Training on SafeSeaNet

SafeSeaNet V3 training

Department C – Operations
Unit C.2 Information Services – User management
Unit C.3 Information Services – Technical management

SSN V3 training - Lisbon / 13th October 2015

EMSA
European Maritime Safety Agency

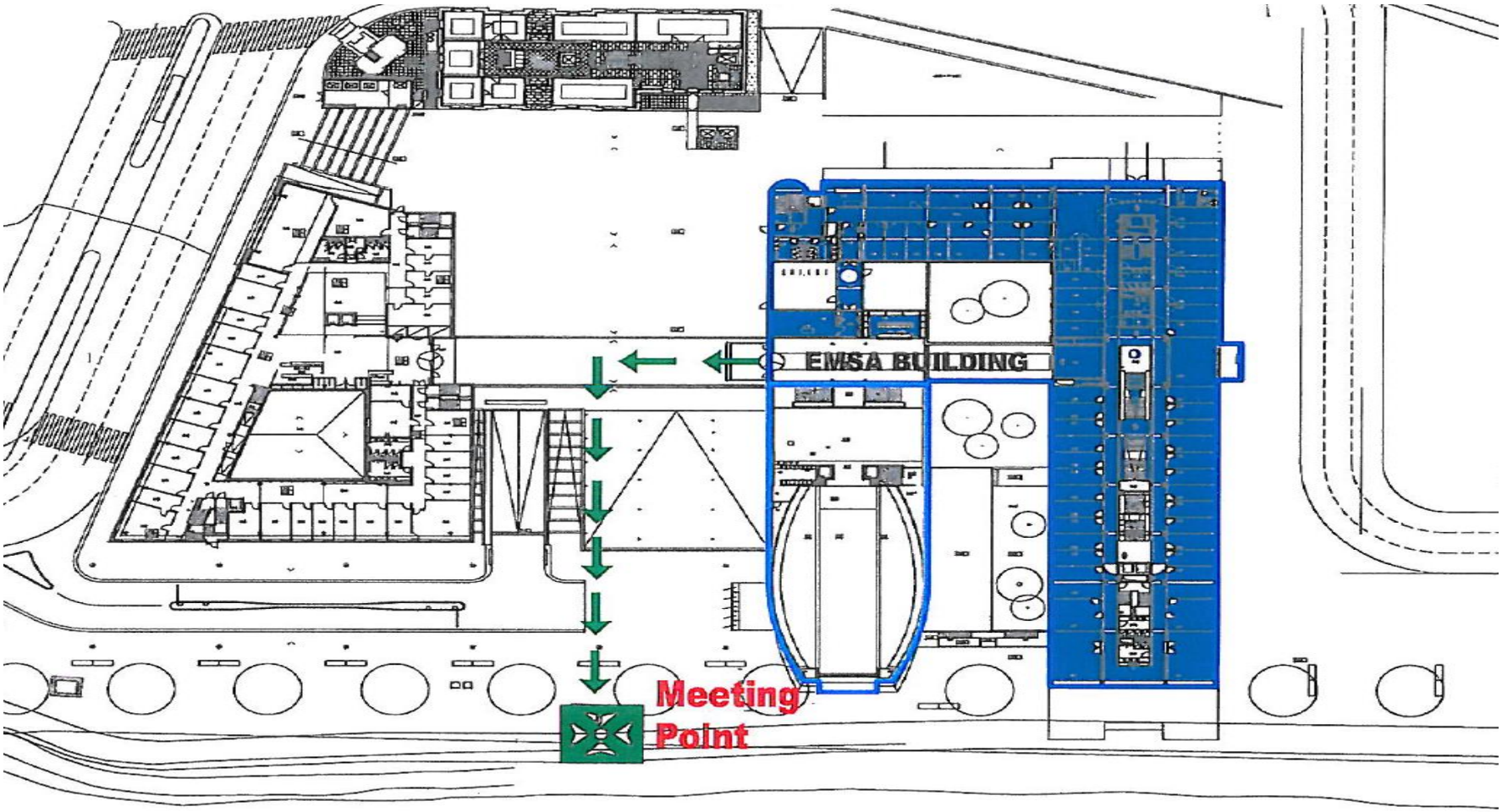
I- Welcome and Training Objectives

1. Training organisation & Safety information

2. Tour de Table

3. Training Objectives

I- Welcome and Training Objectives
Training organisation & Safety information



I- Welcome and Training Objectives

Training organisation & Safety information

09h00

I. Welcome and Training Objectives

II. Introduction to SafeSeaNet (SSN V3 new features)

III. Sending data to Central SSN (PortPlus – NSW)

10h30-10h45 Coffee break

IV. Exemptions (report-consult-processing by SSN)

V. Searching for data via SSN Textual Interface (Voyage-Hazmat-Waste-Security-Port)

Practical scenarios

13h-14h Lunch break

VI. Ship MRS

Practical scenarios

VII. SSN Graphical Interface (SSN GI)

Practical scenarios

VIII. Evaluation form and learning review

17h30 end of training

Note: The WEB interface we introduce is the Central SSN, not your national system. The SSN Central system can be used for retrieving data and as backup for sending data for some messages only.

Content of the SSN training

I. Welcome and Training Objectives

II. Introduction to SafeSeaNet (SSN)

III. Sending data to Central SSN

IV. Exemptions

V. Searching via SSN Textual interface

VI. Ship MRS

VII. SSN Graphical Interface (SSN GI)

Note: The WEB interface we introduce is the Central SSN, not your national system. The SSN Central system can be used for retrieving data and as backup for sending data for some messages only.

Tour de Table: please!

Training Objectives:

- **To familiarise participants with the new features of SSN version 3 release**
- **To enable operators to use these new features proficiently on course completion.**
- **To send and search for:**
- Waste pre-arrival information
- Security pre-arrival information
- Information on HAZMAT carried on-board (new structure)
- Ship Mandatory Reporting Systems (MRS) (new structure)
- Exemptions granted (pre-arrival, Hazmat, Security and Waste)

PortPlus message

- **To introduce SSN Graphical Interface (SSN GI) new functionalities**

The course includes both theory and hands-on practical exercises (scenarios using the web textual and graphical interface of SafeSeaNet).

1. SSN in General

II-1 SafeSeaNet in General

Information and exchange system for reception, storage, retrieval and exchange for:

- Maritime safety
- Port and Maritime security
- Marine environment protection
- Efficiency of maritime traffic and transport

II-1 SafeSeaNet in General

- **SSN enables 30 Countries (EU Member States, plus Iceland & Norway), to exchange information on:**
  - vessel traffic (position/ship calls/incidents etc.)
  - dangerous and polluting goods carried on board ships

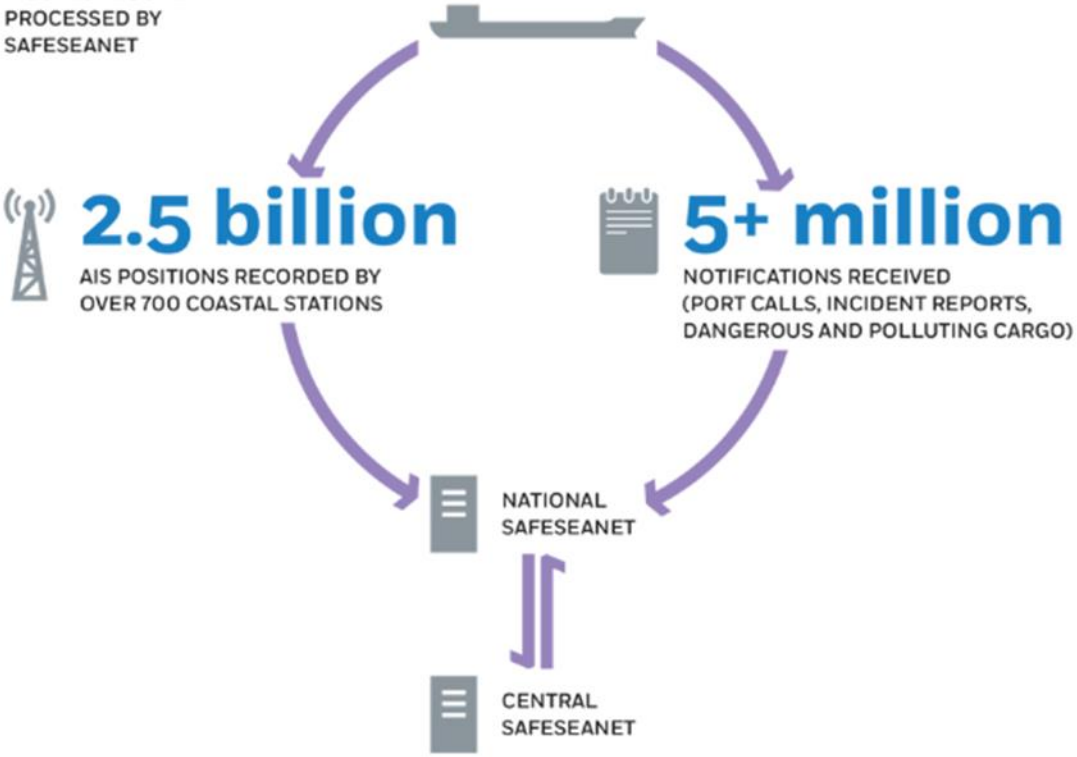
Countries Participating in SafeSeaNet (2014)

How SSN works - Statistics

2014

FIGURES ABOUT DATA PROCESSED BY SAFESEANET

Over 20,000 ships tracked in MSs area of responsibility every days



727

SHORE-BASED STATIONS

2 214

USERS SERVED (NATIONAL AND LOCAL AUTHORITIES)

24/7

HELPDESK AVAILABILITY

II-1 SafeSeaNet in General Users

- **More than 2,300 users identified in SSN**

- **NCAs: -** overall responsibility of the National systems
  - grant access rights to national users

- **LCAs:** authorities designated by MSs to receive/transmit information pursuant to the SSN legal framework e.g. ports, VTS etc.

- Decision making: **HLSG** & **SSN Group**

II-1 SafeSeaNet in General Information Exchanged

Ship notifications:

- AIS and
- MRS

Port Plus notifications:

- Pre-arrival (72h - 24 hours), arrival and departure
- Hazmat information (dangerous and polluting goods on board)

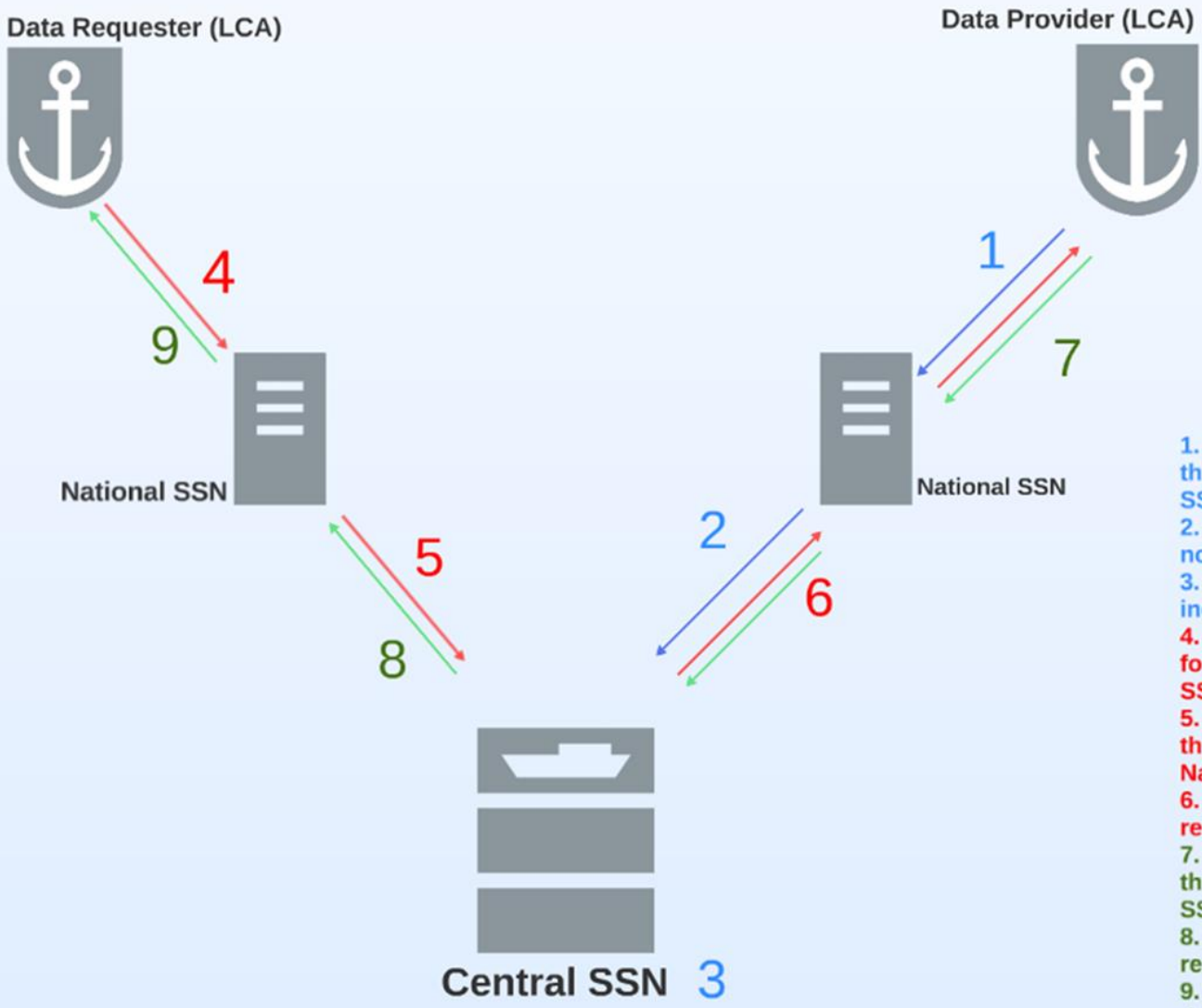
From June 2015:

- **Waste and security pre-arrival notifications** (Dir. 2010/65/EU)

Incident reports:

- Information submitted by MSs about accidents and incidents occurring at sea (e.g SITREP, POLREP etc…)

II-1 SafeSeaNet in General Notification-Request/Response



1. The data provider notifies the information to the National SSN
2. The National SSN sends the notification to the Central SSN
3. The Central SSN stores and indexes the notification
4. The data requestor requests for information the National SSN
5. The request is forwarded to the Central SSN by the National SSN
6. Central SSN sends the request to the data provider
7. The data provider forwards the response to the Central SSN via the National SSN
8. The Central SSN sends the response to the National SSN
9. The response is finally delivered to the data requestor

2. SSN V3 new features

Existing legal framework

- **Directive 2002/59/EC as amended** (VTMIS Directive)
- **Directive 2009/16/EC** (PSC Directive)
- **Interface and Functionality Control Document** (IFCD)

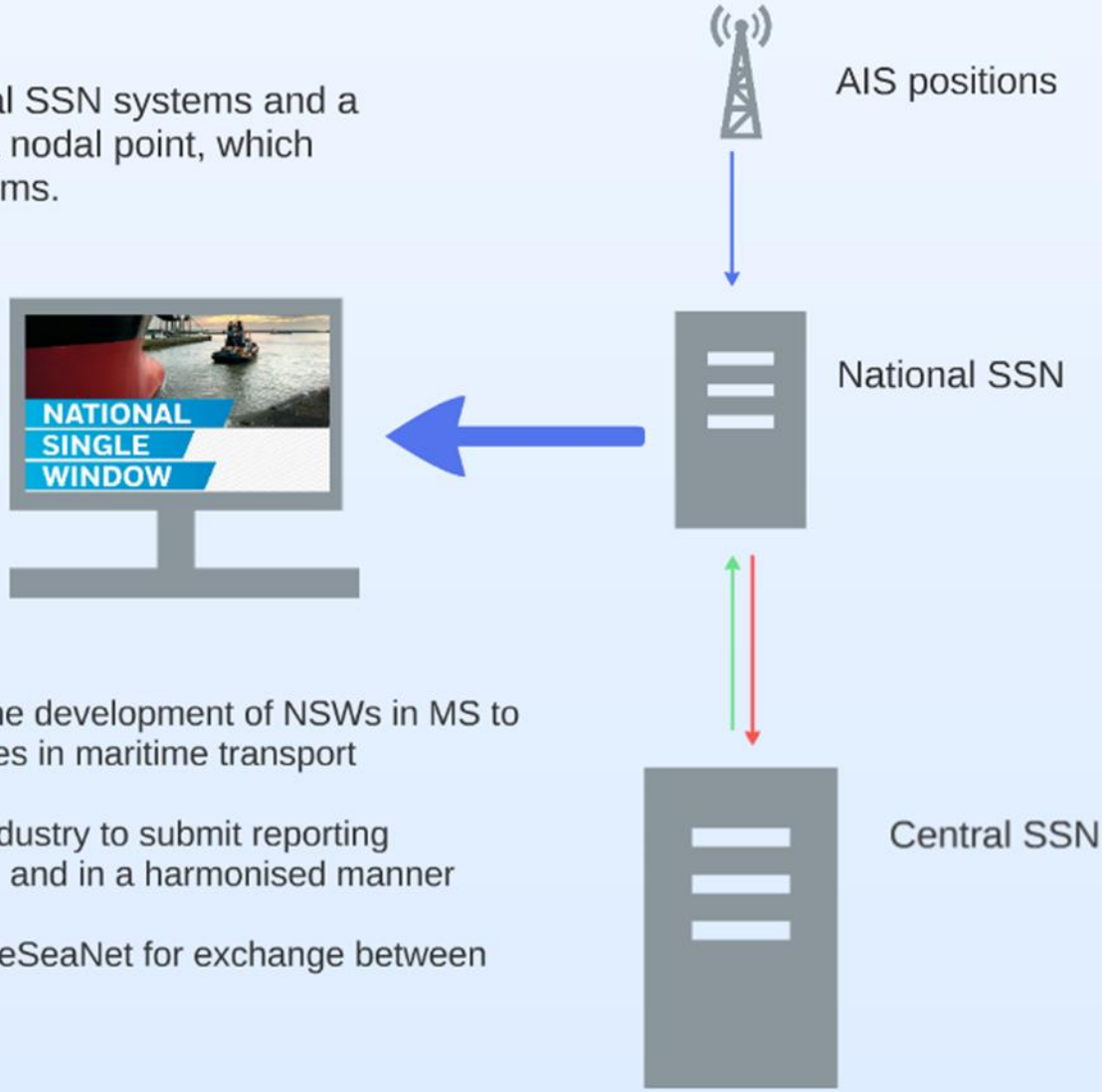
SSN V3 additional legal framework

- **Directive 2010/65/EU (RF Directive)**
- **Directive 2000/59/EC as amended (PRF Directive)**
- **Regulation EC 725/2004 (Security Regulation)**

II - Introduction to SSN
SSN V3 new features

Central SSN

- Comprises a network of national SSN systems and a central SSN system acting as a nodal point, which interacts with the national systems.



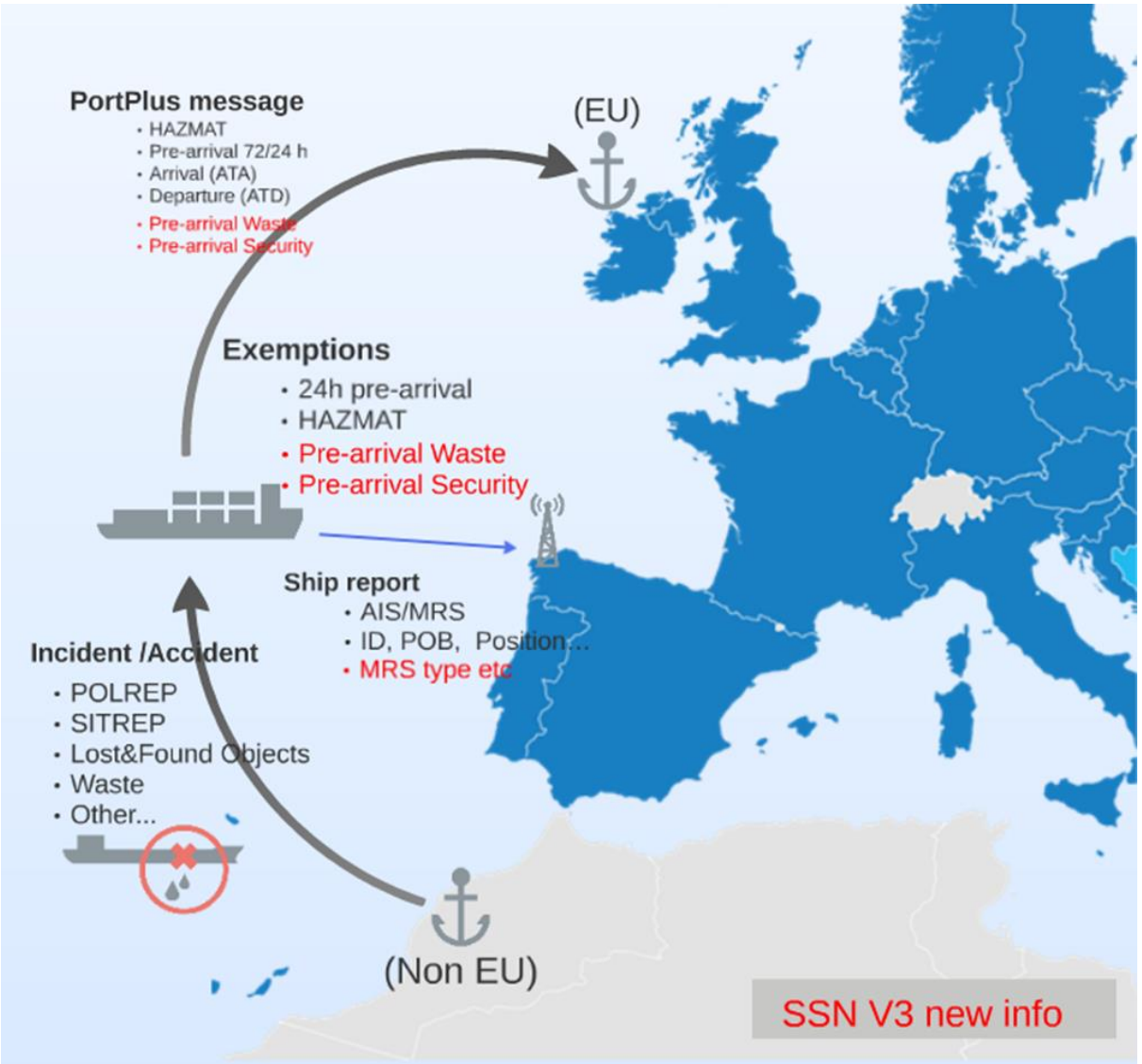
National Single Window

- Directive 2010/65/EU provides for the development of NSWs in MS to simplify the administrative procedures in maritime transport
- The NSWs will allow the shipping industry to submit reporting formalities: electronically, only once, and in a harmonised manner
- Information is made available in SafeSeaNet for exchange between Member States

SSN V3 – What's new?

- Inclusion of **Waste** and **Security** pre-arrival information in PortPlus
- Hazmat details **electronically available** (no phone/fax or attached documents accepted).
- Support the provision of **exemptions** on Waste and Security information (in addition to Hazmat and 24h prior)
- Enhanced **MRS** framework for data providing and retrieving (e.g. clear distinction AIS/MRS parts, new queries)
- Other **improved functionalities** (e.g. improved IR distribution via email, improvement SSN GI etc.)

Information exchanged through SSN after June 2015



III- Sending data to Central SSN

1. **National Single Window (NSW)**

   A. Reporting information from the shipping industry

   B. Link NSW with national and central SSN to exchange information between MSs

2. **PortPlus General overview**

1. National Single Window (NSW)

Background

- Oct.2010 – Approval of Directive 2010/65/EU on reporting formalities for ships arriving in and/or departing from ports of the Member States (repealing Directive 2002/6/EC)
- According to the Directive, MSs shall accept the fulfillment of reporting formalities in electronic format, and their transmission via a single window, no later than 1 June 2015
- Article 6 – reporting formalities in Part A (legal act of the Union) to be made available in the national SSN systems, and to make available the relevant parts to other MS via the SSN system

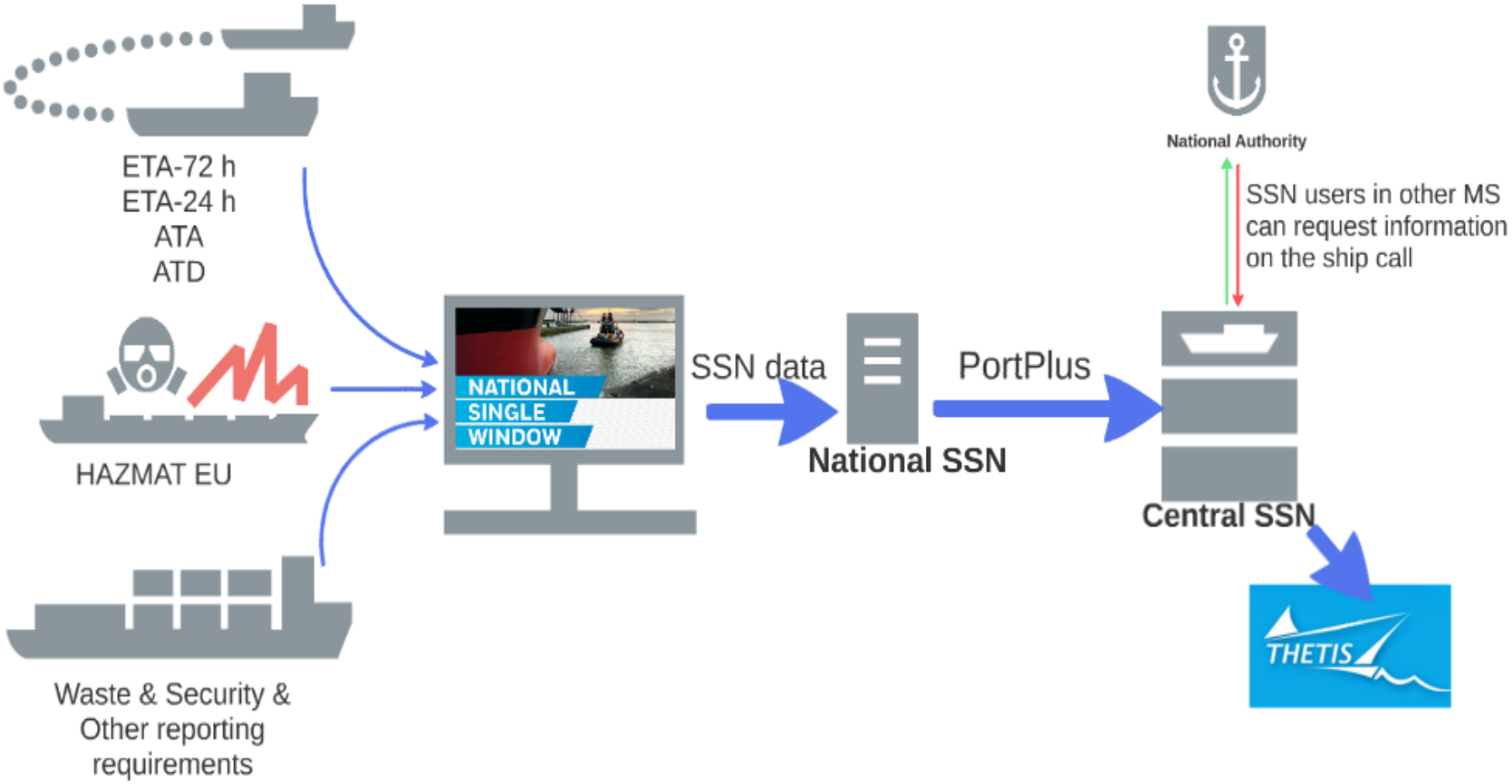
Background

- This applies to the following reporting formalities:
  - Port - Notifications for ships arriving at, and departing from, MS ports (Article 4 of Directive 2002/59/EC)
  - Hazmat - Notification of dangerous or polluting goods carried on board (Article 13 of Directive 2002/59/EC)
  - Waste - Notification of waste and residues (Article 6 of Directive 2000/59/EC)
  - Security - Notification of security information (Article 6 of Regulation (EC) No 725/2004)

New !

- Information to be exchanged using a pre-defined structure electronically
- Option of downloading Hazmat details via URL is removed

III- Sending data to Central SSN
Link NSW with national and central SSN



2. PortPlus General overview

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | Waste | Security | + Other

- IMO Number *
- MMSI Number *
- Call Sign
- Ship Name
- Flag

* IMO or MMSI mandatory

III- Sending data to Central SSN PortPlus General overview

Vessel ID | **Vessel Details** | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | Waste | Security | + Other

- Gross Tonnage
- Ship Type
- Inmarsat Call Number
- Certificate of Registry
  - Certificate Number
  - Issue Date
  - Port of Registry
- Company
  - Company Name
  - IMO Company Nr

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | Waste | Security | + Other

- Ship Call Id *
- Port of Call *
- Position in Port of Call
- Port Facility
- ETA
- ETD
- Brief Cargo Description
- Purpose of Call

* Mandatory

- Last Port
- ETD From Last Port

- Next Port *
- ETA to Next Port *

* Mandatory if Hazmat on departure provided

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | Waste | Security | + Other

- Possible Anchorage
- Planned Operations
- Planned Works
- Ship Configuration
- Cargo Volume Nature
- Condition Cargo Ballast Tanks

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | **Pre-arrival 24h** | Arrival | Departure | Hazmat | Waste | Security | + Other

- Nr of Persons on Board for Voyage towards Port of Call *

* Mandatory

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | **Arrival** | Departure | Hazmat | Waste | Security | + Other

- ATA Port of Call *
- Anchorage

* Mandatory

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | **Departure** | Hazmat | Waste | Security | + Other

- ATD Port of Call *
- Nr of Persons on Board for Voyage towards Next Port

* Mandatory

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | **Hazmat** | Waste | Security | + Other

- Hazmat on Board (Y/N) *
- INF Ship Class
- DG Classification
- Cargo Manifest (document or contact details)

* Mandatory

Consignments:

- Transport Document ID
- Port of Loading
- Port of Discharge

DPG items:

- DG Classification *
- Textual Reference *
- IMO Hazard Class
- UN Number
- Packing Group
- Flash Point
- Marpol Code
- Package Type
- Total Nr of Packages
- EmS
- Subsidiary Risks
- Additional information

Packaged:

- Transport Unit ID *
- Location on Board *
- Nr of Packages
- Quantity Gross *
- Quantity Net *

Or

Bulk:

- Location on Board *
- Nr of Packages
- Quantity Gross *
- Quantity Net *

Hazmat details available on Request/Response

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | **Waste** | Security | + Other

- Last Port Delivered
- Last Port Delivered Date
- Waste Delivery Status *

* Mandatory

Waste items:

- Waste Type *
- Quantity to be Delivered *
- Maximum Dedicated Storage capacity
- Amount of Waste Retained on Board
- Port at which remaining waste will be delivered
- Estimated amount of waste to be generated till next port

Waste details available on Request/Response

III- Sending data to Central SSN PortPlus General overview

Vessel ID | Vessel Details | Voyage

Pre-arrival 72h | Pre-arrival 24h | Arrival | Departure | Hazmat | Waste | Security | + Other

- Current Security Level *
- Agent in Port at Arrival (contact details)

* Mandatory

Security details:

- Valid ISSC (Y/N) *
- Reason for no Valid ISSC
- ISSC details
- Approved Security Plan *
- Security Related Matter to Report
- CSO (contact details) *

List of last 10 calls at port facilities:

- Port *
- Port Facility *
- Date Arrival / Departure *
- Security Level *
- Additional Security Measures

List of ship-to-ship activities:

- Location (Locode, Name or Lat/Long) *
- Date From / To *
- Ship-to-ship activity *
- Security Measures

Security details available on Request/Response

IV- Exemptions

1. How to report

2. How to consult

3. How information is processed in SSN

IV- Exemptions

- **Exemption information * :**
  Apply to **pre-arrival 24 hours** and **Hazmat** (Article 15 of VTMIS Directive), **Security *** (Article 7 of Security Regulation) and **Waste *** on a voluntary basis (Article 9 of PRF Directive)
- An **exemption notification** should be submitted to Central SSN each time an exemption is granted to a ship and each time changes are applied to an exemption.
- For **exempted vessel,** the response will only include the ship identifiers, the type of exemption granted, the time of validity of the exemption, the company name, the route, the authority granting exemption and the 24/7 point of contact for requesting more detailed information
- An **exemption** applies to a single ship

*SSN V3 new feature

IV- Exemptions

Reporting Exemptions

- **via the SSN web interface**

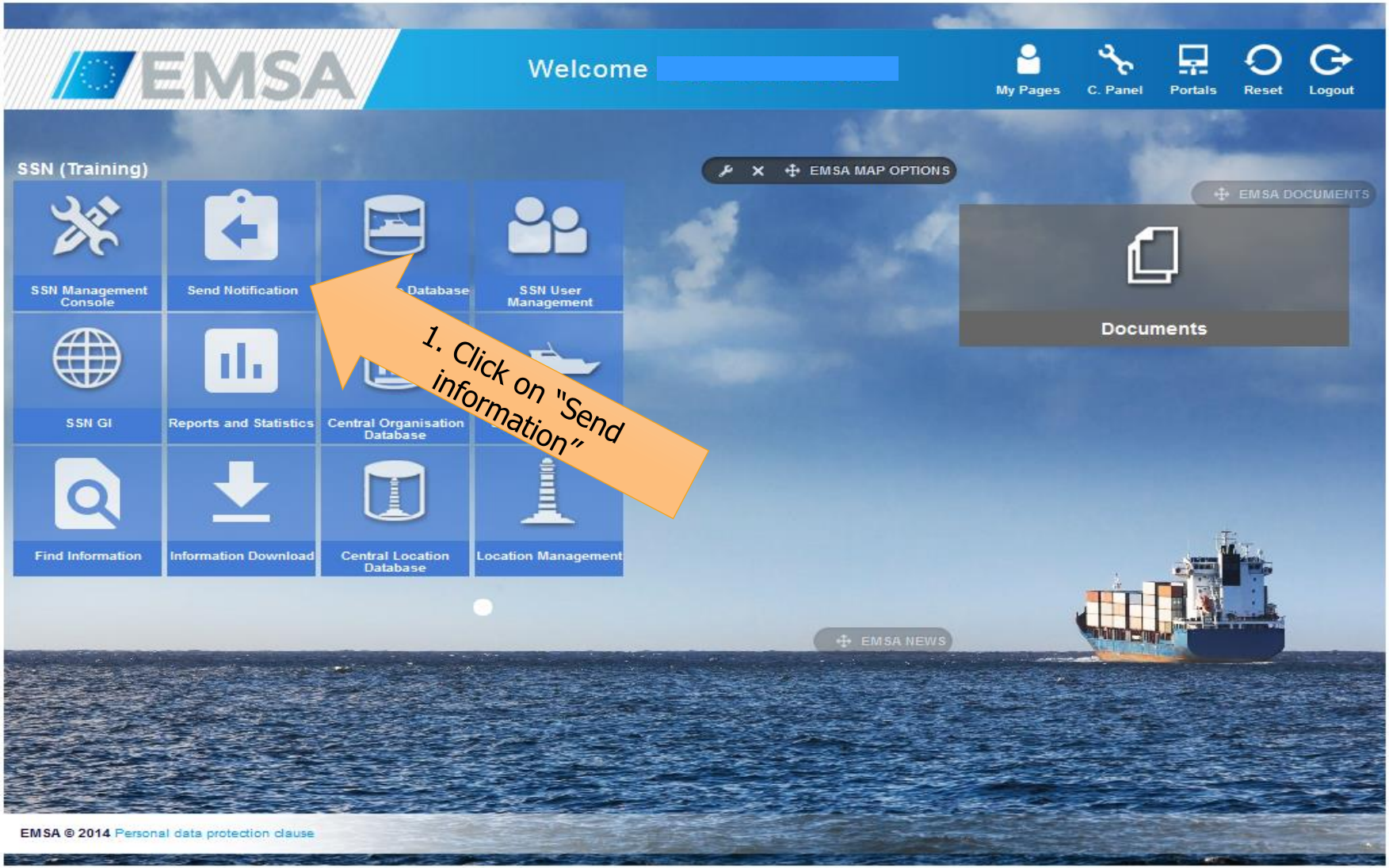
Or

- **via system interface - new XML message: Exemption_not**

Consulting information on Exemptions

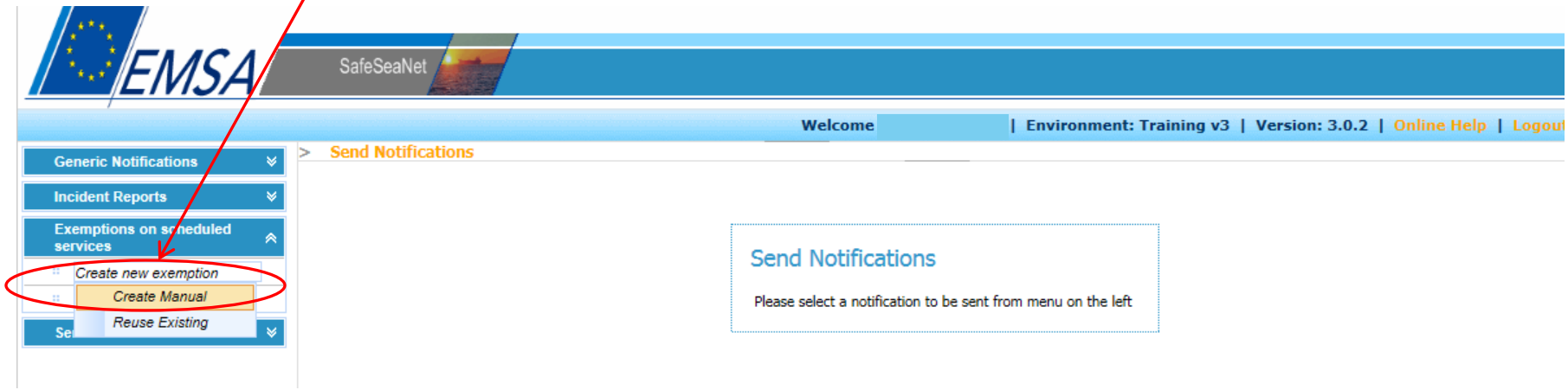
- **the information on the valid exemptions applicable to a ship are provided along with the response message** (individually for pre-arrival, Hazmat, Security and Waste)
- **available via system interface and SSN web interface**
- **lists of exemptions are also available on the SSN web interface**

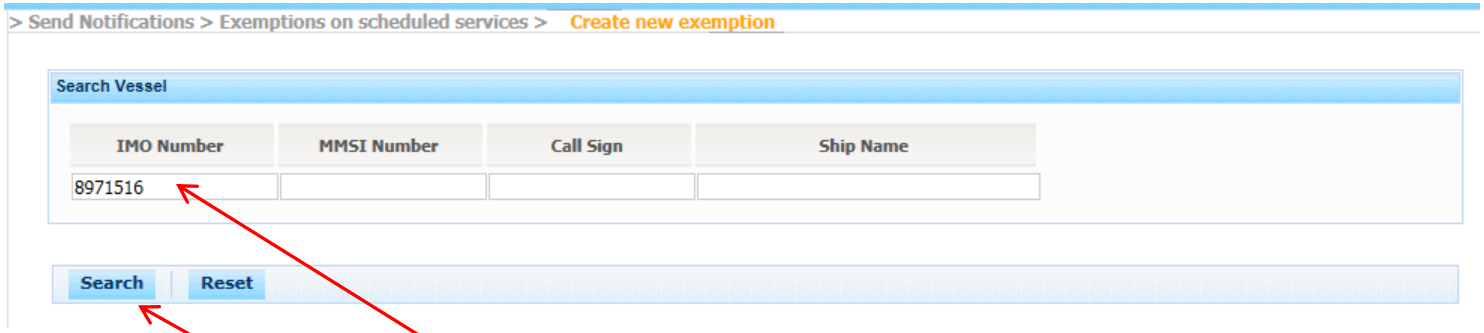
IV- Exemptions
How to report (via SSN web)



IV- Exemptions
How to report (via SSN web)

1. Select create new exemption / Create Manual





2. Select a ship and click on « Search »

IV- Exemptions
How to report (via SSN web)

3. Select Exemption type

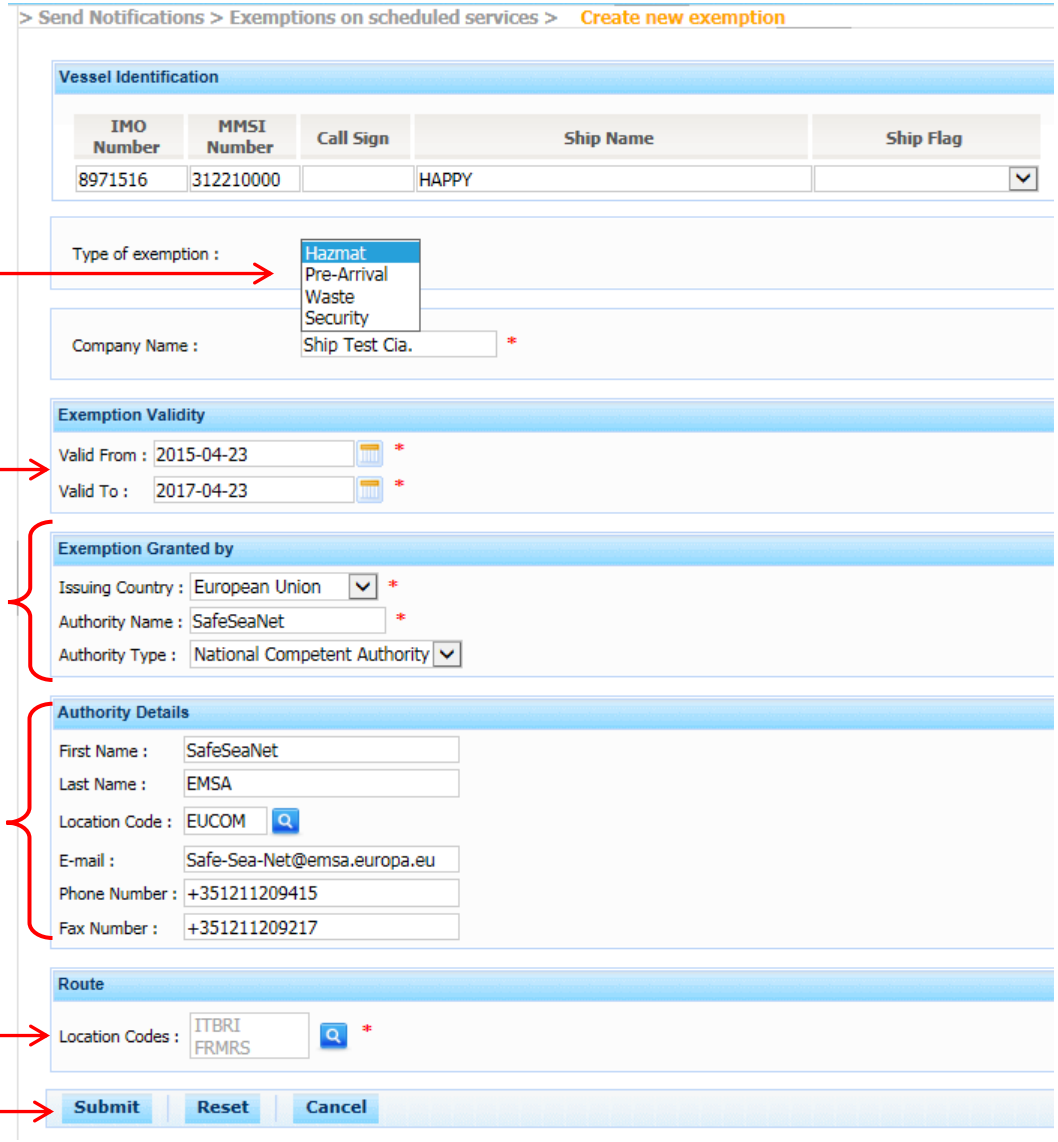
4. Validity of the exemption

5. Info on the Authority (by default the user details but can be modified)

6. Contact details for obtaining information on the exemption (by default the user details but can be modified)

7. Include the ship's route

8. Click « Submit »

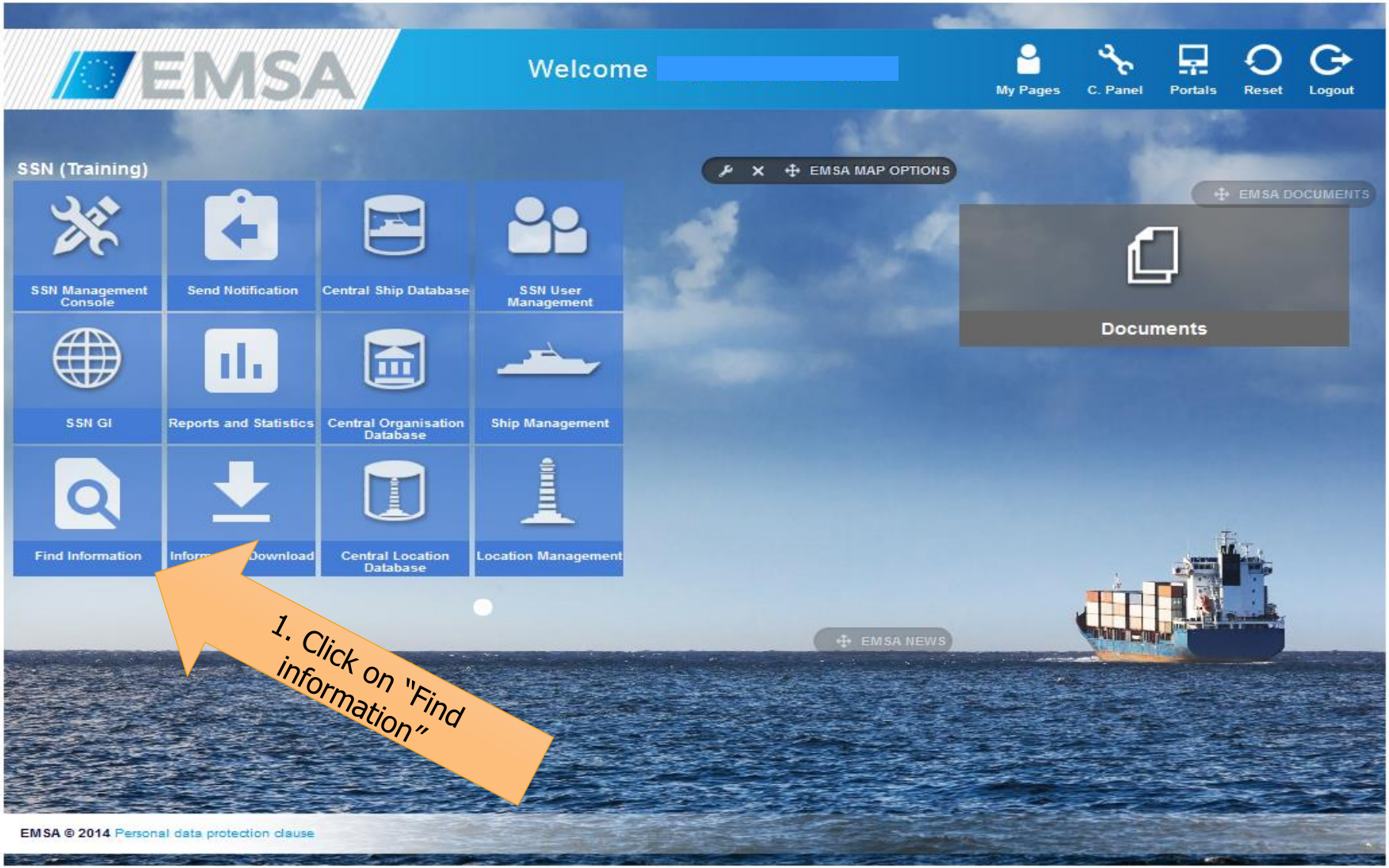


Exercise 1

Objective

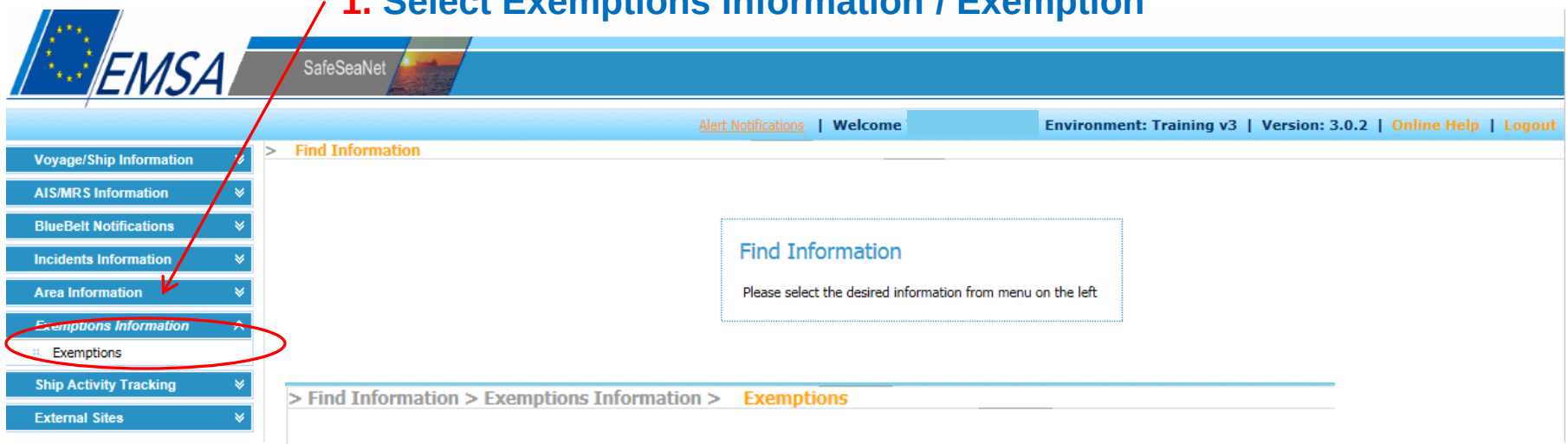
Report an exemption using the SSN web interface

IV- Exemptions
How to consult (via SSN web)



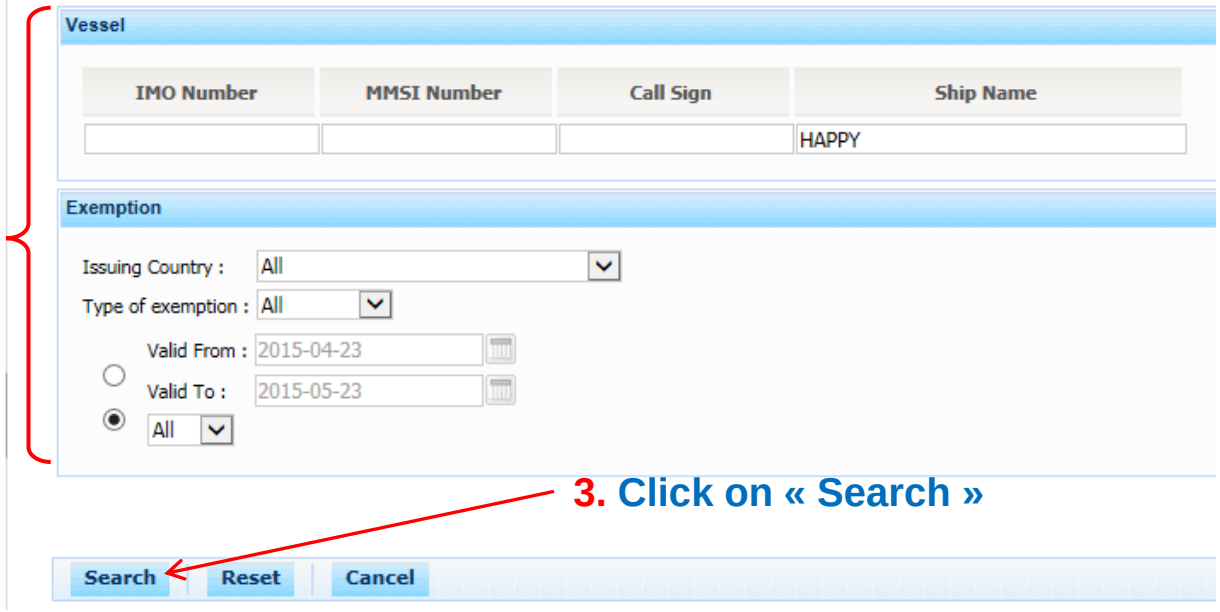
IV- Exemptions
How to consult (via SSN web)

1. Select Exemptions Information / Exemption



2. Search by:

- **Ship**
- **Exemption**
- **Validity**



3. Click on « Search »

IV- Exemptions
How to consult (via SSN web)

4. List with Search results:

Search Results

IMO Number	MMSI Number	Call Sign	Ship Name	Type	Company	Country	Authority Name	Phone	Fax	Scheduled Service	Valid From	Valid To
8971516	312210000		HAPPY	Hazmat	Ship Test Cia.	European Union	SafeSeaNet	+351211209415	+351211209217	EUNNN	2015-04-23	2017-04-23
8971516	312210000		HAPPY	Waste	Ship Test Cia.	European Union	SafeSeaNet	+351211209415	+351211209217	EUNNN	2015-04-23	2017-04-23

5. Possibility to export results as XLS, XML, CSV files

Consulting information on Exemptions

- **When searching for a ship information, the valid exemptions applicable to the ship are also provided along with the response message** (individually for pre-arrival, Hazmat, Security and Waste)

New !

