



Sending data to Central SSN

EU vessel traffic monitoring and information

Awareness Course on SafeSeaNet version 5

Department 3: Digital Services & Simplification

Unit 3.3: Simplification

Lisbon / 23 May 2022



1. National Single Window (NSW)

- Reporting information from the shipping industry
- Link NSW with national and central SSN to exchange information between MSs

2. PortPlus General overview

3. Incident Reports

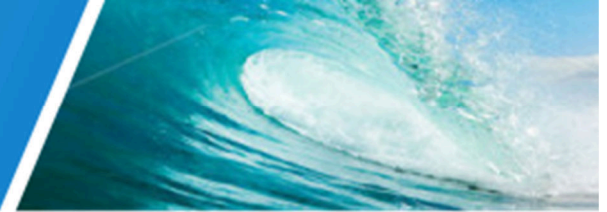


1. National Single Window (NSW)



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

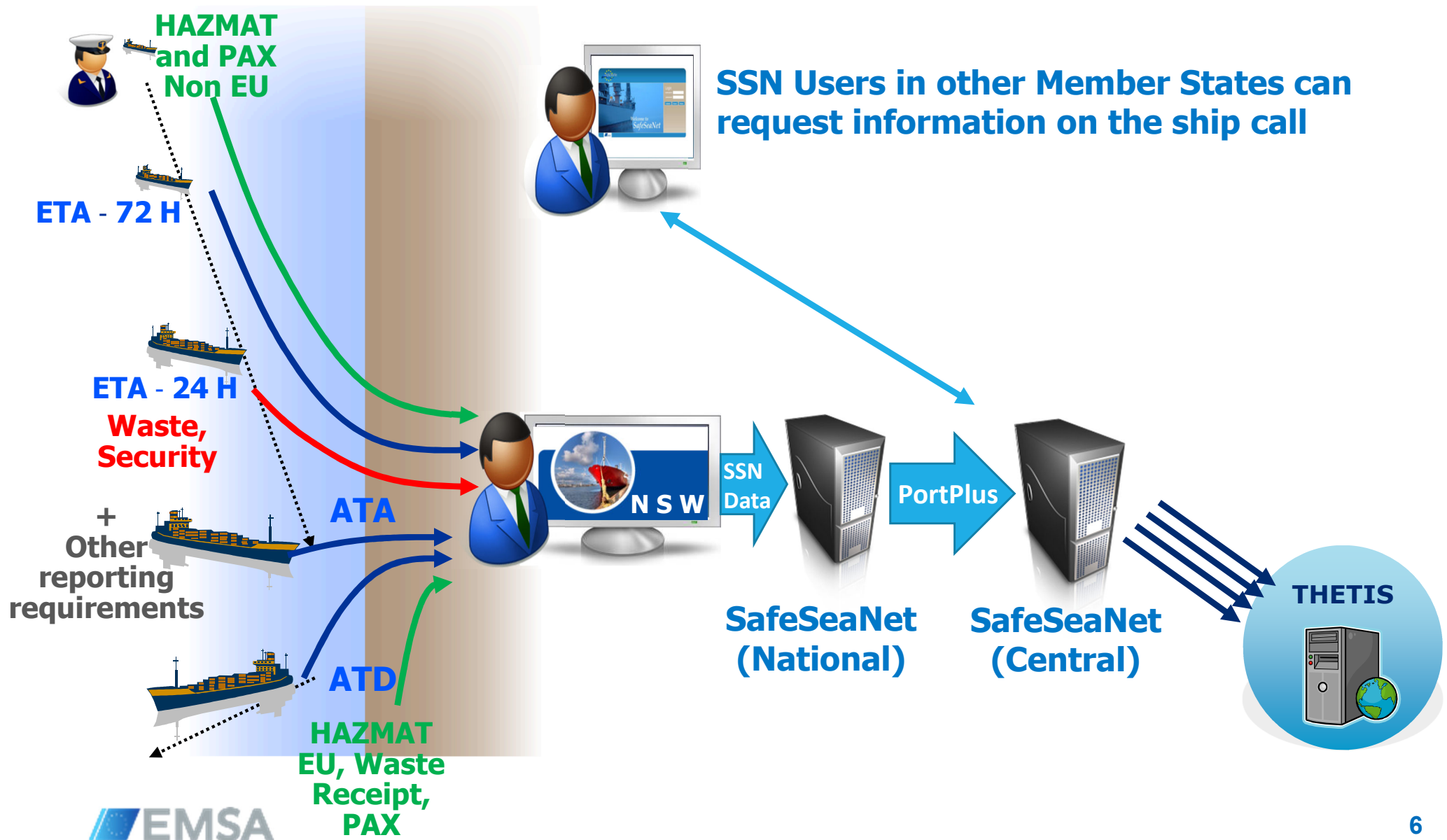
► This applies to the following reporting formalities:

