

# SafeSeaNet Workshop 20

## Evolution of SSN under IMP

Agenda item 20.6.1

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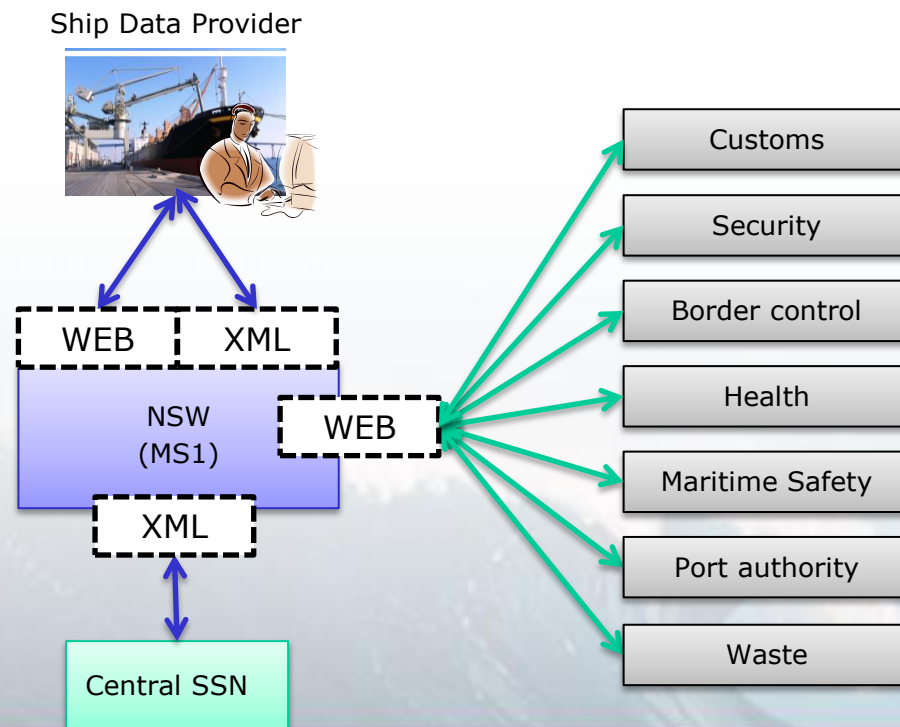
**Lisbon | 6 November 2013**

## Project overview

- Project on the evolution of SSN in the context of the Integrated Maritime Policy (IMP)
- Focus on the obligation to set-up a **single window** at national level for reporting formalities and the exchange of information based on Directive 2010/65/EU
- Design and implementation a **prototype** that will test the information flows between:
  - the ship data providers (shipping agents and companies) and the NSW
  - the NSW and national authorities
  - the central SSN system and the NSW
- In collaboration with a **6 participating MS**
  - IT, GR, BG, RO, MT, NO

# The NSW prototype

- Unique NSW system per MS communicating with simulated central SSN system
- Based on work of **eMS group** and on **ISO 28005** – Electronic Port Clearance



# Current situation

- Design
  - Completed
  - Workshop with participating MS 17-18 July 2013
  - Agreed on list of “Leading Principles” with MS
- **1<sup>st</sup> version** of prototype
  - Interface to ship data providers
  - Hosted by EMSA
  - Released 10 October
  - Test with participating MS until 1 November
  - Workshop 11 November



Add new notification



My ships notifications

## Ship Identification



Ship Name: Clara

Call Sign: TRS43

IMO Number: 2123451

MMSI Number: 344232

Flag:  IT

Port of call

ETA/ATA to port of call



Arrival/ Departure

Arrived/ Departured

[Filter notifications](#)

## Ship notifications for: Clara

Port of call	ETA/ATA to port of call	ETD/ATD from port of call	Arrival / Departure	Arrived / Departured	Request Status			
Beelitz	14.04.2013 13:40	15.04.2013 22:10	Arrival	Departured	Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Southampton	13.04.2013 15:20	14.04.2013 06:40	Departure	Departured	Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Amsterdam	11.04.2013 17:12	12.04.2013 11:42	Arrival	Arrived	Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Simpevarp	09.04.2013 13:10	11.04.2013 02:50	Arrival	Arrived	Pending	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Rotterdam	08.04.2013 16:20	09.04.2013 01:20	Departure	Arrived	Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Bremerhaven	08.04.2013 01:10	08.04.2013 06:45	Arrival	Departured	Discarded	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Halhjem	06.04.2013 13:40	07.04.2013 22:10	Arrival	Departured	Not Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Limhamn	05.04.2013 15:20	06.04.2013 06:40	Departure	Departured	Pending	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Prastegarden	03.04.2013 17:12	05.04.2013 11:42	Arrival	Arrived	Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Amsterdam	01.04.2013 13:10	02.04.2013 02:50	Arrival	Departured	Discarded	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Rotterdam	30.03.2013 16:20	01.04.2013 01:20	Departure	Arrived	Pending	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>
Bremerhaven	27.03.2013 01:10	29.03.2013 06:45	Arrival	Arrived	Not Accepted	<a href="#">Update</a>	<a href="#">Continue</a>	<a href="#">Re-use</a>

