

# Introduction to the SafeSeaNet Ecosystem GUI

Training for SSN/LRIT NCA's

Lisbon / 16 May 2017



Time	Agenda Item
08:45 – 09:00	Registration
09:00 – 09:15	Welcome
09:15 – 10:30	<p>Introduction to the SEG and Mobile App</p> <ul style="list-style-type: none"> <li>■ Background &amp; legal basis – What is the SEG?</li> <li>■ Data permissions &amp; Design principles</li> <li>    Live Demo</li> <li>■ General layout (clustering, elements of the interface, icons, navigation, tour of main features and functions)</li> <li>■ Smart search</li> </ul>
10:30 – 10:45	Coffee
10:45 – 12:30	<p>Main features and functions - Exercises</p> <ul style="list-style-type: none"> <li>■ Customise your preferences</li> <li>■ Layer management</li> <li>■ TTT panel (Table, Thumbnails and Timeline)</li> <li>■ Command and info</li> <li>■ Alerts, Apps</li> <li>■ SSN enrichment                             <ul style="list-style-type: none"> <li>○ Voyage, pre-arrival, HAZMAT, waste, security information</li> <li>○ Organisations (STMID)</li> <li>○ Incident reports</li> <li>○ Exemptions</li> <li>○ MRS</li> </ul> </li> </ul>
12:30 – 14:00	Lunch break
14:00 – 15:15	<p>Main features and functions (cont.)</p> <ul style="list-style-type: none"> <li>■ Queries: Vessel Track Query, ISP, Area Centric Query,</li> <li>■ Presentation: ABM's, LRIT Request and Poll, Enhanced SAR SURPIC</li> </ul>
15:15 – 15:30	Coffee break
15:30 – 16:15	<ul style="list-style-type: none"> <li>■ Scenarios</li> </ul>
16:15 – 16:30	<ul style="list-style-type: none"> <li>■ Demo of the Mobile App</li> <li>■ Review and wrap-up and next training (Train-the-Trainer)</li> </ul>
16:30	End of session

- **Welcome and safety information**
- **Tour-de-Table**
- **Introduction to SafeSeaNet Ecosystem GUI**
  - Background and legal basis - What is the SEG?
  - Data permissions and design principles
  - Live Demo: General layout (clustering, elements of the interface, icons, navigation, tour of main features and functions)
- **Exercises**
- **Presentation on LRIT Request and Poll, SAR SURPIC, ABM's**
- **Scenarios (TBC)**
- **Demo of the IMS App**

## Background and legal basis

- **Directive 2002/59/EC. EU law** sets up the vessel traffic monitoring and information exchange system
- **Scope:** To enhance maritime safety, port and maritime security, environmental protection and pollution preparedness. Permits the exchange and sharing of additional information facilitating efficient maritime traffic and transport.
- Links all national SafeSeaNet systems to the Central SafeSeaNet

