iFSC-Tools

https://fsc.svom.org/ifsc-tools/

Web application dedicated for the SVOM Burst Advocates

HOME

the BA can access to several modules

to list the GRB and display all products available

to follow the ToO

to manage the french Shifts

to monitor the mission informations

to monitor GRB sequences for trainings

GRB Mode

As soon as a new GRB alert has been notified to the FSC, iFSC-Tools, subscribed to the NATS-SDB channel, sets off the GRB Online mode.

So a notification appears to monitor all the new scientific products in real time.
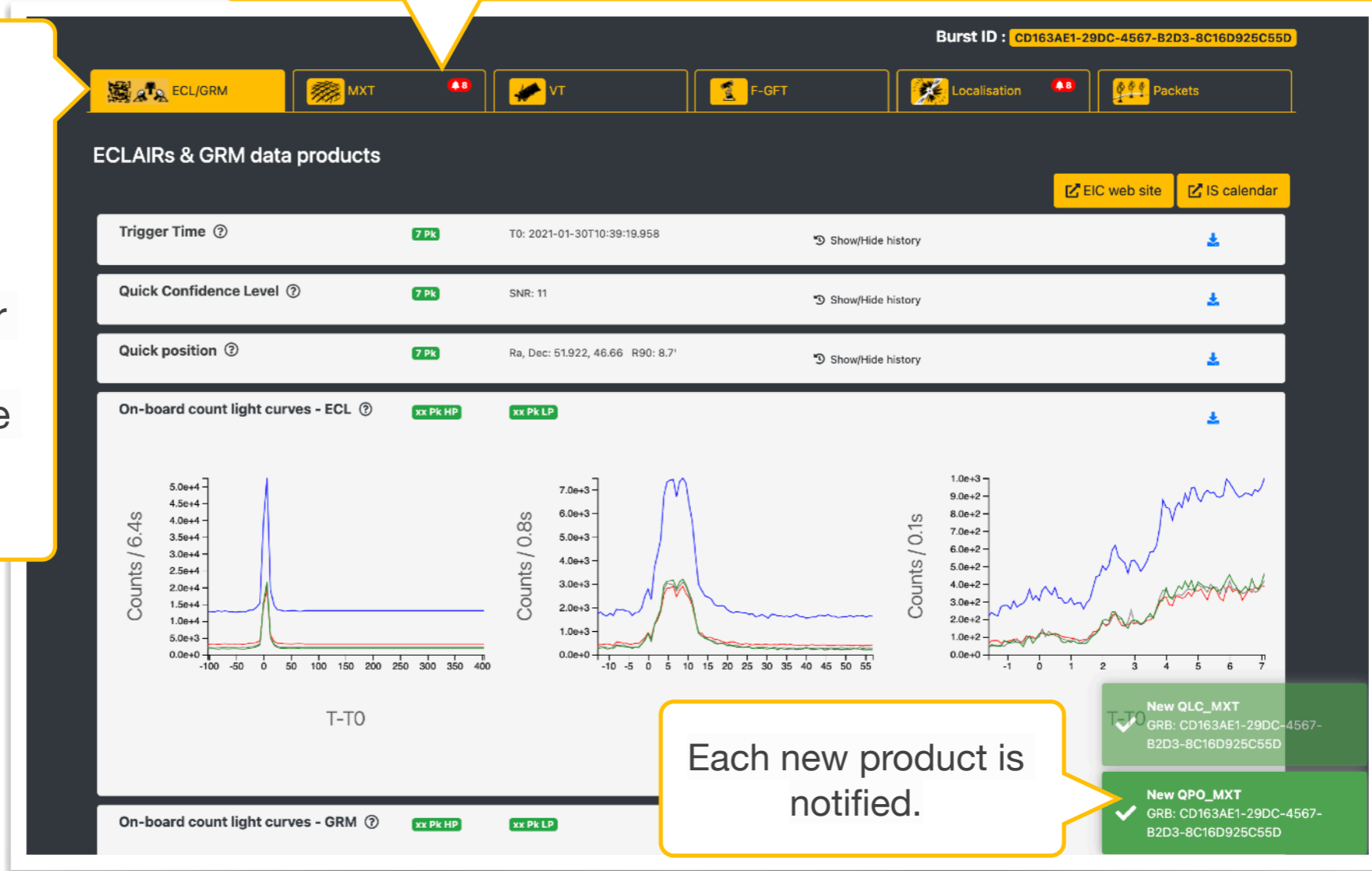
GRB List

The BA can list all GRB.

Products List

GRB Mode

If the BA is looking the ECLAIRs/GRM tab, a small notification in red notify the BA that new products are available for other instruments.