- ☐ **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)
- ☐ **Security** - Notification of security information (Article 6 of Regulation (EC) No 725/2004)
- ☐ **Arrival and Departure** - Article 24.2 of Directive 2009/16/EC and **Article 13.2 (a) of Directive (EU) 2019/883**
- ☐ **Waste** - Advance waste notification (Article 6 of Directive EU 2019/883)
- ☐ **Waste Receipt** - Waste delivery receipt (Article 7 of Directive EU 2019/883)
- ☐ **Information on persons on board** – Article 4(2) and 5(2) of Directive 98/41/EC

New !

Sending data to Central SSN

Link NSW with national and central SSN





2. PortPlus General overview

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<ul style="list-style-type: none">➤ IMO Number *➤ MMSI Number *➤ Call Sign➤ Ship Name➤ Flag <p>* IMO or MMSI mandatory</p>												

Sending data to Central SSN



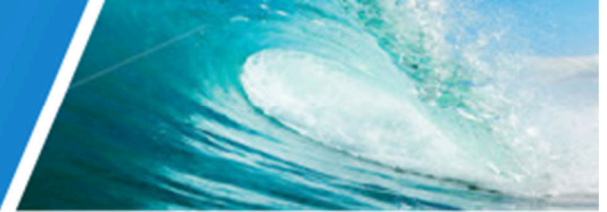
Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<div><div><div>➤ Gross Tonnage</div><div>➤ Ship Type</div><div>➤ Inmarsat Call Number</div><div>➤ Certificate of Registry<ul style="list-style-type: none">• Certificate Number• Issue Date• Port of Registry</div></div><div><div>➤ Company<ul style="list-style-type: none">• Company Name• IMO Company Nr</div></div></div>												

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h			
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<ul style="list-style-type: none">➤ Ship Call Id *➤ Port of Call *➤ Position in Port of Call➤ Port Facility➤ ETA (!)➤ ETD (!)➤ Brief Cargo Description➤ Purpose of Call		<ul style="list-style-type: none">➤ Last Port *➤ ETD From Last Port *** Mandatory if Waste or Crew/Pax on arrival** Mandatory if Crew/Pax on arrival➤ Next Port ***➤ ETA to Next Port ****** Mandatory if Waste or Hazmat or Bunkers or Crew/Pax on departure provided					

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h			
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<ul style="list-style-type: none">➤ Possible Anchorage➤ Planned Operations➤ Planned Works➤ Ship Configuration➤ Cargo Volume Nature➤ Condition Cargo Ballast Tanks							

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<p>▶ Nr of Persons on Board for Voyage towards Port of Call *</p> <p>* Mandatory</p>												

Sending data to Central SSN

Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h			
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<ul style="list-style-type: none"> ➔ Hazmat on Board (Y/N) * ➔ INF Ship Class ➔ DG Classification ➔ Cargo Manifest (document or contact details without personal data) <p>* Mandatory</p> <div> <p>Consignments:</p> <ul style="list-style-type: none"> ➔ Transport Document ID ➔ Port of Loading ➔ Port of Discharge </div>			<p>DPG items:</p> <ul style="list-style-type: none"> ➔ 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 	<p>Packaged:</p> <ul style="list-style-type: none"> ➔ Transport Unit ID * ➔ Location on Board * ➔ Nr of Packages ➔ Quantity Gross ➔ Quantity Net <p>Or</p> <p>Bulk:</p> <ul style="list-style-type: none"> ➔ Location on Board * ➔ Nr of Packages ➔ Quantity Gross ➔ Quantity Net 			