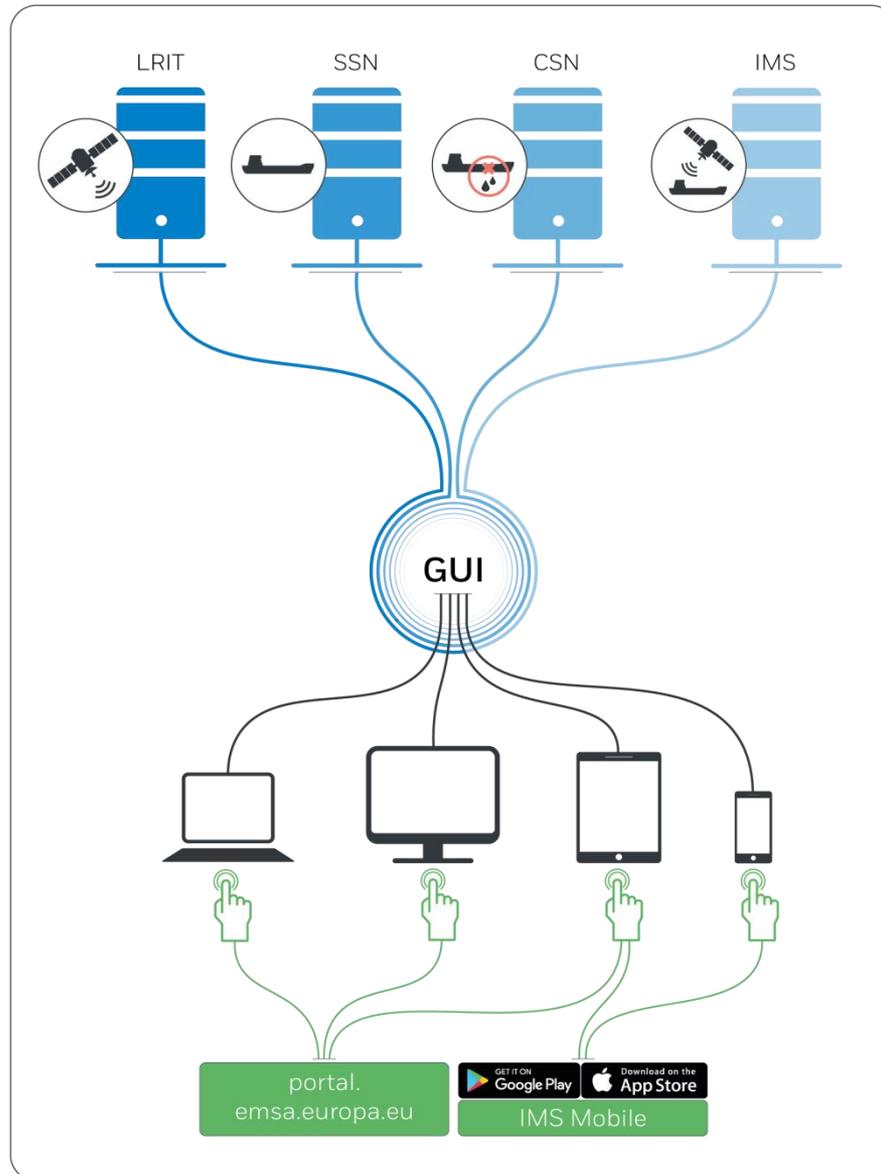
## Background and legal basis

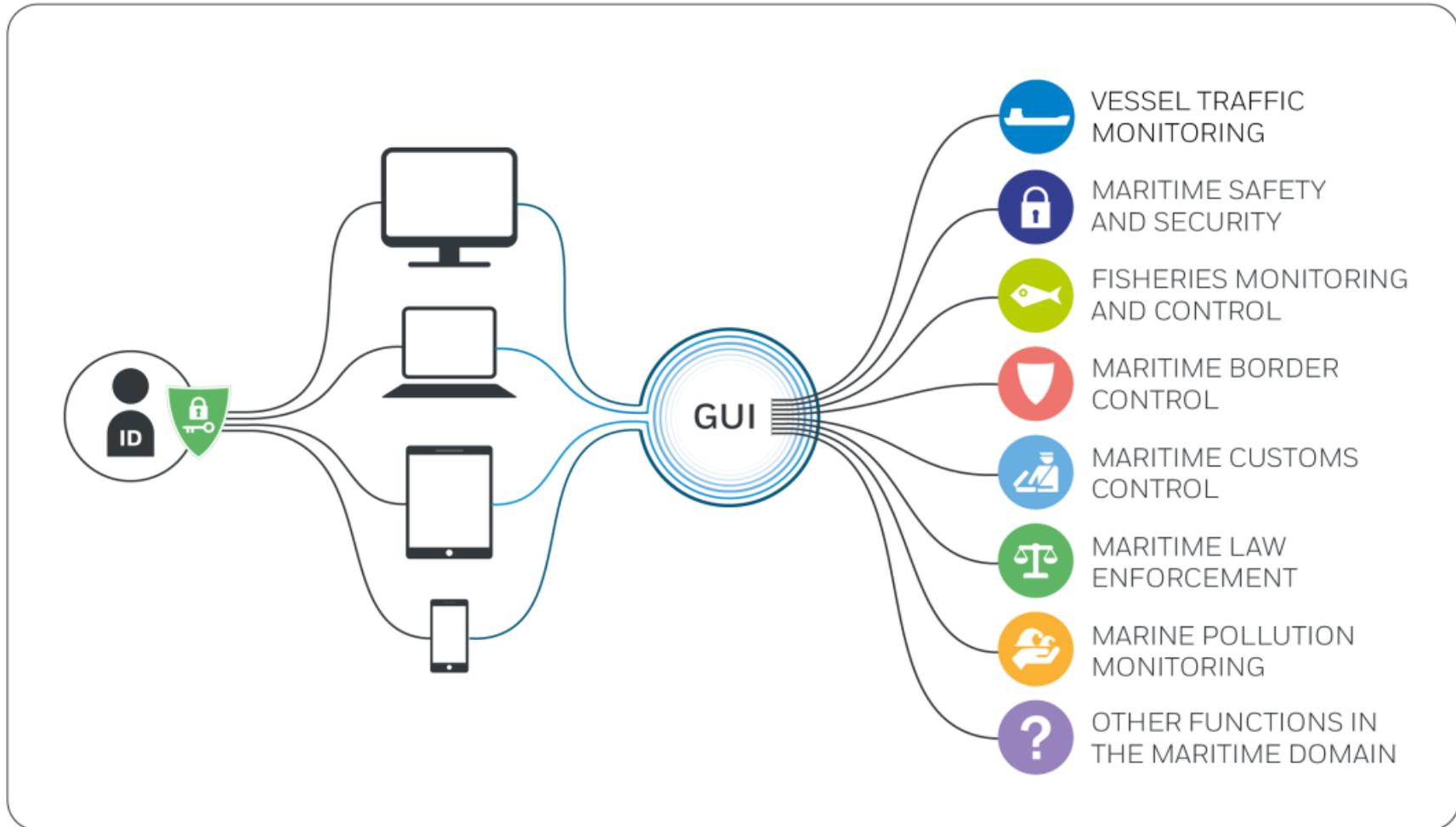
- **Amended by Directive 2014/100/EU:** allows for the information gathered and exchanged in SSN to be integrated with data from the EU's other monitoring and tracking system and from external systems.
- **Annex III VTMIS Directive:** the Union Maritime Information and Exchange System
- **Scope:** To improve situational awareness in the maritime domain and to provide tailor made solutions to authorities.