On this page :
- all products associated to the GRB are loaded,
- the new products from the pipelines for this GRB are displayed in real-time in separate tabs for each instrument.
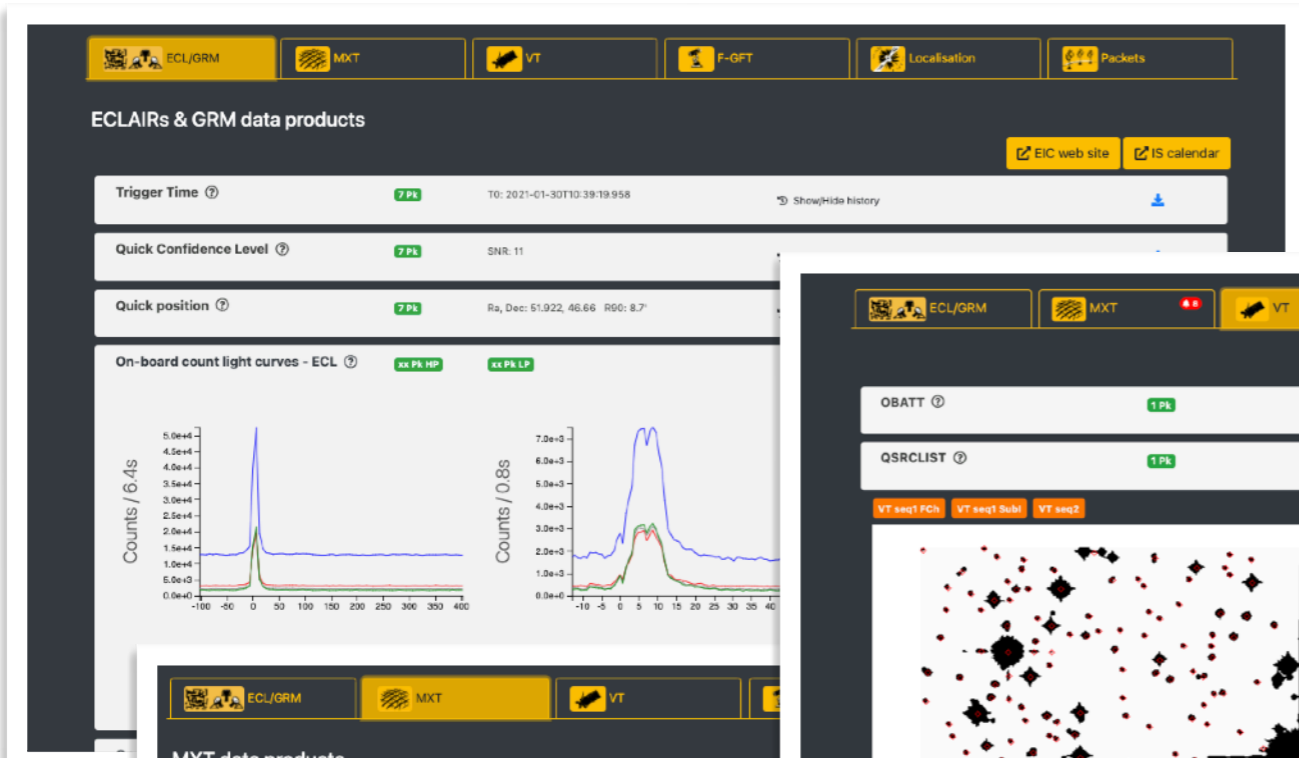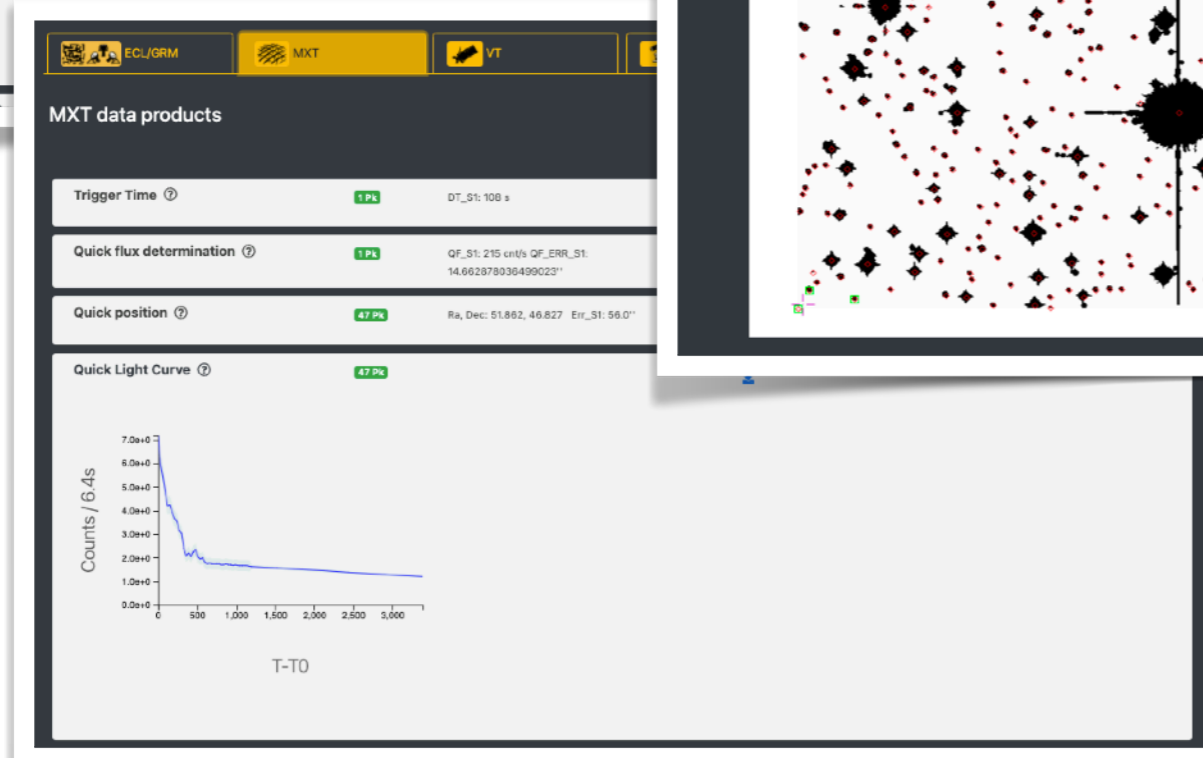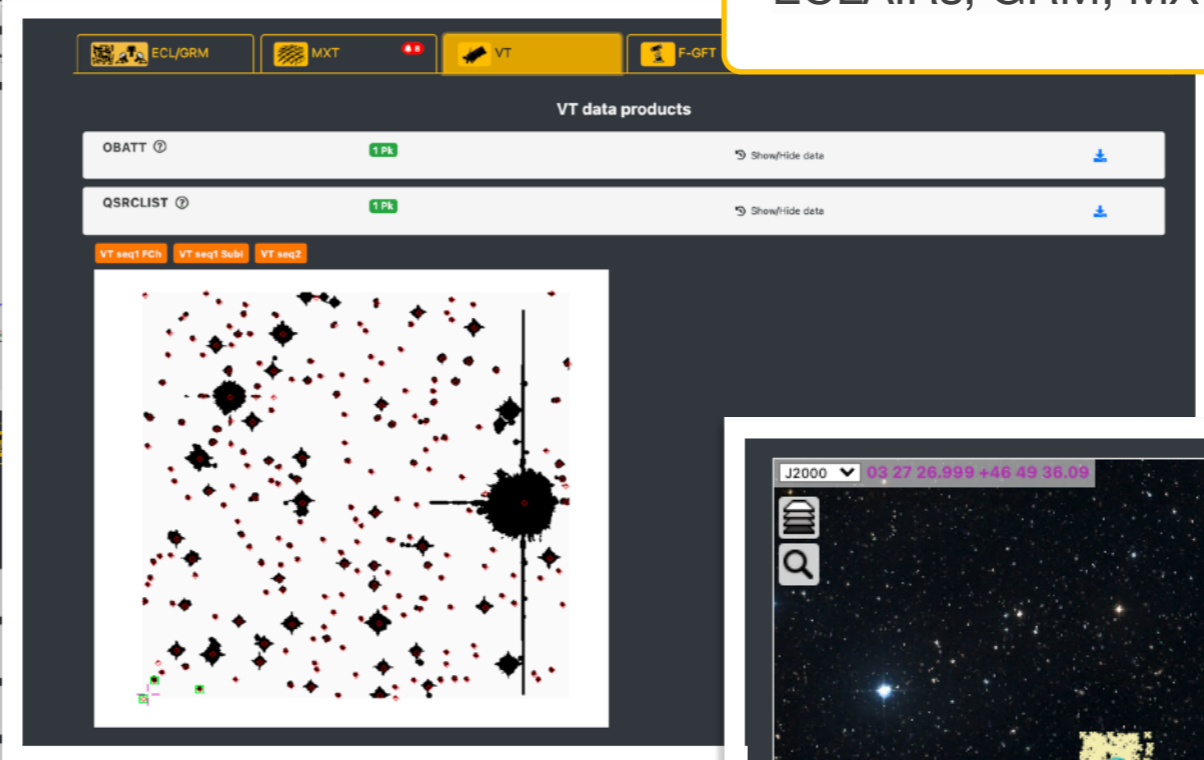
Each new product is notified.

