

Overview EMSA Portal/SEG

SEG 1.8 Improvements and Issues

Lisbon / September / October 2020



- Overview EMSA Portal
- Introduction to SEG
- SEG Release 1.8
 - Improvements
 - Pending Issues
 - How to Report Issues

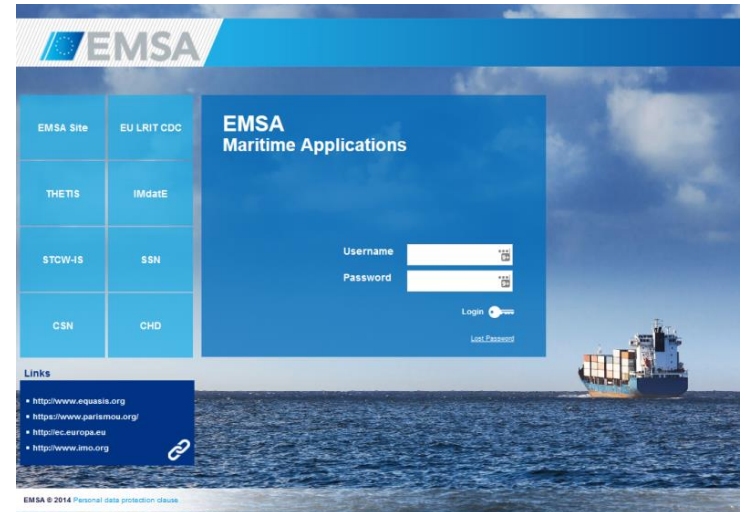
Accessing EMSA Maritime Applications Portal

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

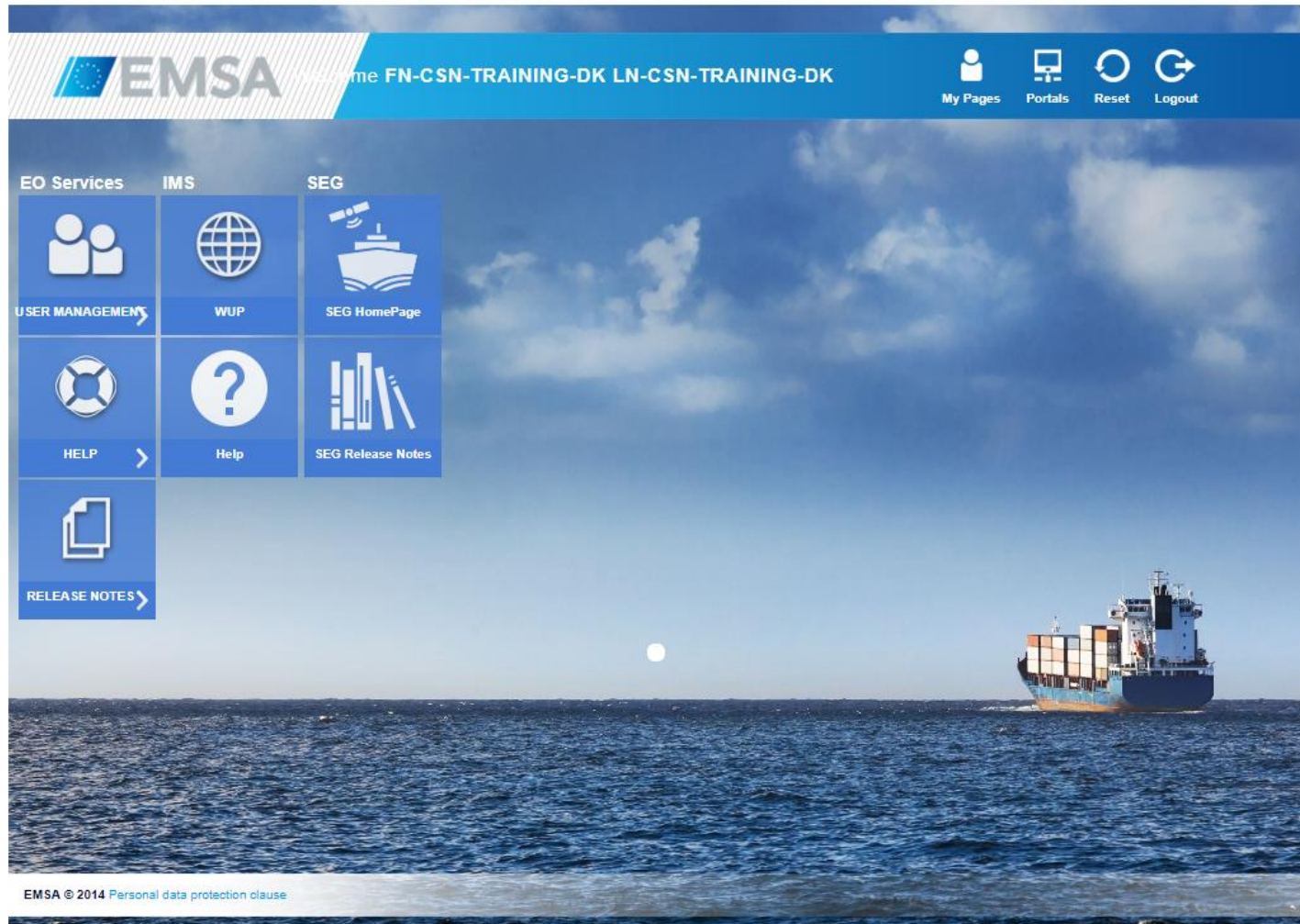
- Authorised users only
- One account has access to all applications from EMSA:

CleanSeaNet, SafeSeaNet, EU LRIT CDC, THETIS, IntegratedMaritime Services (IMS).

