DUE port

DUEPORT

THE SPANISH MARITIME SINGLE WINDOW

International Maritime Organization
Facilitation Committe - Forty First Session

London, 4 april 2017

DUE port

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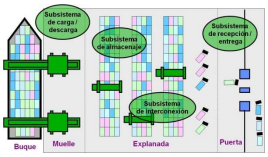
- Technical details.
- Spanish SW model.
- Future.

A KIND OF SINGLE WINDOW

DUE port

1994

2001



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.

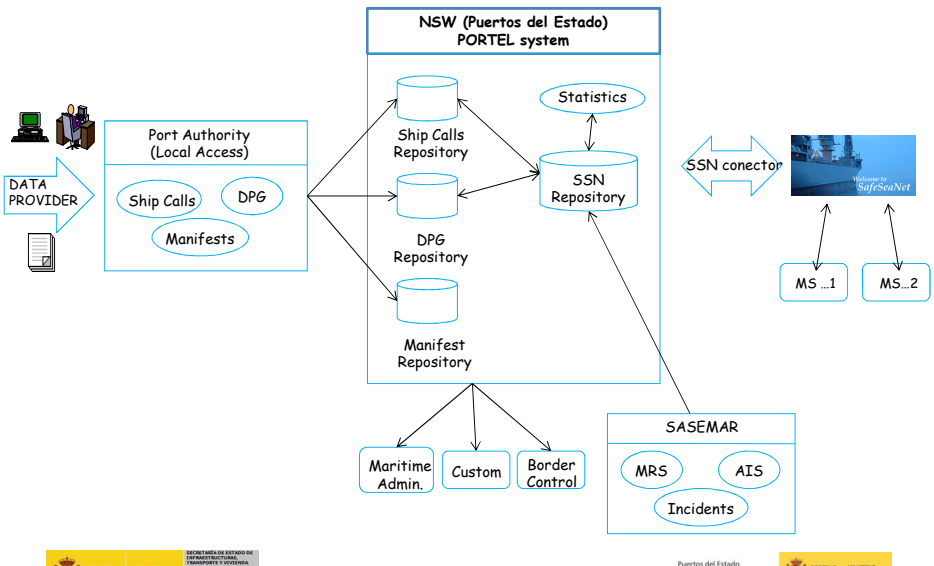
Single Window for maritime transport

- ✓ 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

DUE port

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



DIRECTIVE 2010/65/EU
Reporting Formalities Directive RFD

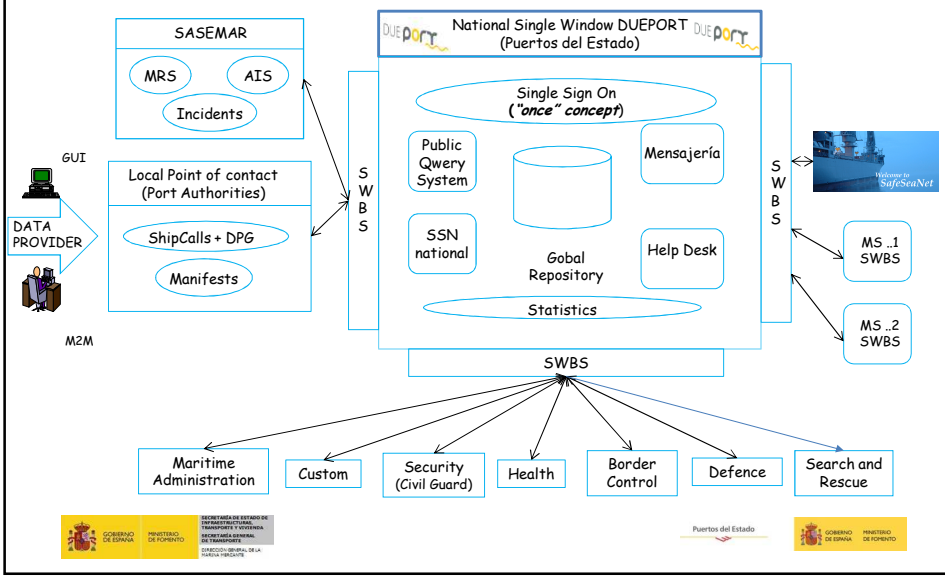
- To simplify and harmonise administrative procedures applied to maritime transport.
- Member States shall accept the fullfilment of reporting formalities in electronic format, and their transmission via single window, no later than 1 june 2015.
- All information is reported once and in one place.
- 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 ellectronically.
- ✓ Improvement of some processes, in data model, and bussiness 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



