

# Mission Status Report

INTEGRAL User's Group meeting #21, November 7-8, 2018

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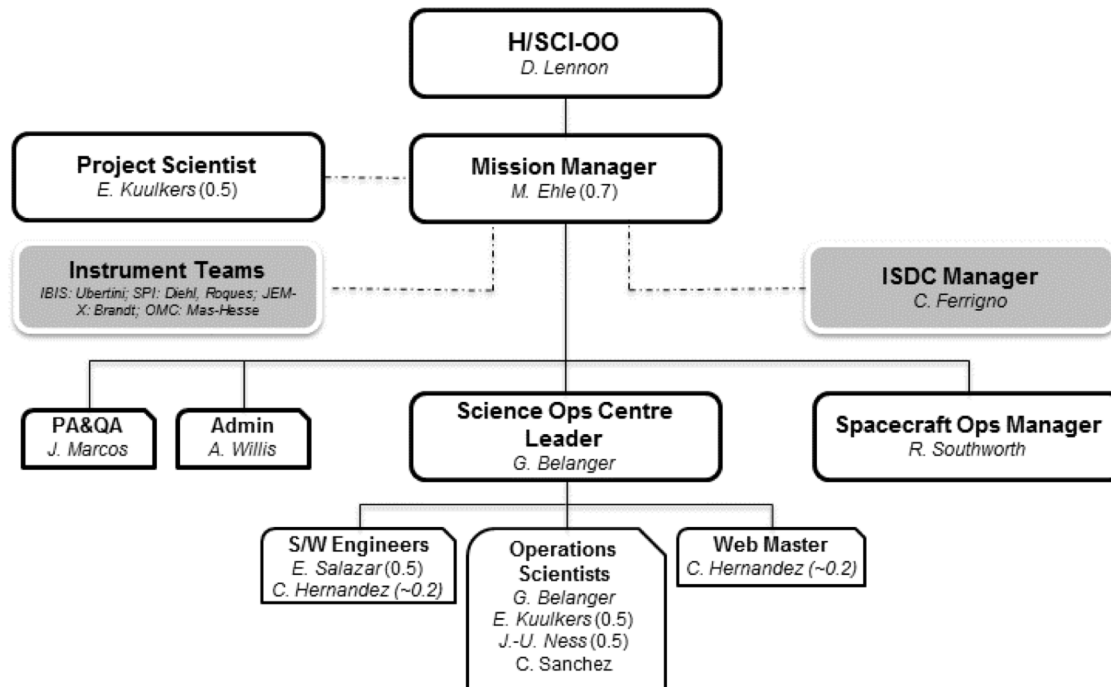


# People Matter(s)



## Staff Changes:

- Cristina Hernandez → ISOC Web Master (~0.2) & new: S/W Engineer tasks (~0.2)
- Matthias Ehle → Mission Manager INTEGRAL (0.7) & SciOps Study Leader Athena (0.3)



*Sharing/moving people to foster synergies between (high-energy) missions.*



# INTEGRAL MOC



→ dedicated talk by Richard Southworth, Spacecraft Operations Manager (SOM)

## MM Summary:

- No impact on efficiency and science since SPACON merger (Apr 2018)
- Some people movements (*full details in MOC presentation*)
  - R. Southworth involvement in CHEOPS
  - J. Hübner (S/C Operations Engineer, SOE): maternity leave until ~July 2019
- Preparations for low Perigee passages: Study “Evaluating the Schedule and Strategy to adapt Integral, XMM and Cluster Operations Concept According to Available Power Budget”
- Fast ToOs (< currently achieved 5-8 hrs): only under exceptional and favourable conditions, during working hours, as best effort activity



# INTEGRAL Legacy Archive



- To be developed and operated by ESAC Science Data Centre (ESDC)
- Preparatory work has started (cannot wait for PostOps Phase)
  - EXPRO contract with ISDC “Study on contents & technology”, Jan-Jun 2018 (report under finalization)
  - 1<sup>st</sup> brain-storming & kick-off meetings with staff ESDC, development expected to start 2019
- Lead by PS & Archive Scientist (G. Belanger), collaborating with ISDC & Instrument Teams
  - Define best possible products that can be used also by non-experts (multi-wavelength approach, keep ESASky ([sky.esa.int](http://sky.esa.int)) in mind)
  - Avoid need for INTEGRAL specific software & calibration, if possible
  - Online re-processing?
  - Plan for Legacy Catalogue (IBIS updates – soon & final, combined INTEGRAL?)