Products List

On this exemple more products are available for different instruments ECLAIRs, GRM, MXT and VT.

All QPO are also available on the Localisation tab

SHIFTS Calendar

The Shifts Calendar module allows to manage the french Shifts

Shifts Visualisation

Shifts Mode

The first tab displays all shifts. On this version only french BA are displayed with their status.

- 🟩 if the shift is complete : with main and backup BA
- 🟧 if the shift is incomplete : with main or backup BA
- 🟥 if the shift is empty : with no main and no backup BA

Manage French Shifts

The second tab allows to manage the french shifts.

The BA can Add or Edit a shift to complete it, and the shifts status changes in real-time.

SHIFTS User

Shifts Mode

This tab allows to check the statistics of the BA

Select the BA and the year to display the statistics of this BA.

GRB Simulator Mode

Simulator

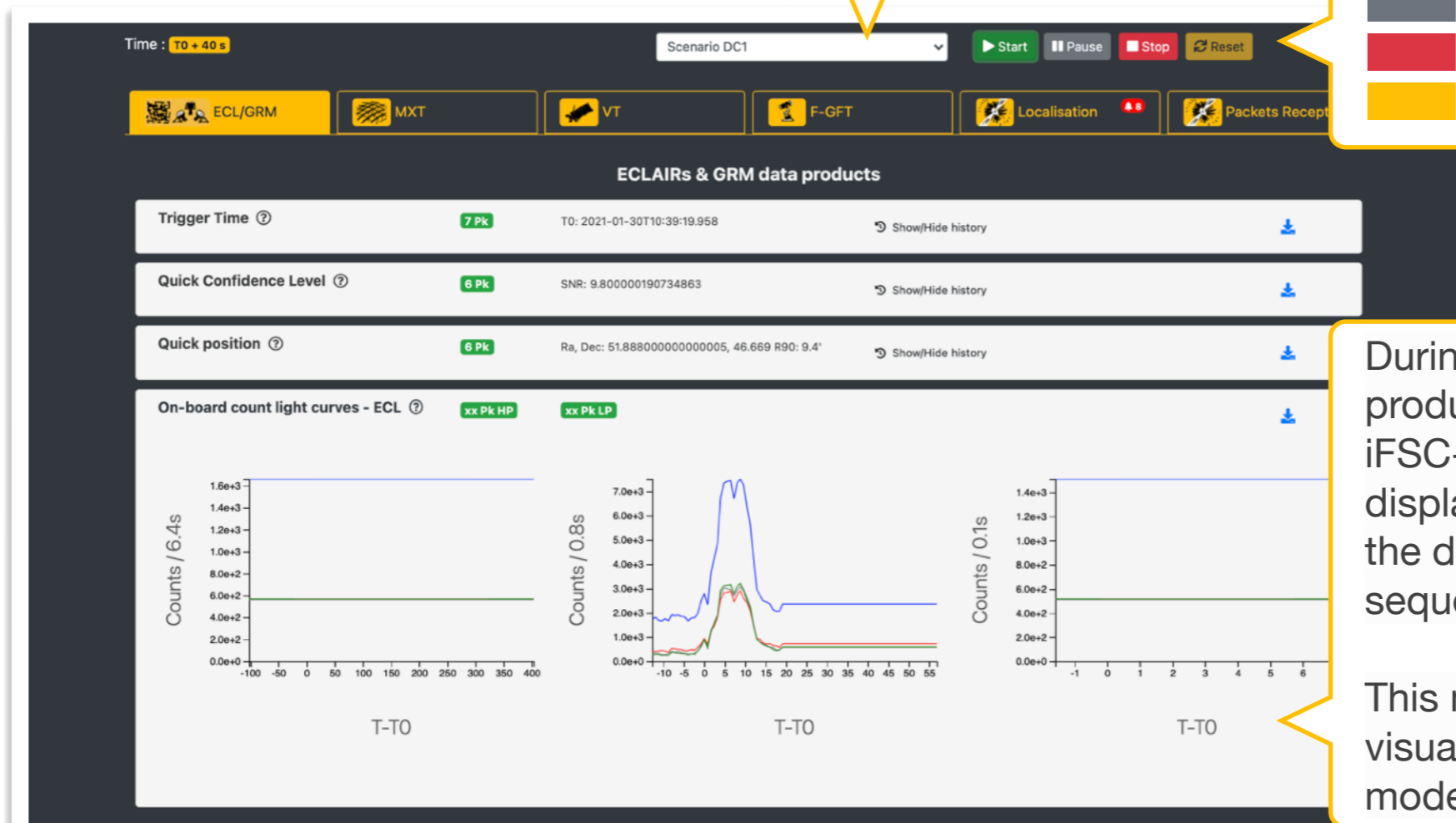This mode allows to monitor GRB sequences for trainings

GRB Simulator Mode

Simulator

On this mode, BA selects a sequence for training

When the sequence is loaded, the BA can :

- 🟩 Start the sequence
- ⬛ Pause/Resume the sequence
- 🟥 Stop the sequence
- 🟨 Refresh the page

During a sequence, each new product is loaded from the iFSC-Tools database and is displayed in the real time with the delays defined in the sequence.

