



EUROPEAN COMMISSION
EUROPEAN MARITIME SAFETY AGENCY
Cais Do Sodré 1249-206 Lisbon, Portugal

SafeSeaNet Graphical User Interface Design Document

NSW Prototype

Document version: 1.78
Document release date: July 2015

Document Approval

	NAME	DATE	SIGNATURE
Prepared by:	E. Thanasiopoulos M. Ntirogianni C. Trigonis	03.07.2015	
Checked by:	A. Argyropoulos	07.07.2015	
Quality control by:	N. Karioti	07.07.2015	
Approved by:	G. Carayannis	07.07.2015	

Distribution List

COMPANY	NAME	FUNCTION	FOR INFO / APPROVAL
EMSA	Duchesne Philippe		
EMSA	Abela Carmelo		
Member States			
SSN central system contractor			

Change control History

VERSION	DATE	AUTHOR	DESCRIPTION
0.10	5 Aug 2013	Intrasoft International	First Draft submitted to internal QA for Review.
0.90	12 Aug 2013	Intrasoft International	Submitted to EMSA for Review.
1.00	05 Sep 2013	Intrasoft International	Incorporated EMSA review comments.
1.10	18 Oct 2013	Intrasoft International	Defined the Consult Acknowledgement web pages and updated the Authority Information Exchange web pages.
1.20	29 Nov 2013	Intrasoft International	Incorporated EMSA review comments.
1.30	16 Dec 2013	Intrasoft International	Updated according to the SDD design review teleconference on 09/12/2013.
1.40	18 Jan 2014	Intrasoft International	Updated to incorporate the additional functionalities for the NSW prototype based on the SC#07 evolutive maintenance task.
1.45	17 Mar 2014	Intrasoft International	Updated to incorporate EMSA review comments.
1.50	23 May 2014	Intrasoft International	Updated to incorporate design changes part of SC#09. Submitted to EMSA for review

1.55	05 Jun 2014	Intrasoft International	Updated to incorporate EMSA review comments.
1.60	03 Jul 2014	Intrasoft International	Updated to incorporate EMSA review comments. Submitted for acceptance.
1.65	16 Jul 2014	Intrasoft International	Updated to merge Cargo Items and DPG Items. Submitted for acceptance.
1.70	26 Aug 2014	Intrasoft International	Incorporated final EMSA comments in the context of SC#09.
1.75	01 Oct 2014	Intrasoft International	Updated in the context of SC#11 NSW prototype V3.
1.76	02 Dec 2014	Intrasoft International	Processed EMSA review comments
1.77	19 Dec 2014	Intrasoft International	Updated according to process further EMSA review comments and according to the v1.86 review teleconference.
<u>1.78</u>	<u>07 Jul 2015</u>	<u>Intrasoft International</u>	<u>Incorporated SC#09 Evolutive maintenance upgrades.</u>

Table of Contents

1	Introduction	5
1.1	Purpose	5
1.2	Scope	5
1.3	Reference documents	5
1.4	Abbreviations and acronyms.....	5
2	Graphical Interface design.....	7
2.1	Login	7
2.2	IMP Applications' page	8
2.3	Language support	9
2.4	Contextual Help	10
2.5	Common Reporting Gateway	11
2.5.1	CRG – Main Page.....	12
2.5.2	Port Clearance Notifications	12
2.5.3	Consult My Notifications	33
2.6	Resource Management.....	35
2.6.1	Resources – Main Page	35
2.6.2	Users Management.....	36
2.6.3	Formalities Management	38
2.6.4	Regulatory Information management.....	39
2.6.5	Profiles Management	39
2.6.6	Ship Management	41
2.6.7	Shipping Companies Management	42
2.6.8	Locations Management	43
2.6.9	Areas management	44
2.6.10	Agencies Management	45
2.6.11	Attachment Types Management	46
2.7	Authority Information Exchange.....	46
2.7.1	AIE – Main Page.....	46
2.7.2	Port Clearance Request Decision	47
2.8	NSW-GI	52
2.8.1	NSW-GI – Map Viewer	52
2.8.2	NSW-GI – Floating Panels	55
Annex A:	ShipCall data in Form Format.....	60
Annex B:	E-mail Templates	61

1 Introduction

1.1 Purpose

This document defines the National Single Window (NSW) system graphical interface design in the scope of SC#07, SC#09 and SC#11 implementing FC 11/EMSA/OP/08/2011 "SafeSeaNet enhancements for the further improvements of SSN v2 in light of the MS decisions in SSN 15, 16, 17 of HLSG7" work package 3 – IMP demonstration project.

1.2 Scope

This document is the *Graphical Interface Design Document* for the NSW system. The purpose of this document is to present the design approach for the graphical interface of the NSW system web application.

The primary intended audience of this document are system designers and system builders. The document intents to provide the members of the IMP demonstration project a unified view of the technical details of the system design to be followed during the development of the respective application. The document may need to be updated later to incorporate possible changes during development.

The current version of the document incorporates the design changes part of SC#11 under FC 11/EMSA/OP/08/2011 concerning the IMP Demo Graphical Interface changes to accommodate the additional data groups regarding the Cargo Items.

1.3 Reference documents

Id	Reference	Title	Version
R1	N/A	Intrasoft International Quality Assurance Book	2.10
R2	Service Contract	Nº 7 Under FC 11/EMSA/OP/08/2011	N/A
R3	IMP-Demo-SDD	IMP-Demo-System Design Document	1.60
R4	IMP-Demo-SRS	NSW System Requirements Specifications	1.12
R5	Service Contract	Nº 9 Under FC 11/EMSA/OP/08/2011	N/A
R6	Service Contract	Nº 11 Under FC 11/EMSA/OP/08/2011	N/A

Table 1-1: Reference Documents

1.4 Abbreviations and acronyms

A list of the principal abbreviations and acronyms used in the document is provided here for a better understanding of this document.

Abbreviation	Definition
AIE	Authority Information Exchange
CRG	Common Reporting Gateway

Abbreviation	Definition
DPG	Dangerous and Polluting Goods
EIS	European Index Server
EMSA	European Maritime Safety Agency
GIS	Geographic Information System
GUI	Graphical User Interface
HTML	Hyper Text Markup Language
HTTP	Hyper Text Transfer Protocol
HTTPS	Hyper Text Transfer Protocol over SSL
ID	Identification number
II	INTRASOFT International
IMO	International Maritime Organisation
IMP	Integrated Maritime Policy
MMSI	Maritime Mobile Service Identity
MS	Member States.
N/A	Not Applicable or Not Available
NSW	National Single Window
SSN	SafeSeaNet
TR	Table Reference
IR	Incident Reporting. The distribution, management and monitoring of the distributed incidents.
XML	eXtensible Markup Language

Table 1-2: Abbreviations and Acronyms

2 Graphical Interface design

This section presents the graphical user interface of the NSW Web application that will have the form of a lightweight web application, where all functionalities are grouped visually and logically into thematic units, according to the types of entities they are associated with, i.e. Port Clearance Request, Resources Management (User, Location, Ship, Shipping Company etc). Special consideration was given to the application's ergonomics, with the main concept being to provide visual grouping data group elements, with minimal effort required in terms of user actions. As a result, each of these elements (Ship, Port, Cargo, Ship's Stores etc) is manifested as a separate container web control, having its own contents and selected via an appropriate tab menu at the top of the main section of each page. Only one tab can be selected by the user at any one time. Where appropriate, each tab's contents are further divided into sections, according to a particular logical and functional grouping. When validation errors occur, they are displayed on the top of the page in red color (see image in section 162.5.2.2). In case of an application error, an error page is displayed describing the error occurred.

The design foresees the development of the web application using the following HTML templates:

- HTML5;
- css3 with css reset;
- liquid presentation(minor info: elements widths are in % and not in px);
- use of web standards (i.e for tables too);
- semantic html.

The design provides for a responsive site that will work on both desktop and mobile tablet devices.

The sections that follow contain mock views of a selection of the most important aspects of the GUI, along with textual descriptions of their purpose and contents.

2.1 Login

This section describes the "Login" page which will be common for the Common Reporting Gateway, the Authorities Info Exchange and the Resource Management Web applications (that constitute the NSW Web interfaces). The main component is the login form, where user needs to provide the credentials in order to be authorized to use the web application.

The login page will also contain a disclaimer – within the blue panel of the screen depicted below – of personal data protection in accordance with the regulation of EC No 45/2001.

NSW - Login



National Single Window for ship reporting – Prototype

This prototype was developed by the European Maritime Safety Agency (EMSA) in the context of the Integrated Maritime Policy work program 2011 and 2012 (Commission Implementing Decision C(2012)1447/12-3-2012).

Please note that this prototype is not an actual operational system and is not a substitute to any existing system or procedure. Usual procedures for the fulfillment of reporting obligations should be applied by the ship or its representatives in addition to using this prototype.

All relevant documentation on the project is available on the EMSA website: <http://emsap.europa.eu/nsw.html>



Login

Username

Password

Sign in

Any personal data collected by the European Maritime Safety Agency (EMSA) within this prototype project shall be processed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. It shall be processed solely for the purposes related to project. Should the Data Subjects have any queries concerning the processing of their personal data, they shall address them to the data controller (EMSA, Head of Unit C.2). The Data Subjects shall have right of recourse at any time to the European Data Protection Supervisor.



Copyright © 2013 European Maritime Safety Agency



Purpose:	The starting point of the NSW Web Console is the login page that contains the following elements: <ul style="list-style-type: none">• A Welcome to National Single Window message.• A login area.
Navigation & User Interaction:	To login the user is required to enter valid credentials. The successful login will advance the user to the IMP applications page (see section 2.2 IMP applications' page).

2.2 IMP Applications' page

NSW – IMP Applications' login

EMS European Maritime Safety Agency

Change Password Logout Logged in as NSWADMIN

IMP Applications Resources Management CRG Console Authority Information Exchange

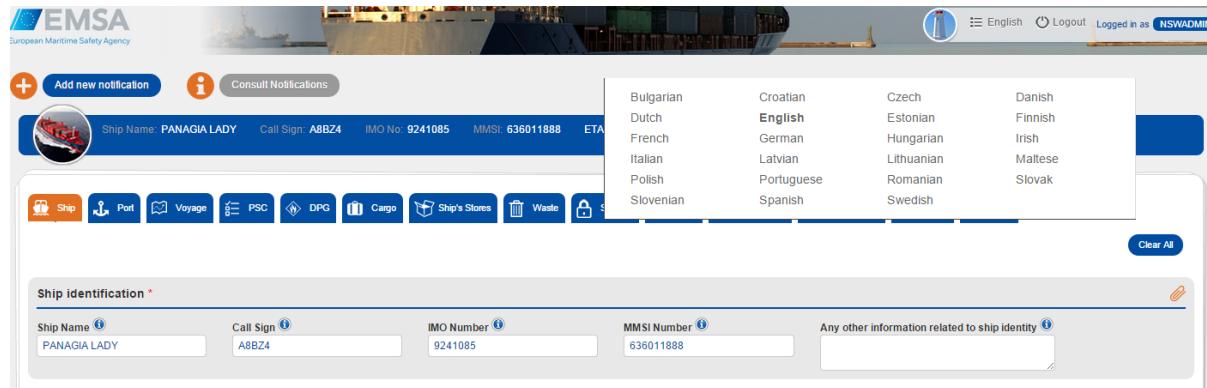
Purpose:	This is a page that all the NSW applications are presented. The applications are: <ul style="list-style-type: none">• Resource Management• Common Reporting Gateway Console• Authorities Information Exchange An application is displayed to the logged in user only in case the user has the corresponding permission.
Navigation & User Interaction:	Select an application in order to navigate to the corresponding initial page of the application.

2.3 Language support

During the application initialization, the user preferred language is being retrieved and considered to be the default locale. The user preferred language is stored in the MNG_USERS table and is updated either via the Resource Management > Edit User function or when the user – after a successful login - changes his/her preferred language from the list available on the top right panel of the applications. In case of an error (e.g. communication between the UI and core application) the English (EN) selected as the default application language.

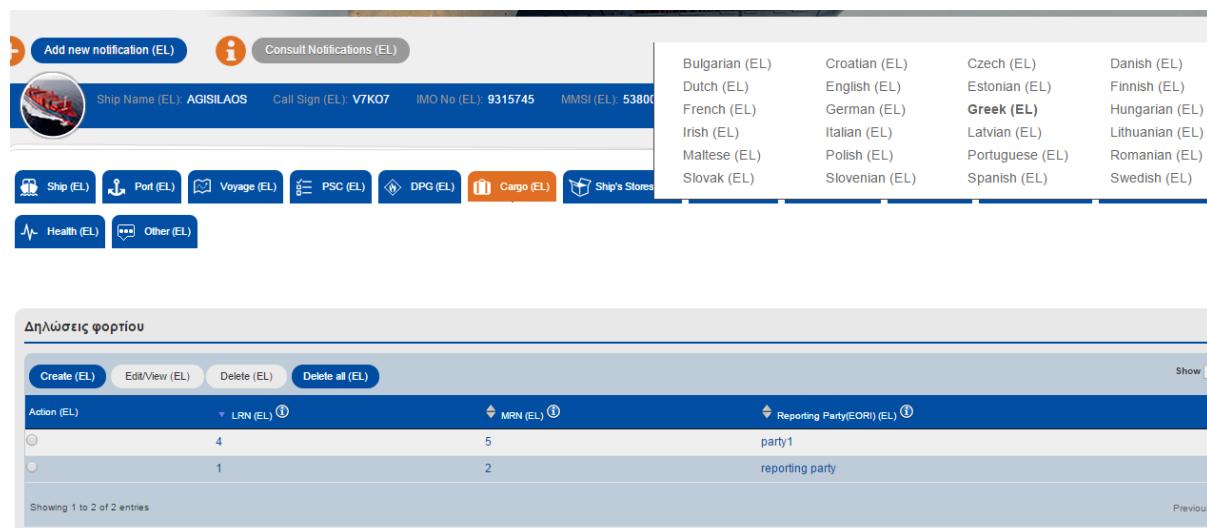
Language Support

English text will be used for the labels as depicted hereunder:



The screenshot shows the EMSA NSW Prototype interface. At the top, there is a header with the EMSA logo and a dropdown menu for language selection. Below the header, there is a navigation bar with links like 'Add new notification' and 'Consult Notifications'. The main content area displays ship identification information: Ship Name (PANAGIA LADY), Call Sign (A8BZ4), IMO No (9241085), MMSI (636011888), and ETA. Below this, there are several tabs for managing ship data: Ship, Port, Voyage, PSC, DPG, Cargo, Ship's Stores, Waste, and Health. A dropdown menu in the top right corner lists various languages: Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Irish, Italian, Latvian, Lithuanian, Maltese, Polish, Portuguese, Romanian, Slovenian, Spanish, and Swedish. A 'Clear All' button is also present.

Greek text will be used for the labels as depicted hereunder:



The screenshot shows the EMSA NSW Prototype interface with Greek labels. The top header and navigation bar are identical to the English version. The main content area displays ship identification information: Ship Name (AGISILAOΣ), Call Sign (V7K07), IMO No (9315745), and MMSI (53800). Below this, there are tabs for Ship (EL), Port (EL), Voyage (EL), PSC (EL), DPG (EL), Cargo (EL), and Ship's Stores. A dropdown menu in the top right corner lists various languages in Greek: Βulgarian (EL), Κroatian (EL), Ζzech (EL), Δanish (EL), Δutch (EL), Εnglish (EL), Εstonian (EL), Φinnish (EL), Φrench (EL), Γerman (EL), Ήngarian (EL), Ιrish (EL), Ιtalian (EL), Λatvian (EL), Λithuanian (EL), Μaltese (EL), Πolish (EL), Ρortuguese (EL), Ρomanian (EL), Σlovak (EL), Σlovenian (EL), Σpanish (EL), and Σwedish (EL). A 'Clear All' button is also present. Below the tabs, there is a section titled 'Δηλώσεις φορτίου' (Ship declarations) with a table showing entries for LRN (4 and 1) and MRN (5 and 2) with corresponding Reporting Party (party1 and reporting party).

Purpose: Support multiple languages for the GUI labels.

Navigation & User Interaction: The welcome page enables the user to select one of the available languages (via a drop down menu). A language is available only in case the corresponding properties file exists. The user can reset the language by selecting from the list; the new selected language will be stored in the MNG_USERS table. The same time the page will be updated with the selected language. In such a case, the corresponding property file is being loaded (by using a request interceptor) and all available messages are stored into session's map. The corresponding property files are living into the application's classpath. Every request for change language results in a new property file loading.

2.4 Contextual Help

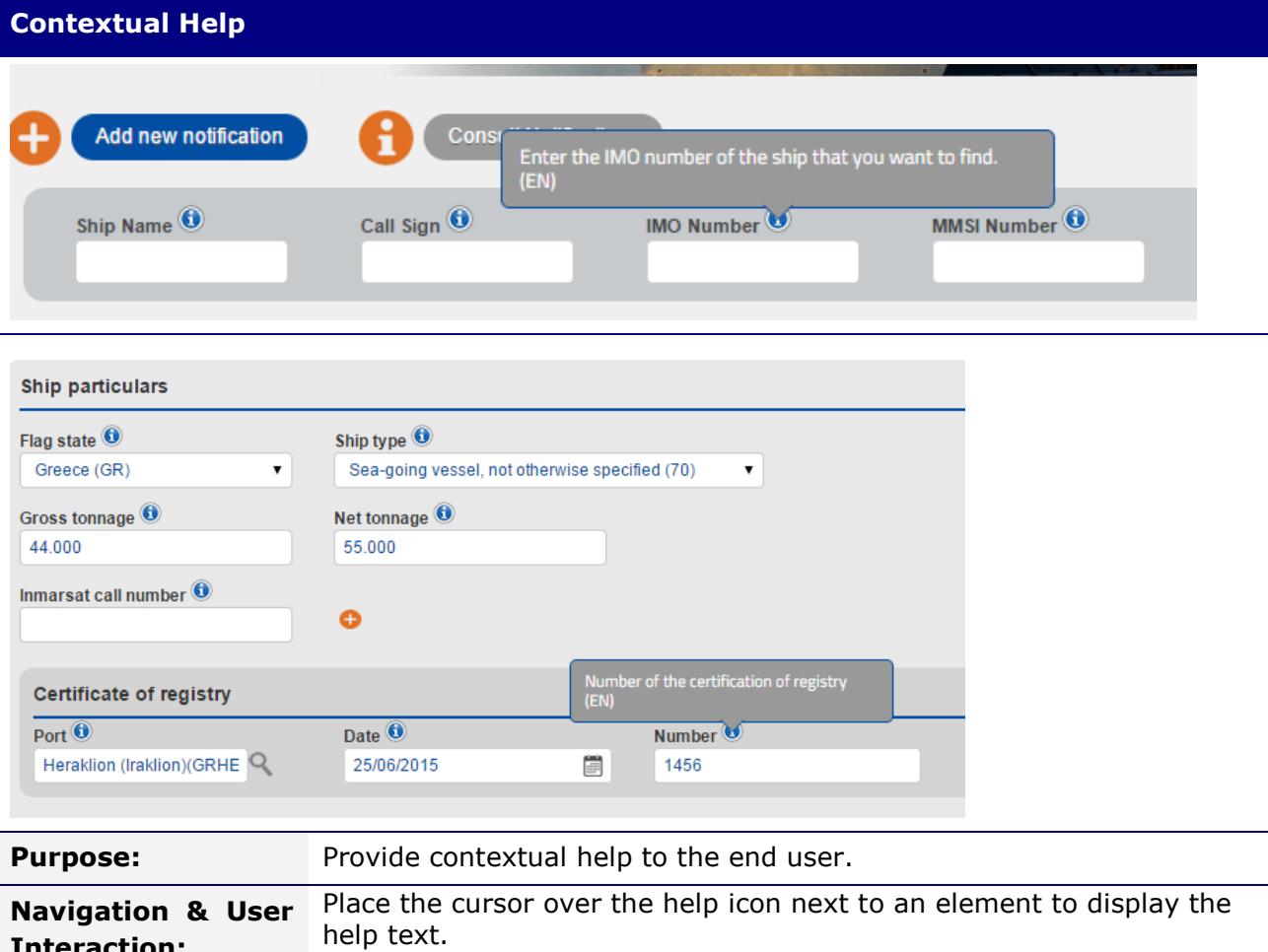
Contextual help contents are stored into properties files:

- “crg_help_messages_en.properties” for the CRG application and
- “aie_help_messages_en.properties” for the AIE application and
- “resources_help_messages_en.properties” for the Resources management console application).