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

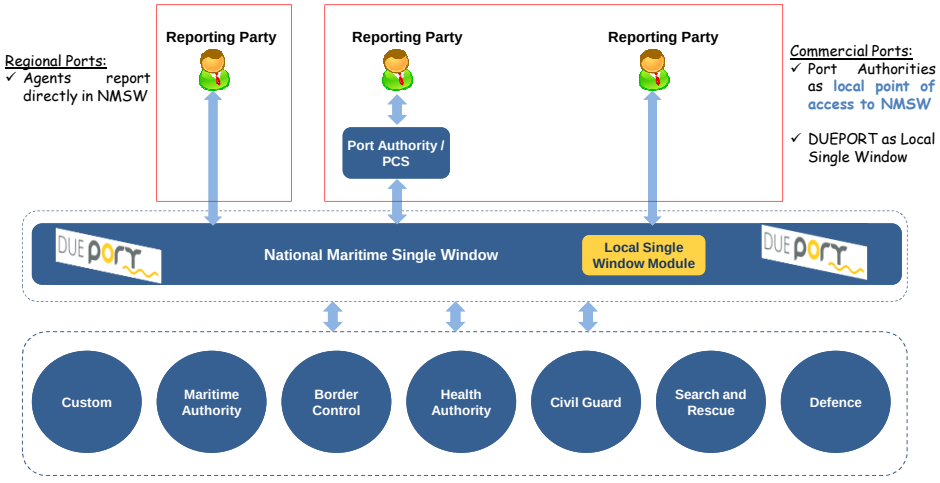
DATA MAPPING

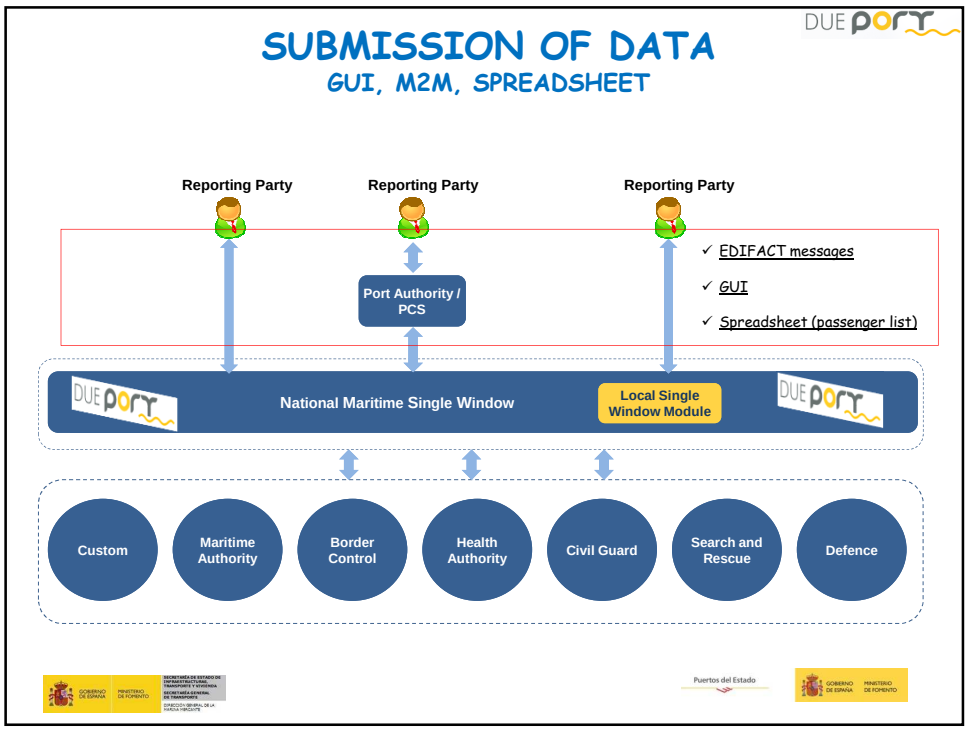
DECLARATION TYPES	FORMALITIES
✓ Ship Identification ✓ Ship Particulars ✓ Port of Call / Port Facility ✓ Voyage / Arrival-Departure ✓ Brief Decription of Cargo on board ✓ Purpose of Call / Planned Operations	• Notification for ships arriving in and departing from ports of the Member States. • FAL form 1: General Declaration. • National relevant legislation ▪ Port Management / Port dues/ Passenger List safety purposes.
✓ Security Information (ISPS)	• Notification of security information.
✓ Passenger List ✓ Crew List	• Border checks on persons. • FAL form 5: Crew List. • FAL form 6: Passenger List.
✓ Waste and Residues	• Notification of waste and residues.
✓ Dangerous and Pollutant Goods	• Notification of dangerous or polluting goods carried on board. • FAL form 7: Dangerous Goods
✓ Maritime Declaration of Health MDH	• Maritime Declaration of Health.
✓ Summary Declaration Temporary Storage ✓ Cargo Manifest	• National relevant legislation • FAL form 2: Cargo Declaration.