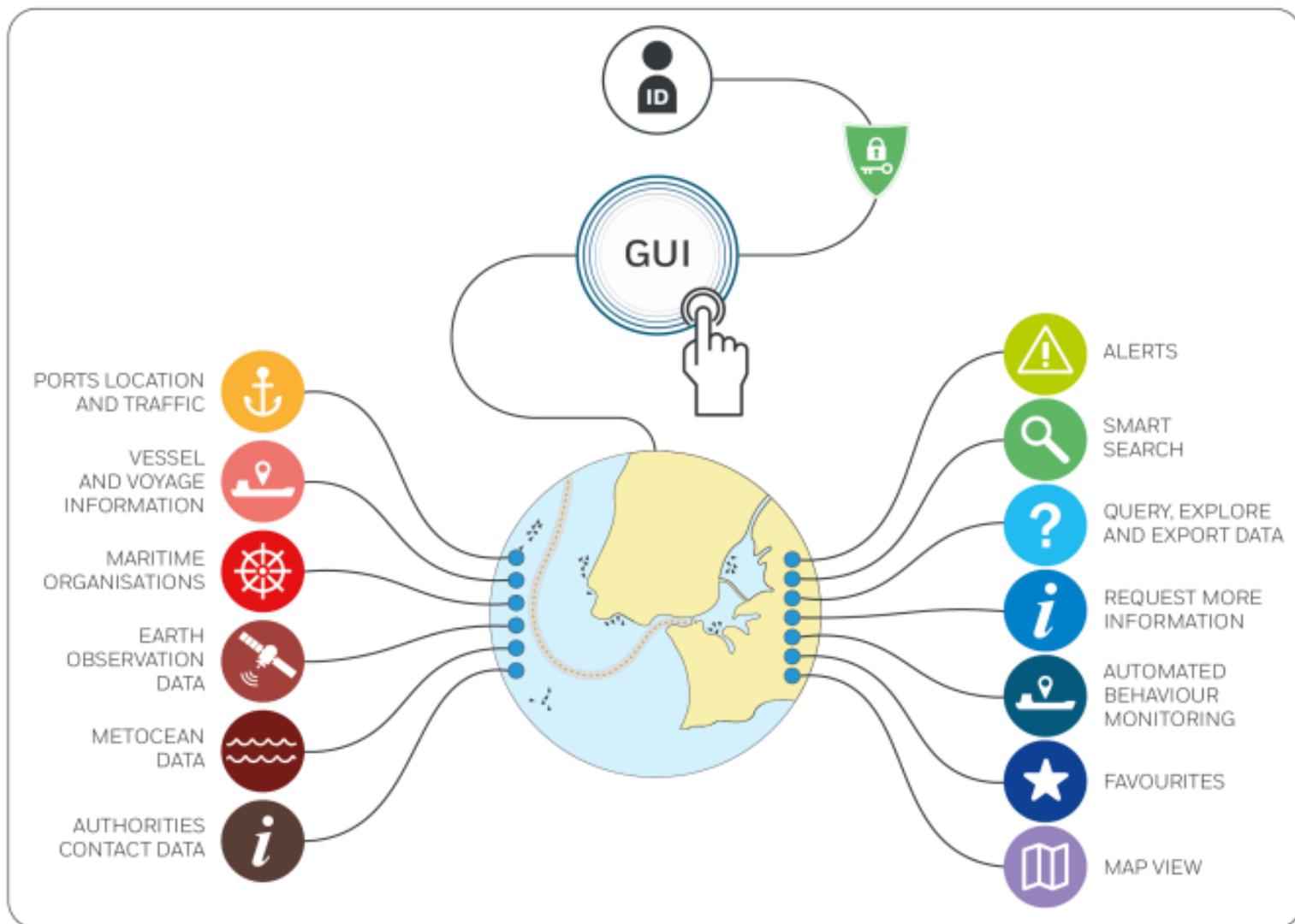
## What is the SEG?