Application uses a request interceptor in order to check whether the contextual help messages have been already loaded.

If the messages have not been loaded, then the interceptor reads the above files from the classpath and stores them into session map.

Contextual Help



The screenshot shows a search interface for ships. At the top, there are four input fields: 'Ship Name' (with placeholder 'i'), 'Call Sign' (with placeholder 'i'), 'IMO Number' (with placeholder 'i'), and 'MMSI Number' (with placeholder 'i'). Above the 'IMO Number' field, a tooltip is displayed: 'Enter the IMO number of the ship that you want to find. (EN)'. Below this, under 'Ship particulars', there are fields for 'Flag state' (set to 'Greece (GR)'), 'Ship type' (set to 'Sea-going vessel, not otherwise specified (70)'), 'Gross tonnage' (set to '44.000'), 'Net tonnage' (set to '55.000'), and 'Inmarsat call number' (with a placeholder 'i'). Under 'Certificate of registry', there are fields for 'Port' (set to 'Heraklion (Iraklion)(GRHE)'), 'Date' (set to '25/06/2015'), and 'Number' (set to '1456').

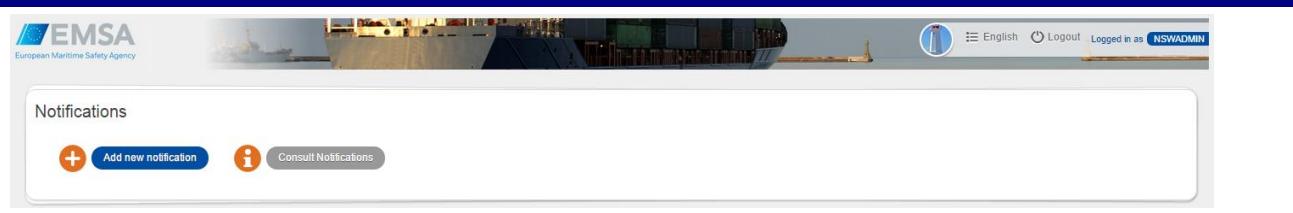
Purpose:	Provide contextual help to the end user.
Navigation & User Interaction:	Place the cursor over the help icon next to an element to display the help text.

2.5 Common Reporting Gateway

This section describes the visual components and the steps in the Web Console, in order to support the functionality of Common Reporting Gateway, which contains the submission of Port Clearance Notification.

2.5.1 CRG – Main Page

CRG – Home page


<p>Purpose: After the successful login a user is directed to the main NSW page that provides links to the NSW Notification module.</p>
<p>Navigation & User Interaction: Click on any of the following buttons to advance to the corresponding page:</p> <ul style="list-style-type: none">• Notifications, the 2 options as indicated hereunder.<ul style="list-style-type: none">◦ Add new notification: this enables the user to send a new notification or re-use/update a previously registered ship call that he/she has the permission to send. Click on the button to go to the Search Ships page.◦ Consult my notifications: this enables the user to search and view the acknowledgment received from the authorities for a pre-submitted notification for clearance request and to re-use/update a previously registered ship call send by him/her. Click on the button to go to the Notifications list page. <p>Only the buttons for the functions the user is authorized are available.</p> <p>NOTE: The Resources Management functionality is implemented as two separate applications, one for the Common Reporting Gateway and one for the Authority Information Exchange.</p>

2.5.2 Port Clearance Notifications

This section describes the visual components of each step in the process to define and submit a Port Clearance Notification starting for the search for a given ship and the notifications previously submitted (if any) to the definition of the Port Clearance Notification data elements.

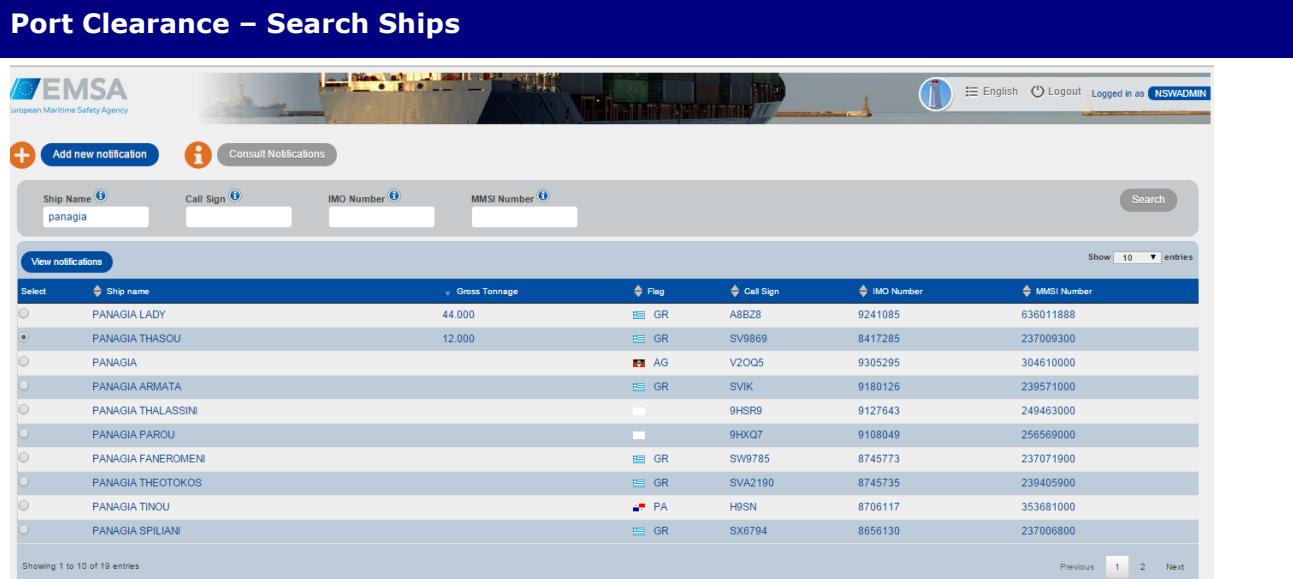
The data elements grouped in tabs as described in the following subsections. Each tab provides a set of actions (buttons) that are common to all (except from the "Ship" tab as indicated hereunder) and are defined hereunder:

- Button "Save Draft": press to validate and store the ship call temporarily for further processing. If "Save Draft" is selected then no clearance request will be sent to the Authorities. Only when the user selects the "Submit" option the request is sent to the Authorities. Not available in the "Ship" tab.

- Button "Submit": press to validate and send the notification or press "Next Step" button to validate the given information and move forward to the next tab (e.g. from the "Port" tab move to the next "DPG" tab). Not available in the "Ship" tab. The "Next Step" is not available in the "Cargo" tab.

It shall be noted that a new Port Clearance Notification once submitted will be sent to the authorities (via the Authority Information Exchange application). In addition an Email message is sent to the addresses recorded in the authorities' user accounts. For the e-mail template and content please refer to Annex B: E-mail Templates of this document.

2.5.2.1 Search Ships/Ship Calls

Port Clearance – Search Ships						
 <p>This page is used for listing and searching ships in the database.</p> <p>The upper part of the screen is used to specify the required criteria when searching for ships. The terms entered in text-box criteria fields do not have to match exactly the searched value. Partial matches will also return results. Search is not case sensitive.</p> <p>The lower part consists of a data grid where the search results are displayed. The paged search results can be navigated using the number links to move to the specific result set, located on the right bottom of the table.</p> <p>Click the Select radio button on the leftmost column of the notification row or click the row in order to be selected.</p> <p>Click "View Notifications" button to see the Ship Calls submitted for that ship. The Ship Calls for the ship are displayed as shown in the next section.</p>						

Port Clearance – View Notifications

Port of call	ETA/ATA to port of call	ETD/ATD from port of call	Type	Call status	Request status	Formalities
Kalamaki(GRKLM)	ATA:30/06/2015 00:00	ETD: 28/06/2015 00:00	Arrival	Draft	Pending	
Halki Dodekanison(GRHAL)	ATA:28/06/2015 00:00	ETD: 27/06/2015 00:00	Arrival	Arrived	Pending	
Kos(GRKGS)	ATA:27/06/2015 00:00	ETD: 25/06/2015 00:00	Arrival	Arrived	Pending	
Kos(GRKGS)	ATA:27/06/2015 00:00	ETD: 25/06/2015 00:00	Arrival	Arrived	Pending	
Porto Heli(GRPHE)	ATA:27/06/2015 00:00	ETD: 26/06/2015 14:00	Arrival	Arrived	Pending	
Kos(GRKGS)	ATA:27/06/2015 00:00	ETD: 25/06/2015 00:00	Arrival	Arrived	Pending	
Karystos(GRKST)	ATA:25/06/2015 00:00	ETD: 26/06/2015 00:00	Departure	Cancelled	Pending	
Delos(GRDOS)	ATA:25/06/2015 00:00	ETD: 24/06/2015 00:00	Arrival	Arrived	Pending	
Ithaki (Ithaca)(GRITH)	ATA:20/06/2015 13:00	ETD: 20/06/2015 02:00	Arrival	Arrived	Pending	
Kos(GRKGS)	ATA:20/06/2015 00:00	ETD: 19/06/2015 00:00	Arrival	Arrived	Pending	

Purpose:	This page is used for listing and searching notifications for a selected ship.
Navigation & User Interaction:	<p>The upper part of the screen is used to specify the required criteria when searching for notifications for a selected ship.</p> <p>Once the Ship is selected (see previous screen) the application will display all ShipCalls for that ship.</p> <p>Select an option in the "within" filter to filter for arrival notifications with ATA (or ETA if no ATA is defined) within the duration selected around the current time or ATD (or ETD if no ATD is defined) within the duration selected in case of a departure notification.</p> <p>The possible selections for the time duration are:</p> <ul style="list-style-type: none"> • 24 hours • 48 hours • 7 days • All <p>For example if "7 days" is selected in the "within" criterion then all arrival notifications with ATA (or ETA) \geq current_time - 7 days and \leq current_time + 7 days, and all departure notifications with ATD (or ETD) \geq current_time - 7 days and \leq current_time+7 days will be displayed.</p> <p>The lower part consists of a data grid where the search results are displayed. Along the ship call specific data the status of the call and a list of icons of the EPC notification tabs for which data is reported:</p> <ul style="list-style-type: none"> • PSC • DPG • Cargo • Ship's stores • Waste/Waste receipt, • Security, • Crew/Passengers

- Crew effects
- Health
- Other.

The results are sorted by the ETA/ATA column in descending order.

On the leftmost columns of each notification row there is a radio button that allow the user to select the ship call. Also user can click in the row in order to select the notification represented by that row.

Then from the top of the list click on one of the buttons listed hereunder to proceed. Buttons are displayed as long as the user has selected a notification:

- Update notification.
- Re-use for new notification. Create a new notification from an existing ship call.
- Prepare departure notification.
- Show ship on map.
- View notification history
- View decisions: For the decision of each Authority the user can consult the "Decisions from all Authorities" page described in section 2.6.2.4

From the end of the page click on one of the buttons listed hereunder to:

- New departure notification. Send a new notification from the start.
- New arrival notification. Send a new notification from the start.

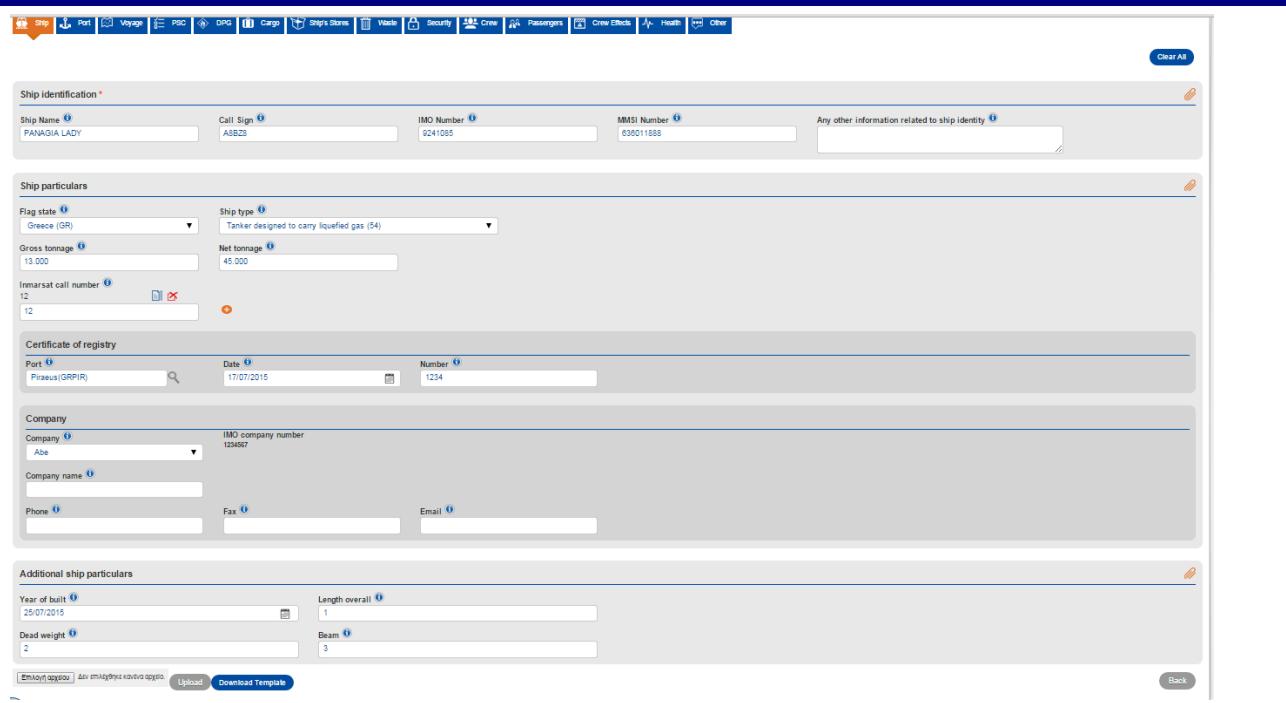
Next to each ShipCall record in the list, at the left side, the user has the option to open the full ShipCall data in a PDF or XML format. All ShipCall information will be depicted in one PDF/XML. The PDF/XML can be saved by the user or printed. For a sample snapshot of the ShipCall data in PDF/XML format please refer to Annex A: ShipCall data in Form Format.

There is also the option to view and download file attachments related to the specific ShipCall by pressing the paperclip button.

Click on the "Back" button to return to the previous page "Search Ship"

2.5.2.2 Ship

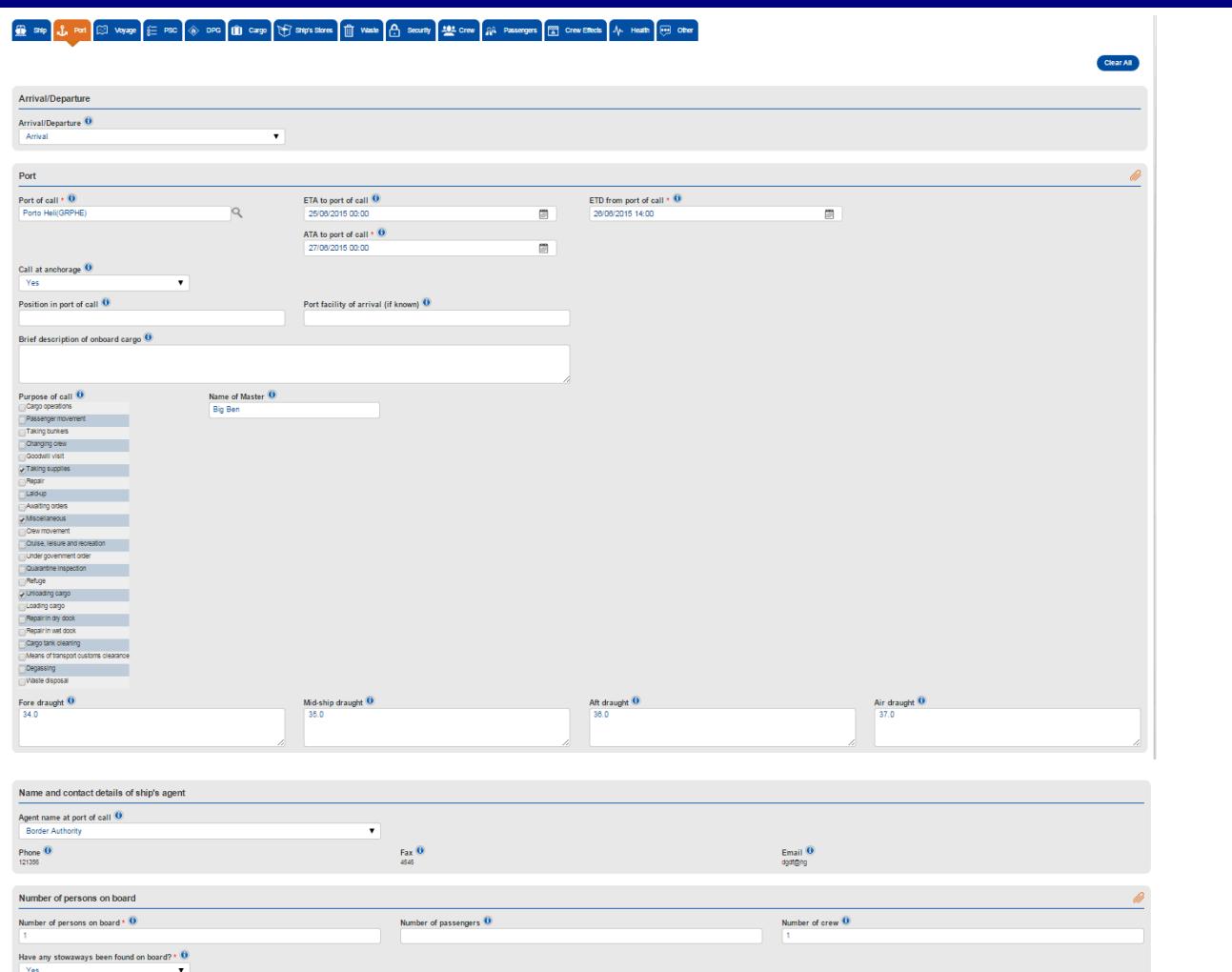
CRG – Notification – Ship Tab



Purpose:	After selecting New/Update or Use Existing Ship Call, the user is directed to the notification details and activating the Ship tab. The page provides the identification info and the particulars of the selected ship.
Navigation & User Interaction:	<p>Review the information contained in ship identification, ship particulars and additional ship particulars sections.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>If validation errors occur, they are displayed on the top of the notification details section in red colour.</p>

