

9.2.1 – Update on IMS MS service

Users and service evolution

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Lisbon, 18.05.2017

Total users > 1300

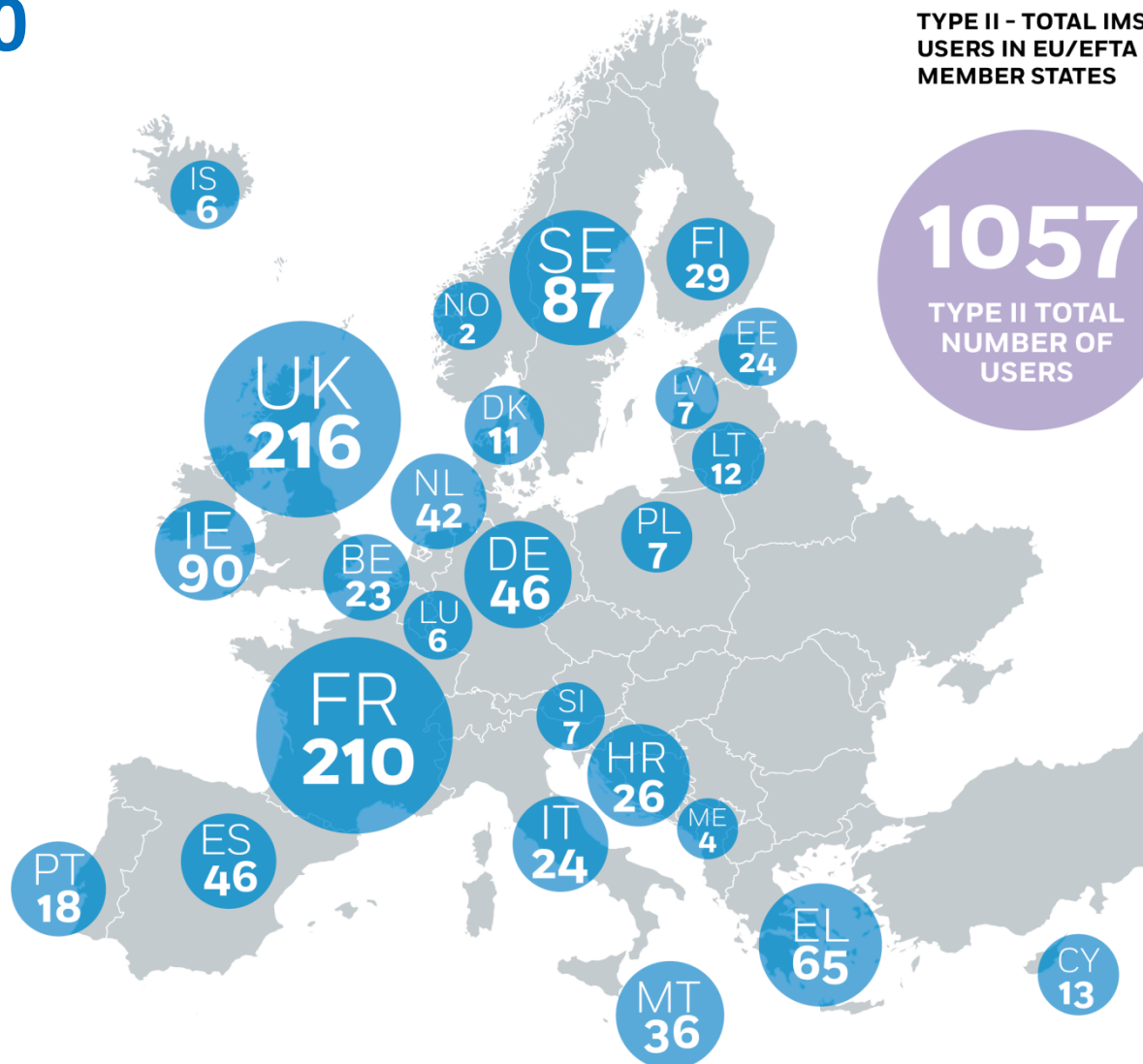
TYPE I - INSTITUTIONS/EU BODIES

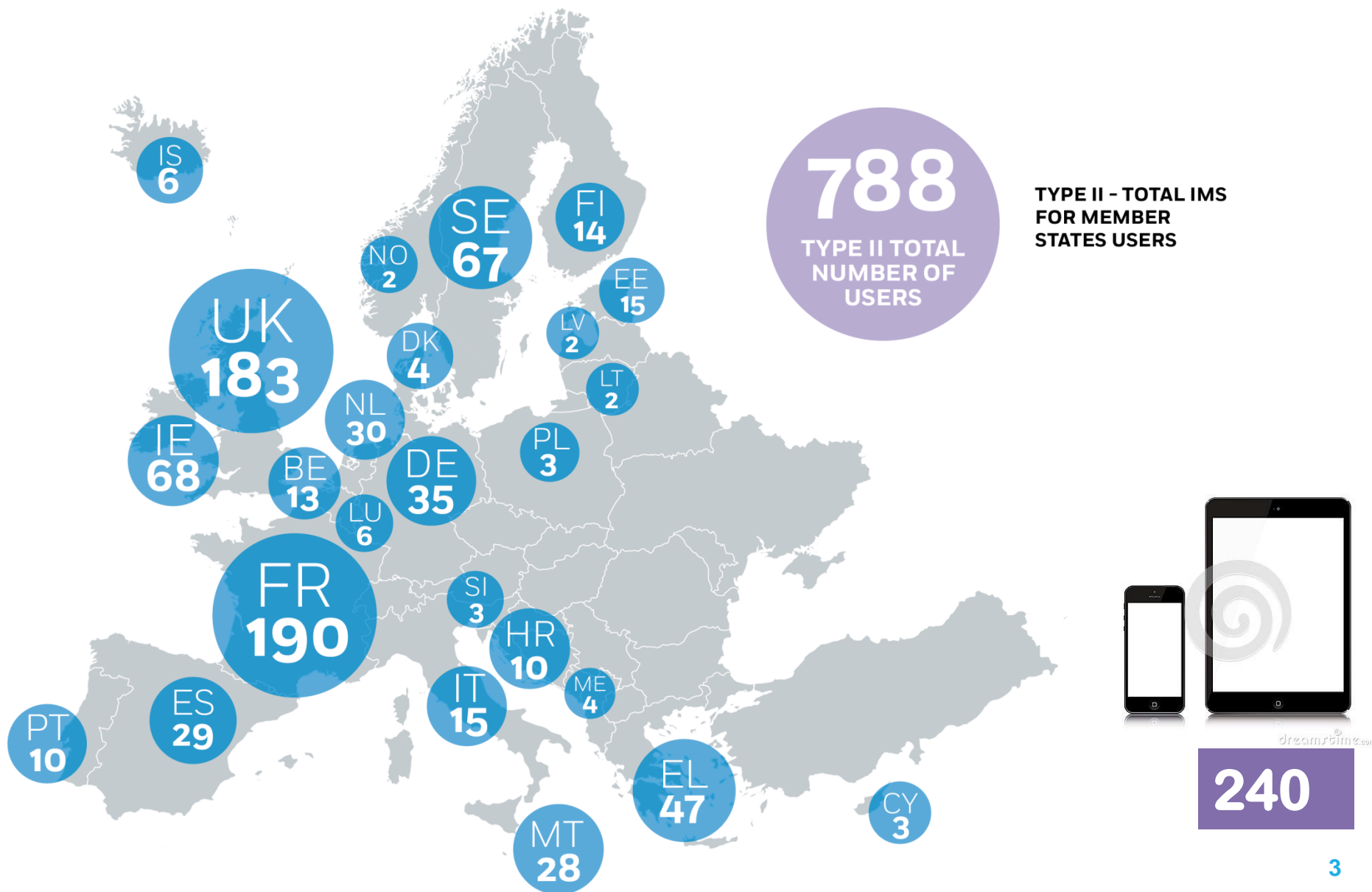
272 TOTAL NUMBER OF USERS
DISTRIBUTED AMONG

