



# **ECASBA EUROPEAN SEMINAR 2023**

**BRUSSELS**

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**SHIP REPORTING: EMSWe**  
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# European Maritime Single Window environment (EMSWe) State of play

ECASBA - 2023 European seminar

*20 June 2023  
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DG MOVE D1*

# EMSWe - background

***Maritime National Single Window (MNSW)*** means a nationally established and operated technical platform for receiving, exchanging and forwarding electronically information to fulfil reporting obligations.

The technical architecture set up by Regulation (EU) 2019/1239 on EMSWe is based on decentralised network of MNSWs established in 2010 by the Reporting Formalities Directive 2010/65/EU.

MNSWs are up and running since 2015.

# EMSWe Regulation (EU) 2019/1239: objectives and measures

## Reduction of administrative burden for shipping industry

### Data Harmonisation

EMSWe data set

Message  
Implementation Guide

### Harmonised interfaces

System-to-system  
interface

Graphical User  
Interfaces

Harmonised  
spreadsheets

### Once-only principle

Sharing of information  
between authorities

Data re-use  
(departure/arrival)

Common EU  
databases

# EMSWe – key advancements

- Elaboration and adoption of secondary legislation
- Multi-annual Implementation plan 2023 update
- Development of the common IT components
- Work on the Message Implementation Guide

# Elaboration and adoption of secondary legislation

- **Delegated Regulation** as regards the establishment of the European Maritime Single Window environment data set and amending its Annex
  - Adopted on 7 November 2022 and published on **3 February 2023** – [\(EU\) 2023/205](#)
- **First Implementing Regulation** laying down technical specifications, standards and procedures for the European Maritime Single Window environment
  - Adopted on 28 October 2022 and published on **3 February 2023** – [\(EU\) 2023/204](#)
- **Elaboration of second Implementing Act** laying down specifications for S2S communication in progress with DTTF Committee

# Multi-annual Implementation plan 2023

- Work on the secondary legislation
  - Planning of the adoption of further secondary legislation
  - Indications on the elaboration of the Message Implementation Guide (MIG)
- Planning divided per component/service rather than applying the same implementation phases
  - Indications for EU central development, timeframes for national development and testing with central services and industry

# Development of the main common IT components

Year	2023			2024				2025	
Quarter	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Reporting Interface Module &amp; EMSWe User Registry Access Management System</b>									
Releases of RIM		◆	◆						
URAM in acceptance testing		◆							
MS/Industry integration and testing				█					
<b>Message Implementation Guide</b>									
Formality Messages	█								
Response Messages	█								
<b>Common Addressing Service</b>									
Elaboration of Specifications	█								
Development/Integration with RIM				█					
<b>EMSWe Databases (Ship, Location, Hazmat)</b>									
Development		█							
Integration with MS systems						█			



# Work on the Message Implementation Guide

- Work is led by EMSA
- For harmonised B2G data exchange: 53 formality and 5 response message types
- As basis UNECE MMT reference data model (other data models are explored)
- MIG has influence on harmonised spreadsheets to be used in MNSW GUIs (in total 14 spreadsheet templates yet to be created)

# Work on the Message Implementation Guide

NOA	Notice of pre arrival	Ongoing
PXA	Passenger list at arrival	Ongoing
PXD	Passenger list at departure	Ongoing
CWA	Crew list at arrival	Ongoing
CWD	Crew list at departure	Ongoing
HZA	Notification of hazardous materials (dangerous and polluting goods) on board at arrival	Ongoing
HZD	Notification of hazardous materials (dangerous and polluting goods) on board at departure	
WAS	Advance notification for waste delivery to port reception facilities	Ongoing
WAR	Waste delivery receipt	Ongoing
SEC	Notification of security information	Ongoing
NOD	Notice of pre departure	Ongoing
BLU	Safe loading and unloading of bulk carriers	
EXP	Notification of expanded inspection	
MSA	Maritime transport statistics at arrival	Ongoing
MSD	Maritime transport statistics at departure	Ongoing
STA	Declaration of stores on board at arrival	
STD	Declaration of stores on board at departure	
EFF	Crew's effects declaration	
CGA	Cargo declaration at arrival	Ongoing
CGD	Cargo declaration at departure	
MDH	Maritime Declaration of Health	
NAC	Notification of arrival to the customs office of first entry	Under discussion
PRN	Presentation Notification	Under discussion
TSD	Temporary storage declaration	Under discussion
CGM	Customs goods manifest	Under discussion
PPA	Presentation of the proof (at arrival)	Under discussion

TRD	Electronic transport documents used for transit at departure	Under discussion
TRA	Electronic transport documents used for transit at arrival	Under discussion
EXT	Exit notification	Under discussion
EXS	Exit Summary Declaration	Under discussion
REN	Re-export notification	Under discussion
ATA	Notification of actual arrival	
ATD	Notification of actual departure	
NOS	Notification of shift in port	Ongoing
HZS	Notification of hazardous materials (dangerous and polluting goods) on board during a shift	
BWA	Ballast water	
BKA	Bunkers at arrival	
BKD	Bunkers at departure	
ACT	Expected activities notification	
DUE	Fairway dues declaration	
SRV	Request for service	
NAV	Navigation report	Ongoing
CRT	Ship certificates	
SHP	Ship information	Ongoing
VIS	Ship visitors declaration	
SSA	Ship to ship activity declaration	
STW	Stowaways notification	
ABS	Absentee declaration	
HOS	Hospitalised crew member declaration	
PBK	Passenger booking	Ongoing
VID	Request for Visit ID	Ongoing
SID	Ship identifiers notification	Ongoing
COA	Cancellation of port call	

# Other advancements and next steps

- Definition in the governance of EMSWe to set a smoother road for the operational phase – industry to continue to play an important role
- Continuous elaboration of functional architecture
- Work to be started on defining the re-use of data

# Thank you



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