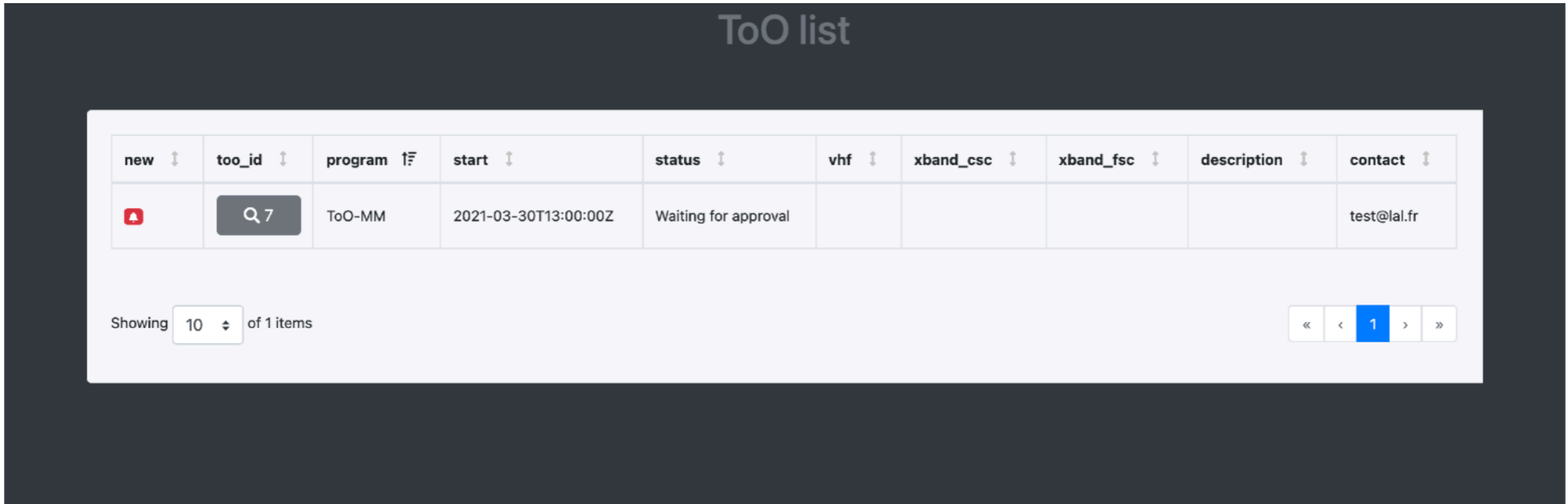This mode allows the same visualisations of the GRB online mode

TOO MODULE

As soon as a new ToO alert has been notified to the FSC, iFSC-Tools, subscribed to the NATS-ToO channel, sets off the ToO Online mode.

So an alert notification appears to monitor all the new alerts in real time.