EFCA	60
MAOC-N	16
DG MOVE	1
OLAF	26
EU NAVFOR	15
DG MARE	31
FRONTEX	9
EMSA	112
COPERNICUS	2

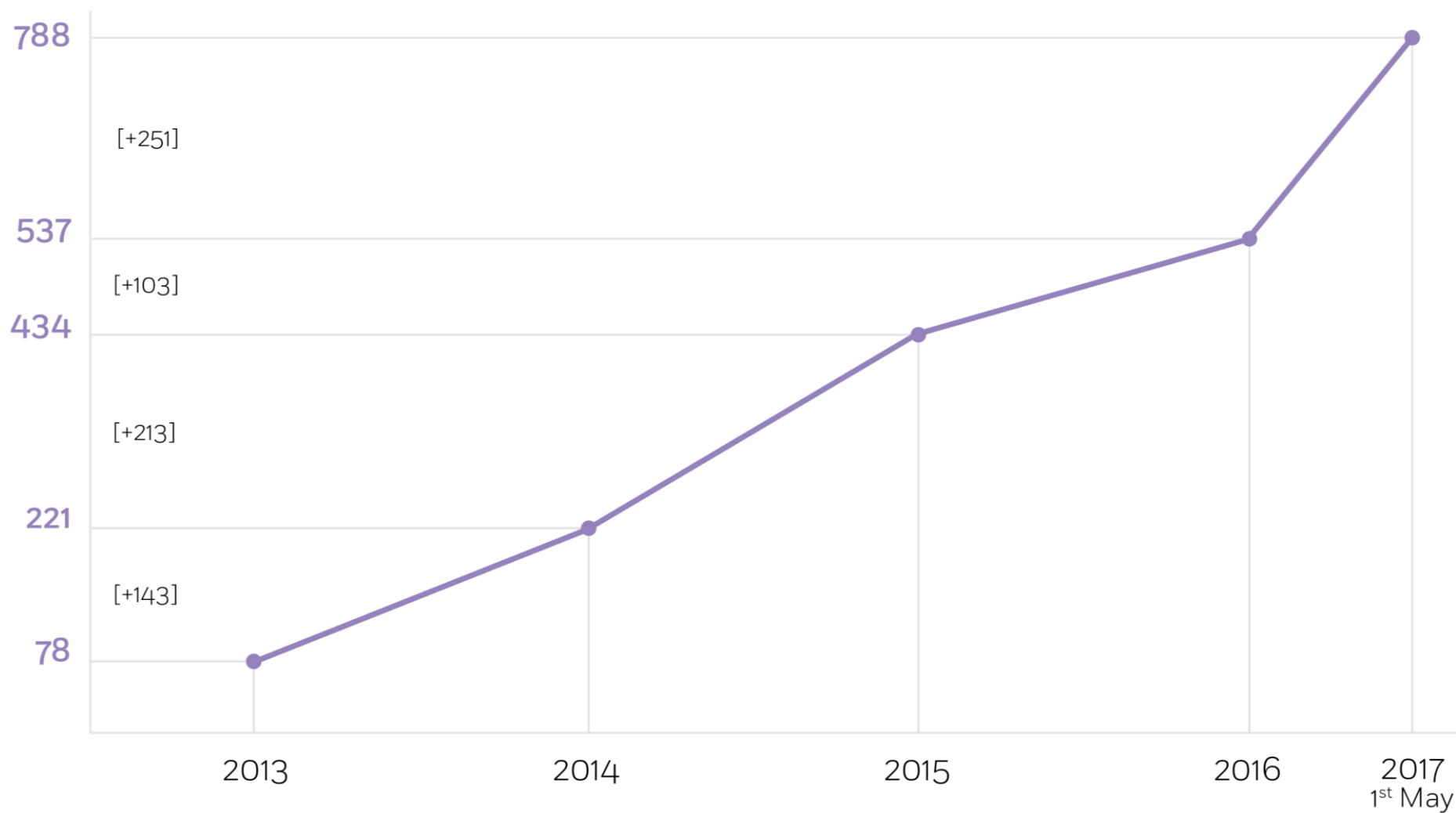
TYPE II - TOTAL IMS
USERS IN EU/EFTA
MEMBER STATES

