



# Overview of IMS MS Service

## IMS Group UCM#15

Yann Le Moan

Lisbon, 22.10.2020



| MS | users |
|----|-------|
| BE | 103   |
| BG | 38    |
| HR | 233   |
| CY | 18    |
| DK | 212   |
| EE | 35    |
| FI | 89    |
| FR | 444   |
| DE | 93    |
| GR | 150   |

**IMS from MSs  
4191 users**

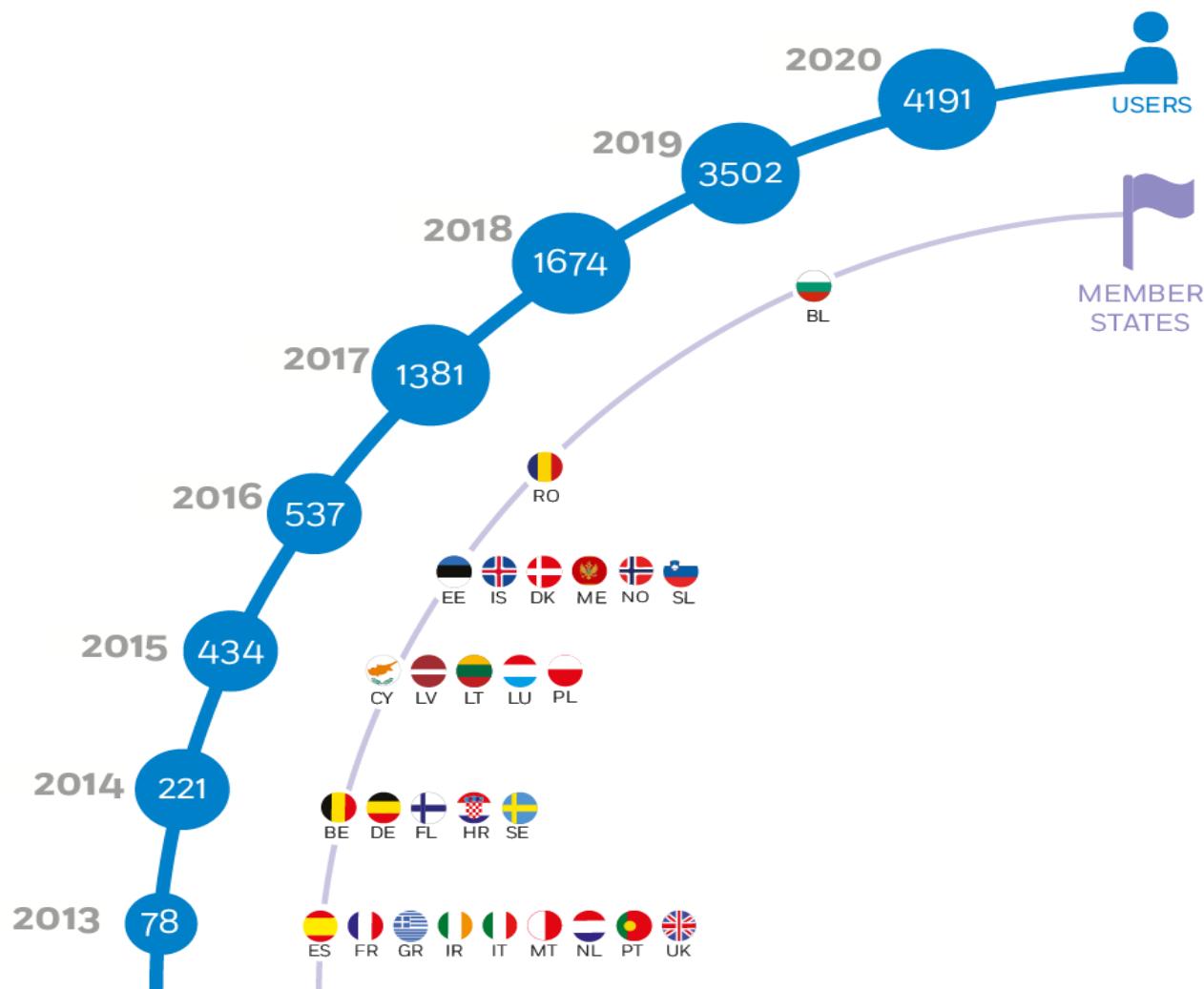
| MS | users |
|----|-------|
| IS | 87    |
| IE | 115   |
| IT | 742   |
| LV | 16    |
| LT | 12    |
| LU | 8     |
| MT | 99    |
| ME | 15    |
| NL | 226   |
| NO | 30    |

**Total  
organisations  
519**

| MS | users |
|----|-------|
| PL | 46    |
| PT | 196   |
| RO | 60    |
| SK | 2     |
| SI | 39    |
| ES | 178   |
| SE | 227   |
| UK | 675   |

**All IMS services users ≈6500**

# Evolution of IMS users and MS



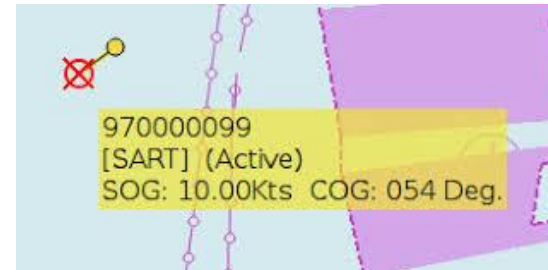
- ✓ ~**65%** of IMS service users are IMS (& SSN) Member States authorities
- ✓ ~ average **157** unique and active users per day in Sept 2020 (**max 189** for 1 day)
- ✓ Total **693** active unique users in **Sept 2020**.