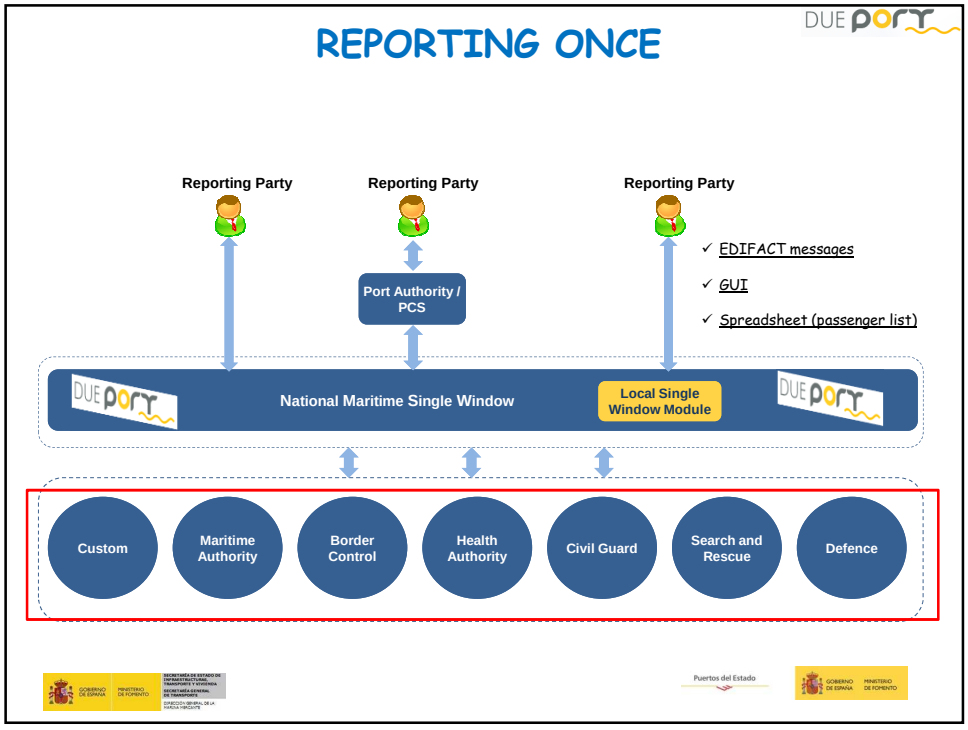
FAL form 3: Ship's Stores Declaration and FAL form 4: Crew's Effects Declaration are not required in Spain.

SUBMISSION OF DATA

Types of ports, function of PCS




SUBMISSION OF DATA
GUI, M2M, SPREADSHEET
DUE port
Reporting Party
Reporting Party
Reporting Party
✓ EDIFACT messages
✓ GUI
✓ Spreadsheet (passenger list)
Port Authority / PCS
National Maritime Single Window
Local Single Window Module
Custom
Maritime Authority
Border Control
Health Authority
Civil Guard
Search and Rescue
Defence


REPORTING ONCE
DUE port
Reporting Party
Reporting Party
Reporting Party
✓ EDIFACT messages
✓ GUI
✓ Spreadsheet (passenger list)
Port Authority / PCS
National Maritime Single Window
Local Single Window Module
Custom
Maritime Authority
Border Control
Health Authority
Civil Guard
Search and Rescue
Defence

