Update on SEG & IMS Mobile App
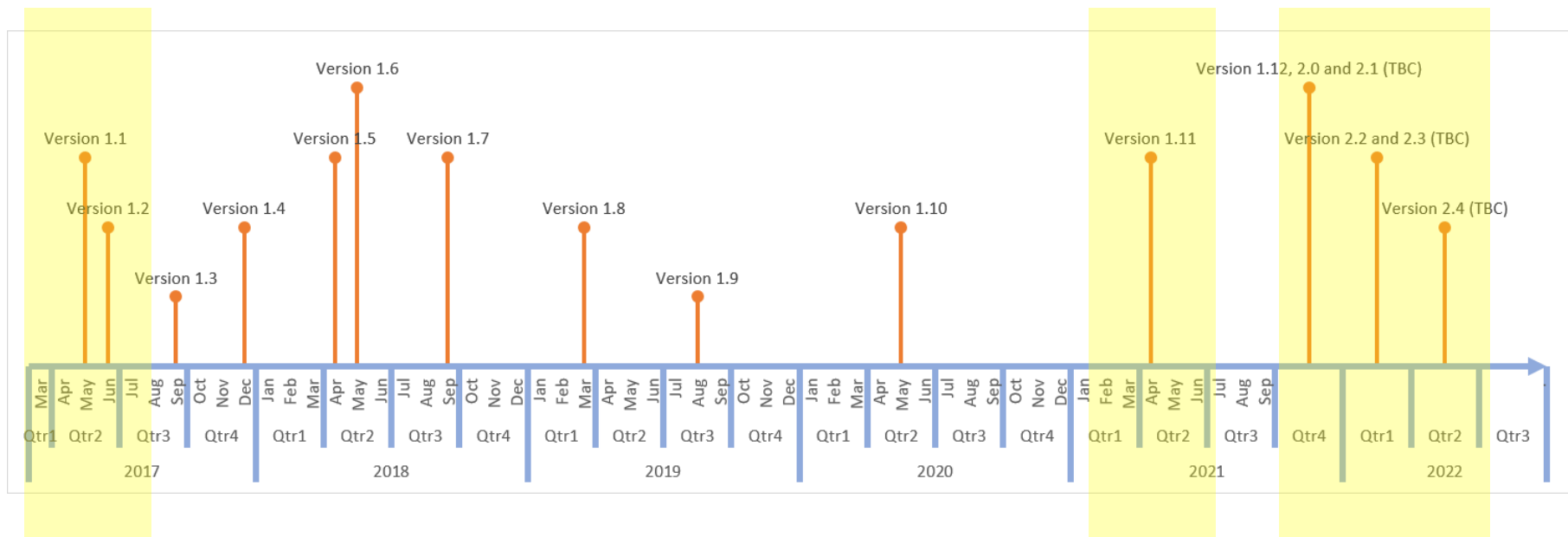
IMS UCM 17.3

Rui Miguel SEQUEIRA

Maritime Digital Services
Digital Services and Simplification
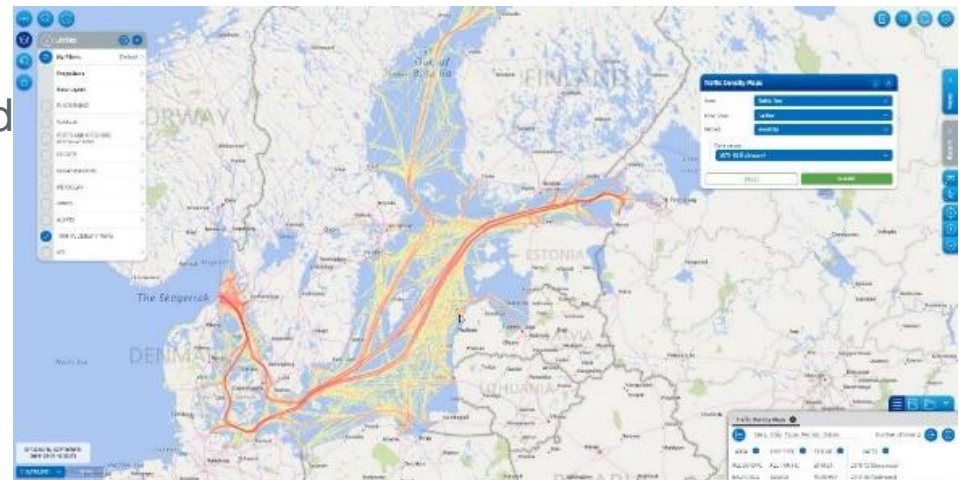
Lisbon, 21.10.2021