- New single Graphical User Interface that will replace
  - Integrated Maritime Services Web User Portal (WUP)
  - SafeSeaNet Graphical Interface (GI)
  - LRIT User Web Interface (UWI)
  - CleanSeaNet GIS Viewer
- Provisionally named SEG (SafeSeaNet Ecosystem GUI), this common user interface will serve diverse maritime functions and cover the needs of different user domains.

# New Common Graphical User Interface







## Access to the SEG

- Access to the SEG is provided via the EMSA Maritime Application Portal
- <https://portal.emsa.europa.eu>
- Username/password has NOT changed



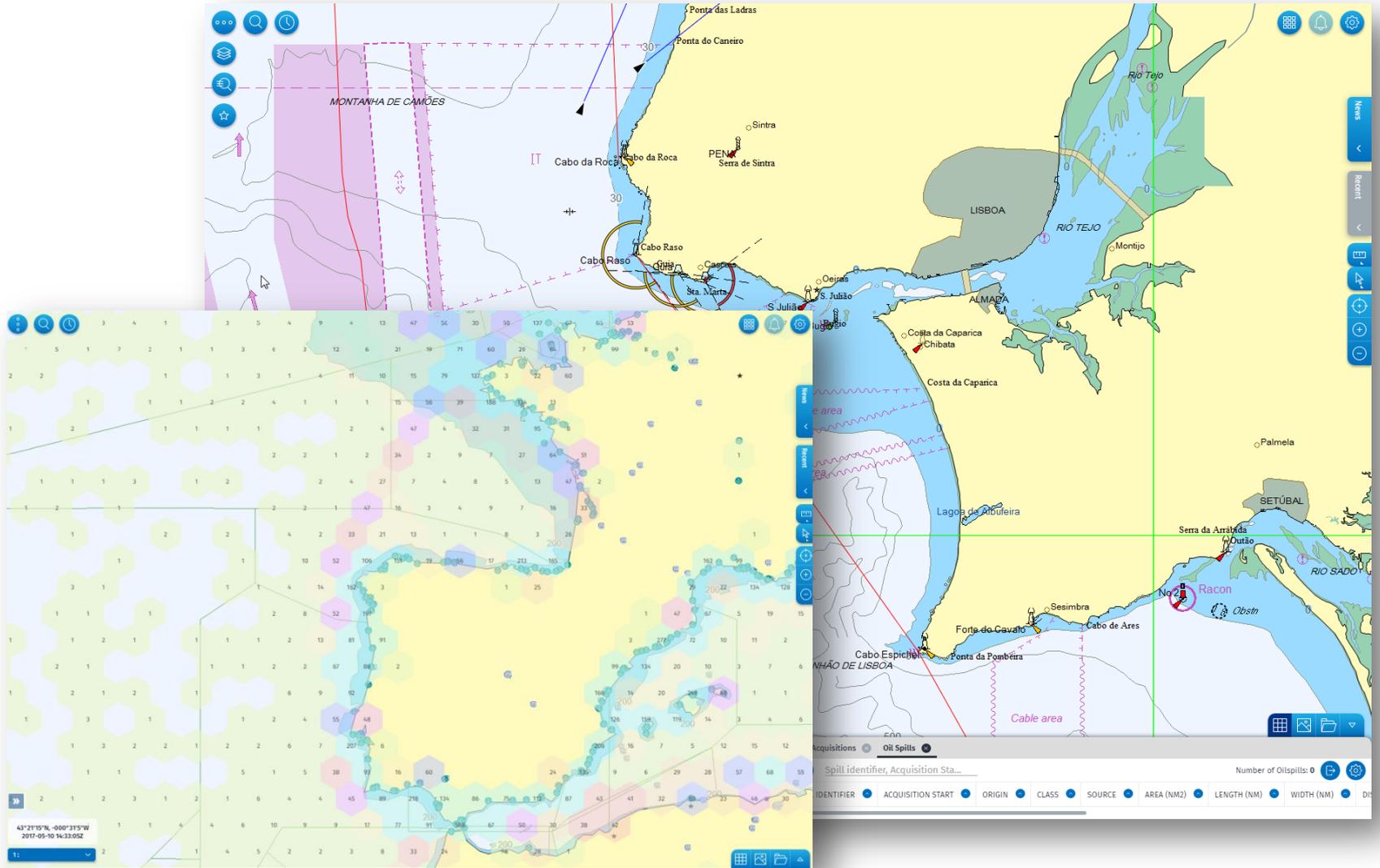
## Access rights

- Maritime information is made available in accordance with the individual users' data access rights and permissions settings.
- All existing access data rights policies are maintained.
- Positions data shown are coming from EU Members States who accepted to share their data with other EU MSs.

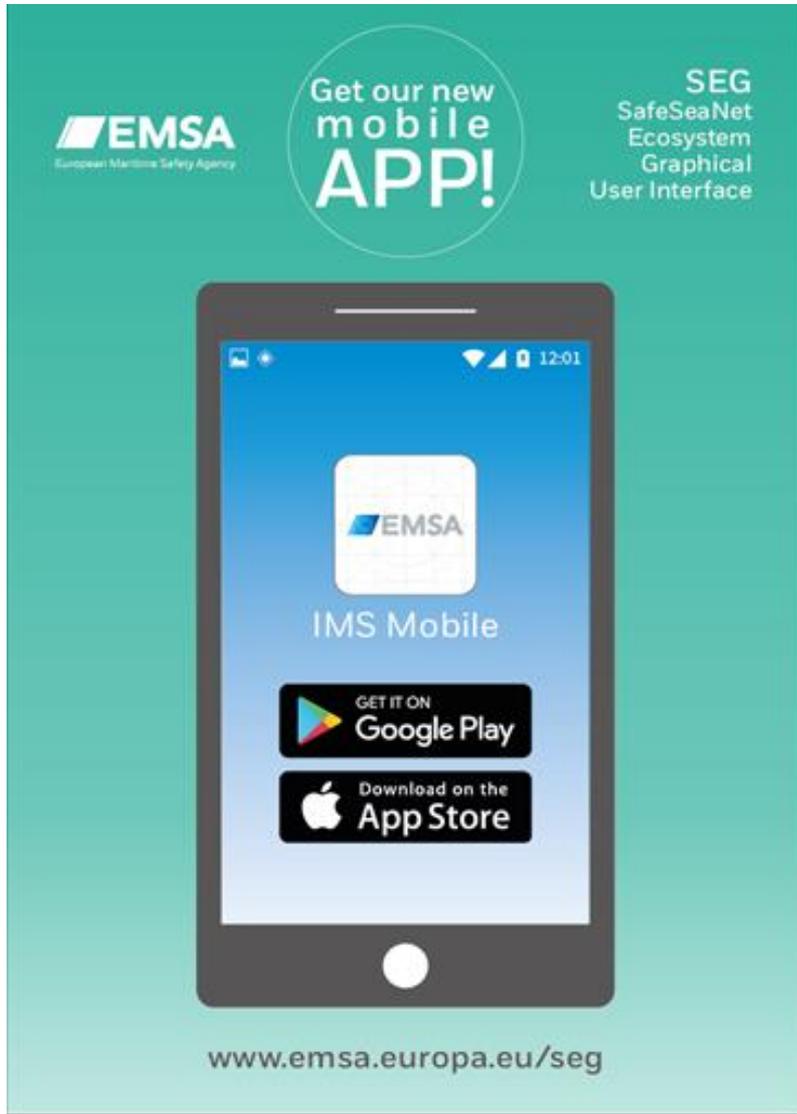
## GUI and IMS App

- Simple map centred layout
- Functions are easy to find and to use
- Enabled for mobile and touch screen devices  
(No right mouse click available)