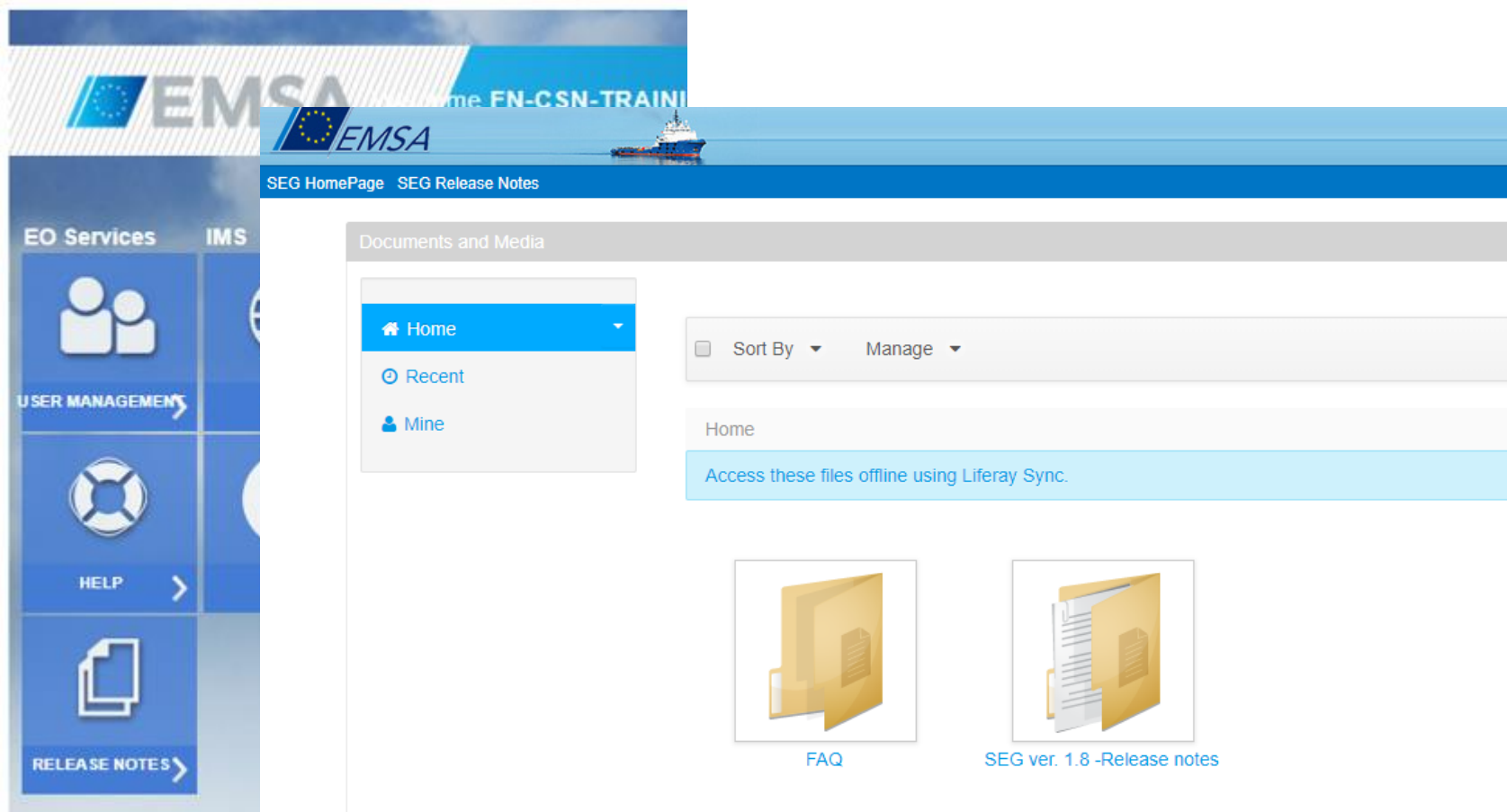
- Identity Management Platform (IdM) is the platform where administrators configure user accounts for all services, and each user view his/her account



Overview EMSA Portal



Overview EMSA Portal



Purpose of the release

New developments:

The objective of the release is to address the following new functionalities:

- General and horizontal:
 - Historical data: Historical Vessel Track Queries extended to 2 years (previously 18 months);
 - Vessel type: added in the table of the Timeline, Thumbnail and Table (TTT)
 - Improvement of the export functionality (e.g. included the vessel identifiers);
 - Advanced Search: option to import a CSV file with a list of vessels to fill in the form;
 - Central Location database (CLD): synchronise SEG with the CLD (internal link) and display CLD data in SEG;
- Central Organisation database (COD): improve the display of COD data;
- Automated Behaviour Monitoring (ABM): add the new ABM administrative management console in SEG. Note: the old ABM admin console in IMS WUP will still be available.
- Earth Observation (EO):
 - Use of a new service to display EO image frames, allowing a performance improvement.
 - Add oil spill operation in oil spill tab.
 - Advanced Search: possible to search using (Oil Spill) (TS)
 - List of Affected Alert Areas now added to the EO Acquisition TTT