2.5.2.3 Port

CRG – Notification – Port Tab



Purpose:	This page contains the Port information of the notification. Mandatory information for every notification.
Navigation & User Interaction:	<p>Enter values in the fields displayed.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

2.5.2.4 Voyage

CRG – Notification – Voyage Tab

Purpose:	This page contains the Voyage information of the notification.
Navigation & User Interaction:	Enter values in the fields displayed. Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s). Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading. Press "clear all" button at the top - right side of the page to clear all data in the page. To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.5 PSC

CRG – Notification – PSC Tab

Purpose:	This page contains the Port State Control information of the notification.
Navigation & User Interaction:	<p>Enter values in the fields displayed.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

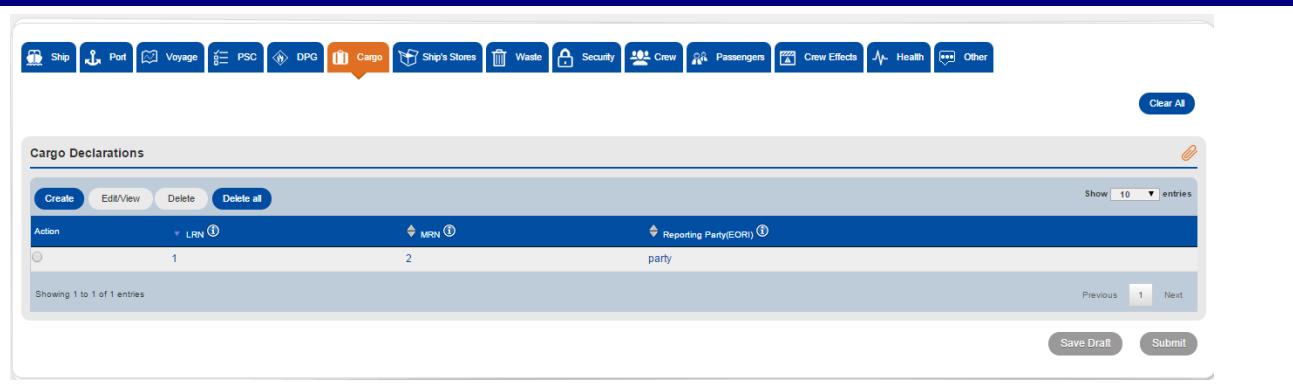
2.5.2.6 DPG

CRG – Notification – DPG Tab

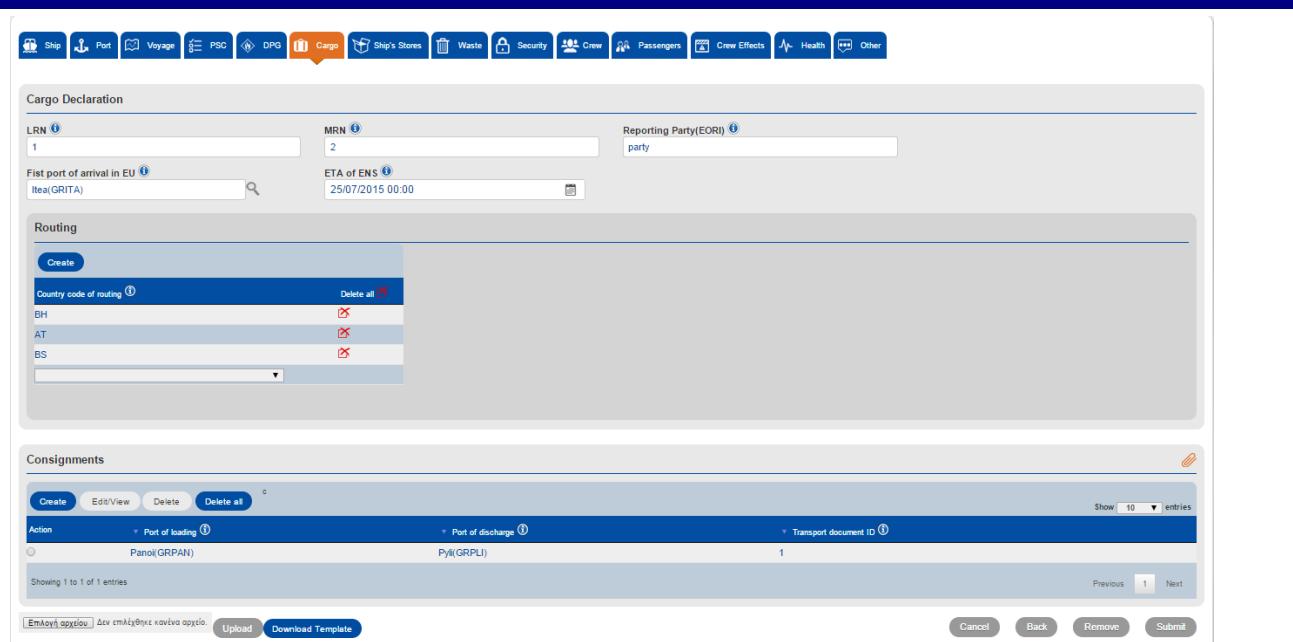
Purpose:	This page contains the Dangerous and Polluting Goods information of the notification.
Navigation & User Interaction:	<p>Enter values in the fields displayed.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

2.5.2.7 Cargo

CRG – Notification – Cargo Tab

												
Purpose:												Provide information about cargo declarations and dangerous and polluting goods
Navigation & User Interaction:												The “Cargo Declaration” is a list that may contain zero or more items each one of them representing a cargo declaration. Press the create button on the top of list create a cargo declaration in a details page (see next section). Select a cargo declaration by either click the radio button on the left side of the row or click the row. Subsequently, Press the edit button on top to edit the selected item in a details page (see next section). Press the delete icon on the top of the list to remove the selected item from the list. Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group. Press “clear all” button at the top - right side of the page to clear all data in the page. To proceed the user may press one of the buttons defined in section 2.5.2.

CRG – Notification – Cargo Tab – Cargo Declaration Details



Purpose:	Provide detailed information about cargo declarations including the list of consignments.
Navigation & User Interaction:	<p>Enter values in the fields under the "Cargo Declaration" section.</p> <p>"Routing" is a list that contains zero or more items. Press "create" to create and add an item to the list.</p> <p>A cargo declaration can contain zero or more consignments.</p> <p>"Consignments" is a list that may contain zero or more items each one representing a consignment.</p> <p>Press the create button on the top of list to create a consignment in a details page (see next section).</p> <p>Select a consignment by either click the radio button on the left side of the row or click the row. Subsequently,</p> <p>Press the edit icon on the top of the list to edit the selected item in details page (see next section).</p> <p>Press the delete icon on the top of the list to remove the selected item from the list.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>Pressing "Submit" to add the cargo declaration in the corresponding list and transfer to the cargo declaration page.</p> <p>Pressing "Remove" to remove the selected cargo declaration from the</p>

list of declarations.
Pressing "Back" to return to the main cargo declaration page.
Pressing "Cancel" to navigate back to the main page.

CRG – Notification – Cargo Tab – Consignment Details

The screenshot shows the 'CRG – Notification – Cargo Tab – Consignment Details' page. At the top, there is a navigation bar with various tabs: Ship, Port, Voyage, PSC, DPG, **Cargo**, Ship's Stores, Waste, Security, Crew, Passengers, Crew Effects, Health, and Other. Below the navigation bar, there are several sections for data entry:

- Cargo Declaration:** LRN (1) and MRN (2).
- Consignment:** Port of loading (Panaji/GRPAN), Port of discharge (Py/GRPLI), and Transport document ID (1).
- Consignment - Cargo details:** Number of items (12), UCR (555), Place whence consigned (23), Freight method of payment (AA), Goods receipt place, Number of the authorisation (123), and Additional information (add info).
- Carrier:** Name, Street and Number, Postal code, City, and Country.
- Consignor:** Name, Street and Number, Postal code, City, and Country.
- Consignee:** Name, Street and Number, Postal code, City, and Country.
- Party to be notified:** Name, Street and Number, Postal code, City, and Country.
- Cargo Items:** A table with columns for Action, Seq., Nb. of packages, Kind of packages, Description of goods, Textual reference, IMO class, Gross qty, and Net qty. Buttons for Create, Edit/View, Delete, and Delete all are at the top of the table. A message says 'No data available in table'. Buttons for Show 10 entries, Previous, Next, Cancel, Back, Remove, and Submit are at the bottom.

Purpose:	Provide detailed information about a consignment including the list of cargo items.
Navigation & User Interaction:	Enter values in the fields under the "Consignment", "Consignment - Cargo details" and "Cargo Items" sections. Section "Consignment - Cargo details" only appears if the NSW supports the relevant data group and if the user is entitled to provide the relevant data group (data group "Consignment – cargo details") "Cargo Items" section contains a list of records, where the user can select to create, edit or delete a cargo item.

To add a new cargo item to the list click on the "Create" button to open the dialog window to fill the "Cargo Items" form by entering values under the sections "Cargo Details" and "DPG details" and press "Create" button.

As a result a new item is added in the "Cargo Items" list at the bottom of the page.

Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.

Press "Submit" to add the consignment in the corresponding list and transfer to the cargo declaration details page.

Press "Remove" to remove the consignment item from the list of consignments. This button is only displayed when editing an existing consignment item and not when adding a new one.

Press "Back" to navigate back to cargo declaration details page.

Press "Cancel" to navigate to the main page.

2.5.2.8 Ship's Stores

CRG – Notification – Ship's Stores Tab

Purpose:	Provide information about the Ship's Stores.
Navigation & User Interaction:	<p>Enter values in the fields of the new Ship's Stores.</p> <p>Pressing the "Create" button to navigate to the Ship's Store entry dialog window; this page provides for a record view of the Ship's Store for data entry. Once data have been entered press "Create" to add the record in the list and the dialogue window is closed.</p> <p>Press the edit button on top to edit the selected item. Item's values are displayed in a new dialog window. After editing, press "Update" button to update the selected item in the list. Press the delete button on top to remove the selected item from the list.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the</p>

record(s).

Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.

Press “clear all” button at the top right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.9 Waste

CRG – Notification – Waste Tab

Purpose:	Provide information about the Waste and Waste Disposal.
Navigation & User Interaction:	<p>Enter values in the fields under the “Waste” and “Waste disposal information”.</p> <p>“Waste Disposal Information” is a list that may contain zero or more items.</p> <p>Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.</p> <p>Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.</p> <p>Pressing the delete button on the right of each row removes the selected item from the list.</p> <p>Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group.</p> <p>Press “Browse” to select an xlsx file containing a list of records. Press “Upload” to upload the selected file and use its data to populate the table.</p>

record(s).

Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.

Press “clear all” button at the top - right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.10 Waste Receipt

CRG – Notification – Waste Receipt Tab

Action	Waste Type	Description (when relevant)	Quantity (m3)
Waste oils - Bilge water (1200)			33.0
Garbage - Other - Rags (2303)			12.0

Purpose:	This page contains the Waste Receipt information of the notification.
Navigation & User Interaction:	Enter values in the fields under the “Reception facility” section. “Type and amount of waste received” section is a list that may contain zero or more items. Pressing “create” button to navigate to the entry dialog window (as depicted in the picture above); this page provides for a record view of the record for data entry. Once data have been entered press

"Create" to add the record in the list and return to the previous page.

Press the edit button on top to edit the selected item. Item's values are displayed in a new dialog window. After editing, press "Update" button to update the selected item in the list.

Pressing the delete button on the right of each row removes the selected item from the list.

Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.

Press "Browse" to select a csv file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).

Press "clear all" button at the top - right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.11 Security

CRG – Notification – Security Tab

List of last 10 calls at port facilities							
Action	Date of arrival	Date of departure	Port	Latitude	Longitude	Activity	Additional security measures
0	04/07/2015	11/07/2015	Edipos(GREDI)	1234	SL1	no	
Showing 1 to 1 of 1 entries							

Ship-to-ship activities							
Action	Date from	Date to	Location	Longitude	Latitude	Activity	Security measures applied in lieu
0	16/07/2015	17/07/2015	Port Hell(GRPH)	2	no		
Showing 1 to 1 of 1 entries							

Purpose:	Provide information about the Security.
Navigation & User Interaction:	Enter values in the fields under the "Security" and "Company Security Officer" sections. "Last calls at port facilities" and "Ship-to-ship activities" are lists that may contain zero or more items. For each list:

Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.

Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.

Pressing the delete button on the right of each row removes the selected item from the list.

Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group.

Press “Browse” to select an xlsx file containing a list of records. Press “Upload” to upload the selected file and use its data to populate the record(s).

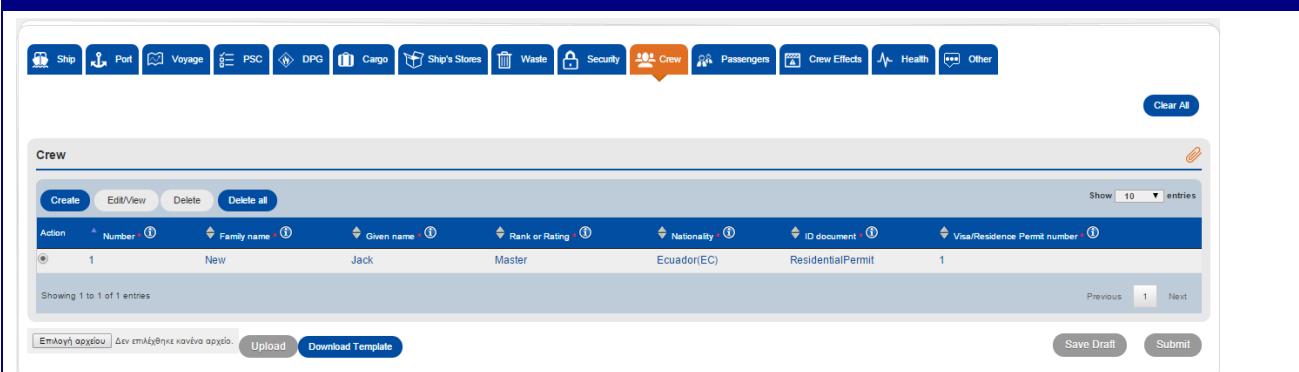
Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.

Press “clear all” button at the top - right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.12 Crew

CRG – Notification – Crew Tab

	
Purpose:	Provide information about the Crew.
Navigation & User Interaction:	<p>Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.</p> <p>Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.</p> <p>Pressing the delete button on the right of each row removes the selected item from the list.</p> <p>Press the paperclip icon on the top right of each data group’s title in</p>

order to manage file attachments related to that data group.

Press “Browse” to select an xlsx file containing a list of records. Press “Upload” to upload the selected file and use its data to populate the record(s).

Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.

Press “clear all” button at the top - right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.13 Passengers

CRG – Notification –Passengers Tab

Action	Number	Family name	Given name	Nationality	ID document	Visa/Residence Permit number	Embarkation	Disembarkation	Transit
	1	Papas	Marios	Greece(GR)	Passport	124567	Piraeus(GRPIR)	Piraeus(GRPIR)	Yes
	2	Georgiou	Nikos	France(FR)	PictureId	253637	Piraeus(GRPIR)	Piraeus(GRPIR)	Yes

Show 10 entries

Previous 1 Next

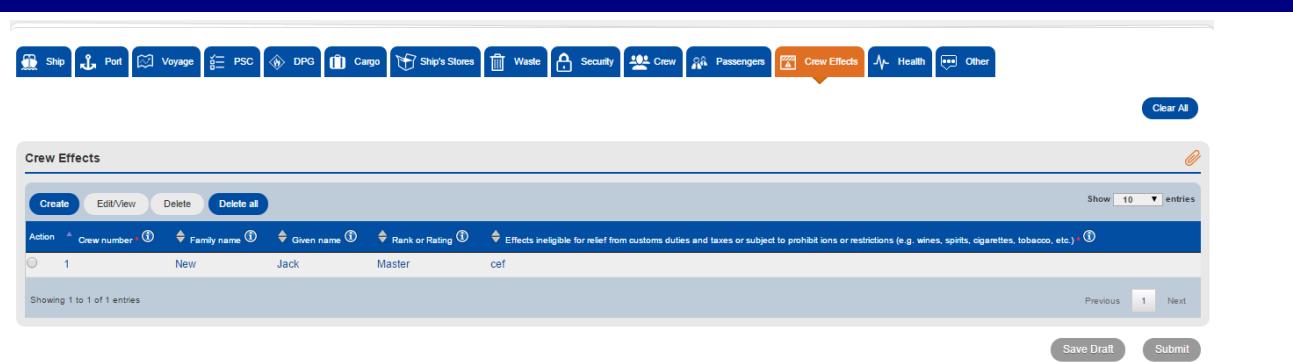
Εμπλογή αρχείου Δεν έπλαγχνηκανένα αρχείο. Upload Download Template Save Draft Submit

Purpose:	Provide information about the Passengers.
Navigation & User Interaction:	<p>Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.</p> <p>Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.</p> <p>Pressing the delete button on the right of each row removes the selected item from the list.</p> <p>Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group.</p> <p>Press “Browse” to select an xlsx file containing a list of records. Press “Upload” to upload the selected file and use its data to populate the record(s).</p> <p>Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press “clear all” button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

2.5.2.

2.5.2.14 Crew Effects

CRG – Notification – Crew Effects Tab

	
Purpose:	Provide information about the Crew Effects.
Navigation & User Interaction:	<p>Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.</p> <p>Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.</p> <p>Pressing the delete button on the right of each row removes the selected item from the list.</p> <p>Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group.</p> <p>Press “clear all” button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

2.5.2.15 Health

CRG – Notification – Health Tab

Health

Valid Sanitation Control Exemption or Control Certificate
 Yes
 Re-inspection required
 No
Visited infected area
 Yes

Issued at: Piraeus(GRPIR)
Date of Issue: 25/09/2014

Health Questions

Any person died
 Yes
 No
Disease on board
 Yes
 No
Infection condition on board
 Yes
 No
Ill persons greater than expected
 Yes
 No
Is there any sick person on board now? If YES, state particulars in MDH Attachment.
 Yes
 No
Medical consulted
 Yes
 No

Sanitary measure

Sanitary measure
 Yes

Type	Place	Date	Delete
type2	place2	15/12/2014	X
type1	place1	25/12/2014	X

Stowaways

Stowaways
 Yes

Location stowaways joined ship
location joined the ship

Is there a sick animal or pet on board?
 Yes
 No

Note: In the absence of a surgeon, the master should regard the following symptoms as grounds for suspecting the existence of a disease of an infectious nature: (a) fever persisting for several days or accompanied by (i) prostration; (ii) decreased consciousness; (iii) glandular swelling; (iv) jaundice; (v) cough or shortness of breath; (vi) unusual bleeding; or (vii) paralysis. (b) with or without fever: (i) any acute skin rash or eruption; (ii) severe vomiting (other than sea sickness); (iii) sever diarrhoea; or (iv) recurrent convulsions.

Health - MDH Attachments

Action	Crew or Passenger	Number	Family Name	Given Name	Sex	Nature of illness	Reported to port medical	Is the person still on board, was evacuated, or was buried at sea?
Passenger	1	Ntogianni	Magda	Female	illness	No	Disposal of case	

[Email to apy@ioo.gr](#) [Avr cmli@ntnu.no](#) [xaviva.apy@ioo.gr](#) [Upload](#) [Download Template](#) [Save Draft](#) [Submit](#)

Purpose:

Provide information about the Health.

