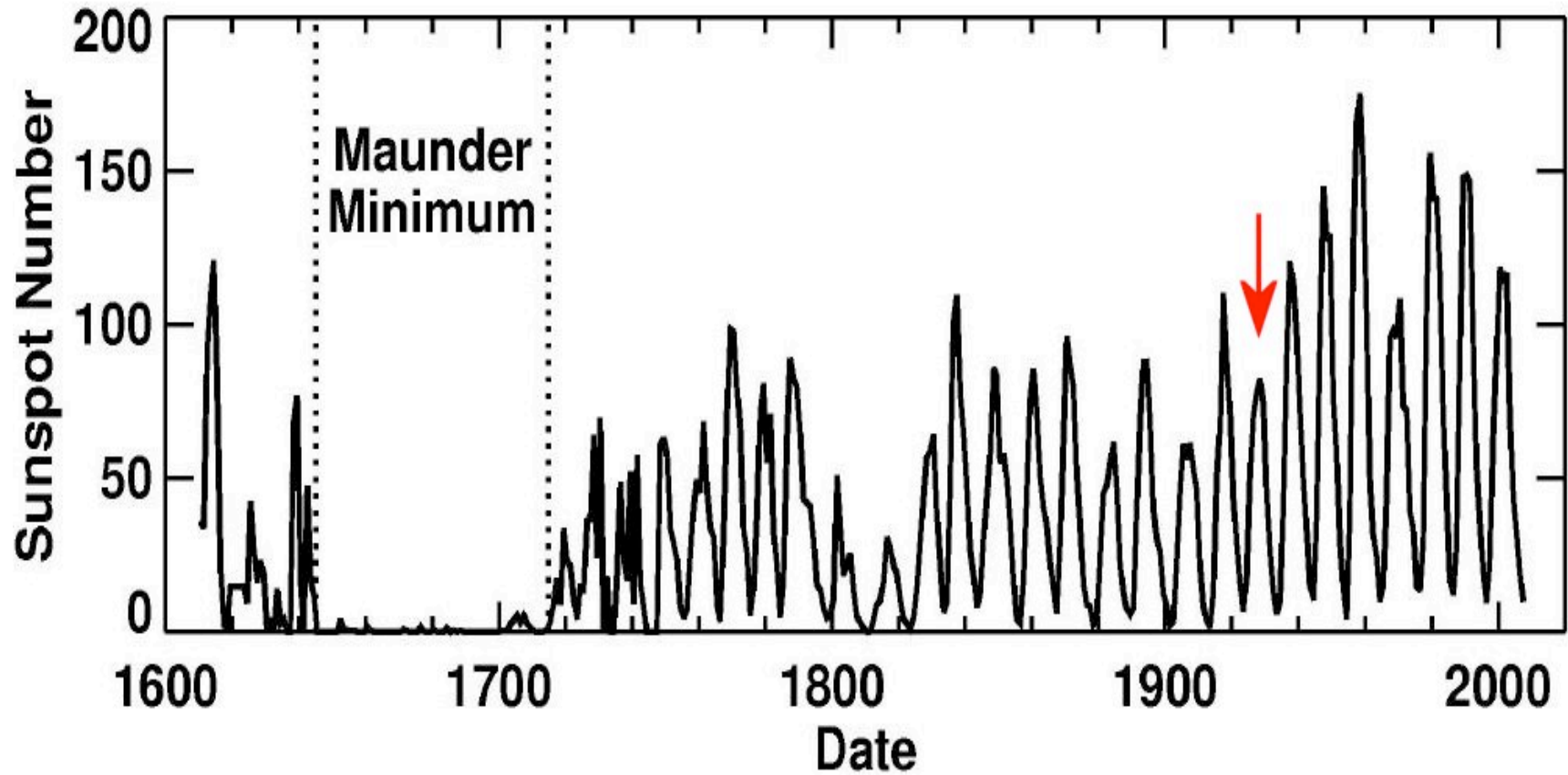
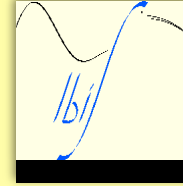


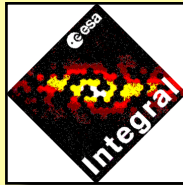
Updated 2011 Jun 7

NOAA/SWPC Boulder, CO USA

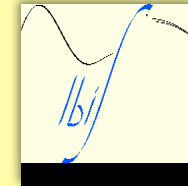


...but not very much...