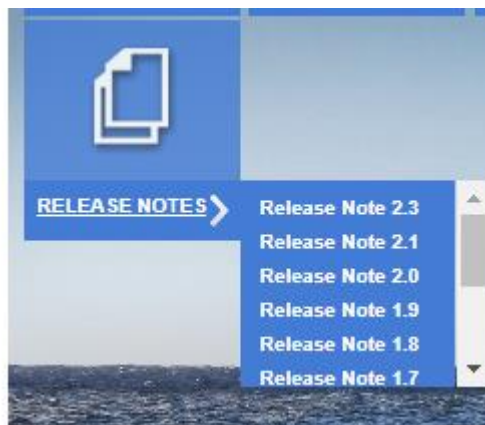
Note: When performing an ACQ for EO products, the oil spills will be presented in the TTT first in a table. The user will have to click on a row to visualise the corresponding oil spill (The SEG 1.7 behaviour shows the oil spills directly in the time slider). The time slider menu will still be accessible to visualise oils spills.
- SafeSeaNet (SSN):
 - Exemption details: add new information on exemptions;
 - Voyage information: add identified missing information.

Bugs fixing:

A multitude of bugs are fixed in this release, including:

- General and horizontal:
 - Correct the functioning of the Area of Interest button in the Smart Search.
- CleanSeaNet:
 - Show the correlated positions (using the advanced query button) for all oil spills;
 - VDS uncorrelated positions shall be retrieved via Area Centric Queries;
 - Improve the selection of the vessel track in oil spill areas;
 - Vessel Commanded Info (C&I) window: "Follow me" option now working.
- SafeSeaNet:
 - Hazmat information now properly displayed when exporting in the CSV format;
 - MRS details display: correct the COG and SOG values.
- EFCA: allow the catch permit selection

Release Notes Earth Observation Data Center



CleanSeaNet Data Centre (CSN-DC)

[Review release notes](#)

2016

Prepared by: Fabrizio Spinelli

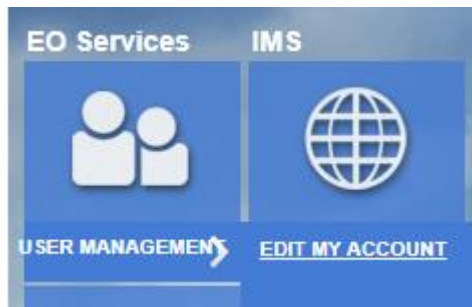
Authorized by: Carlo Zelli


Review release notes

Version: 2.1


Date: 04/05/2016

Access Identity Management



 Identity Manager

Home **CSN-TRAINING-DK** x

 **FN-CSN-TRAINING-DK LN-CSN-TRAINING-DK**

[Modify](#) [Reset Password](#)

[Attributes](#) [Statuses](#)

Basic Information

TypeHuman

Account IDCSN-TRAINING-DK

StatusActive

InitialsFLN

First NameFN-CSN-TRAINING-DK

Middle Name

Last NameLN-CSN-TRAINING-DK

Contact Information

E-mailEarthObservationServices@emsa.europa.

Address

Contact Phone0

Fax

Alert E-mail

Alert Phone

Country / Institution/ Organization Information

Category TypeCOUNTRY

Country / InstitutionDenmark (DK)

OrganizationJoint Operation Centre (DK/ORG_DK48953)