1-10 of 32



[New](#)

[Back](#)



+ Add new notification My ships notifications

Notification - Waste

Ship
 Port
 DPG
 Ship's Stores
 Waste
 Security
 Crew & Passengers
 Health



Ship Name: MCS LEVANTO
 Call Sign: 2GDR7
 IMO No: 9679086
 MMSI: 235096499
 ETA: 2013-10-22 23:00:12
 PortCall: GRPIR
 Flag: GB

Waste

Last port delivered

PTLIS

Last port delivered date

19/10/2013



Waste delivery status \*

Some



☒ Do you confirm that the above details are accurate and correct?

☒ Do you confirm that there is sufficient dedicated onboard capacity?

Waste disposal information

Waste type *	Waste to be delivered (m3) *	Maximum dedicated storage capacity (m3) *	Amount of waste retained on board (m3) *	Port of delivery of remaining waste	Estimated amount of waste to be generated (m3) *	
Waste oils - Sludge (1100)	10.0	100.0	20.0	Le Havre (FRLEH)	2.0	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Garbage - Other - Rags (2303)	1.0	10.0	0.0	Le Havre (FRLEH)	1.0	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<div></div>						

Add a row

Add new item

Cancel

Previous step

update stores details

Submit

Next step

enter security details



# XML format based on ISO standard

- XML format from ISO 28005 was adapted to include additional data elements identified by eMS group

```
<xs:complexType name="EPCRequestBodyType">
  <xs:sequence>
    <xs:element name="OtherServiceRequest" type="epc:OtherServiceRequestType" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="Agent" type="epc:AgentType" minOccurs="0" />
    <xs:element name="Company" type="epc:CompanyType" minOccurs="0" />
    <xs:element name="InmarsatCallNumber" type="epc:InmarsatCallNumberType" minOccurs="0" maxOccurs="5"/>
    <xs:element name="NameOfMaster" type="epc:NameType" minOccurs="0" />
    <xs:element name="RegistrationPort" type="epc:RegistrationPortType" minOccurs="0" />
    <xs:element name="ShipID" type="epc:ShipIDType" minOccurs="0" />
    <xs:element name="CargoData" type="epc:CargoDataType" minOccurs="0" />
    <xs:element name="CargoOverview" type="epc:CargoOverviewType" minOccurs="0" />
    <xs:element name="CargoType" type="epc:CargoTypeContentType" minOccurs="0" />
    <xs:element name="DGSafetyDataSheet" type="epc:DGSafetyDataSheetType" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="DutiableCrewEffect" type="epc:DutiableCrewEffectType" minOccurs="0" />
    <xs:element name="GeneralDescriptionOfDG" type="epc:GeneralDescriptionOfDGType" minOccurs="0" />
    <xs:element name="ShipStore" type="epc:ShipStoreType" minOccurs="0" />
    <xs:element name="CrewList" type="epc:CrewListType" minOccurs="0" />
    <xs:element name="PassengerList" type="epc:PassengerListType" minOccurs="0" />
    <xs:element name="PersonsOnBoard" type="epc:PersonsOnboardType" minOccurs="0" />
    <xs:element name="Certificate" type="epc:CertificateType" minOccurs="0" />
    <xs:element name="ShipClass" type="epc:ShipClassType" minOccurs="0" />
    <xs:element name="INFClassContent" type="epc:INFClassContentType" minOccurs="0" />
    <xs:element name="CurrentShipSecurityLevel" type="epc:CurrentShipSecurityLevelType" minOccurs="0" />
    <xs:element name="PortCalls" type="epc:PortCallListType" minOccurs="0" />
    <xs:element name="ShipToShipActivityList" type="epc:ShipToShipActivityListType" minOccurs="0" />
    <xs:element name="HasSecurityPlan" type="epc:HasSecurityPlanType" minOccurs="0" />
    <xs:element name="Beam" type="epc:BeamType" minOccurs="0" />
    <xs:element name="DeadWeight" type="epc:DeadWeightType" minOccurs="0" />
    <xs:element name="DoubleBottomContent" type="epc:DoubleBottomContentType" minOccurs="0" />
    <xs:element name="GrossTonnage" type="epc:GrossTonnageType" minOccurs="0" />
  
```

## Next steps

- 1<sup>st</sup> version of prototype **available to other MS**
  - Login details provided on request
- **2<sup>nd</sup> version** of prototype
  - Interface to authorities and exchange via SSN
  - Expected release end December
  - Test by participating MS in January 2014
- Hosting by participating MS
- Technical analysis
  - Analysis of national systems
  - Recommendations on interfacing with the prototype
- **Further developments** in 2014
  - Based on tests in January, and results of analysis