TOO LIST

ToO Mode

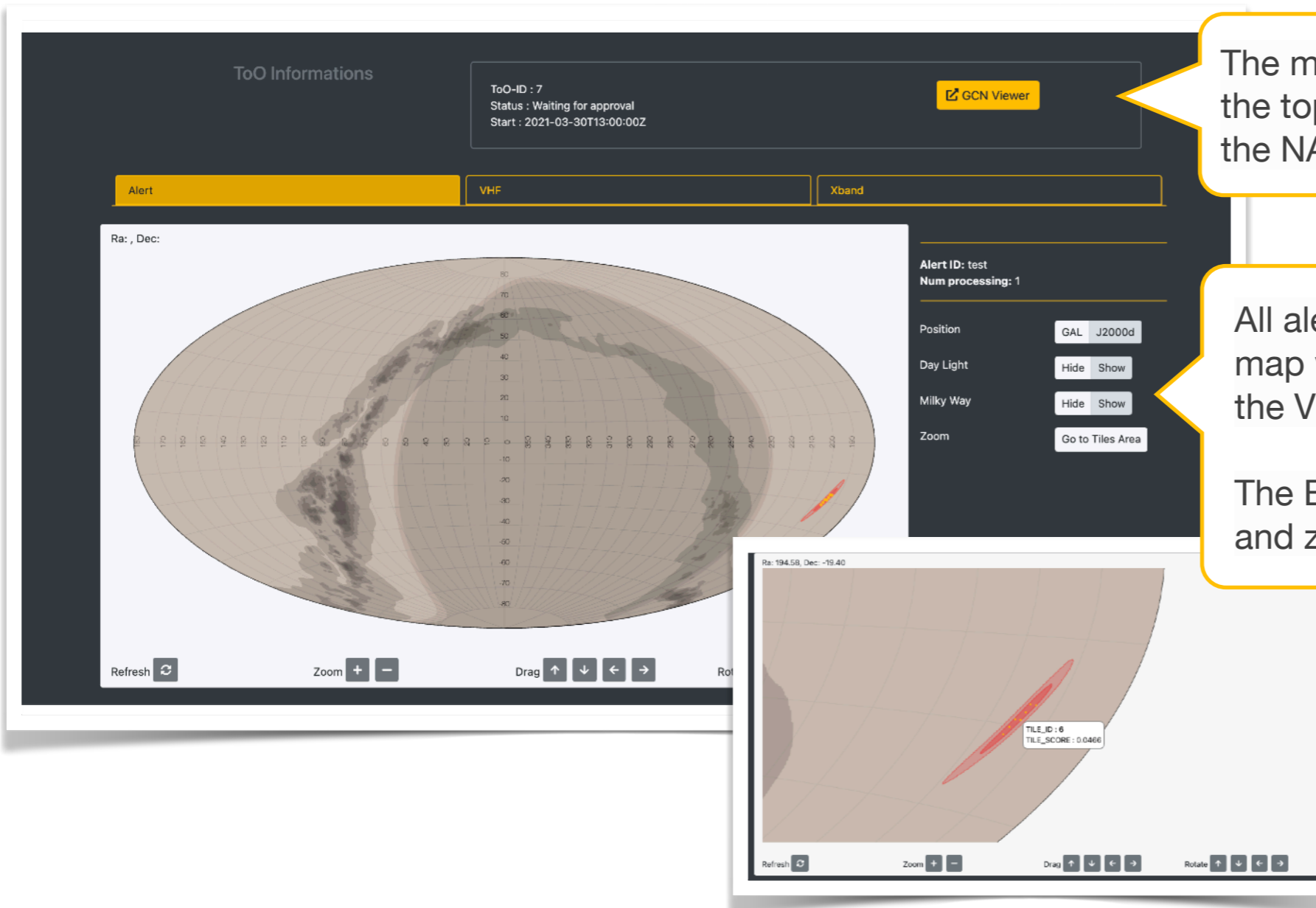The BA can list all ToO, and monitor all the products of a selected ToO

PRODUCTS LIST

ToO Mode

The BA can currently monitor the Alert.
And in a next version the VHF and Xband products for a selected ToO.

The main informations are available in the top frame, with an external link to the NASA GCN Viewer.

All alerts processing are available with a map visualisation including the tiles and the Vigo/Lirgo area.

The BA can change the display options and zoom directly on the Tiles area.

MISSION MODULE

Mission Mode

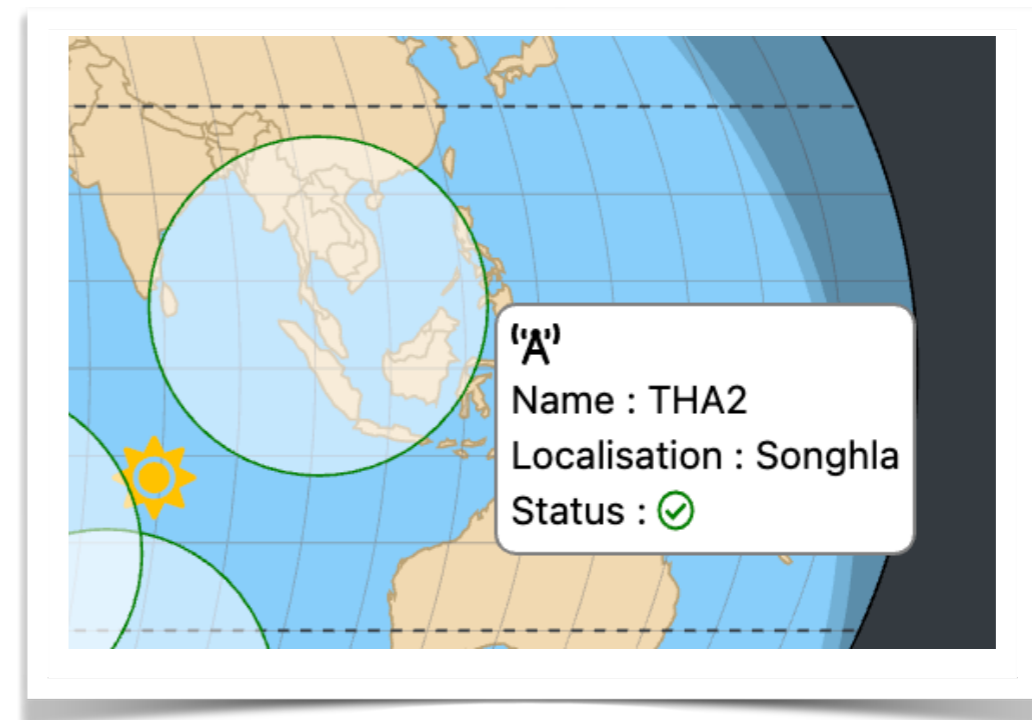The Mission module allows to provide mission informations