1057
TYPE II TOTAL
NUMBER OF
USERS





Evolution of IMS for Member State users



Evolution of IMS Member States

25

**TOTAL OF MS INVOLVED
IN IMS OVER 5 YEARS**

2017

 Montenegro



2016

 Denmark

 Estonia

 Norway

 Slovenia



2015

 Latvia

 Lithuania


 Luxembourg

 Poland

 Cyprus



2014

 Belgium

 Croatia

 Finland

 Germany

 Sweden



2013

 France

 Greece

 Ireland

 Italy

 Malta

 Netherlands

 Portugal

 Spain

 United Kingdom

9.2.2 – Update on IMS MS service

Functionalities and data

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Lisbon, 18.05.2017

- **What has changed?**
 - Updates
 - New elements
- **What do you want to change in IMS?**
- **ABM functionalities**
 - Updates
 - Specific issues

T-AIS, S-AIS, LRIT, VMS – displayed in a new interface

Enhanced SARSURPIC includes the VMS data

Copernicus Security Services (EO)

EO – new display aspects in the Graphical Interface – 6 days window

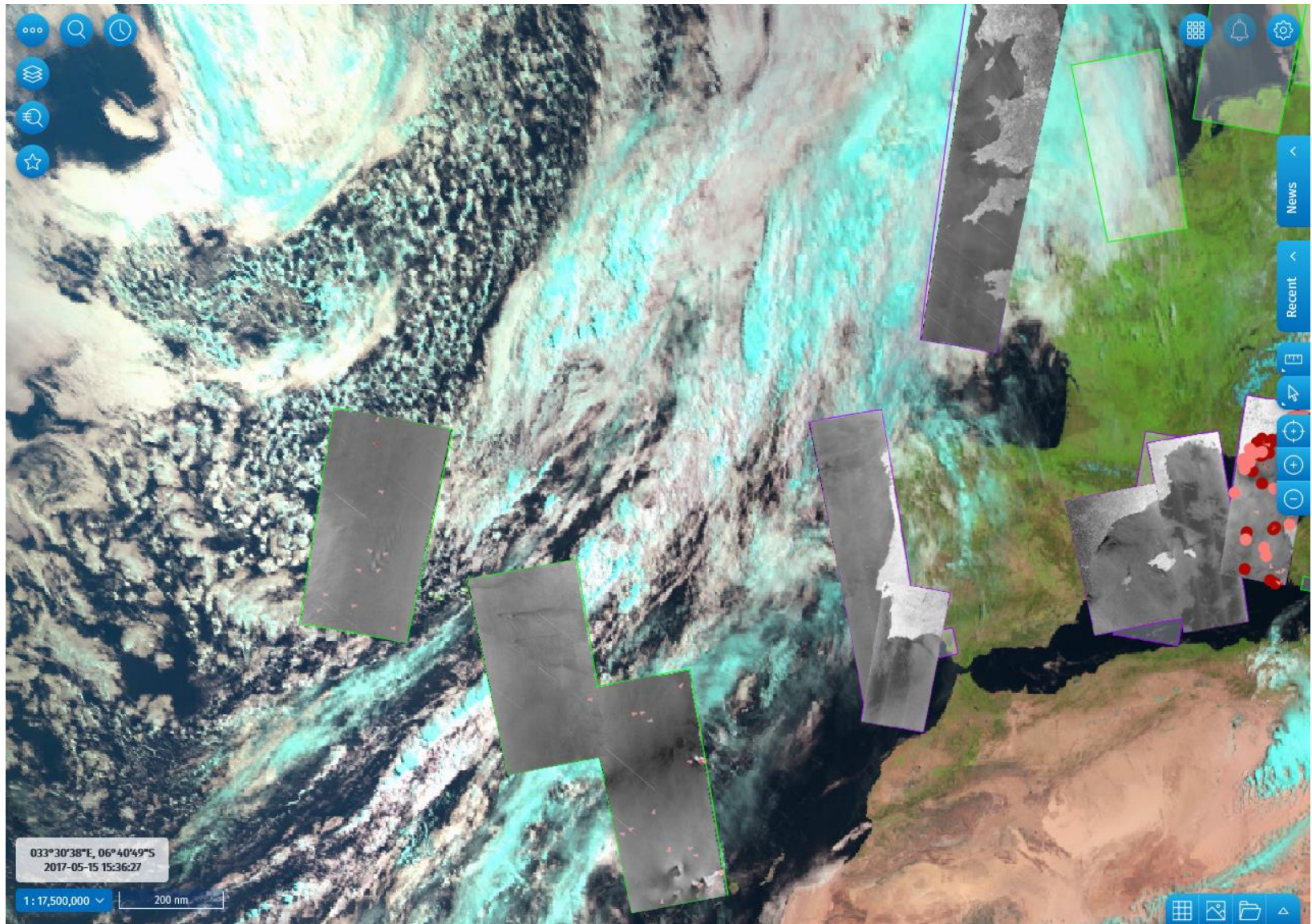
EO Sentinel 2 – access to full catalogue of acquired optical images

