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Attachment(s):

(1) "status20131006_V0", 800 KB pdf, 4 pages.

: Re:
: Latest CALLISTO report (#45)
:

Dear ISWI Participant:

Attached is the latest Callisto report, and below are a few notes from the issuer of this report:

: Dear colleagues and friends
: Attached the latest news about Callisto and the e-Callisto network in the
: framework of IHY2007 and ISWI.
: I'm very proud of you guys who constantly provide data to the e-Callisto
: archive.
:
: The network is still growing and data quality is improving.
: Key elements of this report:
: - A new station in Indonesia
: - INPE Brazil is back online
: - Spectrum measurements in Ireland demonstrate that radio-quiet areas
: still exist.
:
: Older reports can be found here:
: <http://www.astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/Appdocs/applicabledocs.htm>
: Data access and Callisto related technical information here:
: <http://www.e-callisto.org/>
:
: Best regards
: Christian Monstein

In addition, I am pleased to say that during the recent "2013 ISWI/MAGDAS School in Africa" (23-27 Sept, Cote d'Ivoire in western Africa), Miss Heba Salah (Helwan University, Egypt) delivered a fine presentation entitled:
: "Studying bursts using callisto spectrometer".
Details on this highly successfully school will be provided in future issues of this newsletter ---- so stay tuned.

Faithfully and cordially yours,
. George Maeda
. The Editor
. ISWI Newsletter

CALLISTO status report/news letter #45

New Callisto set into operation at Bosscha Observatory, Lembang, Indonesia:

Location:

longitude: 107° 37' 0.5'' E

Latitude: 6° 49' 29.6'' S

Altitude: 1310 m

Antenna: CLP 5130-1, Preamp: MiniCircuits ZX60-33LN (ETH), Filenames: BOSSCHA-ITB_*.fit



Fig. 1: Crews in front of control room.

Front from left to right:

Iwa Sutisna

Agus Setiawan

Hendro Setyanto

Putra Mahasena

Taufiq Hidayat.

Behind:

Maman Budiman

Denny Mandey

Dhani Herdiwijaya

The antenna CLP 5130-1 is in the background,
pointing to zenith.



Fig. 2: Whole crew:
Taufiq Hidayat
Dhani Herdiwijaya
Agus Setiawan
Iwa Sutisna
Denny Mandey
Putra Mahasena
Maman Budiman
M. Yusuf

Antenna is in front, pointing to zenith.



Fig. 3: Technicians: Maman Budiman (left) and Agus Setiawan (right) in the control room. Callisto left of the monitor (as usual....).

Currently the sun extremely quiet, so we need to wait for 1st light solar radio burst ...

**Welcome on board of
the e-Callisto network**

Recent spectral overview measurement with Callisto in Ireland:

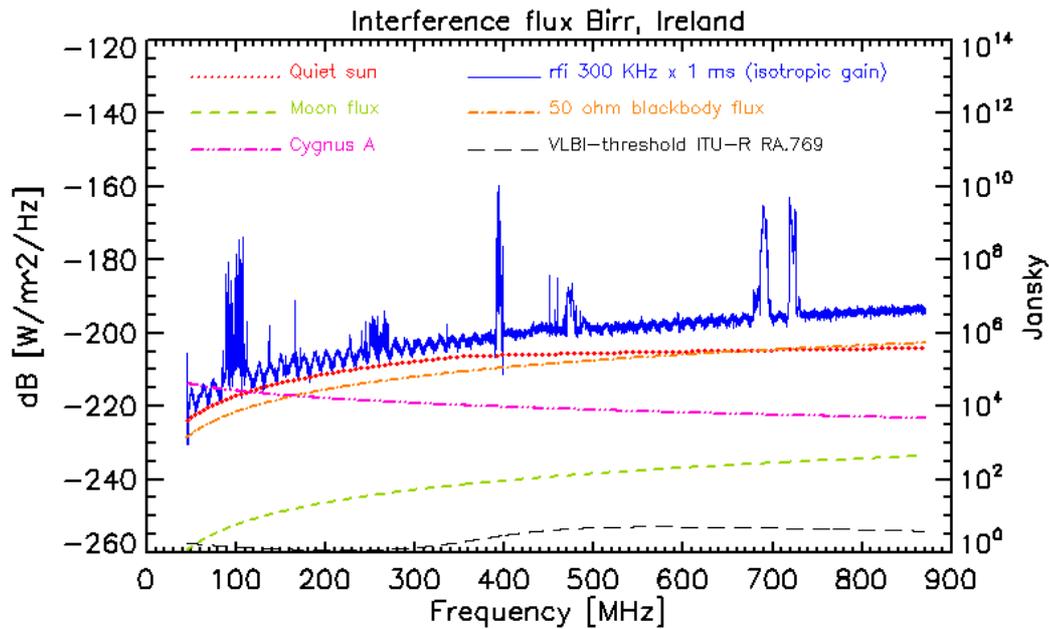


Fig. 4: Radio quiet are at Birr castle, Ireland. Standing waves are due to a twisted coax cable.

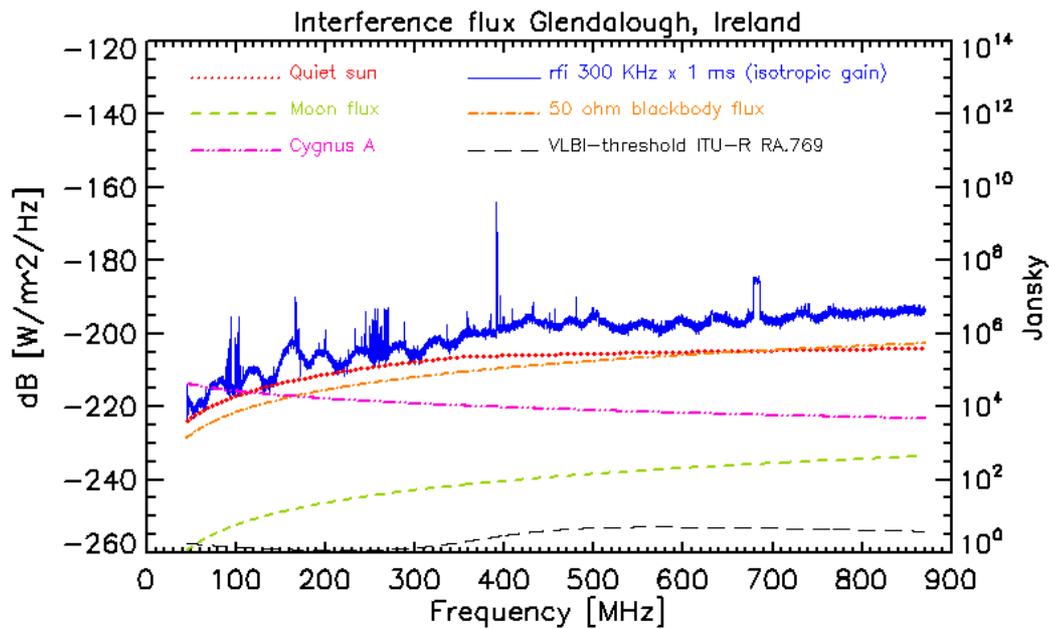


Fig. 5: Extremely radio quiet are in Glendalough National Park, Ireland.

AOB:

- CALLISTO or Callisto denotes to the spectrometer itself while e-Callisto denotes to the worldwide network.
- General information and data access here: <http://e-callisto.org/>
- Callisto data are hosted at Fachhochschule Nordwestschweiz (University of applied sciences FHNW) in Brugg/Windisch, Switzerland. Process control, user communication and scripts are maintained at Institute for Astronomy of ETH Zurich.
- Correction for geographical coordinates of the South African instrument:
34.424315 S, 19.223558 E.
- The ISWI-Graz Symposium is over with a lot of interesting and fruitful discussions.
<http://www.unoosa.org/oosa/SAP/act2013/graz/index.html>
- Instituto Nacional de Pesquisas Espaciais (INPE) in São José dos Campos, Brazil is back on-line, data from 2010 and 2011 are already archived and Quick-Views generated. Thanks to all who have contributed to this important task.
- If you produced any Callisto related paper, please put into ADS: <http://adsabs.harvard.edu/>
- A new Callisto system will be set into operation soon at Cohoe in Alaska. Witham D. Reeve is currently preparing the basement for a steel lattice tower to put the antenna above the trees.



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