



*DON'T BE AFRAID OF  
THE UNKNOWN.....*

**IMDate**

and

**Integrated Maritime Services**

*IS NOW HERE TO HELP*

LRIT NCAs  
PRESENTATION

2010

- Output of the **Integration Working Group (IWG)**.
- Technical specifications, **tendering**, evaluation.
- **Build EMSA team** and **kick-off** the project.



2011

- Analysis of needs and **requirements, architecture, design**.
- **Prototyping** of key platform capabilities and selection of technologies.
- **Roadmap** agreed for modifying existing maritime applications.
- **Inter-unit/department WG** on **Integrated User Management**

2012

- **First pilot service** set-up with Fisheries Agency (EFCA) in April 2012.
- Major development activities and formal acceptance of first operational version.

2013

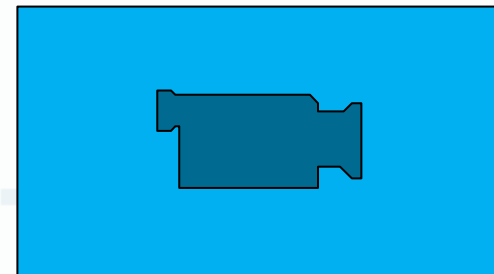
- **Go-Live** occurred on the **1<sup>st</sup> March 2013**. Initiated the pilot projects with EFCA, EUNAVFOR, MAOC-N, and 6 Member States.
- **Platform development to be completed** and formally accepted by EMSA.