IV- Exemptions
How to consult (via SSN web)

> Find Information > Voyage/Ship Information > Current Ship information > Relevant voyages

Vessel Identification

IMO Number	MMSI Number	Call Sign	Ship Name	Flag
8971516	312210000		HAPPY	

Back

Banned/Single Hull Tanker

Banned	SHT
N	N

Relevant Notifications

Date/Time of Request: 2015-04-23 16:17:05

Relevant Ship Calls

Sender	Sent At	Ship Call Id	Last Port	Last Call ETD	Port of Call	Current Call ETA	Current Call ATA	Current Call ETD	Current Call ATD	Next Port	Next Call ETA	View More Details
nswbgvar1	2015-04-17 15:59:05	BG1073			BGVAR	2015-04-21 00:00:00		2015-04-22 00:00:00				
nswbgvar1	2015-01-14 12:19:17	BG1036			BGVAR	2015-01-14 10:47:00						
nswbgvar1	2015-01-09 11:59:23	BG1033			BGVAR	2015-01-09 00:00:00	2015-01-08 00:00:00	2015-01-10 00:00:00	2015-01-09 05:00:00			

Exemptions applicable to the ship

Type	Company	Country	Authority Name	Phone	Fax	Scheduled Service	Valid From	Valid To
Hazmat	Ship Test Cia.	European Union	SafeSeaNet	+351211209415	+351211209217	EUNNN ,EUCOM	2015-04-23	2017-04-23
Waste	Ship Test Cia.	European Union	SafeSeaNet	+351211209415	+351211209217	EUNNN ,EUCOM	2015-04-23	2017-04-23

6. Valid exemptions applicable to the ship

Note: the voyage might not be relevant to the exemption

EMSA

Exercise 2

Objective

Check if there are any valid exemptions issued by the Member State given by trainer.

V- Searching via SSN Textual interface

1. Voyage

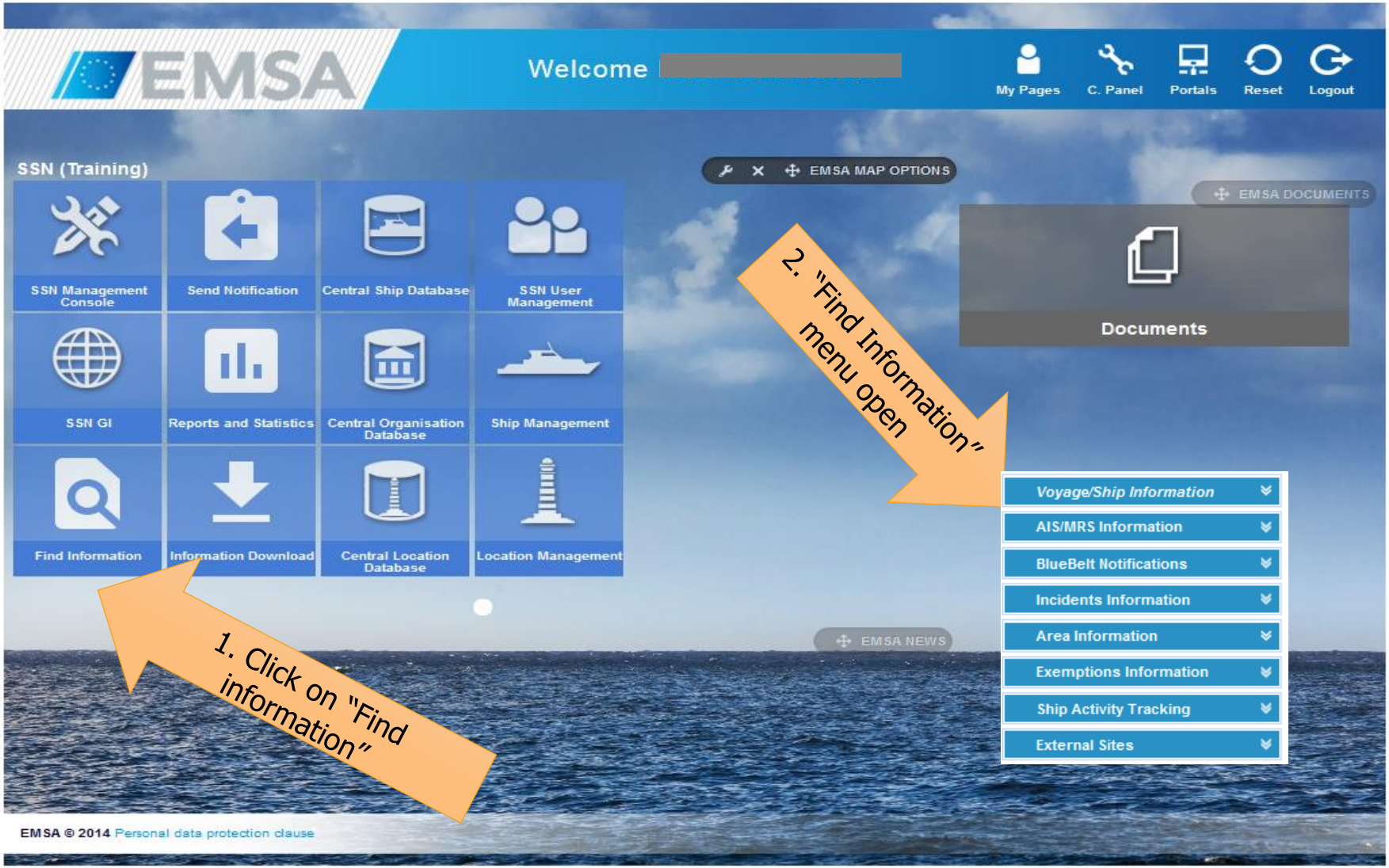
2. Hazmat

3. Security

4. Waste

5. Port

SSN TI Main page



V- Searching via SSN Textual interface – Voyage information

Easiest way to obtain vessel related data

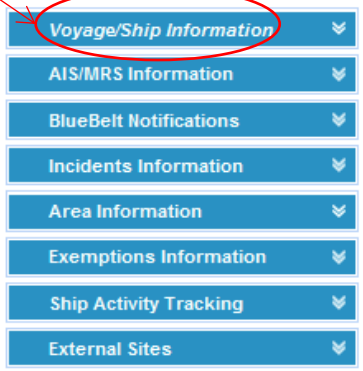
Provides, in one shot:

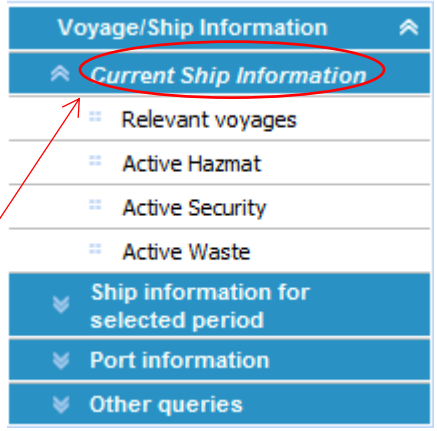
- The **current voyage** (where the vessel is bounding to)
- The **2 next voyages** (where the vessel will be)
- The **latest 10 ship voyages** (where the vessel was)
- **HAZMAT details** for each voyage
- **Waste and Security** details for each voyage
- **Incident reports**

V- Searching via SSN Textual interface

Voyage information

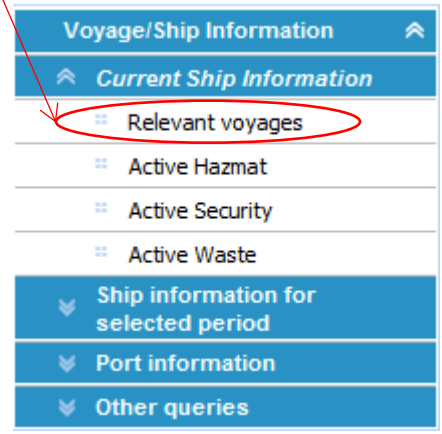
1. Select Voyage/Ship information





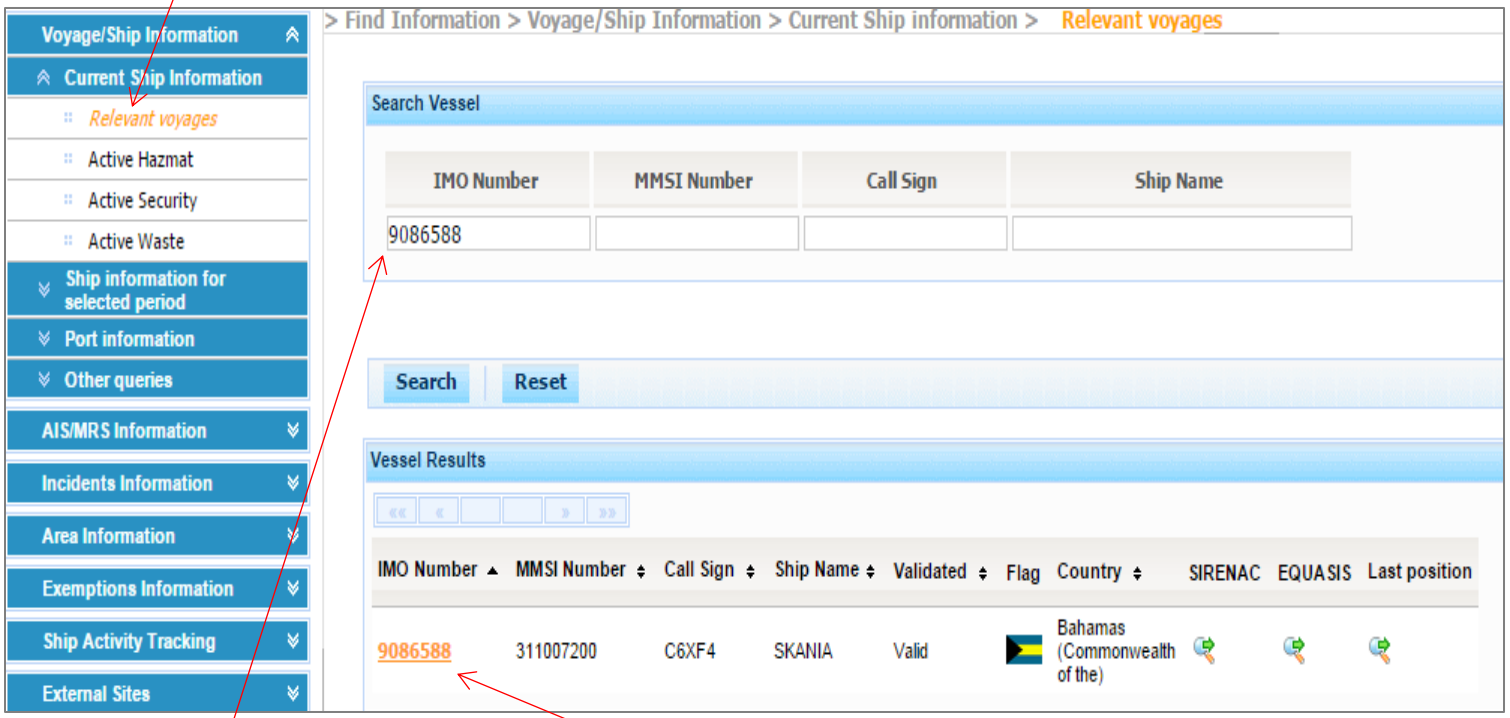
2. Select Current ship information

3. Select Relevant voyages



V- Searching via SSN Textual interface - Voyage information

3. Select the "Relevant voyages" panel



4. Identify a ship

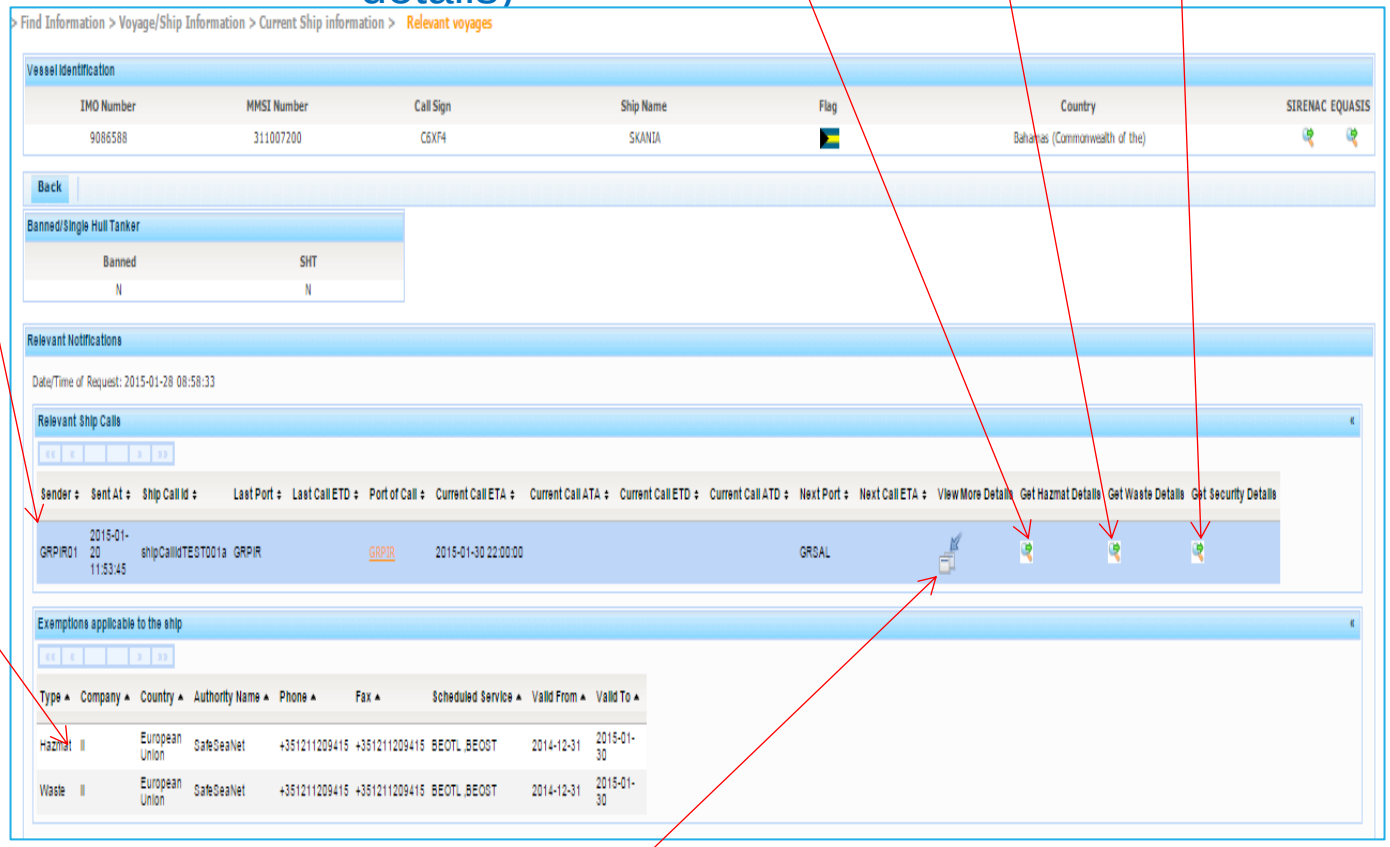
5. Select the chosen ship

V- Searching via SSN Textual interface - Voyage information

Voyage information

- Current Ship Call
- Next Ship Calls
- Historical Ship Calls
- Active exemptions
- Relevant Incident

- Presence of Hazmat – Waste – Security (click for details)



- To access for information click on “View More Details”

V- Searching via SSN Textual interface - View More Details

- Voyage Information
- Vessel Details
- 3 Days Pre-arrival
- 24h Pre-arrival
- Arrival
- Departure
- Hazmat confirmation
- Hazmat Summary
- Waste summary
- Security summary

Port Plus notification details

Voyage Information

Ship Call Id:	
Last Port:	GRPIR
Port Of Call:	BEOST
Position in port of call:	
Port Facility:	
ETD From Last Port:	
ETA To PortOfCall:	2015-03-13 22:00:00
ETD From PortOfCall:	
Next Port:	GRSAL
ETA To NextPort:	
Brief Cargo Description:	
Purpose of Call:	

Vessel Details

Gross Tonnage:	
Ship Type:	
Inmarsat Call Number:	
Issue Date:	
Certificate Number:	
LoCode:	
Location Name:	
Company Name:	
IMO Company Nr:	

3-day pre-arrival notification

Ship is expected to stay at an anchorage upon arrival :	
Planned Operations:	
Planned statutory survey inspections and substantial maintenance and repair work :	
Ship Configuration:	
Volume and nature of the cargo:	
Condition of the cargo and ballast tanks:	

Pre-arrival notification

POB voyage towards Port Of Call:	

Arrival Notification

ATA to Port Of Call:	
Ship is at anchorage:	

Departure Notification

ATD from Port Of Call:	
POB voyage towards Next Port:	

Hazmat Confirmation

Dangerous or polluting goods on board:	Y

Dangerous or polluting goods carried on board - Summary

INF ship class:	
DG classification:	IMDG IMSBC

Notification of waste and residues - Summary

Last port where waste was delivered :	GRSAL
Date when waste was delivered:	2015-01-06 00:00:00
Waste delivery status:	None

Security notification - Summary

Ship security level:	SL1
Name of agent at port of arrival:	test_agent
Phone:	2109341354
Fax:	2109341354
Email:	ii@ew.gr

EMSA

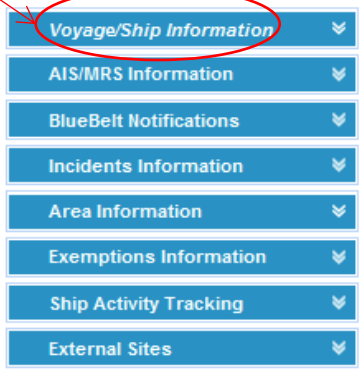
V- Searching via SSN Textual interface

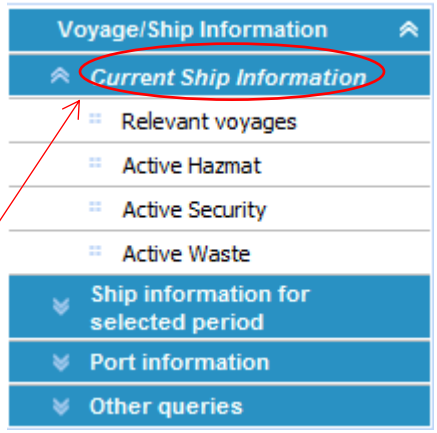
Hazmat

V- Searching via SSN Textual interface - HAZMAT

Option 1: Active Hazmat information

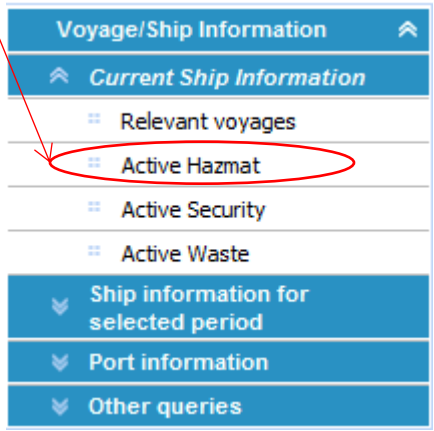
1. Select Voyage/Ship information





2. Select Current ship information

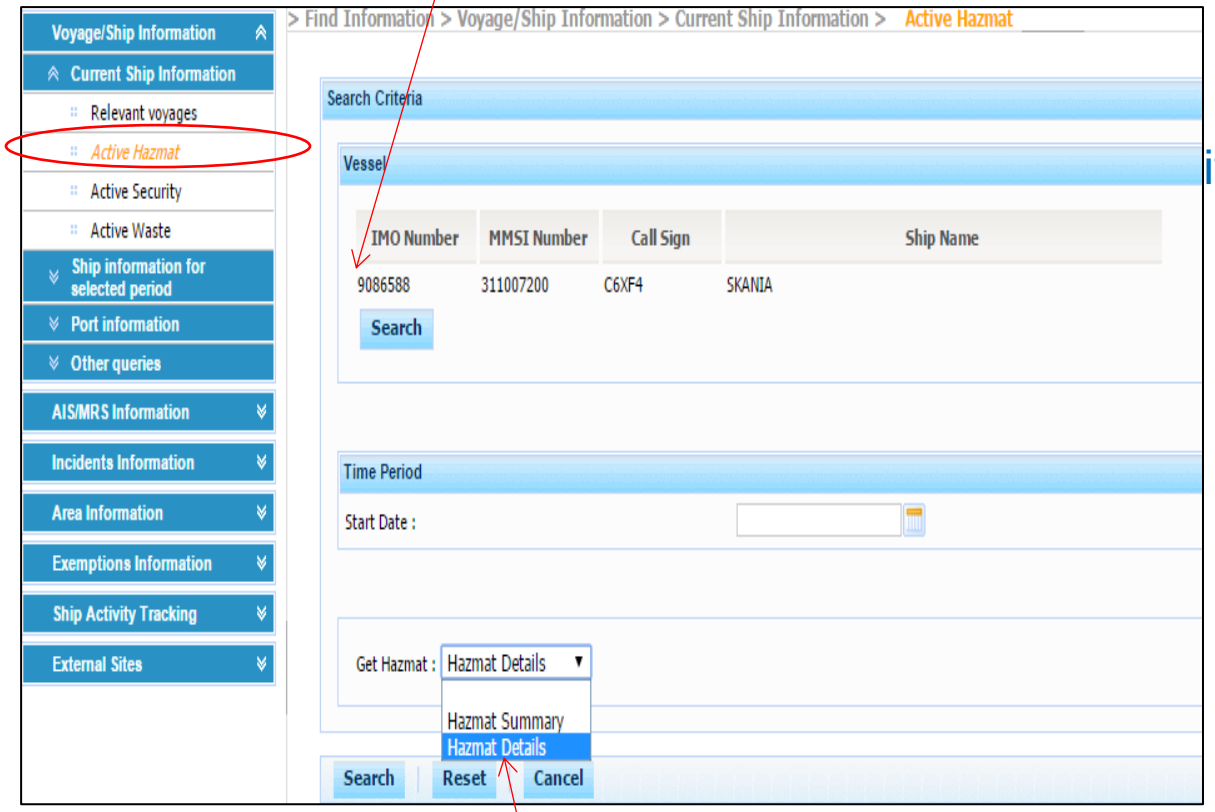
3. Select Active Hazmat



V- Searching via SSN Textual interface – HAZMAT

Active Hazmat: allows to retrieve information about the ship call considered active (based on ATD provided from departing port) with Hazmat carried on board.

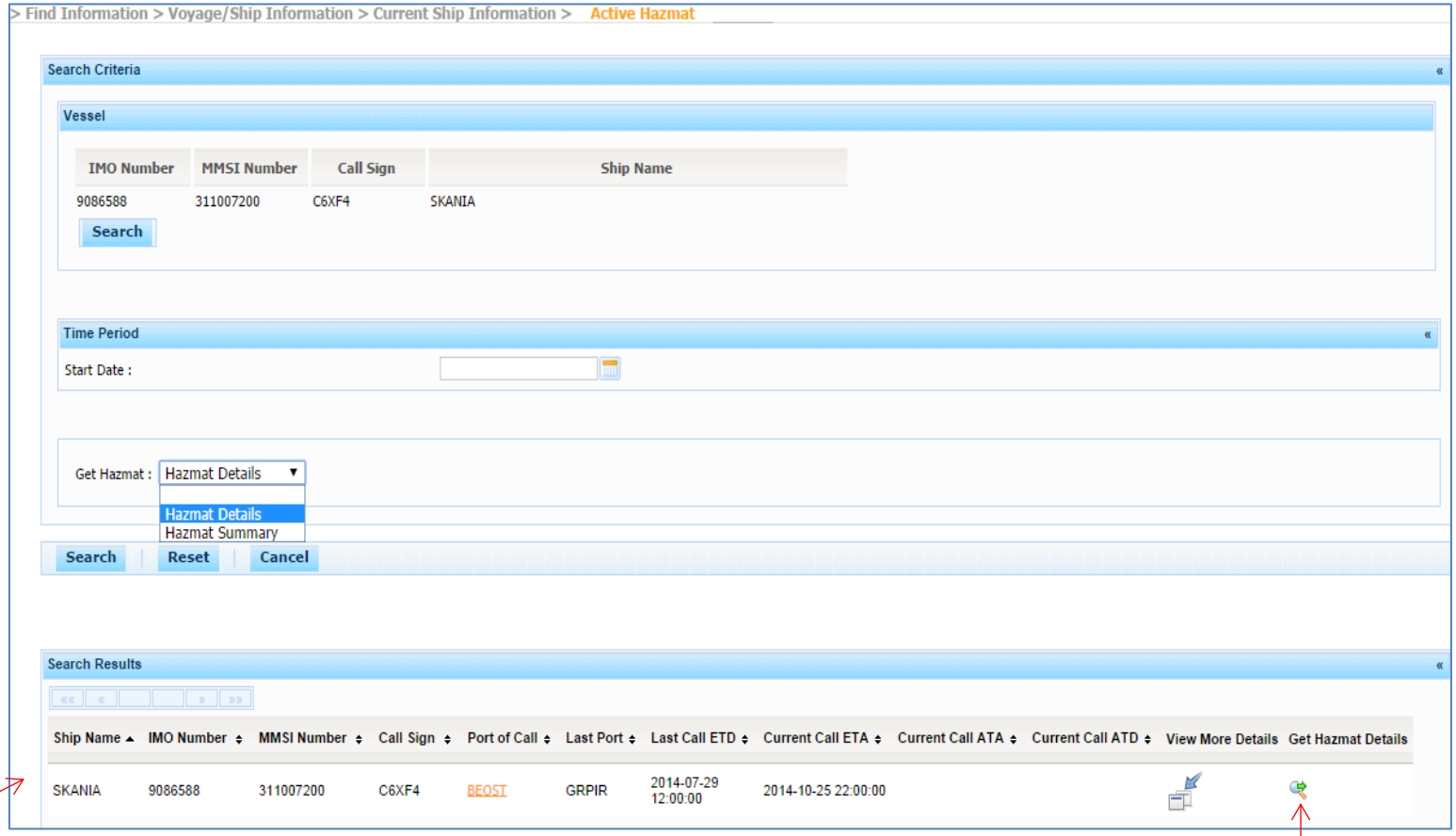
1. Select a ship



2. Select Hazmat summary or details

V- Searching via SSN Textual interface – HAZMAT

Active Hazmat



1. Shipcall associated to « Active Hazmat »

2. Click for "Active Hazmat" details

V- Searching via SSN Textual interface – Active HAZMAT

Dangerous or polluting goods carried on board - Summary

INF ship class: INF1

DG classification: IMDG
IGC

Dangerous or polluting goods carried on board - Details

Source of the information

Provider of the last update : GRPER01 **Date and time of the last update :** 2014-09-06 10:00:00 **ShipCallId :** test

Cargo Information

Consignment

Transport document Id: transportDocId
Port of loading: GRPR **Port of Discharge:** GRTA

DPG items in consignment

DPG item

DG Classification	Textual Reference	IMO Hazard Class	UN Number	Packing group	Flash point	Marpol code	Package type	Total Nr of packages	Add. Info	Ems	Subsidary Risks	Total gross qty	Total net qty
IMDG	textref	hazard	unn1	II	30.0	OS	1B	9	additional info	EmSNumber1 EmSNumber2	subsidaryRisk1 subsidaryRisk2	123.12 KGM	123.123 TNE

Transport Equipment Unit

Trans Unit Id	Location On board	Nr of packages	Gross qty	Net qty
transUnitId	WED	10	123.12 KGM	123.12 TNE
transUnitId2	LOE	20	150 KGM	150 TNE

Non Transport Equipment Unit

Location On board	Nr of packages	Gross qty	Net qty
LOE	10	123.12 KGM	

DPG item

DG Classification	Textual Reference	IMO Hazard Class	UN Number	Packing group	Flash point	Marpol code	Package type	Total Nr of packages	Add. Info	Ems	Subsidary Risks	Total gross qty	Total net qty
IGC	textref3	hazard3	unn3	II	30.0	OS	1B	8	additional info	EmSNumber3 EmSNumber4	subsidaryRisk3 subsidaryRisk4		

Transport Equipment Unit

Trans Unit Id	Location On board	Nr of packages	Gross qty	Net qty
transUnitId	WED	10		123.12 TNE
transUnitId2	LOE	20	150 KGM	

Address from which the detailed information on the dangerous and polluting goods may be obtained

URL: Click here

Close

Hazmat Details (part of)

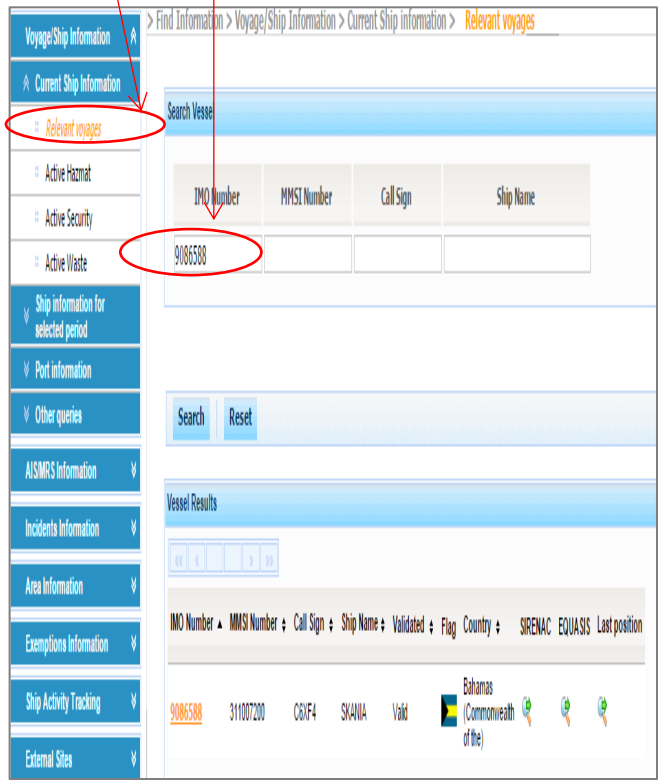
V- Searching via SSN Textual interface – Hazmat information

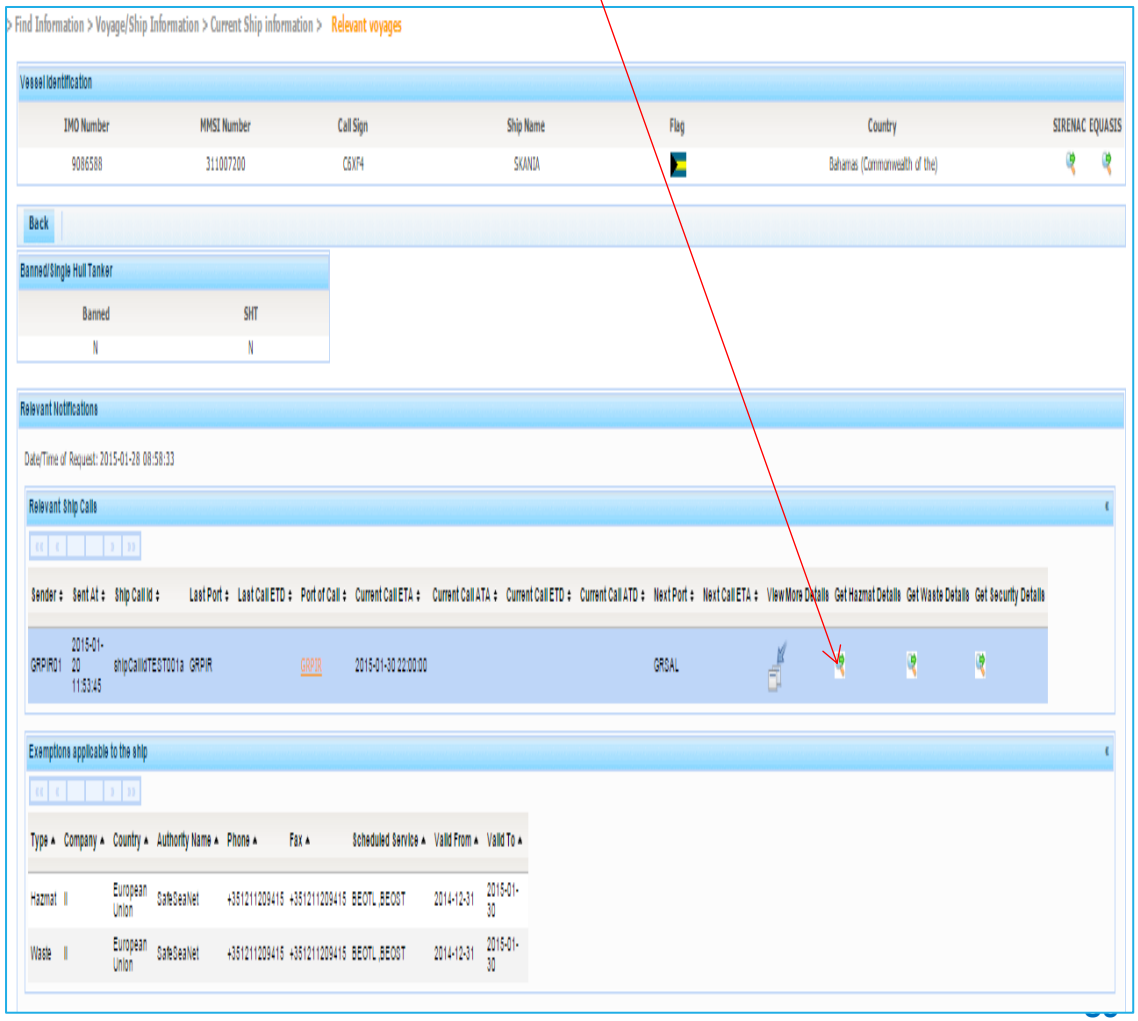
Option 2: Hazmat from Relevant voyage query

1. Select relevant voyage

2. Select the ship

3. Click for Hazmat details





EMSA

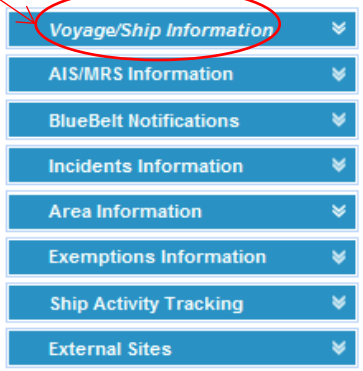
V- Searching via SSN Textual interface

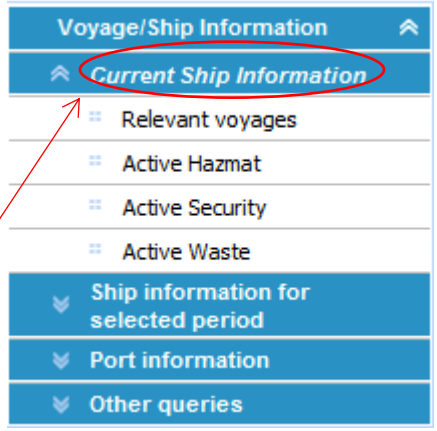
Security

V- Searching via SSN Textual interface - Security

Active Security information

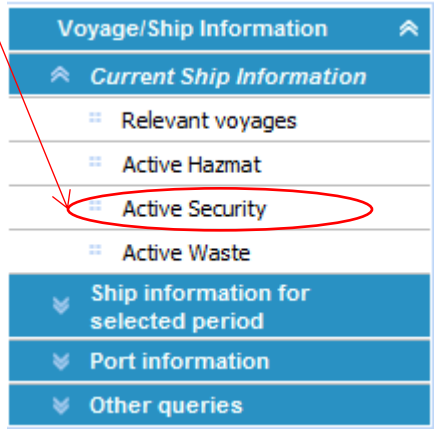
1. Select Voyage/Ship information





2. Select Current ship information

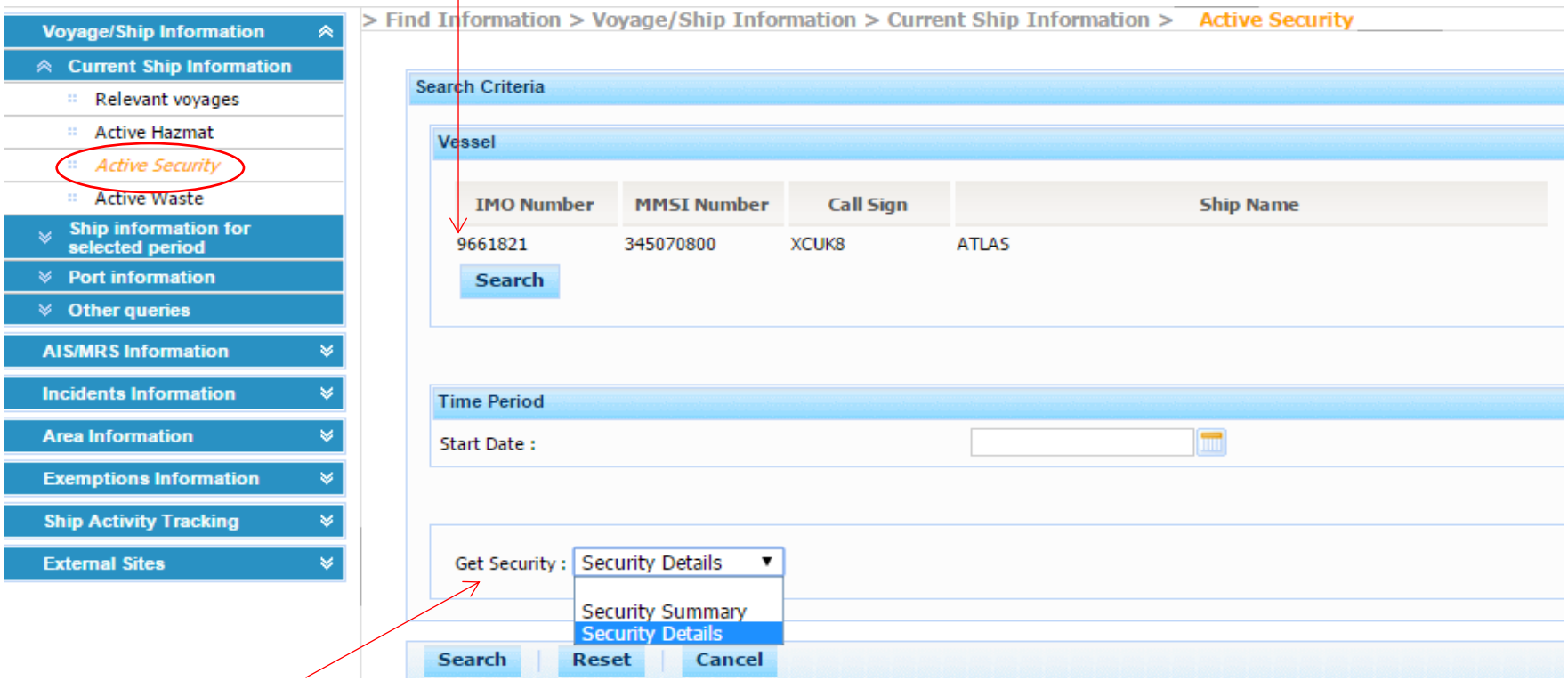
3. Select Active Security



V- Searching via SSN Textual interface - Security

Active Security information

4. select the ship



5. select Summary or details and click "Search"

V- Searching via SSN Textual interface – Active Security

> Find Information > Voyage/Ship Information > Current Ship Information > Active Security

Search Criteria

Vessel

IMO Number	MMSI Number	Call Sign	Ship Name
9661821	345070800	XCUK8	ATLAS

Search

Time Period

Start Date :

Get Security : Security Details

Security Details
Security Summary

Search | Reset | Cancel

6. Click for Security details

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details	Get Security Details
ATLAS	9661821	345070800	XCUK8	GREPI				2014-10-28 00:00:00			

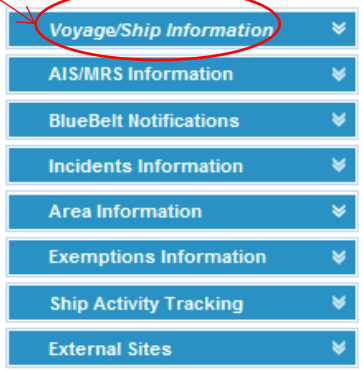
V- Searching via SSN Textual interface

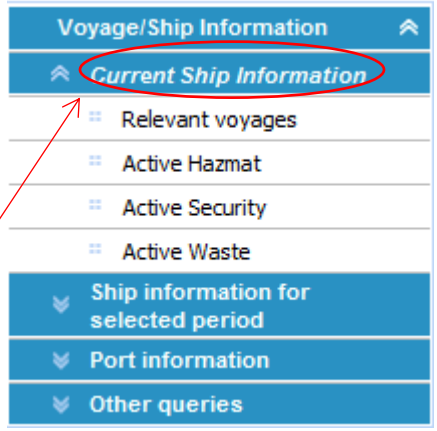
Waste

V- Searching via SSN Textual interface - Waste

Active Waste information

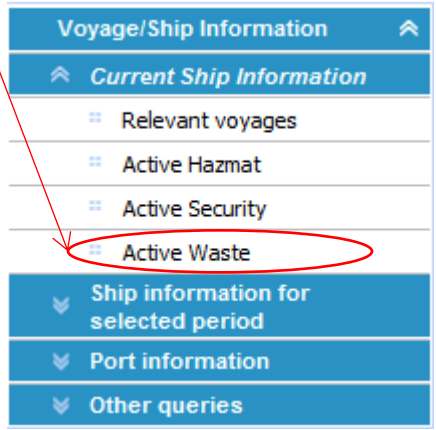
1. Select Voyage/Ship information





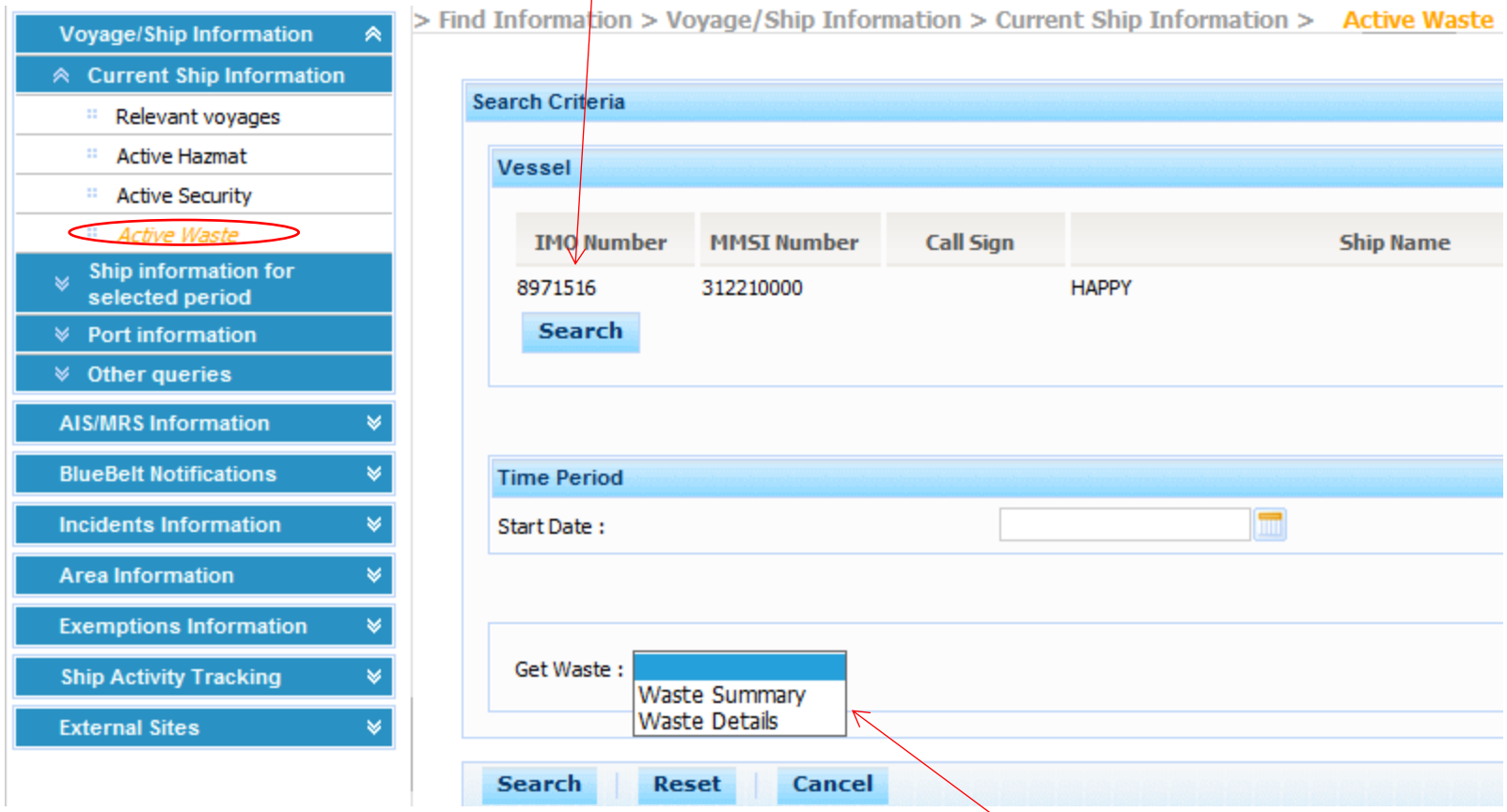
2. Select Current ship information

3. Select Active Security



V- Searching via SSN Textual interface - Waste

4. Ship selected



5. select Summary or details and click "Search"

V- Searching via SSN Textual interface - Waste

Search Criteria

Vessel

IMO Number	MMSI Number	Call Sign	Ship Name
8971516	312210000		HAPPY

Search

Time Period

Start Date :

Get Waste : Waste Details

5. Click for waste details

Search | Reset | Cancel

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details	Get Waste Details
HAPPY	8971516	312210000		BGVAR			2015-04-21 00:00:00				

NB: As for Hazmat details the option 2 to retrieve waste and security details is via the “Relevant voyages” query cf slide 36

Exercise 3

Objective

- Find relevant voyages of selected ship
- Verify if the vessel was carrying Hazmat and for which voyages. If so request for Hazmat details.
- Check if there is Security and/or Waste notification for the current/active voyage.

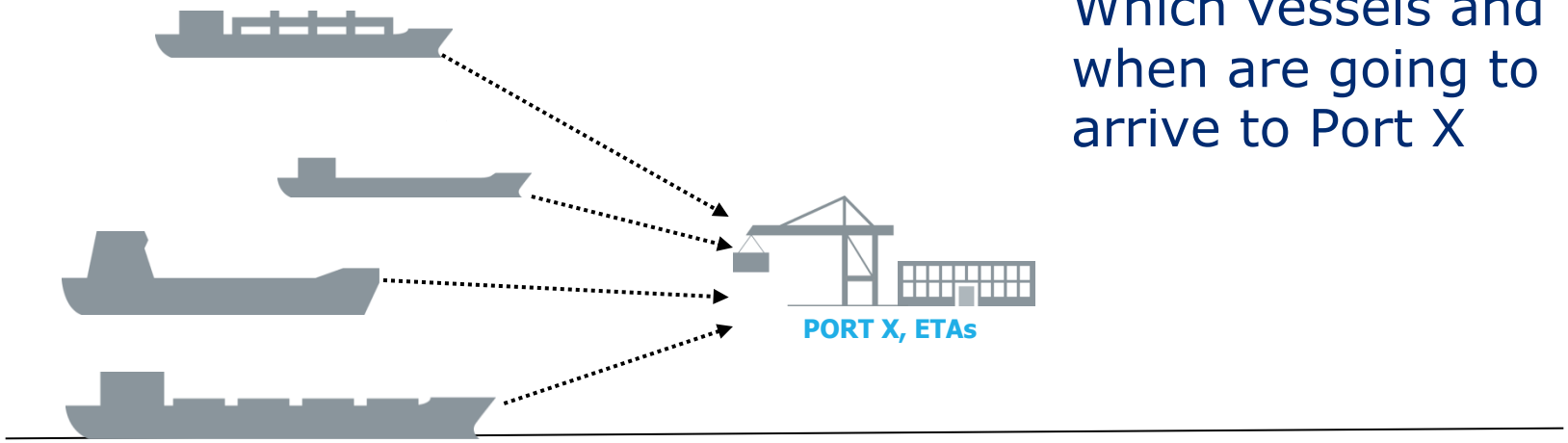
V- Searching via SSN Textual interface - Port

List of ships expected at a port

i.e. Show me the timetable of the expected arrivals to the specific port (location must be provided)

V- Searching via SSN Textual interface - Port

List of ships expected at a port



Which vessels and when are going to arrive to Port X

?

