

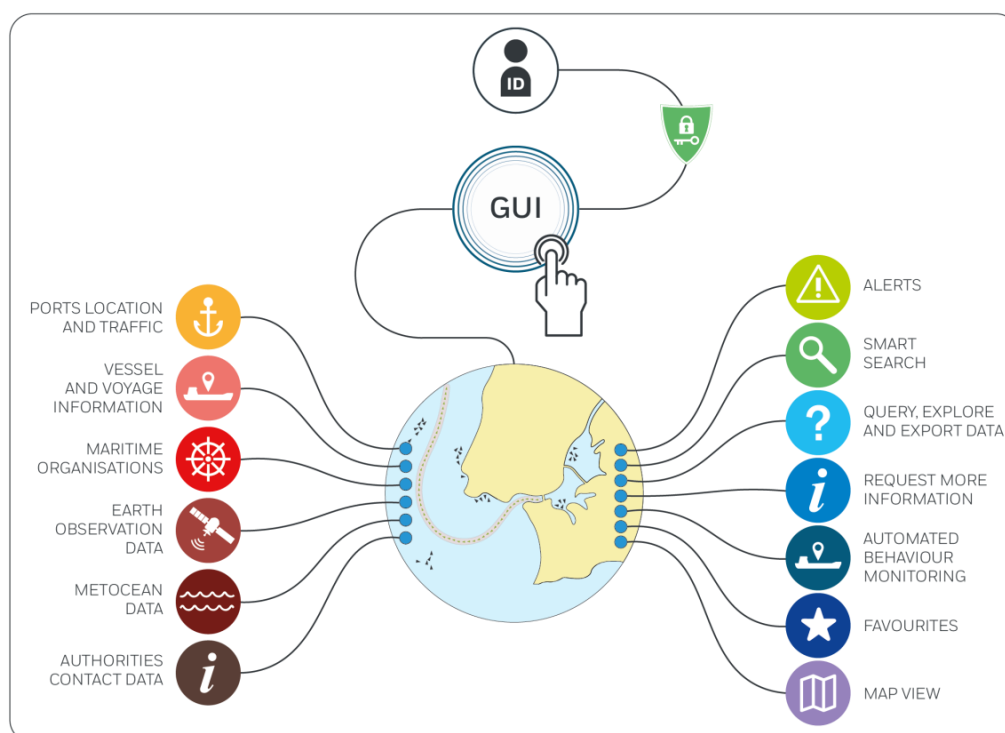
SafeSeaNet Ecosystem GUI

Training exercises and scenarios

This document contains credentials for your access to the SEG for training purposes as well as data for practical exercises and scenarios

Lisbon, May 2017

Introduction to the SafeSeaNet Ecosystem GUI



SEG ACCESS (PRODUCTION)

<https://portal.emsa.europa.eu>

EXERCISES

1. Customise your preferences

- Open 'Preferences'.
- Under the Info (Operation) tab: verify the name of the current operation_____
- Under the Map tab: turn on the Map overview
- Zoom in to your area of interest at scale of around 1: 250 000 and under the Map tab: select the Starting viewpoint as 'Current geographical position'
- Under the Units tab: review options for changing units for coordinates, distance, area, and timestamp format
- Set vessel tooltip to include Name, IMO and Timestamp only

2. Layer management

- Open Layers
- Under Base Layers: Change layer to Bing Satellite. Change layer back to CMAP Standard.
- Select only the Vessels, Ports and Organizations layers
- In the Vessels layer. Expand the Vessels layer window and review the information available under vessel Positions and vessel Tracks.
- Change the layers to display only the latest LRIT/S-AIS position vessels.
- Set symbology to "SSN enrichment" and visualise the legend, (1).
- Select the Areas layer. Display the following layers only
 - EU, Indicative EEZs

3. Using Timeslider

- Open layers.
- Under Vessels layers:
 - In Positions -> Position source -> Activate again all position sources.
 - Change the symbols to 'Target Age'.
 - Select 'Target Age Colour' and visualise the legend, (1).
- Close the layers tab.
- Go to the Timeslider and set the time period to the last 3 hours.
- Observe the changes applied to the latest positions of the vessels on the screen.