Met- Ocean data – Remote sensing + Forecast data from the CMEMS – Copernicus Marine Environment Monitoring Service and EUMETSAT service

AIS shore-based stations – data provided and displayed (UK only)

New ABM algorithms and related functions are available

E.g. New data sets in the Graphical Interface



Details of the SSN notifications

Member States authorities performing functional roles in the maritime domain, in line with IFCD.

AIS - Aids to Navigation (AtoNs) SAR Aircraft, SART

Once the relevant back-end services are implemented (project name STAR - during 2017).

S-AIS - Validity/Invalidity Check of an AIS message, Doppler validation

Once the relevant services are available

Ice charts - ice concentration, ice thickness and associated symbols for the Baltic Sea

Based on CMEMS - technical discussion on the implementation is on-going.

Sulphur emissions information - display of ships exceeding a defined SO₂ (sulphur) emission threshold

Technical discussions on the implementation are on-going with Germany in the context of the RPAS services.

New ABM algorithms – available in the current version of IMS

- Vessel leaves Area of interest X and enters Area of Interest Y
- Vessel reports position outside an Area X
- Vessel is switching off transponder
- Port of Departure is X
- Port of Arrival is X
- Vessel is probably drifting
- Vessel departs from coastline
- Vessel heads towards coastline
- Change of position
- Frequency of vessels' position reports lower than expected
- Frequency of vessels' position reports higher than expected

+

New alerting policy, detailed checks, negative selection criteria

+

Related issues: old alerts, e-mail notification option, LOCODE reference for some ABMs, OVR improvements , ABM WS3 planning

9.2.3 – Update on IMS MS service

Status Actions UCM#8

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Action Point	Description	Status
UCM-8/01	Draft and distribute Automated Behaviour Monitoring (ABM) guidelines document	Done
UCM-8/02	Draft and distribute document providing a medium term perspective for the implementation of new IMS related developments	Done for ABMs
UCM-8/03	EMSA to liaise with the MS holding ships certificates in its national system and to update the IMS group on the outcomes at the next IMS group meeting	Done Preliminary outcomes will be presented by Finland further discussion during parallel sessions

Action Points from IMS UCM#8

Action Point	Description	Status
UCM-8/04	EMSA to investigate further the possibility of holding digitalised plans	See document IMS 9.6 GA Plans – preliminary status will be given by BE + further discussion during parallel sessions SAR plan –SAR Coop plan guidelines under review at IMO
UCM-8/05	EMSA, in cooperation with the interested MSs, to draft the “chat box” requirements and implement it as an IMS specific functionality. Update to be provided during the next IMS Group meeting	Open To be further discussed during the parallel sessions.
UCM-8/06	Draft and distribute glossary document clarifying all terminologies and definitions used throughout the SSN, LRIT and IMS services	Open



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European Maritime Safety Agency