DUEPORT
THE SPANISH MARITIME SINGLE WINDOW

International Maritime Organization
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A KIND OF SINGLE WINDOW

Single Window related to cargo

- Port Authorities as single window for Custom.
- Cargo Manifest and Summary Declaration for Temporary Storage reported once at Port Authority.
- Port Authority send to Custom.

Single Window for maritime transport

- Port Administration (Puertos del Estado) as single window for Maritime Administration.
- Ship details, Ship Call, DPG reported once.
- Ship Clearance.

A KIND OF SINGLE WINDOW

National Single Window and Safe Sea Net System (2001 to 2015)

DATA PROVIDER

Port Authority (Local Access) - Ship Calls, DPG

Ship Calls Repository

DPG Repository

Manifest Repository

NSW (Puertos del Estado) PORTEL system

Statistics

SSN Repository

Port Authority

Ship Clearance

Maritime Admin.

Custom

Border Control

SASEMAR

MBS

AIS

Incidents

SSN connector

MS_1

MS_2
DIRECTIVE 2010/65/EU
Reporting Formalities Directive RFD

- To simplify and harmonise administrative procedures applied to maritime transport.
- Member States shall accept the fullfilment of reporting formalities in electronic format, and their transmission via single window, no later than 1 June 2015.
- All information is reported once and in one place.
- And made available to different competent authorities and other Member States.
- Information received based on reporting formalities provided in a legal act of the Union shall be made available in SafeSeaNet (SSN).

Electronic transmission of data means the process of transmitting information that has been encoded digitally, using a revisable structured format which can be used directly for storage and processing by computers. No faxes, pdf, scans, …

SPANISH NATIONAL MARITIME SINGLE WINDOW
from 5 May 2015

- Spanish National Maritime Single Window.
- National Safe Sea Net System.
- New system, new GUI, new message broker, new architecture.
- All formalities reported electronically.
- Improvement of some processes, in data model, and business rules.
- Harmonization of messages (EDIFACT standard).
- Harmonization of spreadsheet (Pax and Crew list).
- All Spanish ports included in NMSW (commercial ports, regional ports, fishery, …).
SPANISH NATIONAL MARITIME SINGLE WINDOW

DATA PROVIDER

SASEMAR
MRS
AZS
Incidents

Local Point of contact (Port Authorities)
ShipCalls + DPG
Manifests

Maritime Administration
Custom
Security (Civil Guard)
Health
Border Control
Defence
Search and Rescue

SWBS

Public Query System
Menajeris
SSN national
Global Repository
Statistics

Single Sign On ("once" concept)

REPORTING FORMALITIES

- Notification for ships arriving in and departing from ports of the Member States.
- Border checks on persons.
- Notification of dangerous or polluting goods carried on board.
- Notification of waste and residues.
- Notification of security information.

- 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.

- National relevant legislation
  Port Management / Port dues/ Passenger List safety purposes.
  Summary Declaration for Temporary Storage / Cargo Manifest
DATA MAPPING

DECLARATION TYPES
- Ship Identification
- Ship Particulars
- Port of Call / Port Facility
- Voyage / Arrival-Departure
- Brief Description of Cargo on board
- Purpose of Call / Planned Operations
- Security Information (ISPS)
- Passenger List
- Crew List
- Waste and Residues
- Dangerous and Pollutant Goods
- Maritime Declaration of Health (MDH)
- Summary Declaration Temporary Storage
- Cargo Manifest

FORMALITIES
- Notification for ships arriving in and departing from ports of the Member States.
- FAL form 1: General Declaration.
- National relevant legislation
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- Notification of security information.
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- FAL form 5: Crew List.
- FAL form 6: Passenger List.
- Notification of waste and residues.
- Notification of dangerous or polluting goods carried on board.
- FAL form 7: Dangerous Goods.
- Maritime Declaration of Health.
- National relevant legislation
- FAL form 2: Cargo Declaration.