# OSAv11



Release done on 19 October 2018 (statistics on downloads?)

**A big “Thank You” to everybody who contributed, from ISDC, Instrument Teams, ISOC! An important milestone reached, demonstrating that the INTEGRAL project delivers ...**

What is pending, e.g. IBIS cal. files? Validation & Performance Reports, UM!

How can we (ISOC) and others help?

How can we promote the usage of OSAv11?

- a Leaflet for the Conference? A booth? A dedicated users' workshop?
- Video tutorials, threads (a la SAS, see <https://www.cosmos.esa.int/web/xmm-newton/sas-threads>)
- Jupyter Notebooks to interact with OSA?
- <your ideas here>



# Mission extension in 2018



Mission currently **funded until end 2018**; in 2018 ensure that...

... **indicative** extension is given for **2019-2020**; Mar SPC#156 ✓

... operations can continue (and science be delivered) for extension period;

Jun **Missions Extended Operation Review (MEOR)** ✓

... extension for **2019-2020 confirmed** & extension **2021-2022 indicatively** approved;

Oct 10 AWG#169, Oct 15-16 SSAC#162, Nov 14-15 SPC#158

- **AWG & SSAC** ✓ → SPC is invited to:

- approve the operations of INTEGRAL from 1 January 2019 to 31 December 2020
- approve indicative extensions to the operations of INTEGRAL from 1 January 2021 to 31 December 2022, subject to a mid-term review and subsequent SPC confirmation in 2020.

- SPC is still to happen (next week)...



# Feedback on INTEGRAL services



SCI QMS Surveillance Audit April 2017:

- finding: INTEGRAL has no ways to systematically collect users feedback, e.g. through the HelpDesk and via the Users Group

→ ESA management needs to address and fix this...

**HelpDesk:** Replied tickets now include invitation for feedback and a link to a form:

*Please note that your feedback is extremely useful for us to improve. Please visit the following web address and send us your comments:*

[https://www.cosmos.esa.int/web/integral/feedback?p\\_p\\_id=48\\_INSTANCE\\_sCKq6uUolcbf&\\_48\\_INSTANCE\\_sCKq6uUolcbf\\_iframe\\_id=XJD-430-22860](https://www.cosmos.esa.int/web/integral/feedback?p_p_id=48_INSTANCE_sCKq6uUolcbf&_48_INSTANCE_sCKq6uUolcbf_iframe_id=XJD-430-22860)

A screenshot of the 'INTEGRAL FEEDBACK PAGE'. The page has a white background with blue text. At the top, it says 'INTEGRAL FEEDBACK PAGE'. Below that, a short paragraph reads: 'We care about the INTEGRAL community, and your opinion is very important to us. We would be happy to know what you think about our scientific support. If you have any feedback, suggestions or comments, please share them with us here.' There are two input fields: 'Full Name:' and 'E-mail:'. Below these is a 'Level of satisfaction:' section with five stars, all of which are filled. At the bottom, there is a text area with the prompt 'Please enter any comments you may have:' and a 'Submit' button.

**IUG meeting:** another way of a direct communication with representatives of INTEGRAL users. You will be asked: How is the INTEGRAL Project performing?



# Summary



Most important:

**Thank you, for all your support, especially related to**

- Extension Case,
- OSA 11 release,
- Instrument support,
- Preparing the INTEGRAL Mission for the future...