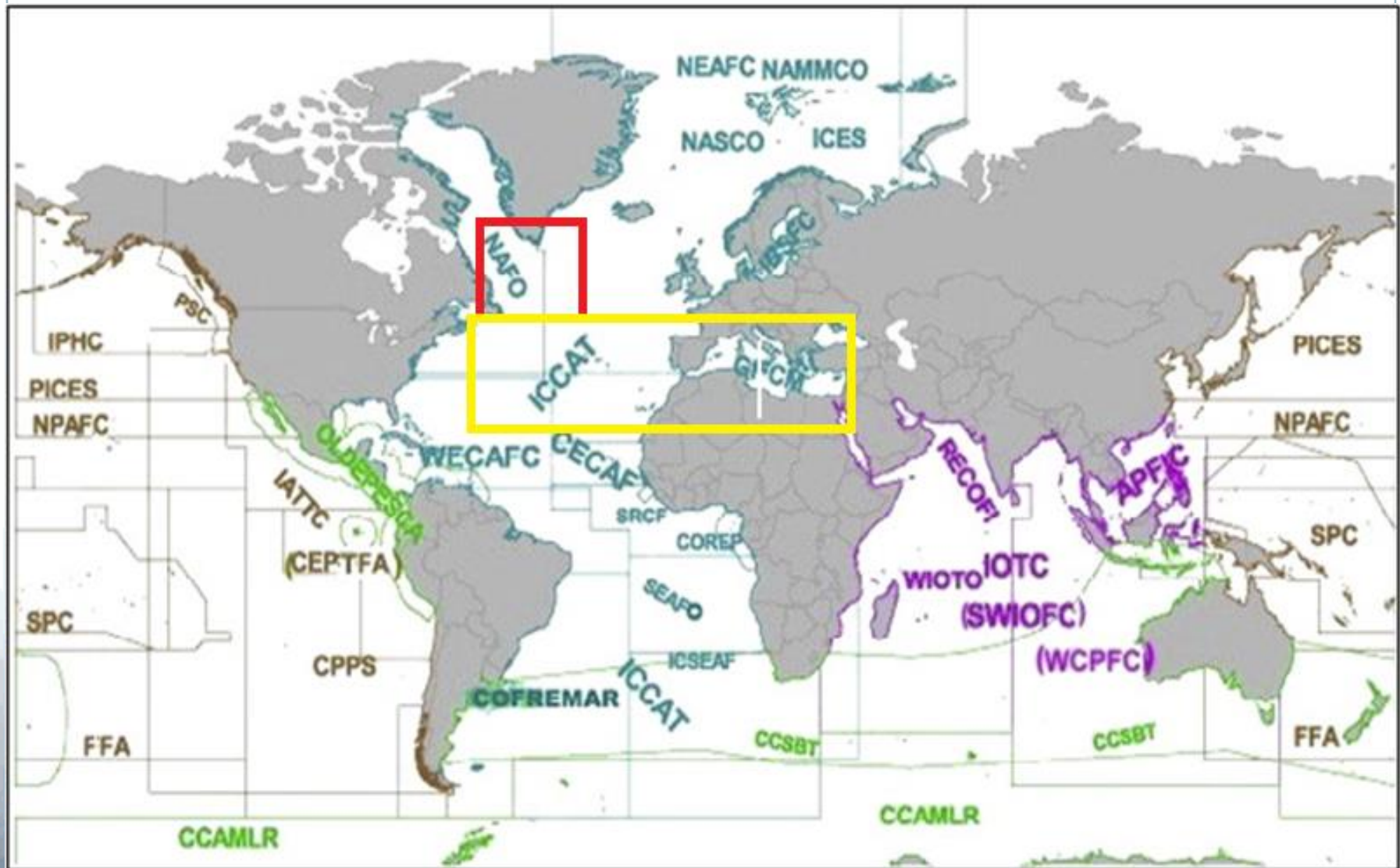
## EUNAVFOR & MSCHOA

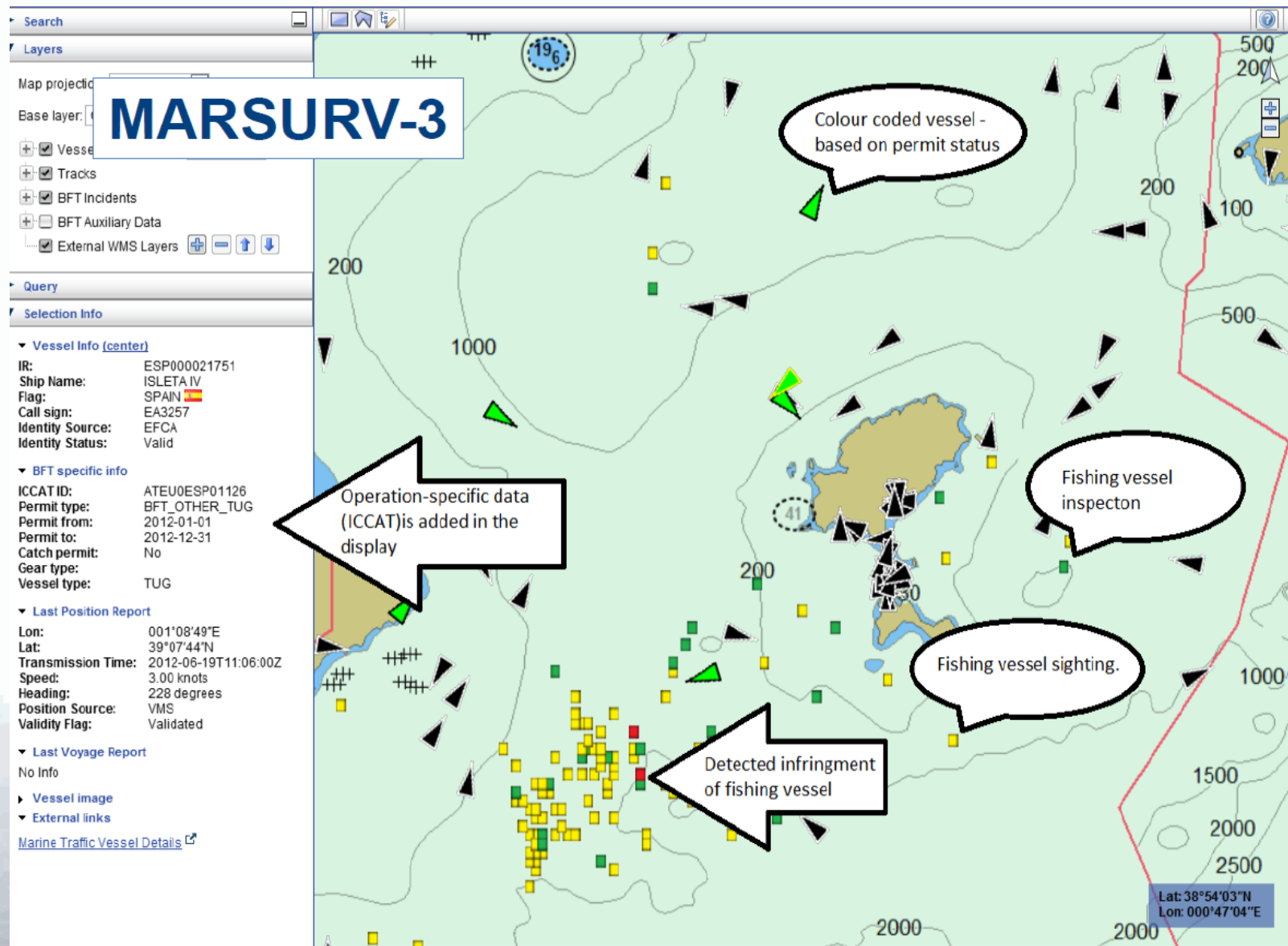


End 2008 the EU launched the European Union Naval Force (EU NAVFOR) Somalia – Operation Atalanta in response to the rising levels of piracy and armed robbery off the Horn of Africa and in the Western Indian Ocean