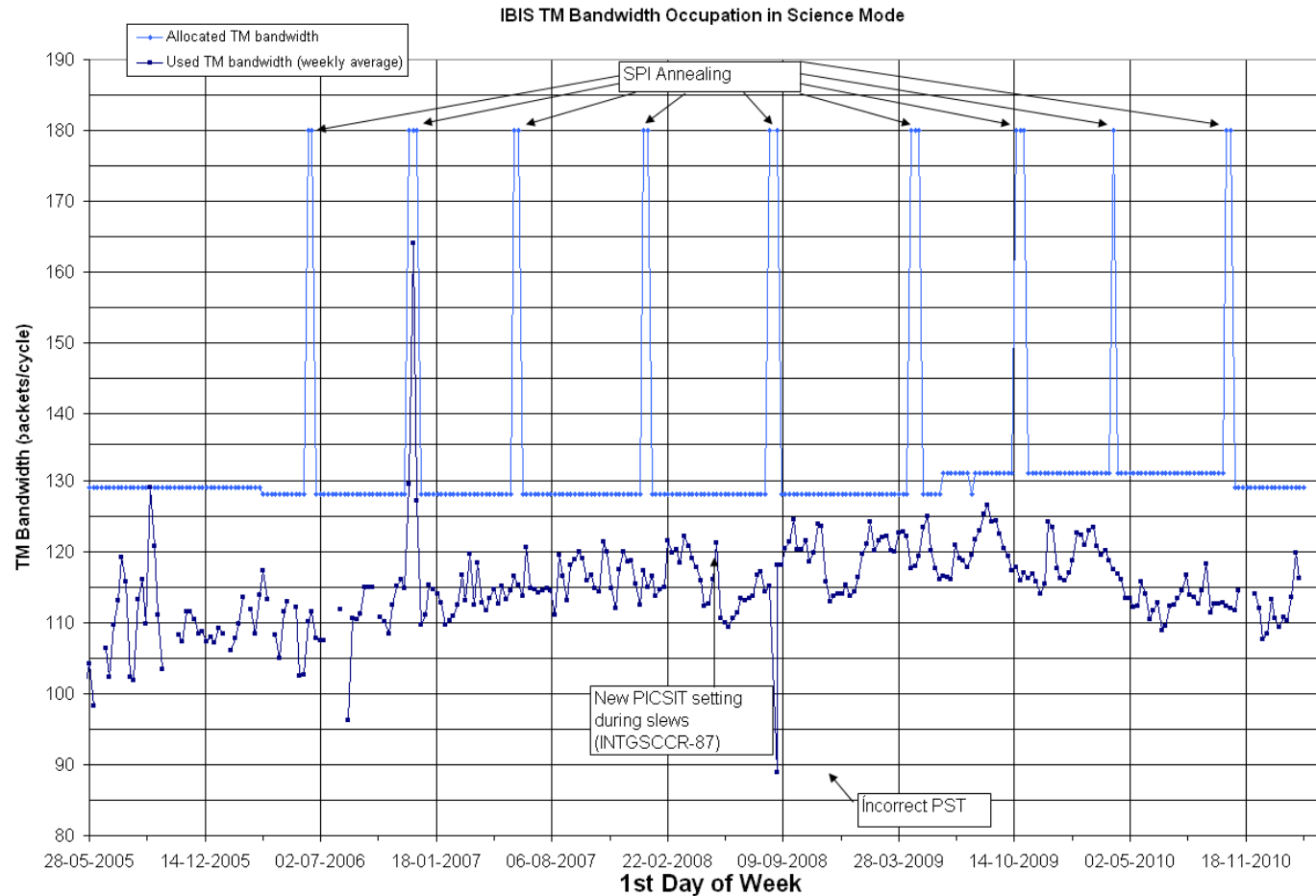


# IBIS operations P. Ubertini/G. La Rosa



## TM utilisation

(ESOC 16 June 2011)

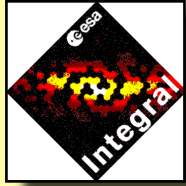


**IBIS TM**

**allocated = 129**

**mean use = 115**

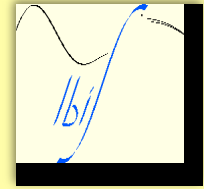
**Background is going down and IBIS TM allocation benefits by this...but probably not very much...**



# IBIS operations P. Ubertini/G. La Rosa

## Status of the Instrument: Open issues

(ESOC 16 June 2011)



**None so far...**