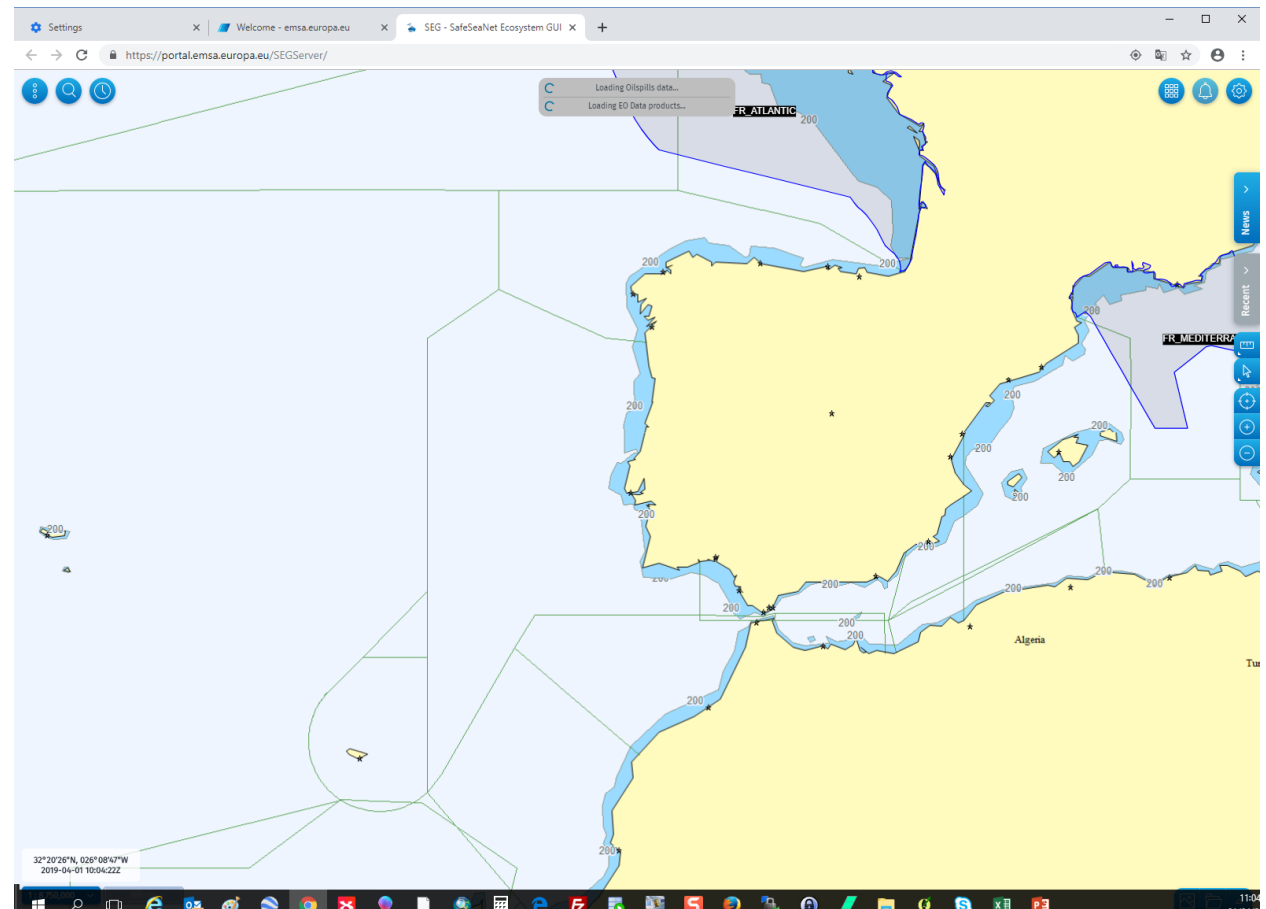
Services / Profiles

Service	Profile
EOS - Earth Ob...	EODC Coastal State System User
IMS - Integrated...	Access to IMDatE MS_Common_Basket
IMS - Integrated...	Access to IMDatE WUP
IMS - Integrated...	Access to SSN Ecosystem GUI (SEG)
IMS - Integrated...	Access to voyage information (SSN)
IMS - Integrated...	IMS Mobile

