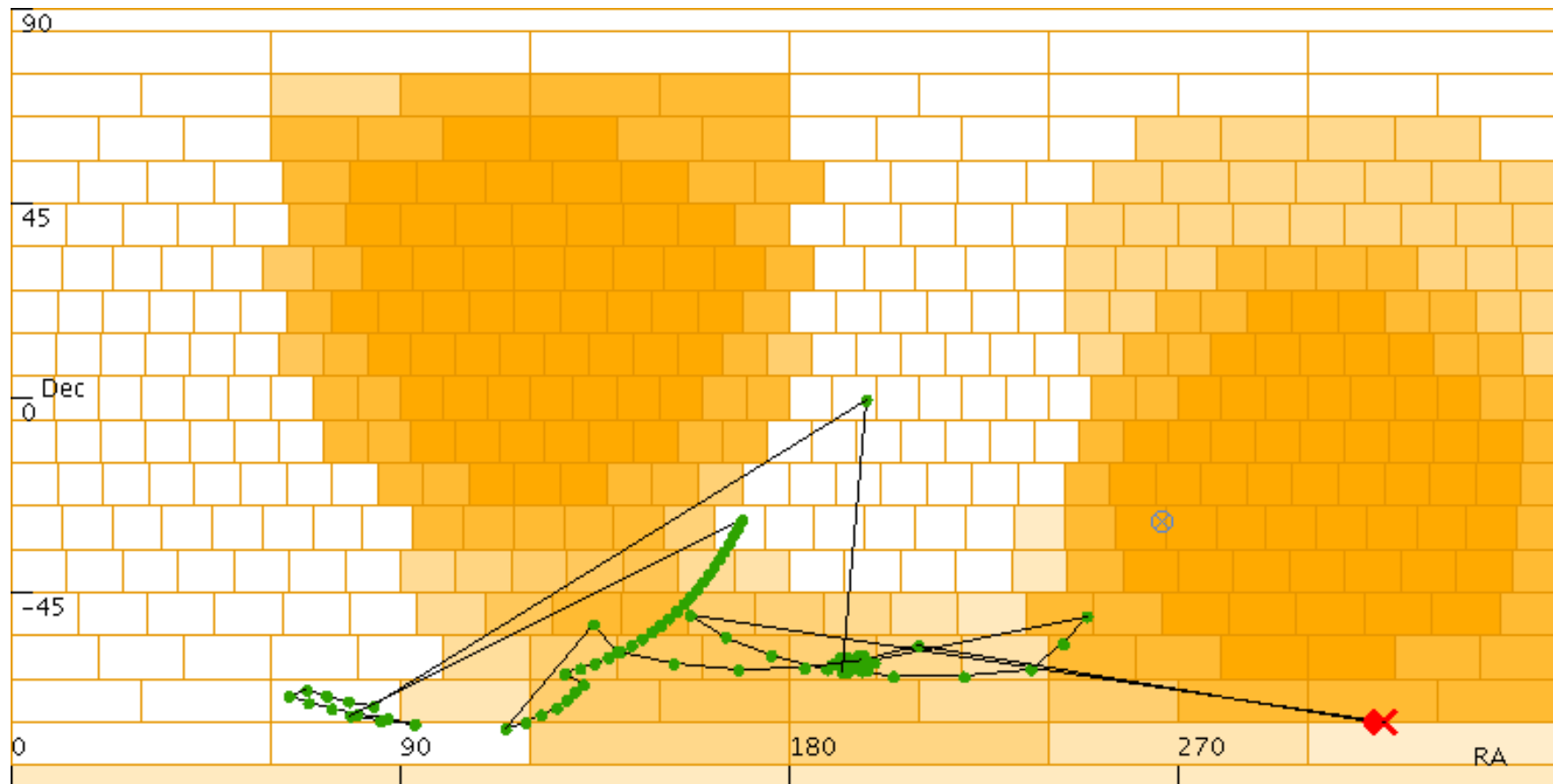# ISOC Status

P. Kretschmar – INTEGRAL Mission Manager

INTEGRAL User Group Meeting

ESTEC – 18 January 2012

ISOC STATUS

➢ Emilio Salazar joined as Software Engineer in October 2011, replacing Marnix Bindels. Otherwise team unchanged.

➢ Software developers busy all through 2011 with changes related to IUG decisions (AO scheme, multi-year programmes, user support in data right proposals), TAC support and operational issues caused by evolving orbit.

➢ Observation planning on long- and short-term more complex, due to

- Observations with many constraints (see presentation by E. Kuulkers).
- Need for special perigee attitudes for large parts of year.
- Additional constraints, at least in eclipse season from MOC.

➢ Number of revolutions needing multiple SOC-MOC iterations has increased significantly.