V- Searching via SSN Textual interface - Port

List of ships expected at a port

Works in the period starting from NOW and 30 days in the future

The query provides the expected Ship Calls at a given port for a specific timeframe within the next 30 days ONLY on the basis of ETA.

Mandatory criteria search criteria are:

Location code of the ship call (cannot be “ZZUKN”).

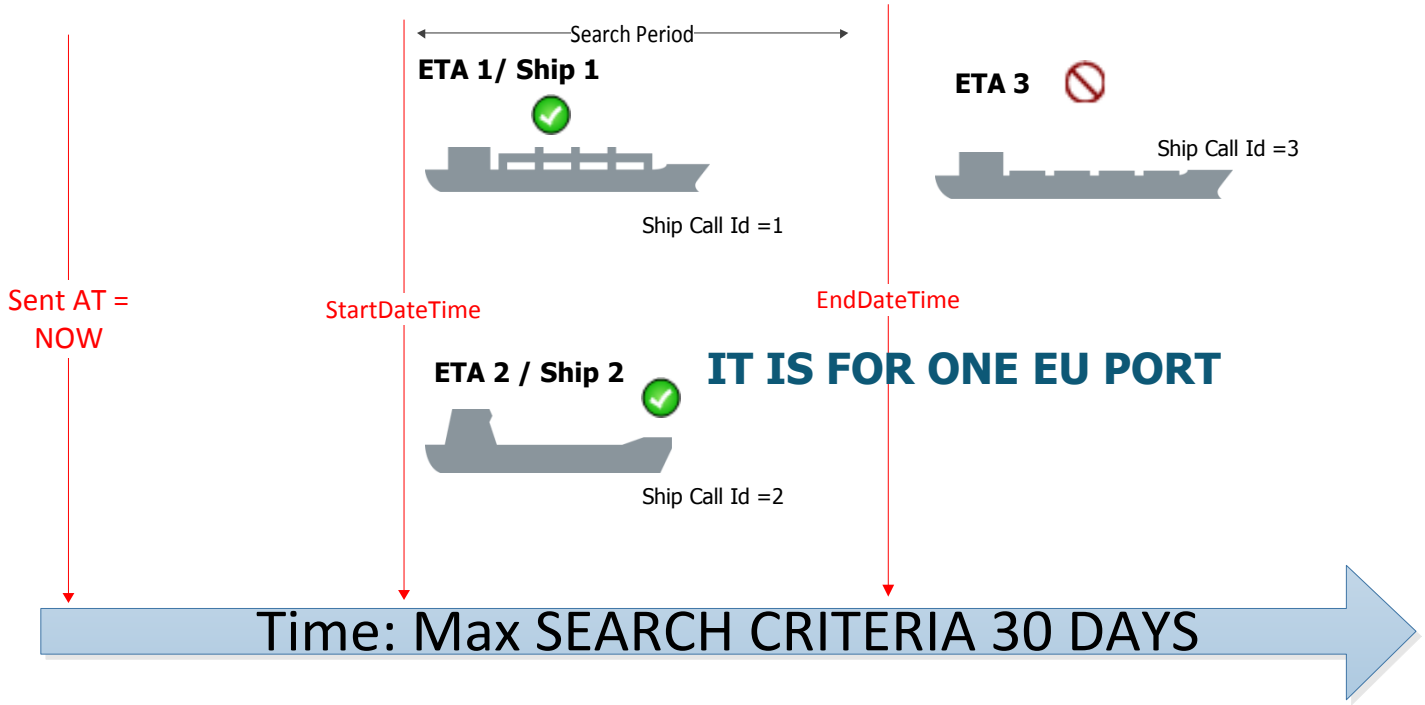
Time period criteria:

StartDateTime between NOW and + 30 days;

EndDateTime between StartDateTime and + 30 days;

V- Searching via SSN Textual interface - Port

List of ships expected at a port

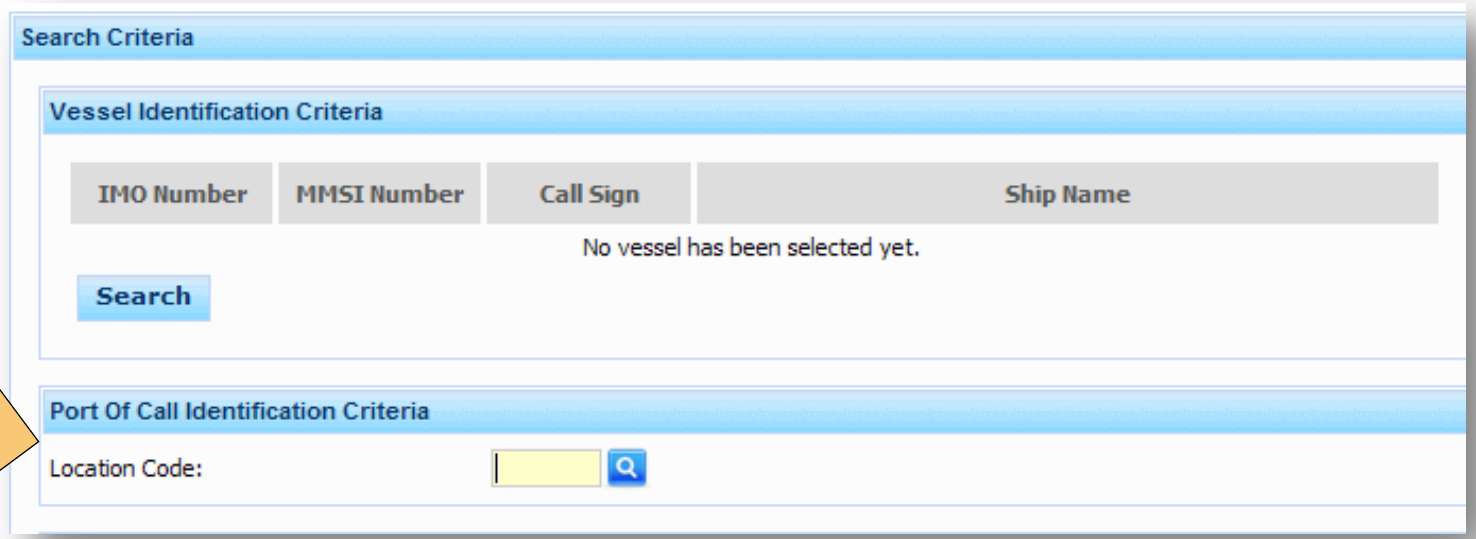


Result of the query: ETA1/Ship1, ETA2/Ship2

V- Searching via SSN Textual interface - Port

List of ships expected at a port – Hands-on (1)

Note 1: LOCATION CODE of the port is a mandatory search criteria in this query.
Query gives a timetable of ship calls at the selected port.

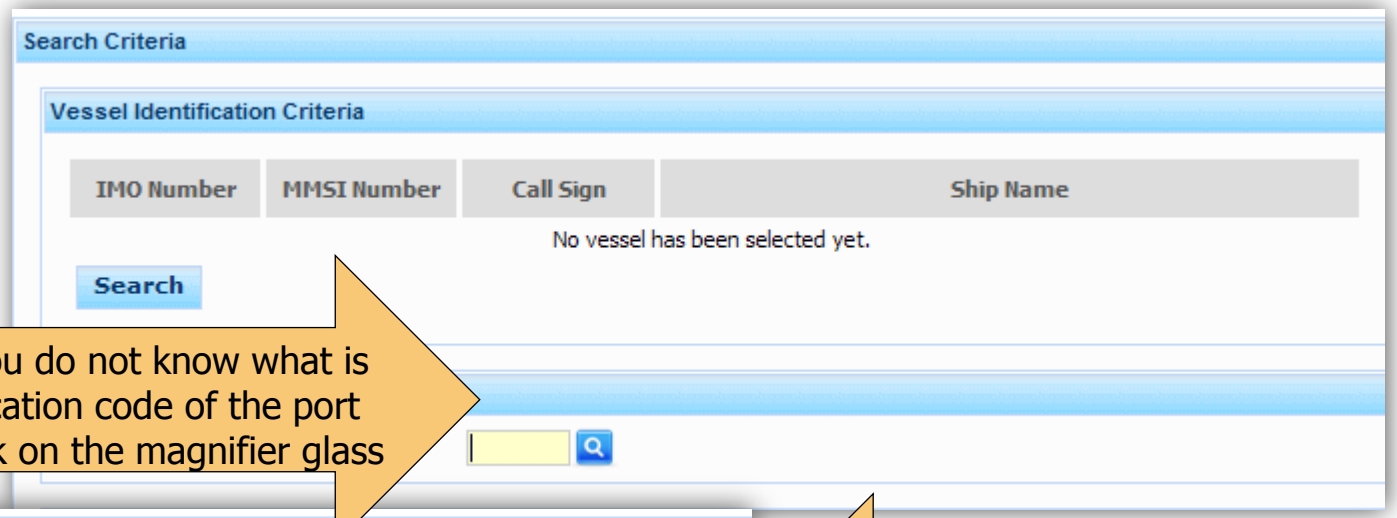


1. Insert search criteria - port

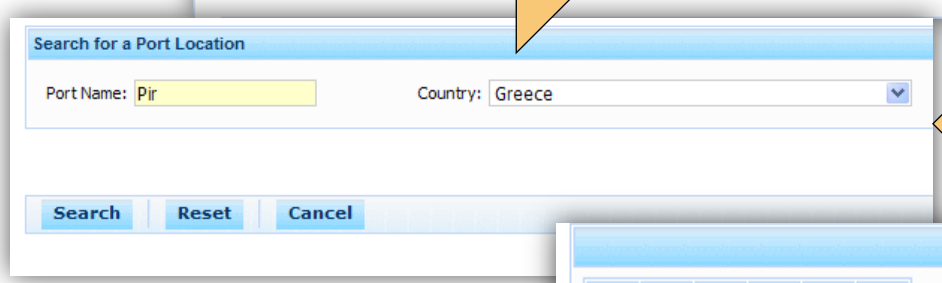
Note 2: IMO number of the vessel can also be provided, but in this case result will only reflect the ship expected calls

V- Searching via SSN Textual interface - Port

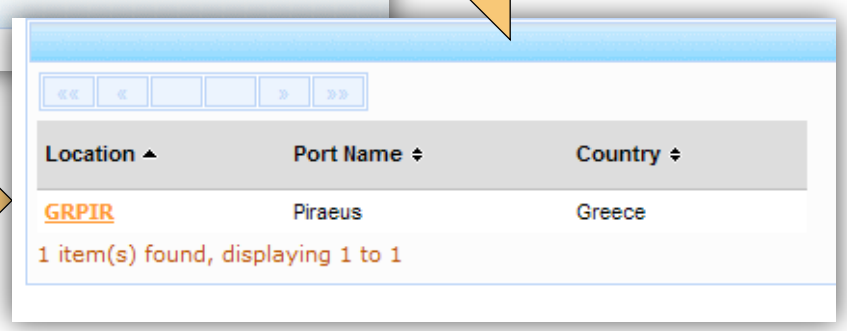
List of ships expected at a port – Hands-on (2)



2. If you do not know what is the location code of the port use click on the magnifier glass



3. Insert Port Name and Country

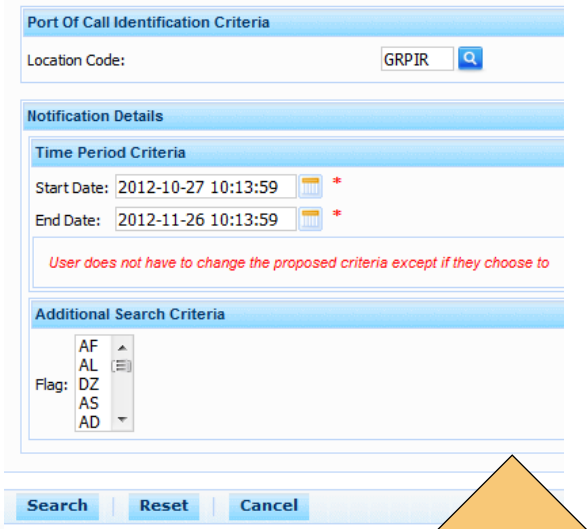


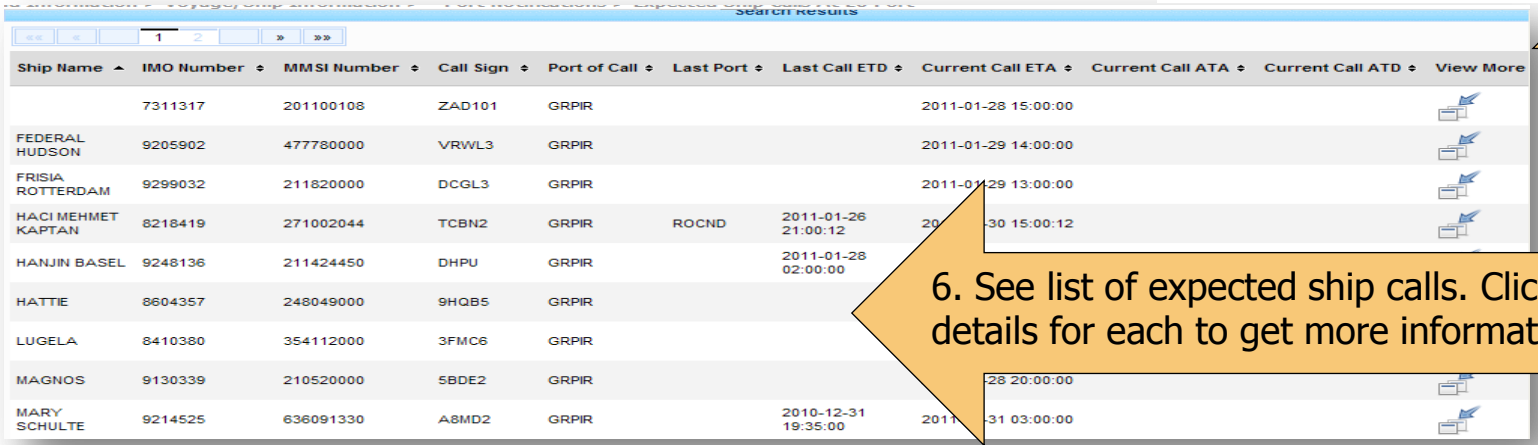
4. Get results with LOCODE of the port and click on it

V- Searching via SSN Textual interface - Port

List of ships expected at a port – Hands-on (3)

5. Insert search criteria – by default next 30 days and click Search





Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More
	7311317	201100108	ZAD101	GRPIR			2011-01-28 15:00:00			
FEDERAL HUDSON	9205902	477780000	VRWL3	GRPIR			2011-01-29 14:00:00			
FRISIA ROTTERDAM	9299032	211820000	DCGL3	GRPIR			2011-01-29 13:00:00			
HACI MEHMET KAPTAN	8218419	271002044	TCBN2	GRPIR	ROCND	2011-01-26 21:00:12	20 -30 15:00:12			
HANJIN BASEL	9248136	211424450	DHPU	GRPIR		2011-01-28 02:00:00				
HATTIE	8604357	248049000	9HQB5	GRPIR						
LUGELA	8410380	354112000	3FMC6	GRPIR						
MAGNOS	9130339	210520000	5BDE2	GRPIR			-28 20:00:00			
MARY SCHULTE	9214525	636091330	A8MD2	GRPIR		2010-12-31 19:35:00	2011 -31 03:00:00			

6. See list of expected ship calls. Click on details for each to get more information

Exercise 4

Objective

Find out which ships are expected at a selected by trainer EU port

VI - Ship MRS: new structure

1. What are the changes

2. How to report

3. How to consult

VI - Ship MRS: new structure
What are the changes

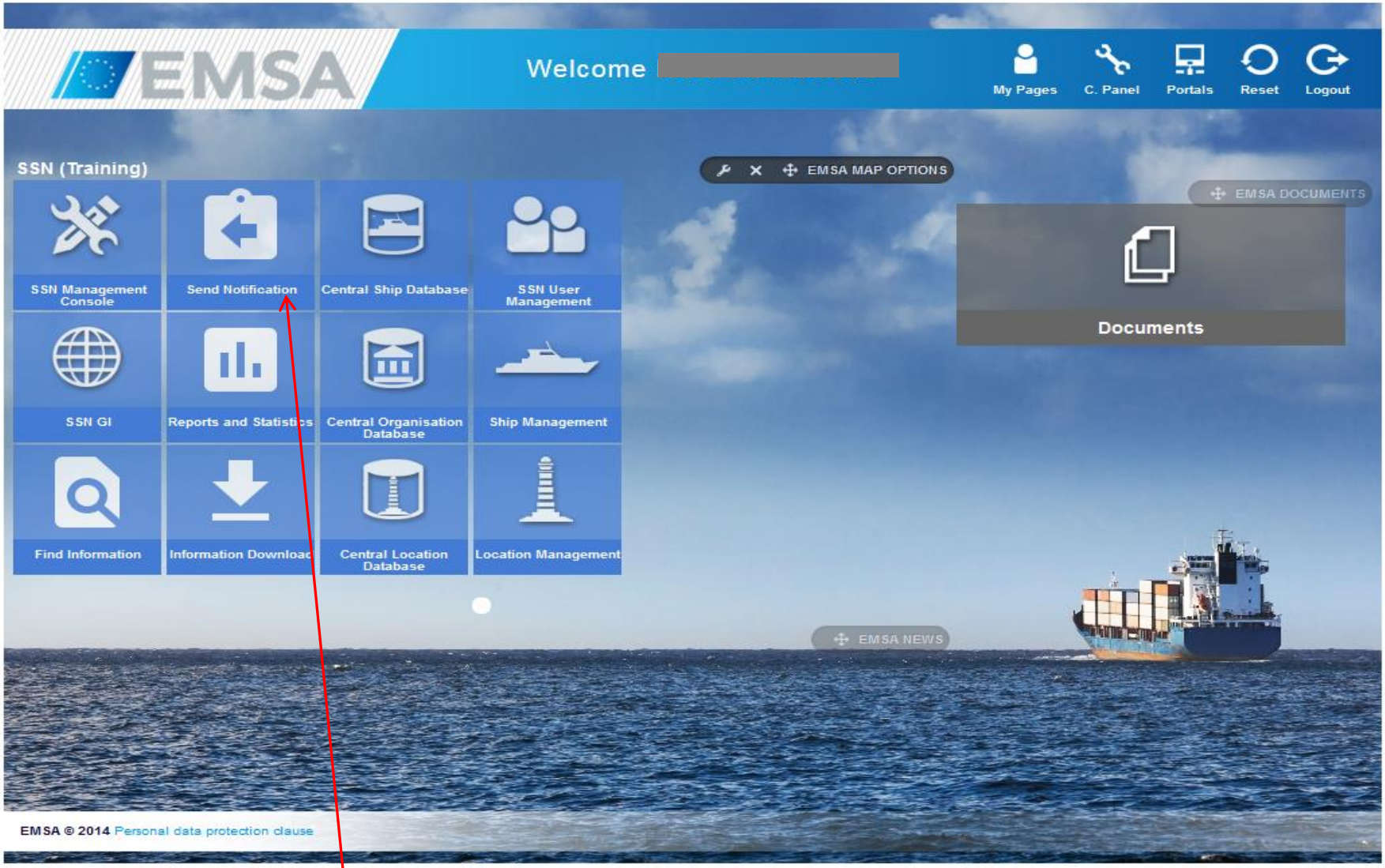
- **2 new queries for retrieving:**
  - **the latest AIS or MRS details for a selected ship (before MRS details were not differentiated with AIS).**
  - **a list of recent MRS information for a specific MRS.**
- **MRS details available only through XML (phone fax & attached documents possibilities removed)**
- **Additional information e.g. :**
  - **MRS identification (usefull to indentify from Where it comes from).**
  - **Any DG (to know immediatly from the notification if DPG on board)**

Elements	Attributes	Occ
Header		*1*
	Version	1
	TestId	0-1
	MSRefId	1
	SentAt	1
	From	1
	To	1
Body		1
MRSNotification		0-1
MRSInformation		1
	MRSIdentification	1
	CSTIdentification	0-1
	ReportType	0-1
MRSVesselIdentification		*1*
	IMONumber	0-1
	MMSINumber	0-1
	CallSign	0-1
	ShipName	0-1
MRSVoyageInformation		*1*
	NextPortOfCall	1
	ETA	0-1
	TotalPersonsOnBoard	1
	AnyDG	1
MRSShipPosition		*1*
	Longitude	1
	Latitude	1
	ReportingDateAndTime	1
AISNotification		*0-1*

In red: changes in MRS notification

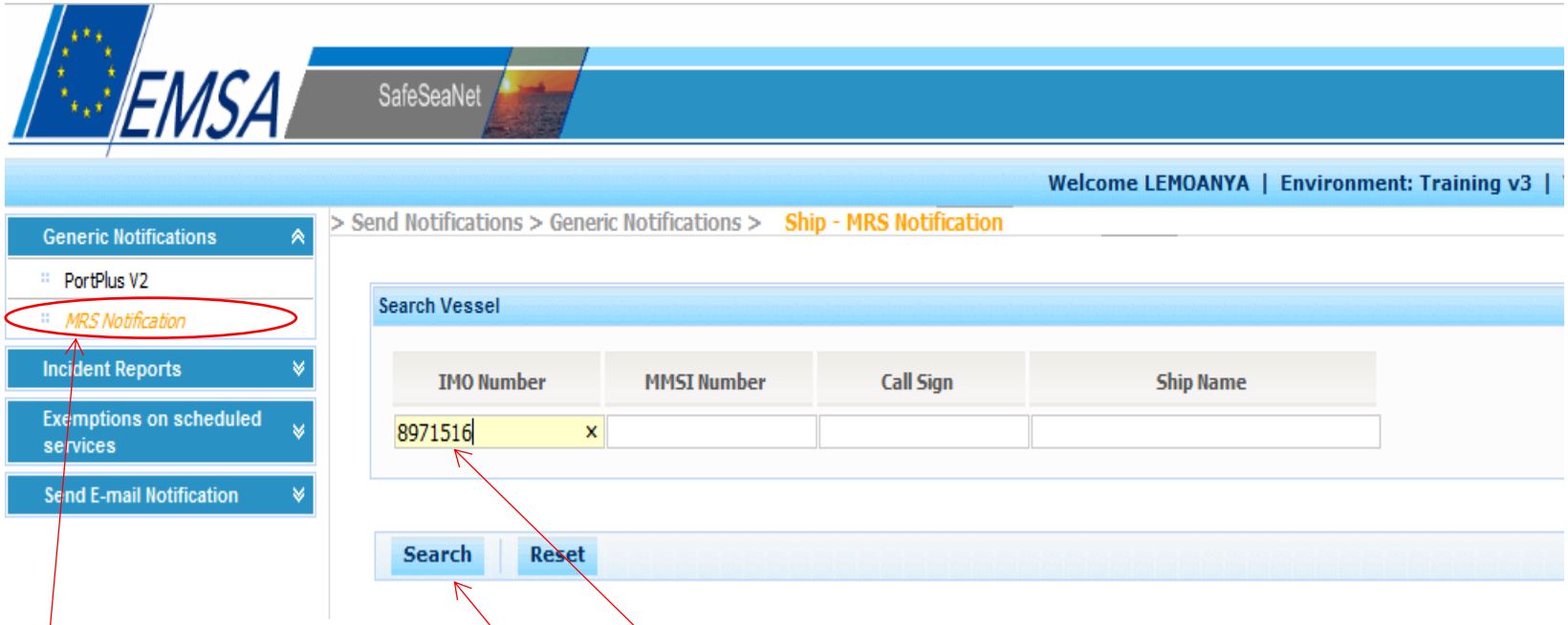
How to report

VI - Ship MRS: how to report



1. Select « Send Notification »

VI - Ship MRS: how to report



2. Select MRS Notification

3. Select a ship and click on « Search »

VI - Ship MRS: how to report

MRS Information

MRS Identification : *

CST Identification :

Voyage Information

Next Port of Call : *

ETA : 2015-01-28 09:56:50

Total persons on board : *

Any DG : yes

Reporting Date and Time : *

Ship Position

1/10000 Minutes | Degrees

Latitude N *

Longitude E *

Dynamic Information

COG : *

SOG : *

Navigational Status : under way using engine *

Bunker

Chars : *

Quantity : *

Cargo Information

Cargo Type : *

AOI :

DGDetails

IMO Class	Quantity	Delete
*	*	

Add | Remove

Contact details

The insertion of such information falls under the personal data protection policy defined by EC Regulation 45/2001.

LastName EMSA

FirstName SafeSeaNet

Locode EUCOM *

Phone +351211 *

FAX +351211 *

Email IOU@int *

Send | Reset | Cancel

4. Fill in and click on « Send »

EMSA

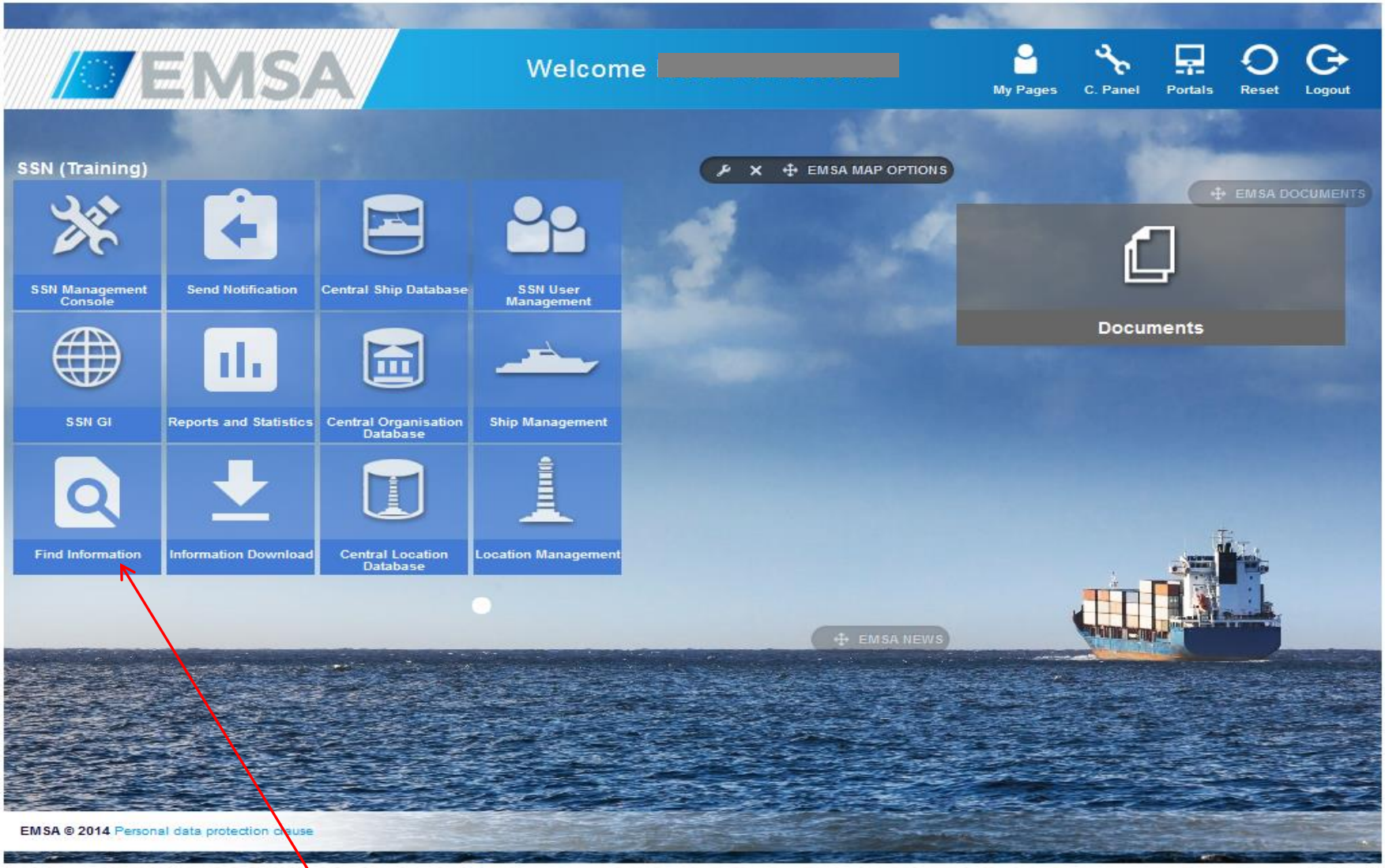
Exercise 5

Objective

Send MRS report using the SSN web interface

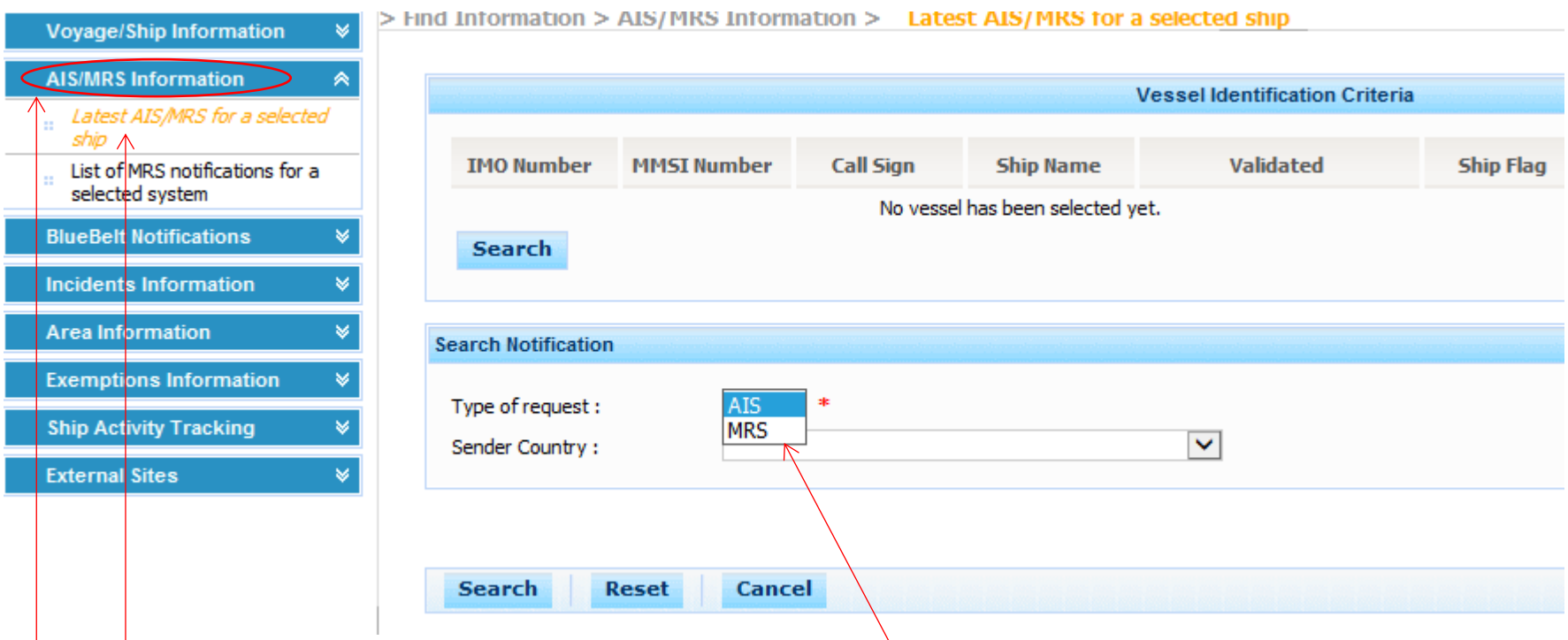
How to consult

VI - Ship MRS: how to report



1. Select « Find information »

VI - Ship MRS: new structure
How to consult – 1st query



3. Select « Latest AIS/MRS for a selected ship »

4. Select « MRS » eventually the « Sender country » to restrict the query and click on « Search »

2. Select « AIS/MRS information »

VI - Ship MRS: new structure How to consult

Find Ship Notifications

Vessel Identification

IMO Number	MMSI Number	Call Sign	Ship Name	Flag	Country	SIRENAC	EQUASIS
8971516	312210000		HAPPY		Belize		

Selected Type of Request: MRS

Date/Time of Request: 2015-04-20 10:56:46

MRS Identification:

Sender Country:

VI - Ship MRS: new structure H...

Ship Notification

From	Sent At	MRS	Type	Next Port of Call	Location Name	ETA To Port	Total persons on board	Any DG	Latitude	Longitude	View	Details	MAP
ANYA	2015-04-20 10:53:35	OUESSREP	MRS	PTLIS	Lisboa	2015-04-21 10:46:50	15	Y	(N)0° 0' 0"	(E)0° 0' 0"			

Back | Cancel

3. clik on Details

VI - Ship MRS: new structure How to consult

Ship (MRS) Notification Details

Reported Vessel

IMO Number : 9231511
MMSI Number : 239933000
Call Sign : SVFF
Ship Name: AMAZON EXPLORER

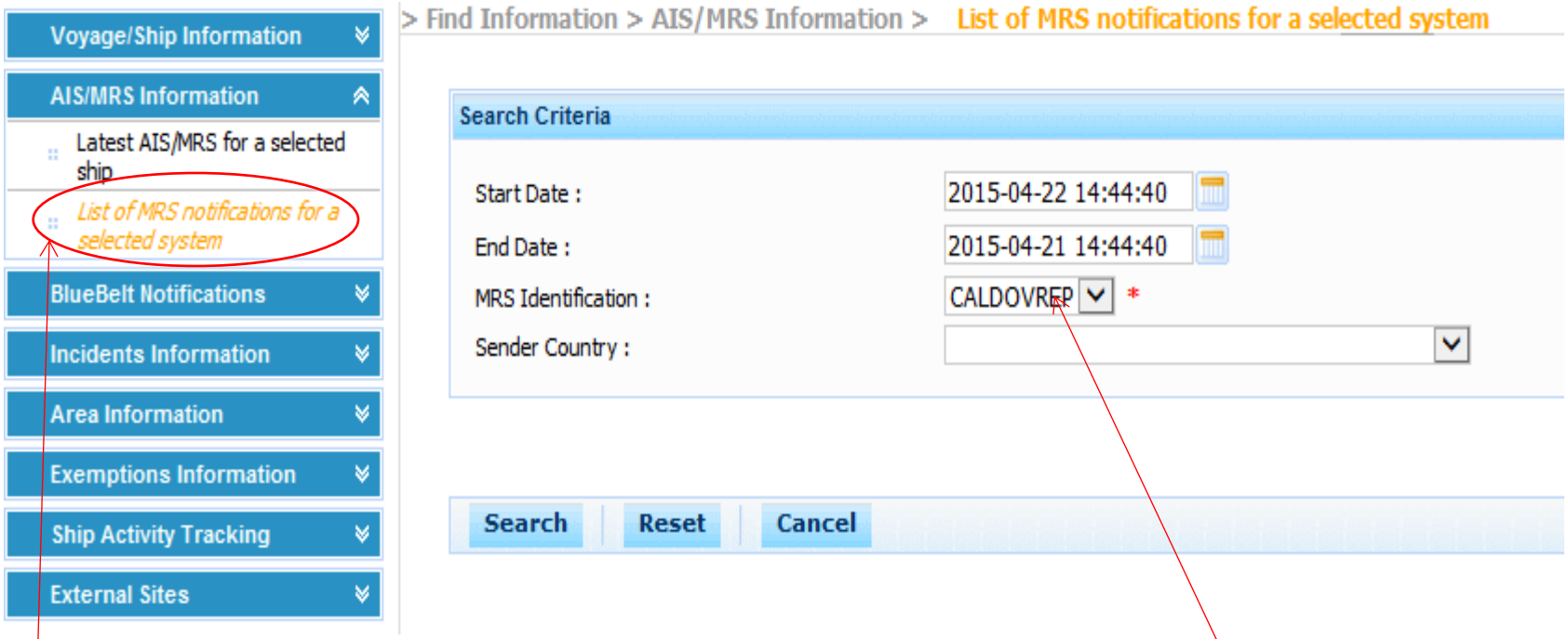
Sent At : 2015-04-20 15:52:32
Type : MRS
Next Port of Call : PTLIS
ETA To Port : 2015-04-21 15:42:00
Total persons on board : 15
Latitude : (N)30° 20' 10"
Longitude : (N)15° 10' 5"

Reporting Date And Time: 2015-04-20 15:43:00
COG: 90
SOG: 20
Navigational Status: 0
Bunker
Chars: FO
Quantity: 20
Cargo Type: HFO test test
Any DG: N
DGDetails
IMO Class: 3
Quantity: 50000 tons

Close

NB. This page will be updated to contain the MRS type, CST, AOI and Contact details.

VI - Ship MRS: new structure
How to consult – 2nd query



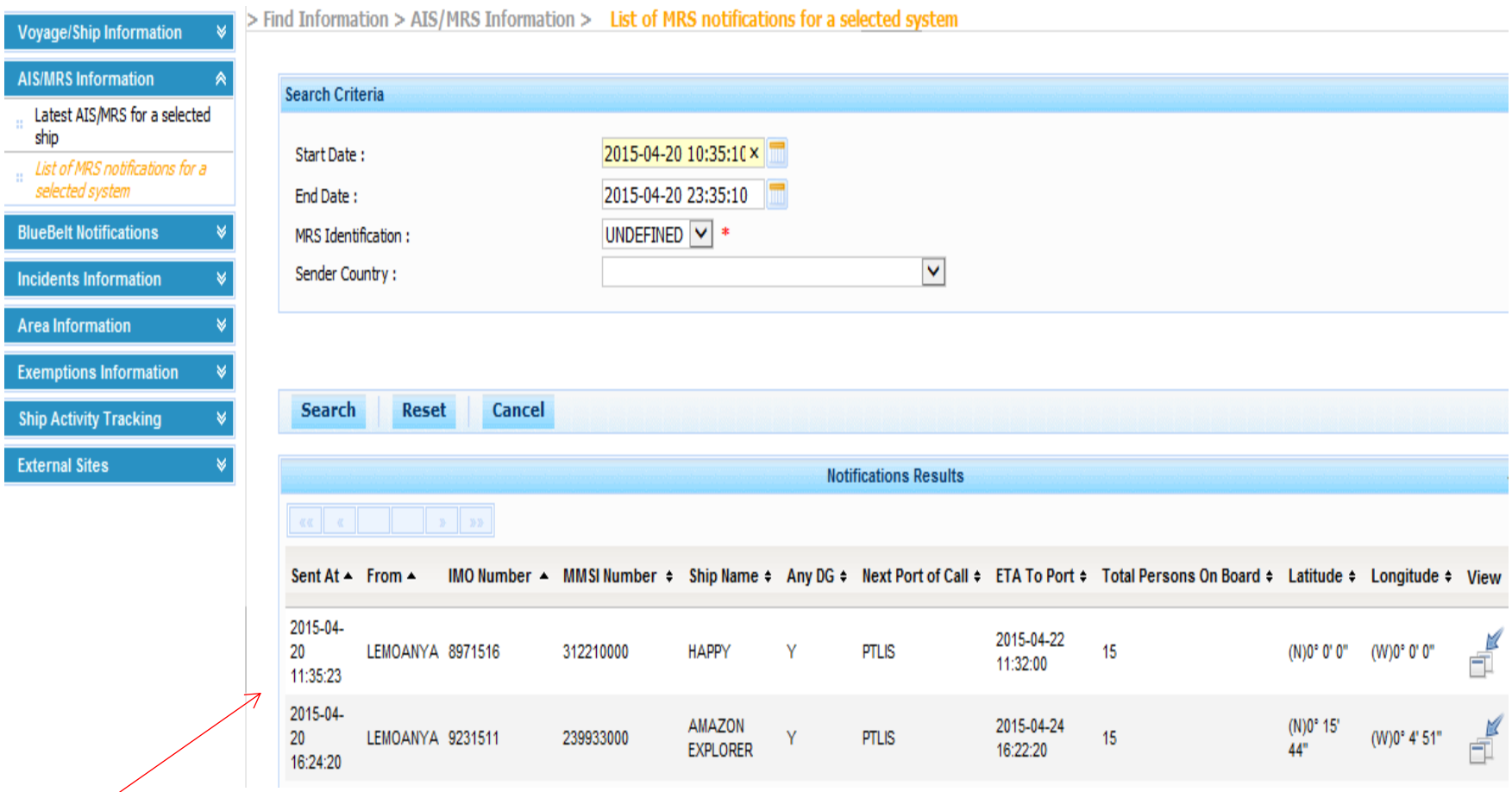
3. Select « List of MRS Notifications for a selected system

4. Select:

- **Time criteria**
- **Type of MRS (e.g. CALDOVREP) Mandatory**
- **Sender country and**

click on « Search »

VI - Ship MRS: new structure
How to consult – 2nd query



List of MRS messages sent for a MRS system (e.g. Undefined)

VI - Ship MRS: new structure
How to consult – 2nd query

Notification Details Info

Find Ship Notifications

Notification ID

Sent At	From
2015-04-20 11:35:23	LEMOANYA

MRS Information

MRS	CST Identification
UNDEFINED	Tests1

Voyage Information

Next Port of Call	ETA To Port	Total Persons On Board	Any DG
PTLIS	2015-04-22 11:32:00	15	Y

Ship Position

Longitude	Latitude	Reporting Date and Time
(N)0° 15' 44"	(W)0° 4' 51"	2015-04-20 11:33:00

Details of MRS message

Exercise 6

Objective

Search for MRS reports of the vessel indicated by trainer

VII – SSN Graphical Interface

1. Main panel

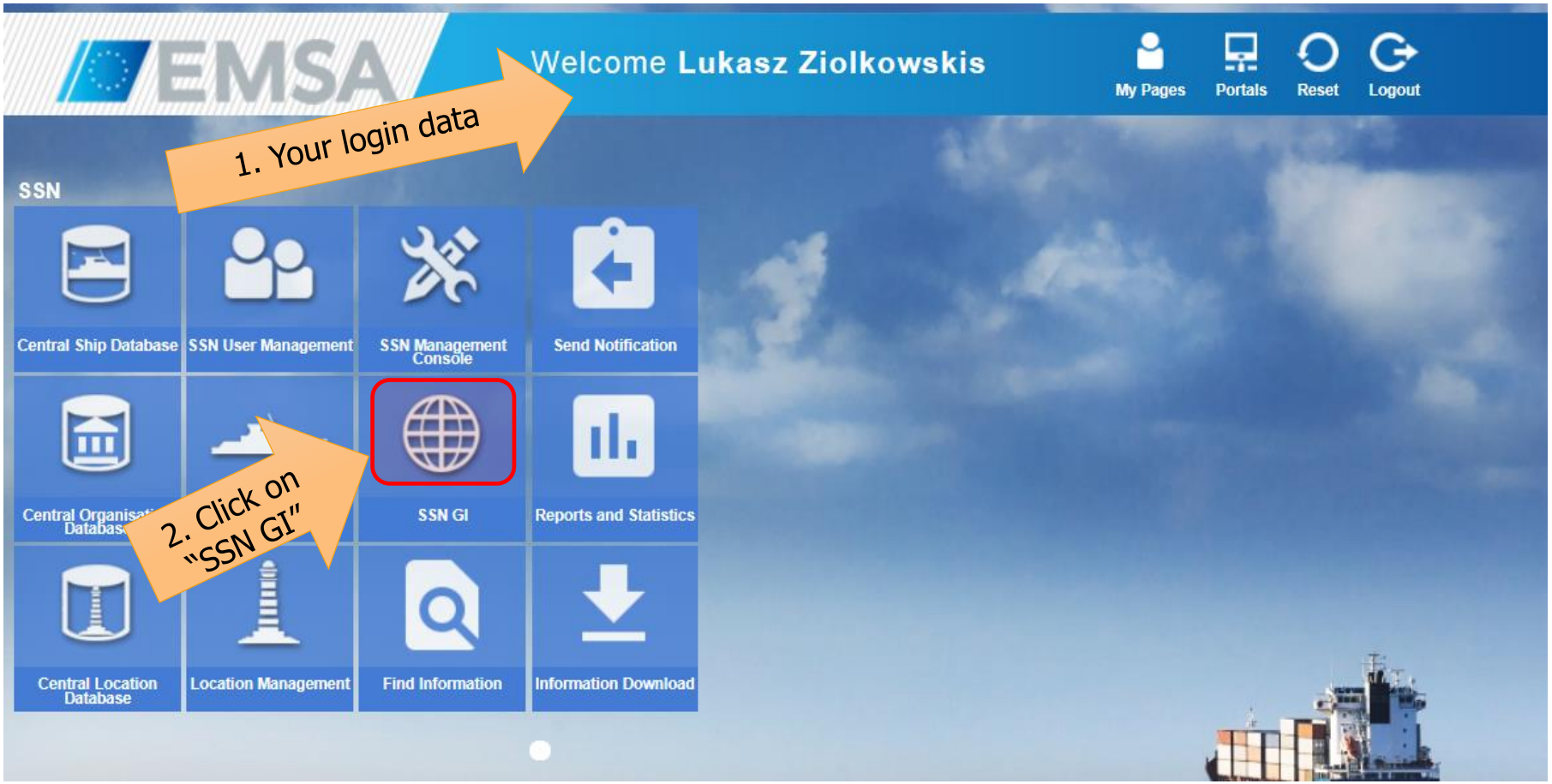
2. New features

A. Incident reports

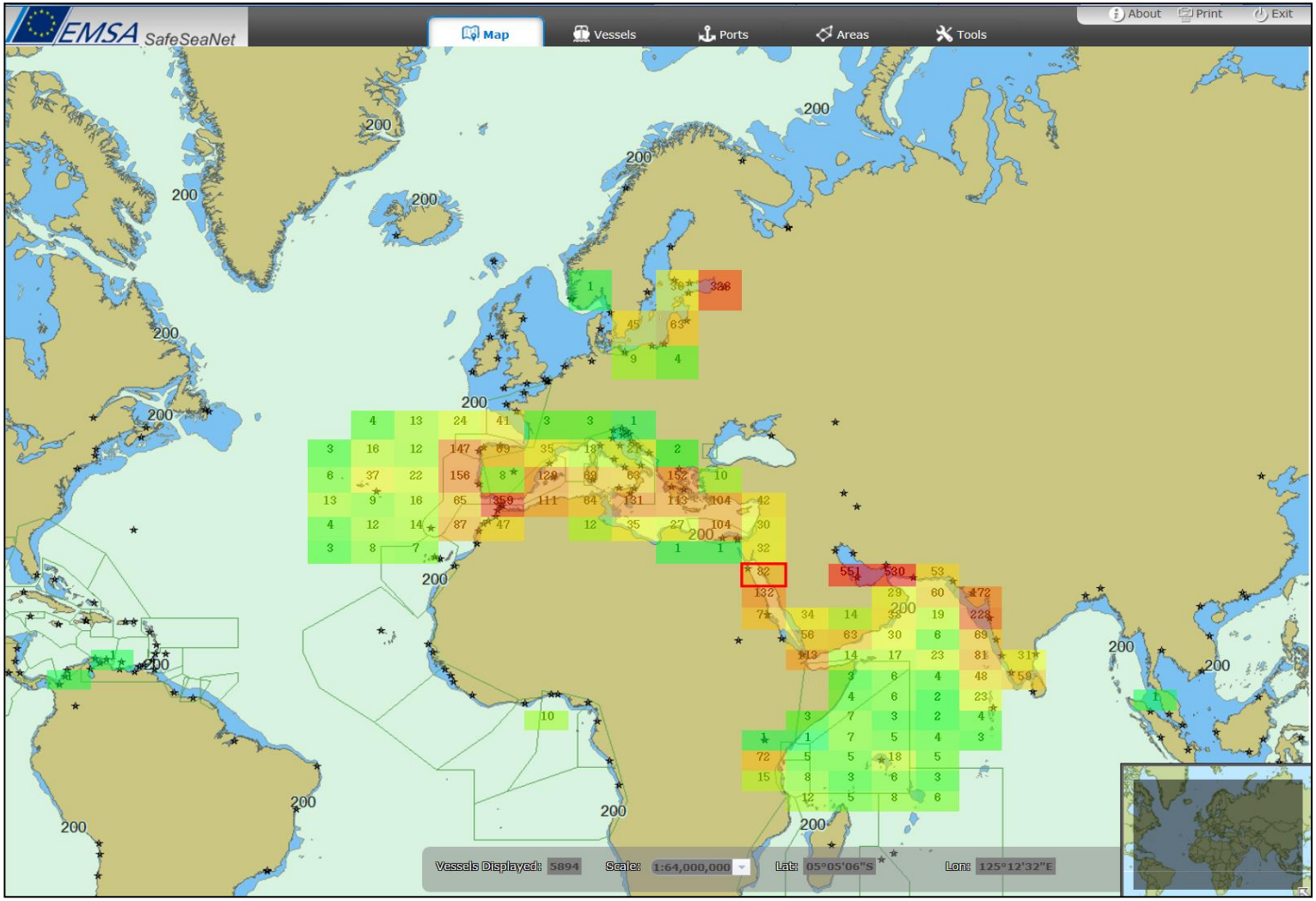
B. MRS

C. Waste & Security

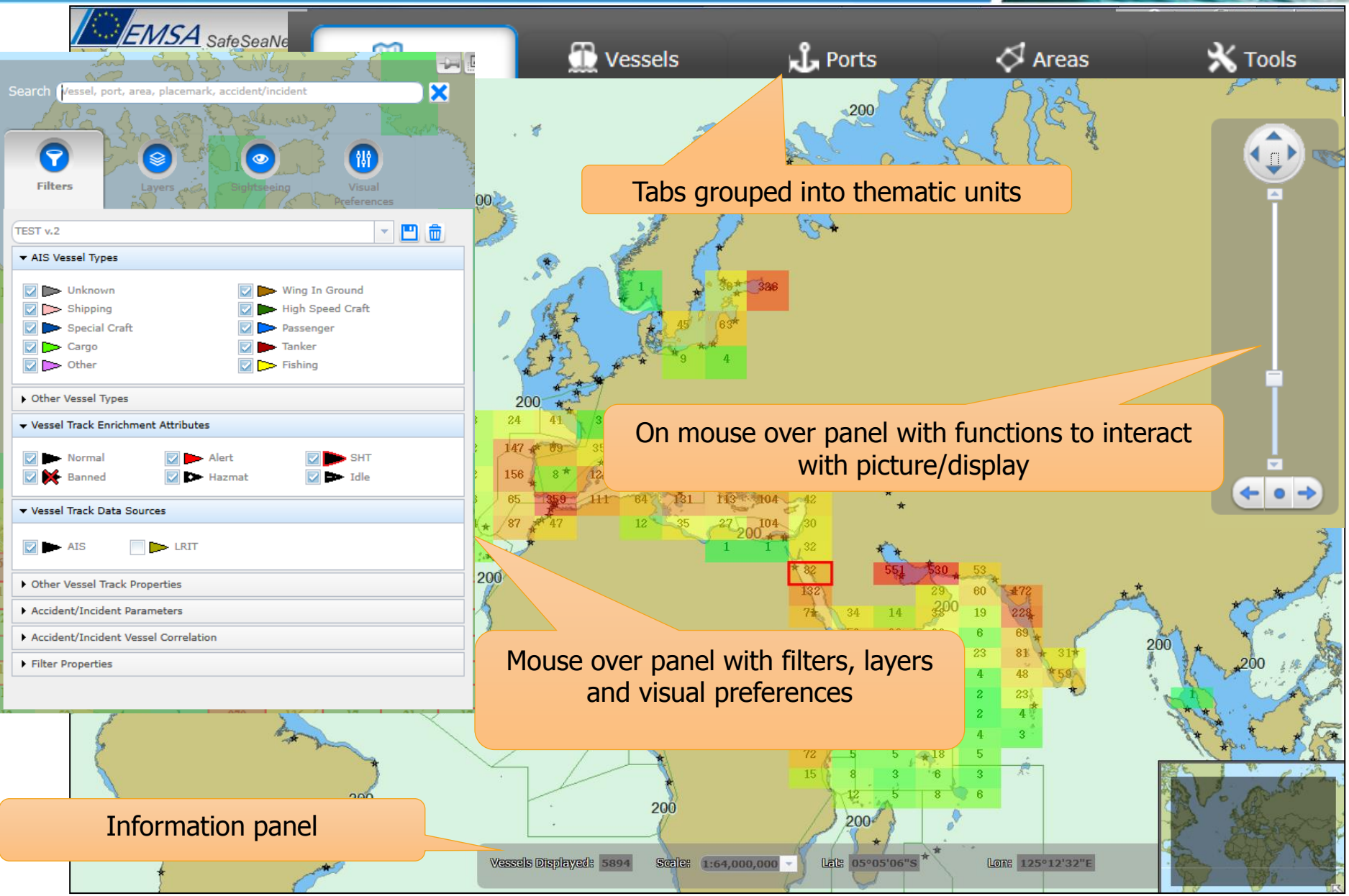
Central SSN Graphical Interface – Hands-on