EDIFACT MESSAGES

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

Security Information (ISPS)

→ EDIFACT message: BERMAN v 4.1

Passenger List
Crew List

→ EDIFACT message: PAXLST v 4.1
Spreadsheet: csv dic 2016

Waste ad Residues

→ EDIFACT message: WASDIS v 4.1

Dangerous and Pollutant Goods

→ EDIFACT message: IFTDGN v 4.1

Maritime Declaration of Health MDH

→ XML message: MDH v 1.6

Summary Declaration Temporary Storage
Cargo Manifest

→ EDIFACT message: IFCSUM v 3.3

SPREADSHEET FOR PASSENGER AND CREW LIST (CSV) (format definition)

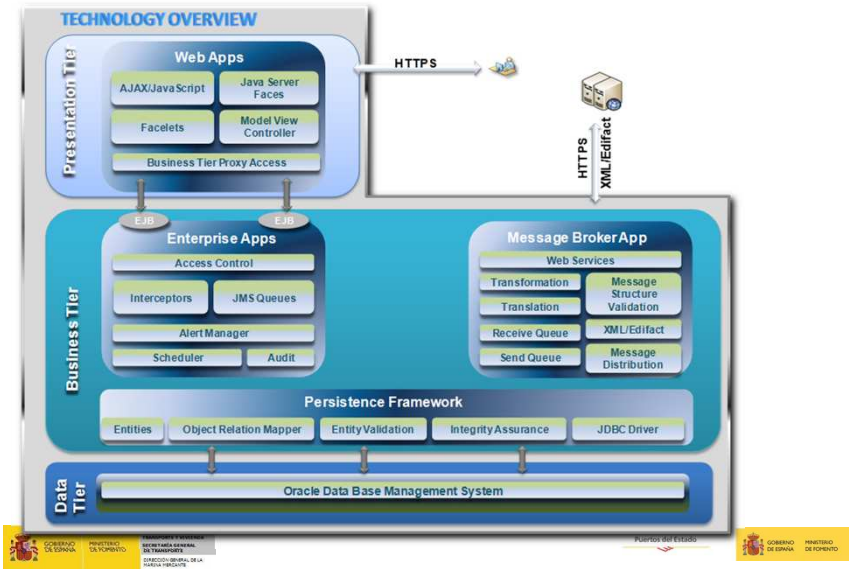
CSV FILE DEFINITION

FIELDS	FIELD	FIELD	FORMAT	Passenger	Crew Data	""Lista Avance""	Description	EDI Correspondence
Type	TEXT	1	List	mandatory	mandatory		Type of passenger or crew list	
EntExit	TEXT	1	"Master List -> EntryExitType	mandatory	mandatory		Type of list (entry or exit)	
FirstName	TEXT	35	free text	#mandatory	#mandatory		Mandatory passenger or crew list	NAD09(3039)
LastName							Mandatory passenger or crew list	NAD09(3039)
DocumentType	TEXT	3	Document	#mandatory	#mandatory		Mandatory passenger or crew list	NAD09(1131)
DocumentNumber	TEXT	17	free text	#mandatory	#mandatory		Mandatory passenger or crew list	NAD09(3039)
VisaNumber	TEXT	17			optional		Optional crew list	NAD09(3039)
DocumentExpiryDate	DATE	10	DD/MM/YYYY			#mandatory	When "Lista de Avance" is required, the field will be mandatory for the Passenger and Crew Lists.	DTM10(2380)
Nationality	TEXT	2	Country(ISO	#mandatory	#mandatory		Person Nationality	NAD09(3207)
DateOfBirth	DATE	10	DD/MM/YYYY	#mandatory	#mandatory		Date of birth	DTM10(2380)
PlaceOfBirth	TEXT	5	country+localization(locode)	#mandatory	#mandatory		Place of birth - if doesn't exists, indicate only the country	LOC12(3225)
Category	TEXT	3	"Master List -> Categories		#mandatory		Professional category	EMP13(3005)
CategoryDescription	TEXT	35	free text		conditional		If category is "ZOT-Otros", description is required	EMP13(3004)
Gender	TEXT	1	"Master List -> gender			#mandatory	When "Lista de Avance" is required, the field will be mandatory for the Passenger and Crew Lists.	NAD09(3036)
VehicleLicensePlate	TEXT	35	free text			optional/mandatory	Mandatory data for all vehicles passing by, either carrying or not pasengers or crew members	NAD09(3036)
VehicleBrand	TEXT	35	free text			optional	Optional data if a vehicle license-plate is filled	NAD09(3036)
VehicleModel	TEXT	35	free text			optional	Optional data if a vehicle license-plate is filled	NAD09(3036)
EmbarkationPort	TEXT	5	country+port(locode)			mandatory	When "Lista de Avance" is required, the field will be mandatory for the passenger and crew lists. It will also be mandatory if exists vehicles mentioned without attaching to passengers in the passenger lists.	LOC12(3225)