Hazmat details available on Request/Response

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<div><div><p>➤ Crew and Pax (Y/N) *</p><p>➤ Number of Crew</p><p>➤ Number of Passengers</p><p>* Mandatory</p></div><div><p>Crew information:</p><p>➤ Last name *</p><p>➤ First name *</p><p>➤ Nationality *</p><p>➤ Date of birth *</p><p>➤ Gender *</p><p>Passenger information:</p><p>➤ Last name *</p><p>➤ First name *</p><p>➤ Nationality *</p><p>➤ Date of birth *</p><p>➤ Gender *</p><p>➤ Special care or assistance</p><p>➤ Emergency contact number</p></div></div> <div>Crew and Pax details available on Request/Response</div>												

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h				
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers	
<ul style="list-style-type: none">➤ Last Port Delivered➤ Last Port Delivered Date➤ Next Port of Delivery <p>* Mandatory</p>			<p>Waste items:</p> <ul style="list-style-type: none">➤ 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					

Sending data to Central SSN

Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h			
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<div><div><p>➤ Current Security Level *</p><p>➤ Agent in Port at Arrival (contact details)</p><p>* Mandatory</p><p>Security details:</p><ul style="list-style-type: none">➤ Valid ISSC (Y/N) *➤ Reason for no Valid ISSC➤ ISSC details➤ Approved Security Plan *➤ Security Related Matter to Report➤ CSO (contact details) *</div><div><p>List of last 10 calls at port facilities:</p><ul style="list-style-type: none">➤ Port *➤ Port Facility *➤ Date Arrival / Departure *➤ Security Level *➤ Additional Security Measures<p>List of ship-to-ship activities:</p><ul style="list-style-type: none">➤ Location (Locode, Name or Lat/Long) *➤ Date From / To *➤ Ship-to-ship activity *➤ Security Measures</div></div>							

Security details available on Request/Response

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h			
Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers

- ▶ ATA Port of Call *
- ▶ Anchorage

* **Mandatory**

Note:

Changes in the scope, in addition to vessels under PSC (Article 24.2 of Directive 2009/16/EC) now is also **extended to all vessels under scope of VTMISS Directive** (by Article 13.2 (a) of Directive (EU) 2019/883)

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<p>▶ ATD Port of Call *</p> <p>▶ Nr of Persons on Board for Voyage towards Next Port</p> <p>* Mandatory</p> <p>Note: Changes in the scope, in addition to vessels under PSC (Article 24.2 of Directive 2009/16/EC) now is also extended to all vessels under scope of VTMISS Directive (by Article 13.2 (a) of Directive (EU) 2019/883)</p>												

Sending data to Central SSN



Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<div><div><div>➤ Waste Receipt Id (multiple) *</div><div>➤ Port Reception Facility Provider *</div><div>➤ Treatment Facility Provider</div><div>➤ Waste delivery period *</div></div><div><div>Waste received:</div><div>➤ Waste Type *</div><div>➤ Amount of Waste Received *</div></div></div> <p>* Mandatory</p>												

Sending data to Central SSN

Vessel ID	Vessel Details	Voyage	Pre-arrival 72h	Pre-arrival 24h	Hazmat	Crew and PAX	Waste	Security	Arrival	Departure	Receipt	Bunkers
<div><div>➡ Bunkers on Board (Y/N) *</div><div>* Mandatory</div><div><div>Bunkers information:</div><div><div>➡ Bunker type *</div><div>➡ Bunker description</div><div>➡ Quantity *</div><div>➡ Unit of Measurement *</div></div></div></div>												
Bunkers details available on Request/Response												




3. Incident reports



Main changes on Incident Reports:

- **Waste:** new template in line with the requirements from the Waste Business Rules
- **SITREP:** Place of Refuge information included in new section
- **POLREP:** New attributes added related with the reporting of oiled wildlife
- **Vessel Traffic Rules Infringement incident renamed** (previously was VTS Rules Infringement incident)
 - Unit measurement added as separate field
 - Additional improvements on the usability (e.g. coordinates, selection of recipients)