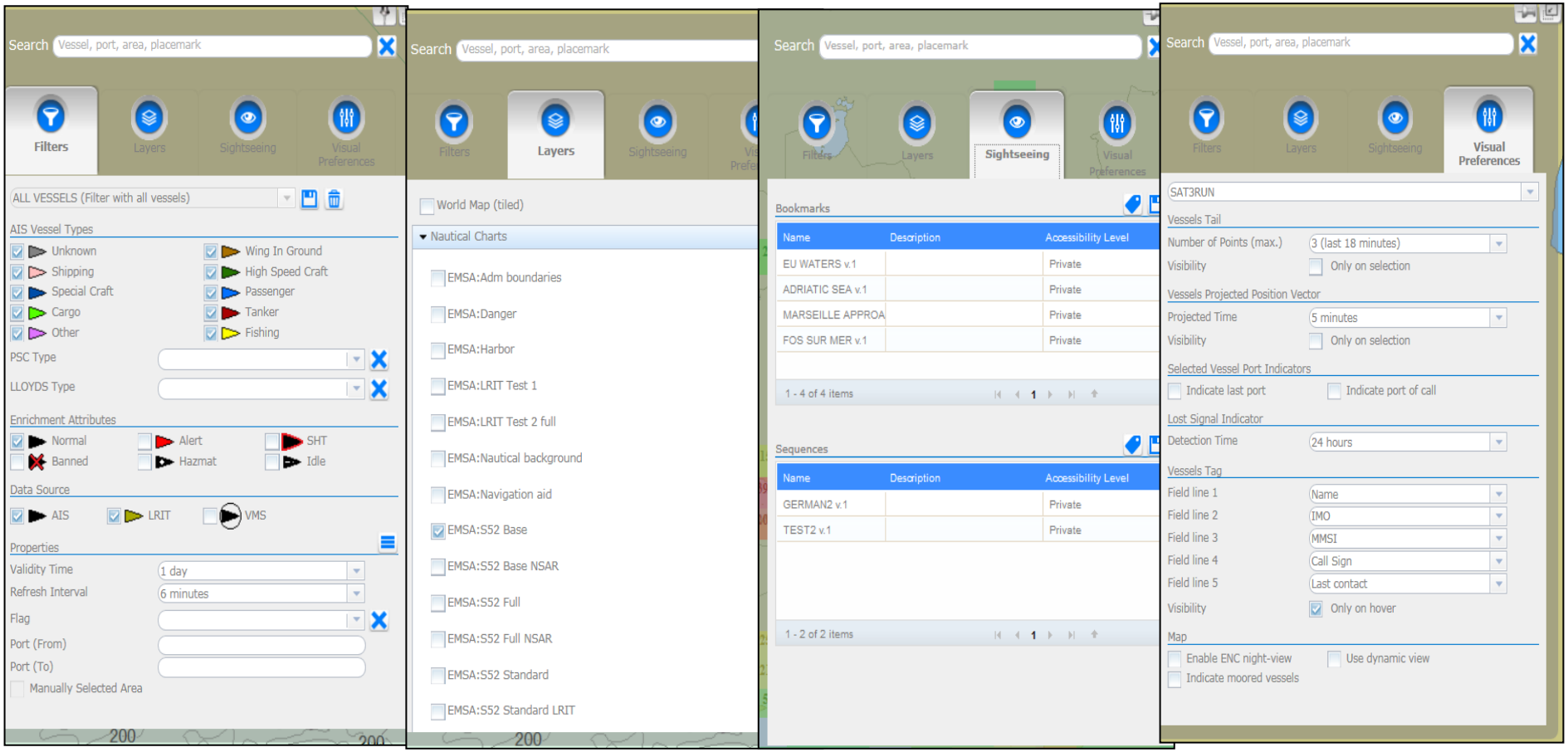
Central SSN Graphical Interface



Central SSN Graphical Interface



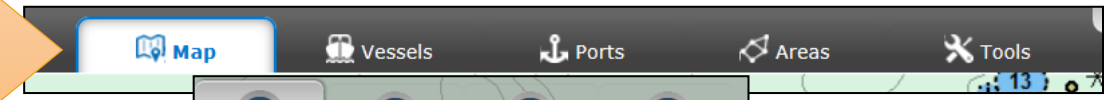
Main menu

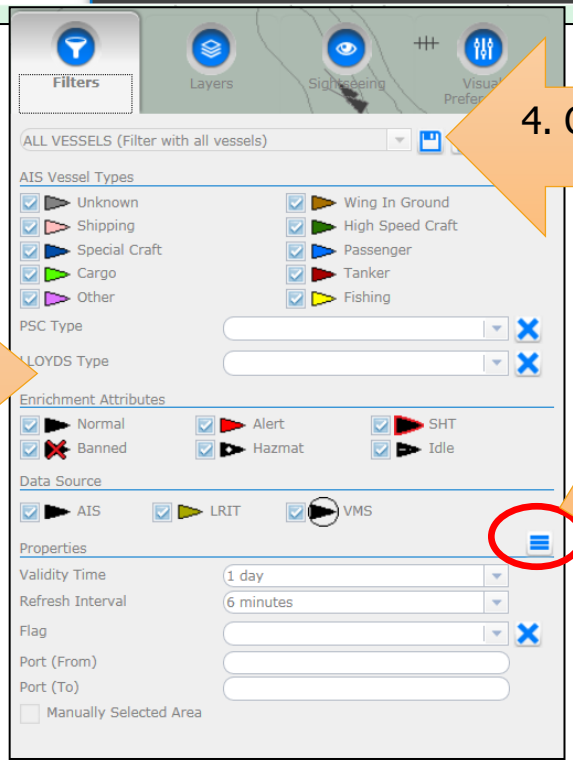


EMSA

How to set up filters

1. Go to "Map" Tab

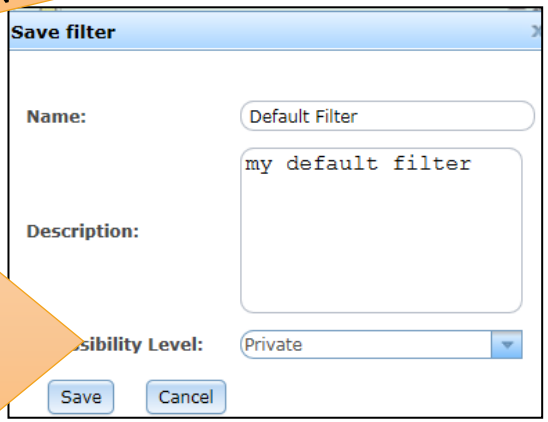




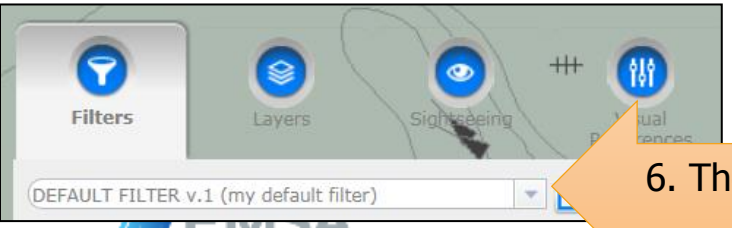
2. Set up your Filter (choose vessels of your interest)

4. Click on "Floppy disk" icon to Save

3. Click here for "advanced" filter



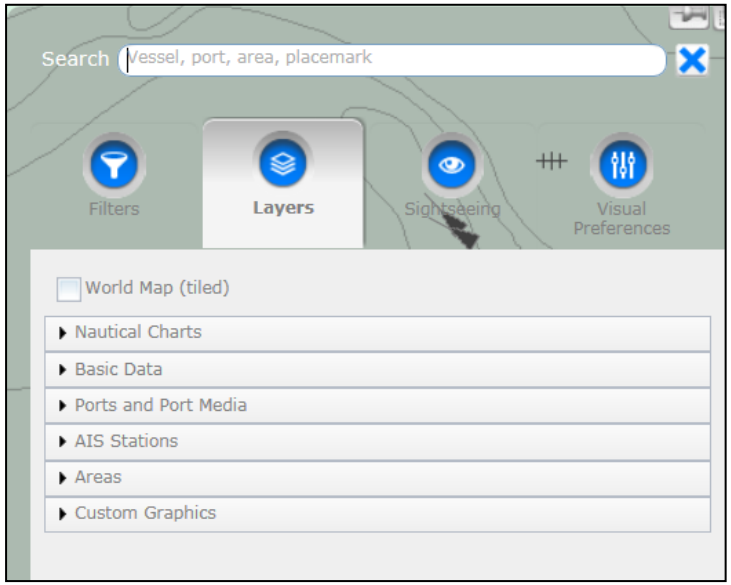
5. Fill in the fields and click on Save



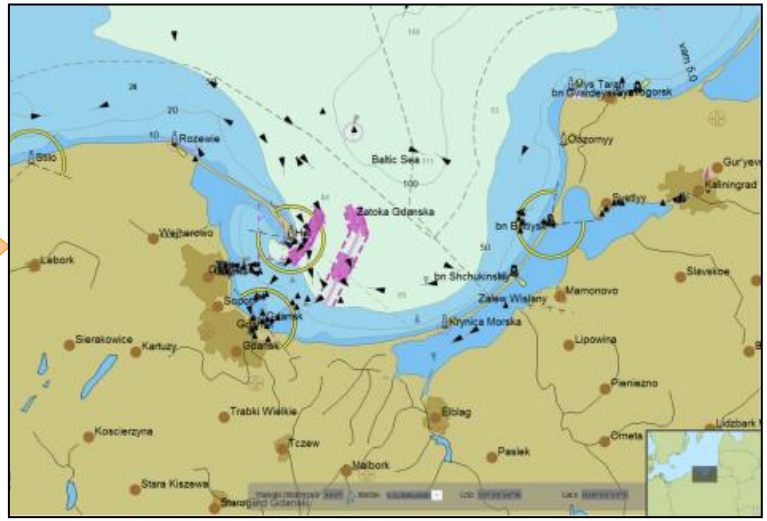
6. The filter has been saved

How to set up my default setting

1. Go to Layers and select your charts and background information (e.g. S-52 full)



2. Set up your default overview area

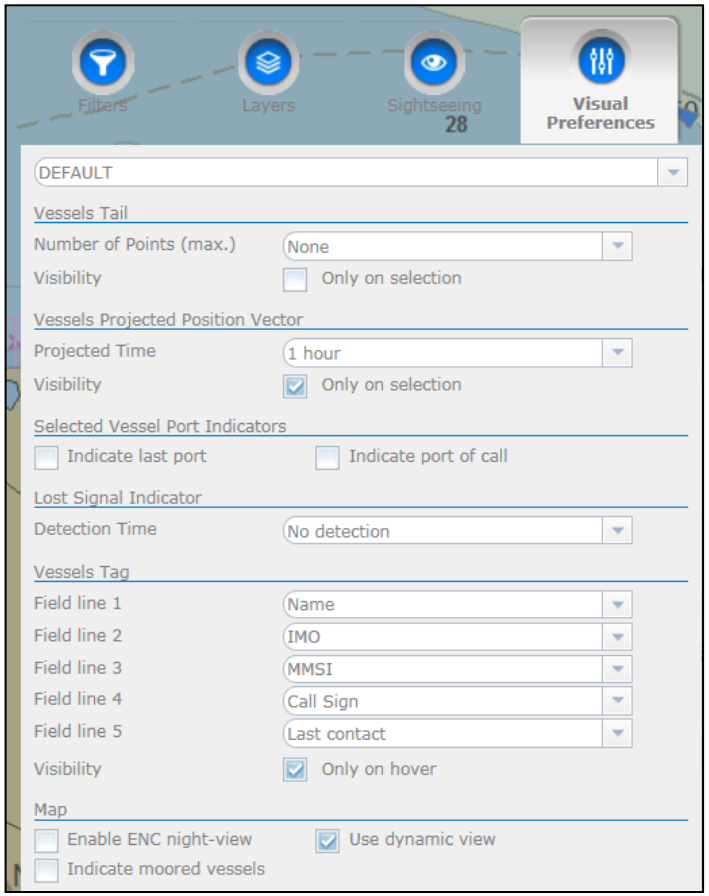


EMSA

How to set up my default setting

3. Go to Visual Preferences

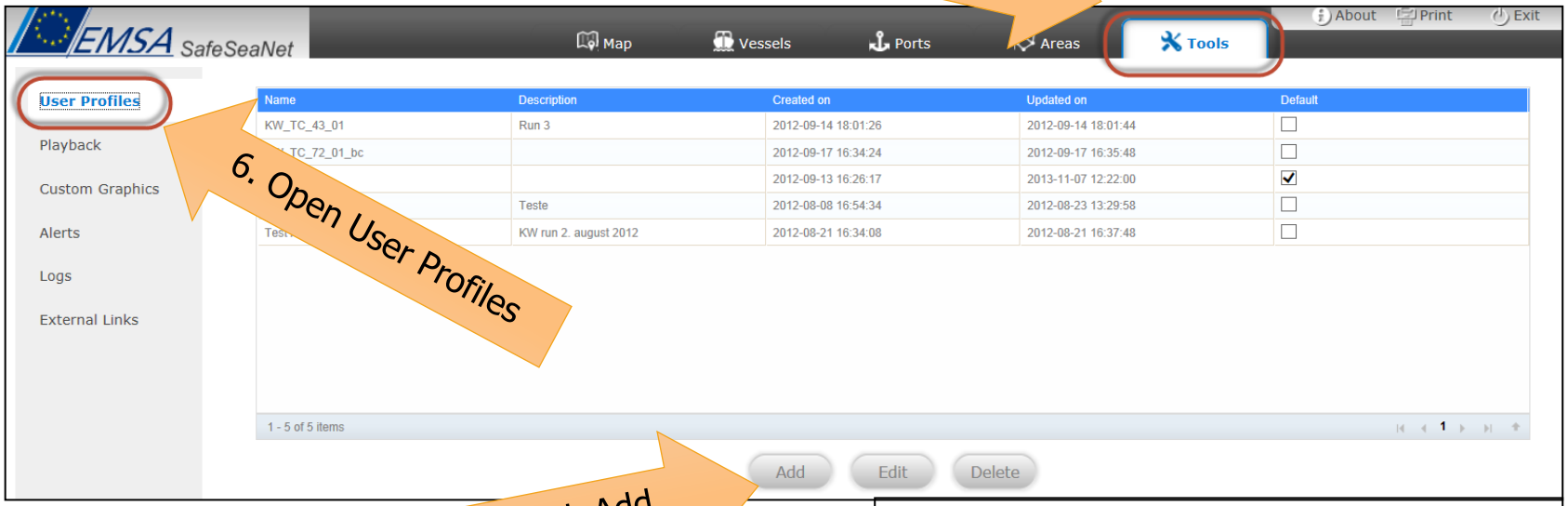
4. You may update your Visual Preferences



EMSA

How to set up my default setting

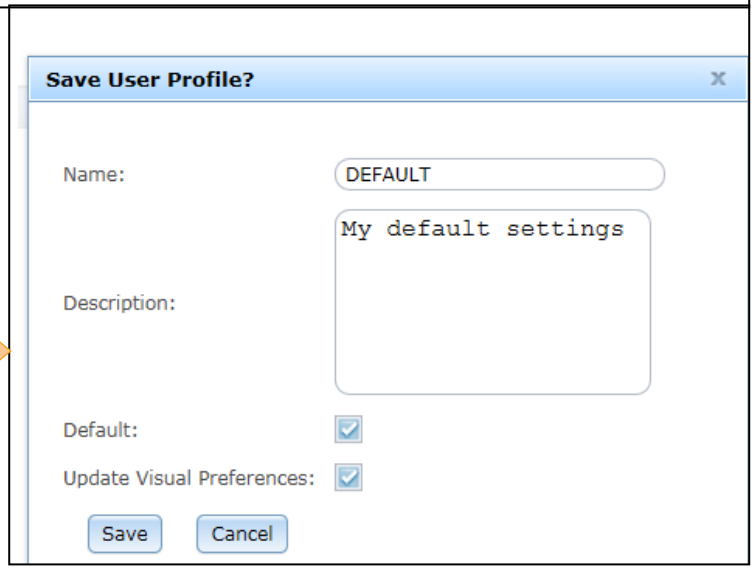
5. Go to Tools



6. Open User Profiles

7. Click Add

8. Fill in the fields and click on Save



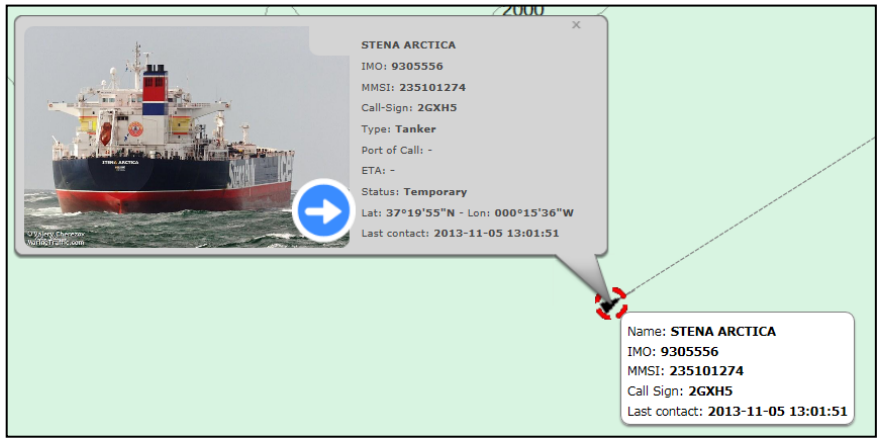
EMSA

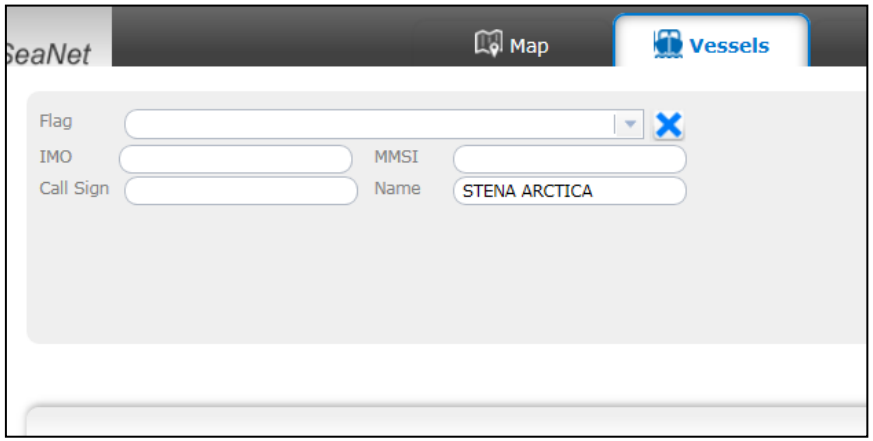
Exercise 7

Objective

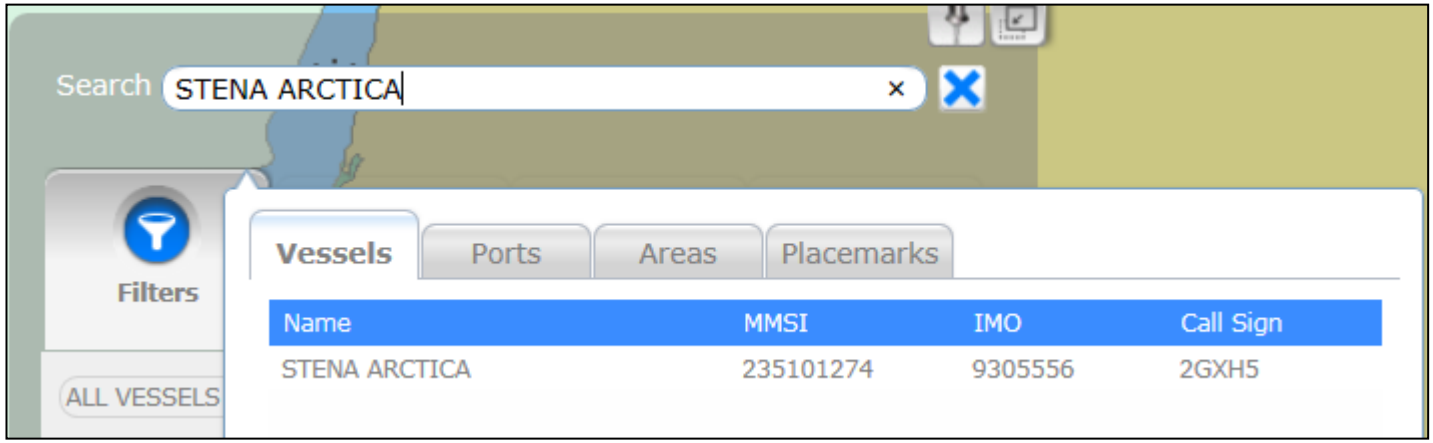
Setup a filter in SSN GI for vessels and areas given by the trainer.

Vessel data – How to search for a specific vessel





OR



Vessel data

EMSA SafeSeaNet

Map | Vessels | Ports | Areas | Accidents/Incidents | Tools | About | Print | Exit

List
Details
History

SSN Central Ship Database

Name:	DANUBEGAS	AIS Ship Type:	Undefined	Banned:	No
IMO:	9176125	PSC Ship Type:		SHT:	No
MMSI:	211280810	LLOYDS Ship Type:	Liquid Petroleum Gas Carrier		
Call Sign:	DBOM	Flag:	DEU		

SSN Enrichment

Last Port:		ETD from Last Port:		Hazmat Information:	Yes
Port of Call:	DESTA (Stade)	ETA to Port of Call:	2015-04-22 21:00:00	Waste Information:	
POB to Port of Call:		ATA to Port of Call:		Security Information:	
Position in Port of Call:		ETD from Port of Call:	2015-04-23 21:00:00	Incident Report:	Yes
Next Port:		ATD from Port of Call:		MRS Information:	
POB to Next Port:		ETA to Next Port:	2015-04-24 21:00:00	SSN Voyage Details:	Yes
				Voyage Inconsistencies:	Compare

Shipborne Equipment Data

Name:	DANUBEGAS	Latitude:	53°47'31"N	Destination:	STADE
IMO:	9176125	Longitude:	006°39'30"E	Cargo Type:	
MMSI:	211280810	Speed:	12.9 knots	ETA:	2015-04-22 23:30:00
Call Sign:	DBOM	Course:	76.2°	AIS Class:	Class B
Length:	99 m	True Heading:	75°	EPFD Status:	Differential Mode
Width:	15 m	Rate of Turn:	0°/s	EPFD Type:	Global Positioning System (GPS)
Draught:	5 m	Navigation Status:	Not Defined	Last contact:	2015-04-22 13:04:20

Columns
- ShipCallId
- Last Port
- Last Port ETD
- Port of Call
- Port of Call ETA
- Port of Call ATA
- Port of Call ATD
- Hazmat
- Type

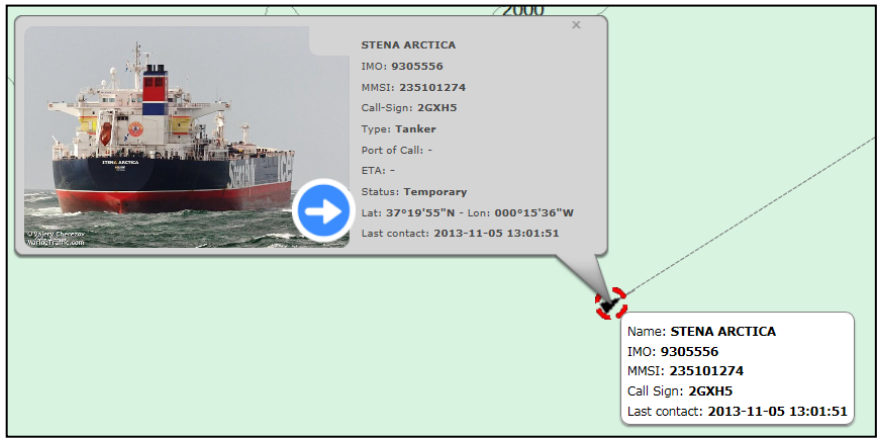
Current and Previous Voyages | Accidents/Incidents

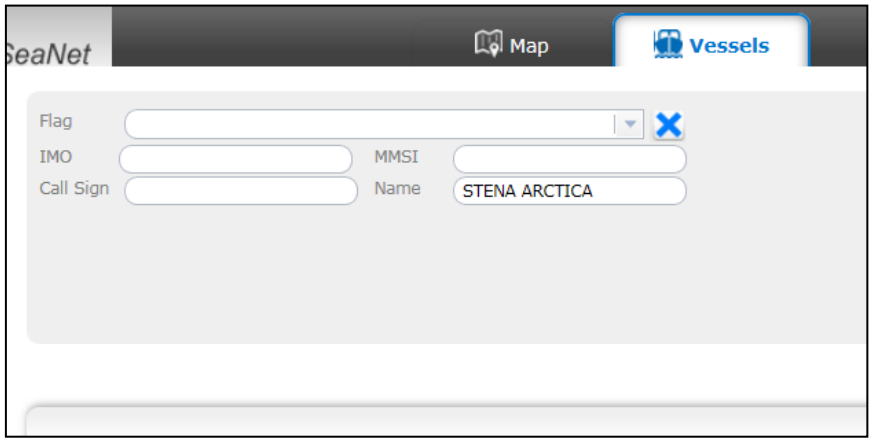
Select format CSV

ShipCallId	Last Port	Last Port ETD	Port of Call	Port of Call ETA	Port of Call ATA	Port of Call ATD	Hazmat	Type
PortPlus_1431658615_14296			**DESTA**	**2015-04-22 21:00:00**			**Yes**	**Reported**
	DESTA	2015-04-23 21:00:00	NLTNZ	2015-04-24 21:00:00			Yes	Reported
NLTNZ15004673	DESTA	2015-04-19 21:00:00	NLTNZ	2015-04-20 22:44:00	2015-04-20 22:44:00	2015-04-21 19:30:00	No	Reported
NLTNZ15004454	DESTA	2015-04-15 06:00:00	NLTNZ	2015-04-16 20:39:00	2015-04-16 20:39:00	2015-04-17 23:44:00	Yes	Reported
NLTNZ15004223	DESTA	2015-04-10 09:00:00	NLTNZ	2015-04-11 12:54:00	2015-04-11 13:14:00	2015-04-13 10:22:00	Yes	Reported
NLTNZ15004076	DESTA	2015-04-06 07:00:00	NLTNZ	2015-04-07 10:48:00	2015-04-07 10:58:00	2015-04-08 08:30:00	No	Reported
NLTNZ15003862	DESTA	2015-04-01 18:00:00	NLTNZ	2015-04-03 07:34:00	2015-04-03 07:34:00	2015-04-04 00:00:00	No	Reported
NLTNZ15003642	DESTA	2015-03-27 10:00:00	NLTNZ	2015-03-28 17:06:00	2015-03-28 17:06:00	2015-03-29 11:30:00	No	Reported
NLTNZ15003222	DESTA	2015-03-22 10:00:00	NLTNZ	2015-03-23 19:50:00	2015-03-23 19:50:00	2015-03-25 06:09:00	No	Reported
NLTNZ15003198	NLANK	2015-03-19 11:49:00	NLTNZ	2015-03-19 15:05:00	2015-03-19 15:05:00	2015-03-20 05:46:00	No	Reported

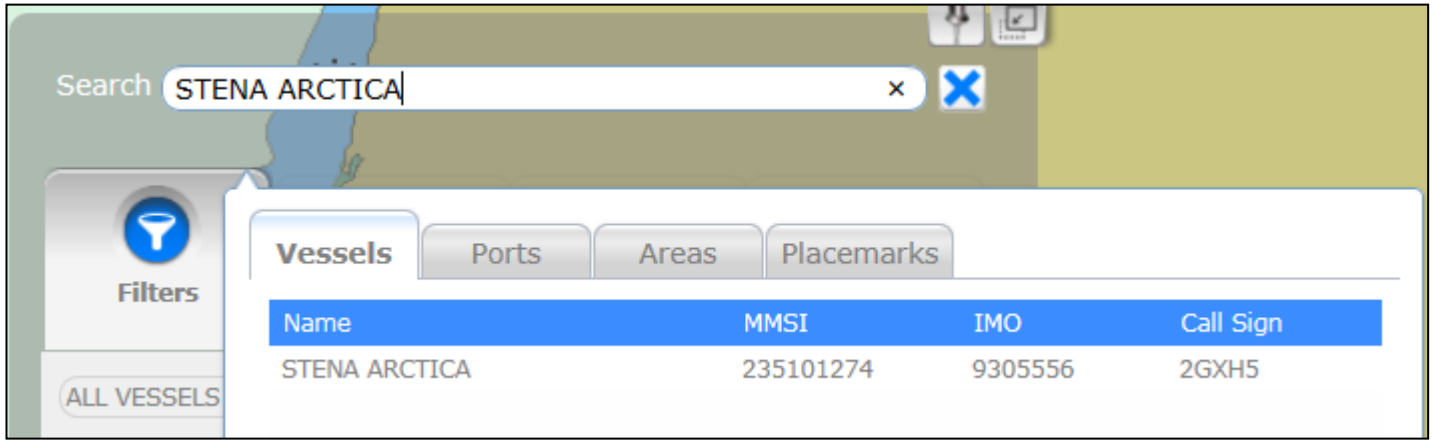
1 - 10 of 19 items 1 2

Vessel data – How to get historical data

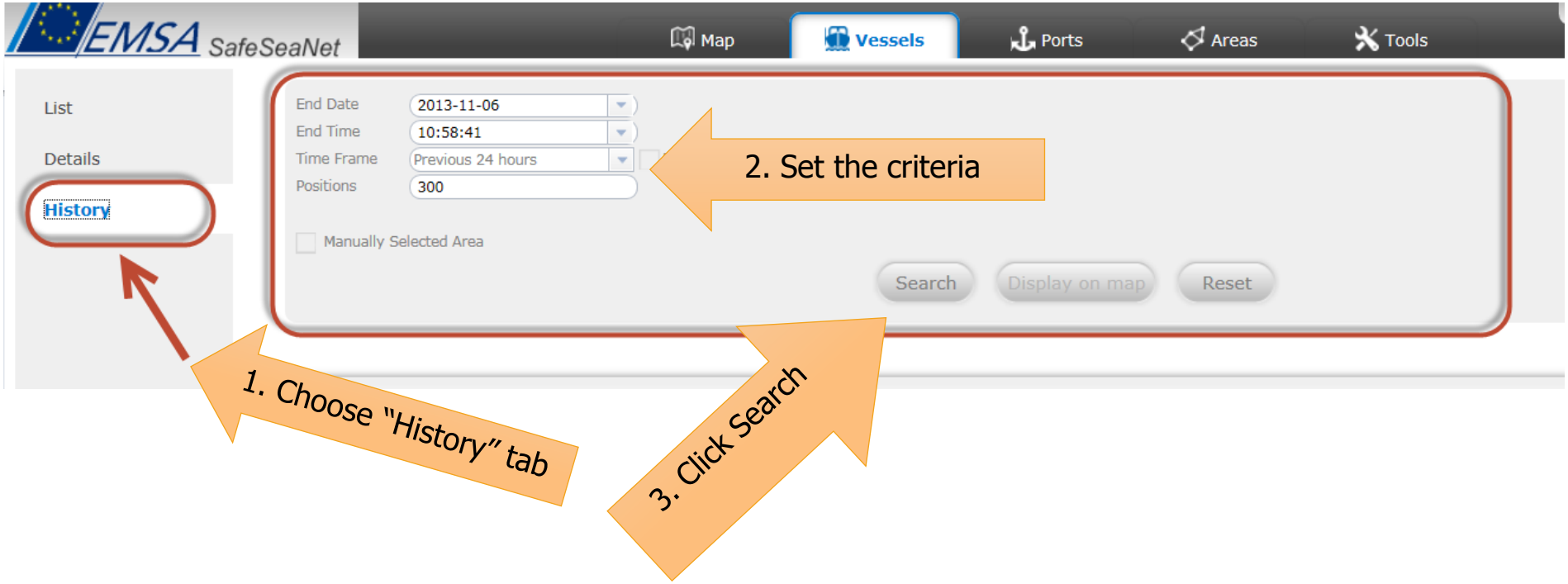




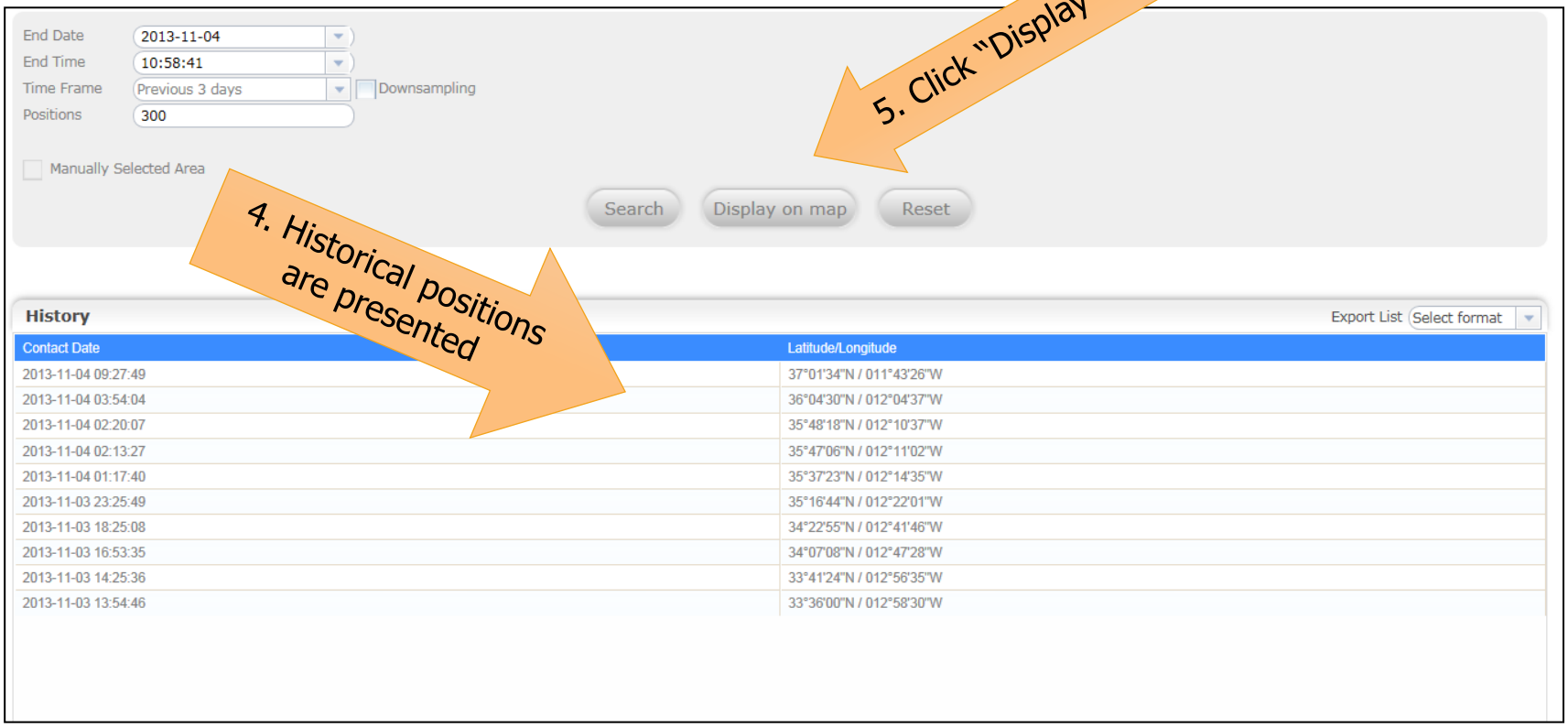
OR



Vessel data – How to get historical data

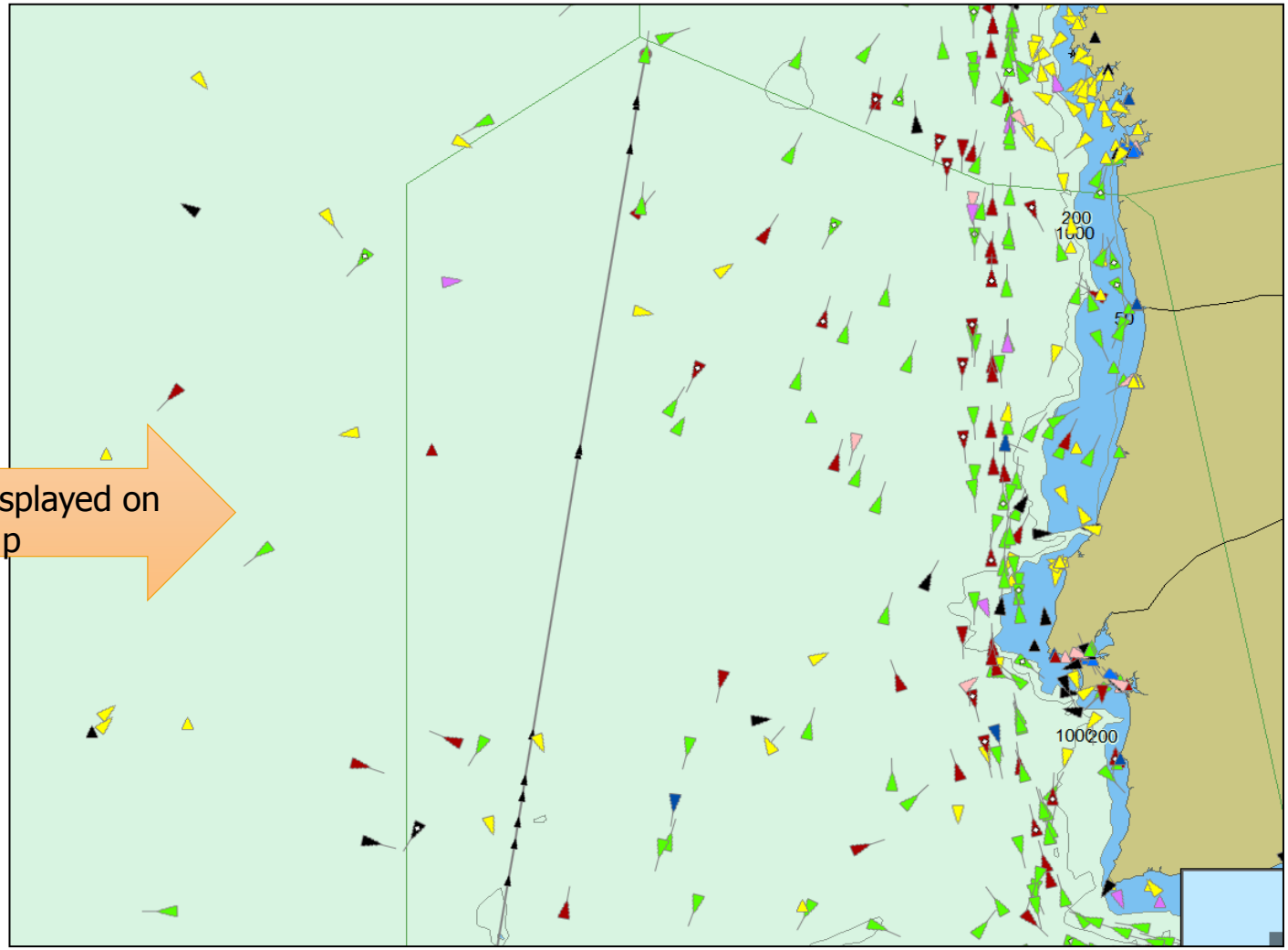


Vessel data – How to get historical data



Vessel data – How to get historical data

6. History displayed on map



Exercise 8

Objective

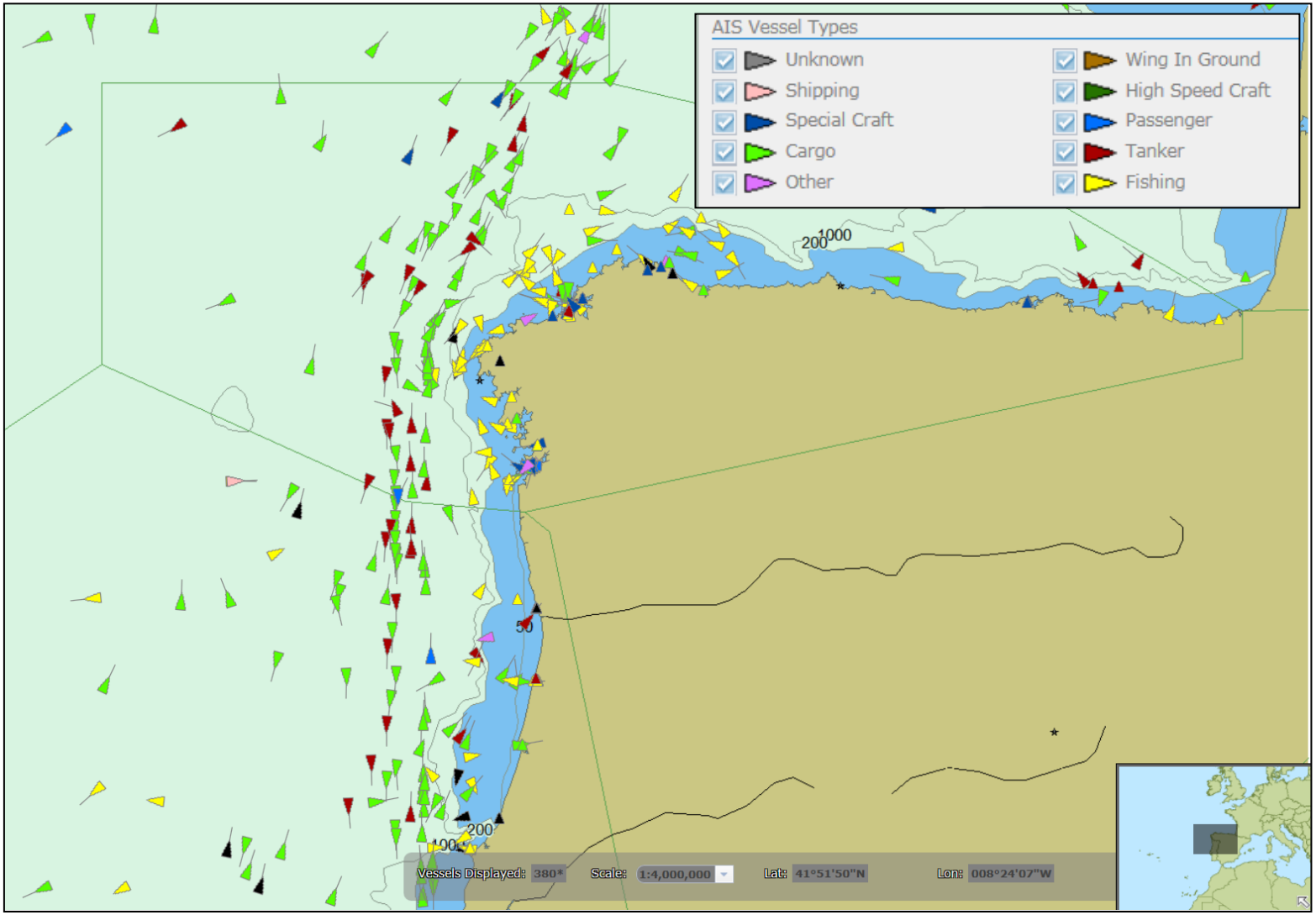
- Search for the details of a specific ship
- Load her history and show it on the map

Enrichment data

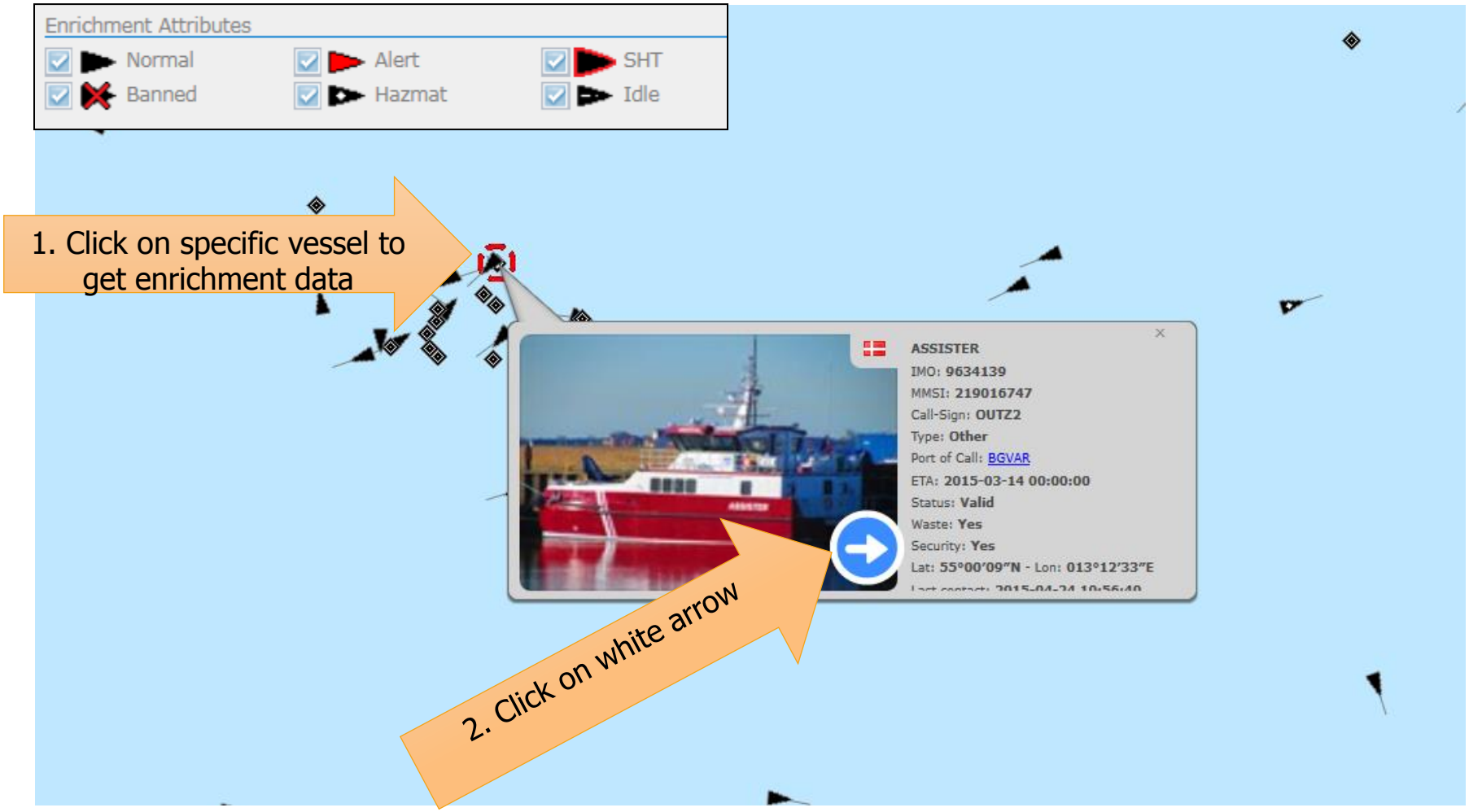
Ships have AIS data ‘enriched’ with SSN EIS additional information

How to get it? How to use it?

