



# Portnet – National Single Window implementation in Finland

30.3.2017



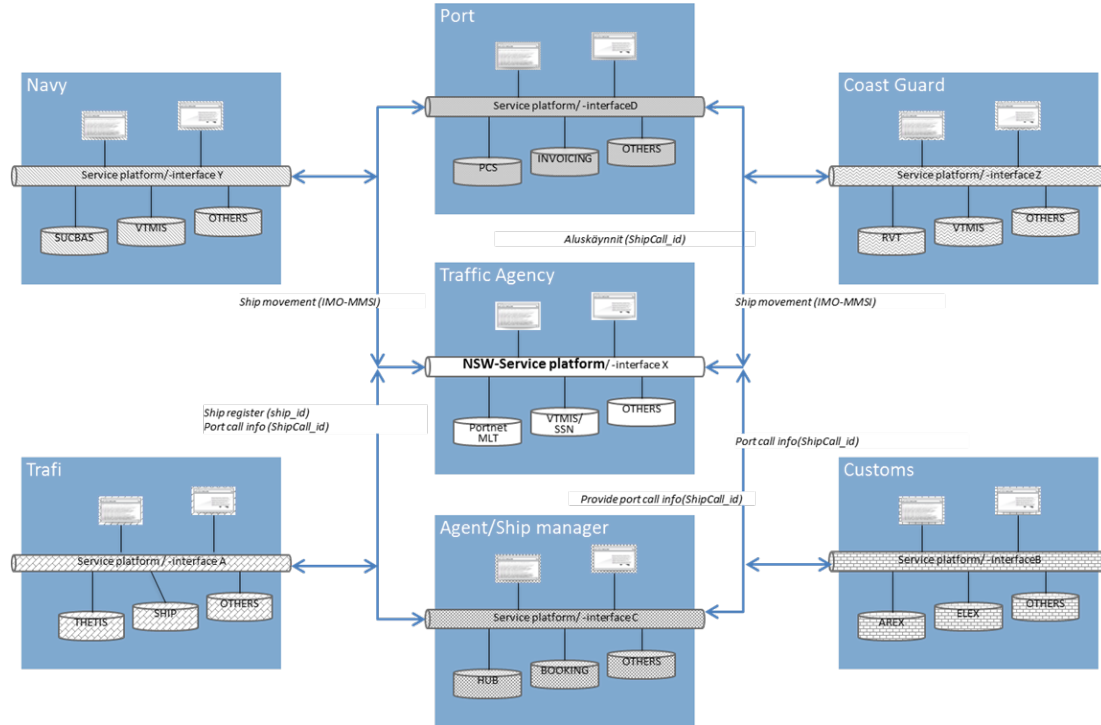
# Portnet – National Single Window (NSW)

## - Portnet In Nutshell -

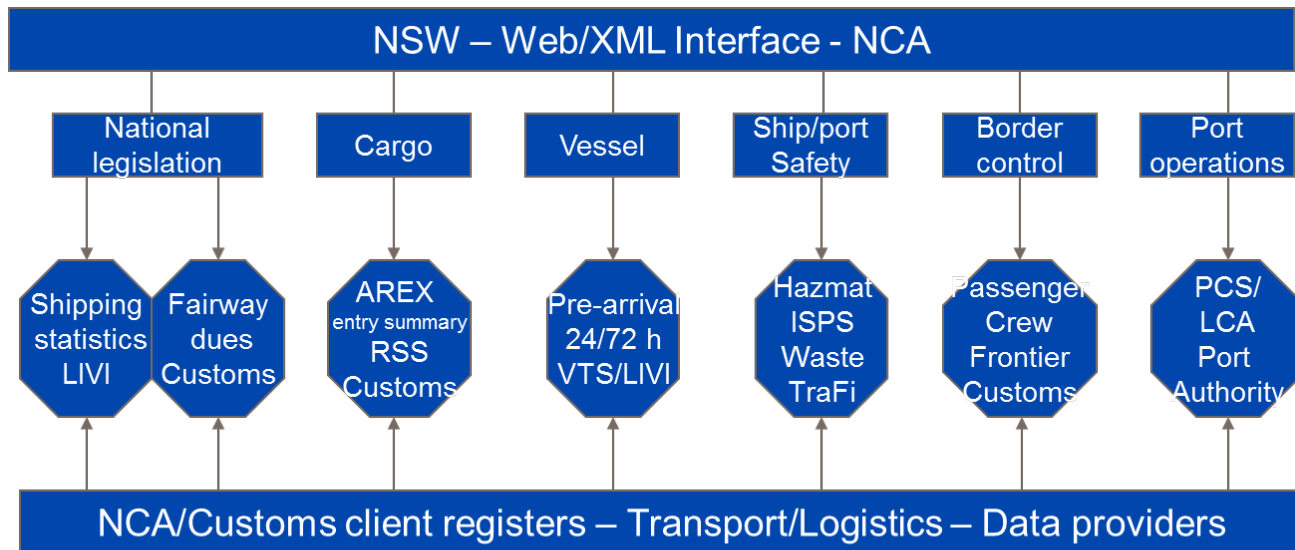
- We follow UNECE Recommendation 33 plus EU legislation for reporting formalities
- Portnet is jointly governed by Transport Agency and Customs as single NSW authority
- Our implementation follows EMSA's NSW Guidelines and NSW prototype
- Portnet has thousands of daily users (Agents, Forwarders, Managers, Authorities)
- Portnet is dealing with issues related to Port Clearance from ship to port
  - All information is provided electronically by ship's representative ashore
  - One data element is provided only once – Portnet covers all ports in Finland
  - Information is shared between all necessary stakeholders (private and public)
  - In order to fulfill reporting obligations we provide following interfaces:
    - Web User Interface (WUI) with nationally harmonized NSW spreadsheets
    - EDI/XML message based (M2M) interface
  - We deploy UN/LOCODEs for port locations
  - We apply standardized code lists for all data elements that can be enumerated