➢ Work on new Archive has ramped up. Extra support (0.5 FTE) expected in 2012.

European Space Agency

Complex Planning

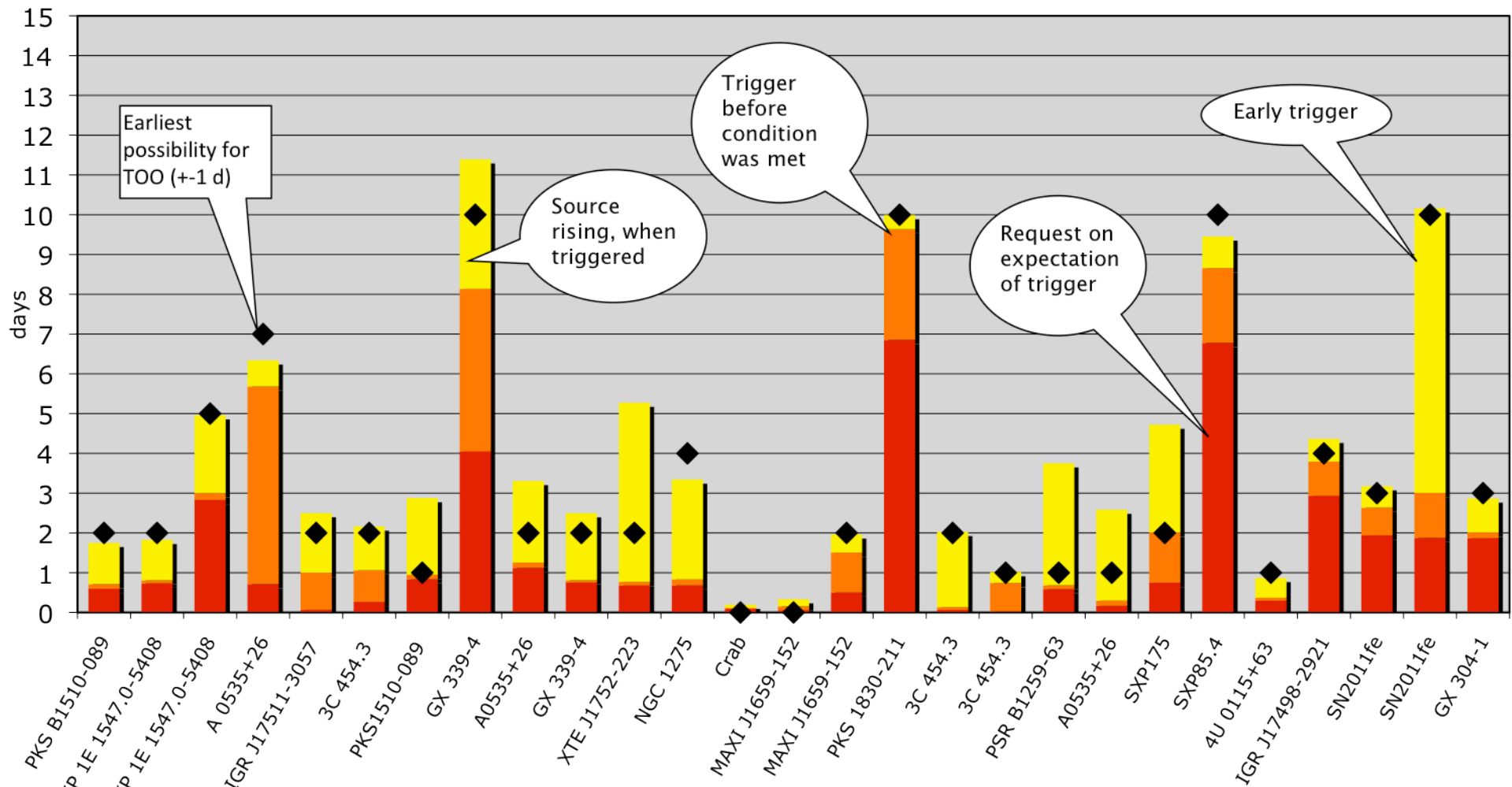➤ Revolution 1132 including ToO on GX 304-1, GPS, latitude scan and LMC.

SkyMap for INTEGRAL revolution 1132 starting Fri Jan 20 06:34:59 GMT 2012 to Mon Jan 23 06:21:10 GMT 2012, POS version 27
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Delays between trigger and observation since 2009

Major tasks for 2012

- ➤ Support to Mission Extension effort.

- ➤ Handling of AO-10, hopefully quite similar to AO-9.

- ➤ Transition of archive at ESAC to new infrastructure.

- ➤ Set up Earth/CXB observations with MOC and instrument teams.

- ➤ Improve and fully validate eAIMS.

- ➤ Continue studies with MOC of radiation belts & fuel usage.

European Space Agency