# SEG - Map Centred



# IMS App – simplified GUI



EMSA  
European Maritime Safety Agency

Get our new mobile **APP!**

SEG  
SafeSeaNet  
Ecosystem  
Graphical  
User Interface

12:01

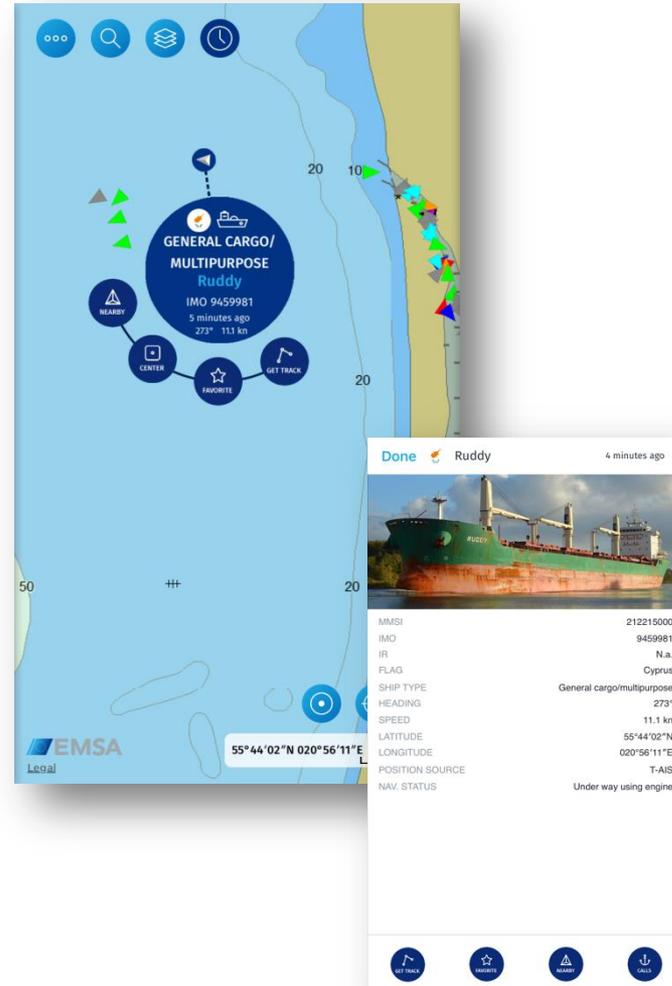
EMSA

IMS Mobile

GET IT ON  
Google Play

Download on the  
App Store

[www.emsa.europa.eu/seg](http://www.emsa.europa.eu/seg)



Map interface showing a ship track and details for the vessel Ruddy.

GENERAL CARGO/  
MULTIPURPOSE  
Ruddy  
IMO 9459981  
5 minutes ago  
273° 11.1 kn

Done Ruddy 4 minutes ago

MMSI	212215000
IMO	9459981
IR	N.a.
FLAG	Cyprus
SHIP TYPE	General cargo/multipurpose
HEADING	273°
SPEED	11.1 kn
LATITUDE	55°44'02"N
LONGITUDE	020°56'11"E
POSITION SOURCE	T-AIS
NAV. STATUS	Under way using engine

## SEG Initial Operations Phase

- SEG v1.1 is live and has been provided to a number of voluntary IMS and SSN users
- Aim of the Initial Operations Phase, is to offer to a few users within Member States and EU Bodies an opportunity to validate the new user interface before opening it gradually to all users.