The current version provides only the spacecraft informations like :
- observatories positions,
- stations activities, ...

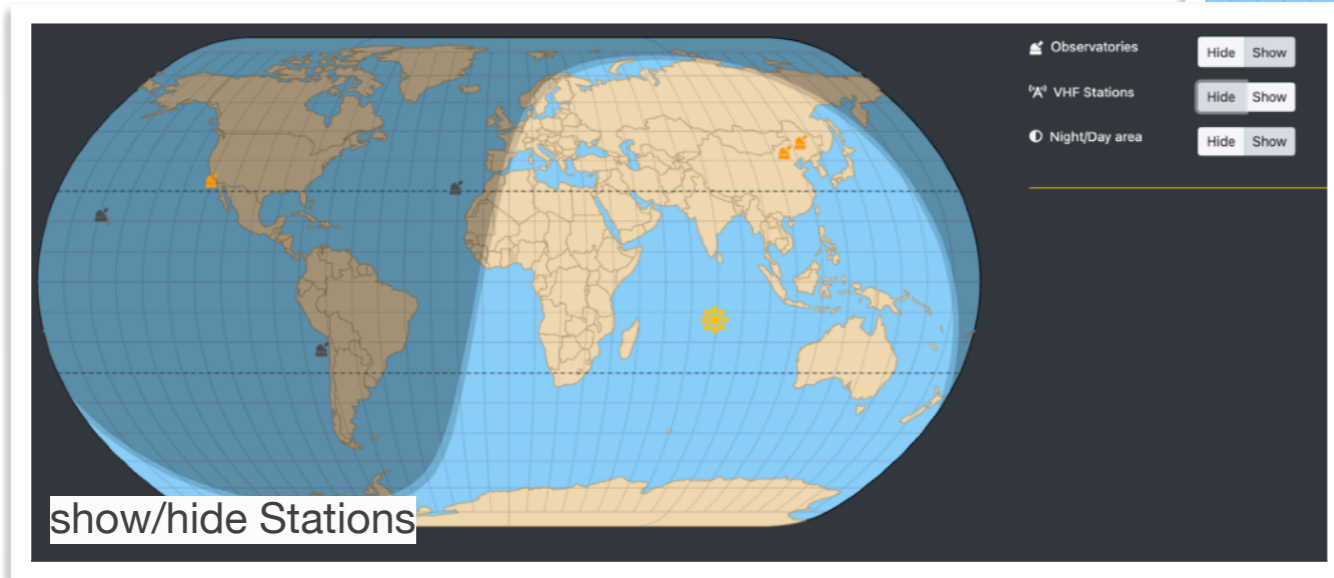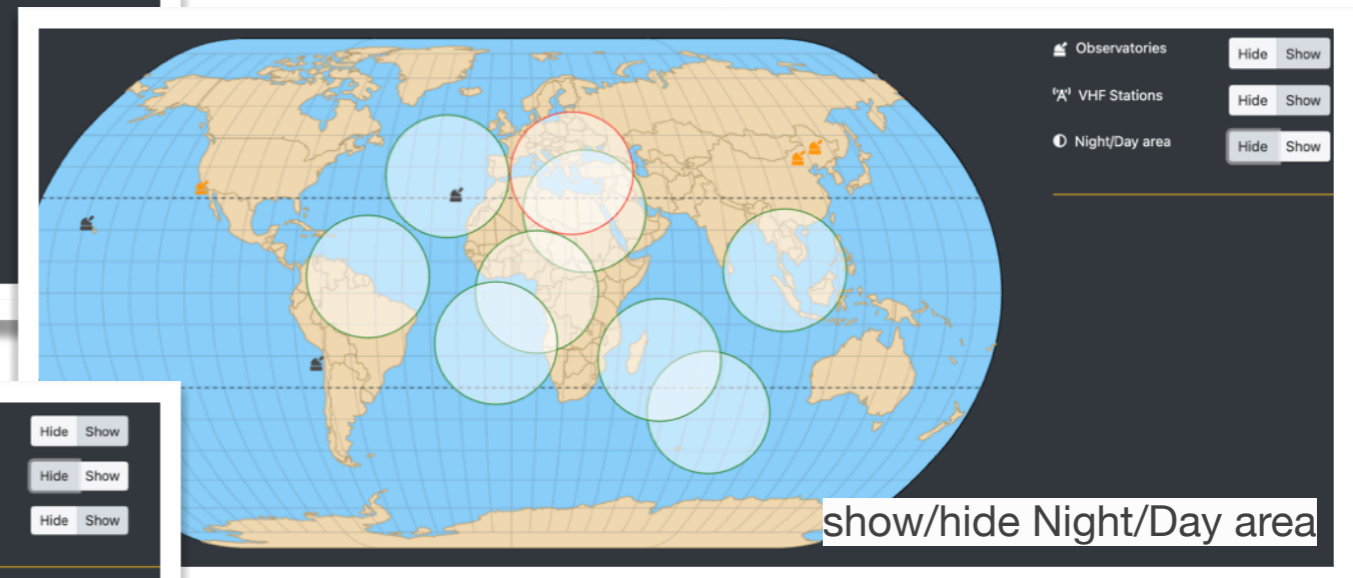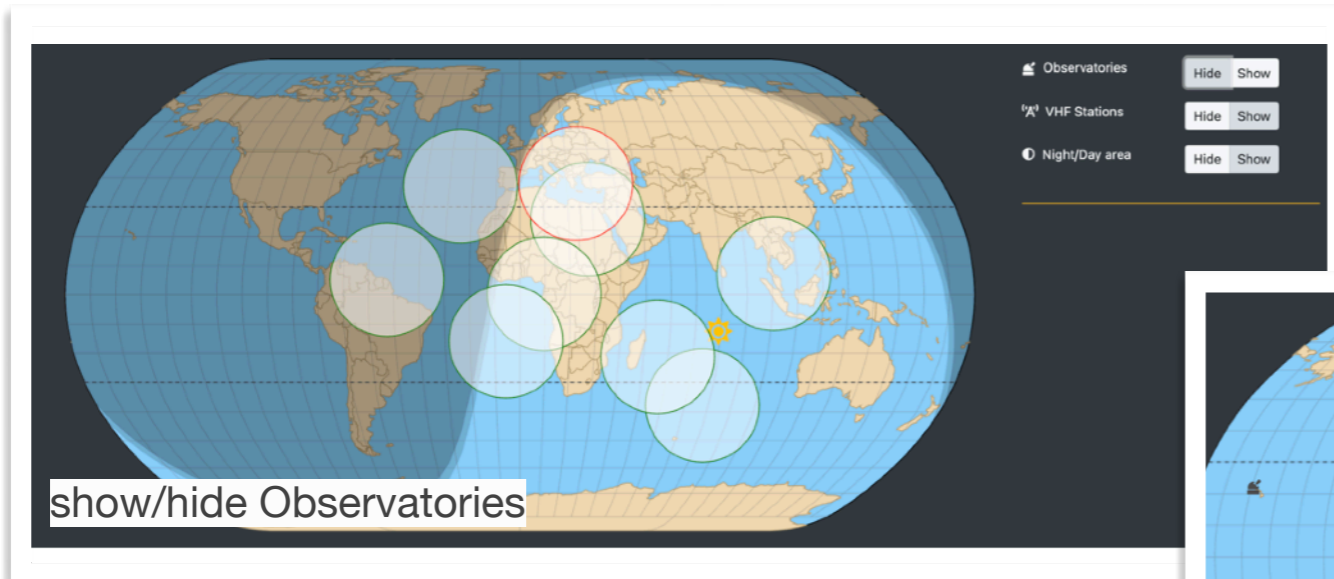**Mission Mode**

WORK IN PROGRESS

The BA can select an observatory, and get informations by mouse over on its position.

The BA can select a station, and get informations by mouse over on its position.

Name : SVOM – GWAC
Localisation : Xinglong, Chinese

Name : THA2
Localisation : Songhla
Status : ✓

SPACECRAFT OPTIONS

Mission Mode

WORK IN PROGRESS

The BA can also show or hide the several map visualisation options

show/hide Observatories

show/hide Night/Day area

show/hide Stations

RESPONSIVE APPLICATION

iFSC-Tools is a responsive application which be use on a laptop, phone or a tablet