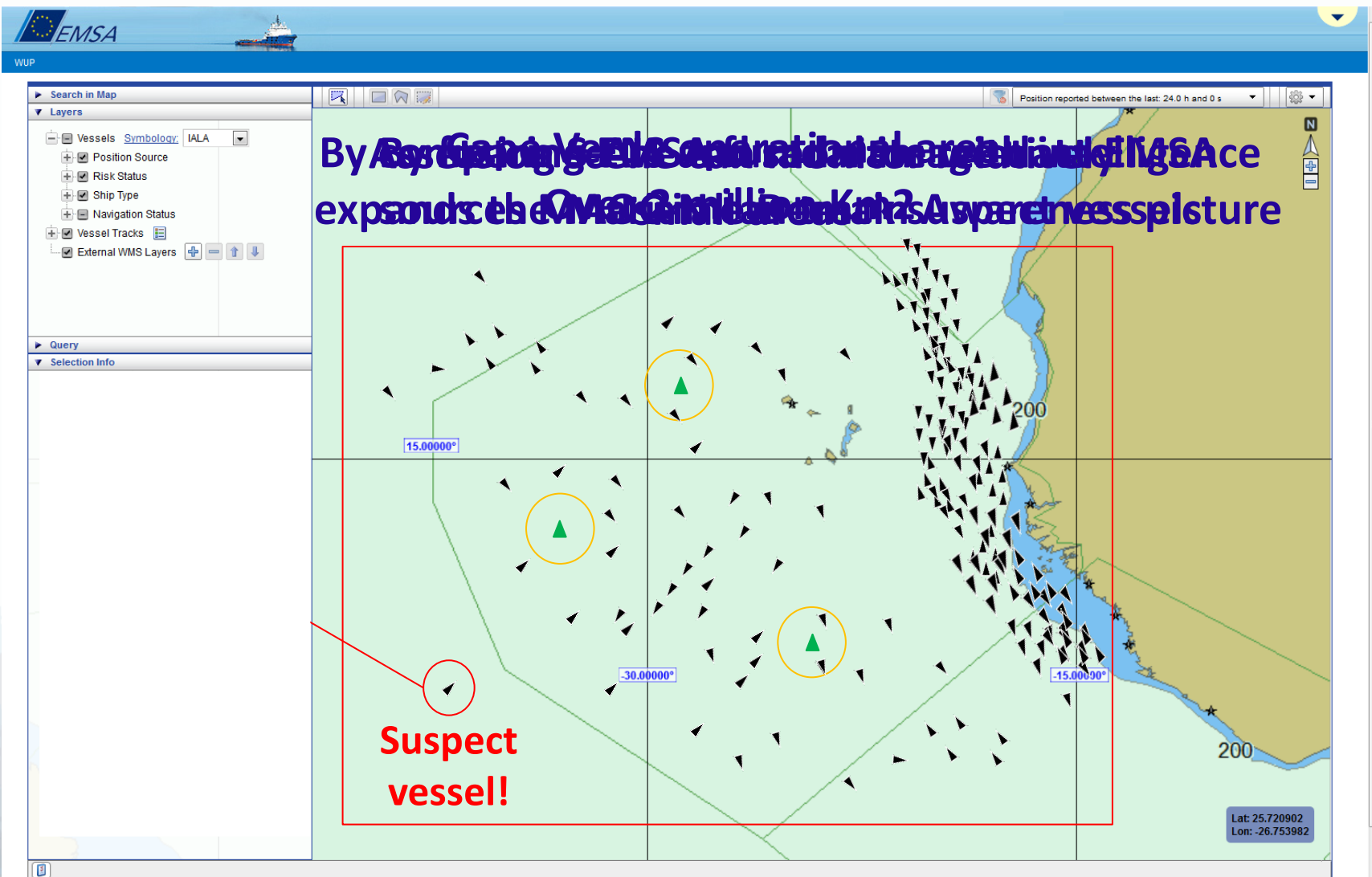


# Fishing and Campaign Areas





# EMSA Support to MAOC-N - IMDATE





## IMDatE and Member States Pilot Projects

- ❖ Six Member States have agreed to be part of the pre-operational demonstration phase until end 2013.

- ❖ Objective is to evaluate platform, provide test-bed for gradual roll-out of new functionalities, collect user requirements and deliver feedback to IMDatE user group.