Enrichment data in SSN GI



Enrichment data in SSN GI



Enrichment data in SSN GI

SSN Central Ship Database

Name:	ASSISTER	AIS Ship Type:	Other	Banned:	No
IMO:	9634139	PSC Ship Type:		SHT:	No
MMSI:	219016747	LLOYDS Ship Type:			
Call Sign:	OUTZ2	Flag:	DNK		

3. Click on "Yes" for more details

SSN Enrichment

Last Port:	DEVAR (Varel)	ETD from Last Port:	2015-03-13 00:00:00	Hazmat Information:	Yes
Port of Call:	BGVAR (Varna)	ETA to Port of Call:	2015-03-14 00:00:00	Waste Information:	Yes
POB to Port of Call:	99999	ATA to Port of Call:	2015-03-14 08:00:00	Security Information:	Yes
Position in Port of Call:	TEST	ETD from Port of Call:	2015-03-17 00:00:00	Incident Report:	
Next Port:		ATD from Port of Call:		MRS Information:	
POB to Next Port:		ETA to Next Port:		SSN Voyage Details:	Yes
				Voyage Inconsistencies:	Compare

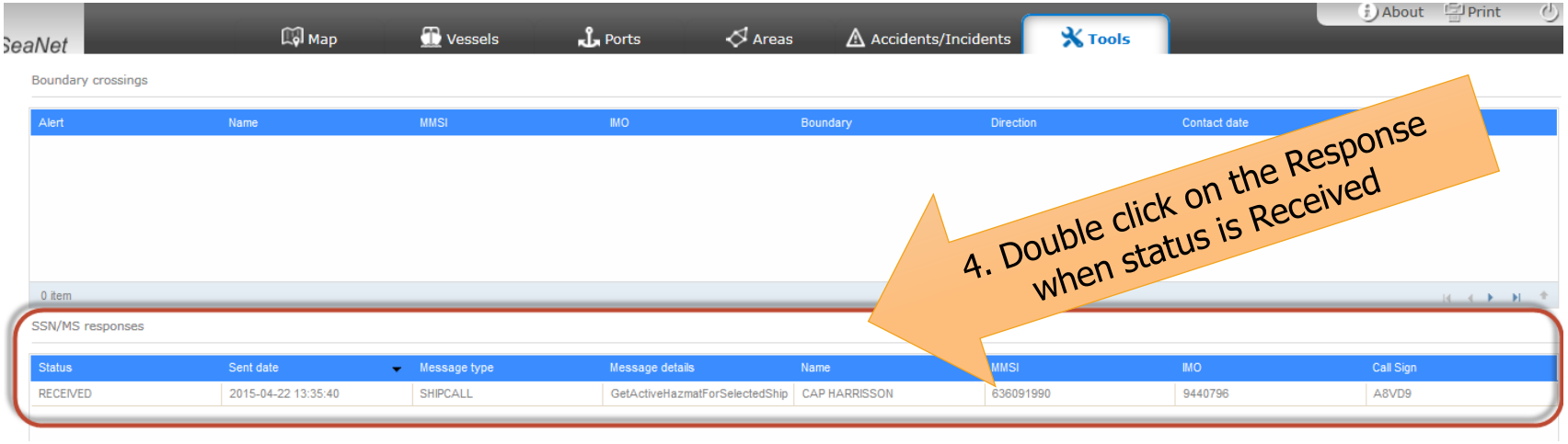
Shipborne Equipment Data

Name:	ASSISTER	Latitude:	54°59'19"N	Destination:	BALTIC 2 RODVIG
IMO:	9634139	Longitude:	013°10'58"E	Cargo Type:	
MMSI:	219016747	Speed:	3.4 knots	ETA:	2015-05-31 00:00:22
Call Sign:	OUTZ2	Course:	226.4°	AIS Class:	Class A
Length:	20 m	True Heading:	229°	EPFD Status:	Normal Mode
Width:	8 m	Rate of Turn:	0°/s	EPFD Type:	Global Positioning System

Current and Previous Voyages

ShipCallId	Last Port	Last Port ETD	Port of Call	Port of Call ETA	Port of C
BG1067	DEVAR	2015-03-13 00:00:00	BGVAR	2015-03-14 00:00:00	2015-03

Enrichment data in SSN GI



Enrichment data in SSN GI

EMSA SafeSeaNet

Map | Vessels | Ports | Areas | Tools

- User Profiles
- Playback
- Custom Graphics
- Alerts
- Logs
- External Links

Idle vessels

Name	MMSI	IMO	Call Sign	Contact date

0 item

Voyages Inconsistencies

Name	MMSI	IMO	Call Sign	Contact date	Last port	Po

0 item

Boundary crossings

Alert	Name	MMSI	IMO	Boundary	Direction

0 item

SSN/MS responses

Status	Sent date	Message type	M		Name	MMSI
RECEIVED	2015-04-24 12:39:45	SHIPCALL	Get	yForSelectedShip	ASSISTER	219016747
RECEIVED	2015-04-24 12:39:10	SHIPCALL	GetActiveWa	orSelectedShip	ASSISTER	219016747
RECEIVED	2015-04-24 12:37:42	SHIPCALL	GetActiveHazmatForSelectedShip		ASSISTER	219016747

5. Double click on the Response

Enrichment data in SSN GI

6. Details of HAZMAT on board

Response Message Viewer

header	version	3.0							
	sentAt	2015-04-22 13:35:55							
	from	SafeSeaNet							
	to	STIRES							
	statusCode	OK							
	msrefId	b53845ab-13d3-40ad-8e99-5c7f60f36d46							
	ssnrefId	b53845ab-13d3-40ad-8e99-5c7f60f36d46							
body	providedResponseCriteria	shipCallResp	getDetails	GET_ACTIVE_HAZMAT_FOR_SELECTED_SHIP					
			getHazmat	HAZMAT_DETAILS					
		searchCriteria	timePeriodCriteria	startDateTime	2015-04-22 13:35:40				
			shipIdentificationCriteria	imonumber	9440796				
				mmsinumber	636091990				
	queryResults	portPlusNotificationList	0	source	providerOfLastUpdate	ncadebon1			
					lastUpdateReceivedAt	2015-04-20 11:14:54			
				vesselIdentification	callSign	A8VD9			
					shipName	CAP HARRISSON			
					flag	LR			
					imonumber	9440796			
					mmsinumber	636091990			
				voyageInformation	purposeOfCall	- empty -			
					shipCallId	UNIDENTIFIED			
					lastPort	DEHAM			
					portOfCall	EGALY			
					etdfromLastPort	2015-04-22 05:00:00			
					etatoPortOfCall	2015-05-02 19:36:00			
				preArrival24HoursNotificationDetails	pobvoyageTowardsPortOfCall	99999			
				hazmatConfirmation	hazmatOnBoardYorN	Y			
		portPlusNotificationDetails	hazmatInformation	hazmatSummary	dg	0	dgclassification	IMDG	
				cargoManifest	contactDetails	loCode	DECUX		
						phone	+494721567392		
						fax	+494721554744		

Rules related to IR visualisation in SSN GI

IR type	Validity time in SSN GI
SITREP	5 DAYS
POLREP	30 DAYS
WASTE	15 DAYS
L/F Objects	3 DAYS
OTHERS	7 DAYS

Exercise 9

Objective

Obtain information on dangerous goods, Waste and Security for the vessels indicated by trainers

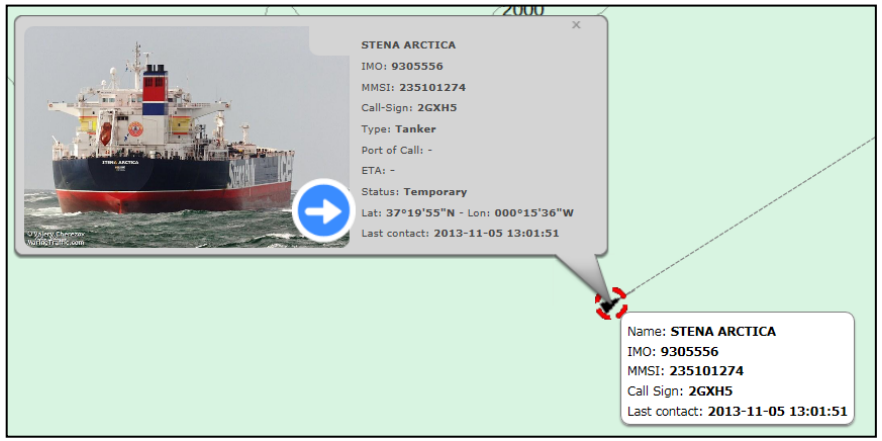
Current and previous voyages

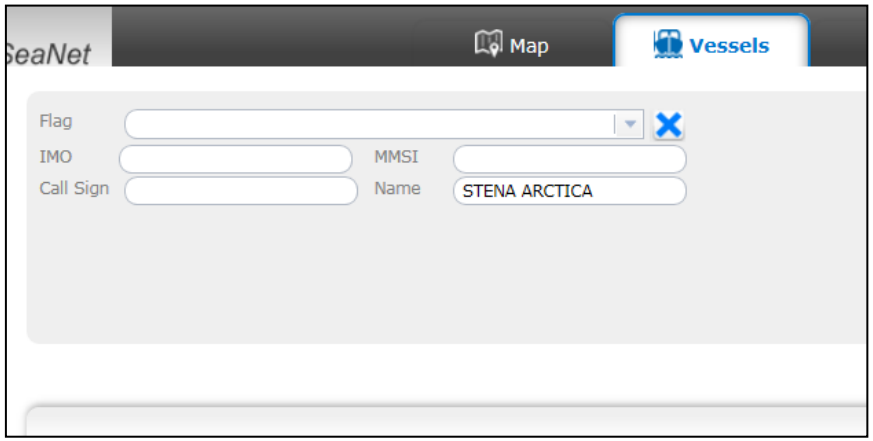
AIS-data ‘enriched’ with the list of current and previous voyages

- How to get it?

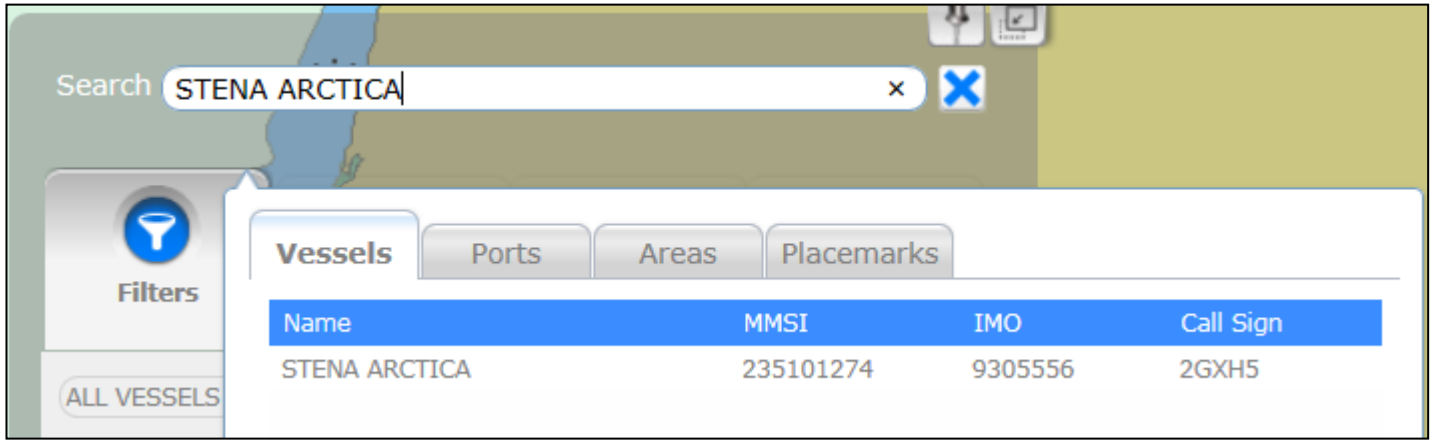
- How to use it?

How to get information about current and previous voyages?





OR



How to get information about current and previous voyages?

SafeSeaNet | Map | Vessels | Ports | Areas | Accidents/Incidents | Tools | About | Print | Exit

SSN Central Ship Database

Name:	DANUBEGAS	AIS Ship Type:	Undefined	Banned:	No
IMO:	9176125	PSC Ship Type:		SHT:	No
MMSI:	211280810	LLOYDS Ship Type:	Liquid Petroleum Gas Carrier		
Call Sign:	DBOM	Flag:	DEU		

SSN Enrichment

Last Port:		ETD from Last Port:		Hazmat Information:	Yes
Port of Call:	DESTA (Stade)	ETA to Port of Call:	2015-04-22 21:00:00	Waste Information:	
POB to Port of Call:		ATA to Port of Call:		Security Information:	
Position in Port of Call:		ETD from Port of Call:	2015-04-23 21:00:00	Incident Report:	Yes
Next Port:		ATD from Port of Call:		MRS Information:	
POB to Next Port:		ETA to Next Port:	2015-04-24 21:00:00	SSN Voyage Details:	Yes
				Voyage Inconsistencies:	Compare

Shipborne Equipment Data

Name:	DANUBEGAS	Latitude:	53°47'31"N	Destination:	STADE
IMO:	9176125	Longitude:	006°39'30"E	Cargo Type:	
MMSI:	211280810	Speed:	12.9 knots	ETA:	2015-04-22 23:30:00
Call Sign:	DBOM	Course:	76.2°	AIS Class:	Class B
Length:	99 m	True Heading:	75°	EPFD Status:	Differential Mode
Width:	15 m	Rate of Turn:	0°/s	EPFD Type:	Global Positioning System (GPS)
Draught:	5 m	Navigation Status:	Not Defined	Last contact:	2015-04-22 13:04:20

Current and Previous Voyages | Accidents/Incidents

Select format CSV

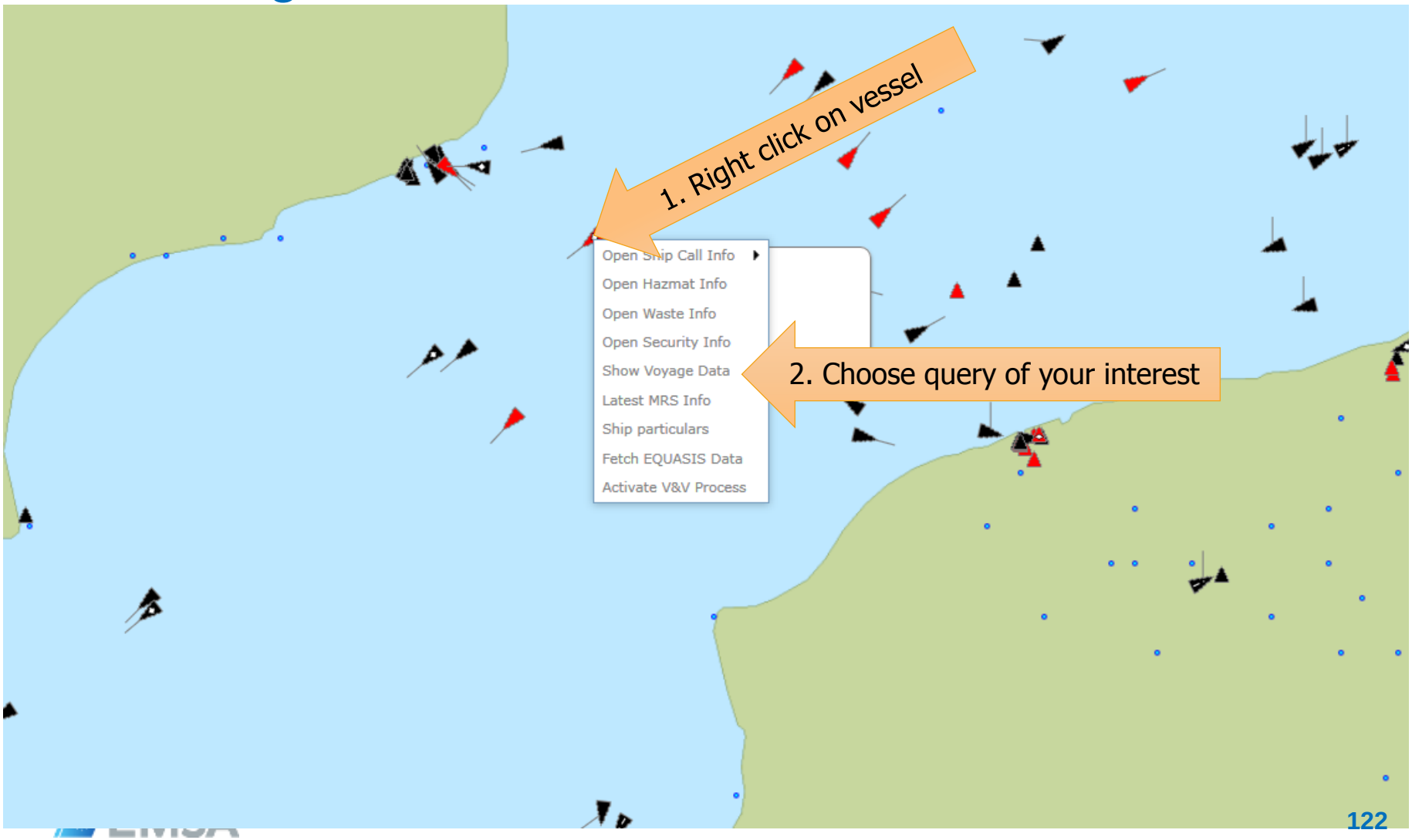
ShipCallId	Last Port	Last Port ETD	Port of Call	Port of Call ETA	Port of Call ATA	Port of Call ATD	Hazmat	Type
PortPlus_1431658615_14296			**DESTA**	**2015-04-22 21:00:00**			**Yes**	**Reported**
	DESTA	2015-04-23 21:00:00	NLTNZ	2015-04-24 21:00:00			Yes	Reported
NLTNZ15004673	DESTA	2015-04-19 21:00:00	NLTNZ	2015-04-20 22:44:00	2015-04-20 22:44:00	2015-04-21 19:30:00	No	Reported
NLTNZ15004454	DESTA	2015-04-15 06:00:00	NLTNZ	2015-04-16 20:39:00	2015-04-16 20:39:00	2015-04-17 23:44:00	Yes	Reported
NLTNZ15004223	DESTA	2015-04-10 09:00:00	NLTNZ	2015-04-11 12:54:00	2015-04-11 13:14:00	2015-04-13 10:22:00	Yes	Reported
NLTNZ15004076	DESTA	2015-04-06 07:00:00	NLTNZ	2015-04-07 10:48:00	2015-04-07 10:58:00	2015-04-08 08:30:00	No	Reported
NLTNZ15003862	DESTA	2015-04-01 18:00:00	NLTNZ	2015-04-03 07:34:00	2015-04-03 07:34:00	2015-04-04 00:00:00	No	Reported
NLTNZ15003642	DESTA	2015-03-27 10:00:00	NLTNZ	2015-03-28 17:06:00	2015-03-28 17:06:00	2015-03-29 11:30:00	No	Reported
NLTNZ15003222	DESTA	2015-03-22 10:00:00	NLTNZ	2015-03-23 19:50:00	2015-03-23 19:50:00	2015-03-25 06:09:00	No	Reported
NLTNZ15003198	NLANK	2015-03-19 11:49:00	NLTNZ	2015-03-19 15:05:00	2015-03-19 15:05:00	2015-03-20 05:46:00	No	Reported

1 - 10 of 19 items 1 2

EMSA

Access to other queries via the SSN GI

- **How to get it? How to use it?**



Access to other queries via the SSN GI

> Find Information > Voyage/Ship Information > Current Ship information > **Relevant voyages**

Vessel Identification

IMO Number	MMSI Number	Call Sign	Ship Name	Flag	Country
9283978	236222000	ZDGA3	STENBERG		Gibraltar

Back

Banned/Single Hull Tanker

Banned	SHT
N	N

Relevant Notifications

Date/Time of Request: 2015-04-22 14:13:45

Relevant Ship Calls

« « 1 2 » »»

Sender	Sent At	Ship Call Id	Last Port	Last Call ETD	Port of Call	Current Call ETA	Current Call ATA	Current Call ETD	Current Call ATD	Next Port	Next Call ETA	View More Details	Get Hazmat Details	Get Waste Details	Get Security Details
frlehpor	2015-04-22 13:21:49	FRLEH246323	ZZUKN		FRLEH	2015-04-23 03:00:00		2015-04-25 04:00:00							
NCAGBSOU1	2015-04-21 01:13:25	773b39f7-b70d-4f3f-8a0d-f858d19222ff	PLGDN		GBGRG	2015-04-16 12:00:00	2015-04-19 03:25:00	2015-04-17 00:00:00	2015-04-21 02:10:00	FRLEH	2015-04-22 14:10:00				
ncaplgdy1	2015-04-15 07:31:53	phics2010_351657	BEANR		PLGDN	2015-04-13 20:00:00	2015-04-13 21:30:00	2015-04-15 08:00:00	2015-04-15 06:10:00	GBGRG	2015-04-18 15:00:00				
beanr01	2015-04-10 22:05:43	V142838-150057598	RUBLT	2015-03-18 07:00:00	BEANR	2015-04-09 18:53:52	2015-04-09 19:55:00	2015-04-10 17:00:00	2015-04-10 22:05:00	SEBRO	2015-04-12 01:00:00				
NCANLRTM1	2015-03-14 01:25:00	NLAMS15001358	DKFRC	2015-02-09 05:01:00	NLAMS	2015-03-10 20:00:00	2015-03-10 22:00:00	2015-03-13 18:16:00	2015-03-14 01:20:00	XZZNO	2015-03-14 01:21:00				
NCADKAAR1	2015-03-12 11:00:46	44a871a9-b6d1-44e6-ae94-89ffbd5827d8	LVVNT		DKFRC	2015-03-07 10:22:00	2015-03-07 11:30:00	2015-03-08 12:22:00	2015-03-08 18:25:00						
NCALVRIX1	2015-03-05 05:03:51	riga2010_1425365880_d2b5c8fd08ccf12	SEGOT	2015-03-02 12:00:00	LVVNT	2015-03-03 20:00:00	2015-03-04 03:42:00	2015-03-04 02:00:00	2015-03-05 00:37:00	DKFRC	2015-03-08 03:00:00				
NCASESMA1	2015-02-28 07:45:38	E492CE4	SE888	2015-02-24 18:00:00	SEGOT	2015-02-26 02:00:00	2015-02-26 03:00:00	2015-02-28 10:00:00	2015-02-28 07:38:00	LVVNT	2015-03-01 12:00:00				
beanr01	2015-02-24 07:51:41	V141594-150033188	LVRIX	2015-02-14 13:00:00	BEANR	2015-02-22 07:04:13	2015-02-22 05:47:00	2015-02-24 08:00:00	2015-02-24 07:50:00	LVRIX	2015-02-25 13:00:00				
ncadebon1	2015-02-10 11:29:50	PortPlus_1361235399_1423125613923			DERSK	2015-02-08 10:00:00	2015-02-09 13:30:00	2015-02-09 04:00:00	2015-02-10 11:06:00						

Relevant Incident Notification

Incident Type	From	Authority	Sent At	Details
SITREP	24/7 Germany	PERSON	2014-01-16 15:03:47	

3. Results displayed in the SSN textual interface

Exercise 10

Objective

Obtain information about relevant voyages of the vessel indicated by trainers

Practical scenarios

Users benefits – Use of data

- Vessel posing a risk (e.g. SHT, Banned)
- Exchange of relevant Incident Report
- Incident history
- Number of persons on board (PoB)
- Current ship positions and historical tracks
- Ships currently in an area (based on AIS, LRIT etc…)
- Hazmat information

The general benefit of the SSN Graphical interface is the enrichment. It is the only tool displaying AIS tracks with relevant SSN notification referred to these tracks

Users benefits – Use of data

Risk assessment

- Incident history
- Vessels posing a risk (e.g. incident, SHT…)

Support the port & emergency management

- Last position
- Pre-arrival information
- Hazmat information
- Nearby vessels
- PoB

Post incident

- Evaluation
- Investigation (backtrack)

EMSA support

- Developing the **central node of SSN**
- **Coordination** of system developments with MSs and COM (SSN and LRIT groups)
- **Operate** central SSN and maintaining technical/operational documentation
- **Test** of national applications
- IT and operational **helpdesk**
- **Reporting** on quality of systems and information
- **Training** for users

EMSA Maritime Support Services

- IT & operational Helpdesk for EU maritime applications
- Application monitoring & incident management
- Data quality checks
- SPOC for requesting EMSA pollution response services
- 24/7 services

Contact Details:

Tel: +351 211 209 415

Fax: +351 211 209 480

Email: MaritimeSupportServices@emsa.europa.eu

emsa.europa.eu

twitter.com/emsa_lisbon

facebook.com/emsa.lisbon

EMSA

European Maritime Safety Agency

Summary of queries – Vessel related (Current Ship Information)

What do you know?	What you can get?	Within what time?	Which query?
IMO/ MMSI	What is the current situation of a ship?	In the future	Relevant voyages
IMO/ MMSI	Is there any Hazmat currently on board of the vessel?	In the future	Active Hazmat

Summary of queries – Vessel related (ship information for selected periods)

What do you know?	What you can get?	Within what time?	Which query?
IMO/ MMSI	Where is it going to arrive (PORT)? When (ETA)? Is HAZMAT on board?	In the future	Next port of call, including hazmat (based on ETA)
IMO/ MMSI	Where is it going to arrive (PORTs)? When (ETAs)?	In the future	List of next calls (based on ETA)
IMO/MMSI	From where the ship has departed (PORT)? At what time (ATD)? Is HAZMAT on board?	In the past	Last port of call, including hazmat (based on ATD)
IMO/MMSI	Where the ship has arrived (PORT)? At what time (ATA)? Is HAZMAT on board?	In the past	Current port of call, including Hazmat (based on ATA)
IMO/MMSI	Where the ship was (PORTs)? At what time departed? (ATDs, ATA)	In the past and currently	List of the ongoing and previous calls (based on ATAs, ATDs)

Summary of queries – Port information

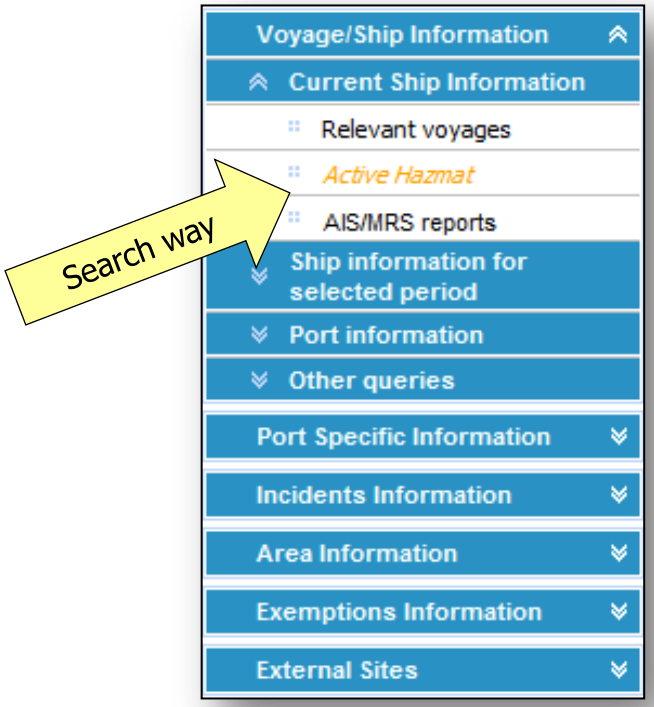
What do you know?	What you can get?	Within what time?	Which query?
Port	Vessels and ETAs of all expected ships in a Port	In the future	List of ships expected at a port
Port	Vessels and ATAs of ships in Port	Within last 24 hours	List of ships in port
Port	Vessels and ATAs, ATDs and Next Ports of vessels which left port	In the past	List of ships departed from a port

Summary of queries – Other queries

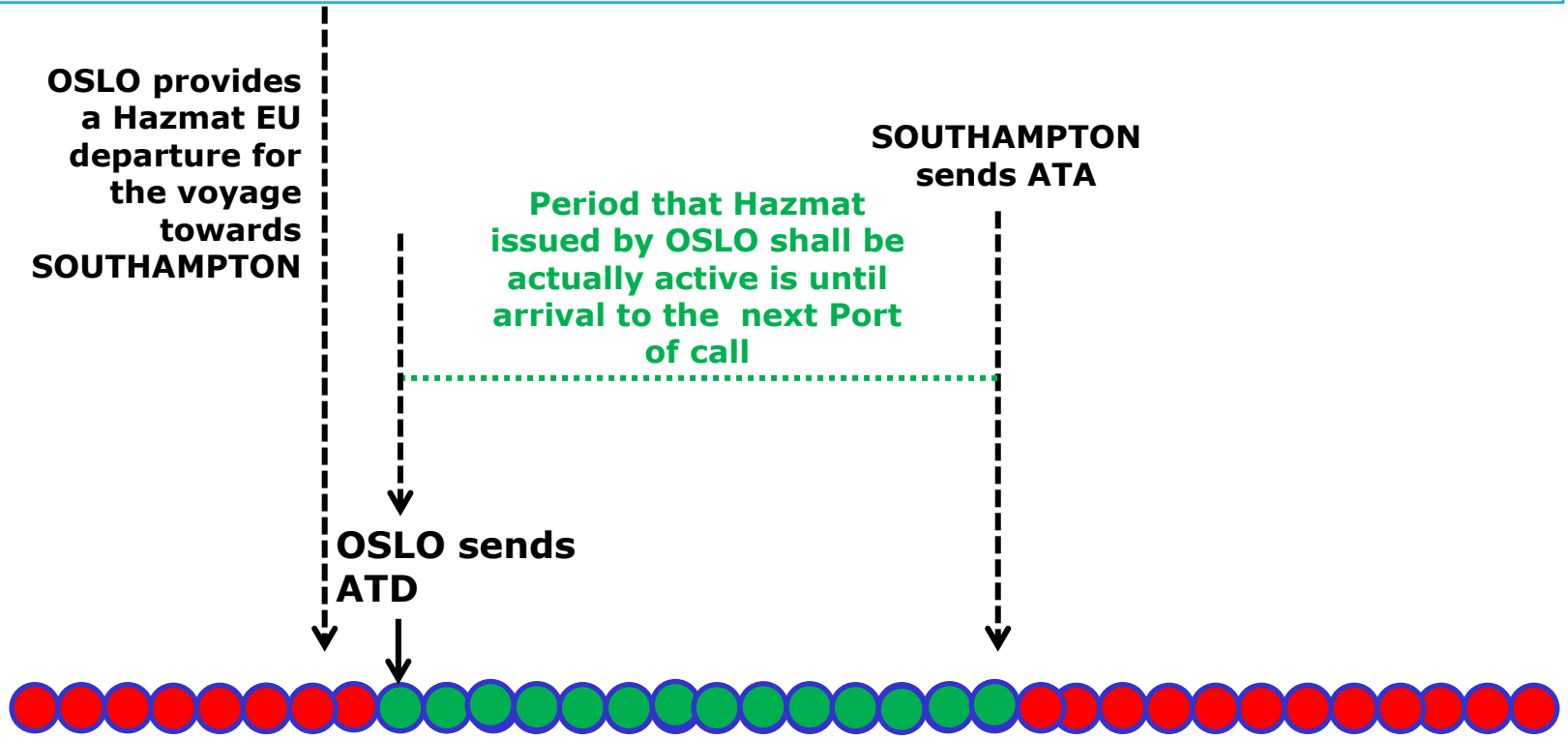
What do you know?	What you can get?	Within what time?	Which query?
ShipCallId	Consolidated voyage and related notifications	In the future	Based on ShipCallId
IMO or MMSI	Most recent update related to the ship calls, including HAZMAT information	In the past	Latest Registered ship Call data of Selected Ship
Port of Call	Ship calls registered within the previous calendar day	In the past	Ship Calls registered by SSN on previous calendar day
n.a.	All updates of Port + within selected period of time	Last 24 hours	Latest Call Updates
Port of Call	All updates of Port + for the selected port	Last 24 hours	Latest Call Info at Specific Port

Active Hazmat

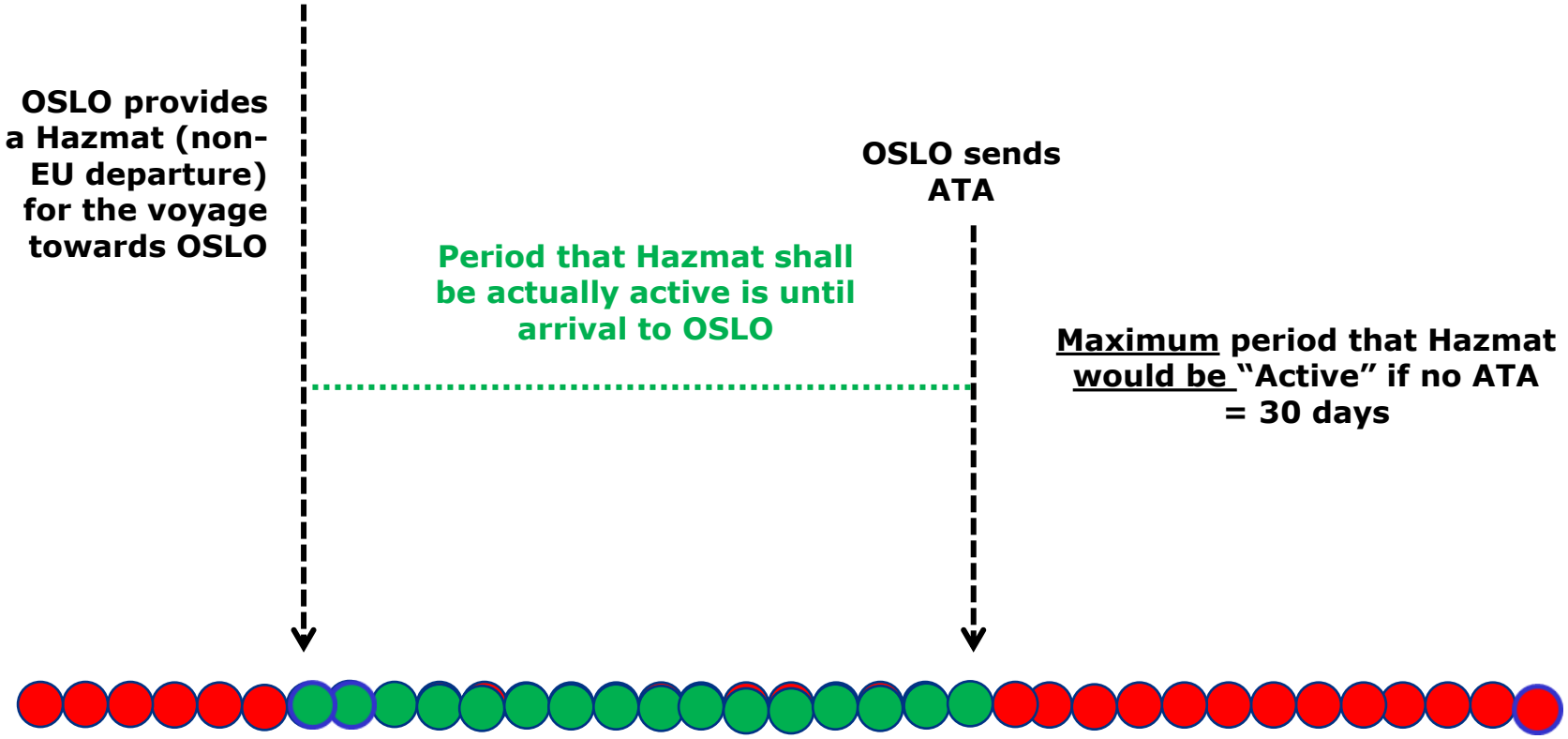
"Is the ship currently carrying any hazmat on board?"



Understanding "Active Hazmat" (EU Departure)



Understanding "Active Hazmat" (Non-EU Departure)

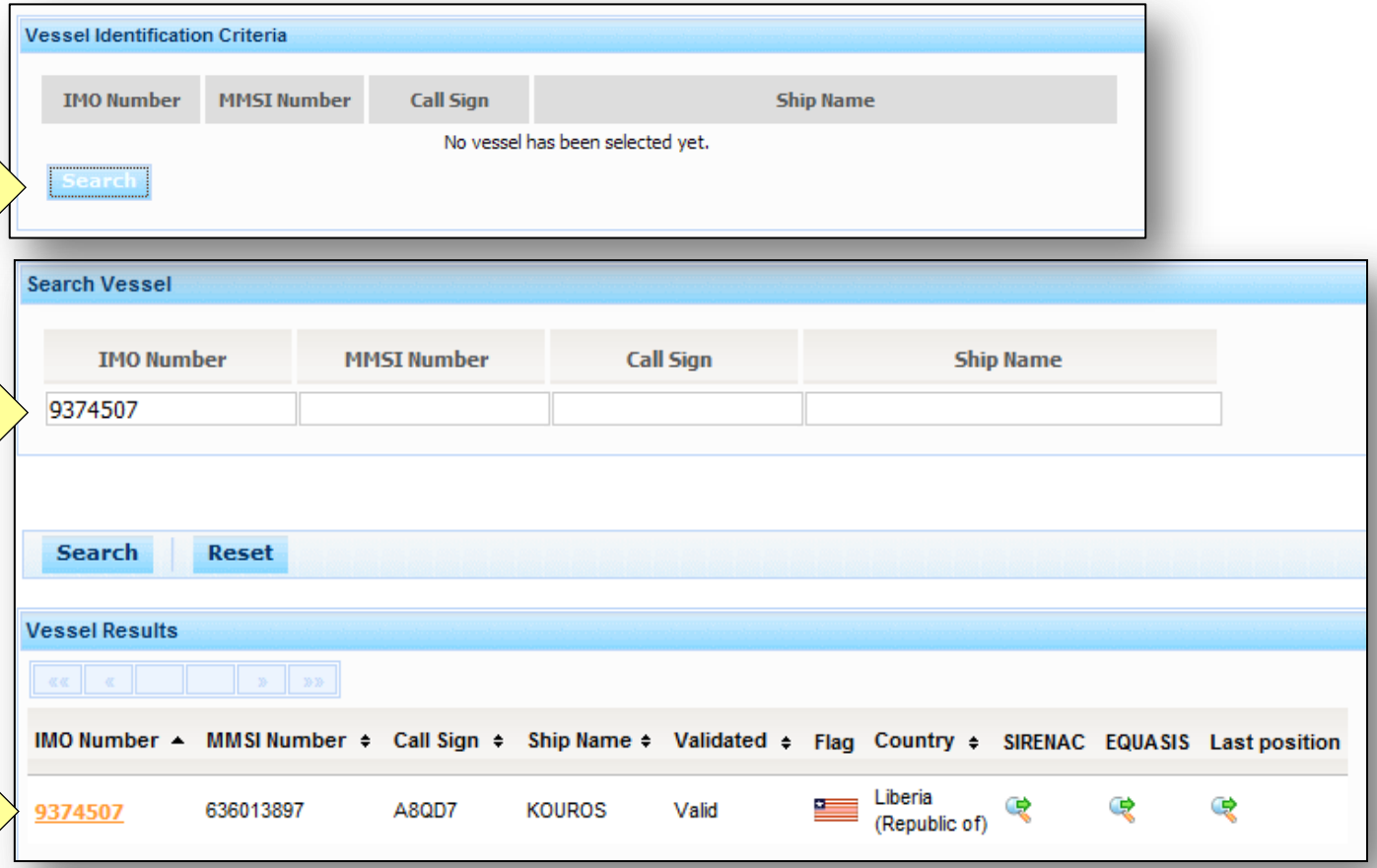


Active Hazmat
Hands-on (1)

1. Click on Search

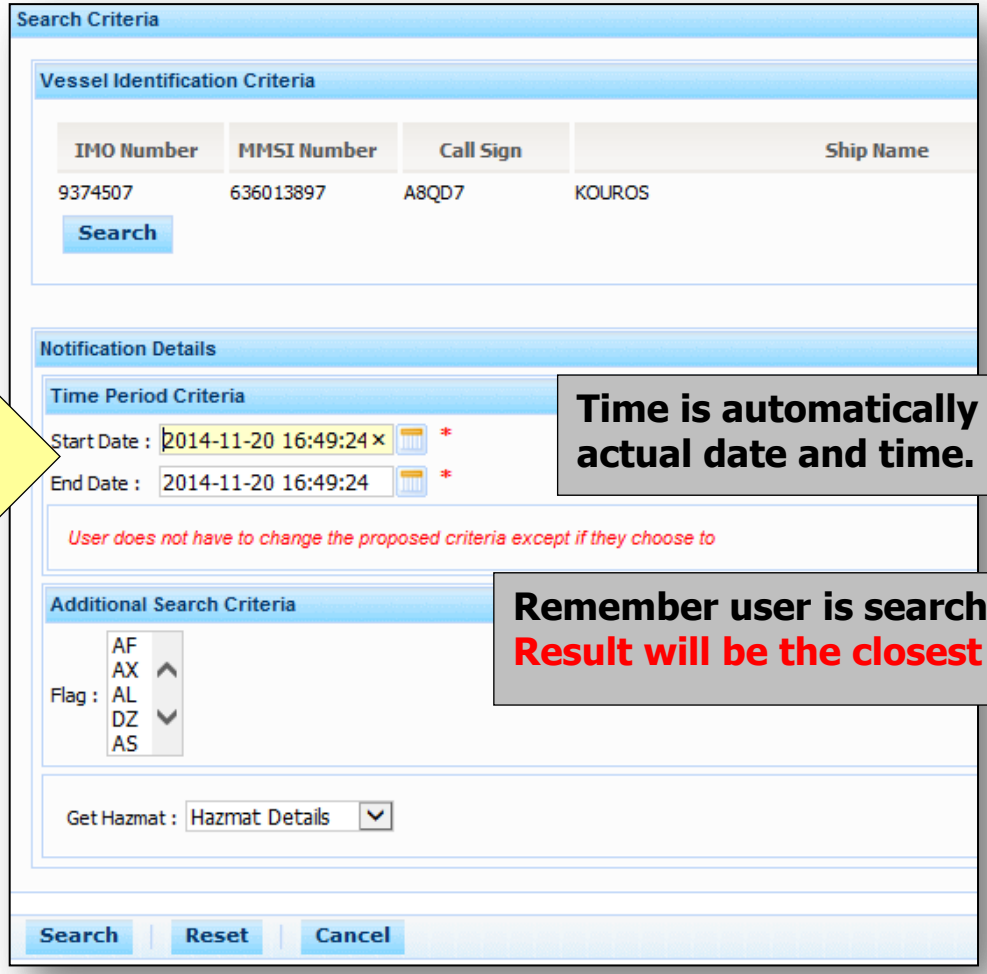
2. Insert a criteria and search for vessel

3. Select vessel by clicking on IMO Number



Active Hazmat
Hands-on (2)

4. Change Time Period Criteria if needed



Time is automatically filled in with actual date and time.

Remember user is searching in the future.
Result will be the closest ETA.

5. Click on Search

Active Hazmat Hands-on (3)

6. See results

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details	Get Hazmat Det
KOUROS	9374507	636013897	A8QD7	FISKV	USPOA		2014-11-22 16:17:00				

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: 1675588
Last Port : USPOA
ETD From Last Port :
Port Of Call : FISKV
ETA To PortOfCall : 2014-11-22 16:17:00
ETD From PortOfCall : 2014-11-23 16:17:00
Next Port : ZZUKN
ETA To NextPort : 2014-11-25 15:17:00
Position in port of call :

3 Days Pre Arrival

Possible anchorage : N
Planned Operations :
Planned Works :
Ship Configuration : SHT
Cargo Volume Nature :
Condition Cargo Ballast Tanks : Empty

24 Hours Pre Arrival

POB voyage towards Port Of Call : 99999

Arrival Notification Details

ATA to Port Of Call :
Anchorage :

Departure Notification Details

ATD Port Of Call :

Hazmat Confirmation

Hazmat on board : Y

Hazmat Summary

InfShipClass :

DGClassification : • [IMDG]

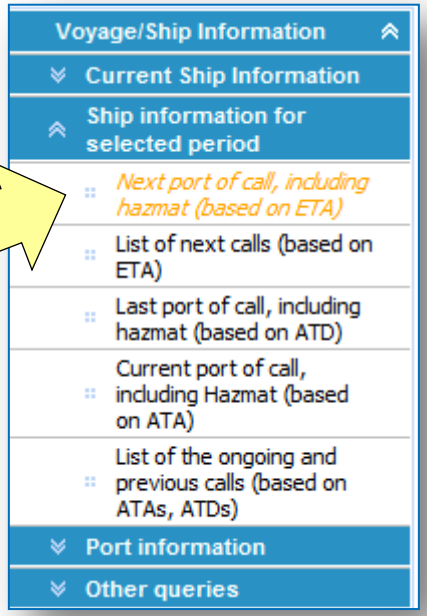
7. Click on Get Hazmat Details to obtain information about hazmat

8. See details (from Get Hazmat Details or View More Details)

Next port of call, including hazmat (based on ETA)

"Show me where and when the ship is going to arrive within a selected period and has the ship hazmat on board?"

Search way



ANNEX – Additional queries
Ship information for selected period

Next port of call, including hazmat (based on ETA)

IMO or MMSI are known

Note: Access rights in SafeSeaNet are very strict. Port authorities cannot see expected arrivals to other ports.

PORT OF CALL ?

ETA ?

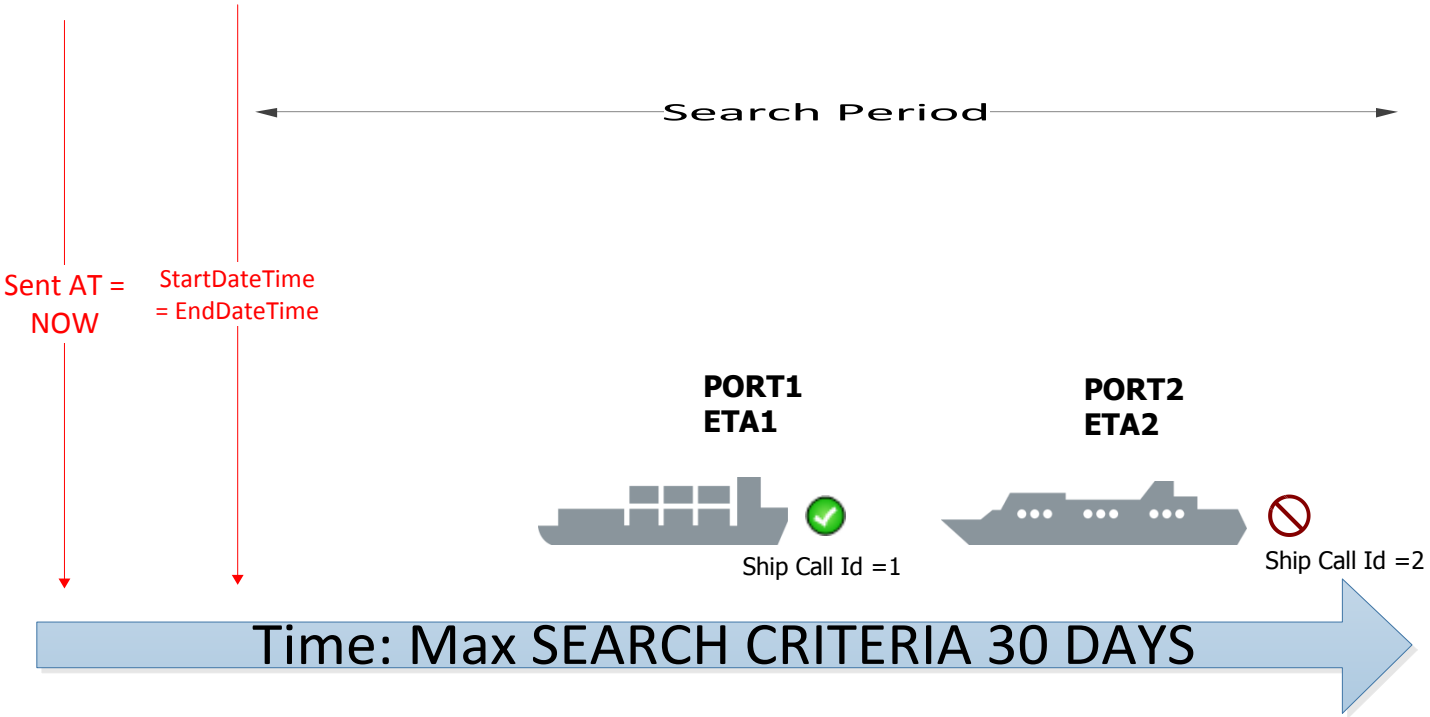
HAZMAT ON BOARD?

Next port of call, including Hazmat (based on ETA)

- **Time period criteria starts from NOW up to 30 days in the future**
- **Provides data relevant to the expected call of a ship (based on ETA)**
- **Provides HAZMAT details or summary**
- **Mandatory search criteria are:**
  - IMO Number or MMSI Number
- **Time period criteria:**
  - StartDateTime between NOW and + 30 days
  - **EndDateTime = StartDateTime**

NOTE: Time is always in UTC!