# NSW implementation in Finland 1/2

NSW – Service Platform; target



## NSW implementation in Finland 2/2



*NCA = National Competent Authority*  
*LCA = Local Competent Authority*  
*PCS = Port Community System*  
*AREX = Import Control System*



# Classification of NSW Reporting Formalities

## PART A – EU legislation

- **Reporting formality**

- Notification for ships arriving in and departing from ports of a member state
  - General maritime information (Ship, Route, Timetable (ETA, ATA, ETD, ATD), PoB)
- 72 hour pre arrival notification
- Border checks on persons
- Notification of DPG carried on board
  - HAZMAT (IMDG, IBC, IGC, IMSBC, MARPOL)
- Notification of waste and residues
- Notification of security information
- Entry Summary Declaration

- **Legal basis**

- Art. 4 Directive 2002/59/EC
- Paris MoU PSC Directive
- Art. 7 Regulation No 562/2006
- Art. 13 Directive 2002/59/EC
- Art. 6 Directive 2000(59/EC
- Art. 6 Regulation (No 725/2004) ISPS Code
- Art. 36a Regulation No 2913/92 and
- Art. 87 Regulation No 450/2008



## PART B – Formalities stemming from international legal instruments

### ● IMO/FAL forms

- FAL form 1: General Declaration
- FAL form 2: Cargo Declaration
- FAL form 3: Ship's Stores Declaration
- FAL form 4: Crew's Effects Declaration
- FAL form 5: Crew List
- FAL form 6: Passenger List
- FAL form 7: Dangerous Goods

### ● Maritime Declaration of Health

### ● IMO/FAL Convention

### ● International Health Regulation (IHR)



## PART C – Any relevant national legislation

- Notification for Payment of Fairway dues
- Act on Fairway Dues (1122/2005)
- Notification for statistical returns in respect of carriage of goods and passengers by sea
- Directive 2009/42/EC as amended by
- Regulation No 1090/2010



# UN/LOCODEs and PORTNET

## □ Use of UN/LOCODEs

- Basically all declarations include UN/LOCODEs
- Our main focus is related to port locations
  - We support UN/LOCODEs for port locations and offshore installations (1,7)
  - For Port Call Notifications we accept only SSN UN/LOCODEs (EU/SafeSeaNet)
  - For Finnish ports we apply subdivision to port areas -> (Berth, ISPS)
    - Structure of Finnish Port UN/LOCODEs is as follows:
      - Country code (2), Location code (3), Port area (3) -> Berth (3), ISPS (4)
      - ISPS code available for ports that have Port Facility Security Plan
      - All port call notifications are assigned to Berth level, (ISPS area)
      - We support also system special UN/LOCODEs for internal purpose
    - We maintain UN/LOCODEs in line with latest UN/LOCODE release
- Use of UN/LOCODEs is of paramount importance in achieving data integrity





# Screenshot: Example of port area definition

## Structure of Finnish Port Codes

- Port Locode = 'FIKTK'
- Port Area = 'HET'
- Berth Code = 'T1'
- ISPS = '0006'
- Name = 'Hietanen Etelä'

Portnet

https://app.portnet.fi/Servlet.Mainpage.Frameset?LANG=en&CN

Haku

Portnet

Vessels Notifications Port enquiries Basic information Exit

**SHIP'S AGENTS**

- Browse/update
- Add notice

**SHIP OWNERS**

- Browse/update
- Add notice

**PORT INFORMATION**

- Browse/update
- Add notice

**DECLARANT**

- Browse/update
- Add notice

**Port basic information**

Port: FIKTK, HaminaKotka  
Port subarea: HET, HIETANEN ETELÄ

**Berths**

	Berth code	Berth name	ISPS	ISPS name	Remove
1	T1	PUOT1	0006	Hietanen Etelä	
2	T2	PUOT2	0006	Hietanen Etelä	
3	T3	PUOT3	0006	Hietanen Etelä	
4	T4	PUOT4	0006	Hietanen Etelä	
5	MUU	Ei tiedossa	0006	Hietanen Etelä	
6					<input type="checkbox"/>
7					<input type="checkbox"/>
8					<input type="checkbox"/>