Sending data to Central SSN







 **EMSA** **SAFESEANET**
European Index Server

European Maritime Safety Agency

> Send Notifications > Incident Report Notifications > Incident Report

User: TRN_STUDENT01






Incident Info
Incident Id  BE5xasq4jOaNa2Vei (NEW)
Incident Type  Waste
Report Sequence 

Authority Reporting Incident
User Id  TRN_STUDENT01 ☐ Change Authority
Identification Of Authority
Authority Name  Common Nautical Auth *
Locode  BEOST *
Phone  +310118424758 *
FAX 
Email  nautischdienstchef@vts-scheldt.net

Incident Report Vessel List

Associated Incidents

Incident Details - Waste

Waste
Date of Incident :   * Port Reporting Incident :   *
Waste Incident Type :  *

Distribution

Art6
Art7.1
Art7.3
Art7.4
OTHER

Waste Incident

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5. Please schedule your commissioning tests

Sending data to Central SSN

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European Maritime Safety Agency

> Send Notifications > Incident Report Notifications > Incident Report

User: TRN_STUDENT01

Weather On Scene (H) :

Search Area (K) :

Future Plans (M) :

Initial Actions Taken (J) :

Coordinating Instructions (L) :

Additional Information (N) :

Place of Refuge

Report Number :

*

Place of Refuge status :

▼

*

Speed :

Route :

Original Destination :

Pilot :

▼

Current Draft :

Weather Forecast :

Salvage or Towing :

Place of Refuge Incident Details :

Coordinating Authority :

*

Course :

Port of Departure :

Radio Communications :

Place of Refuge Destination :

Next Communication Report :

Defect Limitations :

Ship Agent Representative :

Medic :

Ship Information

»

Transfer Coordination Position

»

Pollution or Lost DG Overboard

»

Entry MS Area Of Responsibility


»

Exit MS Area Of Responsibility

»

SITREP Place of Refuge section




Sending data to Central SSN




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> Send Notifications > Incident Report Notifications > Incident Report




User: TRN_STUDENT01


Pollution Chars (P.42) :  *  Pollution Source (P.43) : 

Wind (P.44)
Wind Speed :  Wind Speed Unit of Measurement :  Wind Direction : 



Tide (P.45)
Tide Speed :  Tide Speed Unit of Measurement :  Tide Direction : 

Sea State (P.46)
Wave Height :  Wave Height Unit of Measurement : 
Visibility :  Visibility Unit of Measurement : 











Pollution Drift (P.47)
Drift Course :  Drift Speed :  Drift Speed Unit of Measurement : 

Pollution Effect Forecast (P.48) : 

Observer Identity (P.49)

Action Taken (P.50) :  * Photographs (P.51) : 


Informed State Organisation (P.52)

Report On Oiled Wildlife (P.53) :   Action Taken On Oiled Wildlife (P.54) :  
Forecast Oiling Of Wildlife (P.55) :   Evidence Taken From Oiled Wildlife (P.56) : 
Other Information (P.59) :   Acknowledge (P.60) : 

Distribution

POLREP reporting of oiled wildlife




Sending data to Central SSN




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> Send Notifications > Incident Report Notifications > Incident Report




User: TRN_STUDENT01


Pollution Chars (P.42) :  *  Pollution Source (P.43) : 

Wind (P.44)
Wind Speed :  Wind Speed Unit of Measurement :  Wind Direction : 



Tide (P.45)
Tide Speed :  Tide Speed Unit of Measurement :  Tide Direction : 

Sea State (P.46)
Wave Height :  Wave Height Unit of Measurement : 
Visibility :  Visibility Unit of Measurement : 











Pollution Drift (P.47)
Drift Course :  Drift Speed :  Drift Speed Unit of Measurement : 

Pollution Effect Forecast (P.48) : 

Observer Identity (P.49)

Action Taken (P.50) :  * Photographs (P.51) : 

Informed State Organisation (P.52)

Report On Oiled Wildlife (P.53) :   Action Taken On Oiled Wildlife (P.54) :  
Forecast Oiling Of Wildlife (P.55) :   Evidence Taken From Oiled Wildlife (P.56) : 
Other Information (P.59) :   Acknowledge (P.60) : 