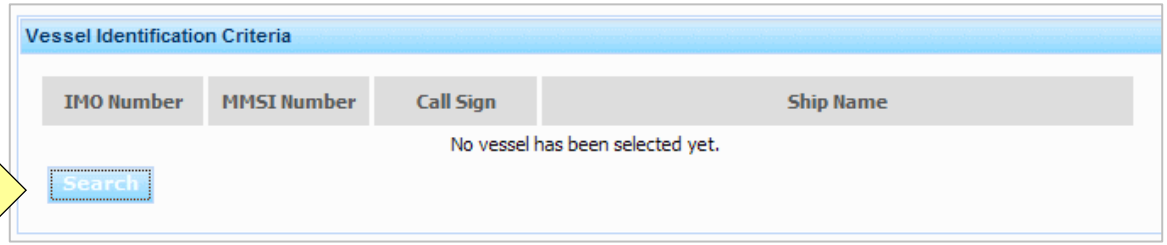
Next port of call, including Hazmat (based on ETA)



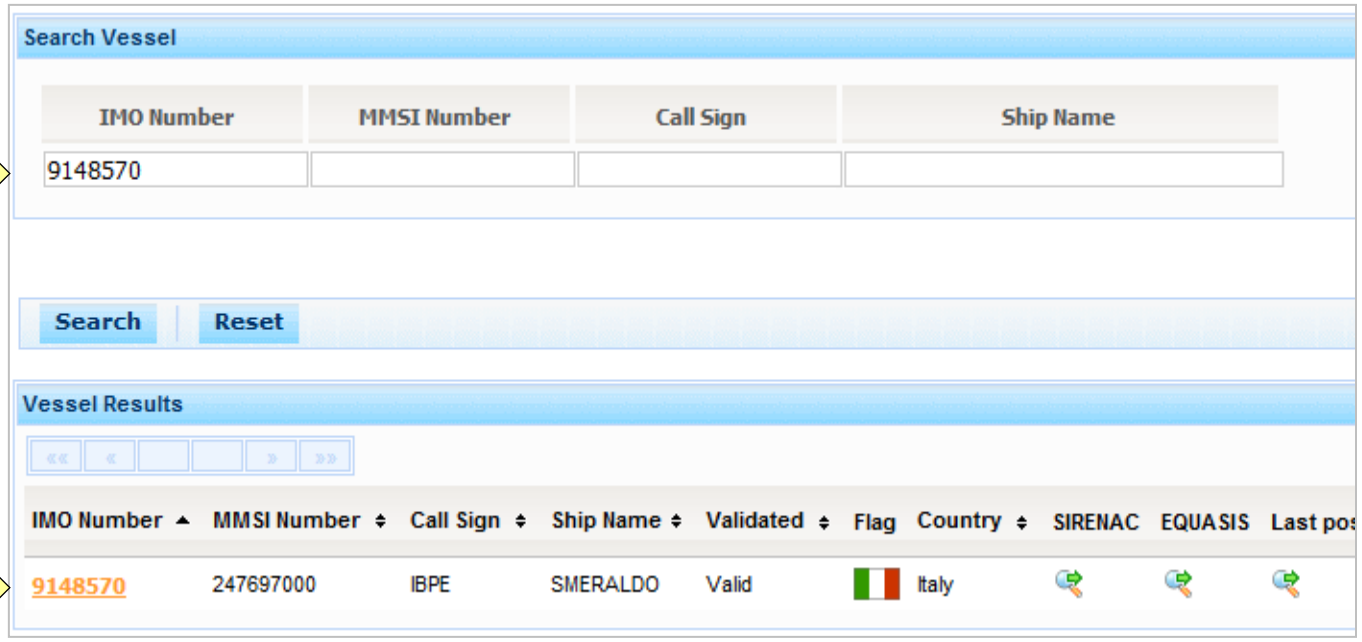
Result of the query is ETA1 / PORT1

Next port of call, including Hazmat
Hands-on (1)

1. Click on Search

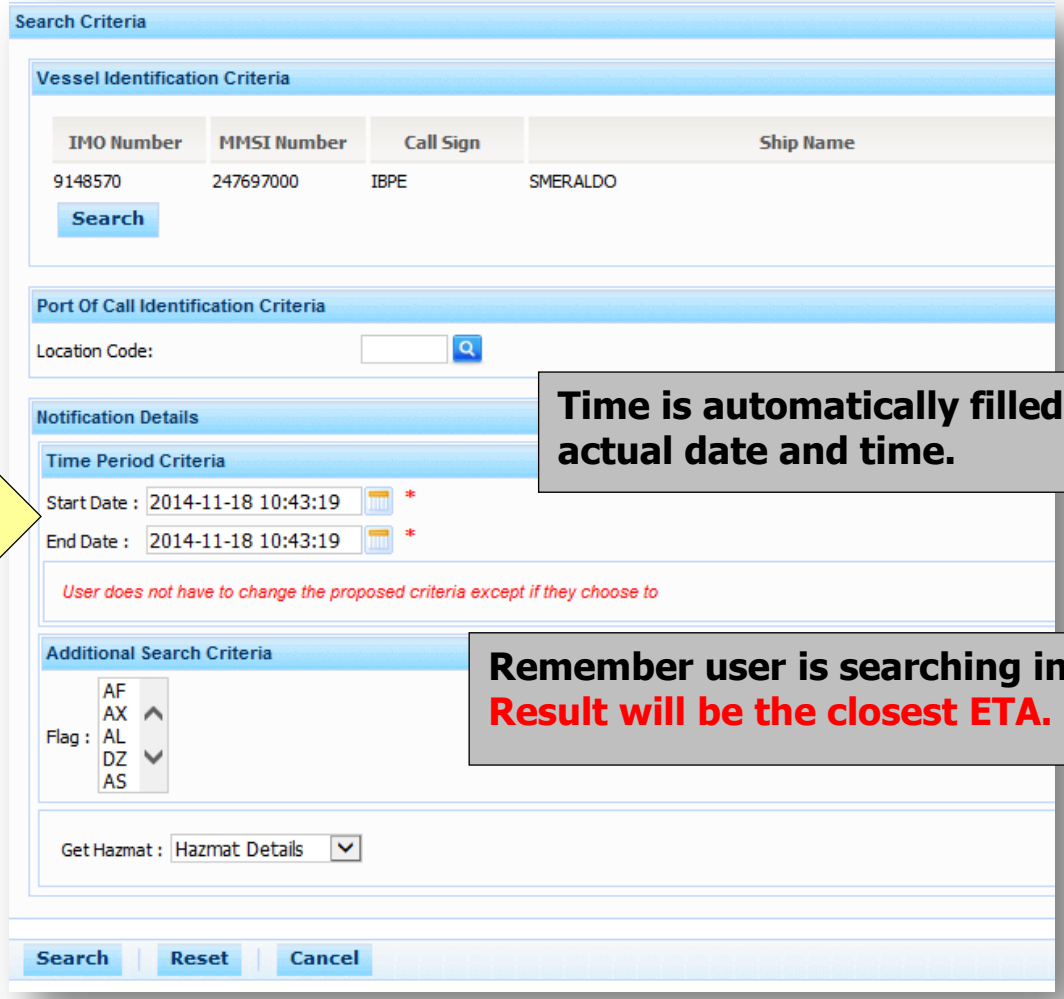


2. Insert a criteria and search for vessel



3. Select vessel by clicking on IMO Number

Next port of call, including Hazmat Hands-on (2)



4. Change Time Period Criteria if needed

Time is automatically filled in with actual date and time.

Remember user is searching in the future.
Result will be the closest ETA.

5. Click on Search

Next port of call, including Hazmat Hands-on (3)

6. See results

7. Click on View More Details to get details regarding the expected ship call

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current	View More Details
SMERALDO	9148570	247697000	IBPE	SEHUS	BEANR	2014-11-16 12:56:00	2014-11-20 04:00:00	

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id:
Last Port : BEANR
ETD From Last Port : 2014-11-16 12:56:00
Port Of Call : SEHUS
ETA To PortOfCall : 2014-11-20 04:00:00
ETD From PortOfCall :
Next Port :
ETA To NextPort :
Position in port of call :

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 15

Arrival Notification Details

ATA to Port Of Call :
Anchorage :

Departure Notification Details

ATD Port Of Call :

Hazmat Confirmation

Hazmat on board : Y

Hazmat Summary

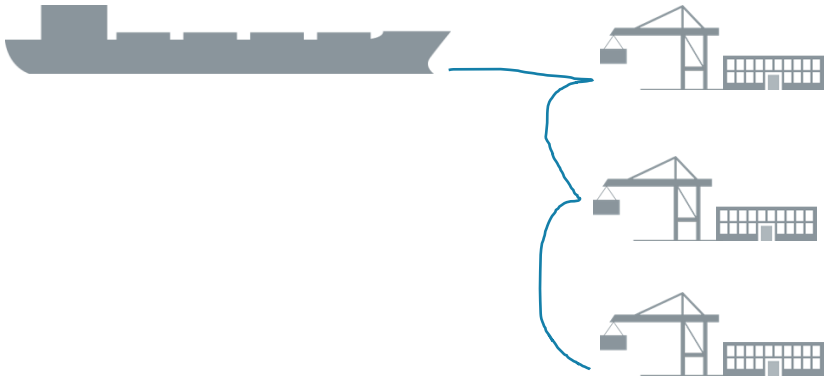
InfShipClass :

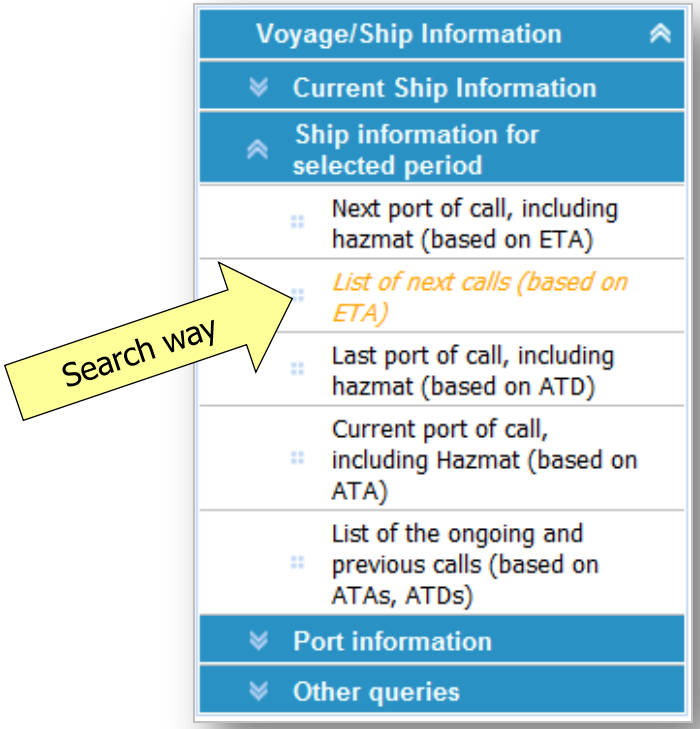
DGClassification : • [IBC]

8. See details (from View More Details)

List of next calls (based on ETA)

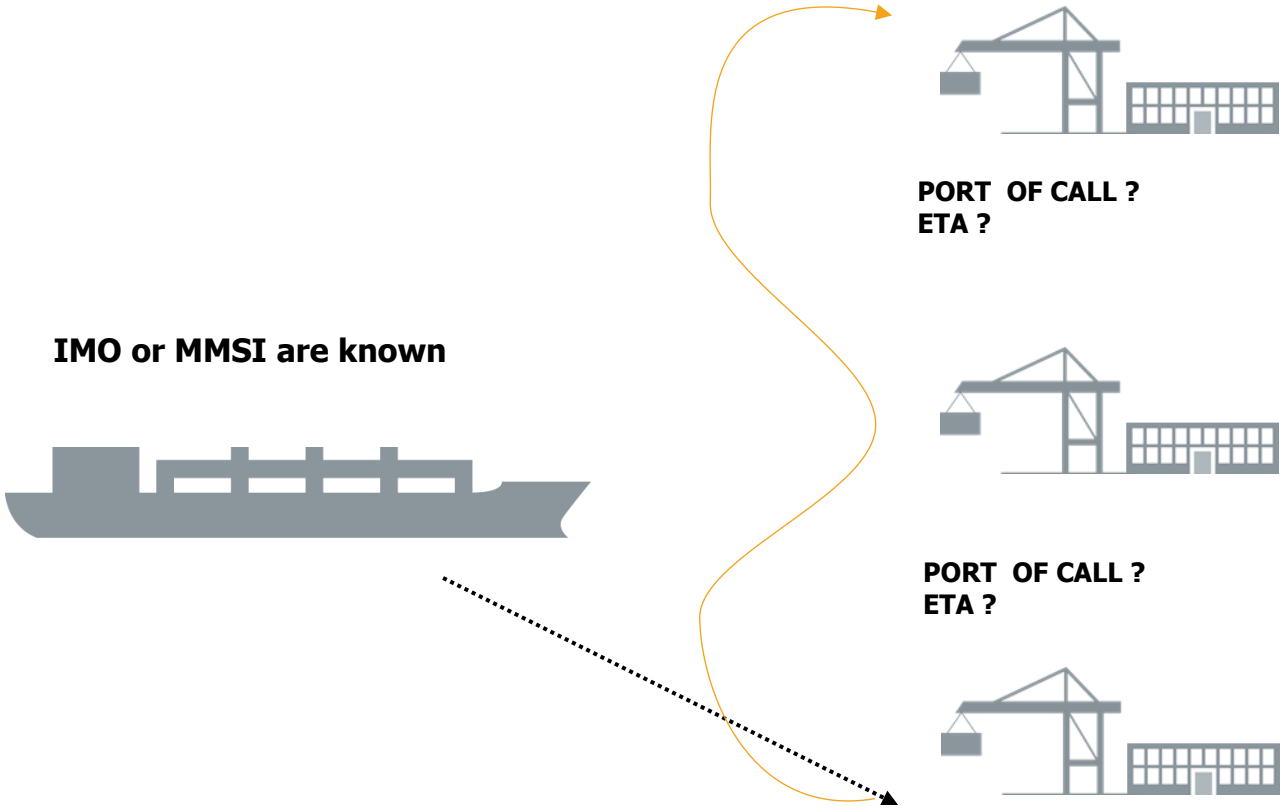
"I want to see all expected arrivals to EU Ports of a specific ship"





ANNEX – Additional queries
Ship information for selected period

List of next calls (based on ETA)



List of next calls (based on ETA)

- **Works like "expected call of selected ship" but provides a list of several ship calls for the vessel**
- **Time period starting from NOW up to 30 days in the future**
- **The query provides all the future calls expected for a ship (on the basis of ETA)**
- **Mandatory search criteria:**
  - IMO Number or MMSI Number
- **Mandatory Time Period Criteria:**
  - StartDateTime between NOW + 30 days
  - EndDateTime = StartDateTime

List of next calls (based on ETA)

Result of the query: ETA1 / PORT1 + ETA2 / PORT2

List of next calls (based on ETA) Hands-on (1)

1. Search and choose the vessel

2. Change Time Period Criteria if needed

3. Click on Search

Search Criteria

Vessel Identification Criteria

IMO Number	MMSI Number	Call Sign	Ship Name
9045807	205366000	ONCC	KEMIRA GAS

Search

Port Of Call Identification Criteria

Location Code:

Notification Details

Time Period Criteria

Start Date : 2014-11-18 11:51:07 *

End Date : 2014-11-18 11:51:07 *

User does not have to change the proposed criteria except if they choose to

Additional Search Criteria

Flag : AF AX AL DZ AS

Search | Reset | Cancel

Time Period Criteria is automatically filled in with current date and time
Remember: StartDateTime=EndDateTime

Note: System will give you all expected calls after the specified date

List of next calls (based on ETA) Hands-on (2)

4. See expected ship calls

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details
KEMIRA GAS	9045807	205366000	ONCC	DEBRB			2014-11-19 01:30:00			
KEMIRA GAS	9045807	205366000	ONCC	FRURO	DEBRB		2014-11-21 08:00:00			

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: PortPlus_1292294255_1416236713930
Last Port :
ETD From Last Port :
Port Of Call : DEBRB
ETA To PortOfCall : 2014-11-19 01:30:00
ETD From PortOfCall : 2014-11-19 17:30:00
Next Port : FRURO
ETA To NextPort :
Position in port of call :

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 19

Arrival Notification Details

ATA to Port Of Call :
Anchorage :

Departure Notification Details

ATD Port Of Call :

Hazmat Confirmation

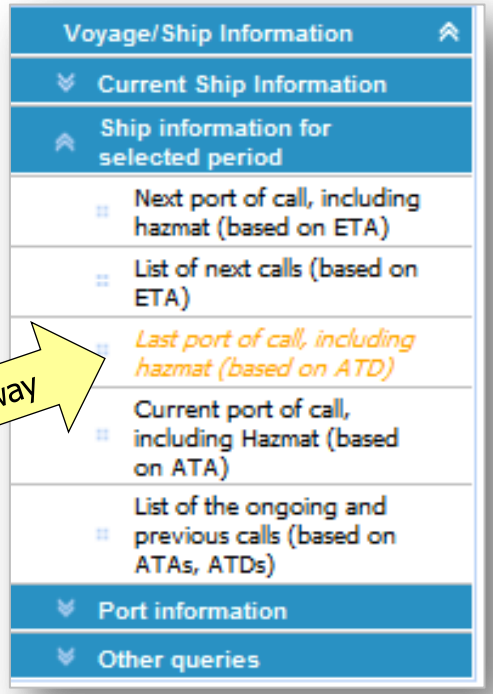
Hazmat on board : N

5. Click on View More Details to see more information

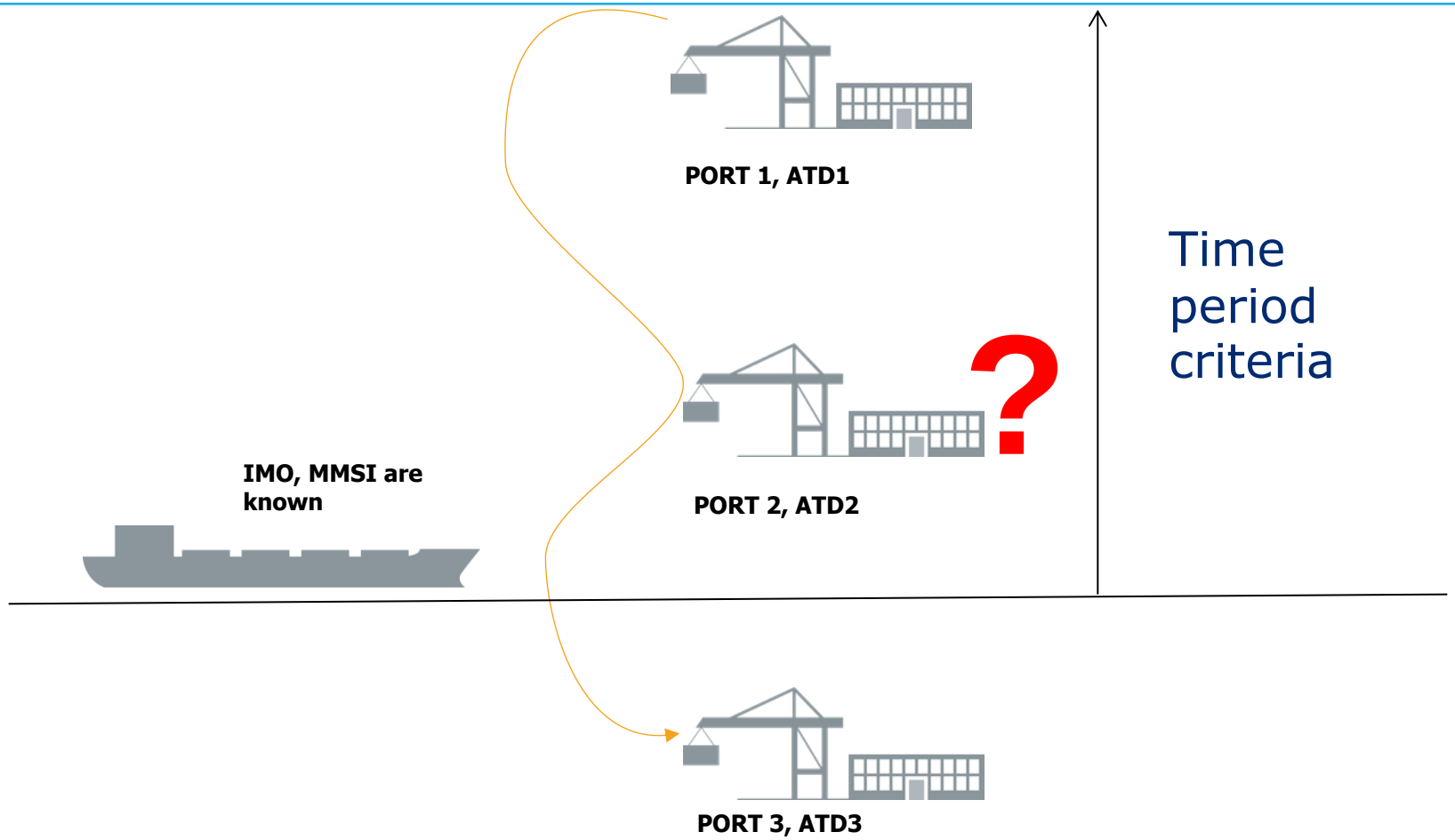
Last port of call, including hazmat (based on ATD)

"Show me the last port of call of the ship and if hazmat currently is on board."

Search way



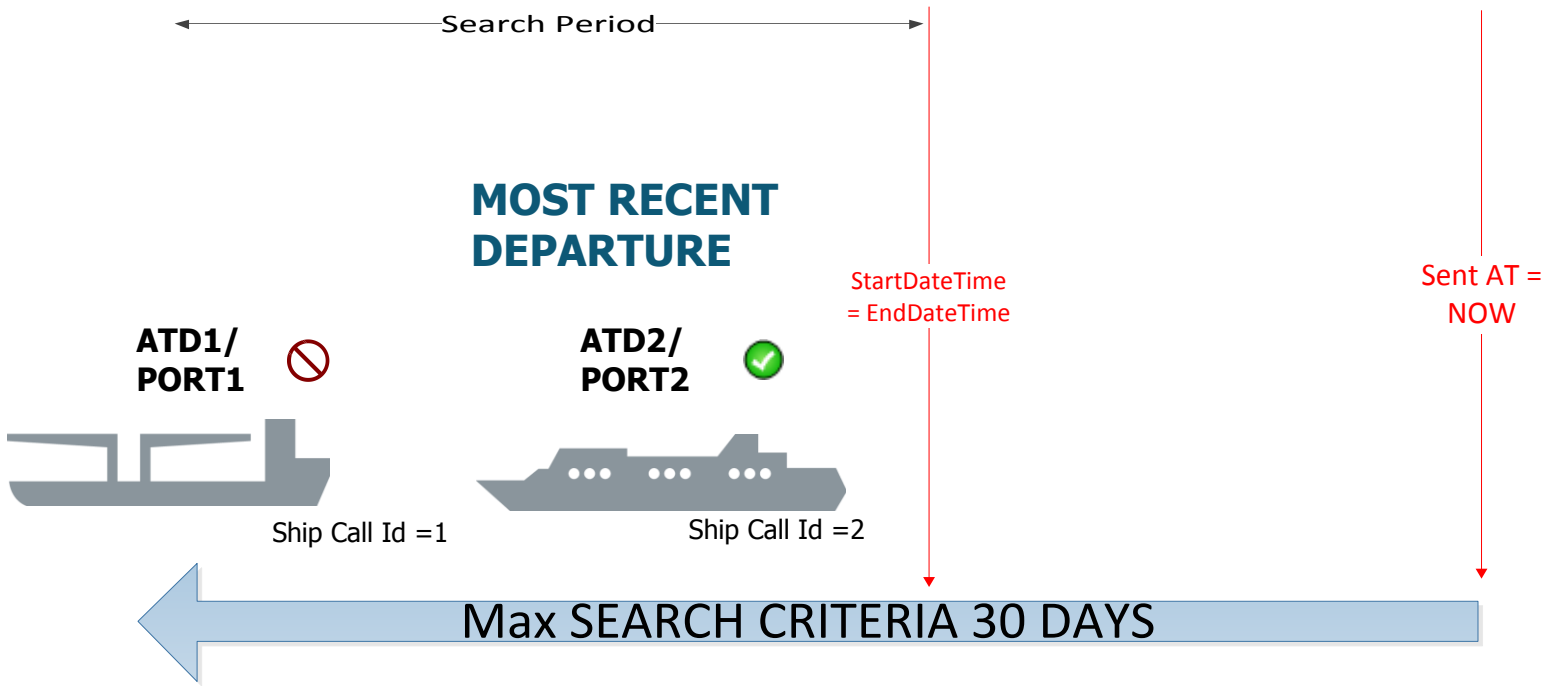
Last port of call, including hazmat (based on ATD)



Last port of call, including hazmat (based on ATD)

- Same “logic” as in the search “Current port of call, including Hazmat (based on ATA)”
- Provides HAZMAT details or summary
- Based on ATD instead of ATA

Last port of call, including hazmat (based on ATD)



Result of the query: ATD2 / PORT2

Last port of call, including hazmat
Hands-on (1)

1. Search and choose the vessel

2. Change Time Period Criteria if needed

3. Click on Search

Search Criteria

Vessel Identification Criteria

IMO Number	MMSI Number	Call Sign	Ship Name
8716100	211203240	DGPF	POLARIS

Search

Port Of Call Identification Criteria

Location Code:

Notification Details

Time Period Criteria

Start Date : 2014-11-18 12:01:50 *

End Date : 2014-11-18 12:01:50 *

User does not have to change the proposed criteria except if they choose to

Additional Search Criteria

Flag : AF AX AL DZ AS

Get Hazmat : Hazmat Details

Search | Reset | Cancel

Time Period Criteria is automatically filled in with current date and time
Remember: StartDateTime=EndDateTime

Last port of call, including hazmat
Hands-on (2)

4. See results

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details
POLARIS	8716100	211203240	DGPF	NLRTM	DKEBJ	2014-09-11 16:00:00	2014-09-12 20:45:00	2014-09-12 22:31:10	2014-09-15 13:00:17	

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: NLRTM14022021
Last Port : DKEBJ
ETD From Last Port : 2014-09-11 16:00:00
Port Of Call : NLRTM
ETA To PortOfCall : 2014-09-12 20:45:00
ETD From PortOfCall : 2014-09-14 20:46:00
Next Port : PTPDL
ETA To NextPort : 2014-09-17 04:00:00
Position in port of call : ELBEH ADM P 10

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 12

Arrival Notification Details

ATA to Port Of Call : 2014-09-12 22:31:10
Anchorage :

Departure Notification Details

ATD Port Of Call : 2014-09-15 13:00:17

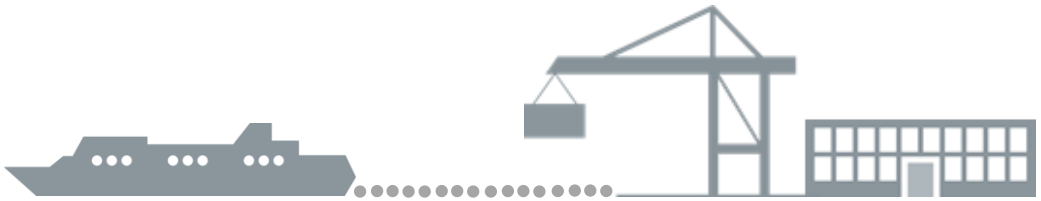
Hazmat Confirmation

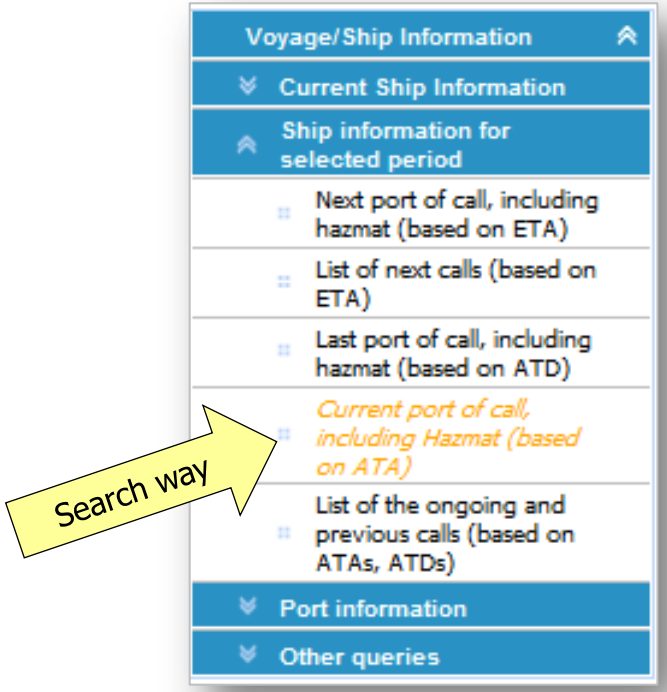
Hazmat on board : N

5. Click on View More Details to see more information

Current port of call, including hazmat (based on ATA)

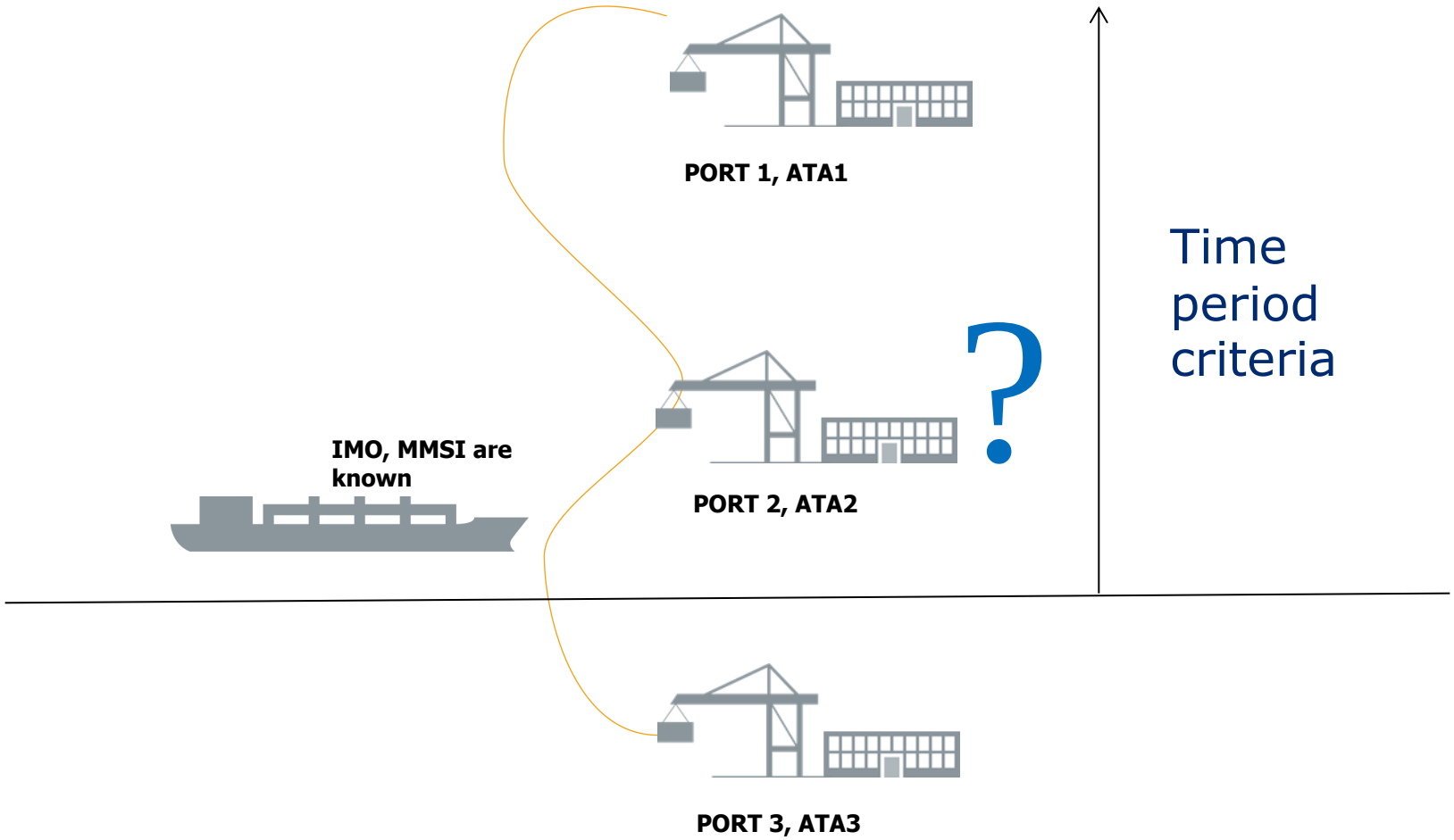
"Show me in which port the vessel is within the defined period"





ANNEX – Additional queries
Ship information for selected period

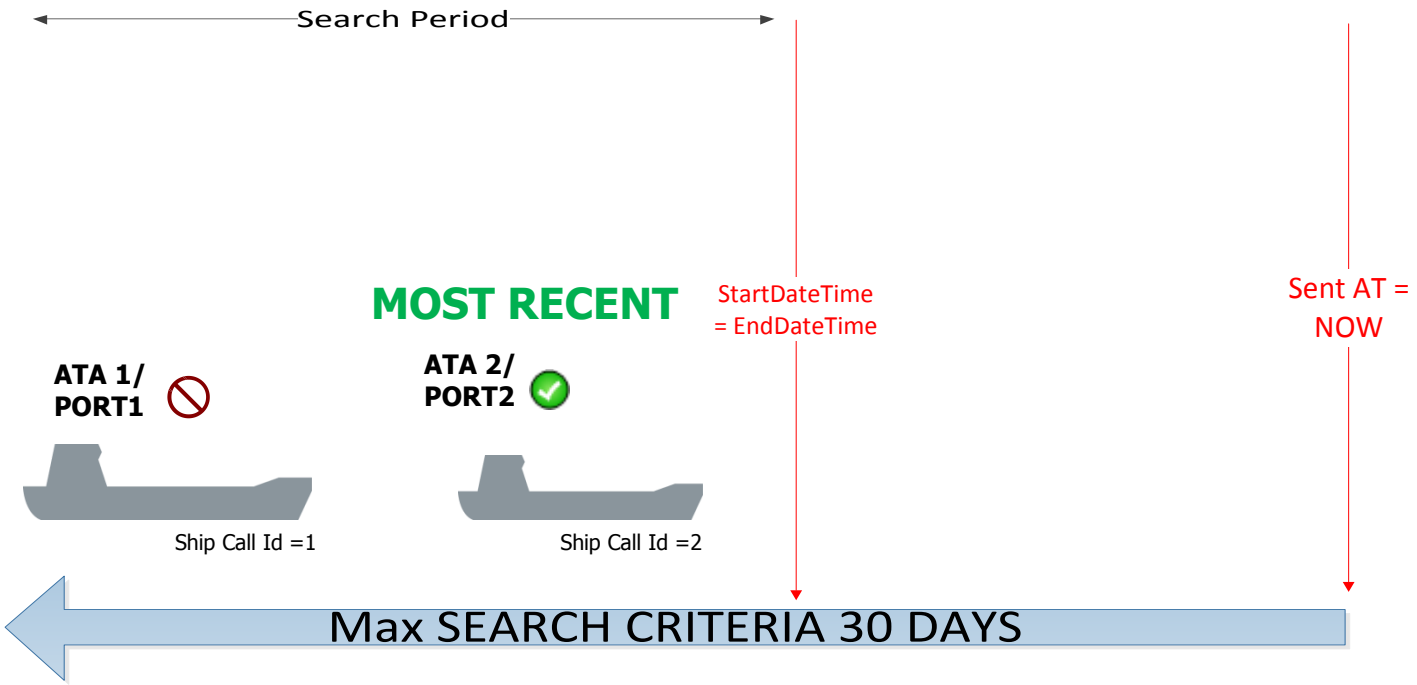
Current port of call, including hazmat (based on ATA)



Current port of call, including hazmat (based on ATA)

- **Search in the period starting from NOW and 30 days in the past**
- **Provides data relevant to the most recent arrival of a ship to a port (on the basis of ATAPortOfCall)**
- **Provides HAZMAT details or summary**
- **Mandatory search criteria are:**
  - IMO Number or MMSI Number
- **Time period criteria:**
  - StartDateTime between NOW and - 30 days
  - EndDateTime = StartDateTime

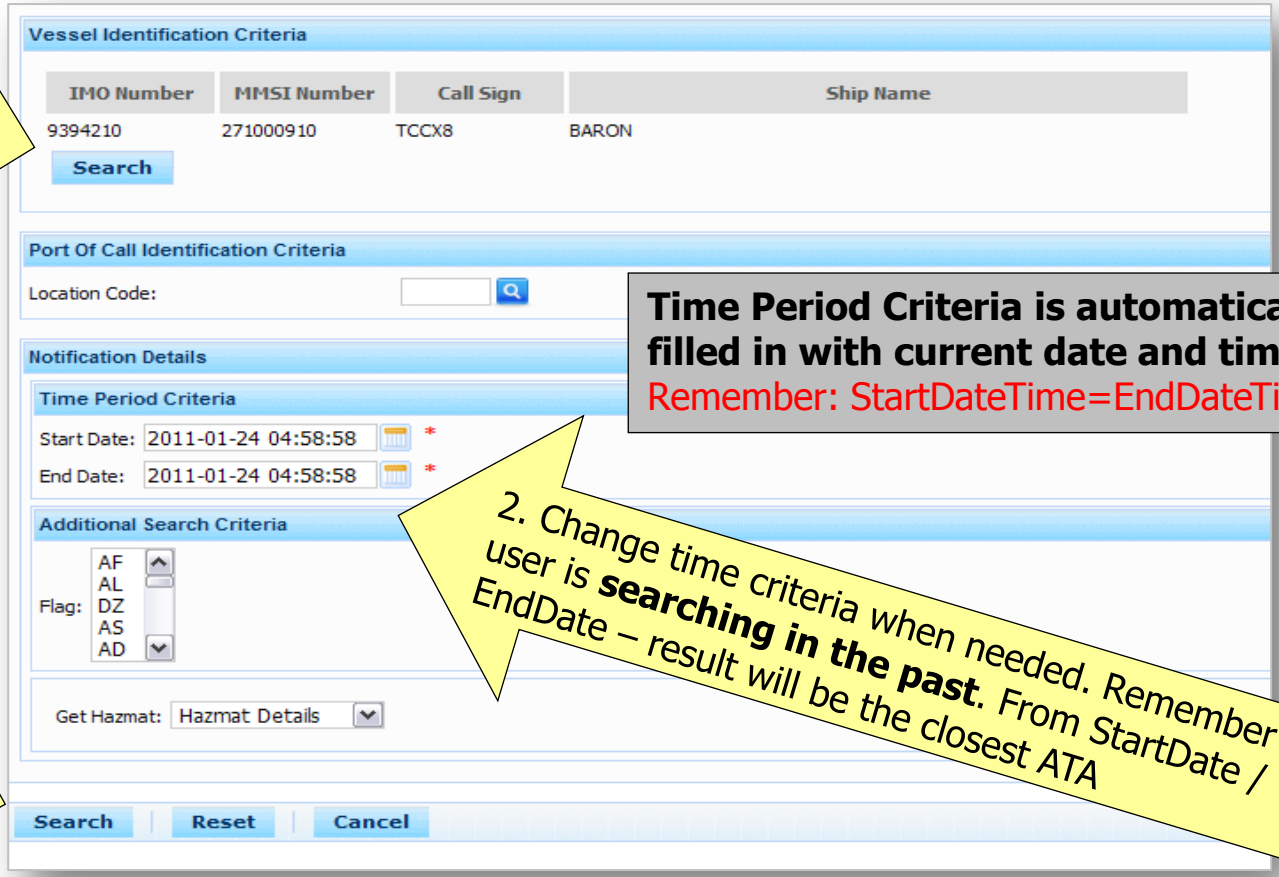
Current port of call, including hazmat (based on ATA)



Result of the query: ATA2 / PORT2

Current port of call, including hazmat Hands-on (1)

1. Search and choose the vessel



Time Period Criteria is automatically filled in with current date and time
Remember: StartDateTime=EndDateTime

2. Change time criteria when needed. Remember user is **searching in the past**. From StartDate / EndDate – result will be the closest ATA

3. Click on Search

Current port of call, including hazmat Hands-on (2)

4. See results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More De
BARON	9394210	271000910	TCCX8	BEGNE	UAKHE	2010-12-28 11:00:00	2011-01-22 13:00:00	2011-01-22 18:26:00		

1 item(s) found, displaying 1 to 1

Voyage Information

Ship Call Id: 482085-727379
Last Port : UAKHE
ETD From Last Port : 2010-12-28 11:00:00
Port Of Call : BEGNE
ETA To PortOfCall : 2011-01-22 13:00:00
ETD From PortOfCall : 2011-01-26 13:00:00
Next Port :
ETA To NextPort :
Position in port of call : BEGNE0530200360

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 12

Arrival Notification Details

ATA to Port Of Call : 2011-01-22 18:26:00
Anchorage : N

Departure Notification Details

ATD Port Of Call :

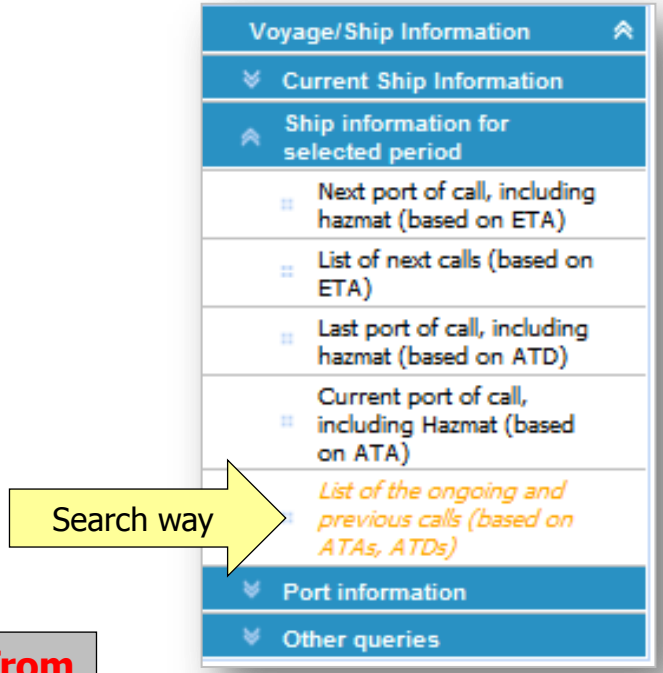
Hazmat Confirmation

5. Click on View More Details to see more information

Note: You will see arrival date. Next port and ETA in the next port of call may not be yet available.

List of the ongoing and previous calls (based on ATAs, ATDs)

"Show me all calls for the specific ship within the specific period"

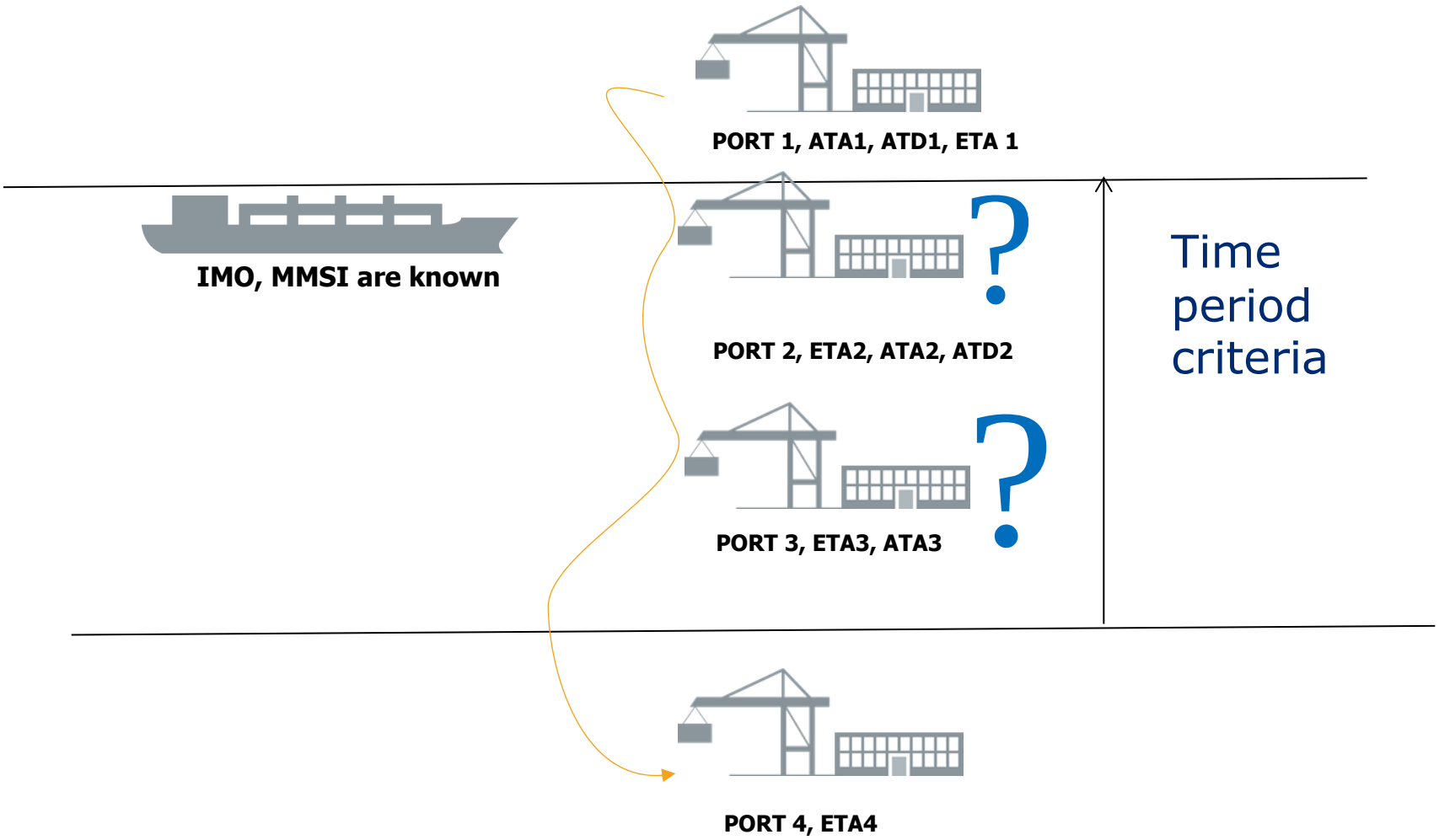


Search way

Note: Ship Call is only completed, from system point of view, when values ATA and ATD are provided

ANNEX – Additional queries
Ship information for selected period

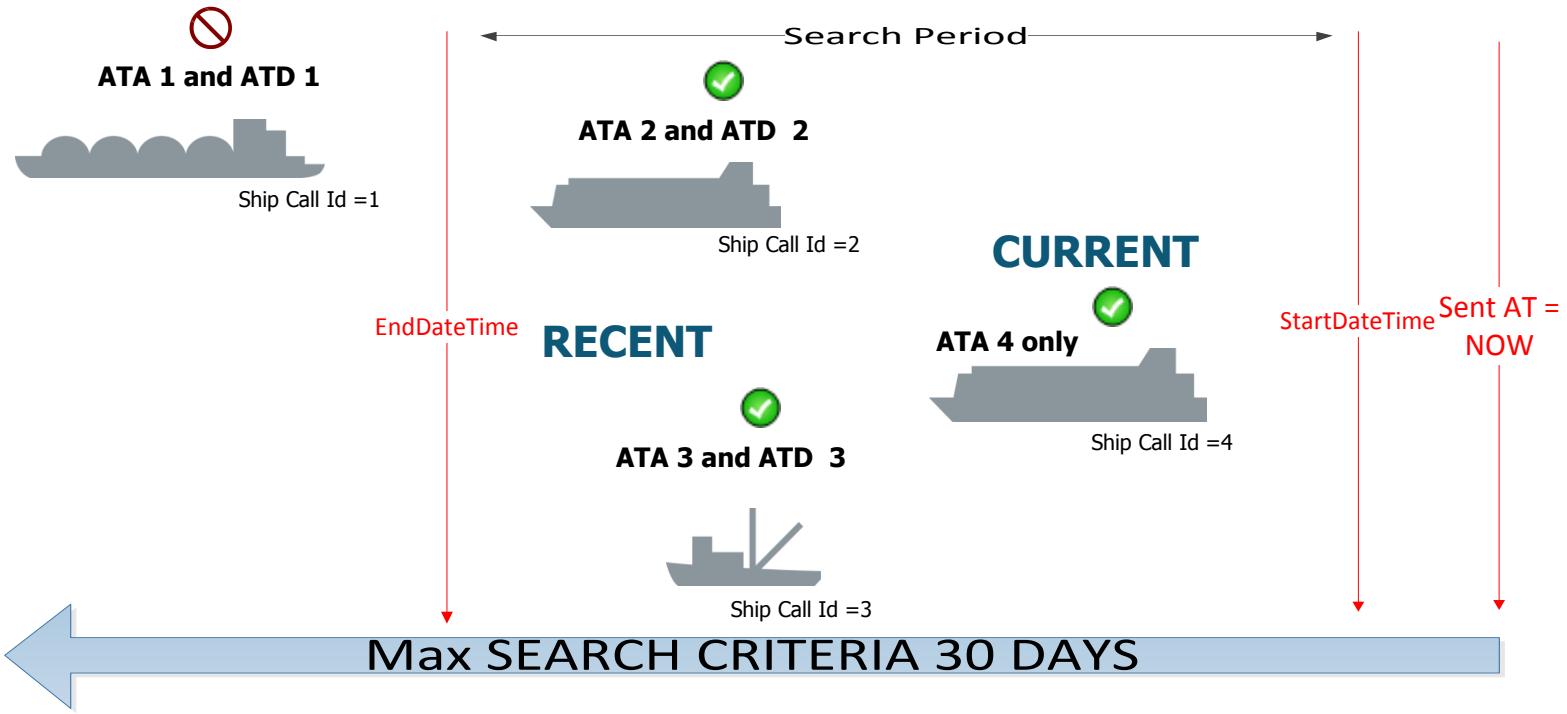
List of the ongoing and previous calls (based on ATAs, ATDs)



List of the ongoing and previous calls (based on ATAs, ATDs)

- **Works in the period starting from NOW up to 30 days in the past**
- **The query returns all calls of a given vessel at a specific timeframe within the last 30 days on the basis of ATA and/or ATD**
- **Mandatory criteria search criteria are:**
  - IMO Number or MMSI Number
- **Time period criteria:**
  - StartDateTime between NOW and - 30 days
  - The difference between StartDateTime and EndDateTime cannot be more than 30 days
  - EndDateTime is further “in the past” than the StartDateTime

List of the ongoing and previous calls (based on ATAs, ATDs)



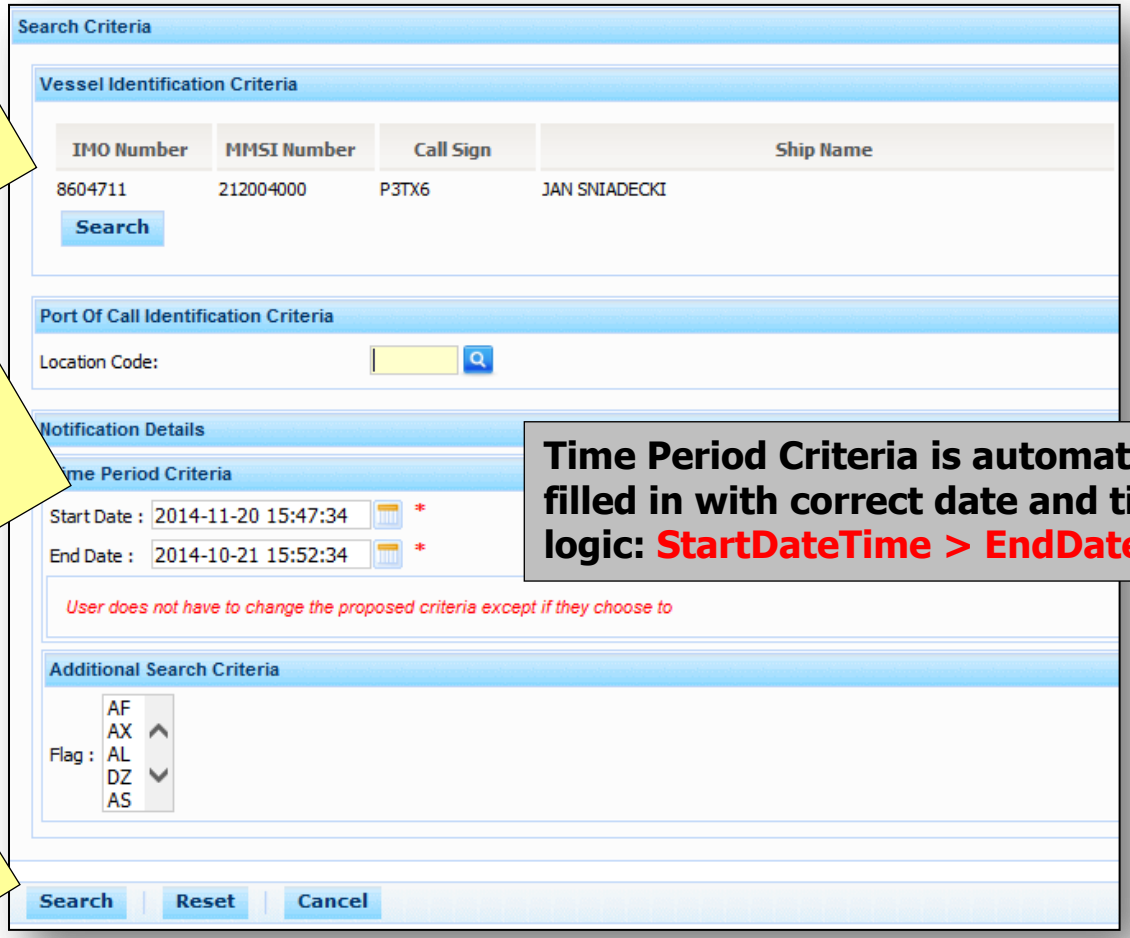
Result of the query: ATA2-ATD2 + ATA3-ATD3 + ATA4

List of the ongoing and previous calls Hands-on (1)

1. Search and choose the vessel

2. Change Time Period Criteria if needed

3. Click on Search



Time Period Criteria is automatically filled in with correct date and time logic: StartDateTime > EndDateTime

List of the ongoing and previous calls Hands-on (2)

4. See results

5. Click on link to get more information

6. See details

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call P	ATA	Current Call ATD	View More Detail
JAN SNIADECKI	8604711	212004000	P3TX6	PLSWI	SEYST		2014-10-21 22:15		00	
JAN SNIADECKI	8604711	212004000	P3TX6	SEYST	PLSWI	2014-10-22 02:00:00	2014-10-22 09:00:00	2014-10-22 08:4		
					SEYST		2014-10-22 22:15:00	2014-10-22 22:15:00	2014-1	00:00
					PLSWI	2014-10-23 02:00:00	2014-10-23 09:00:00	2014-10-23 08:43:00	2014-10-23 15:25:00	
					SEYST		2014-10-23 22:15:00	2014-10-23 22:30:00	2014-10-24 02:00:0	
					PLSWI	2014-10-24 02:00:00	2014-10-24 09:00:00	2014-10-24 08:42:00	2014-10-24 15:17:00	
					PLSWI	2014-10-25 02:00:00	2014-10-25 09:00:00	2014-10-25 08:42:00	2014-10-25 15:21:00	
					SEYST		2014-10-25 22:15:00	2014-10-25 22:35:00	2014-10-27 03:00:00	

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: 22A35E8
Last Port : PLSWI
ETD From Last Port : 2014-10-23 02:00:00
Port Of Call : SEYST
ETA To PortOfCall : 2014-10-23 09:00:00
ETD From PortOfCall : 2014-10-23 15:30:00
Next Port : PLSWI
ETA To NextPort : 2014-10-23 22:15:00
Position in port of call :

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 61

Arrival Notification Details

ATA to Port Of Call : 2014-10-23 08:43:00
Anchorage :

Departure Notification Details

ATD Port Of Call : 2014-10-23 15:25:00

Hazmat Confirmation

Hazmat on board : N

Note: In the example we have multiple ship calls between the same ports. It indicates regular service (ferry in the selected example)

PORT INFORMATION

Note: Due to access rights policy port authorities cannot see expected arrivals to other ports.