Navigation & User Interaction:

Enter values in the fields under the "Health", "Health Questions" and "Health-MDH Attachments" sections.

The "Port of call in infected area" section is a list where items can be added and/or removed.

"Sanitary Measure" is also a list where items can be added and/or removed.

"Health-MDH Attachments" section is a list that may contain zero or more items.

Pressing “create” button to navigate to the entry dialog window; this page provides for a record view of the record for data entry. Once data have been entered press “Create” to add the record in the list and return to the previous page.

Press the edit button on top to edit the selected item. Item’s values are displayed in a new dialog window. After editing, press “Update” button to update the selected item in the list.

Pressing the delete button on the right of each row removes the selected item from the list.

Press the paperclip icon on the top right of each data group’s title in order to manage file attachments related to that data group.

Press “Browse” to select an xlsx file containing a list of records. Press “Upload” to upload the selected file and use its data to populate the record(s).

Press “download template” to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.

Press “clear all” button at the top - right side of the page to clear all data in the page.

To proceed the user may press one of the buttons defined in section 2.5.2.

2.5.2.16 Others

CRG – Notification – Others Tab

The screenshot displays the 'CRG – Notification – Others Tab' interface. At the top, there is a navigation bar with various icons: Ship, Port, Voyage, PSC, DPG, Cargo, Ship's Stores, Waste, Security, Crew, Passengers, Crew Effects, Health, and Other. A 'Clear All' button is located in the top right corner.

The main content area contains several data entry sections:

- Civil liability certificate for oil pollution damage:** Includes a dropdown menu for 'Full' and a date input field for 'Specify expiry date' (04/06/2015) with a comment field.
- Civil liability certificate for bunker oil pollution damage:** Includes a date input field for 'Specify expiry date' and a comment field.
- Bunkers on board:** Contains fields for 'Quantity of heavy fuel oil, in metric tons', 'Quantity of gaz oil, in metric tons', 'Quantity of marine gaz oil, in metric tons', 'Quantity of marine diesel oil, in metric tons', 'Quantity of any other type of oil, in metric tons', and a dropdown for 'Bunker delivery receipt notes of the above quantities'.
- Ship defects:** Includes fields for Hull Integrity, Manoeuvrability, Mooring, Cargo handling, Communication, Navigation, and Other.

At the bottom of the form are buttons for 'Επιλογή αρχείου' (Select file), 'Upload', 'Download Template', 'Save Draft', and 'Submit'.

Purpose:	Provide information about Civil Liability Certificates and Bunkers on board.
Navigation & User Interaction:	<p>Enter values in the fields displayed.</p> <p>Press the paperclip icon on the top right of each data group's title in order to manage file attachments related to that data group.</p> <p>Press "Browse" to select an xlsx file containing a list of records. Press "Upload" to upload the selected file and use its data to populate the record(s).</p> <p>Press "download template" to download an xlsx file which corresponds to the specific tab and when filled with data can be used for uploading.</p> <p>Press "clear all" button at the top - right side of the page to clear all data in the page.</p> <p>To proceed the user may press one of the buttons defined in section 2.5.2.</p>

2.5.3 Consult My Notifications

CRG – Consult My Notifications

Ship name	IMO Number	Port of call	ETA/ATA to port of call	ETD/ATD from port of call	Type	Call status	Request status	Formalities
ZHONG YU 1	9643752	Piraeus(GRPIR)	ETA:28/02/2014 13:25		Arrival	Arrived	Pending	[Icons]
Z-ONE	9159696	Piraeus(GRPIR)	ETA:22/10/2014 00:00		Arrival	Expected	Pending	[Icons]
YAMASAKURA	9634816	Edipsos(GREDI)	ETA:06/02/2015 00:00	ETD: 07/02/2015 00:00	Arrival	Expected	Pending	[Icons]
W-O TOPA	9285328	Skopelos(GRSKO)	ETA:07/11/2014 12:00		Arrival	Expected	Pending	[Icons]
VASILIKI	8938071	Piraeus(GRPIR)	ETA:31/01/2015 00:00	ETD: 28/02/2015 00:00	Arrival	Expected	Pending	[Icons]
VASILIKI	8938071	Delos(GRDOS)		ETD: 30/01/2015 00:00	Departure	Expected	Pending	[Icons]
VASILIKI	8938071	Piraeus(GRPIR)		ETD: 14/01/2015 00:00	Departure	Expected	Pending	[Icons]
U HAPPY	9130626	Paxi(GRPAX)	ATA:10/01/2015 00:00		Arrival	Arrived	Pending	[Icons]
TULUS	9487392	Mykonos(GRJMK)	ETA:13/06/2015 00:00	ETD: 14/06/2015 00:00	Arrival	Expected	Pending	[Icons]
TIRTA SAMUDRA XXIX	9673111	Mykonos(GRJMK)	ETA:06/06/2015 00:00	ETD: 12/06/2015 00:00	Arrival	Expected	Pending	[Icons]

Purpose:

Provide information about the acknowledgment received from the authorities to requests for clearance previously submitted by the user.

Navigation & User Interaction:

By default the application will list all requests indicating the acknowledgment status.

The user will have the option to filter the results by Ship Name, IMO Number, Port Of Call, Type(Arrival/Departure) ,Call Status, Date (ATA/ETA or ATD/ETD within selected time duration "within" criterion), and Request Status (related to the user).

There are also two more criteria:

"See only my notifications". When selected, logged in user can see only notifications submitted by him/her.

"See only notifications in my port". When selected, logged in user can see only notifications with port of call within the restriction the user has either area, location or port call restriction.

The result list displays the ShipCalls per Ship Name, IMO Number, Port of call, ETA/ATA to port of call, ETD/ATD from port of call, Date time of latest notification, Call Status and Request Status. Along the ship call specific data the status of the call and a list of icons of the EPC notification tabs for which data is reported:

- PSC
- DPG
- Cargo
- Ship's stores
- Waste/Waste receipt,
- Security,
- Crew/Passengers
- Crew effects
- Health
- Other.

Then from the end of the page click on one of the buttons listed hereunder to proceed:

- Update notification.
- Re-use for new notification. Create a new notification from an existing ship call.
- Prepare departure notification.
- Show ship on map.
- View notification history
- View decisions: For the decision of each Authority the user can consult the "Decisions from all Authorities" page described in section 2.7.2.4.

Next to each ShipCall record in the list, at the left side, the user has the option to open the full ShipCall data in a PDF or XML format. All ShipCall information will be depicted in one PDF/XML. The PDF/XML can be saved by the user or printed. For a sample snapshot of the ShipCall data in PDF/XML format please refer to Annex A: ShipCall data in Form Format.

There is also the option to view and download file attachments related to the specific ShipCall by pressing the paperclip button.

Authority name	Date issue	Date time	Decision	Comments
maghut	PRE_ARRIVAL	06/02/2015 09:33	Pending	
maghut	PORT_CALL	06/02/2015 09:33	Pending	
maghut	SHIP_IDENTIFICATION	06/02/2015 09:33	Pending	
maghut	VOYAGE	06/02/2015 09:33	Pending	
maghut	SHIP PARTICULARS	06/02/2015 09:33	Pending	
parma	VOYAGE	06/02/2015 09:33	Pending	
parma	SHIP IDENTIFICATION	06/02/2015 09:33	Pending	
parma	SHIP PARTICULARS	06/02/2015 09:33	Pending	
parma	PORT_CALL	06/02/2015 09:33	Pending	
parma	PRE_ARRIVAL	06/02/2015 09:33	Pending	
VASLUJ				
U HAPPY				
TULLUS				
TIRTA DAMURA XXXX				

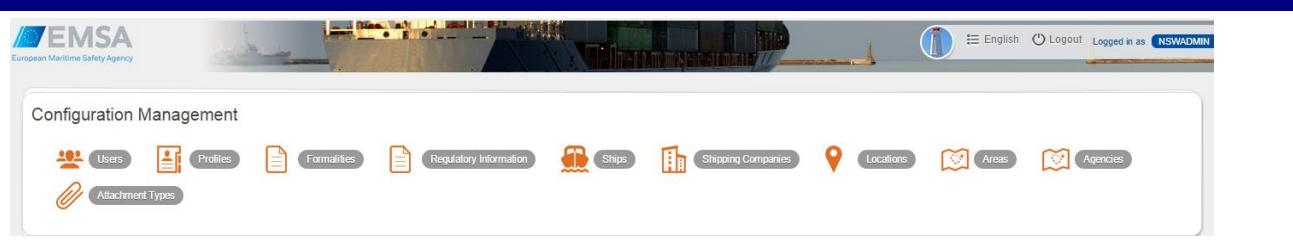
Authority name	Date issue	Date time	Decision	Comments
AUTHORITY	SHIP PARTICULARS	06/02/2015 09:33	Pending	
AUTHORITY	PORT_CALL	06/02/2015 09:33	Pending	
AUTHORITY	SHIP IDENTIFICATION	06/02/2015 09:33	Pending	
AUTHORITY	PRE_ARRIVAL	06/02/2015 09:33	Pending	
AUTHORITY	VOYAGE	06/02/2015 09:33	Pending	

Authority name	Date issue	Date time	Decision	Comments
philippe-3	PORT_CALL	06/02/2015 09:33	Pending	
philippe-3	PRE_ARRIVAL	06/02/2015 09:33	Pending	
philippe-3	SHIP PARTICULARS	06/02/2015 09:33	Pending	
philippe-3	SHIP IDENTIFICATION	06/02/2015 09:33	Pending	
philippe-3	VOYAGE	06/02/2015 09:33	Pending	

2.6 Resource Management

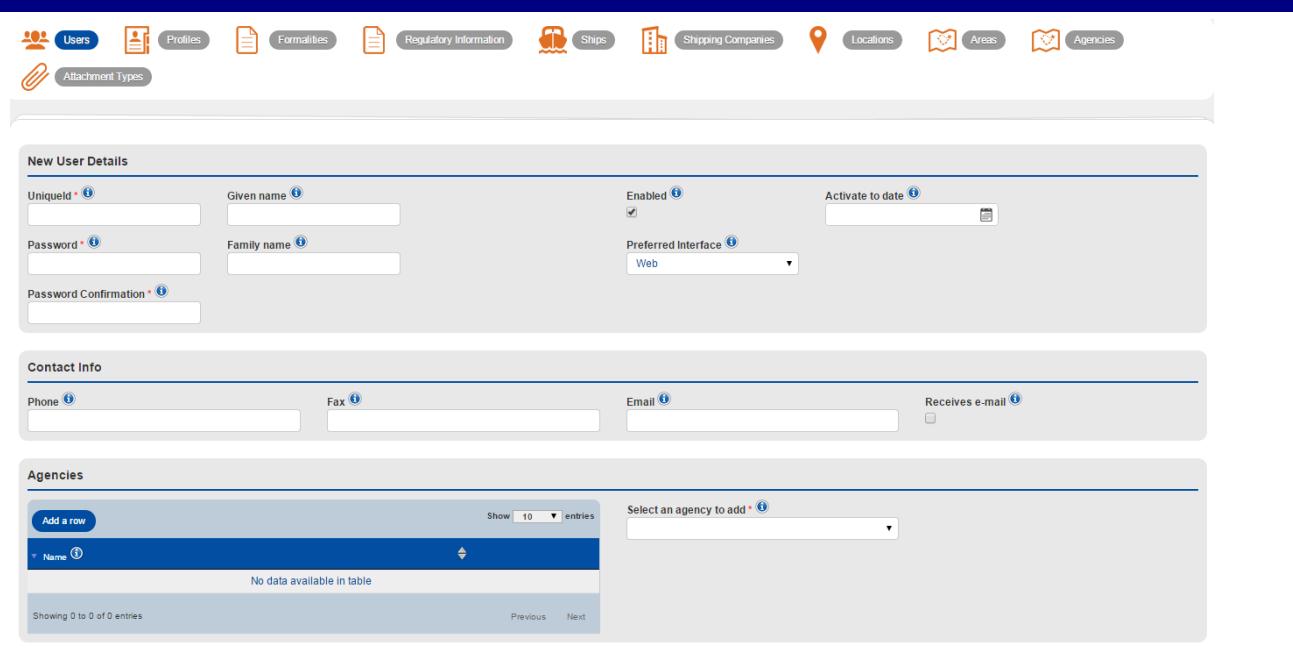
The following sub-sections describe the functionalities related to Resources Management. The Resources Management console provides functionality to Create/Edit Users, Profiles, Regulatory Information, Ships, Shipping Companies, Locations, Areas and Agencies.

2.6.1 Resources – Main Page

Resources – Home page	
	<p>Purpose: After the successful login a user is directed to the main NSW page that provides links to the Resources management console.</p> <p>Navigation & User Interaction: Click on any of the following buttons to advance to the corresponding page:</p> <ul style="list-style-type: none">• Configuration Management<ul style="list-style-type: none">◦ Users◦ Profiles◦ Regulatory Information◦ Ships◦ Shipping Companies◦ Locations◦ Areas◦ Agencies <p>Only the buttons for the functions the user is authorized are available.</p>

2.6.2 Users Management

RM - Users Management



New User Details

UniqueId * <input type="text"/>	Given name <input type="text"/>	Enabled <input checked="" type="checkbox"/> <input type="checkbox"/>	Activate to date <input type="text"/>
Password * <input type="password"/>	Family name <input type="text"/>	Preferred Interface <input type="text" value="Web"/>	
Password Confirmation * <input type="password"/>			

Contact Info

Phone <input type="text"/>	Fax <input type="text"/>	Email <input type="text"/>	Receives e-mail <input type="checkbox"/>
----------------------------	--------------------------	----------------------------	--

Agencies

Name	Select an agency to add *
No data available in table	<input type="text"/>

Purpose: Define a user account to interface NSW. For every human or system that interfaces NSW a unique user account is created by defining the attributes presented here.

Navigation & User Interaction: The data that need to be defined for the user account are:

- UniqueId / Password / Password confirmation
- Name (Given and Family Name)
- Enabled / Disabled flag
- The Activation end date
- The preferred interface type (XML / Web)
- Contact info (phone, fax and email)
- Receive e-mail: a user can be configured to receive (or not) e-mails for acknowledgment of clearance requests (if user is Ship Data Provider) and for receipt of notifications (if user is an Authority).
- Agencies
- Profiles
- Location Restriction (Country / Area / Location)
- Permissions

Select one or more Agencies.

Profiles describe groups of functionalities (Tasks) that a user may be permitted to perform (e.g. Ship Data Provider is allowed to send a Port Clearance request). A Profile may contain one or more Tasks. When a profile is selected, the tasks it contains are displayed in the Permissions table and may be assigned to the selected user. Profiles only indicate available tasks, meaning that if a task of a given profile is assigned as permission to a user, it will not be removed if that profile is modified or removed from the user.

Select one profile from the Profiles list to display the related tasks in the Permissions table.

Select the restriction type from the Restriction Type list. Enter the restriction value according to the restriction type:

- In case of location restriction, enter the location code

In case of area restriction, enter the area code Select one or more Tasks in the Permissions (Tasks) table to assign the corresponding permission to user.

Click on "Save" to save the User information in the database.

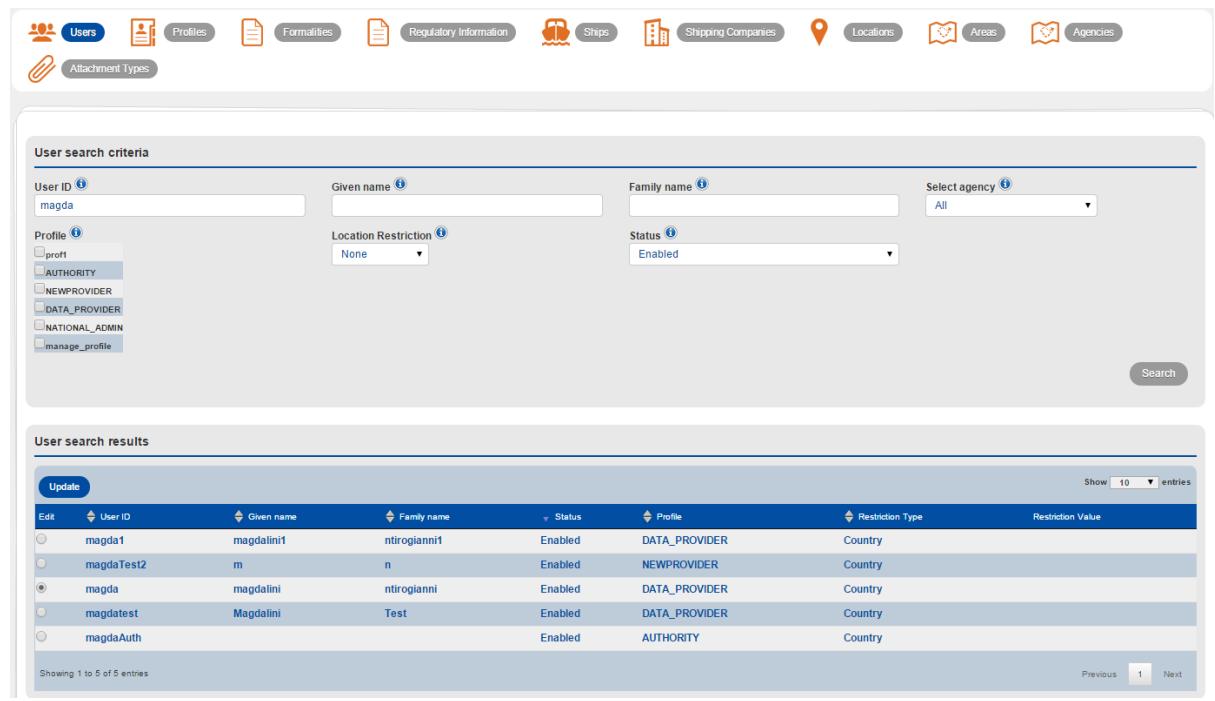
In case of Edit, a User Search>Select page is first displayed with User search criteria - as depicted in the snapshot below - in order to display the list of users satisfying the given criteria.

Status criterion has as possible selections:

- All
- Enabled
- Disabled

Then selecting a user item from the results list the User Details page is displayed. The available actions are:

- "Update", to modify the user account.
- "Back", to return to search results page.
- "Cancel", to return to main page.



