



Towards enhancements for LRIT

CLS presentation

29/10/2014

10th LRIT NCA Meeting



Objective:

⇒ Facilitate your day-to-day use of the LRIT system, at or outside your office



- Displaying LRIT data (ships lists, reporting status, tracking, etc.), 2 options:

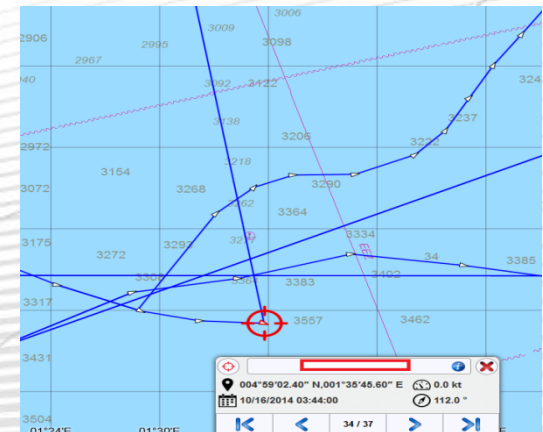
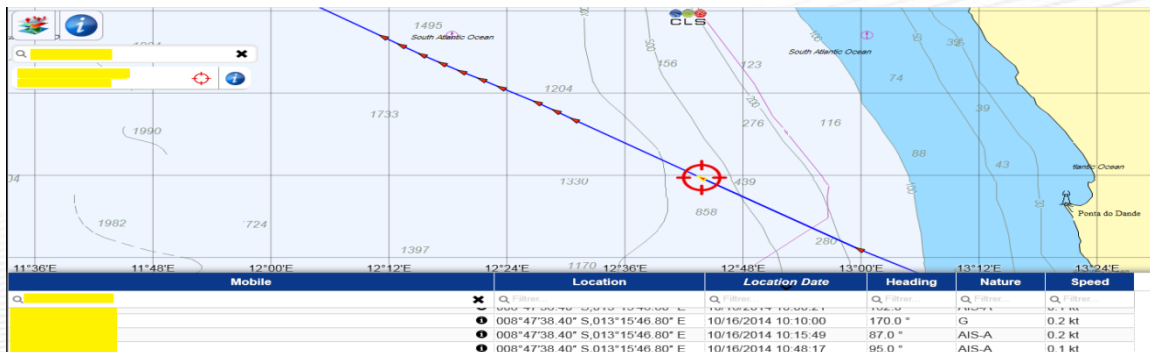
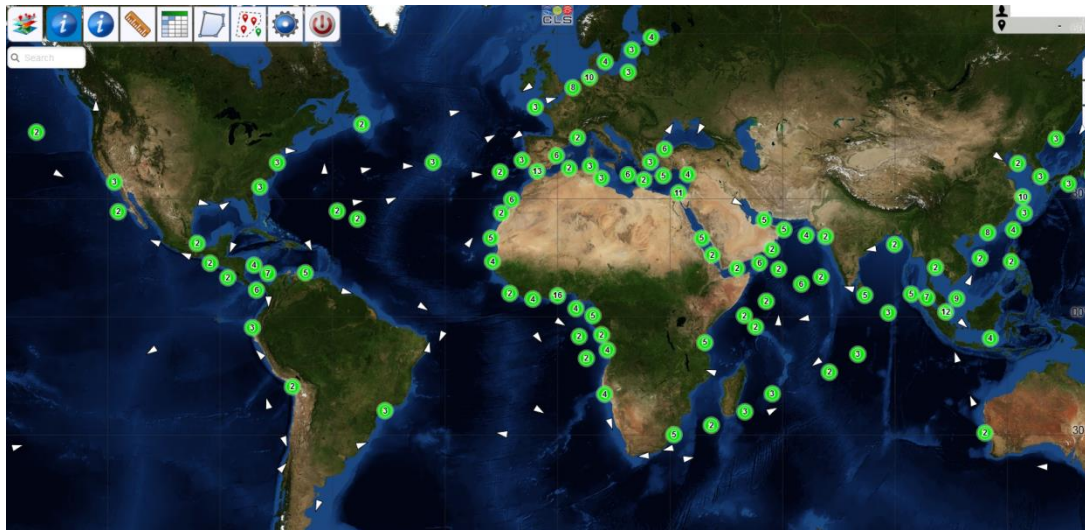
- ❑ **Online** via a URL using the Html5 technology (Unitified Map View or **UMV**)
- ❑ **Online/Offline** via **Mobile Apps** (LRIT App, LRIT PSC App) – Android only so far