# Developments...(1/2)

- **Approximate Distance Calculator**
  - Users to calculate the approximate distance travelled by a vessel within (and outside) a determined SECA area.
  - Planned for Q1 2021
- **Vessel data quality**
  - Upgrade of Central Ship Database (CSD) – new CSD to be developed (2020/2021)
  - Continuous update of vessels in operational vessel registry
- **Long Term Storage (see UCM 15.4.4)**
  - Pre operation phase 5 users per MS from end October 2020

# Developments...(2/2)

- Aids to Navigation (AtoNs), SAR Aircraft, SART
  - Display of new AIS position messages
  - Work pending...



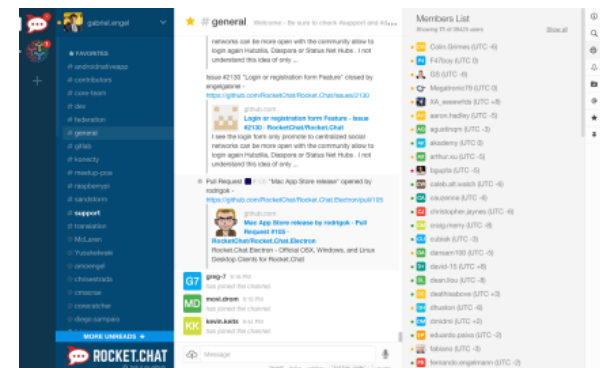
- Drift Modelling [Correspondence] Expert Group:



- ToR approved at UCM#13.
- Updated ToR see document UCM 15..5

- Collaborative Chat Tool

- Work pending...



# Actions IMS Group UCM#14

| Action Point     | Topic and Action   | Res p. | Status                     |
|------------------|--|--------|----------------------------|
| <b>UCM-14/01</b> | Member States to express interest in the validation of new ABM algorithms and data analytics scenarios | MS     | Done                       |
| <b>UCM-14/02</b> | Member States to express interest for participating to the beta-testing phase of the LTS project.      | MS     | Done                       |
| <b>UCM-14/03</b> | EMSA to put RNA in contact with CISE team at EMSA.   | EMSA   | Done                       |
| <b>UCM-14/04</b> | EMSA to distribute full STAR STREAMING documentation to IMS Member States.                             | EMSA   | Done                       |
| <b>UCM-14/05</b> | Poland and EMSA to bilaterally discuss on timing of SSN SI to STAR STREAMING transition plan.          | EMSA   | Pending                    |
| <b>UCM-14/06</b> | EMSA to reflect work of ABM and Data Analytics WG in the relevant Coast Guard forums.                  | EMSA   | Ongoing                    |
| <b>UCM-14/07</b> | EMSA to update the IMS training material available on the EMSA web page.                               | EMSA   | Ongoing - done for Mob App |

| Action Point     | Topic and Action  | Resp. | Status                                       |
|------------------|---|-------|--|
| <b>UCM-14/08</b> | EMSA to communicate via email to IMS PoC and NA when new training material is published.                                | EMSA  | Ongoing                                      |
| <b>UCM-14/09</b> | EMSA to organise a train the trainer session(s) at EMSA in 2020.  | EMSA  | Pending                                      |
| <b>UCM-14/10</b> | EMSA to diversify IMS training material to reflect customised trainer profiles (basic, advanced and train-the-trainer). | EMSA  | work on going for the new e-learning modules |
| <b>UCM-14/11</b> | EMSA to publish IMS Frequently Asked Questions (FAQ).   | EMSA  | Pending                                      |



| Action Point     | Topic and Action   | Resp.                 | Status  |
|------------------|--|-----------------------|---------|
| <b>UCM-13/01</b> | EMSA, Germany and other interested Member States to resume discussion on implementation of the Sulphur Emissions Information Tool. | EMSA, DE and other MS | Pending |
| <b>UCM-13/04</b> | EMSA to initiate work of the IMS Correspondence Expert Group on Drift Modelling.   | EMSA                  | Pending |
| <b>UCM-13/05</b> | EMSA to address vessel registry (CSD and OVR) data quality.  | EMSA                  | Ongoing |
| <b>UCM-13/08</b> | EMSA to inform IMS Group Member State representatives on development of the SAR training course.                                   | EMSA                  | Ongoing |

| Action Point     | Topic and Action   | Resp.     | Status   |
|------------------|--|-----------|----------|
| <b>UCM-08/06</b> | Draft and distribute glossary document clarifying all terminologies and definitions used throughout the SSN, LRIT and IMS services.                    | EMSA      | Pending  |
| <b>UCM-09/08</b> | France and EMSA to discuss use case and assess feasibility for S2S distribution of data to FR regional port systems.                                   | FR & EMSA | Pending  |
| <b>UCM-09/10</b> | France and EMSA to analyse feasibility of integrating COSPAS-SARSAT data within IMS.   | FR & EMSA | Pending  |
| <b>UCM-10/02</b> | EMSA to include access to Sentinel-1 and Sentinel-3 EO imagery historical archive in SEG.  | EMSA      | On-going |
| <b>UCM-10/14</b> | EMSA to coordinate with volunteers Member States the drafting of use cases scenario for the displaying of vessels certificate information via IMS SEG. | EMSA & MS | Pending  |

# Discussion on IVEF in IMS

- Do you have experience in using Inter-VTS Exchange Format (see IALA Recommendation V-145)?
  - Use cases?
  - How it is implemented?
- Do you foresee a need for having IVEF (or other) in IMS?
  - Potential use case:
    - To feed ABM with more data (e.g. radar) to increase the precision/accuracy for certain ABMs
    - Improvement of situational awareness at sea



 [twitter.com/emsa\\_lisbon](https://twitter.com/emsa_lisbon)  
 [facebook.com/emsa.lisbon](https://facebook.com/emsa.lisbon)

 **EMSA**  
European Maritime Safety Agency