4. Vessel traffic information – Smart Search

- Using the Smart Search tool locate a vessel with MMSI 240265000.
- What are the corresponding IMO, Ship Name, Flag State and Call Sign?
.....
- What is the ship type and source of the latest position report?
.....
- Using the Smart Search tool search for vessel with IMO 9379959.
- What are the corresponding IMO, Ship Name, Flag State and MMSI?
.....
- What is the ship type and source of the latest position report?
.....
- Identify which port the vessel is coming from?
.....

5. View vessels

- Go to the Gulf of Aden (North of Somalia) and view:
 - Vessel Flag: Panama
 - Vessel type (PSC types): Tanker
- View now by source:
 - Only LRIT
 - Only SAT-AIS
 - AIS (Terrestrial & SAT)
 - All possible sources

6. Vessel Track Query

- Search the vessel with IMO 9635858.
- View the vessel on the map
- Open the C&I window for this vessel and view associated information
- Get track of this vessel for the last 24 hours and show it on the map
- View the vessel track information in the TTT panel (Timeline and Table).
- 'Animate the vessel track on the map
- Associated a user risk level as 'High' to the vessel

7. Integrated Ship Profile

- Get the Integrated Ship Profile for the last 10 days for vessel with IMO 9312808.
- View the Integrated Ship Profile in the TTT panel (Timeline and Table).
- Display the legend (i) for the symbology on the timeline.

8. SSN Enrichment

- View all ships carrying Hazmat in EU waters
- View all ships with Incident reports in the Mediterranean Sea
- Search for ship with IMO 9480368 and view the available Incident Report information.
- Search for ship with IMO 9669653 and find SSN enrichment information from the C&I window. Obtain additional information regarding the voyages and Hazmat on board.
- Search for ship with MMSI 215497000 and find SSN enrichment information from the C&I window. Obtain additional information regarding the voyages, waste on-board and security.

9. External sources (EQUASIS, Marine Traffic and Fisheries data)

- Display only fishing vessels (use PSC Types)
- Open the C&I window for one of these vessels and view Fisheries information and Marine Traffic data
- Display again vessels of all types and search for ship with IMO 9331153 and find information about last vessel inspection in EQUASIS and check if there were any deficiencies.

10. Area Centric Query

- Setup an area centric query in the approaches to Setubal for the last 12 hours to retrieve vessels tracks (position source: ALL)
- Setup an area centric query South of Bornholm Island (Baltic Sea) for the last 6 hours to retrieve vessels tracks (position source: ALL and then only T-AIS)

11. EO data (imagery and derived products)

- Select the EO data layer only - Unselect all other layers
- Expand the EO SAR imagery window
- Examine the 'I' symbolizer information (e.g. planned, delivered, etc.)
- Select EO SAR Imagery delivered only
- Visualise the EO image on the map (Tip: use the camera icon)
- From the C&I window view the Alert Report

12. Organisations

- Select Organisations layer
- Filter only the organizations having the SSN and LRIT NCA function
- Filter only the organizations having the Search And Rescue duties

13. Favourites

- Select vessels (IMOs 9362437 and 9358929) and add them to a new list of you favourites.
- Name the list as 'test'.
- Request historical tracks of the vessels from your list.

SCENARIOS

SCENARIO 1

Your administration has just received information that there may be an emergency related to a vessel of Marshall Islands flag (IMO number 9696553). Use the necessary tools to find out the current position of the vessel. Verify the historical track of this ship for the last 20 days.

SCENARIO 2

There is a vessel of Panama flag state (IMO 9416070) which reported unspecified technical problem and is drifting towards a coast. Locate the ship, load the historical track and check if the vessel is carrying Hazmat. Identify the nearest authority responsible for the accommodation of ship in need of assistance and obtain its contact details.

SCENARIO 3

Your line manager requested monitoring of the Panamanian flagged tankers in your area of interest (please use indicative EEZ). Check if there are any by using as appropriate tool to visually distinguish any of these ships in your area of interest.

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