Objective:

Facilitate and **optimize the display of positions** on an ergonomic platform

- ☐ User-friendly interface
- ☐ Html5 technology
- ☐ Multi-sources (LRIT, AIS...)
- ☐ Full screen map
- ☐ Clustering
- ☐ Display, export positions
- ☐ Compatible mobile devices



Objective:

A **simplified UWI** available on smartphone or tablet (Offline/Online data)

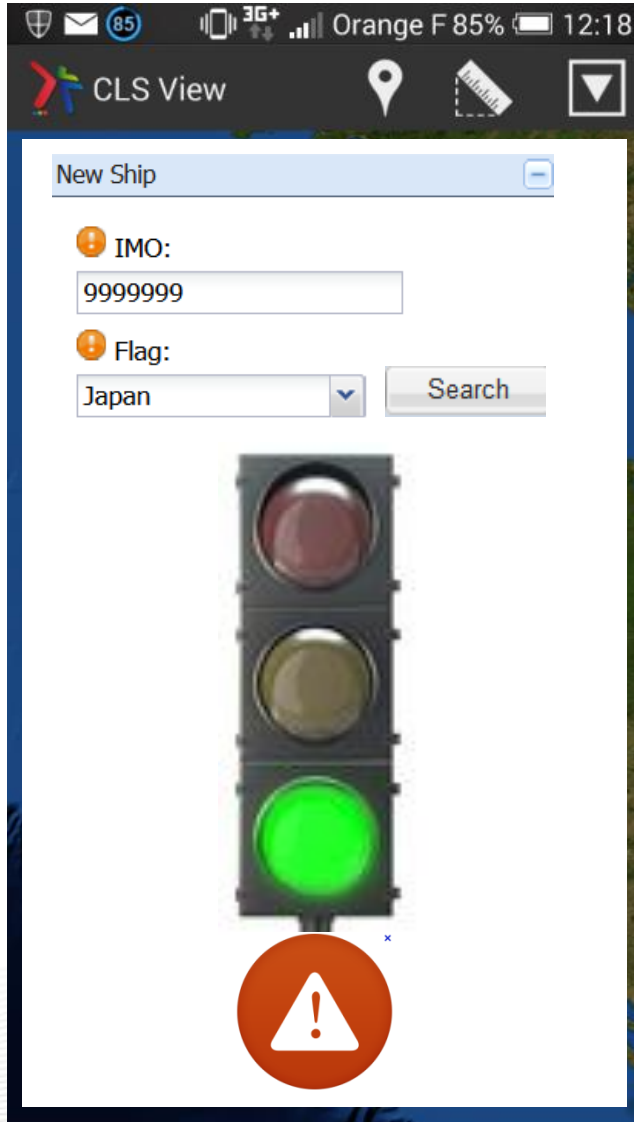


Tracking data

- **Display, export and save** positions according to several criteria (X last positions, X last days or between 2 dates) into the device;
- **Simultaneous display** up to 100 mobiles or 2,500 positions;
- **Alert** on Not reporting ships (**AAS**);
- Measure of distance and calculation of Mobile's Estimated Time of arrival (**ETA**);
- Positions regularly **purged** to keep the database light with a fast display;
- Map backgrounds **available when in airplane mode** or connected via other networks.



Estimated Time of Arrival



Objective:

Provide PSC officers with operational tools to request ships reporting status and cross-check with onboard CTR.

Principle:

- LRIT PSC App sends request for the **most recent position** to the DC the ship is registered in.
- LRIT PSC App does NOT provide the ship position but provides information related to the reporting status:
 - ❖ **Green**: the ship is reporting properly, eg position < X hours
 - ❖ **Orange**: the ship is under-reporting, eg X hours < position < Y hours
 - ❖ **Red**: the ship is not reporting properly, eg position > Z hours/days
 - ❖ **Warning** : Tooltip LRIT Message 7 (errors)