EMSA

SEG Version History

- In July 2017 SafeSeaNet Ecosystem GUI (SEG) has been made available to all IMS for Member State users, but the initial version – v1.1, was deployed in production 3 months before (April 2017)

- Current version – v.1.11, was deployed in April 2021, and currently 3 new deployments are scheduled until mid-2022

SEG Version 1.11 (current)

EMSA

- No version release occurred since UCM #16, current version – deployed in April 2021, introduced the following changes :

  - Interface related changes:
    - Improvements in the TTT (selection/interaction using the TTT, Speed profile etc..)
    - Introduction of pre-set modes (i.e.: ability to define workspace settings per operation)
    - Ability to perform approximate distance calculations (ADC) – for a selected ship travelling inside and outside of the SECA area.

  - CleanSeaNet related changes:
    - Display of new Earth Observation products and attributes; Feature Detection Service (FDS) , Enriched Vessel Service (EVS), Enriched Feature Service (EFS), Wake Detection Service (WDS)

  - Bugs:
    - Correction of around 50 defects

SEG Next Versions

- Three deployments are scheduled until mid-2021. The envisaged changes to be included are the following:

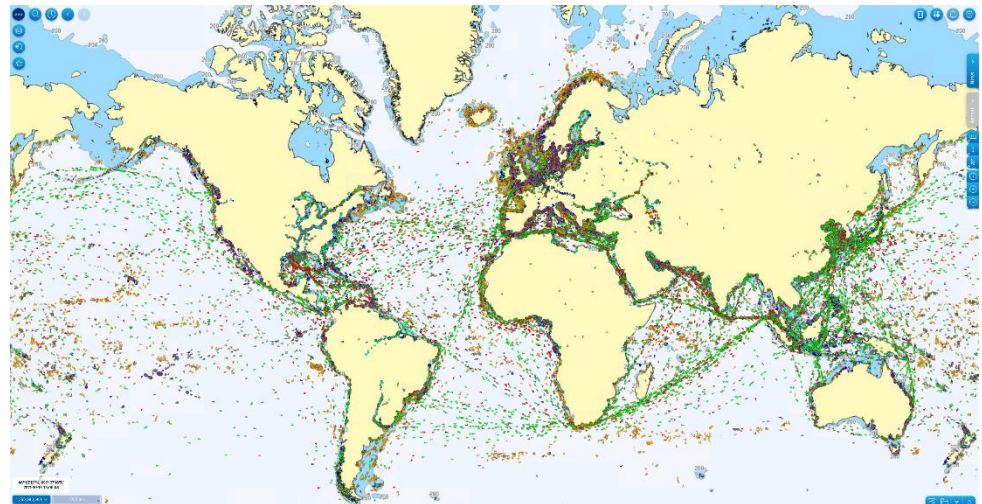## 4th Quarter 2021

➢ **Version 1.12**

  - Reporting of Potential oil pollution sightings
  - Display of Voyage plans from Sea Traffic Management.

➢ **Version 2.0**

  - Real Time Maritime Picture Service (RTMPS) for displaying the last positions

➢ **Version 2.1**

  - Favourite's improvements and new functionalities
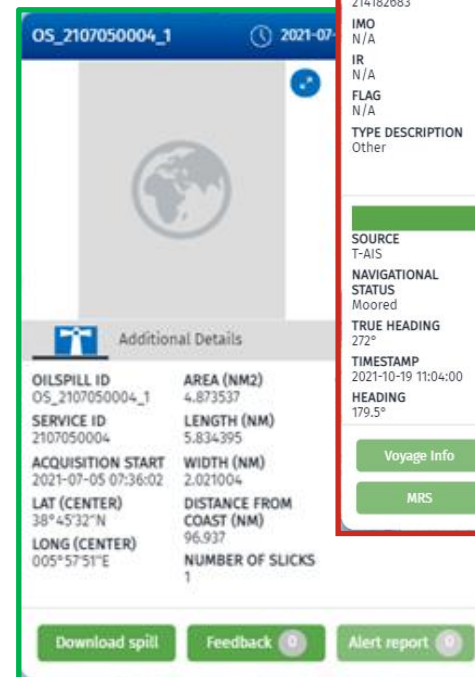 - Changes in internal s2s interface with EODC