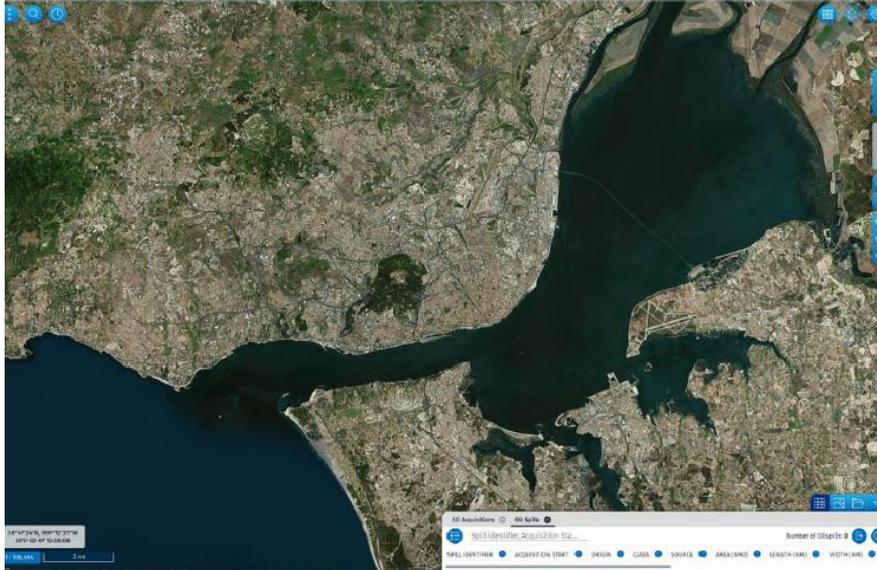
## SEG Initial Operations Phase

- All existing GUI's remain accessible to all users.
- The decision on their de-commissioning will be taken in consultation with the relevant stakeholder Groups (SSN/LRIT/IMS and CSN).
- Final decommissioning foreseen end of Q1 2018

## SEG Initial Operations Phase

- EMSA will gradually grant access to users
- Access can be granted sooner if required by users

European Maritime Safety Agency



## SafeSeaNet Ecosystem GUI

Quick Start Guide (v0.2)

Date: 5 April 2017

- Follow 'show-tell-do-review' approach
- Trainers are available to help you
- Do not hesitate to ask questions
- Use the documents provided

## Features

Vessel position & detail information

Advanced vessel search

Time slider

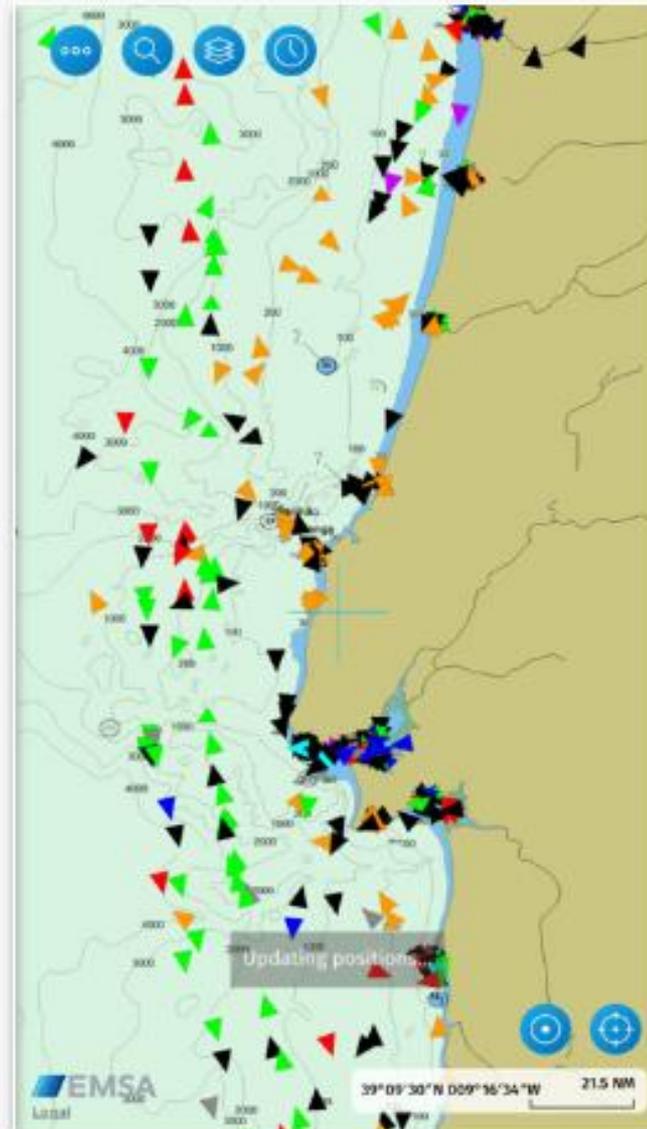
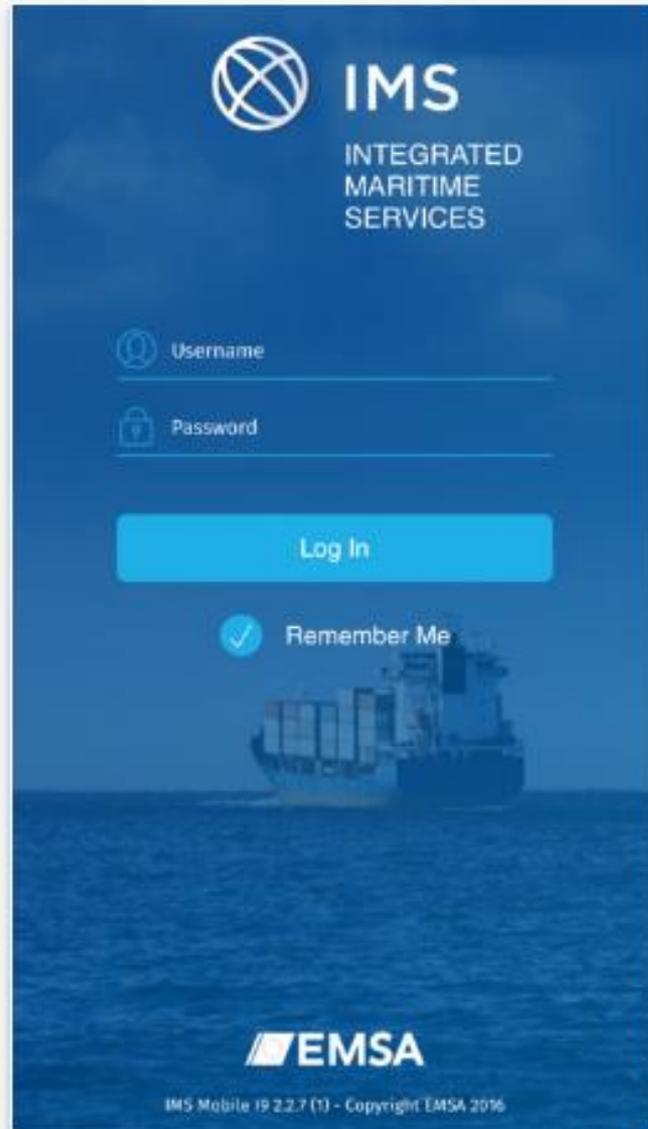
Area centric query