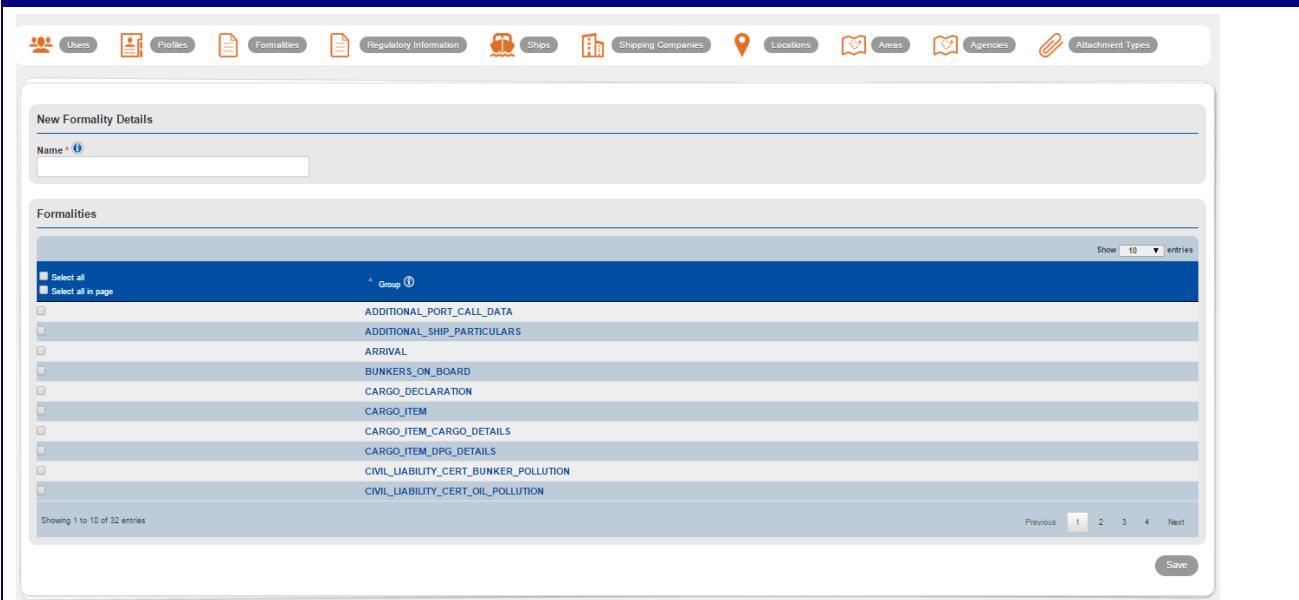
The screenshot shows the 'User search criteria' section with fields for User ID (magda), Given name (empty), Family name (empty), Select agency (All), Profile (checkboxes for prof1, AUTHORITY, NEWPROVIDER, DATA_PROVIDER, NATIONAL_ADMIN, manage_profile), Location Restriction (None), Status (Enabled), and a 'Search' button. Below this is the 'User search results' section, which displays a table of users:

	User ID	Given name	Family name	Status	Profile	Restriction Type	Restriction Value
<input checked="" type="radio"/>	magda1	magdalini1	ntirogiani1	Enabled	DATA_PROVIDER	Country	
<input checked="" type="radio"/>	magdaTest2	m	n	Enabled	NEWPROVIDER	Country	
<input checked="" type="radio"/>	magda	magdalini	ntirogiani	Enabled	DATA_PROVIDER	Country	
<input checked="" type="radio"/>	magdatest	Magdalini	Test	Enabled	DATA_PROVIDER	Country	
<input checked="" type="radio"/>	magdaAuth			Enabled	AUTHORITY	Country	

Showing 1 to 5 of 5 entries. The table includes columns for Edit, User ID, Given name, Family name, Status, Profile, Restriction Type, and Restriction Value. A 'Show' dropdown is set to 10 entries. Navigation buttons for Previous, Next, and a page number 1 are at the bottom.

2.6.3 Formalities Management

RM - Formalities Management



The screenshot shows a web-based application interface for managing formalities. At the top, there is a navigation bar with various icons and links: Users, Profiles, Formalities (which is the active tab), Regulatory Information, Ships, Shipping Companies, Locations, Areas, Agencies, and Attachment Types. Below the navigation bar, the main content area has a header "New Formality Details". It contains a "Name" input field with a mandatory indicator (*). Below this is a section titled "Formalities" containing a list of items. On the left, there are checkboxes for "Select all" and "Select all in page". On the right, there is a "Group" button with a help icon. The list includes: ADDITIONAL_PORT_CALL_DATA, ADDITIONAL_SHIP PARTICULARS, ARRIVAL, BUNKERS_ON_BOARD, CARGO_DECLARATION, CARGO_ITEM, CARGO_ITEM_CARGO_DETAILS, CARGO_ITEM_DPG_DETAILS, CIVIL LIABILITY CERT_BUNKER POLLUTION, and CIVIL LIABILITY CERT_OIL POLLUTION. At the bottom of the list, it says "Showing 1 to 10 of 32 entries" and has a "Save" button.

Purpose:	Define a formality.
Navigation & User Interaction:	<p>The data that need to be defined for formality are</p> <ul style="list-style-type: none">• Name• Data groups <p>Enter a name for the formality. Name is mandatory.</p> <p>Select one or more data groups by checking the box left to each data group.</p> <p>Click on "Save" to save the formality information in the database.</p> <p>In case of Edit, a formality search/select page is first displayed, with formality search criteria in order to display the list of formalities satisfying the given criteria. Then selecting a formality from the results list the formality details page is displayed. The available actions are:</p> <ul style="list-style-type: none">• "Update", to modify the selected formality.• "Delete", to delete the selected formality.

2.6.4 Regulatory Information management

RM – Regulatory Information Management

Formalities

- Arrival
- DPG
- Health
- Passengers
- allGroups
- cargo declaration
- cargo item
- formalityWaste

Regulatory Information

Group	Code	Name	Definition	Occurrence	Data Type	Arrival/Departure	Supported	
01.Ship identification								
		CallSign	Call sign	Call sign for the ship. Sequence of letters and numbers, unique to each ship by which ships can be identified usually in radio communications.	0..1	Text	BOTH	<input checked="" type="checkbox"/>
		Comment	Comment	Any other information related to ship identity	0..1	Text	ARRIVAL	<input checked="" type="checkbox"/>
		IMONumber	IMO number	7 digit IMO number of the ship	0..1	Text	BOTH	<input checked="" type="checkbox"/>
		MMSINumber	MMSI number	9 digit number identifying the ship station	0..1	Text	BOTH	<input checked="" type="checkbox"/>
		ShipName	Ship name	Name of the ship	0..1	Text	BOTH	<input checked="" type="checkbox"/>
02.Ship particulars								
		CertificateOfRegistry Date	Certificate of registry - Date	Date of issue of certificate of registry	0..1	Date	BOTH	<input checked="" type="checkbox"/>
		CertificateOfRegistry Number	Certificate of registry - Number	Number of the certification of registry	0..1	Text	BOTH	<input checked="" type="checkbox"/>
		CertificateOfRegistry Port	Certificate of registry - Port	Port where the certificate of registry was issued	0..1	Text	BOTH	<input checked="" type="checkbox"/>

Showing 1 to 10 of 310 entries

Show entries

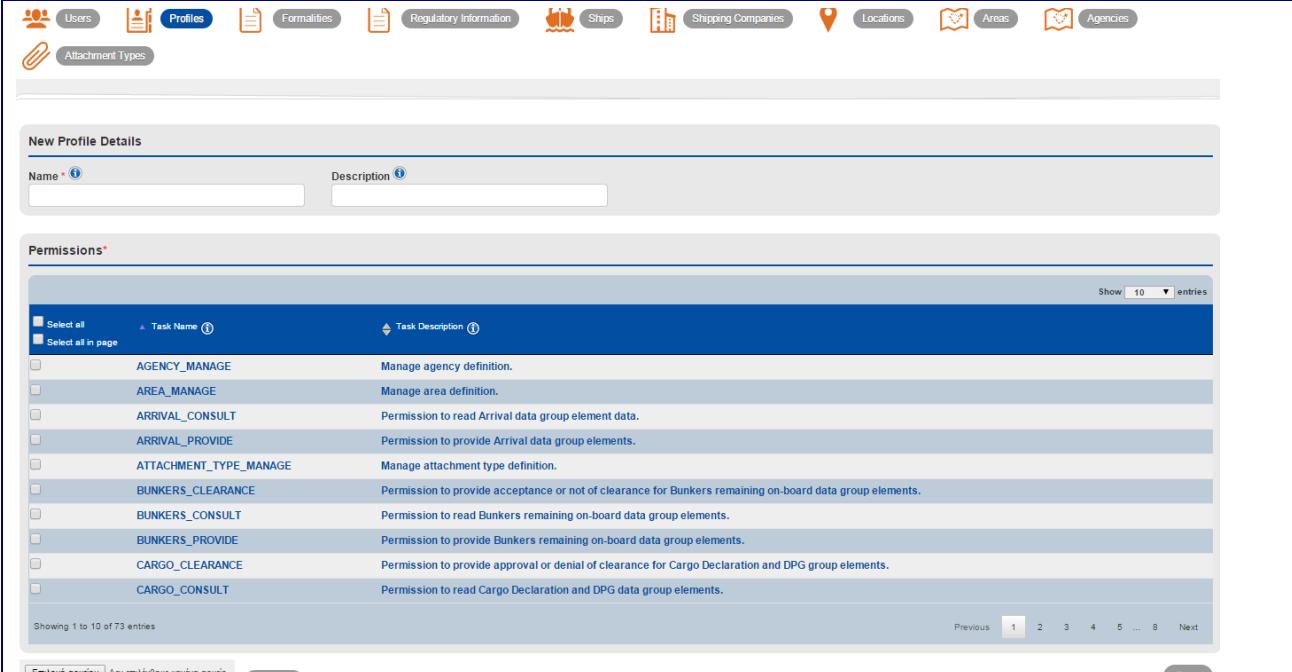
Previous ... Next

Update

<p>Purpose:</p>	Define the set of Data Groups supported by NSW. The Ship Identification and Port Call data groups are supported by default and cannot be excluded.
<p>Navigation & User Interaction:</p>	<p>Select one or more formalities by checking the box left to each one. After selecting a formality, all the data groups (and data group's elements) that the selected formality contains have the supported checkbox checked in the Regulatory Information table below.</p> <p>User has also the option to uncheck a box and as a result define a group or group's element not supported.</p> <p>Concerning "Regulatory Information", all data groups are displayed in multiple pages. The user can navigate back and forth to all the pages. For each data group a checkbox is displayed to define if the given data group is supported or not.</p> <p>Only the supported data groups are allowed to be defined in the ShipCall notification details page.</p>

2.6.5 Profiles Management

RM - Profiles Management



<input type="checkbox"/> Select all	Task Name <small>ⓘ</small>	Task Description <small>ⓘ</small>
<input type="checkbox"/>	AGENCY_MANAGE	Manage agency definition.
<input type="checkbox"/>	AREA_MANAGE	Manage area definition.
<input type="checkbox"/>	ARRIVAL_CONSULT	Permission to read Arrival data group element data.
<input type="checkbox"/>	ARRIVAL_PROVIDE	Permission to provide Arrival data group elements.
<input type="checkbox"/>	ATTACHMENT_TYPE_MANAGE	Manage attachment type definition.
<input type="checkbox"/>	BUNKERS_CLEARANCE	Permission to provide acceptance or not of clearance for Bunkers remaining on-board data group elements.
<input type="checkbox"/>	BUNKERS_CONSULT	Permission to read Bunkers remaining on-board data group elements.
<input type="checkbox"/>	BUNKERS_PROVIDE	Permission to provide Bunkers remaining on-board data group elements.
<input type="checkbox"/>	CARGO_CLEARANCE	Permission to provide approval or denial of clearance for Cargo Declaration and DPG group elements.
<input type="checkbox"/>	CARGO_CONSULT	Permission to read Cargo Declaration and DPG data group elements.

Showing 1 to 10 of 73 entries

Previous 1 2 3 4 5 ... 8 Next

Επιλογή αρχείου Δεν επιλέχθηκε κανένα αρχείο Upload Save

Purpose:	Define a user Profile. For every human or system that interfaces NSW a user profile is assigned by defining the attributes presented here.
Navigation & User Interaction:	<p>The data that need to be defined for the profile are:</p> <ul style="list-style-type: none"> • Name • Description • Permissions <p>Profiles describe groups of functionalities (Tasks) that a user may be permitted to perform (e.g. Ship Data Provider is allowed to send a Port Clearance request). A Profile may contain one or more Tasks. When a profile is selected, the tasks it contains are displayed in the Permissions table and may be assigned to the selected user. Profiles only indicate available tasks, meaning that if a task of a given profile is assigned as permission to a user, it will not be removed if that profile is modified or removed from the user.</p> <p>Click on "Save" to save the Profile information in the database. In case of Edit, a Profile Search>Select page is first displayed, with Profile search criteria in order to display the list of profiles satisfying the given criteria. Then selecting a profile item from the results list the Profile Details page is displayed. The available actions are:</p> <ul style="list-style-type: none"> • "Update", to modify the profile. • "Delete", to delete the profile

2.6.6 Ship Management

RM – Ships Management

Purpose:	Define a ship in NSW. Provide information about the ship identification (e.g. IMO and MMSI number) and the ship particulars (e.g. flag state).
Navigation & User Interaction:	<p>The data that need to be defined for the ship are:</p> <ul style="list-style-type: none"> • Ship Identification <ul style="list-style-type: none"> ◦ Ship name ◦ Call sign ◦ IMO Number ◦ MMSI Number ◦ Any other information related to ship identity • Ship Particulars <ul style="list-style-type: none"> ◦ Flag state ◦ Certificate of registry – Port ◦ Certificate of registry – Date ◦ Certificate of registry – Number ◦ Gross tonnage ◦ Net tonnage ◦ Ship type ◦ Company • 24 hour contact details <ul style="list-style-type: none"> ◦ Given name ◦ Family name ◦ 24 hour contact details <ul style="list-style-type: none"> ▪ Phone ▪ Fax ▪ Email <p>Click on "Save" to save the Ship information in the database.</p> <p>In case of Edit, a Ship Search>Select page is first displayed, with Ship search criteria in order to display the list of ships satisfying the given criteria. Then selecting a ship item from the results list the Ship Details page is displayed. The available actions are:</p> <ul style="list-style-type: none"> • "Update", to modify the ship. • "Delete", to delete the ship.

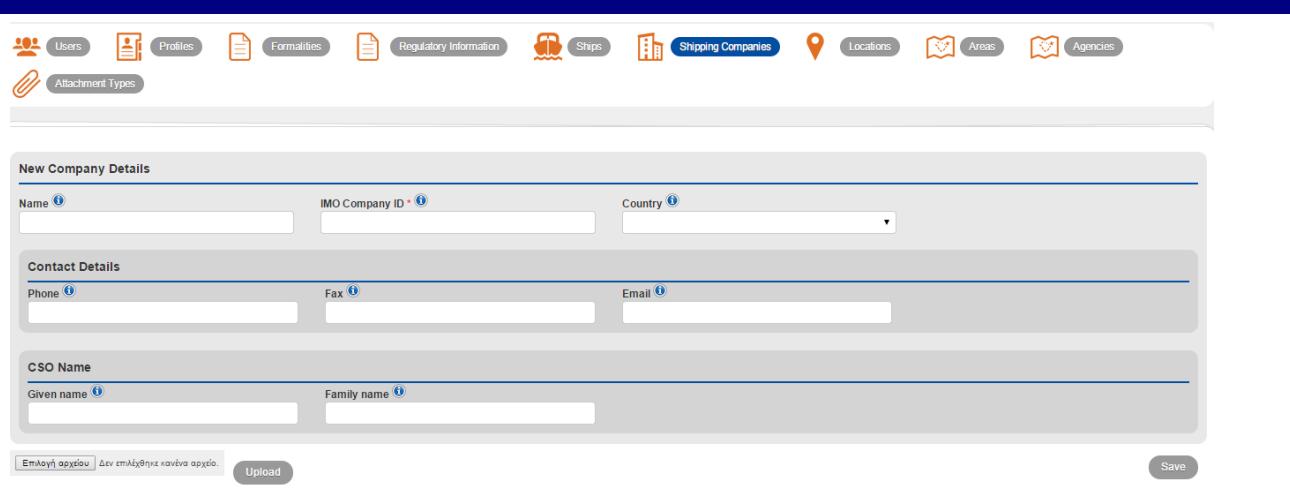
RM – Get Ships from SafeSeaNet

Purpose:	Request from the SSN Central Ships Database (CSD) the list of Ships and the subscription to CSD service for a specific period to receive Ship record updates.
Navigation & User Interaction:	<p>The user selects the menu option Ships > "Get Ships from SafeSeaNet".</p> <p>Check box "Get ships from SafeSeaNet" to subscribe to the</p>

SafeSeaNet service for ship particulars notification updates.
Uncheck box “Get ships from SafeSeaNet” to un-subscribe to the SafeSeaNet service.
The system will prompt the user to confirm the selection made.
“Last Update Received” (display only): will display the timestamp of the last update.
Click on Update to save changes.

2.6.7 Shipping Companies Management

RM – Shipping Companies Management



The screenshot shows the 'RM – Shipping Companies Management' interface. At the top, there is a navigation bar with icons for Users, Profiles, Formalities, Regulatory Information, Ships, Shipping Companies (which is highlighted in blue), Locations, Areas, and Agencies. Below the navigation bar is a toolbar with an attachment icon and a dropdown menu labeled 'Attachment Types'. The main area is titled 'New Company Details' and contains fields for Name, IMO Company ID, Country, Contact Details (Phone, Fax, Email), and CSO Name (Given name, Family name). There are also buttons for 'Upload' and 'Save' at the bottom right.

Purpose: Define Shipping Company in NSW.

Navigation & User Interaction: The data that need to be defined for the shipping company are:

- Company Details
 - Name
 - IMO Company ID
 - Country
- Contact Numbers
 - Phone
 - Fax
 - Email
- CSO Name
 - CSO Given name
 - CSO Family name

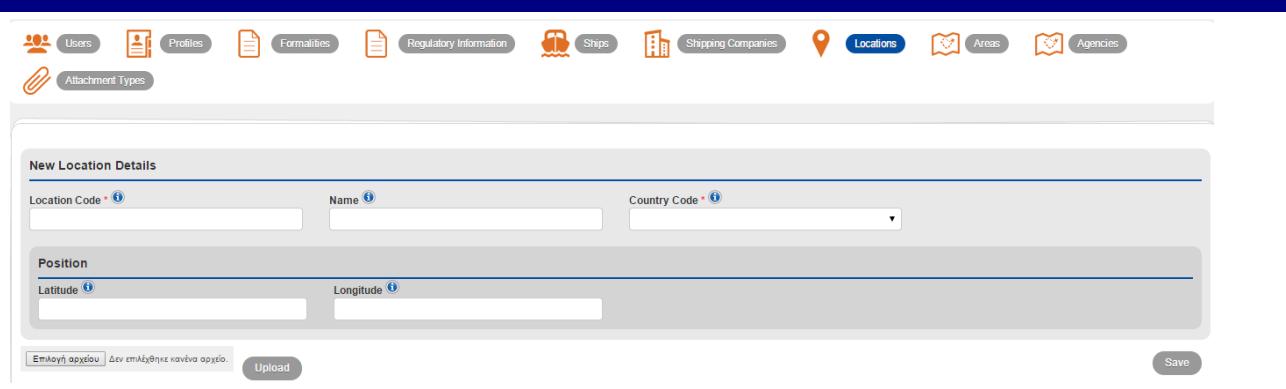
Click on “Save” to save the Shipping Company information in the database.

In case of Edit, a Shipping Company Search>Select page is first displayed, with Company search criteria in order to display the list of companies satisfying the given criteria. Then selecting a company item from the results list the Company Details page is displayed. The available actions are:

- “Update”, to modify the company.
- “Delete”, to delete the company.

2.6.8 Locations Management

RM – Locations Management



Purpose: Define a Location in NSW.