Save



# Screenshot: Example of port call notification

## Structure of voyage info

- Ship name = 'Finnlady'
- Nationality = 'FI'
- Reporting port = 'FIHEL'
- Port Area = 'Vuosaari'
- Berth = 'Finnsteve'
- Previous Port = 'DETRV'
- Next Port = 'RULED'

Portnet

https://app.portnet.fi/Servlet.Mainpage.Frameset?LANG=en&CN Haku

Portnet Vessels Notifications Port enquiries Basic information Exit

### PORT CALL NOTIFICATIONS

- Browse/update
- Add notice

### ADD NOTIFICATION

- DG permit
- DG notification
- Cargo (statistics)
- Cargo (manifest)
- Waste notification
- Ship-to-ship activities
- Safety notification
- IMO-FAL declarations

### USING FORM, MOVE TO

- Port call
- Arrival/departure data
- Input of time schedule

### Basic data on port call

#### Ship data

Name:\* **Finnlady** Radio call sign: **OJMQ**  
IMO / Lloyds: **9336268** MMSI: **230987000** [Confirm ship](#)

#### Port call

Name of port: **FIHEL** [Confirm port](#)  
**Helsinki**

Previous port: **DETRV**

Next port: **RULED**

Arrives:\*  
☐ in domestic trade  
☒ in foreign trade  
☒ Vessel has dangerous cargo in arrival

Departs:  
☐ in domestic trade  
☒ in foreign trade  
☐ Shipper has delivered declaration of dangerous goods to the master of the ship

Customs arrival /departure number: **2/200410065**

[Ship's dues 2017](#)  
[Ship's dues](#)  
[Security notification](#)  
[Fairway due decision \(FI\)](#)  
[Fairway due decision \(SV\)](#)  
[Fairway due decision \(EN\)](#)

☒ Arrives with cargo  
☒ unloads all cargo  
☐ unloads part of cargo  
☐ does not unload  
☐ in ballast  
☐ Does not load

[IMO-FAL general declaration arrival 2017](#)  
[IMO-FAL general declaration arrival](#)  
[IMO-FAL general declaration departure](#)

Port area: **Vuosaaren satama** Berth: **VC2**  
Vuosaari Finnsteve



# Screenshot: Example of passenger list (SBC)

## Structure of Passenger list

- Passenger name = 'Test'
- Nationality = ISO 3166-1 alpha 3
- Arrival Port = 'RULED'
- Departure Port = 'FIHEL'

Antti\_test - Excel

Tiedosto LIVI ASIAKIRJAT Aloitus Lisää Sivun asettelu Kaavat Tiedot Tarkista Näytä Kerro, mitä haluat tehdä...

Normaali Sivunvaihtojen esikatselu Sivun asettelu Mukautetut näkymät Työkirjanäkymät

☒ Viivain ☒ Kaavarivi ☒ Ruudukko ☒ Otsikot Näytä

Zoomaus 100 % Zoomaa valintaan

Uusi ikkuna Järjestä kaikki Kiinnitä ruudut Näytä

Näytä rinnakkain Synkronoitu vieritys Palauta ikkunan sijainti Vaihda ikkunaa Makrot

A6 Test

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Name of ship	IMO number	Portnet number		Arrival	X							
3	Costa Pacifica	9378498	0/541820		Departure								
5	First name	Last name	Nationality	Date of birth (dd.mm.yyyy)	Place of birth	Gender (M, F)	Type of identity document	Serial number of identity document	Port of embarkation - ARR	Port of disembarkation - DEP	Type of visa or residence permit	Serial number of visa or residence permit	Transit (yes/no)
6	Test	Traveller	FIN	10.10.1980	Helsinki	M	P	PK444222	RULED	FIHEL	V	12345678	Y
7	Test	Traveller	RUS	10.10.1980	Leningrad	M	P	PK444222	RULED	FIHEL	V	12345678	Y
8	Test	Traveller	DEU	10.10.1980	Lubeck	F	P	PK444222	RULED	FIHEL	V	12345678	Y
9	Test	Traveller	NOR	10.10.1980	Kirkenes	F	P	PK444222	RULED	FIHEL	V	12345678	Y
10	Test	Traveller	GRE	10.10.1980	Piraeus	M	P	PK444222	RULED	FIHEL	V	12345678	Y
11	Test	Traveller	SWE	10.10.1980	Sundsvall	F	P	PK444222	RULED	FIHEL	V	12345678	N



# Vision for future – NSW ver. 2.0?

## □ Roadmap for the future development

- Vision paper for European Maritime Single Window and eManifest
- Follow closely work at:
  - **IMO/FAL Committee**
    - Progress of the IMO project on the development of a prototype Maritime SW
  - **IALA/ENAV Committee**
    - Progress of the draft IALA Guidelines on Maritime Service Portfolios (MSP)
  - **Harmonisation of NSW's on European Level**
    - Harmonisation of spread sheets and XML-messages ISO 28005 (EPC)
  - **Development at National Level**
    - Enhance the level of integration of all maritime systems:
      - Maritime situational picture
      - Maritime statistics and utilization of 'Big Data'
      - Cross sectoral data exchange
      - Interoperability of Systems in Maritime and Customs Domain



Thank you  
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