

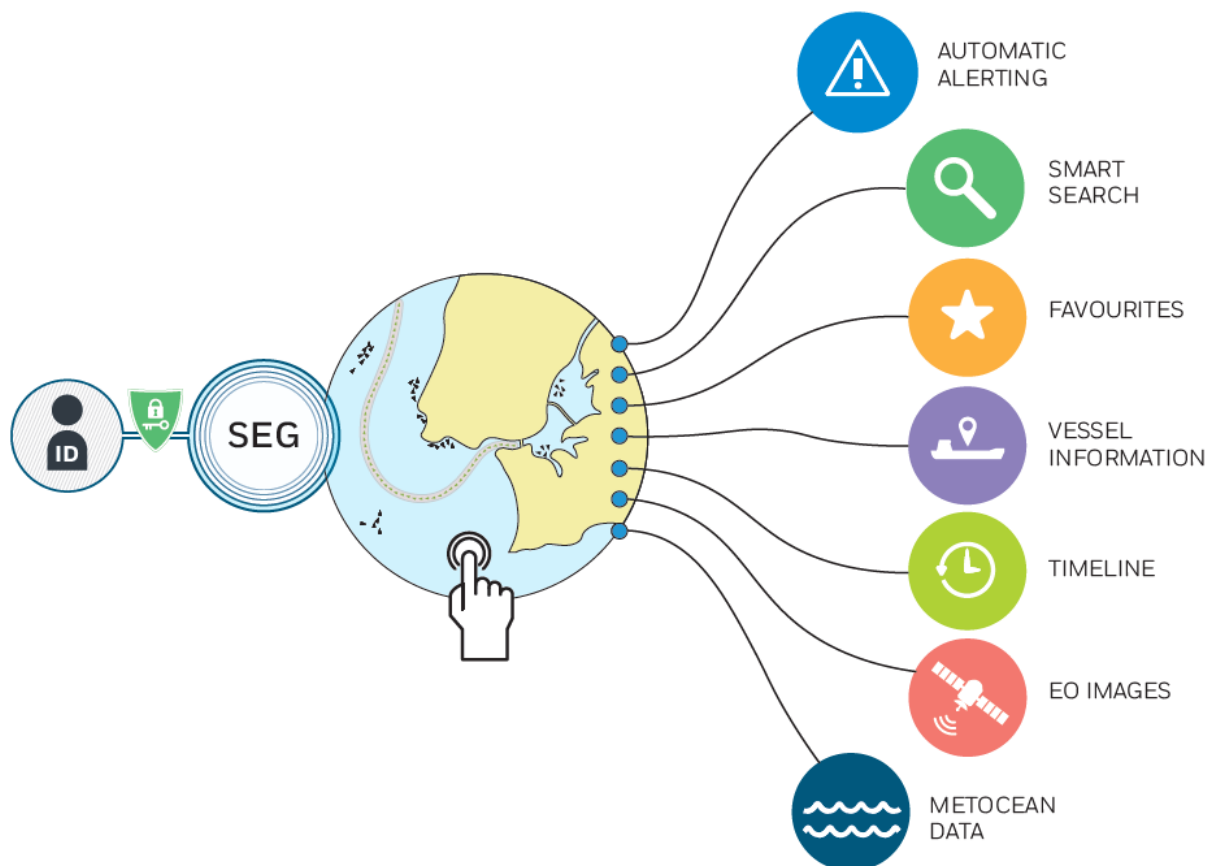
SafeSeaNet Ecosystem GUI

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, 19 May 2017

SEG general concept



SEG ACCESS (PRODUCTION)

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

Table 1- SEG Training temporary User ID and Passwords

SEG Userid	SEGPASSWORD
TRAINING_01	Abcde4567
TRAINING_02	Abcde4567
TRAINING_03	Abcde4567
TRAINING_04	Abcde4567
TRAINING_05	Abcde4567
TRAINING_06	Abcde4567
TRAINING_07	Abcde4567
TRAINING_08	Abcde4567
TRAINING_09	Abcde4567
TRAINING_10	Abcde4567
TRAINING_11	Abcde4567
TRAINING_12	Abcde4567
TRAINING_13	Abcde4567
TRAINING_14	Abcde4567
TRAINING_15	Abcde4567
TRAINING_16	Abcde4567
TRAINING_17	Abcde4567
TRAINING_18	Abcde4567
TRAINING_19	Abcde4567
TRAINING_20	Abcde4567

Note: These User ID and passwords will be deactivated after the training; they reflect the maximum possible access rights policies as allowed per IFCD.

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 1:32,000 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 and IMO 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 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 layer – change the symbols to 'Target Age'.
- 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 provided by the trainers.
 - What are the corresponding IMO, Ship Name, Flag State, Call Sign?
.....
 - What is the ship type and source of the latest position report?
.....
- Using the Smart Search tool search for vessel with IMO provided by the trainers.
 - 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?
.....
- Filter other vessels from the map

5. View vessels

- Bahamian flag vessels of type tanker
 - Only LRIT
 - Only SAT-AIS
 - AIS (Terrestrial & SAT)
 - All possible sources

6. Vessel Track Query

- Search the vessel with IMO provided by the trainers.
- 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
- From the Table, export the vessel track as a gml file

7. Integrated Ship Profile

- Get the Integrated Ship Profile for the last 10 days for vessel with IMO provided by the trainers.
- View the Integrated Ship Profile in the TTT panel (Timeline and Table).

- Export Vessel Positions report to EXCEL file.
- Save your ISP query

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 MMSI provided by the trainers and find SSN enrichment information from the C&I window. Obtain additional information regarding HAZMAT and waste on-board.
- Search for ship with MMSI provided by the trainers.. Obtain additional information available regarding security/ exemptions/MRS?

9. 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)
 - Export the vessel tracks

10. 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..)
- Select EO SAR Imagery delivered only
- Analyse the image timestamps, what are the main characteristic of the EO products displayed in the SEG by default?
-
- On the map select the frame of a SAR EO image and open the C&I Window
- Visualise the EO image on the map (Tip: use the camera icon)
- From the C&I window view the Alert Report

11. Met-ocean data

- Select the Metocean data layer only - Unselect all other layers
- Expand the Metocean window
- Select the in-Situ layer.
- Examine the 'I' symbolizer information (e.g. Argo, Mooring etc.)

- On the Map select a Mooring. View the information associated with the selected mooring.
- Follow the link to data EMODnet.
- Check the names of the in situ platforms closest to the Maltese coast?

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- Select Forecast model data
- Select Sea Surface temperature layer
- Examine the 'I' symbolizer information for Sea Surface temperature
 - Atmospheric pressure at sea level

12. Organisations

- Select Organisations layer
- Filter only the organizations having the Search And Rescue duties

13. Favourites

- Select vessels (IMOs indicated by the trainers) 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 your flag (IMO number provided by the trainers). Use the necessary tools to find out the current position of the vessel. Verify the historical track of this ship for the last month.

SCENARIO 2

There is a vessel of your flag state (Name number provided by the trainers) which reported unspecified technical problem and is drifting towards a coast. Locate the ship and verify if the historical track. 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 Panamian flagged tankers in your area of interest (the area will be indicated by the trainers). Use appropriate tool to visually distinguish any of these ships in your area of interest.

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