Navigation & User Interaction: The data that need to be defined for the location are:

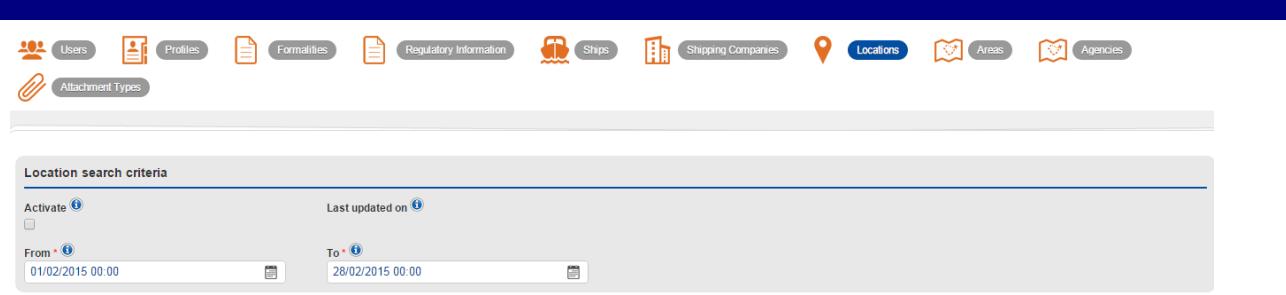
- Location details
 - Location Code
 - Name
 - Country Code
- Position
 - Latitude
 - Longitude

Click on “Save” to save the Location information in the database.

In case of Edit, a Location Search>Select page is first displayed, with Location search criteria in order to display the list of locations satisfying the given criteria. Then selecting a location item from the results list the Location Details page is displayed. The available actions are:

- “Update”, to modify the location.
- “Delete”, to delete the location.

RM – Get locations from SafeSeaNet

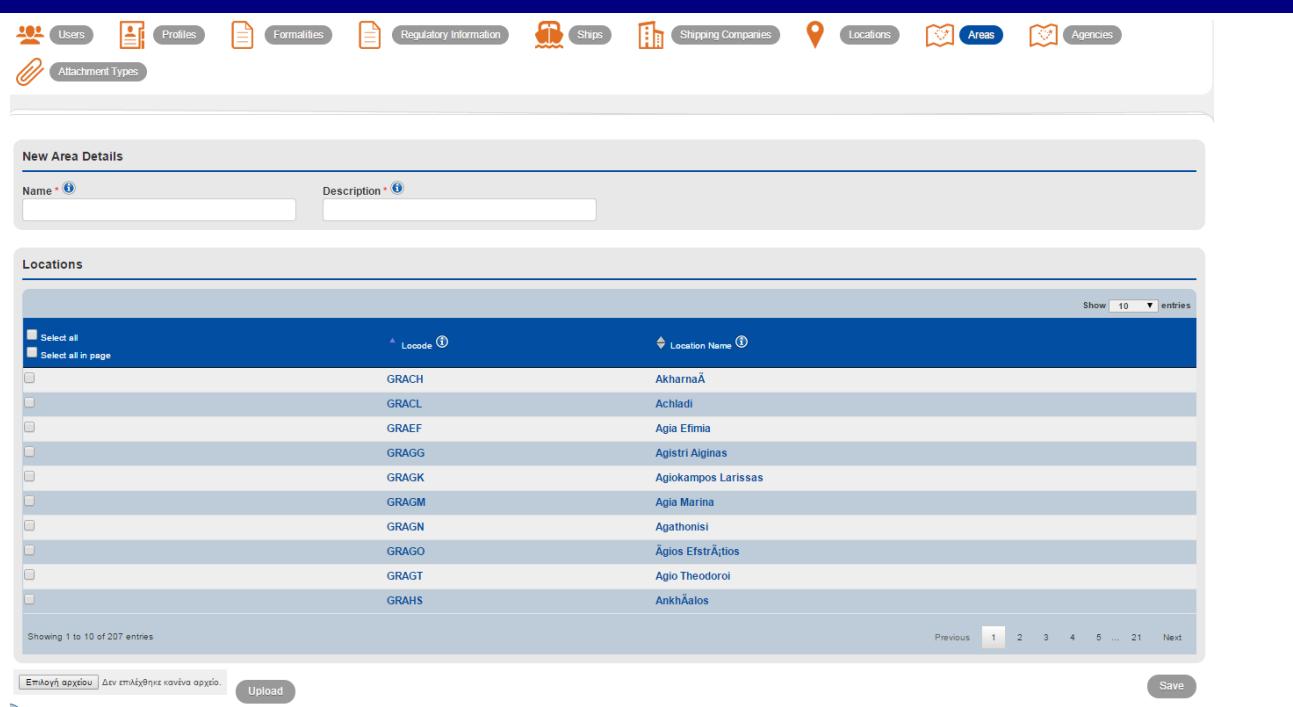


Purpose: Request from the SSN Central Locations Database (CLD) the list of Locations and the subscription to CLD service for a specific period to

	receive location record updates.
Navigation & User Interaction:	<p>The user selects the menu option Locations > "Get Locations from SafeSeaNet".</p> <p>Check box "Get locations from SafeSeaNet" to subscribe to the CLD service for Location update notifications.</p> <p>Un check box "Get locations from SafeSeaNet" to stop the processing of the CLD notifications for Location updates.</p> <p>The system will prompt the user to confirm the selection made.</p> <p>"Last Update Received" (display only): will display the timestamp of the last update.</p> <p>Select the period (From – To) to subscribe to the CLD service to receive location record updates.</p> <p>Click on Update to save changes.</p>

2.6.9 Areas management

RM – Areas Management



The screenshot shows the RM – Areas Management interface. At the top, there is a navigation bar with icons for Users, Profiles, Formalities, Regulatory Information, Ships, Shipping Companies, Locations, Areas, and Agencies. Below the navigation bar, there is a section titled "New Area Details" with fields for "Name" and "Description". Under the "Locations" section, there is a table listing various locations with columns for "Locode" and "Location Name". The table includes pagination and search/filter options. At the bottom, there are buttons for "Save" and "Upload".

Locations		
<input type="checkbox"/> Select all	Locode	Location Name
<input type="checkbox"/>	GRACH	AkharnaÃ
<input type="checkbox"/>	GRALI	Achladi
<input type="checkbox"/>	GRAEF	Agia Efimia
<input type="checkbox"/>	GRAGG	Agistri Aiginas
<input type="checkbox"/>	GRAK	Agiokampos Larissas
<input type="checkbox"/>	GRAGM	Agia Marina
<input type="checkbox"/>	GRAGN	Agathonisi
<input type="checkbox"/>	GRAGO	Ãgios EfstrÃtios
<input type="checkbox"/>	GRAGT	Agio Theodoroi
<input type="checkbox"/>	GRAHS	AnkhÃalos

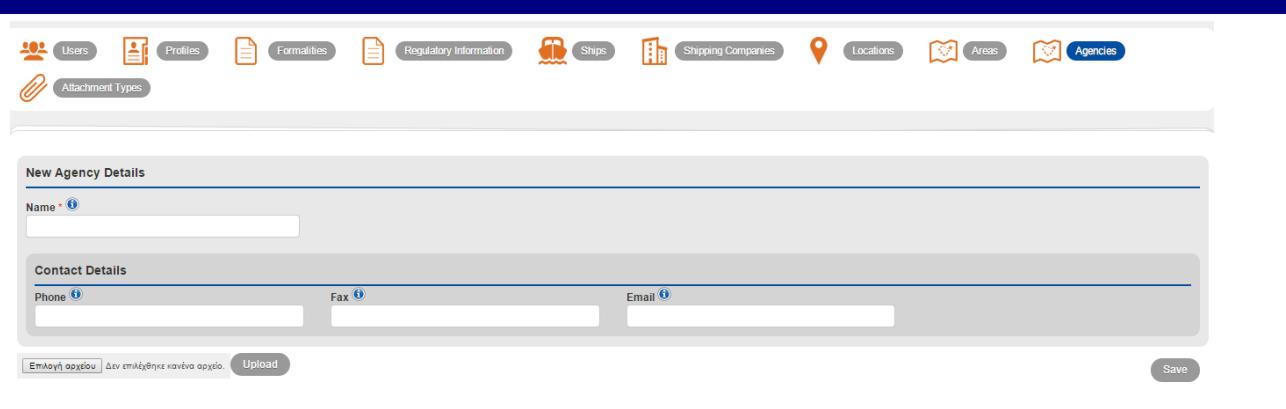
Purpose:	Define an Area in NSW. An area is defined as collection of locations.
Navigation & User Interaction:	<p>The data that need to be defined for the Area are:</p> <ul style="list-style-type: none"> • Area details <ul style="list-style-type: none"> ◦ Name ◦ Description • Locations <ul style="list-style-type: none"> ◦ Select one or more locations. <p>Click on "Save" to save the Area information in the database.</p>

In case of Edit, an Area Search>Select page is first displayed, with Location search criteria in order to display the list of areas satisfying the given criteria. Then selecting an area item from the results list the Area Details page is displayed. The available actions are:

- “Update”, to modify the Area.
- “Delete”, to delete the Area.

2.6.10 Agencies Management

RM – Agencies Management



The screenshot shows the 'RM - Agencies Management' interface. At the top, there is a navigation bar with various icons and links: Users, Profiles, Formalities, Regulatory Information, Ships, Shipping Companies, Locations, Areas, and Agencies. Below the navigation bar, there is a sub-navigation section for 'Attachment Types'. The main area is titled 'New Agency Details' and contains fields for 'Name' (with a red asterisk indicating it is required), 'Contact Details' (including Phone, Fax, and Email), and an 'Upload' button for attachments. A note at the bottom left says 'Επιλογή αρχείου Δεν επιλέχθηκε κανένα αρχείο.' and a 'Save' button at the bottom right.

Purpose: Define an Agency in NSW.

Navigation & User Interaction: The data that need to be defined for an Agency are:

- Agency Details
 - Name
- Contact Details
 - Phone
 - Fax
 - Email

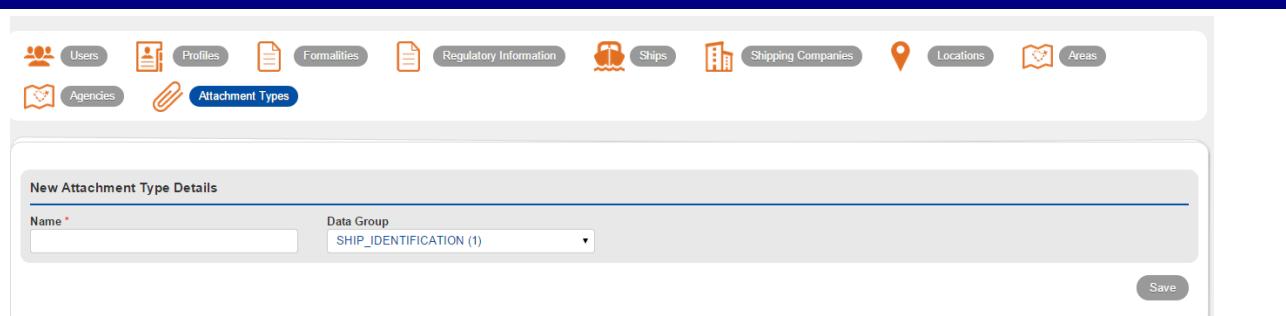
Click on “Save” to save the Agency’s information in the database.

In case of Edit, An Agency Search>Select page is first displayed, with Company search criteria in order to display the list of Agencies satisfying the given criteria. Then selecting an Agency item from the results list the Agency’s Details page is displayed. The available actions are:

- “Update”, to modify the Agency.
- “Delete” to delete the Agency

2.6.11 Attachment Types Management

RM – Attachment Types Management



Purpose:	Define an attachment type.
Navigation & User Interaction:	<p>The data that need to be defined for the attachment type are:</p> <ul style="list-style-type: none"> • The name • The Data group <p>Click on "Save" to save the attachment type information in the database.</p> <p>In case of Edit, an Attachment Type Search>Select page is first displayed, with Attachment Type search criteria in order to display the list of attachment types satisfying the given criteria. Then selecting an attachment type item from the results list the Attachment Type Details page is displayed. The available actions are:</p> <ul style="list-style-type: none"> • "Update", to modify the attachment type. • "Delete", to delete the attachment type. • "Back" to return to the result's page.

2.7 Authority Information Exchange

2.7.1 AIE – Main Page

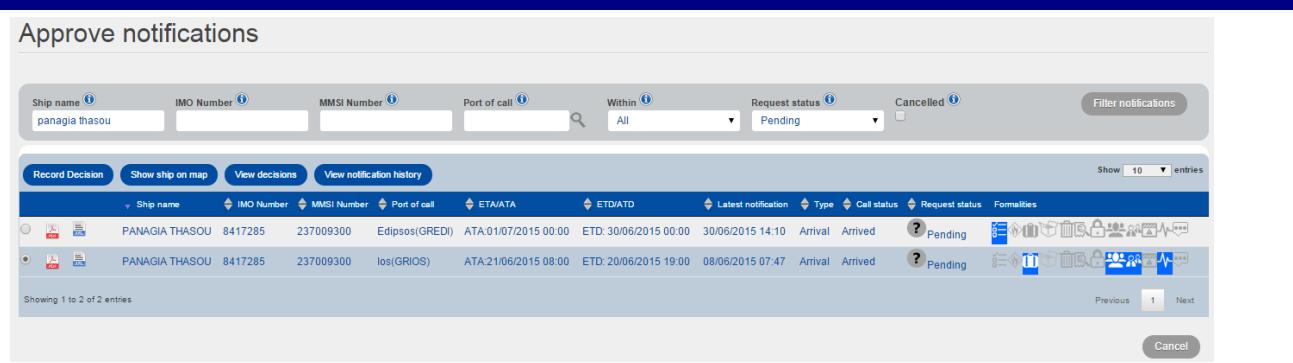


Purpose:	Provide the Authority with the functionality for the Acknowledge to the Port Clearance Request.
Navigation & User Interaction:	Click on "New Search" button to navigate to the corresponding page.

2.7.2 Port Clearance Request Decision

2.7.2.1 Approve Notifications

AIE – Approve Notifications



The screenshot shows a search interface for ship notifications. At the top, there are input fields for Ship name (panagia thasou), IMO Number, MMSI Number, Port of call, Within date range (All), Request status (Pending), and Cancelled status. Below the search bar is a toolbar with buttons for Record Decision, Show ship on map, View decisions, and View notification history. The main area displays a table of notifications with columns: Ship name, IMO Number, MMSI Number, Port of call, ETA/ATA, ETD/ATD, Latest notification, Type, Call status, Request status, and Formalities. Two entries are listed:

Ship name	IMO Number	MMSI Number	Port of call	ETA/ATA	ETD/ATD	Latest notification	Type	Call status	Request status	Formalities
PANAGIA THASOU	8417285	237009300	Edipsos(GREDI)	ATA:01/07/2015 00:00	ETD: 30/06/2015 00:00	30/06/2015 14:10	Arrival	Arrived	Pending	[Icons]
PANAGIA THASOU	8417285	237009300	Ios(GRIOS)	ATA:21/06/2015 08:00	ETD: 20/06/2015 19:00	08/06/2015 07:47	Arrival	Arrived	Pending	[Icons]

At the bottom, there are buttons for Previous, Next, and Cancel.

Purpose: This page is used for searching and listing notifications based on the search criteria. The search criteria contain the ship name, the IMO number, the MMSI number, the port of call, the Approval Status, the type of ship call (Arrival/departure), the date ("within" filter – see chapter 2.5.2.1) and the status Cancel. It shall be noted that the Request Status refers to the decisions recorded by the user. For the decision of each Authority user the user can consult the "Decisions from all Authorities" page described in section 2.7.2.4.

Navigation & User Interaction: Select "Record Decision" from the menu. Enter the search criteria and click the "Search" button. By default the page will list the ShipCalls with status = "Pending". The list of ShipCalls is restricted to the ports the user is entitled to. The search results may be split in multiple pages. Along the ship call specific data the status of the call and a list of icons of the EPC notification tabs for which data is reported:

- PSC
- DPG
- Cargo
- Ship's stores
- Waste/Waste receipt,
- Security,
- Crew/Passengers
- Crew effects
- Health
- Other.

The results are sorted by the ETA/ATA column in descending order. On the leftmost column of each notification row there is a radio button that allow the user to select the ship call. The ship call can also be selected by clicking on the corresponding row. Subsequently, a list of buttons is displayed on the top of the results'

table.

Click the “Record decision” button to open the notification tabs. On the Notification Details page, the authority can navigate through the notification tabs to review the info of each tab.

Click the “show ship on map” button to navigate to the NSW-GI interface and display the ship track on the map (see section 2.7).

Click the “View decisions” button, to view the decisions per agency.

Click the “View notification history” button to view the history of notifications.

Next to each ShipCall record in the list, at the left side, the user has the option to open the full ShipCall data in a PDF or XML format. All ShipCall information will be depicted in one PDF/XML. The PDF/XML can be saved by the user or printed. For a sample snapshot of the ShipCall data in PDF/XML format please refer to Annex A: ShipCall data in Form Format.

There is also the option to view and download file attachments related to the specific ShipCall by pressing the paperclip button.

2.7.2.2 Register Decision

An authority can register the decision per data grouped by the information included in a given tab. The screen shot below depicts the web page layout for the data groups in the Ports tab. Similarly the decision can be registered for each tab provided the authority has the access rights to decide for the data groups in the tab.

It shall be noted that an acknowledgment message when distributed to ship data providers are also sent to the addresses recorded in the user accounts. For the e-mail template and content please refer to Annex B: E-mail Templates.

The option to approve all data groups which are relevant to the Authority is also provided.

AIE – Acknowledgement – Port tab

Ship name: PANAGIA THASOU Call Sign: SV9864 IMO No: 8417285 MMSI: 237009300 Flag: GR

Ship Port Cargo Crew Passengers Health

Comments

Accepted Not Accepted

Arrival/Departure

Arrival/Departure Arrival

Port

Port of call Ios(GRIOS)	ETA to port of call 20/06/2015 08:00	ETD from port of call 20/06/2015 19:00	ATA to port of call 21/06/2015 08:00
Call at anchorage Yes	Position in port of call	Port Facility of arrival (if known)	
Brief description of onboard cargo	Purpose of call		
Fore draught	Mid-ship draught	Aft draught	Air draught

Agent contact details at port of call

Agent name at port of call	Phone	Fax	Email
----------------------------	-------	-----	-------

Number of persons on board

Number of persons on board 4	Number of crew 2	Number of passengers 2
---------------------------------	---------------------	---------------------------

Have any stowaways been found on board?

Back to Search Results Decisions from all Authorities Notification history Submit

AIE – Acknowledgement – Passengers tab

Ship Port Cargo Crew Passengers Health

Comments

Accepted Not Accepted

Passengers

Number	Family name	Given name	Country Of Birth	Nationality	Date of birth	Place of birth	ID document	ID number	Visa/Residence Permit number	Embarkation	Disembarkation Port	Transit
1	Papas	Marios	CH	GR	12/09/1980	Athens	Passport	1267	124567	Piraeus(GRPIR)	Piraeus(GRPIR)	Yes
2	Georgiou	Nikos	DE	FR	12/10/1983	Berlin	MusterBook	fgr123212	253637	Piraeus(GRPIR)	Piraeus(GRPIR)	Yes

Show 10 entries

Showing 1 to 2 of 2 entries

Previous 1 Next

Back to Search Results Decisions from all Authorities Notification history Submit

Purpose:

Provide two examples

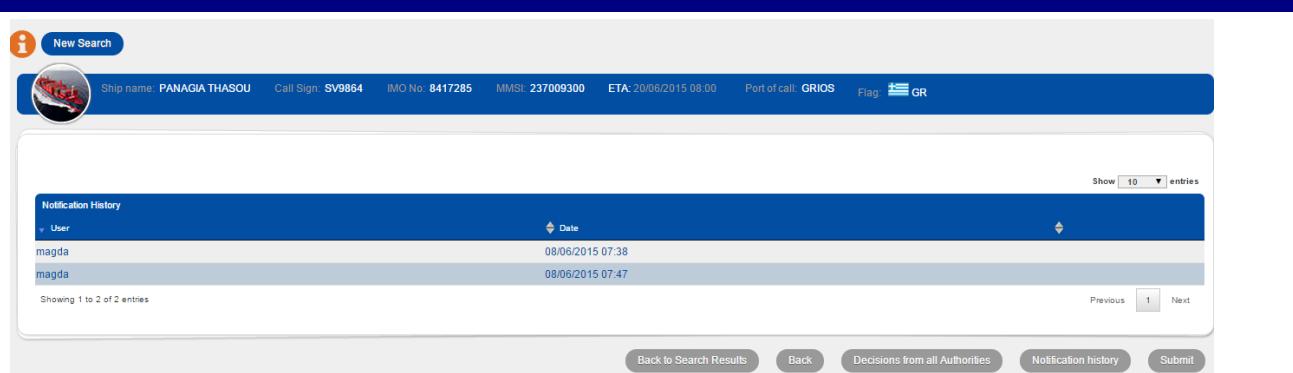
- Viewing the Port information and registering the decision for the clearance request.
- Viewing the Passengers information and registering the decision for the clearance request.

