National Single Window
- Maritime Information Hub

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Outline

- **Introducing the Directive on National Single Window**
  - EU eMaritime context
  - The main points of the directive
  - Timeframe

- **Implementing the Directive at national level**
  - Finland’s implementation project
  - Key features
  - Benefits to maritime statistics

- **Summary**
EU Directive on National Single Window
EU eMaritime context

- The eMaritime is aimed at providing a strategic framework and capabilities to support business, operations and policy in a harmonized manner through networking and effective use of information.

- The first priority of the eMaritime should be the **single window** with the objective to simplify the shipping industries administrative reporting burden.

- The second priority would be measures related to applications supporting the intelligent use of data via common models produced and coordinated at EU level.

- Based on existing systems
  - EU Directives
  - International regulations that determine information exchange requirements between businesses and administrations
Content of the Directive 2010/65/EU

- Directive 2010/65/EU defines the reporting formalities for ships arriving in and/or departing from ports of the Member States
- The aim is to simplify and harmonize the administrative procedures by making the electronic transmission of information standard and by rationalizing reporting procedures
- Applies to ships arriving in and departing from ports situated in Member States
- Containing
  - 28 introductory paragraphs
  - 17 Articles
  - Annex lists the reporting formalities
Article 5. Electronic transmission of data

- Member States shall accept electronic reports and their transmission via a **Single Window** by June 1\textsuperscript{st} 2015

- All information shall be reported once through a **Single Window** that links SafeSeaNet, eCustoms and other electronic systems and shall be available to competent authorities and Member States

- **Single Window** must be interoperable, accessible and compatible with SafeSeaNet system and, where applicable, with the systems stipulated in Decision 70/2008 on a paperless environment for customs and trade

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**What is SafeSeaNet?**

SafeSeaNet, a European Platform for Maritime Data Exchange between Member States' maritime authorities, is a network/Internet solution based on the concept of a distributed database.
Single Window implementation on EU level
Information levels

1. Global
2. Europe
3. Regional (e.g. Baltic Sea, Mediterranean)
4. Neighbouring areas
5. Territorial sea / Fairways / Port and terminal areas
Timeframe

- **2010** Formal adoption of the Directive
- **2012** Member States implemented their respective national law
- **2015** Member States shall accept electronic reports and their transmission via a National Single Window and cease to accept paper forms for the fulfillment of reporting formalities
Implementation at national level
Legal framework for NSW in Finland

- International legislation (maritime, customs etc.)
- National Data privacy and data protection legislation
- National PortNet specific legislation
- National E-commerce and paperless trade enabling legislation
- PortNet

www.liikennevirasto.fi
NSW implementation in Finland

NSW – Service Platform; target

Navy

Port

Coast Guard

Traffic Agency

Agent/Ship manager

TrafI

Customs
PortNet

- Key features of the PortNet
  - First version was build in 1994 and in 2000 the web based system was created
  - Over 40,000 port calls annually
  - Today the number of registered user has increased to 1,500 and daily users around 1,000
  - All the main ports in Finland receive their traffic data electronically
  - The large companies are transforming the data electronically where as the smaller operators use the web interface

The idea was to create a comprehensive single window application for all authority notices required at ship departures and arrivals to/from all Finnish ports
PortNet working principle

Ship’s agent

- Advance notice (CUSREP)
- DG cargo notice (IFTDGN)
- Cargo report (manifest or statistical (CUSCAR))

PortNet

EDIFACT

XML

WWW

FMA

Customs

Ports

Other
PortNet as data management system for NSW

  - PortNet is the electronic data management system for NSW

- Main stakeholders of the system can be divided into following user groups
  - **Data providers**: Ship agents
  - **Monitoring of reporting obligations**: Customs
  - **Surveillance of maritime traffic situation**: Maritime Authorities
  - **Utilizers of data**: Ports, Research Institutes, Statistics Office, etc.
  - **Browsers of public ship call information**: Logistics Companies
Benefits to maritime statistics

- The NSW improves the quality and efficiency of the statistical processes.
- The delay time in statistics is only 4 weeks.
- Maritime statistics can be compiled in different ways according to the user needs and the data is available in electronic form.
- NSW users have different profiles and access to data depending on their status.
- The official EU datasets are produced directly from the NSW.
- The changes in the EU directives concerning maritime statistics are possible to implement by reprogramming the algorithm that produces the datasets from the NSW.
- In the future NSW enables to combine different datasets from different organizations e.g.
  - Customs / Trade Statistics
  - Transport Agency / Transport Statistics
Summary
The NSW as common European objective

- NSW provides the possibility to the shipping industry to face the same window solution and to perform the entering of data in a similar manner in all EU Member States
- NSW and eMaritime are linked to EU Transport Policy (White Paper and its statistical implications and other policy initiatives with impact on maritime statistics)
- Eurostat and eMaritime: Eurostat welcomed DG MOVE’s intention (decision to be taken) to set up an expert sub group on statistics to discuss and draft guidelines/specifications for harmonized data collection (Discussed at the Eurostat WG meeting 13-14 June 2012)
- The challenge is to coordinate all Member States and their NSW implementation projects
Thank you