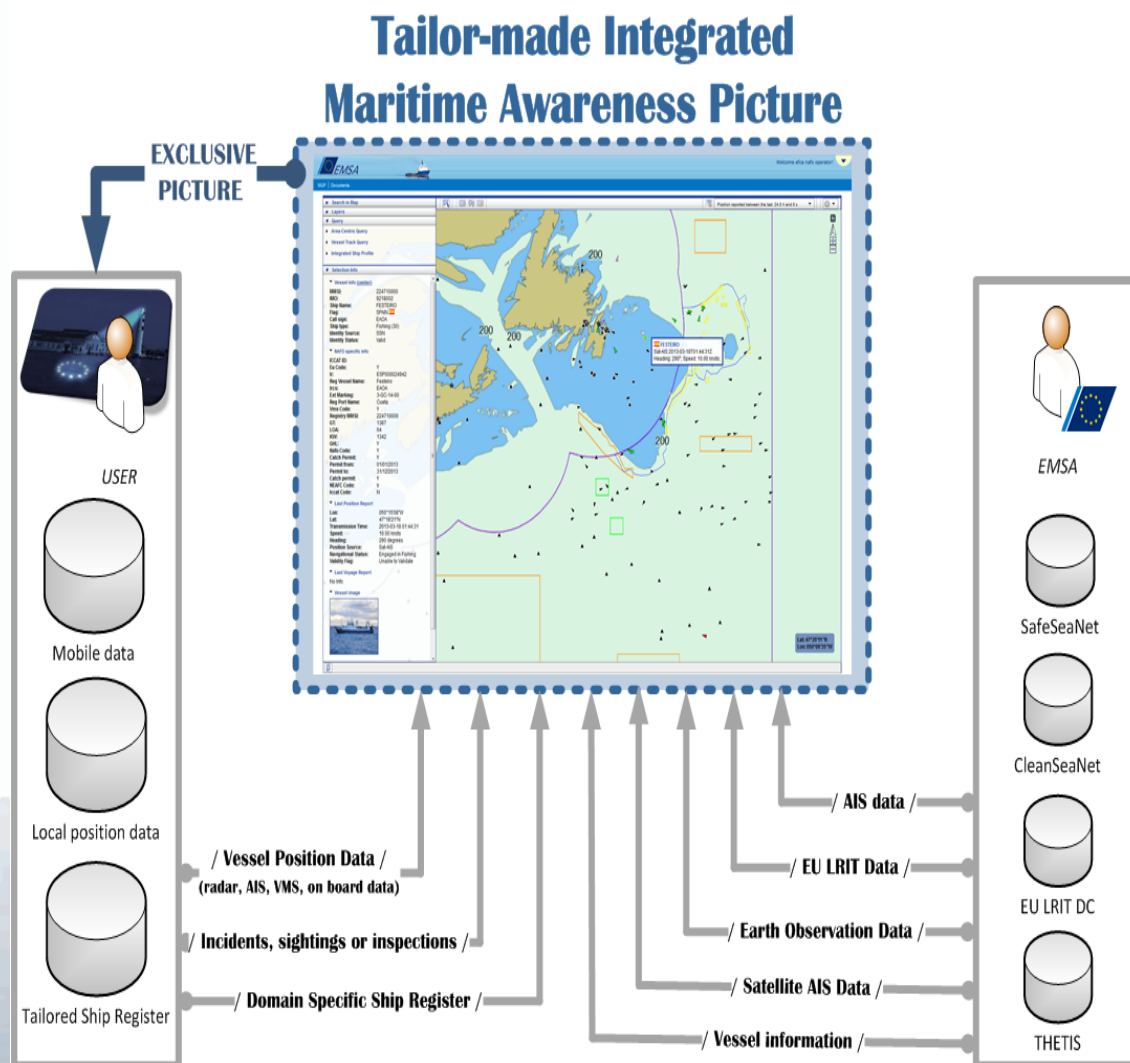
- ❖ ES, FR, IT, PT, NL, UK: ~30 users, 10 administrations with responsibilities in Traffic Monitoring, Search & Rescue, Fisheries, Environment and Law Enforcement.

- ❖ Start of Pilots: Beginning of April, 4 release version updates.



# 2013: roll-out of tailor-made IMDatE services:

- **EU Agencies**
  - EU NAVFOR
  - EFCA
  - FRONTEX
- **Volunteering MSs**
  - France,
  - Italy,
  - Netherlands,
  - Portugal,
  - Spain,
  - United Kingdom,
  - Greece - joining.





## **Embedding Integrated Maritime Data Environment (2014-2015)**

- **Becoming part of the VTMIS Directive, creating legal standing**
- **Tool for “Bottom-up” cooperation with other user communities: tailor-made maritime picture for increasing number of users**
- **Further developments, “improving user friendliness”: mobile version for Coast Guards**

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# Q & A

Objective: - to assess the complementarity and accuracy of the two systems

- The LRIT SAT-AIS study analysed data provided by the **EU LRIT Data Centre** and the SAT-AIS provider **LuxSpace**
- The study focussed on a list of 2300 ships registered to the EU LRIT DC, the majority of the ships were purposely selected as "Not Reporting" (1300)
- Worldwide tracking + targetted areas (North Sea, Arctic)

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Outcome:

- 14% improvement of the LRIT "Non reporting" ships
- 5% of ships are invisible to both LRIT and Sat-AIS
- 99,6% of concordance between Sat-AIS and LRIT positions
- reduced LRIT availability at high latitude (above 70°)
- reduced Sat-AIS availability in North Sea, Black Sea (W), Baltic (W), China Sea (S)