The ship call data per tab are non-editable; the user can only view the data.

Navigation & User Interaction:	<p>Navigate to the Port tab: The tabs are displayed or hidden according to the user's access right for each tab. The administrator should always grant the "Ship" and "Port" Clearance permissions to the authorities. The authority may record its decision for each data group separately. The decision can be one of "Accepted" or "Not Accepted". By default, decision is "Pending" The option to records a decision for all data groups is also given. The authority may define in the comments field the missing information to be requested from the Ship Data Providers, or any information it may want to communicate to the Ship Data Providers. Click the "Accepted" checkbox to accept the Port information. Click the "Not Accepted" radio button to discard the Port information. The comments text field is displayed to state the reason of non-acceptance or any comments from the authority regarding the data groups of the selected tab, regardless of the decision taken. Click "Notification History" to display the list of notifications submitted by the ship data providers for the given Ship Call. Click "Decisions from all Authorities" to display the decisions registered by the authorities (so far) for the given Ship Call. Click the "Submit" button to submit the decision(s).</p>
---	--

2.7.2.3 Notification History

AIE – Notification History



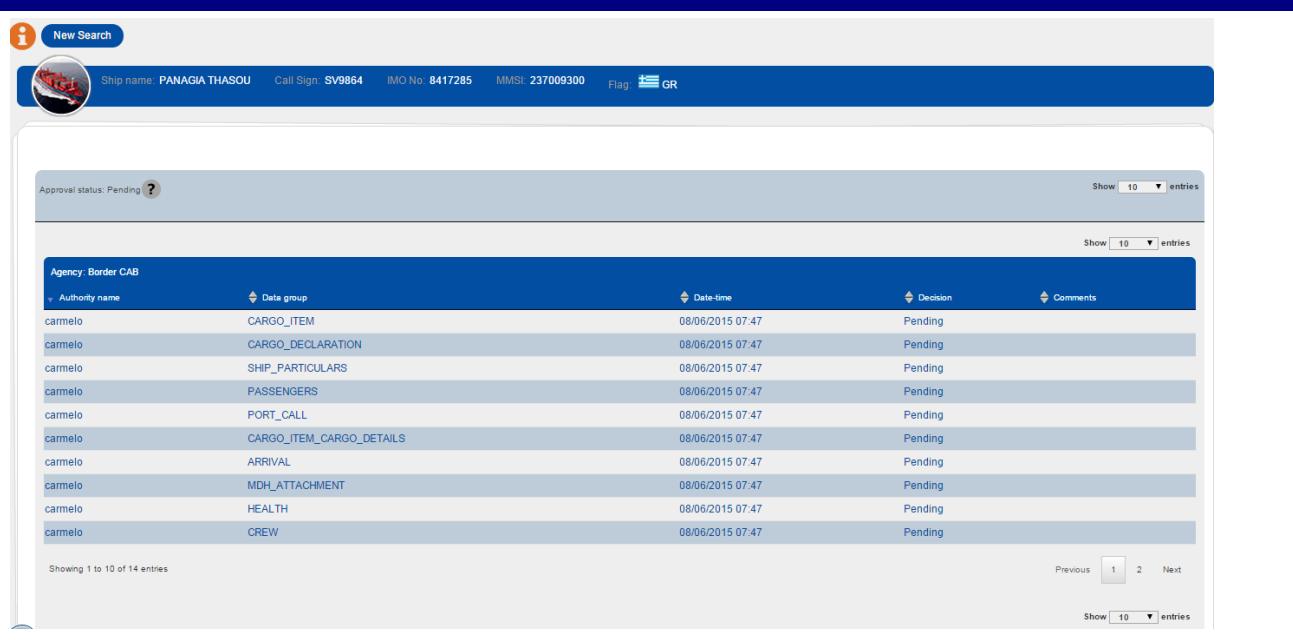
The screenshot shows the 'AIE – Notification History' page. At the top, there is a search bar with a magnifying glass icon and a 'New Search' button. Below the search bar, the ship's details are displayed: Ship name: PANAGIA THASOU, Call Sign: SV9864, IMO No: 8417285, MMSI: 237009300, ETA: 20/06/2015 08:00, Port of call: GRIOS, Flag: GR. The main content area is titled 'Notification History' and contains a table with two entries. The table has columns for 'User' and 'Date'. The first entry is 'magda' at '08/06/2015 07:38' and the second is 'magda' at '08/06/2015 07:47'. At the bottom of the table, it says 'Showing 1 to 2 of 2 entries'. Below the table, there are several buttons: 'Back to Search Results', 'Back', 'Decisions from all Authorities', 'Notification history', and 'Submit'. There are also 'Previous' and 'Next' buttons.

Purpose:	Notification History will display in a new page, all notifications submitted by the ship data providers for the given Ship Call.
Navigation & User	From the Ship Notifications or any tab click on the Notification history

Interaction:	<p>button.</p> <p>View the history of notifications per ship data provider (by user id) that submitted the notification and dates the notification was submitted.</p> <p>Paging allows the user to navigate to the next pages in case the results exceed one page (and back to the previous pages).</p> <p>A "Back" button will navigate the user back to the tab from where the Notification history web page was invoked.</p>
---------------------	---

2.7.2.4 Decisions from all Authorities

AIE – Decision from all Authorities



The screenshot shows a web-based application interface for managing ship notifications. At the top, there's a header bar with a search icon, the text 'New Search', and details about the ship: Ship name: PANAGIA THASOU, Call Sign: SV9864, IMO No: 8417285, MMSI: 237009300, and Flag: GR. Below the header is a table titled 'Agency: Border CAB'. The table has columns for Authority name, Data group, Date-time, Decision, and Comments. There are 14 entries listed, all with a date of 08/06/2015 07:47 and a status of 'Pending'. The table includes pagination controls at the bottom, showing 'Showing 1 to 10 of 14 entries' and buttons for 'Previous', 'Next', and another 'Show 10 entries' button.

Authority name	Data group	Date-time	Decision	Comments
carmelo	CARGO_ITEM	08/06/2015 07:47	Pending	
carmelo	CARGO_DECLARATION	08/06/2015 07:47	Pending	
carmelo	SHIP PARTICULARS	08/06/2015 07:47	Pending	
carmelo	PASSENGERS	08/06/2015 07:47	Pending	
carmelo	PORT_CALL	08/06/2015 07:47	Pending	
carmelo	CARGO_ITEM_CARGO_DETAILS	08/06/2015 07:47	Pending	
carmelo	ARRIVAL	08/06/2015 07:47	Pending	
carmelo	MDH_ATTACHMENT	08/06/2015 07:47	Pending	
carmelo	HEALTH	08/06/2015 07:47	Pending	
carmelo	CREW	08/06/2015 07:47	Pending	

Purpose:	Decision History will display, in a new page, the decisions per Agency, registered by the authorities (so far) for the given Ship Call.
Navigation & User Interaction:	<p>From the Ship Notifications or any tab click on the "Decisions from all Authorities" button.</p> <p>The overall decision approval status is presented in the table header.</p> <p>View the history of decisions registered at first level per agency and in second level per authority, relevant agencies, data group, date-time and any comments. Acknowledgements that were made obsolete because of an updated notification are not displayed.</p> <p>Paging allows the user to navigate to the next pages in case the results exceed one page (and back to the previous pages).</p> <p>Press the "Back" button to navigate the user back to the tab from where the Decision history web page was invoked.</p> <p>Press the "Back to Search Results" button to navigate to the search results page.</p> <p>Press the "Notification history" button to navigate to the Notification</p>

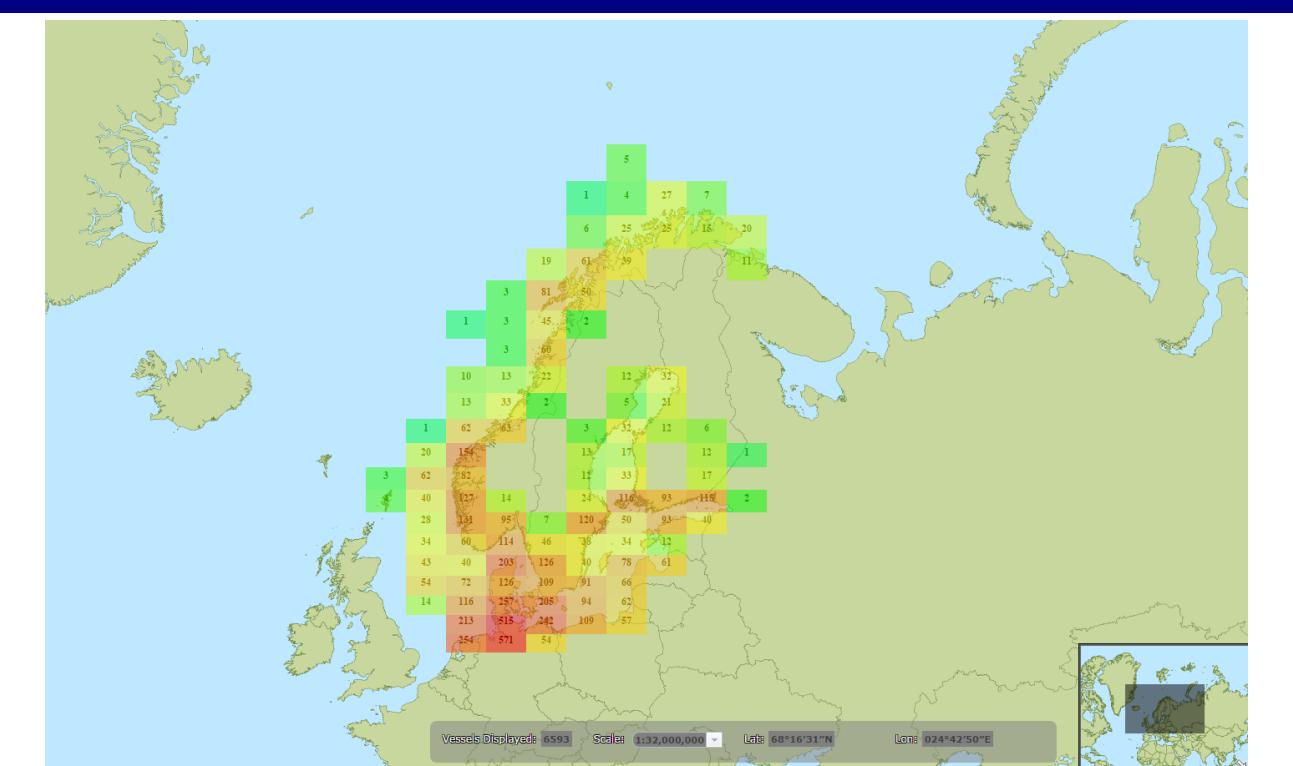
history page.

2.8 NSW-GI

This section describes the NSW-GI map tab/window and the various graphical elements that compose it. The NSW-GI opens in a new web browser tab/window when invoked from the CRG or the AIE web consoles. The user can navigate to the CRG or the AIE web console by selecting the relative web browser tab/window. More specifically it is presented to users via the “Show ship on map” button in the “Consult my notification” and “Approve notifications” pages of the CRG and AIE applications, respectively. The main component of this view is the map-viewer control, whose purpose is to render both static and dynamic spatial information. Additional components in this view are provided in the form of panels that appear to “float” over the map-viewer control, containing various other graphical controls that are used to interact with elements of the map.

2.8.1 NSW-GI – Map Viewer

NSW-GI – Grid display mode



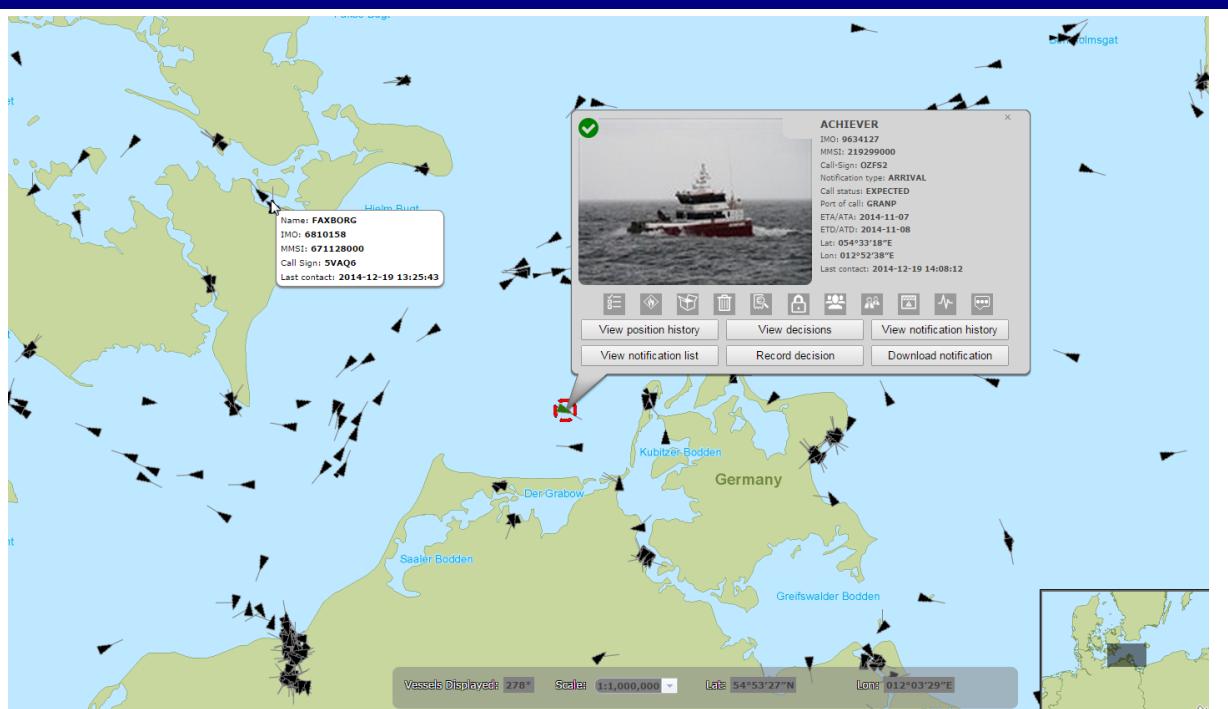
Purpose:	The map-viewer control fills the background of the NSW-GI browser tab/window and can be used to render geographical features, supplied as raster imagery that is either pre-rendered and cached or rendered on the fly by one or more GIS servers, through the use of appropriate web mapping services.
Navigation & User Interaction:	The control is typically manipulated via the computer mouse, but other tactile input devices such as touch-screens, graphics tablets and styluses can also be used. The rendered map can be panned across the screen using the left mouse button and can also be zoomed in and

out with the mouse wheel.

As shown in the picture above, when the number of tracks to be displayed exceeds a fixed pre-specified limit, the map-viewer uses a colour coded grid to display the approximate location and number of tracks in various areas of the map. Whenever the left mouse button is clicked over one of the displayed grid's cells, the map is automatically zoomed-in to an appropriate extent that contains the whole of the clicked cell.

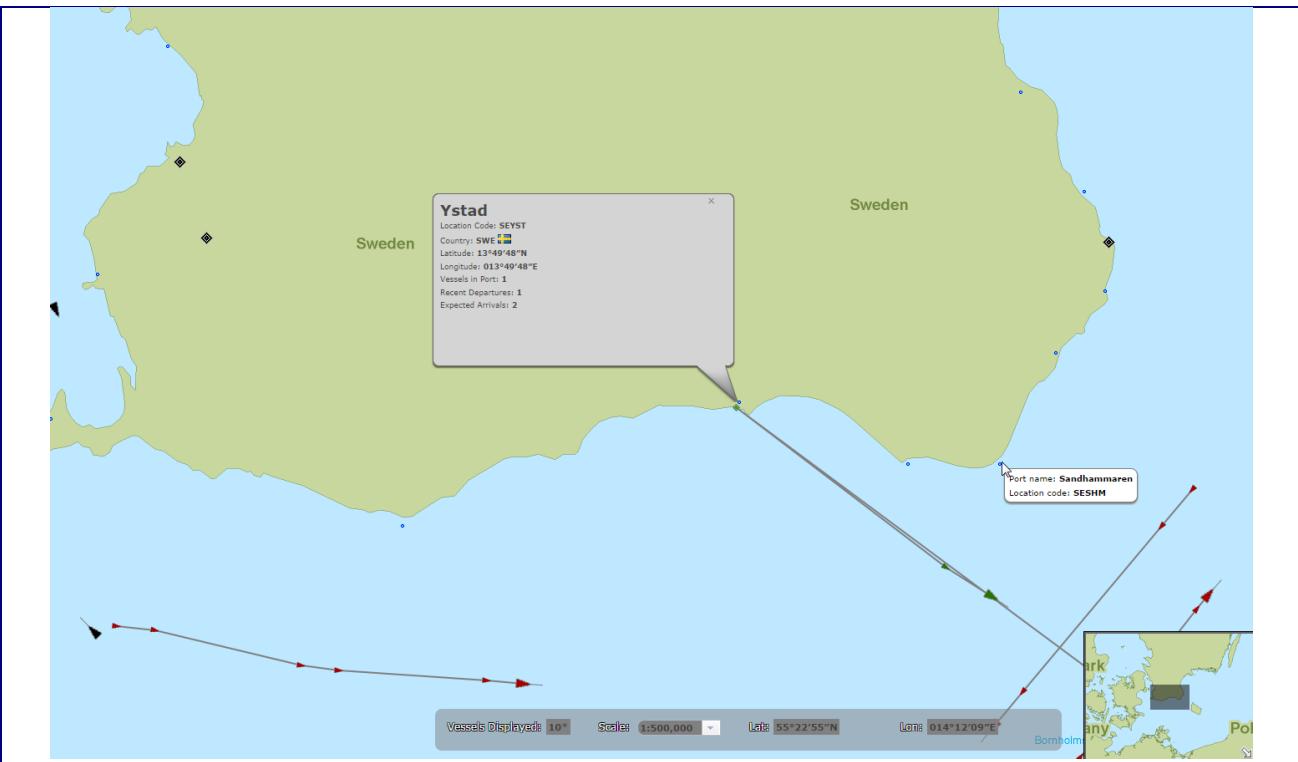
The map-viewer also includes a smaller, overview map control at the bottom right hand side of the viewport that can be made hidden when it is not required by clicking on the arrow placed at its bottom right corner.

NSW-GI – Track display mode



When the NSW GI is called from the AIE console the button "Record decision" is displayed as depicted above.