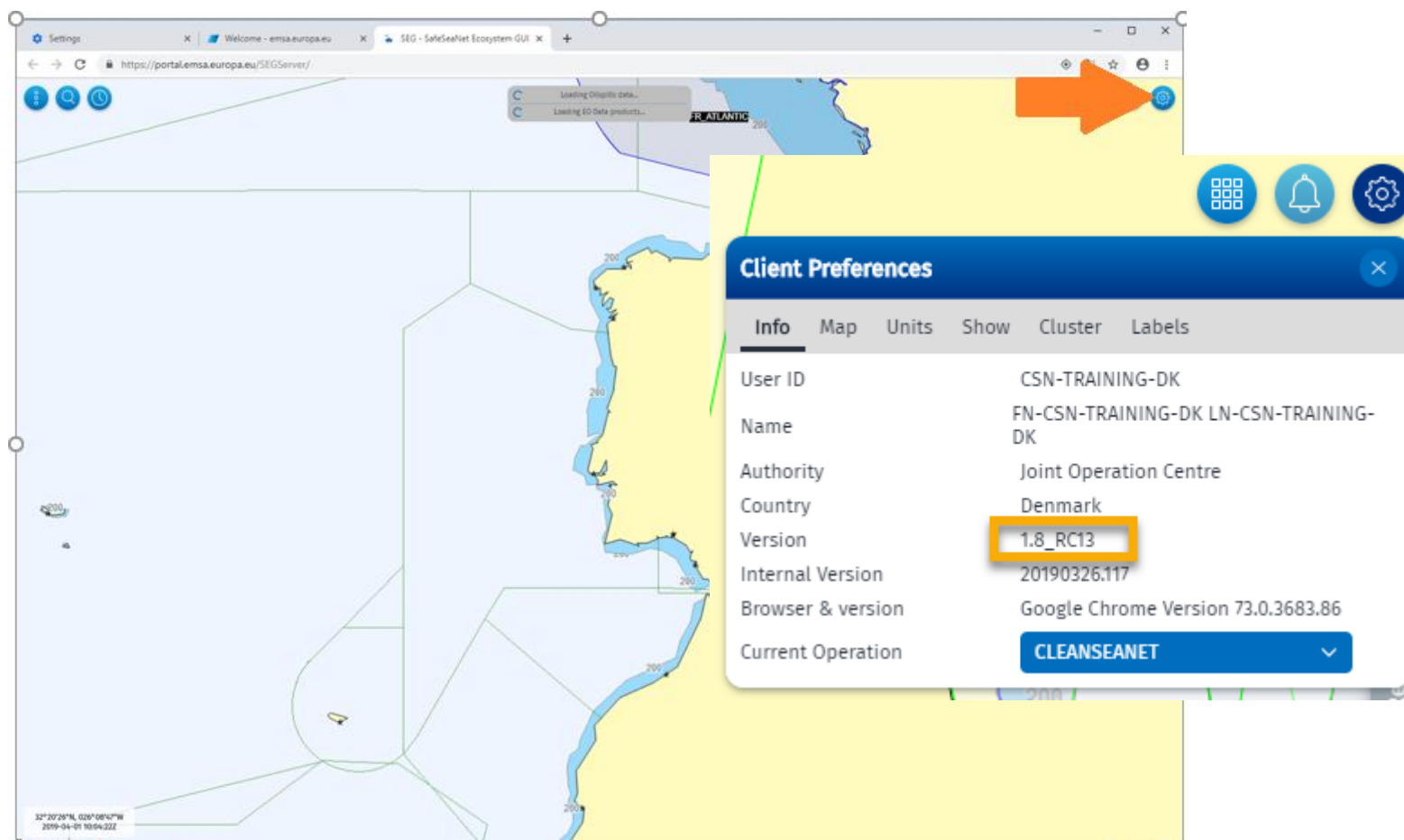
Operations

Operation
CleanSeaNet

Access to SafeSeaNet Ecosystem GUI (SEG)



SEG Operation and Version

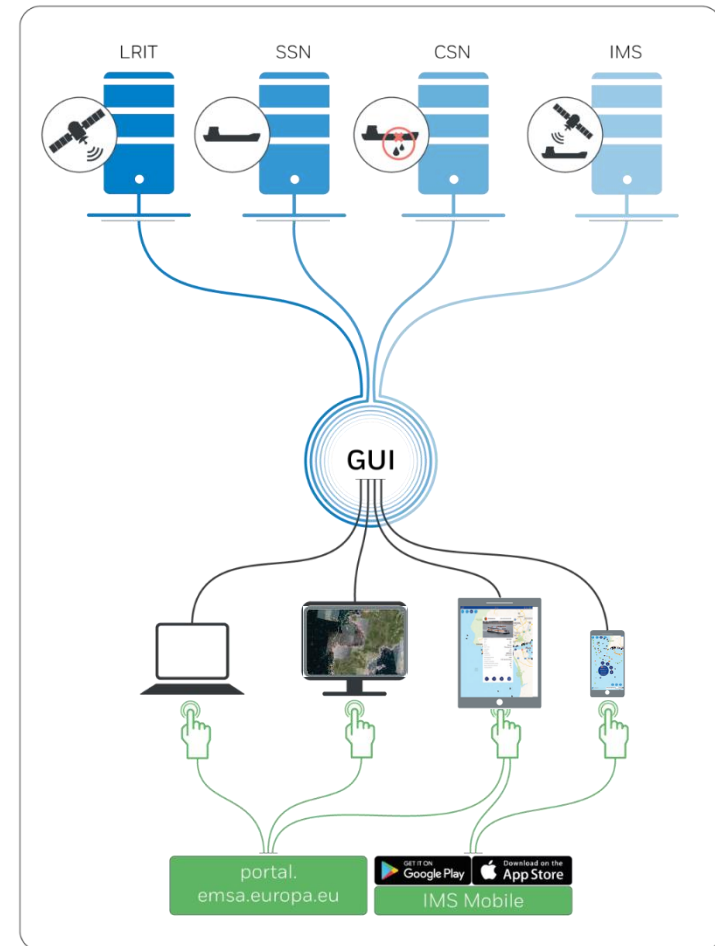


The screenshot shows the EMSA Portal interface with a map of the North Atlantic. A settings icon in the top right corner is highlighted with an orange arrow. The 'Client Preferences' dialog box is open, displaying the following information:

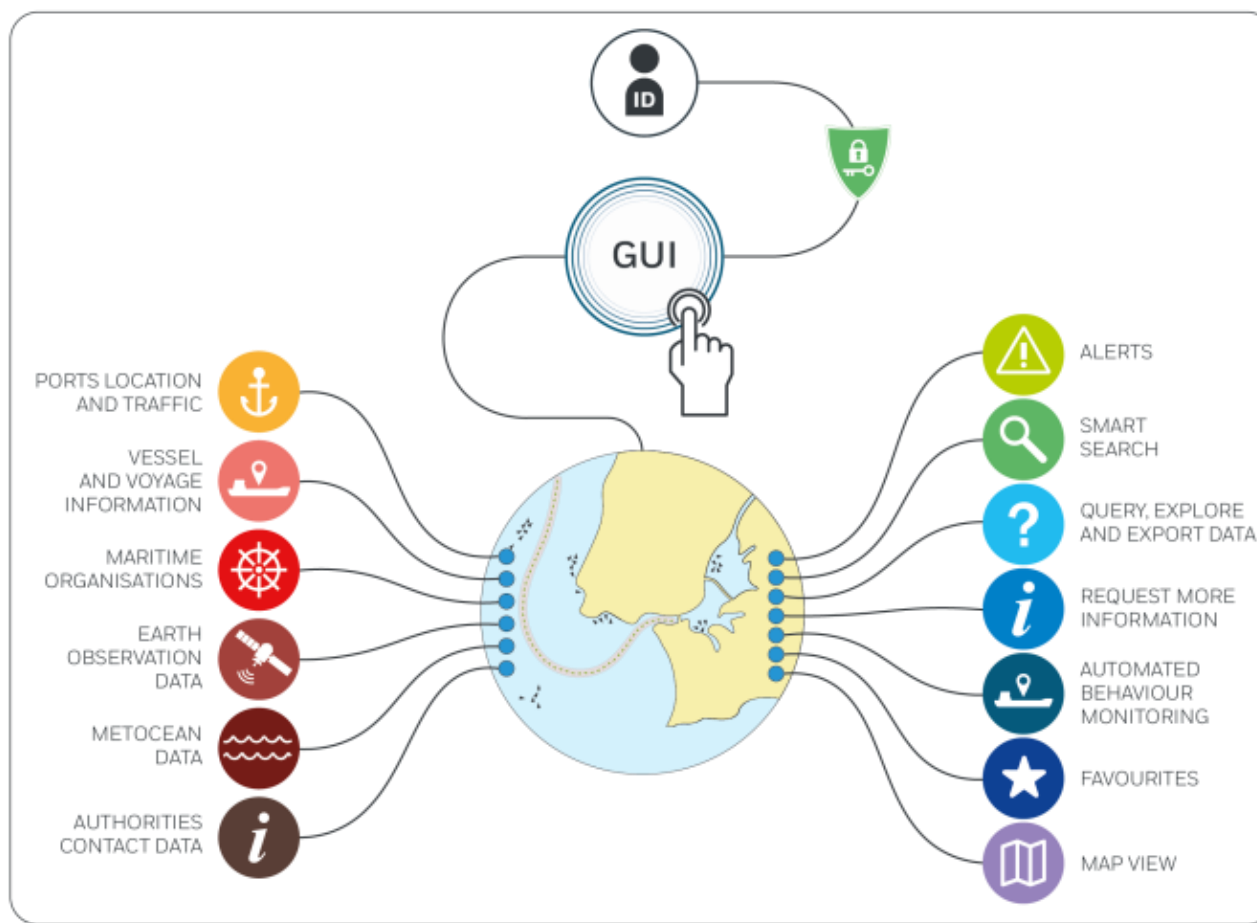
Client Preferences	
Info	Map Units Show Cluster Labels
User ID	CSN-TRAINING-DK
Name	FN-CSN-TRAINING-DK LN-CSN-TRAINING-DK
Authority	Joint Operation Centre
Country	Denmark
Version	1.8_RC13
Internal Version	20190326.117
Browser & version	Google Chrome Version 73.0.3683.86
Current Operation	CLEANSEANET

What is the SEG?

- New single Graphical User Interface replacing
 - CleanSeaNet GIS Viewer
 - Integrated Maritime Services Web User Portal (WUP)
 - SafeSeaNet Graphical Interface (GI)
 - LRIT User Web Interface (UWI)
- Simple map centred layout with:
 - Functions easy to find and to use
 - Enabled for mobile and touch screen devices (No right mouse click available)



Information Layers & Functions



Data Permissions: 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.

SEG Operations

- When logging into the SEG, the user selects a specific operation.
- An operation defines the visibility of Layers, and customises access to certain functions, symbologies and information visibility
- There is a **CleanSeaNet** Operation
- Only this operation enables access to Feedback Form
- CSN Service Transition to SEG took place on 1st October 2018
- Cut-off Date needed due to Feedback Provision

Available Data Layers

- Earth Observation:
 - Imagery (SAR and Optical)
 - Value Added Products (ex: Oil spills and VDS)
- Vessel Traffic Information from several sources:
 - AIS data (T-AIS + S-AIS), LRIT, VMS (available only to IMS users for their own flag + Italian flag)
- Locations: from Central Location Database (CLD)
- Organisations: from Central Organisation Database (COD)
- EEZ and CSN Alert Areas
- Metocean Layers
- ABM (Automated Behaviour Monitoring) Alerts

The Central Location Database (CLD) is used as a reference for locations by all maritime applications of the SSN ecosystem as well as national systems of the Member States (SSN and NSW).

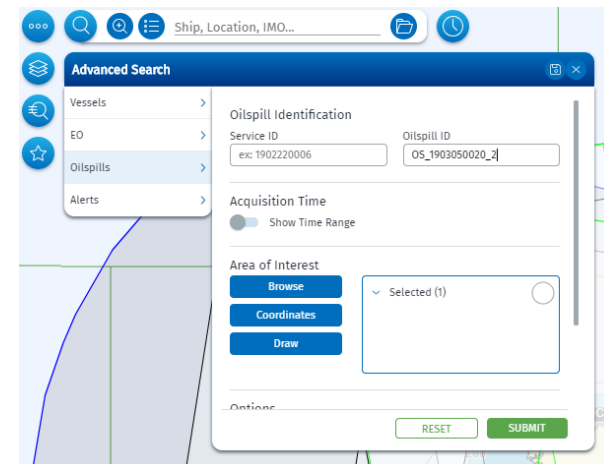
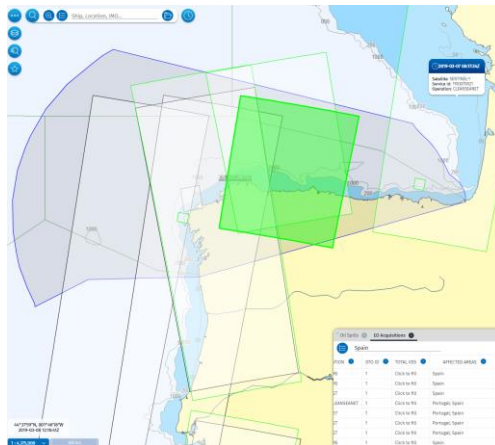
The CLD contains:

- LOCODEs listed in UN/LOCODE list,
- SSN Specific locations
- Port facilities information stemming from the IMO Maritime Security module of the Global Integrated Shipping Information System (GISIS)

*** SEG only displays LOCODEs corresponding to ports and off-shore installations.**

SEG Release 1.8: Improvements

- Integration with COD and CLD
- EO-DC: performance improvement-> faster queries of EO footprints; Decreased processing time for all EO products
- Alert level now visible
- Affected Alert Areas' column now filled
- Possible to search oil spills by Oilspill ID



Ship, Location, IMO...