DECLARATION TYPES FORMALITIES

DATA MAPPING

DECLARATION TYPES
- Maritime Authority
- Port Facility
- Defence
- Civil Guard
- Health Authority
- Search and Rescue
- Border Control
- Maritime Authority
- Custom

SUBMISSION OF DATA
Types of ports, function of PCS

Regional Ports:
- Agents report directly in NMSW

Commercial Ports:
- Port Authorities as local point of access to NMSW
- DUEPORT as Local Single Window
EDIFACT MESSAGES

Ship Identification
Ship Particulars
Port of Call / Port Facility
Voyage / Arrival-Departure
Brief Description of Cargo on board
Purpose of Call / Planned Operations

Security Information (ISPS)

Passenger List
Crew List

Waste ad Residues

Dangerous and Pollutant Goods

Maritime Declaration of Health MDH

Summary Declaration Temporary Storage
Cargo Manifest

EDIFACT message: BERM v 4.1
EDIFACT message: PAXLST v 4.1
EDIFACT message: WASDIS v 4.1
EDIFACT message: IFTDGN v 4.1
XML message: MDH v 1.6
EDIFACT message: IFCSUM v 3.3

SPREADSHEET FOR PASSENGER AND CREW LIST (CSV) (format definition)
GRAPHICAL USER INTERFACE

- DUE - Declaración Unica de Escala
  - Individual de Inscritos
  - Lista de Padres de Escala
  - Lista de Hijos de Escala
  - Lista de Pasajeros de Estructura
  - Lista de Pasajeros de Habitación
  - Notificación de Desahucios y Residuos
  - Información de Profesiones
  - Declaración de Propiedad de Propiedad
  - Ingresos y Fincas
  - Reservas de Tránsito
  - Cambios de Comportamiento

- Mercancía
  - Reservas y Desahucios
  - Declaración de MPV de Entrada
  - Declaración de MPV de Salida

- Otros Servicios
  - Servicios de Asistencia
  - Recopilación de Datos

https://dueport.puertos.es/login/login.xhtml

TECHNICAL ARQUITECTURE

DUEport
SPANISH NMSW MODEL

ELECTRONIC REPORTING PER:
EDIFACT
XML
SPREADSHEET

OBTAINING DATA VIA:
PCS
New public portal (GUI)
Shipping lines

REPORTING ONCE PER:
Country
EU ???

FORMAT OF MESSAGE:
Standard at national level
Standard at EU level ???

ADDITIONAL DATA (ANNEX C):
Yes

INTERCONNECTION OF AGENCIES:
Public domain

RESPONSIBLE:
Puertos del Estado

MSW2MSW:
Feasible

NATIONAL SOLUTION BASED ON EXTENSION:
SSN
New system

HOSTING ADMINISTRATIVE AND TECHNICAL:
Public

DUEPORT. General Data

Port Authorities and/or Reporting Parties

- Custom
- Maritime Authority
- Border Control
- Health Authority
- Civil Guard
- Search and Rescue
- Defence

What: Manifest and Summary Declarations
How: CUSREP and CUSCAR EDIFACT Messages over Web Services

What: Vessel Call Information and Cargo Information
How: EDIFACT Messages:
• BERMAN
• IFTDON
• PAIXLET
• WASDIS
• APERAK
• IFCSUM
• CUSREP
• CUSCAR
• CUSRES

What: Vessel Call Information and Ships Clearance
How: Database integration over secure government network

What: Passenger and Crew Lists
How: Custom XML messages over SOAP Web Services

What: Maritime Declaration of Health
How: Custom XML messages over SOAP Web Services

What: Vessel Call Information
How: Custom XML messages over SOAP Web Services

What: MRB Information
How: Custom XML messages over SOAP Web Services

What: Vessel Call Information
How: Custom XML messages over SOAP Web Services

9 National Administrations
70 Ports
~500 New vessel calls per day
50,000 Messages exchanged per day
FUTURE

- eManifest reported through NMSW (European Commission proyect).
- DUEPORT as the clearance system for Maritime Administration.
- Schengen control of persons on board in yachts and other recreational boats (Border Control Authority).

Multi-modal Logistic Single Window Concept

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THANK YOU !!!!!