SEG Next Versions

1st Quarter 2022

➤ **Version 2.2**

- General interface improvement, including measuring tools functionalities

- Upgrade in the configuration of client preferences

➤ **Version 2.3**

- Redesign of Vessel Command and Info (C&I) panel

- Upgrade of EO C&I panel

- Improvement of the Oil Spill feedback and Oil Spill report functionalities
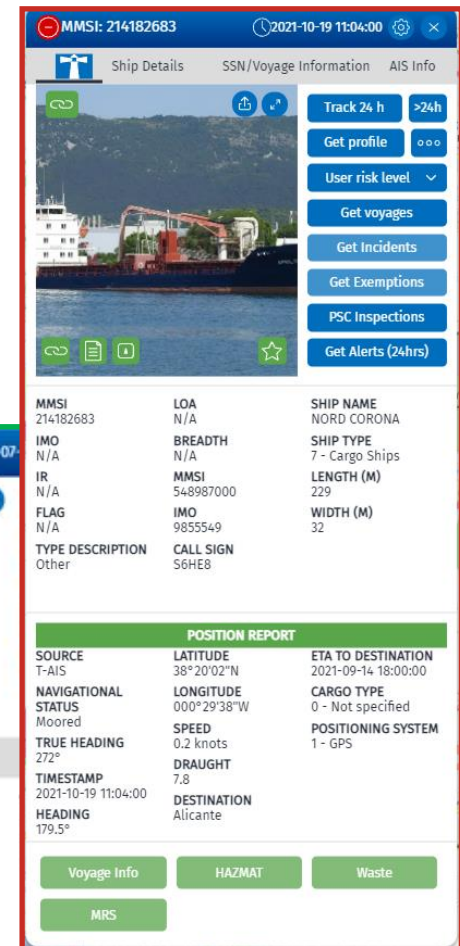
- Multiple C&I panels

SEG Next Versions

2nd Quarter 2022

➢ **Version 2.4**

- General interface improvement of help functionality
- CleanSetNet service improvements
- Display of comparative, vector and detailed Traffic Density Maps (TDMs)

… and coming next

- The new version of Central Geographical Database (CGD) will be developed and later integrated in SEG (planned 2022)
- This integration will allow a more flexible management of areas in SEG and Member States direct access to national areas.

IMS Mobile App

- The IMS Mobile App ('light-simplified' version of SEG) is available in the App Store (for iOS) and Google Store (for Android) is version 2.7.7

- The next generation of IMS Mobile App – version 3, is scheduled for end-2021. The changes to be included in the coming deployment are:

Version 3.0 – 4th Quarter 2021

- Modification to the Vessel Track Query
- Special symbols for not-under-command and aground vessels
- Measuring tool in the Mobile App and the new ABM app
- Availability of Port data
- Display of new data sets
- Modification of the Search functionality: new attributes
- Modification of the Search functionality: vessel specific change
- Track Query - ADC option
- User specific 'Place mark' functionality
- Usage of the application metrics for the IMS App and the New / statistics

IMS/SEG Training Activities

- Due to pandemic situation, currently EMSA is only conducting online training activities:

  o 12 trainings and webinars organized for the IMS for MS authorities and EU Bodies (EFCA, EU-NAVFOR, EUROPOL).

  o They covered various topics, ranging from basic IMS/SEG functionalities to specialized tools (Enhanced SARSURPIC, ABMs).

  o Over 63 persons participated in these training activities.

- Coming next:

  o Training sessions on the use of IMS, SEG, ABMs and Mobile App

  o Schedule and registration will be made available on EMSA web site

  https://extranet.emsa.europa.eu/e-register/events

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EMSA
European Maritime Safety Agency