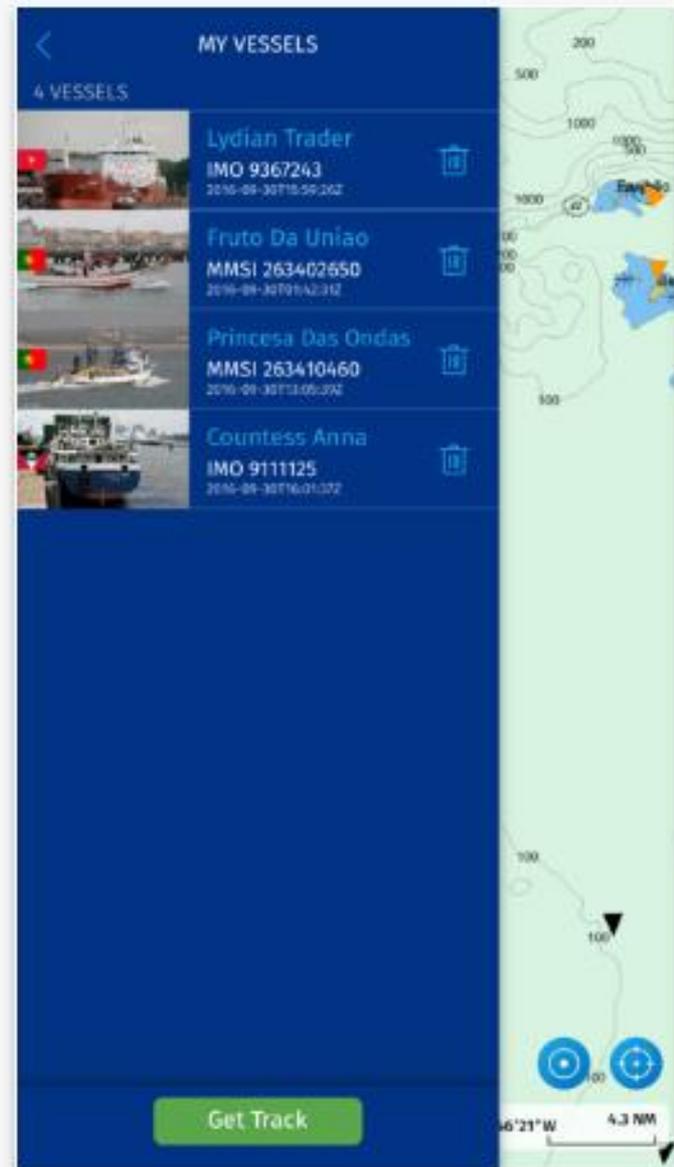
Incident reporting

Oil spill monitoring and feedback

Background map using Electronic Nautical Charts (C-Map)

Offline features







**Thank you for your attention**

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