DisembarkationPort	TEXT	5	country+port(locode)			mandatory	When "Lista de Avance" is required, the field will be mandatory for the passenger and crew lists. It will also be mandatory if exists vehicles mentioned without attaching to passengers in the passenger lists.	LOC12(3225)
EmbarkationDate	DATE	16	DD/MM/YYYY HH:MM			mandatory	When "Lista de Avance" is required, the field will be mandatory for the passenger and crew lists. It will also be mandatory if exists vehicles mentioned without attaching to passengers in the passenger lists.	DTM10(2380)
DisembarkationDate	DATE	16	DD/MM/YYYY HH:MM			mandatory	When "Lista de Avance" is required, the field will be mandatory for the passenger and crew lists. It will also be mandatory if exists vehicles mentioned without attaching to passengers in the passenger lists.	DTM10(2380)
EmbarkationTicket	TEXT	12	free text	optional	N/A		Passenger Embarkation Ticket Number	DOC15(1004)
CouponNumber	TEXT	15	free text	optional	N/A		Passenger Embarkation Coupon Number	DOC15(1004)
ShippingCompany	TEXT	5	free text	optional	N/A		Invoicing Shipping Company	FTX12(4441)
AcreditationType	TEXT	2	"Master List-> Acreditation Type	optional	N/A		Passenger Acreditation Type	ATT10(9021)

GRAPHICAL USER INTERFACE

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

TECHNICAL ARQUITECTURE



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 ???

ADITTIONAL DATA (ANNEX C):
Yes

RESPONSIBLE:
Puertos del Estado

INTERCONECTION OF AGENCIES:
Public domain

MSW2MSW:
Feasible

NATIONAL SOLUTION BASED ON EXTENSION:
SSN
New system

HOSTING ADMINISTRATIVE AND TECHNICAL:
Public

DUEPORT. General Data

Port Authorities and/or Reporting Parties

What: Vessel Call Information and Cargo Information

How: EDIFACT Messages:
- BERMAN
- IFTDGN
- PAXLST
- WASDIS
- APERAK
- IFCSUM
- CUSREP
- CUSCAR
- CUSRES

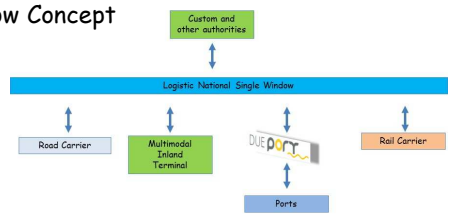
- 9 National Administrations
- 70 Ports
- ~500 New vessel calls per day
- 50.000 Messages exchanged per day

Custom	Maritime Authority	Border Control	Health Authority	Civil Guard	Search and Rescue	Defence
What: Manifest and Summary Declarations	**What:** Vessel Call Information and Ships Clearance	**What:** Passenger and Crew Lists	**What:** Maritime Declaracion of Health	**What:** Vessel Call Information	**What:** MRS information	**What:** Vessel Call information
How: CUSREP and CUSCAR EDIFACT Messages over Web Services	**How:** Database integration over secure government network	**How**: Custom XML messages over SOAP Web Services	**How:** Custom XML messages over SOAP Web Services	**How:** Custom XML messages over SOAP Web Services	**How**: Custom XML messages over SOAP Web Services	**How:** Custom XML messages over SOAP Web Services

FUTURE

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

- ✓ Multi-modal Logistic Single Window Concept



THANK YOU !!!!!

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