When the NSW GI is called from the CRG console the button "Update notification" is displayed instead of the "Record decision".

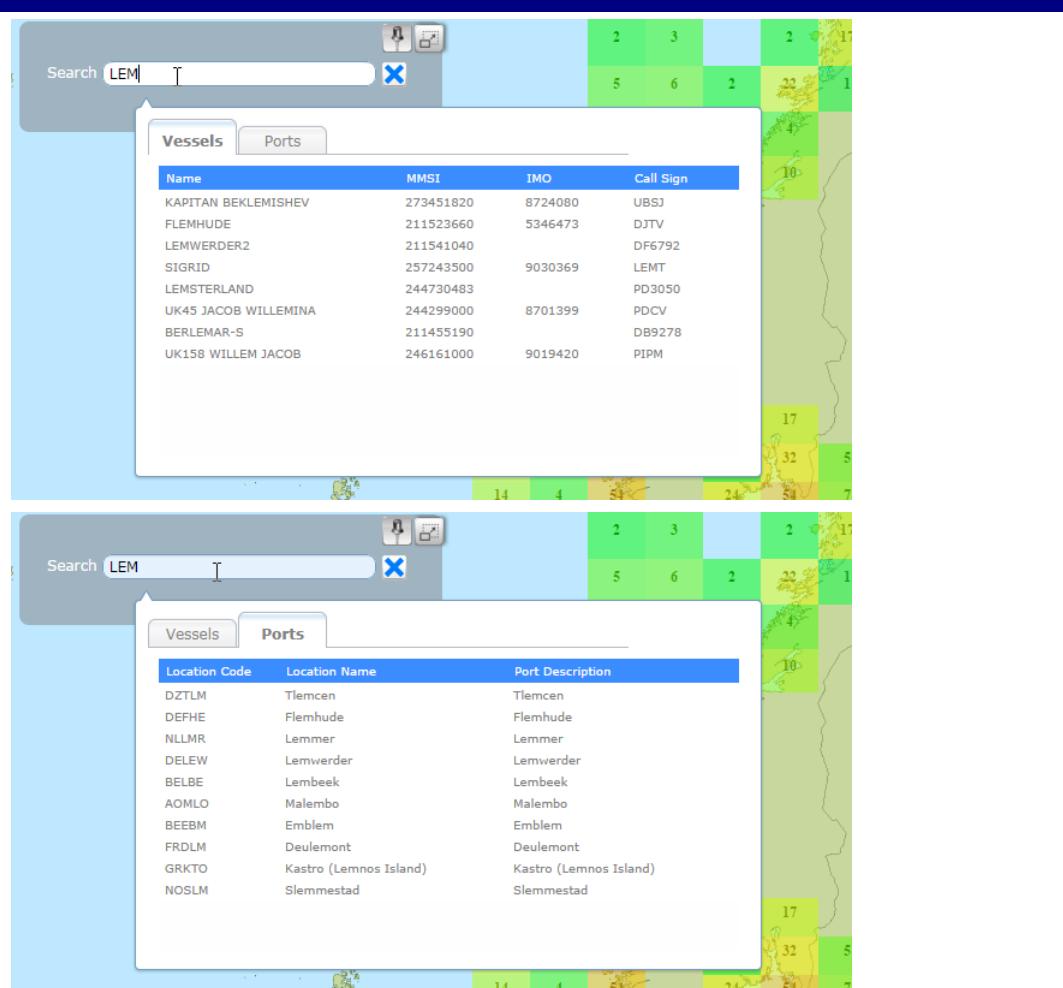


Purpose:	When in track display mode, the map-viewer is also used by the application's custom rendering engine to provide visualisations of both current and historical positions of vessels, as well as port locations. The icons used for depicting vessel tracks and ports can be scaled to size, according to the map's current zoom level, by selecting the respective option in the visual preferences panel.
Navigation & User Interaction:	<p>Depending on the element currently underneath the mouse cursor, i.e. vessel track icon or port icon, clicking the left mouse button will result in displaying an informational pop-up window. Depending on the associated entity, the pop-up can contain not only static elements like text labels and icons that present various pieces of information, but also buttons that trigger actions on the current browser tab/window or on some other window in the CRG/AIE UI's. Particularly for vessel tracks, the pop-up will also include the "View position history" button, which can be used for requesting a 7-day track history of the selected vessel.</p> <p>When a port icon is selected in particular, instead of using AIS vessel-type symbols, the symbols chosen to display the tracks of all vessels in the current viewport will depend on the request status of the most relevant notification is associated with the specific port (see SDD, business rule 43).</p> <p>Also, depending on the current user's preferences, when the mouse cursor is placed over a vessel track, an informational tag is presented with short, user customised information about the vessel. Similarly, when the mouse cursor is hovered over a port icon, a predefined information tag regarding the respective port element is presented.</p>

2.8.2 NSW-GI – Floating Panels

2.8.2.1 Main Panel

NSW-GI – Main Panel - Search



The screenshot shows the NSW-GI Main Panel - Search interface. At the top, there is a search bar with the text "LEM". Below it, there are two expanded panels: "Vessels" and "Ports". The "Vessels" panel contains a table with columns: Name, MMSI, IMO, and Call Sign. The "Ports" panel contains a table with columns: Location Code, Location Name, and Port Description. Both panels have tabs for "Vessels" and "Ports". Below these panels, there is a collapsed panel with its own search bar and tabs. The background features a map with various colored regions and numbers (e.g., 1, 2, 3, 5, 6, 2, 17, 10, 32, 54, 14, 4, 5, 24, 7) indicating vessel tracks or port locations.

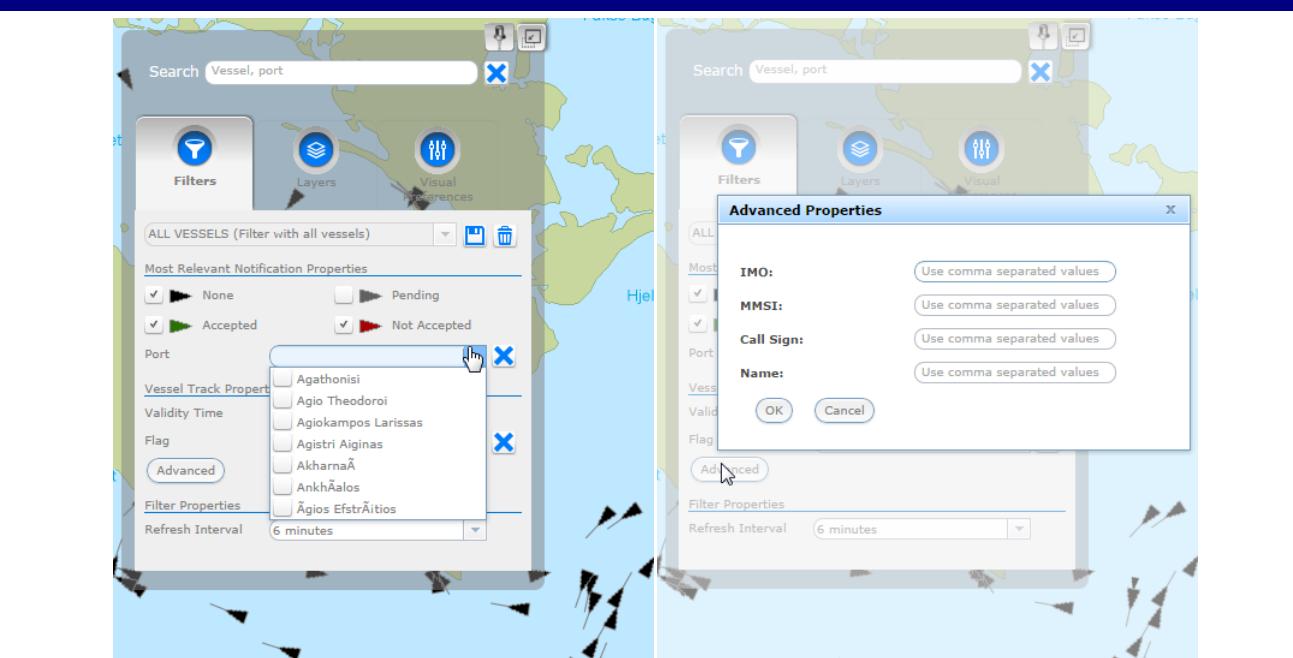
Name	MMSI	IMO	Call Sign
KAPITAN BEKLEMISHEV	273451820	8724080	UBSJ
FLEMHUDE	211523660	5346473	DJTV
LEMWERDER2	211541040		DF6792
SIGRID	257243500	9030369	LEMT
LEMSTERLAND	244730483		PD3050
UK45 JACOB WILLEMINA	244299000	8701399	PDCV
BERLEMAR-S	211455190		DB9278
UK158 WILLEM JACOB	246161000	9019420	PIPM

Location Code	Location Name	Port Description
DZLML	Tlemcen	Tlemcen
DEFHE	Flemhude	Flemhude
NLLMR	Lemmer	Lemmer
DELEW	Lemwerder	Lemwerder
BELBE	Lembeek	Lembeek
AOMLO	Malembo	Malembo
BEEBM	Emblem	Emblem
FRDLM	Deulemont	Deulemont
GRKTO	Kastro (Lemnos Island)	Kastro (Lemnos Island)
NOSLM	Slemmestad	Slemmestad

Purpose: The main panel is used as a container for the most important map related functions. When collapsed, it provides an advanced facility for fast location of vessel tracks and ports. When expanded, additional controls are displayed, grouped into sub-tabs according to function.

Navigation & User Interaction: The panel is normally hidden from view, until the mouse cursor is moved close to the left edge of the browser window. As long as the mouse cursor remains within the confines of the bounds of the panel, the latter will remain visible. The panel will also remain in view, even after the mouse cursor leaves its bounds, provided that the former has been "pinned" using the appropriate button on its top right corner.
Next to the "pin" button is another one that is used to switch the panel between the collapsed and expanded states.

NSW-GI – Main Panel – Filters sub-tab

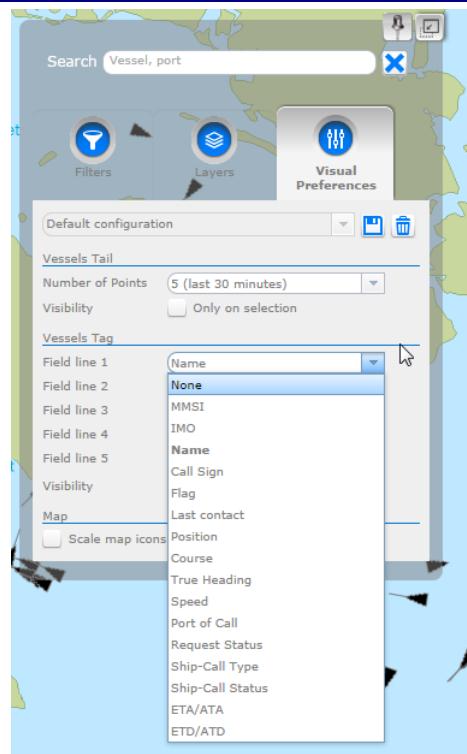


Purpose:	This sub-tab contains controls that are used to restrict the total number of vessel tracks that will appear on the map, by filtering out those with or without particular attributes.
Navigation & User Interaction:	<p>At the top, a drop-down combo-box allows for the selection of any of the filters stored in the database that are available to the current user. Every single filter combines all criteria for displaying vessel track icons. The two buttons next to it allow to:</p> <ul style="list-style-type: none"> • Save any changes made to the currently selected filter. • Discard any changes made to the currently selected filter or, if no changes have been made, delete the selected filter. <p>Additional check-box and combo-box controls allow the user to modify the currently selected filter, while changes appear immediately on the map-viewer after a control is used. Particular combo-boxes, indicated by the "Clear" button next to them, allow for the selection of multiple filter criteria. An additional popup dialog allows for setting advanced vessel track properties based on comma-separated list values of IMO, MMSI, call sign and name attributes.</p>

NSW-GI – Main Panel – Layers sub-tab

Purpose:	This sub-tab contains controls that are used to select which map layers will be visible.
Navigation & User Interaction:	The map-viewer control can request and display data from two kinds of layer services: pre-rendered tiled layer services and dynamically rendered layer services. Pre-rendered tiled layer services are represented within this panel by a label with the name of the service and a check-box control next to it for controlling its visibility. Dynamic layers are represented by collapsible inner panels, where visibility can be set individually for each layer offered by the service.

NSW-GI – Main Panel – Visual Preferences sub-tab



Purpose:	This sub-tab contains controls that are used for changing various map display parameters.
Navigation & User Interaction:	<p>At the top, a drop-down combo-box allows for the selection of any of the user's previously saved profiles. The two buttons next to it allow to:</p> <ul style="list-style-type: none"> • Save any changes made to the currently selected profile. • Discard any changes made to the currently selected profile or, if no changes have been made, delete the selected profile. <p>Additional controls allow for the customisation of the viewport.</p>

2.8.2.2 Navigation Panel

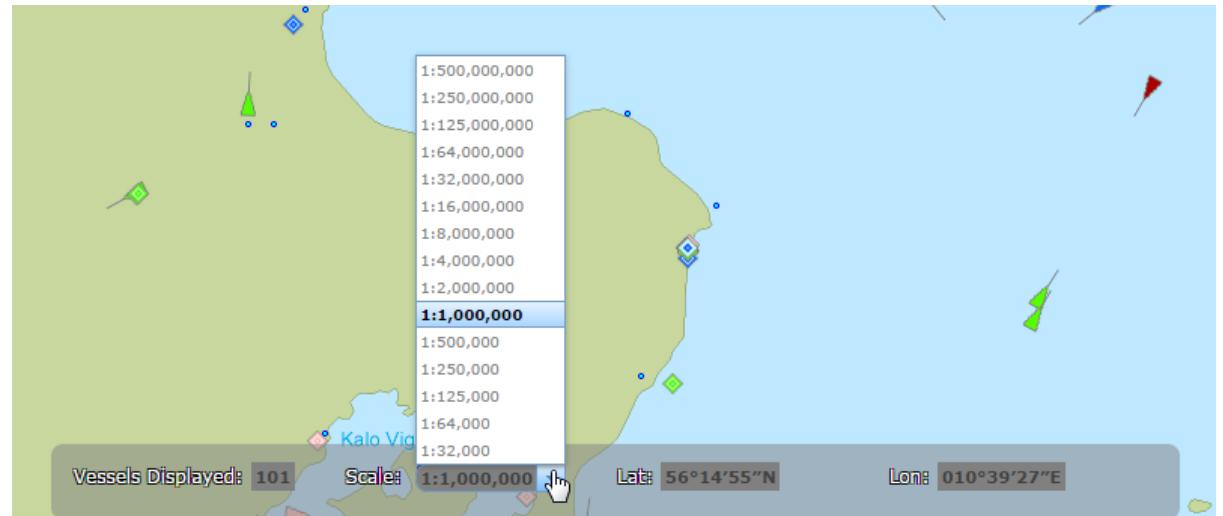
NSW-GI – Navigation Panel



Purpose:	This panel provides controls that allow more precise manipulation of the map.
Navigation & User Interaction:	<p>The panel is normally hidden from view, until the mouse cursor is moved close to the right edge of the browser window. As long as the mouse cursor remains within the confines of the bounds of the panel, the latter will remain visible.</p> <p>The four-way button at the top can be used to pan the map in all directions. The slider allows setting the map's zoom level. The two, opposite facing arrow buttons allow the user to move between previous map extents, while the button in the middle applies the map's default extent.</p>

2.8.2.3 Information Panel

NSW-GI – Information Panel



Purpose:	The panel is always displayed at the bottom of the viewport, displaying information such as the number of currently displayed tracks, the selected map scale and the map coordinates at the current mouse cursor position.
Navigation & User Interaction:	The map's scale can be changed by selecting the appropriate value in the relevant combo-box.

Annex A: ShipCall data in Form Format

The application uses the xml data that represent the request for clearance. After applying an XSLT transformation on the xml data, the application generates XSL-FO data format.

The XSL-FO is a W3C standard (<http://www.w3.org/TR/xsl11/>) and can be used not only for PDF generation , but also for other file formats (RTF, PS , etc) generation.

The application uses Apache FOP for producing PDF files from XSL-FO formatted data.

A sample of an equivalent to IMO FAL Form 1 generated by the application with ShipCall data is depicted hereunder.

Ship Name:THE EMERALD

Port of call:Halki Dodekanison (GRHAL)

Arrival notification Latest notification update: 03/07/2014 09:05

	X	Arrival		Departure
Ship Identification	Ship Particulars			
Ship Name THE EMERALD	Flag State LR (Liberia)	Gross Tonnage 23.0		
Call Sign SVNZ	Certificate of Registry - Port Mykonos (GRJMK)	Net Tonnage 56.0		
IMO Number 5312824	Certificate of Registry - Date 17/04/2014	Ship Type 53 (Vessel solely equipped with tanks to carry cargo.)		
MMSI Number 239942000	Certificate of Registry - Number 1234	Name of Company		
Any other information related to ship identity	Inmarsat Call Number	IMO Company Number		

Annex B: E-mail Templates

E-mail template for Acknowledgement message

E-mail Subject: <Notification type> notification (IMO: <IMO Number>, <Ship Name>, Port: <Port of call>, Journal Number: <Journal Number>) has been <request status>

E-mail body:

Please be informed that the following notification has been <request status> by the relevant authorities:

- IMO Number : **9022398**
- MMSI: **237017500**
- Call Sign : **SZSD**
- Ship Name : **MACEDON**
- Type: **Arrival**
- Port: **Itea (GRITA)**
- ETA: **DD/MM/YYYY HH:MM** (to be included if expected arrival)
- ATA: **DD/MM/YYYY HH:MM** (to be included if arrived)
- ETD: **DD/MM/YYYY HH:MM** (to be included if expected departure)
- ATD: **DD/MM/YYYY HH:MM** (to be included if departed)
- Journal Number: **XXXXXXXXXXXXXX**
- Voyage Number: **XXXXXXXXXXXXXX**

Details of the decisions can be consulted in the National Single Window for ship reporting.

National Single Window for ship reporting – Prototype

<http://www.emsa.europa.eu/nsw.html>

European Maritime Safety Agency (EMSA)
Praça Europa Nº4
1249-206 Lisbon, Portugal
<http://www.emsa.europa.eu>

E-mail template for Notification message to relevant authorities

E-mail Subject: <Notification type> notification (IMO: <IMO Number>, <Ship Name>, Port: <Port of call>, Journal Number: <Journal Number>) submitted for approval

E-mail body:

Please be informed that the following notification has been submitted to the National Single Window for your approval:

- IMO Number : **9022398**

- MMSI: **237017500**
- Call Sign : **SZSD**
- Ship Name : **MACEDON**
- Type: **Arrival**
- Port: **Itea (GRITA)**
- ETA: **DD/MM/YYYY HH:MM** (to be included if expected arrival)
- ATA: **DD/MM/YYYY HH:MM** (to be included if arrived)
- ETD: **DD/MM/YYYY HH:MM** (to be included if expected departure)
- ATD: **DD/MM/YYYY HH:MM** (to be included if departed)
- Journal Number: **XXXXXXXXXXXXXX**
- Voyage Number: **XXXXXXXXXXXXXX**

National Single Window for ship reporting – Prototype

<http://www.emsa.europa.eu/nsw.html>

European Maritime Safety Agency (EMSA)
Praça Europa Nº4
1249-206 Lisbon, Portugal
<http://www.emsa.europa.eu>