QUERY – Port Information

List of ships in port

"Show me a list of ships arrived at a specific port within the last 24 hours."

Search way

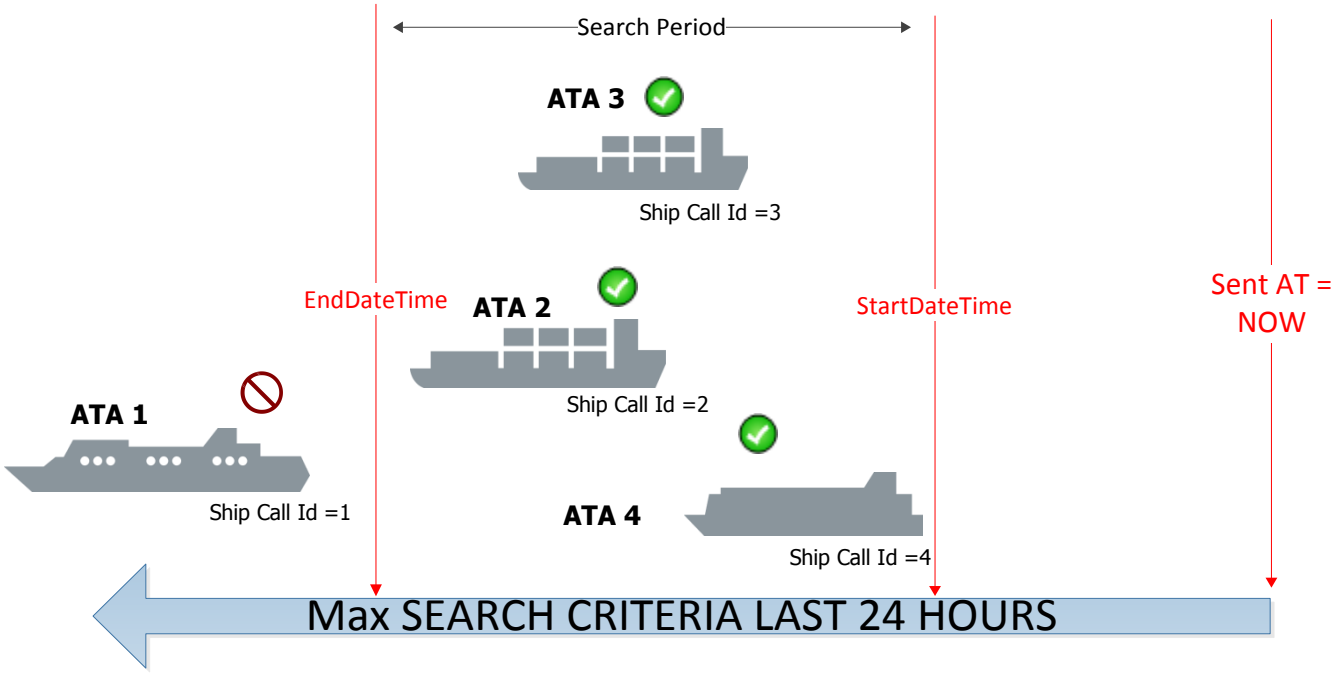
Note: In SSN V3 the query will retrieve results within 30 days

List of ship in port

- **Provides a list of ships that arrived within the last 24 hours <u>(in PROD)</u> at an EU port and where:**
  - An ATA is registered within the period defined
  - There is still no ATD issued (ship is still in port)
- **Mandatory search criteria:**
  - Location code of the port (cannot be “ZZUKN”)
- **Time period criteria:**
  - StartDateTime and EndDateTime are between NOW and
    - 1 day
  - This query limit is 24 hours

List of ship in port

WITHIN AN EU PORT AND WITHIN 24 HOURS



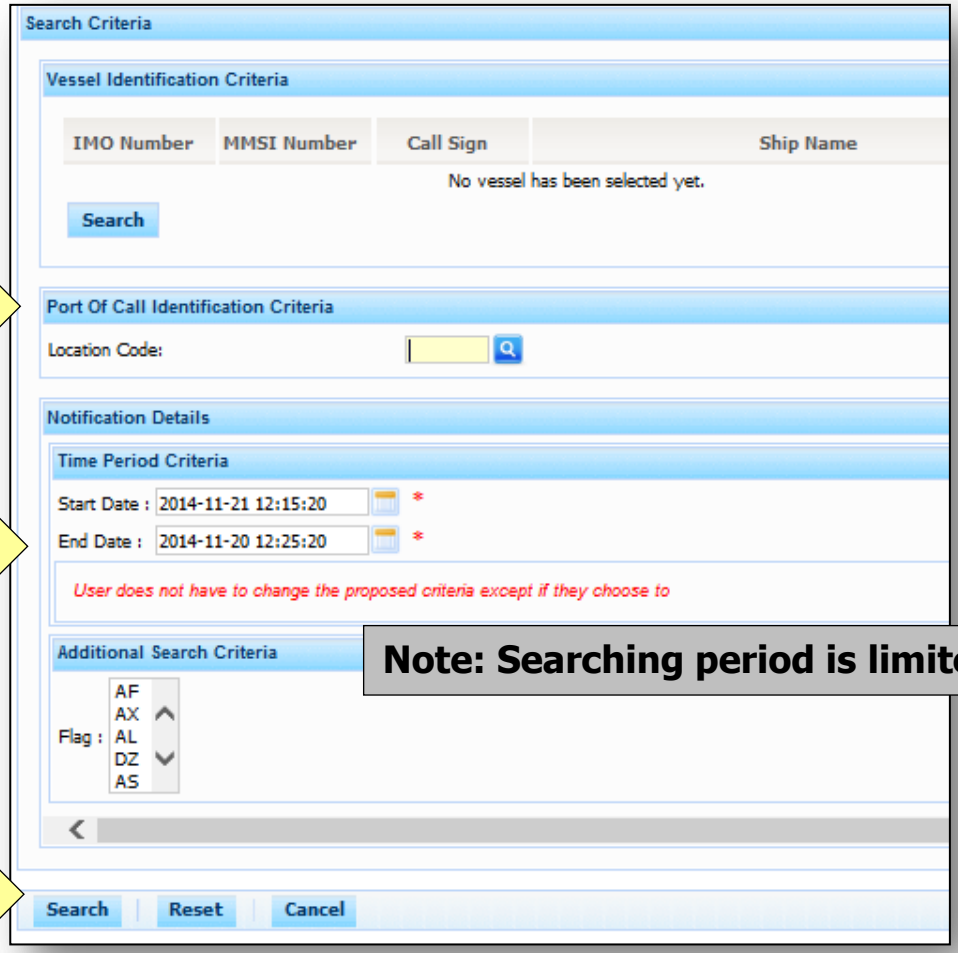
Result of the query: ATA2, ATA3, ATA4

Hands-on (1)

1. Insert EU port location code

2. Change Time Period Criteria if needed

3. Click on Search



Note: Searching period is limited to 24 hours.

List of ship in port

Hands-on (2)

4. See results

5. Click on link to get more information

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call A	View More
ALEXANDER B	9328649	305654000	V2FE7	NLRTM				2011-01-28 14:02:00	
AMETYSTH	8820286	210320000							
ANNELISE THERESA	9478286	219023000							
AS FRANCONIA	9483669	212018000							

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: NLRTM11233021
Last Port :
ETD From Last Port :
Port Of Call : NLRTM
ETA To PortOfCall :
ETD From PortOfCall :
Next Port :
ETA To NextPort :
Position in port of call : ALEXH ECT ZZ

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call :

Arrival Notification Details

ATA to Port Of Call : 2011-01-28 14:02:00
Anchorage :

Departure Notification Details

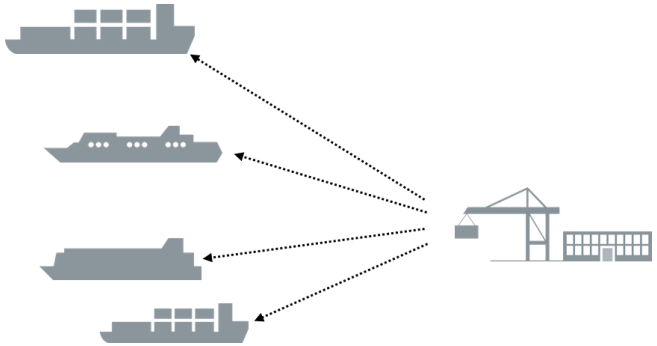
ATD Port Of Call :

Hazmat Confirmation

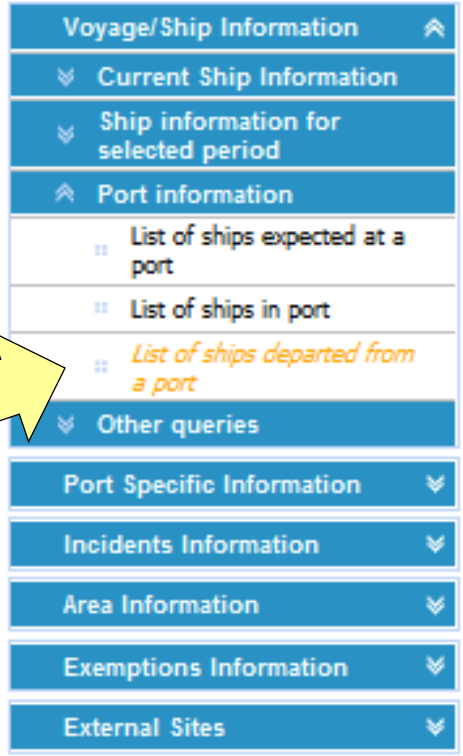
6. See details

List of ships departed from a port

"Show me a list of ships incl. ATA, ATD and next port, which have loaded and departed from a specific port"

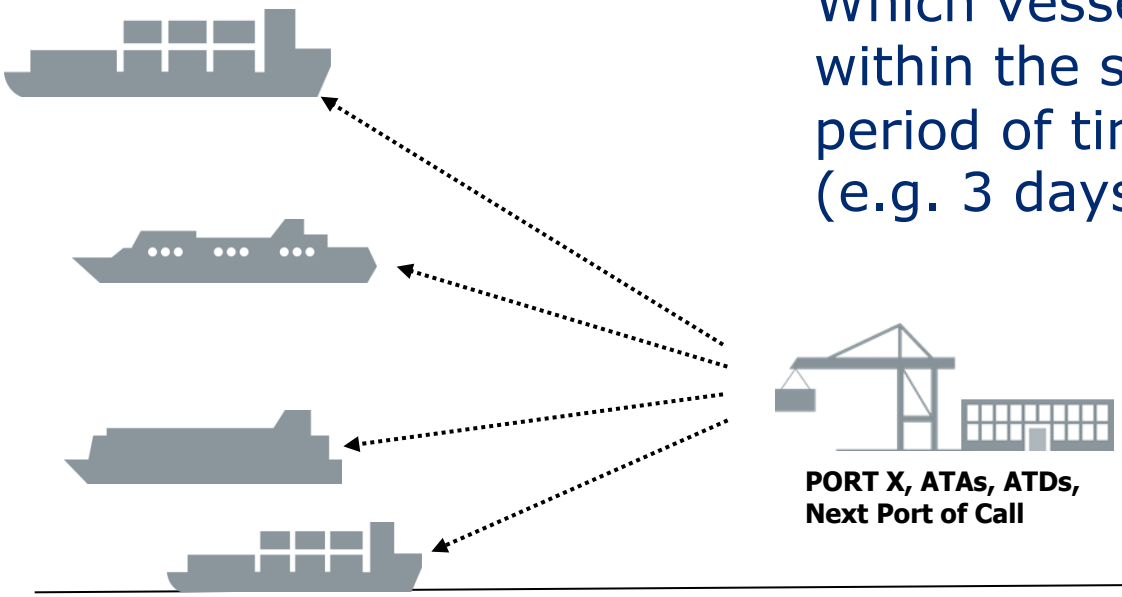


Search way



ANNEX – Additional queries
Port information

List of ships departed from a port



Which vessels left Port X within the specified period of time (e.g. 3 days ago)?

?

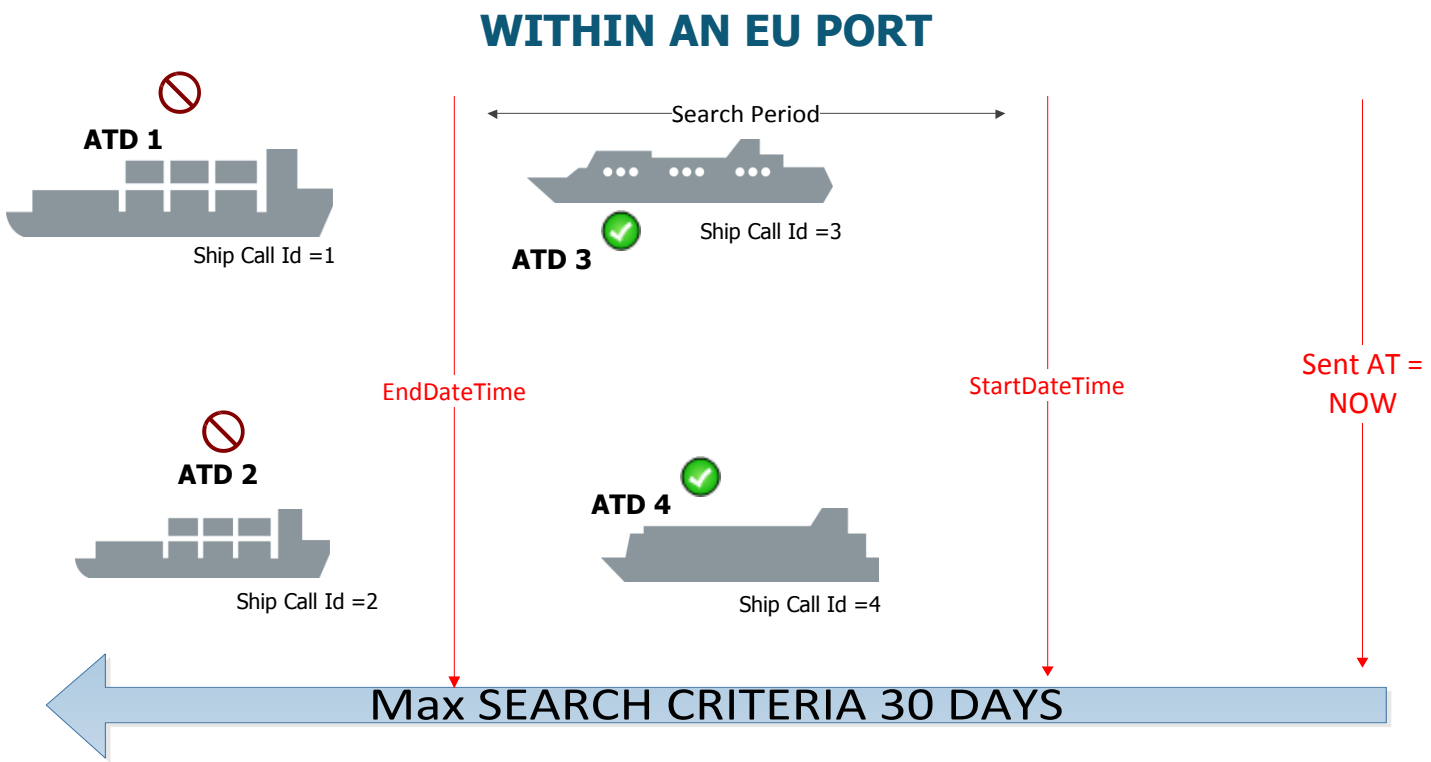
Where did they go?

Did they have HAZMAT onboard?

List of ships departed from a port

- **Provides a list of completed ship calls in a port (to be specified) for a maximum timeframe of 24 hrs within the last 30 days**
- **On the basis of ATDPortOfCall**
- **Mandatory search criteria:**
  - Location code of the port (cannot be “ZZUKN”)
- **Time period criteria:**
  - StartDateTime and EndDateTime are between NOW and - 30 days
  - EndDateTime <= StartDateTime

List of ships departed from a port



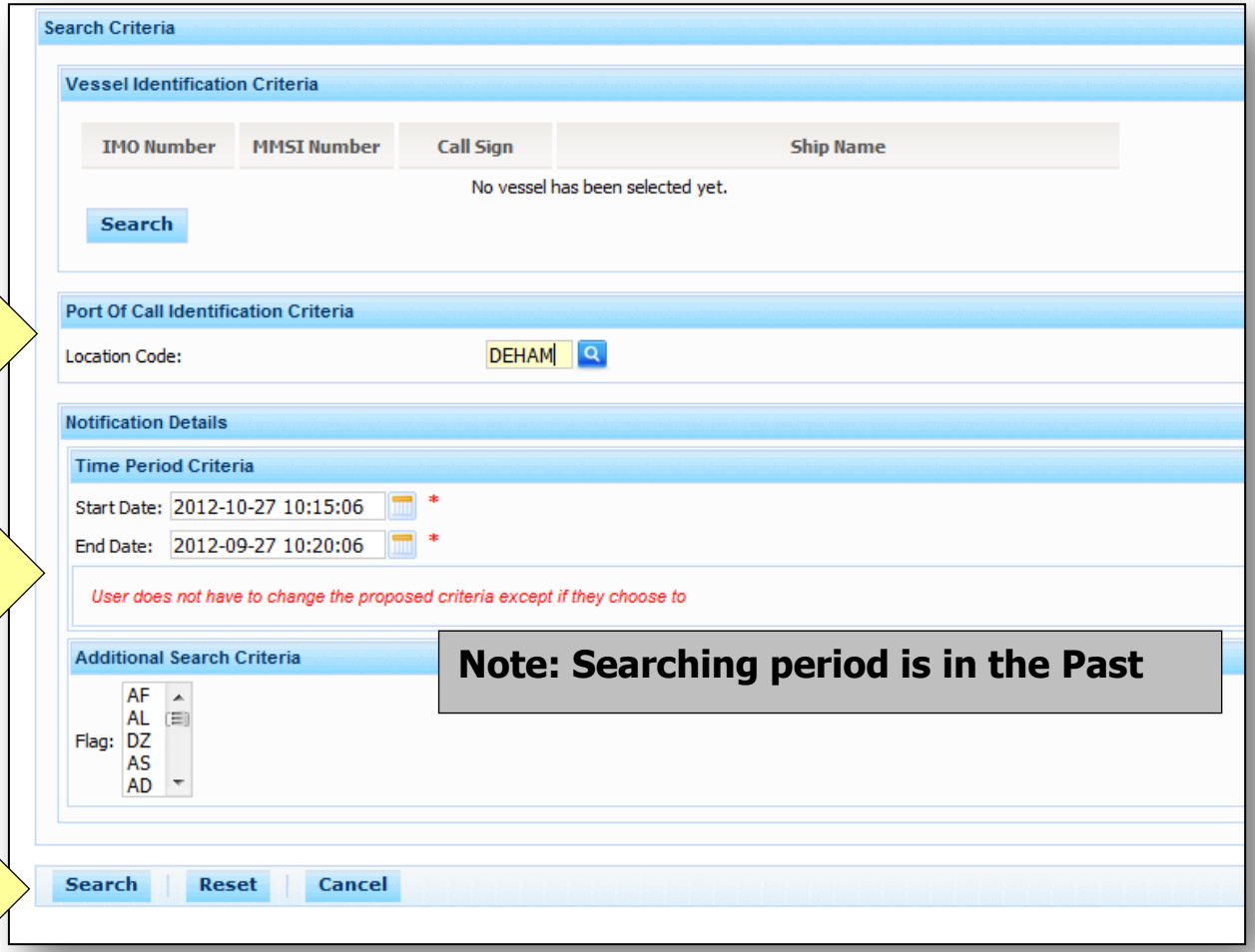
Result of the query: ATD3, ATD4

List of ships departed from a port – Hands-on (1)

1. Insert EU port location code

2. Change Time Period Criteria if needed

3. Click on Search



Note: Searching period is in the Past

List of ships departed from a port – Hands-on (2)

4. See results

Search Results

1 2 3 4 5 6 7 8 9 10

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View Mor
	8643834			DEHAM			2011-01-20 23:00:00	2011-01-21 19:02:02	2011-01-21 19:17:03	
	8709133	356459000	3FRY8	DEHAM			2011-01-21 09:26:29	2011-01-21 12:00:23	2011-01-24 20:50:13	
	9430193	305515000	V2EQ4	DEHAM			2011-01-23 12:10:31	2011-01-23 13:58:37	2011-01-25 05:17:43	
	1011185			DEHAM			2011-01-24 23:00:00	2011-01-25 09:47:53	2011-01-25 10:02:53	
			VRFG7	DEHAM			2011-01-25 07:44:30	2011-01-25 06:41:23	2011-01-26 22:22:09	
			MJCT3	DEHAM			2011-01-20 15:20:36	2011-01-20 19:49:54	2011-01-22 11:54:23	
			OXLD2	DEHAM			2011-01-26 22:19:34	2011-01-27 01:00:56	2011-01-27 19:15:47	
			9KWW	DEHAM			2011-01-24 03:40:59	2011-01-24 06:06:31	2011-01-25 14:02:02	
			HP8155	DEHAM	SELAA	2011-01-18 17:20:00	2011-01-20 04:30:00	2011-01-20 05:04:29	2011-01-20 16:18:3	
			MFNN5	DEHAM			2011-01-21 13:11:26	2011-01-21 14:27:50	2011-01-22	

Port Plus Notification Details Excluding Hazmat Info

ETD From Last Port :
Port Of Call : DEHAM
ETA To PortOfCall : 2011-01-20 23:00:00
ETD From PortOfCall : 2011-01-21 23:00:00
Next Port :
ETA To NextPort :
Position in port of call :

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival
POB voyage towards Port Of Call : 99999

Arrival Notification Details
ATA to Port Of Call : 2011-01-21 19:02:02
Anchorage :

Departure Notification Details
ATD Port Of Call : 2011-01-21 19:17:03

Hazmat Confirmation
Hazmat on board :

Hazmat Summary
InfShipClass :

5. Click on details to see more information

Note: All ship call results have ATD

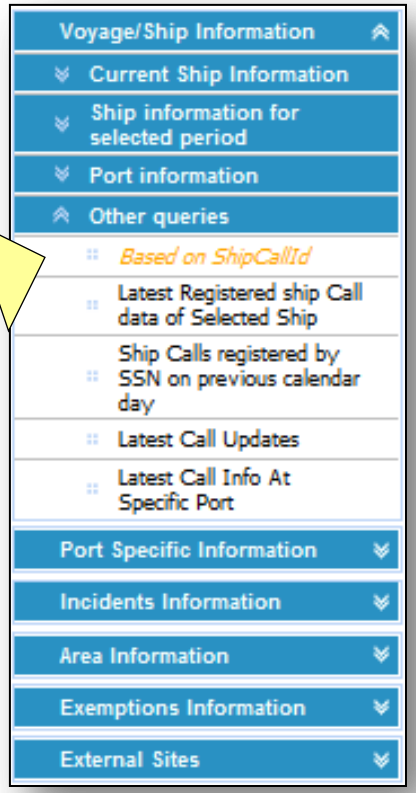
ANNEX – Additional queries

OTHER QUERIES

Based on ShipCall ID

"Show me an identified and consolidated voyage and the related notifications"

Search way



Based on ShipCall ID

Consolidated Voyage part:

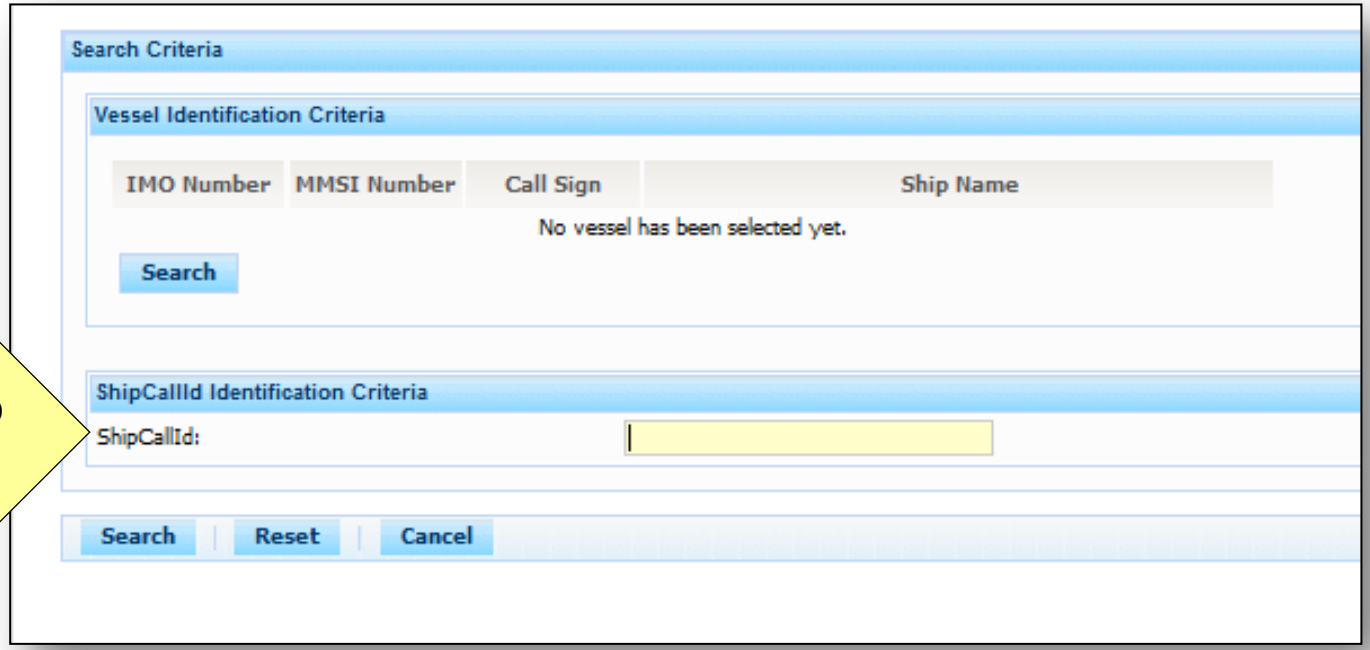
Fetch the consolidated voyage record from the database corresponding to the ShipCallId used as search criterion.

Notifications part:

A table listing all the notifications linked to the voyage. It will include notifications with the same ShipCallId and the one providing the Hazmat information from departing port, if any.

Based on ShipCall ID – Hands-on (1)

1. Indicate ShipCallID and click Search



Based on ShipCall ID – Hands-on (2)

2. See results

Search Criteria

Vessel Identification Criteria

IMO Number	MMSI Number	Call Sign	Ship Name

No vessel has been selected yet.

Search

ShipCallId Identification Criteria

ShipCallId: basedonshipcallid

Search | Reset | Cancel

Consolidated Voyage

Sender	Sent At	ShipCallId	LastPort	Last Call ETD	PortOfCall	Current Call ETA	Current Call ATA	Current Call ETD	Current Call ATD	NextPort	Next Call ETA	View More Details	Get Hazmat Details
Testuser01	2012-10-27 09:42:41	basedonshipcallid	GBSOU	2012-10-26 09:39:37	DEBRV	2012-10-31 09:39:15	2012-11-01 06:40:53	2012-11-01 09:39:44	2012-11-03 09:42:04	PLGDY	2012-11-08 09:42:20		

1 item(s) found, displaying 1 to 1

Notifications

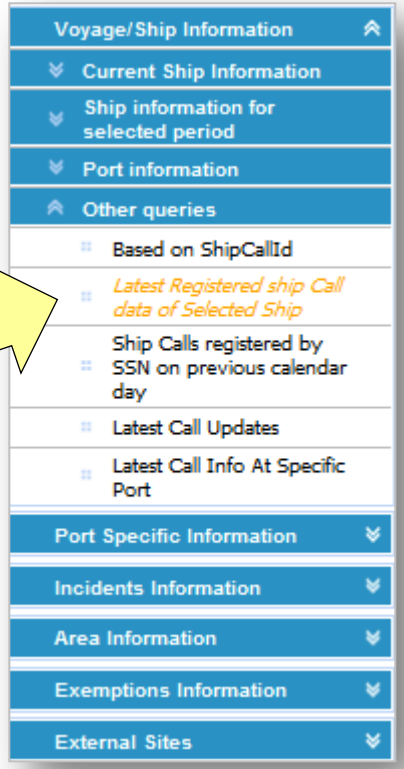
Type	Sender	Sent At	ShipCallId	U.S	LastPort	Last Call ETD	PortOfCall	Current Call ETA	Current Call ATA	Current Call ETD	Current Call ATD	NextPort	Next Call ETA	Hazmat
PortPlus	Testuser01	2012-10-27 09:42:41	basedonshipcallid	U	GBSOU	2012-10-26 09:39:37	DEBRV	2012-10-31 09:39:15	2012-11-01 06:40:53	2012-11-01 09:39:44	2012-11-03 09:42:04	PLGDY	2012-11-08 09:42:20	Yes
PortPlus	Testuser01	2012-10-27 09:41:09	basedonshipcallid	U	GBSOU	2012-10-26 09:39:37	DEBRV	2012-10-31 09:39:15	2012-11-01 06:40:53	2012-11-01 09:39:44				
PortPlus	Testuser01	2012-10-27 09:39:59	basedonshipcallid	N	GBSOU	2012-10-26 09:39:37	DEBRV	2012-10-31 09:39:15		2012-11-01 09:39:44				

3 item(s) found, displaying 1 to 3

Latest Registered Ship Call Data of Selected Ship

"Shows "old" system logic in SSN v2. More for data quality then for operational use"

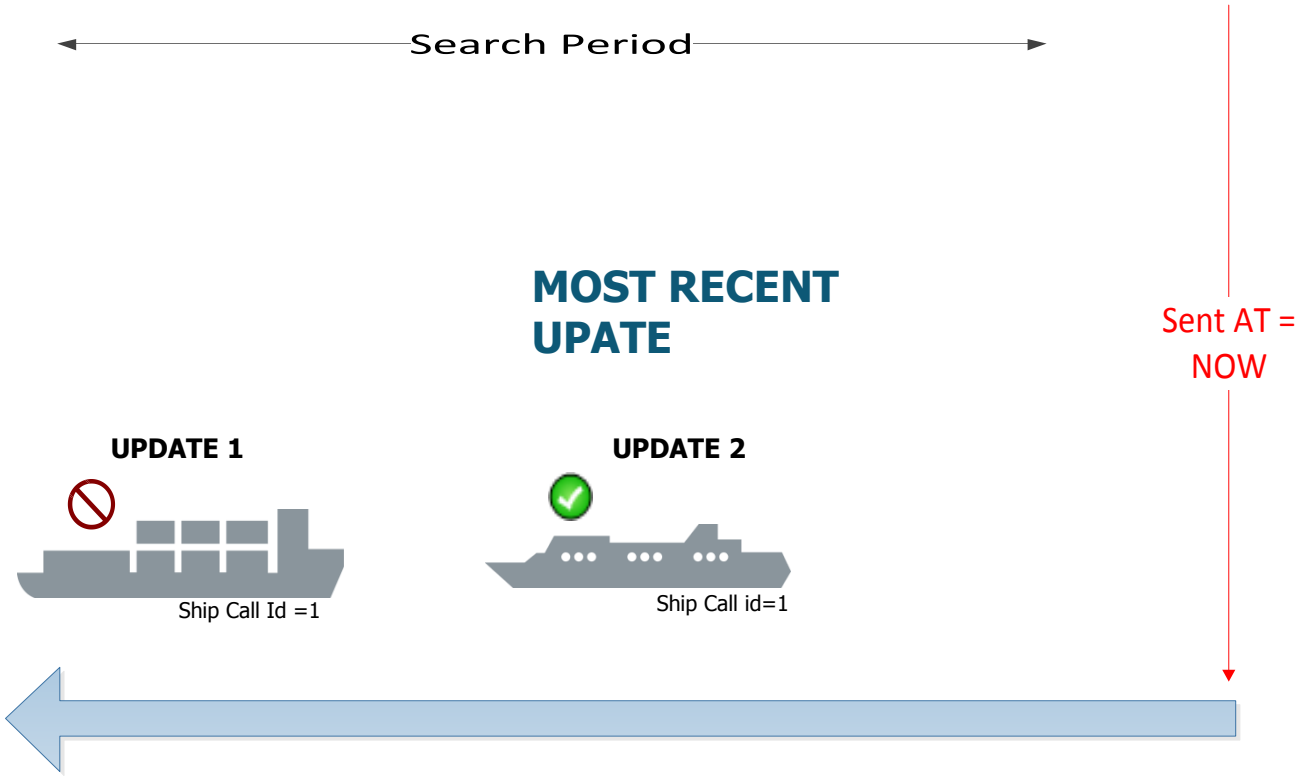
Search way



Latest registered ship call data of selected ship

- **This query return the “latest” ship call on the basis of the “Sent At Time”**
- **Query will provide the ship call which “SentTime” is closest to NOW**
- **Provides HAZMAT details or summary**
- **Mandatory search criteria:**
  - IMO Number or MMSI Number
- **Time period criteria:**
  - Time period criteria is done automatically in the background

Latest registered ship call data of selected ship



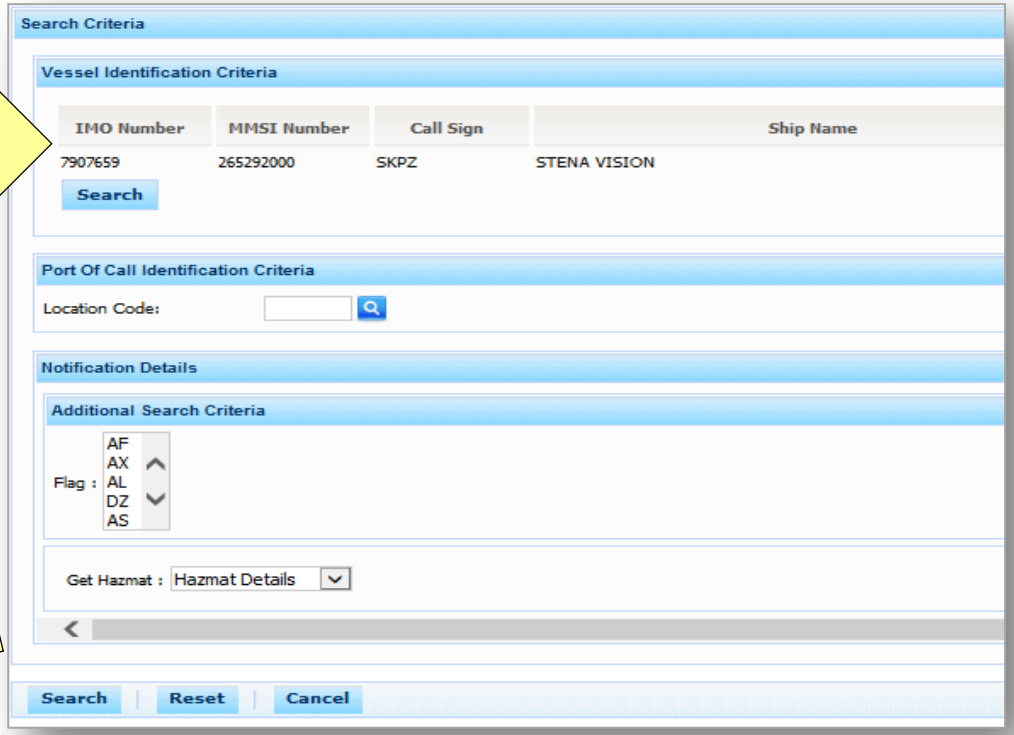
Result of the query: UPDATE 2

Latest registered ship call data of selected ship

1. Search and choose the vessel

2. Click on Search

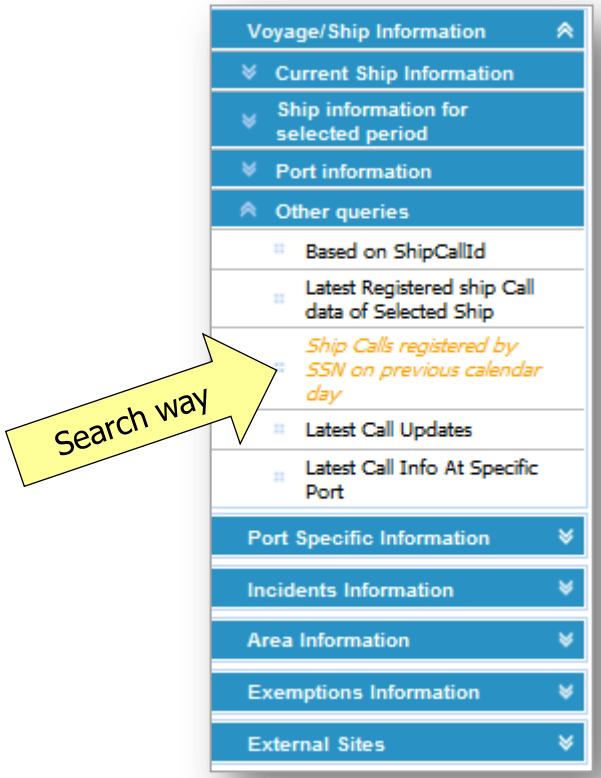
3. See results



Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details
STENA VISION	7907659	265292000	SKPZ	PLGDY	SEKAA		2014-11-19 18:30:00			

Ship Calls Registered by SSN on Previous Calendar Day

"Show me ship calls in a specific port for the day before the selected date"

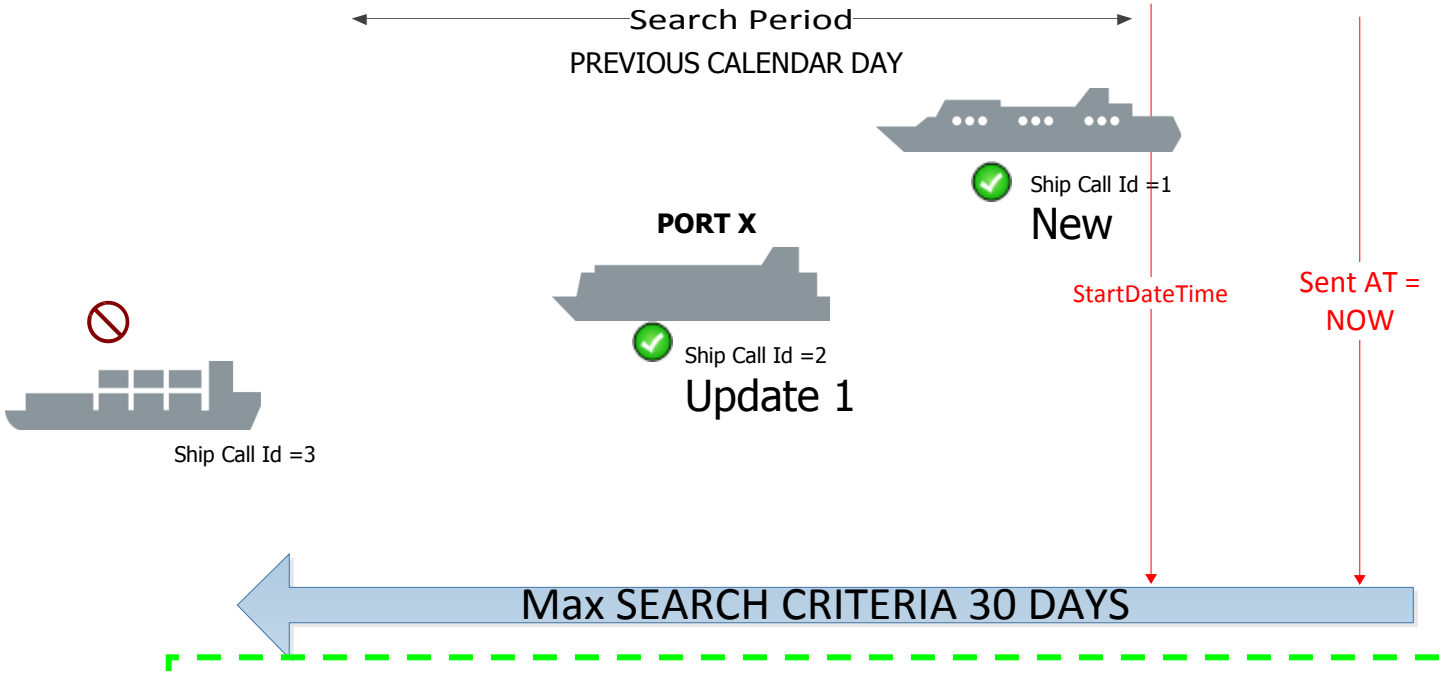


Ship calls registered by SSN on previous calendar day

- **Works in the period starting from "sent at" and 30 days in the past**
- **The query provides a list of data related to all the ship calls registered in SSN within the previous calendar day from the date specified in the StartDateTime attribute**
- **Mandatory time period criteria:**
  - StartDateTime between SentAt and - 30 days
  - EndDateTime does not have to be provided

Ship calls registered by SSN on previous calendar day

Note: This query works for previous calendar day from the date set



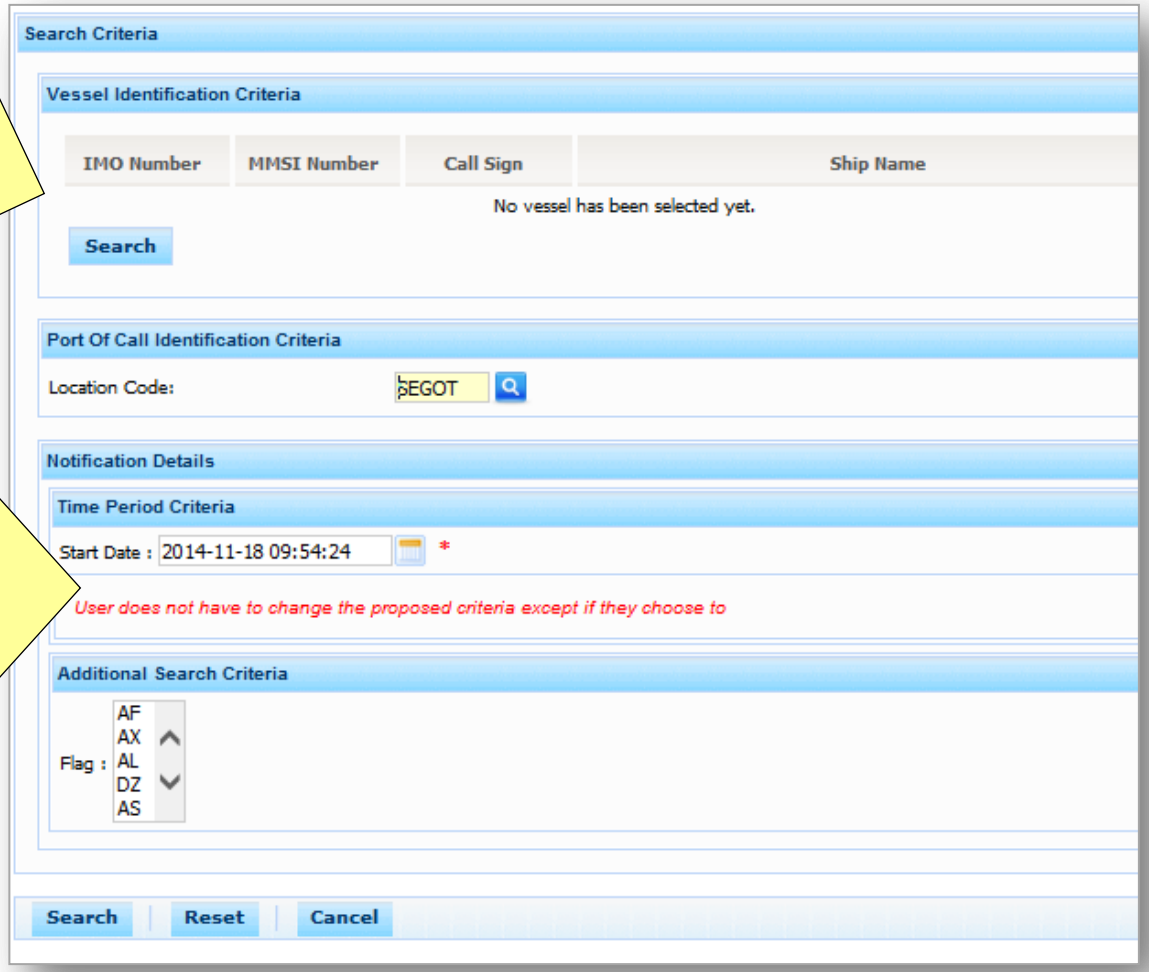
Result of the query: New + UPDATE 1

Ship calls registered by SSN on previous calendar day Hands-on (1)

1. Insert EU port location code

2. Change Time Period Criteria if the 30-days backwards search should start another date

3. Click on Search



Ship calls registered by SSN on previous calendar day Hands-on (2)

4. See result of the query

Search Results

Ship Nam	IMO Number	MMSI Number	Call Sig							View More Details
ANDREA	9333357	236481000	ZDIS8							
ANGON	9131199	265882000	SIRG							
ASTINA	9320063	266220000	SHZA				03:00:00			
BEGONIA SEAWAYS	9262089	219437000	OWKM2	SEGOT	GBIMM	2014-11-19 05:00:00	2014-11-20 07:00:00			
CONMAR GULF	9341964	235095162	2FXW4	SEGOT	NLRTM	2014-11-16 15:00:00	2014-11-18 03:00:00	2014-11-18 05:04:00	2014-11-18 22:00:00	
FICARIA	9320568	220464000	OVQW2	SEGOT	GBIMM	2014-11-20 05:00:00	2014-11-21 07:00:00			
		265581970	SEXJ	SEGOT	SEMMA		2014-11-19 12:00:00			
		219435000	OWKQ2	SEGOT	BEGNE	2014-11-19 13:00:00	2014-11-20 19:00:00			
		248374000	9HA2339	SEGOT	NOTON		2014-11-18 15:00:00	2014-11-18 17:25:00	2014-11-18 17:26:00	
		311571000	C6TB8	SEGOT	NOOSL	2014-11-15 08:00:00	2014-11-18 06:00:00	2014-11-18 07:14:00		

Note: Some vessels will appear twice because there were updates sent for the ship call e.g. change of ETA. User can track all those changes.