Distribution

POLREP reporting of oiled wildlife

Sending data to Central SSN

EMSA

SAFESEANET

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European Maritime Safety Agency

Generic Notifications

Incident Reports

Create

Update/Delete/Feedback

Check Distribution

Exemptions On Scheduled Services

> Send Notifications > Incident Report Notifications > Incident Report

User: TRN_STUDENT01

Incident Info

Incident IdBED8dQkfUnEnvI4aL (NEW)

Incident TypeLostFoundContainers

Report Sequence

Authority Reporting Incident

User IdTRN_STUDENT01

Identification Of Authority

Authority NameCommon Nautical Auth

LocodeBEOST

Phone+310118424758

FAX

Emailnautischdienstchef@vts-scheldt.net

Incident Report Vessel List

Add

Associated Incidents

Add

Incident Details - LostFoundContainers

Upload Document

Lost Found Object

Report Type (P.1)

Warning Broadcasted

Ship Or Observer IdentificationVHF

Object InformationNAVTEX

Object Position (P.3)INMARSAT

OTHER

Report Date Time2021-11-08 17:11:09

Send

Reset

Cancel

Lost and Found Object – Warning Broadcasted

27

Sending data to Central SSN

> Send Notifications > Incident Report Notifications > **Incident Report**

User: TRN_STUDENT01

Select Conventions / Recipients

Select Conventions

- | | |
|---|--|
| <input type="checkbox"/> Barcelona Convention (Mediterranean area) | The Convention for the Protection of Marine Environment and the Coastal Region of the Mediterranean |
| <input type="checkbox"/> Bonn Agreement (North Sea area) | Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances |
| <input type="checkbox"/> Bucharest Convention (Black Sea area) | The Convention on the Protection of the Black Sea against Pollution |
| <input type="checkbox"/> Copenhagen Agreement | Agreement about Cooperation concerning Pollution Control of the Sea after Contamination by Oil or other Harmful Substances |
| <input type="checkbox"/> Helsinki Convention (Baltic Sea area) | The Convention on the Protection of the Marine Environment in the Baltic Sea Area |
| <input type="checkbox"/> Lisbon Agreement (North-East Atlantic area) | Cooperation Agreement for the Protection of the Coasts and Waters of the North-East Atlantic against Pollution |

Select Recipients

- ☐ **Belgium (BE)**
- ☐ **Bulgaria (BG)**
- ☐ **Croatia (HR)**
- ☐ **Cyprus (CY)**
- ☐ **Denmark (DK)**
- ☐ **EMSA (XX)**
- ☐ **Estonia (EE)**
- ☐ **European Union (EU)**
- ☐ **Finland (FI)**
- ☐ **France (FR)**

Selection of recipients by Convention

- | | | |
|--|----------------------|---|
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |
| Request for Action  | <input type="text"/> |  |

OK

Back

Cancel

Transition period V4 - V5



Messages	System interface (XML and SOAP)	Web Textual Interface
PortPlus notification	PortPlus V5 PortPlus V4	N.A.
ShipCall request	ShipCall Request V5 with Details V5 and V4 (without Waste) ShipCall Request V4 with Details V4 and V5 (without Waste and Persons)	ShipCall Request V5 with Details V5 and V4 (including Waste)
IncidentDetail notification	IncidentDetail V5 IncidentDetail V4	IncidentDetail V5
IncidentReport request and Distributed	IncidentReport V5 with Details V5 and V4 in PDF IncidentReport V4 with Details V4 and V5 in PDF	IncidentReport Request V5 with Details V5 and V4 in PDF
Exemption notification	Exemption V5 Exemption V4	Exemption V5
Exemption request	Exemption V5 with Details V5 and V4	Exemption V5 with Details V5 and V4
Ship MRS notification	Ship MRS V5 Ship MRS V4	Ship MRS V5
Ship MRS request	Ship MRS V5 with Details V5 and V4 Ship MRS V4 with Details V4 and V5	Ship MRS V5 with Details V5 and V4



Thank you

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