Advanced Search

Vessels
EO
Oilspills
Alerts

Oilspill Identification

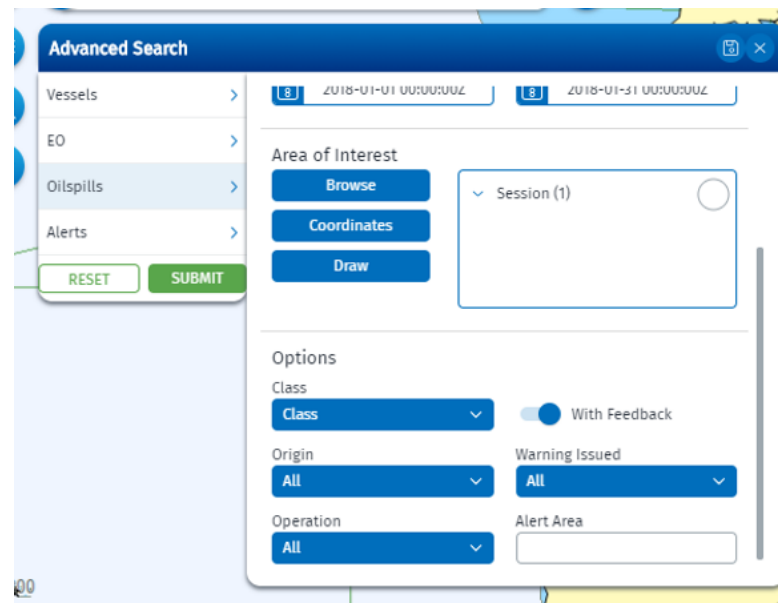
Service ID: ex: 1902220006
Oilspill ID: OS_1903050020_2

Acquisition Time

☐ Show Time Range

Area of Interest

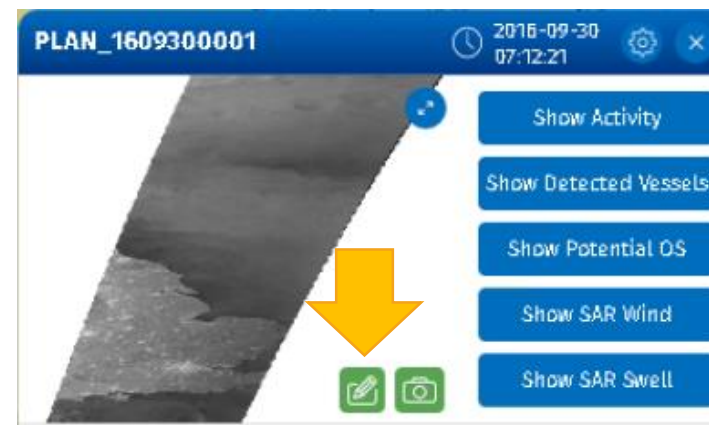
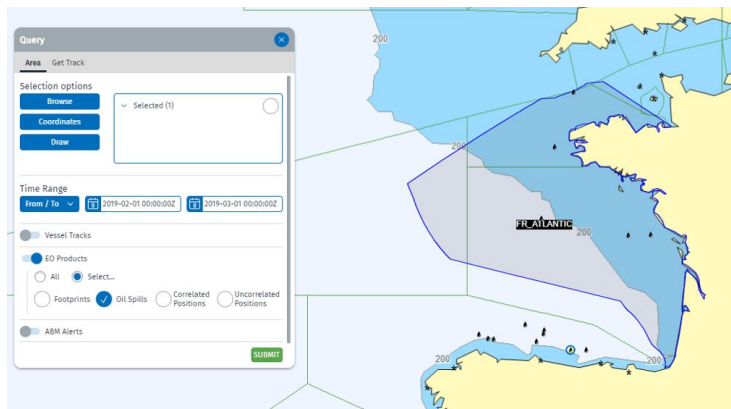
- Polygon coordinates available in TTT
- Feedback parameter in Advanced Search now working
- EO Feedback does not allow anymore insertion/creation with incomplete data
- Improved Selection of vessel tracks in Oil Spill-> Area Query



The screenshot displays the 'Advanced Search' window, which is a modal dialog box with a blue header and a white body. On the left side, there is a vertical sidebar with a list of search categories: 'Vessels', 'EO', 'Oilspills', and 'Alerts', each followed by a right-pointing chevron. Below this list are two buttons: 'RESET' (green) and 'SUBMIT' (green). The main content area on the right is divided into several sections. At the top, there are two date range selectors, each with a blue button labeled 'B' and a date range: '2018-01-01 00:00:00Z' and '2018-01-31 00:00:00Z'. Below these is the 'Area of Interest' section, which contains three buttons: 'Browse', 'Coordinates', and 'Draw'. To the right of these buttons is a map preview showing a blue circle and the text 'Session (1)'. The 'Options' section at the bottom contains several settings: 'Class' with a dropdown menu showing 'Class', 'Origin' with a dropdown menu showing 'All', 'Operation' with a dropdown menu showing 'All', and a 'With Feedback' toggle switch that is currently turned on. To the right of the 'With Feedback' toggle are two more dropdown menus: 'Warning Issued' showing 'All' and 'Alert Area' showing an empty field.