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: phics2010_175310
Last Port : NLRTM
ETD From Last Port :
Port Of Call : PLGDY
ETA To PortOfCall : 2011-01-30 06:00:00
ETD From PortOfCall : 2011-01-30 22:00:00
Next Port :
ETA To NextPort :
Position in port of call :

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 14

Arrival Notification Details

ATA to Port Of Call : 2011-01-30 04:24:00
Anchorage :

Departure Notification Details

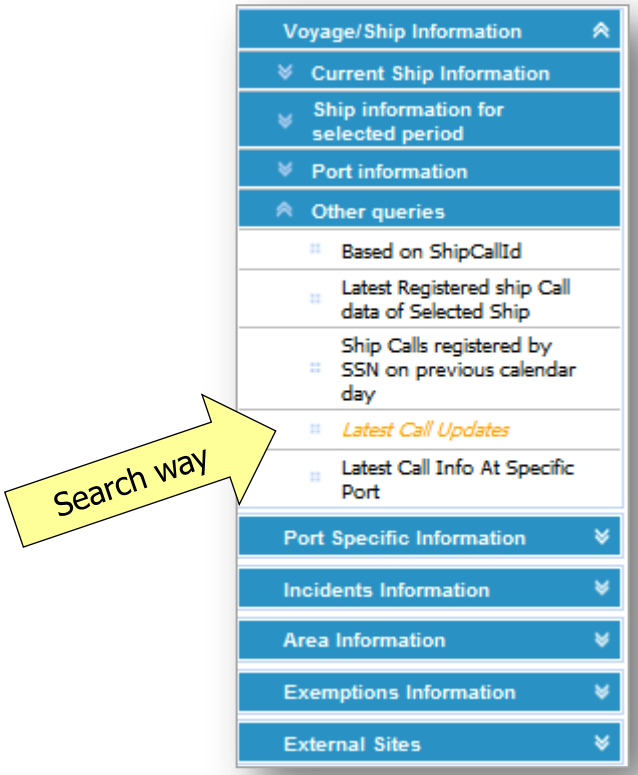
ATD Port Of Call :

Hazmat Confirmation

5. Click on View More Details to see more information

Latest Call Updates

"Show me all updates in a port within the last 24 hrs"



Latest call updates

- **Works within last PREVIOUS 24 HOURS**
- **The query provides a list of data related to all ship calls in a port registered in SSN (respectless of operational data included in the ShipCall, ETAs, ATD, ATA, etc) within the time window and for a period specified between *StartDateTime* and *EndDateTime* attributes.**
- **Mandatory search criteria:**

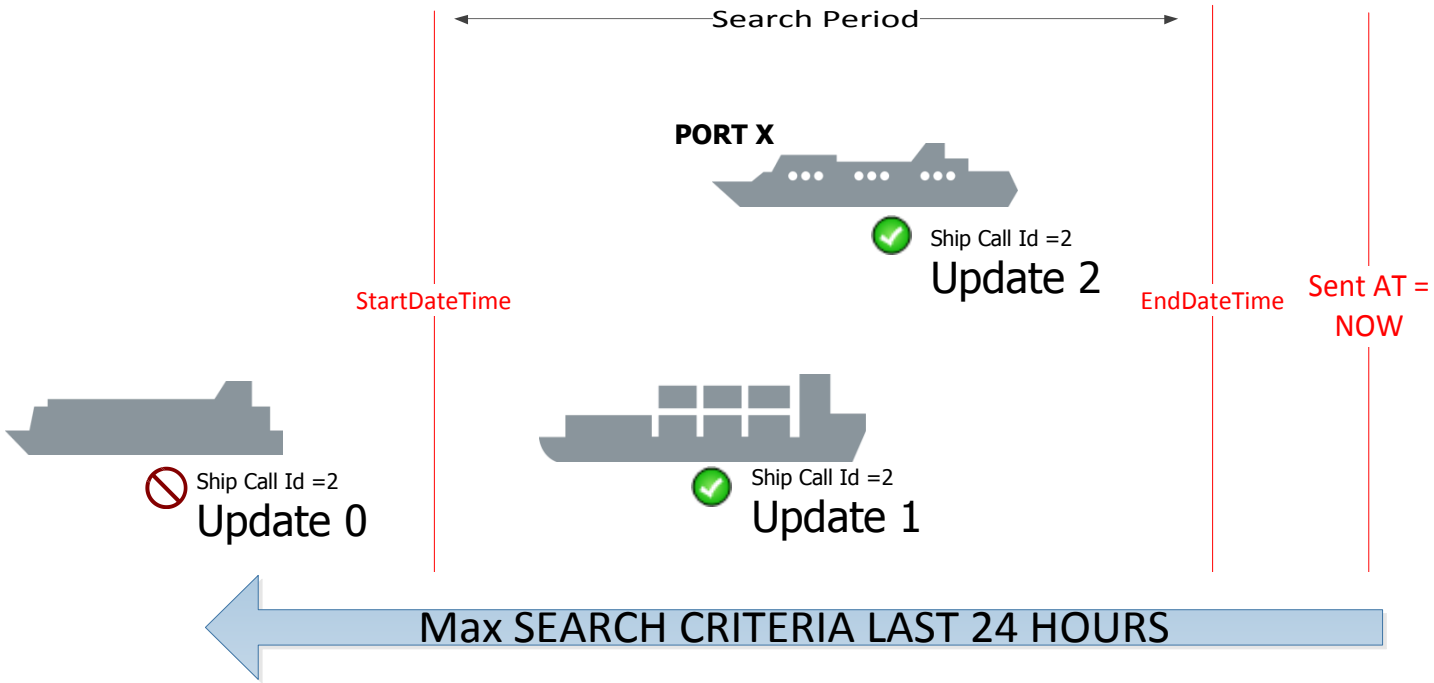
  n.a.
- **Time period criteria:**

  StartDateTime and EndDateTime between NOW and - 1 day

  StartDateTime <= EndDateTime

Note: The time period relation is different then for the rest of the queries.

Latest call updates

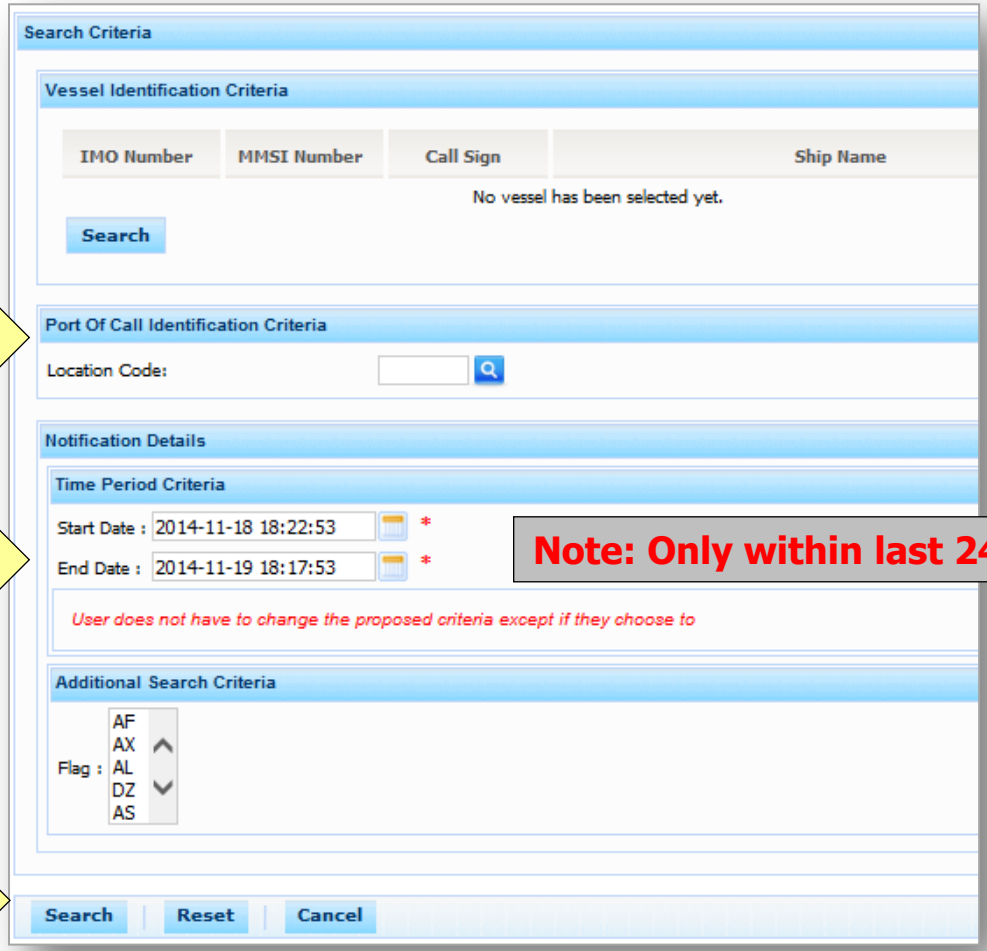


Latest call updates

1. If needed, insert EU port location

2. Change Time Period Criteria if needed

3. Click on Search



Note: Only within last 24 hours

Latest call updates
Hands-on

4. See call updates

Search Results

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details
BALTIC SUN II	9286059	215795000	9HAP8	SEOXE	BEANR		2014-11-21 13:00:00			
EIRA	9225299	230935000	OJJP	SEOXE	SELLA		2014-11-19 13:00:00	2014-11-19 12:48:00		
FREJ	9101156	304010515	V2AF7	SEOXE	SEVST	2014-11-20 15:00:00	2014-11-20 19:00:00			
FRI BREVIK	9190183	236241000	ZDGE8	SEOXE	NOBGO		2014-11-18 07:00:00	2014-11-18 07:48:00	2014-11-18 22:13:00	
		000	5BSM3	SEOXE	SEKAF		2014-11-22 08:00:00			
		000	SEBR	SEOXE	NLRTM		2014-11-19 04:00:00			
		000	SECN	SEOXE	NLRTM		2014-11-26 04:00:00			
		000	ZDHH4	SEOXE	FITOR		2014-11-23 05:00:00			
		000	9HA2729	SEOXE	GBSOU		2014-11-19 07:00:00	2014-11-19 08:08:00		
		000	PBDL	SEOXE	IEGRN		2014-11-16 16:30:00	2014-11-16 16:09:00		

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: 4CC6FC9
Last Port : NOBGO
ETD From Last Port :
Port Of Call : SEOXE
ETA To PortOfCall : 2014-11-18 07:00:00
ETD From PortOfCall : 2014-11-19 13:00:00
Next Port :
ETA To NextPort :
Position in port of call :

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 7

Arrival Notification Details

ATA to Port Of Call : 2014-11-18 07:48:00
Anchorage :

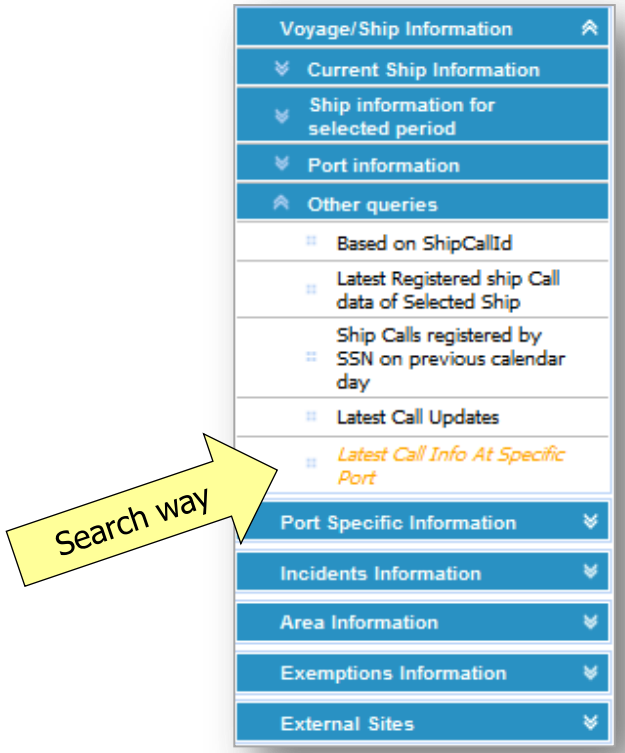
Departure Notification Details

ATD Port Of Call : 2014-11-18 22:13:00

5. Click on View More Details to see more information

Latest Call Info at Specific Port

"Show me all updates of Port + within selected period of time for the selected port"



Latest call info at specific port

- **Works within last PREVIOUS 24 HOURS**
- **The query provides a list of data related to all ship calls registered in SSN (respectless of operational data included in the ShipCall, ETAs, ATD, ATA, etc) within the time window for a specific port and for a period specified between *StartDateTime* and *EndDateTime* attributes.**
- **Mandatory criteria:**

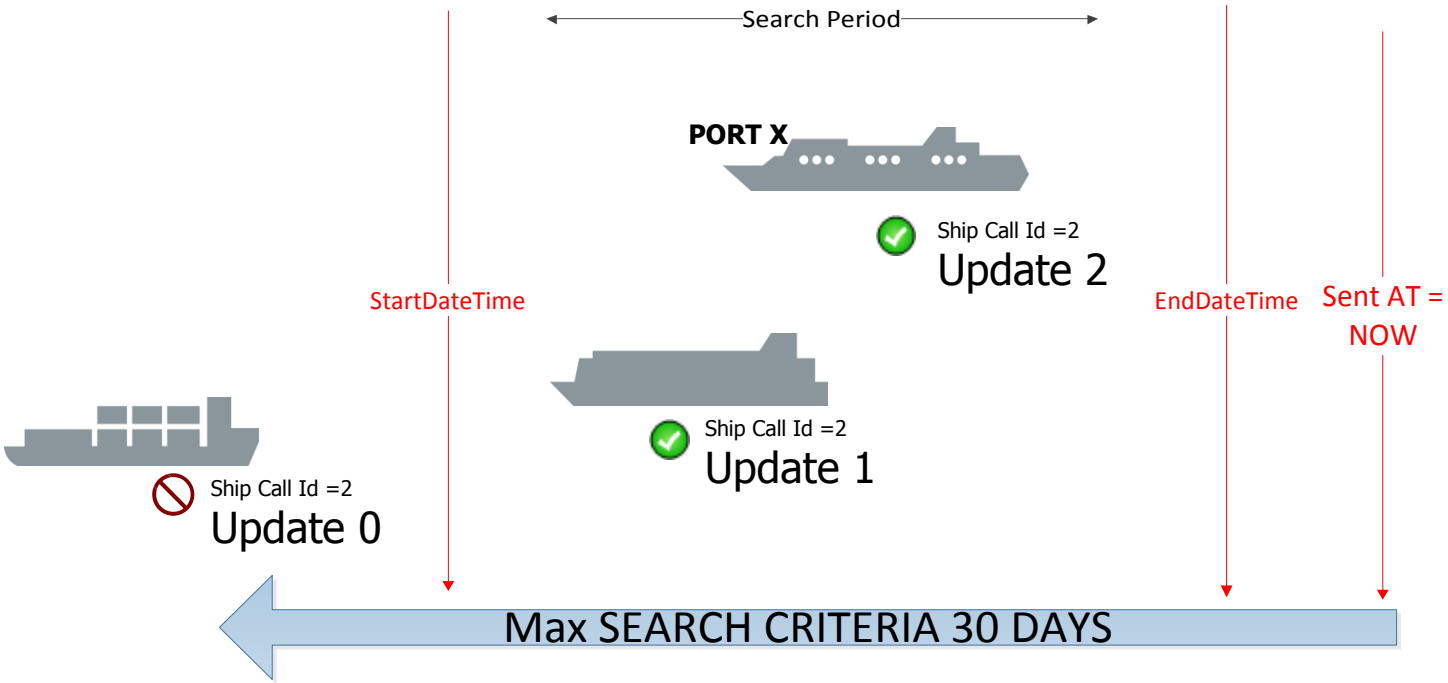
  Location code of the ship call
- **Time period criteria:**

  StartDateTime and EndDateTime between SentAt (NOW) and - 1 day

  StartDateTime <= EndDateTime

Note: The time period relation is different then for the rest of the queries.

Latest call info at specific port



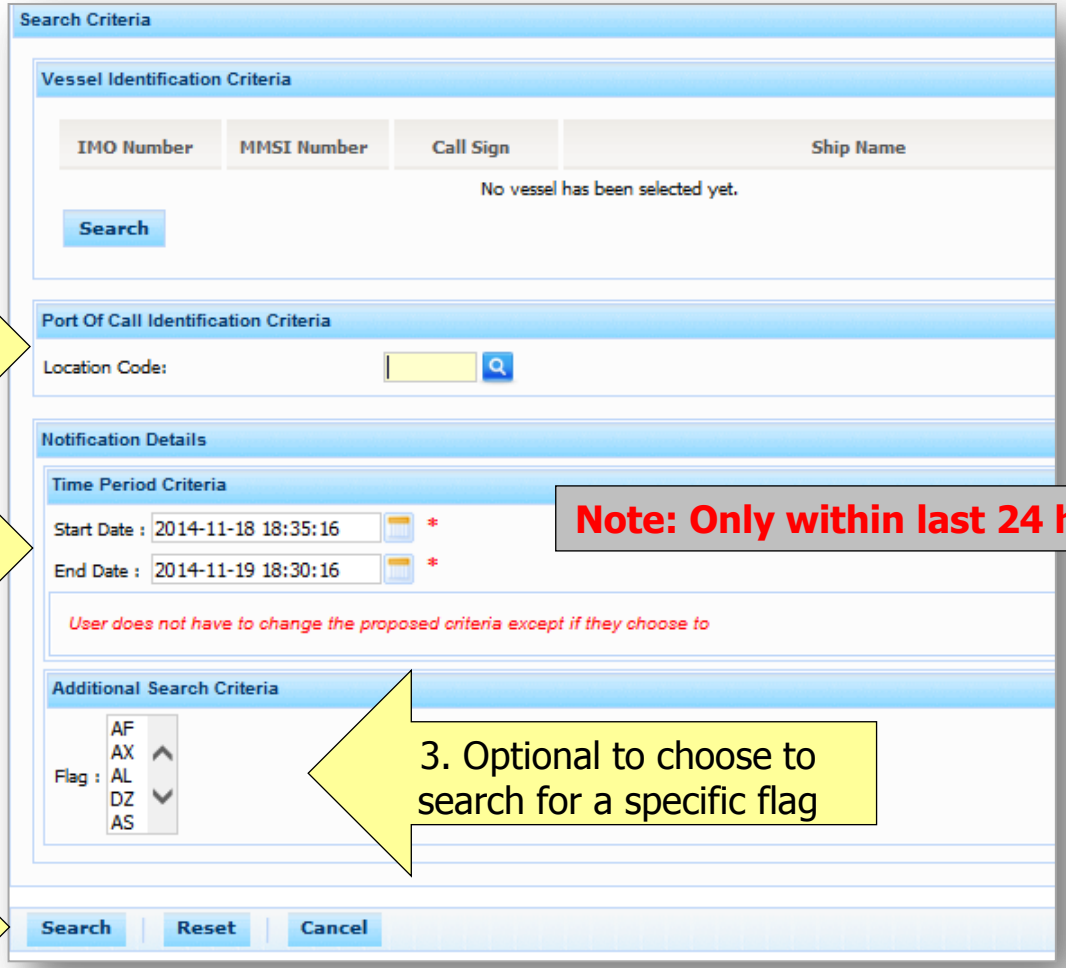
Latest call info at specific port
Hands-on (1)

1. Insert EU port location

2. Change Time Period Criteria if needed

3. Optional to choose to search for a specific flag

4. Click on Search



Note: Only within last 24 hours

Latest call info at specific port
Hands-on (2)

5. See search results

Search Results

1 2 3 4 5 6 7 8 9

Ship Name	IMO Number	MMSI Number	Call Sign	Port of Call	Last Port	Last Call ETD	Current Call ETA	Current Call ATA	Current Call ATD	View More Details
	9373527	235056239	MTNU5	GBLON	FRBOD		2014-11-17 19:20:00	2014-11-17 19:47:12		
	9195535	236452000	ZDIK4	GBLON	GBBEL		2014-11-22 21:00:00			
	9195640	236453000	ZDIK5	GBLON	GBBEL		2014-11-17 19:00:00	2014-11-17 19:30:00	2014-11-19 05:49:45	
AASHEIM	9247106	236598000	ZDKD8	GBLON	GBPTB		2014-11-18 22:15:00	2014-11-18 22:30:54	2014-11-19 15:54:23	
AASLI	9060778	236597000	ZDKD7	GBLON	GBPTB		2014-11-22 09:00:00			
		0	9HJQ9	GBLON	ESALG		2014-11-19 19:30:00			
		0	GGNN	GBLON			2014-11-18 16:00:00	2014-11-18 16:25:53	2014-11-19 03:51:56	
		0	MKXH8	GBLON			2014-11-19 14:30:00	2014-11-19 13:03:42		
		0	MHWW8	GBLON	FRIRK		2014-11-20 09:00:00			
		7	V2AC6	GBLON	DEHAM		2014-11-20 23:00:00			

Port Plus Notification Details Excluding Hazmat Info

Voyage Information

Ship Call Id: c01450e2-f579-48ef-b617-bf685f8e8a1d
Last Port : FRIRK
ETD From Last Port :
Port Of Call : GBLON
ETA To PortOfCall : 2014-11-20 09:00:00
ETD From PortOfCall : 2014-11-21 00:00:00
Next Port :
ETA To NextPort :
Position in port of call : CIVIL MARINE

3 Days Pre Arrival

Possible anchorage :
Planned Operations :
Planned Works :
Ship Configuration :
Cargo Volume Nature :
Condition Cargo Ballast Tanks :

24 Hours Pre Arrival

POB voyage towards Port Of Call : 11

Arrival Notification Details

ATA to Port Of Call :
Anchorage :

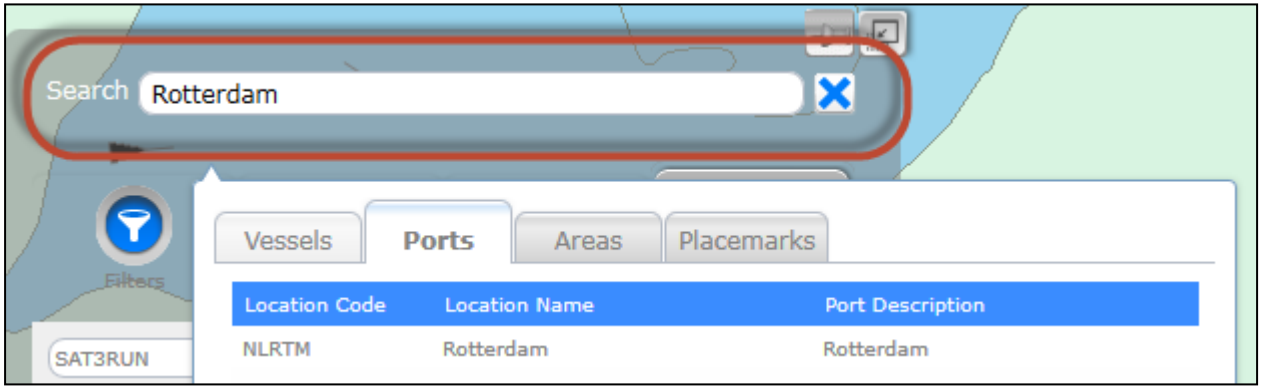
Departure Notification Details

ATD Port Of Call :

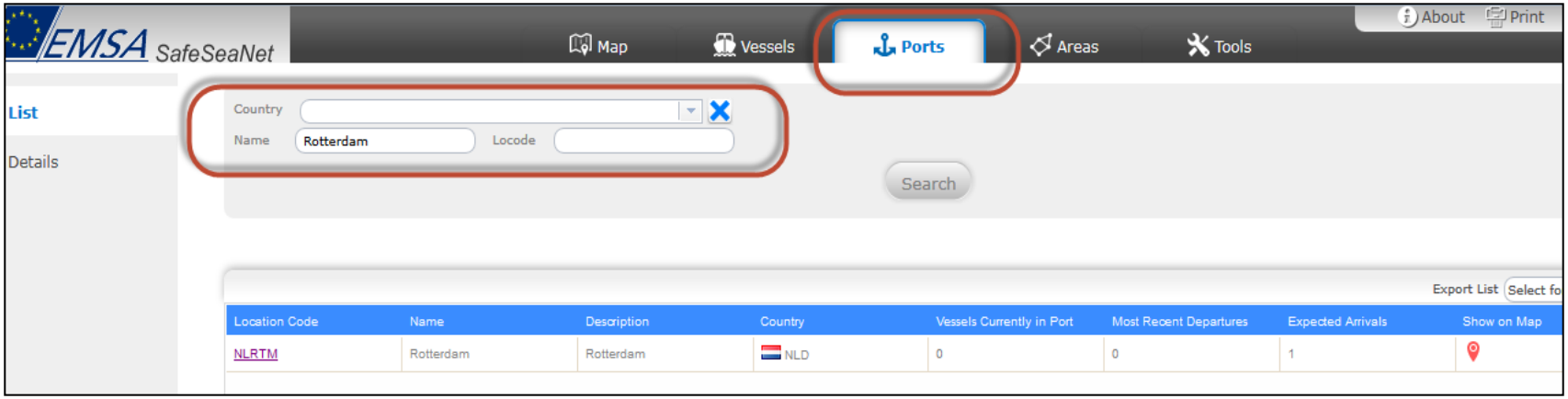
6. Click on View More Details to see more information

Port data

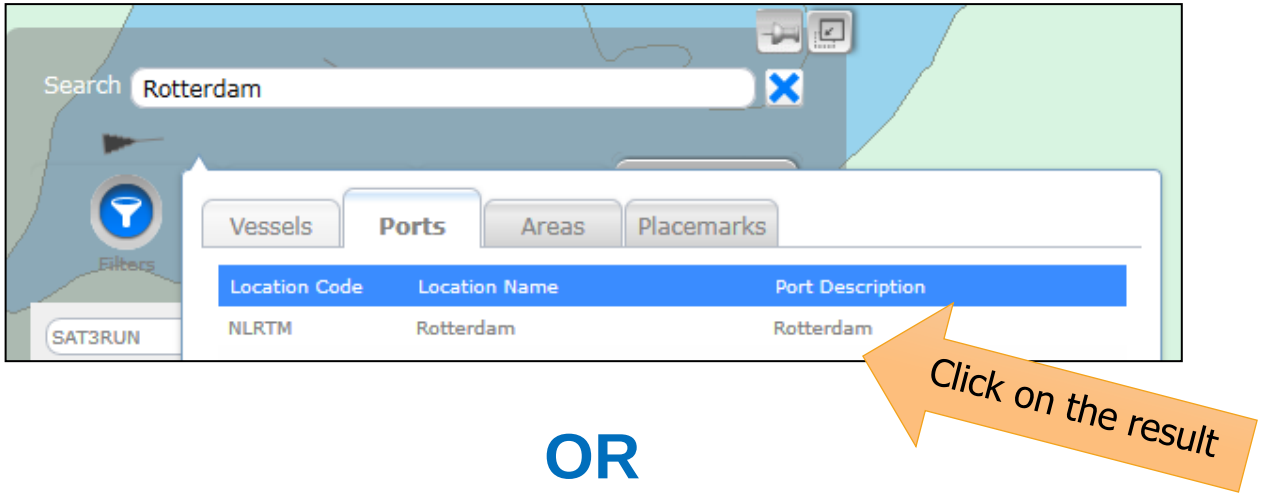
How to search for a specific port?



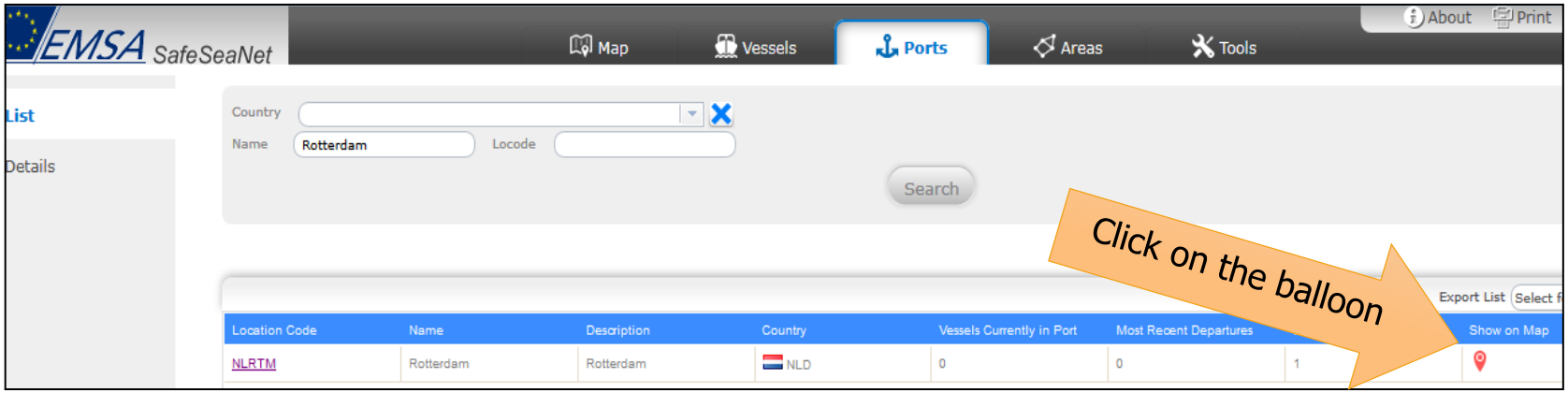
OR



How to display the specific port on map?



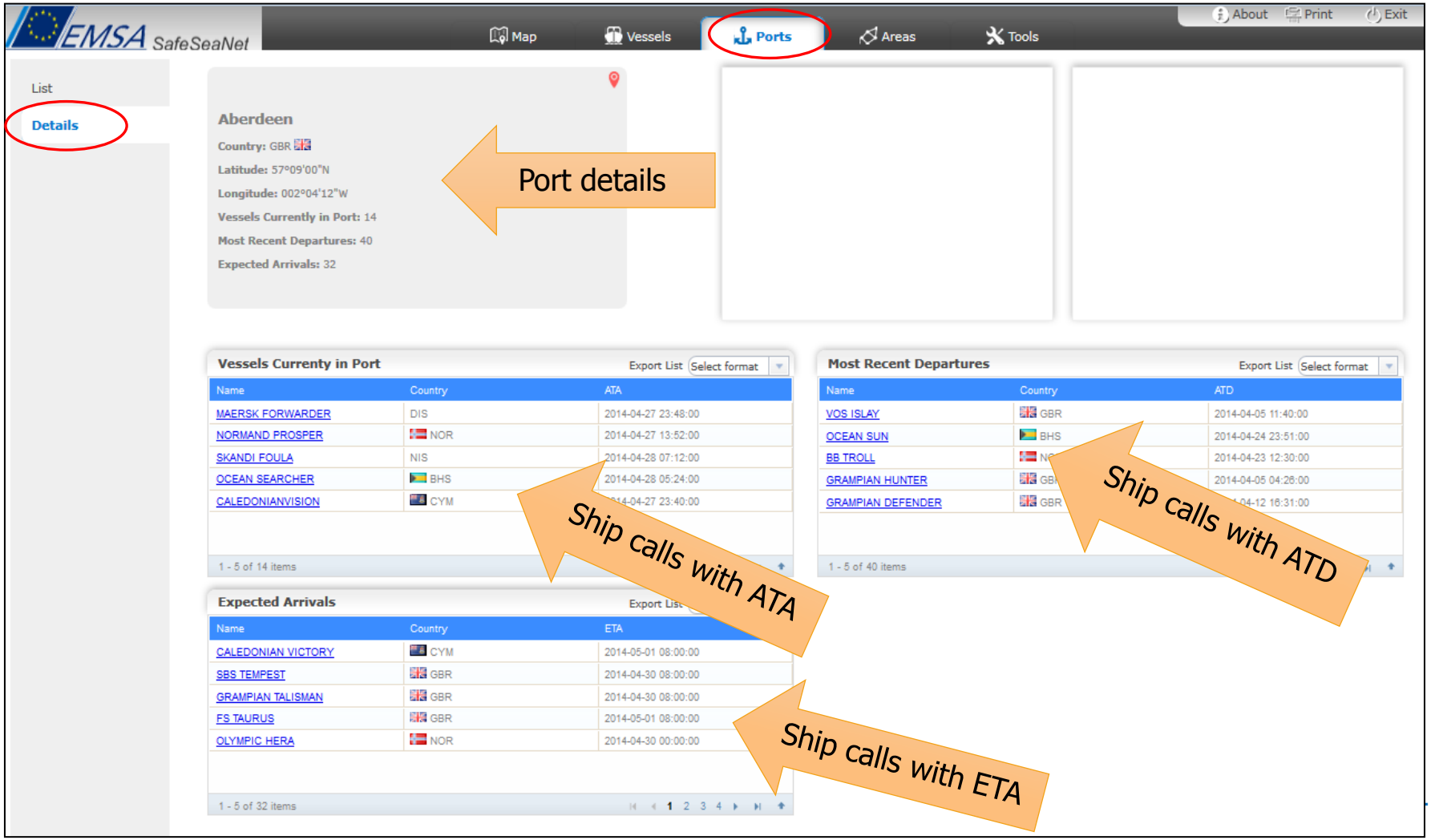
OR



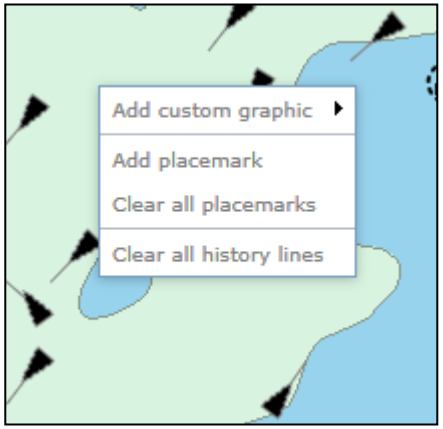
How to display the specific port on map?

Port data

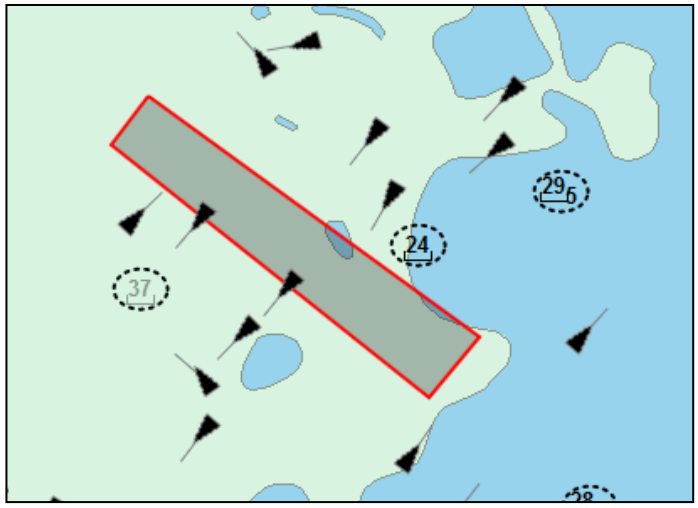
How to display information about the traffic in the specific port?



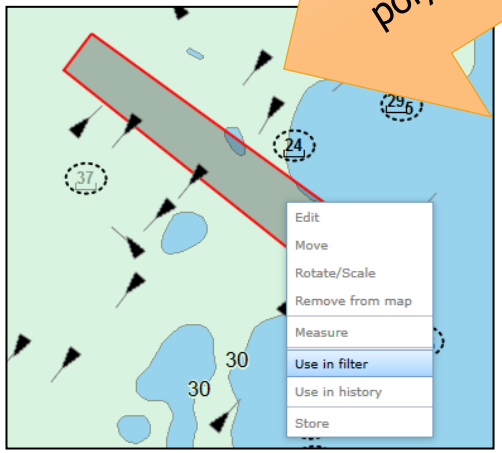
Setup an alerting area and get a warning and even e-mail for passing vessels



1. Right click on map and choose Add custom graphic

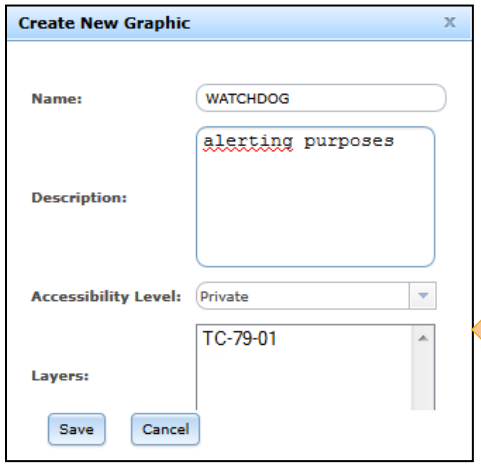


2. Draw polygon or line of your interest

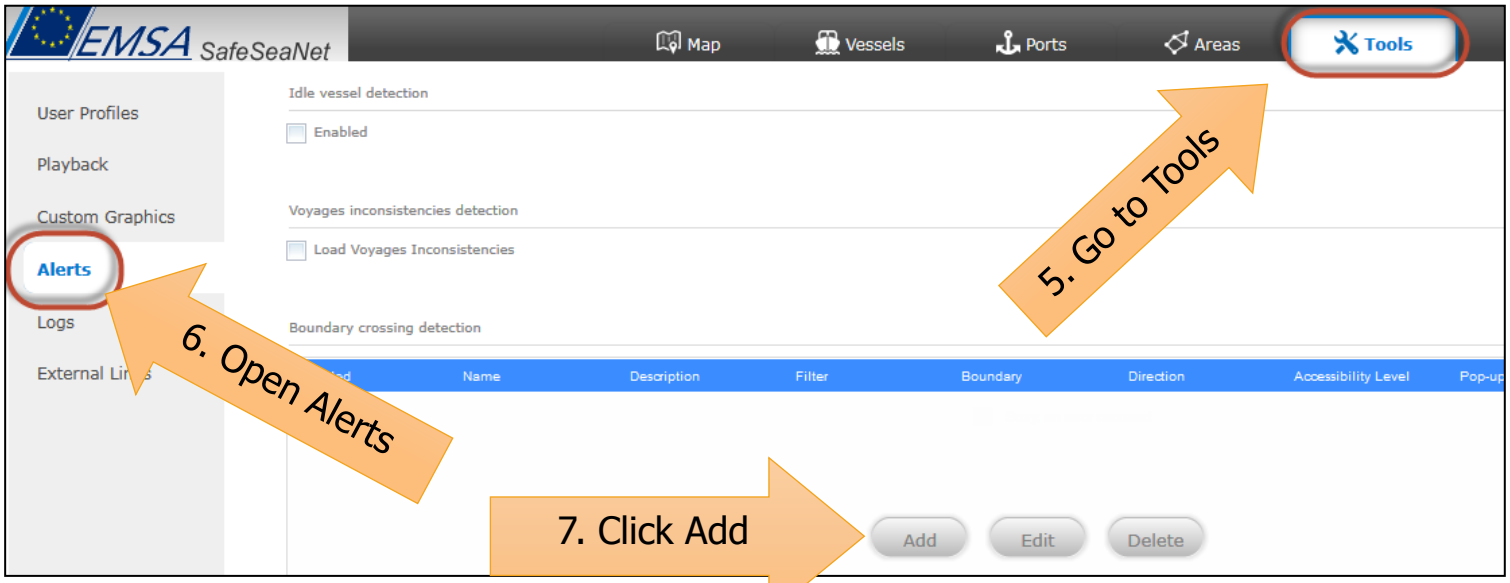


3. Right click on the polygon and choose Store

Watchdog functionalities



4. Fill in the fields and click on Save



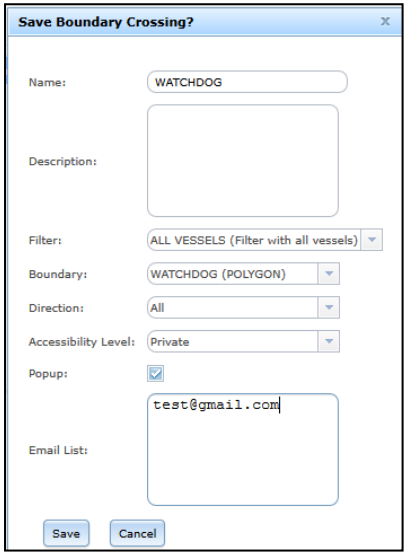
5. Go to Tools

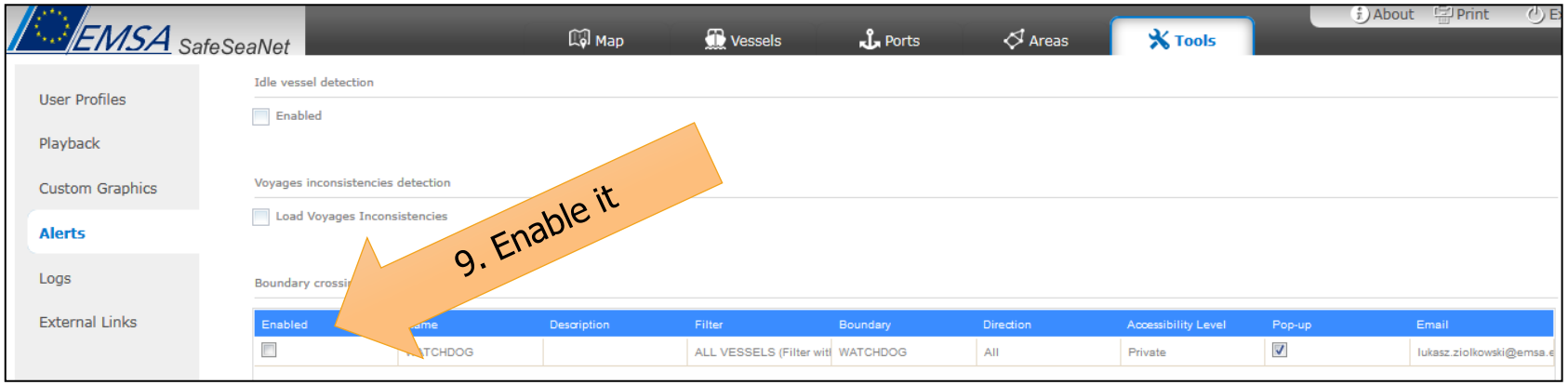
6. Open Alerts

7. Click Add

Watchdog functionalities

8. Set up your Watchdog and Save it





9. Enable it

Watchdog functionalities

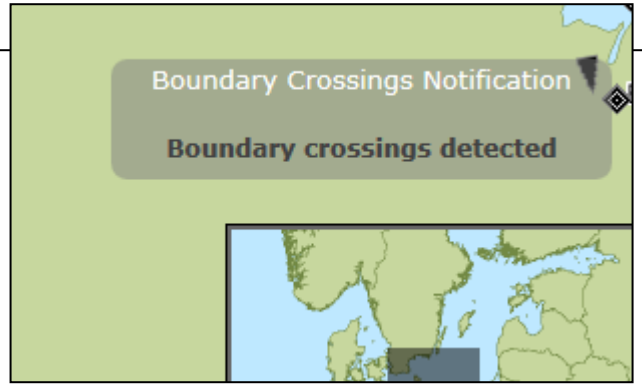
E-mail with the warning

From: Safe-Sea-Net@emsa.europa.eu
To:
Cc:
Subject: [SSNv2 WARNING] Warning for watchdog "WATCHDOG"

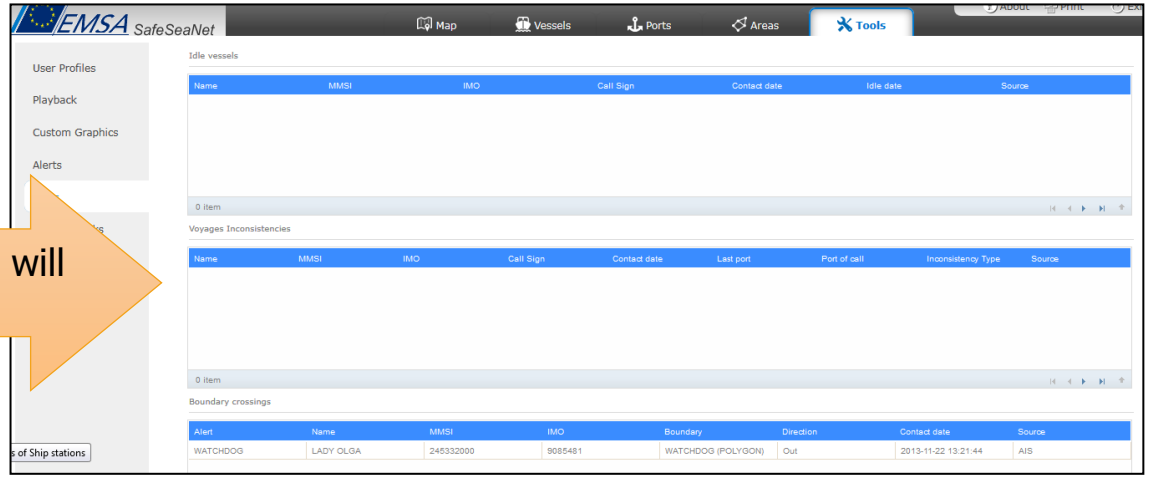
This is an automatic message.
A warning has been detected for watchdog "WATCHDOG" at time: Fri Nov 22 14:16:52 GMT 2013.

1 vessels have originated the warning:
- MMSI: 245332000

Pop-up window



The list of passing vessels will be updated



EMSA

Playback functionalities

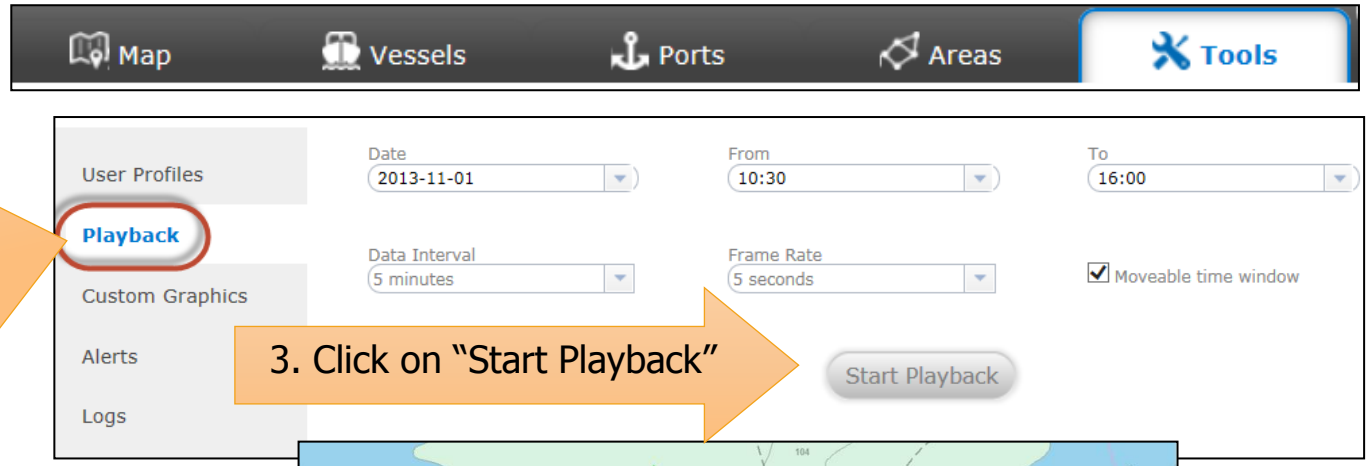
Search for the historical vessel movements and display them on the map

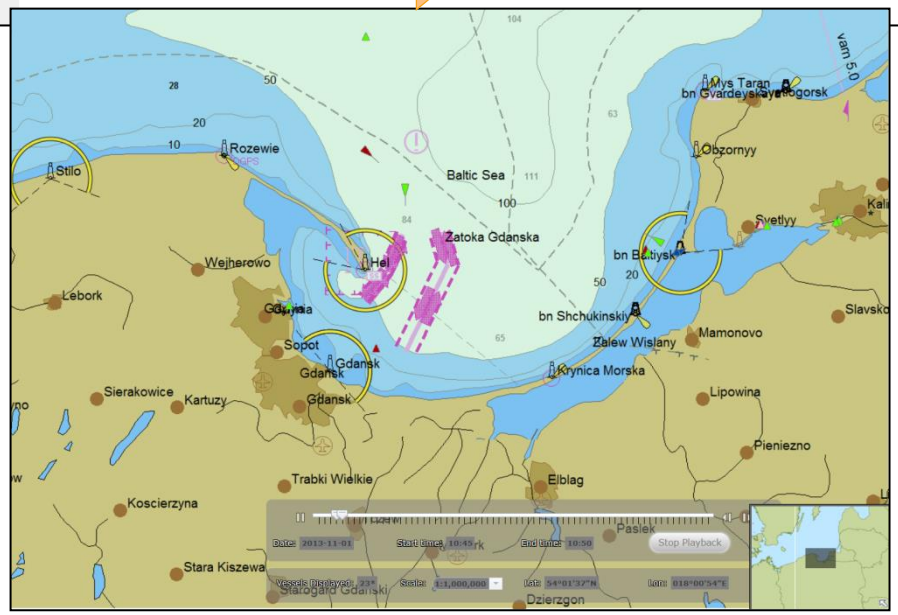
1. Go to Tools Tab

2. Click on "Playback" and set the criteria

3. Click on "Start Playback"

4. Historical movements displayed on the map





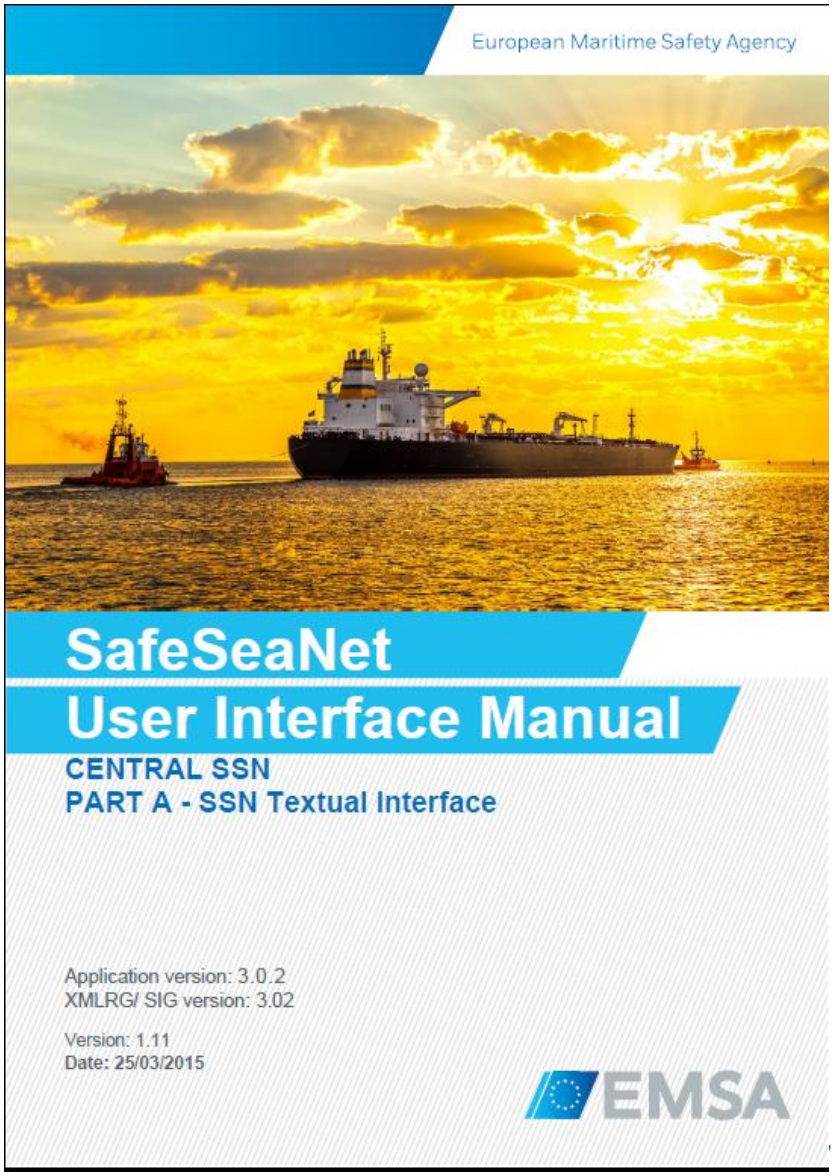
SSN User Interface Manual

Need any further user guidance on SSN?

Please consult the
SSN User Interface Manual

Download at:

http://emsa.europa.eu/ssn-main/documents/technical-documentation.html



EMSA