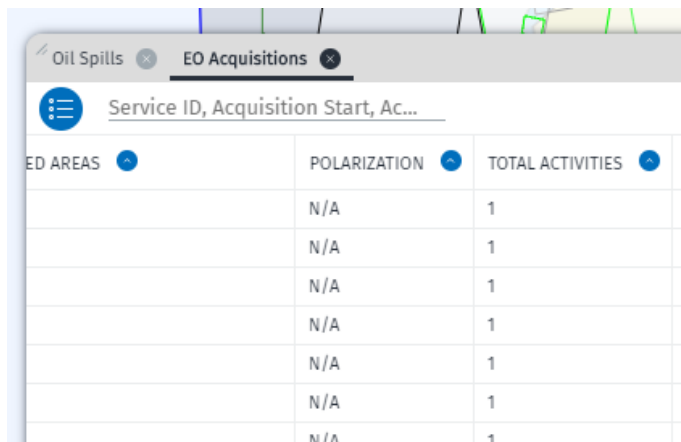
R 1.8: Pending Issues

- Edit button for Brightness and Contrast adjustment missing from EO C&I window.
- Use polygons as area search returns more spills than expected (bounding box of the polygon used instead of the polygon itself)

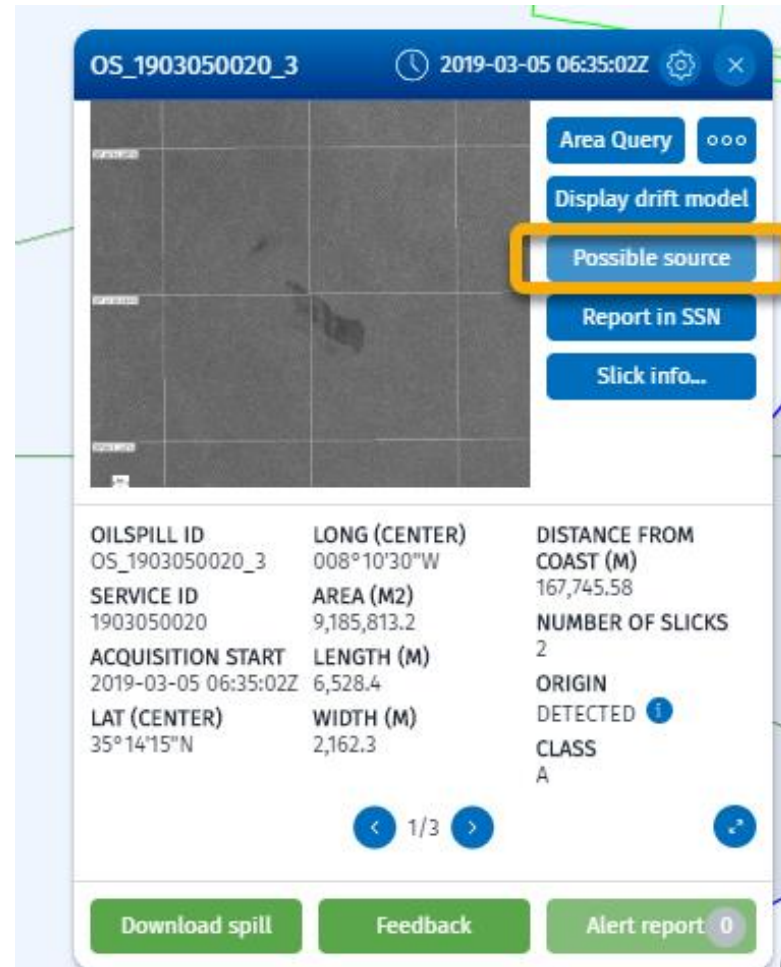


SEG Release 1.8: Pending Issues

- Total Activities value incorrect
- Drift Model display not correct
- Possible Source (as reported by contractors in alert report) not displayed



ED AREAS	POLARIZATION	TOTAL ACTIVITIES
	N/A	1
	N/A	1
	N/A	1
	N/A	1
	N/A	1
	N/A	1



OS_1903050020_3 2019-03-05 06:35:02Z

Area Query Display drift model Possible source Report in SSN Click info...

OILSPILL ID	LONG (CENTER)	DISTANCE FROM COAST (M)
OS_1903050020_3	008°10'30"W	167,745.58
SERVICE ID	AREA (M2)	NUMBER OF SLICKS
1903050020	9,185,813.2	2
ACQUISITION START	LENGTH (M)	ORIGIN
2019-03-05 06:35:02Z	6,528.4	DETECTED
LAT (CENTER)	WIDTH (M)	CLASS
35°14'15"N	2,162.3	A

< 1/3 >

Download spill Feedback Alert report 0



How to report issues to EMSA:

- Address email to MaritimeSupportServices@emsa.europa.eu
- With cleanseanet@emsa.europa.eu in CC
- Email Subject: include the tag 'SEG:' in the begin of the title
- Indicate:
 - user account
 - detailed description of identified issue
 - if possible, some screenshots of the issue



Thank you for your attention

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 facebook.com/emsa.lisbon

