



KYSTVERKET

WS on Harmonized Ship-
Shore Exchange of
Adm & Oper Data
Mars 2022

Norwegian Safeseanet and *Future* “New Interactions”

Jarle Hauge

Principal Engineer

Norwegian Coastal Administration

– Vi tar ansvar for sjøvegen

Norwegian Safeseanet (SSNN)



– Vi tar ansvar for sjøvegen



KYSTVERKET

Norwegian Safeseanet (SSNN)

Ship Reporting > Create Continue Voyage

Voyage Registration (Continuation)

Ship Voyage Details Quay Hazmat Bunkers Ship Stores Crew Crew Effects Pax Military Waste NOx PSC Pilotage VTS Confirm Clearance

Ship
Ship Name: SSN OFFICIAL TEST VESSEL Call Sign: SSNTST IMO No: 9999999 Gross Tonnage: 3000 Length: 90 Ship Type: Unknown
ESI Score: 34.6 NOx Score: 10.9 SOx Score: 23.73 CO2 Score: 0 Valid: 01.04.2018 - 30.09.2018 Onshore Power Supply: No
Inmarsat: 430485310 Telephone: +47 46945503 Email: salesund@ncl.no Mobile Phone: +49 15114716339 Iridium: +870 773922429

Departure and Arrival Ports
Departure Port: Rotterdam (NLRTM) Departure ETD: 04.03.2022 12:00
Arrival Port: Haugesund (NOHAU) Arrival ETA: 06.03.2022 11:00 Arrival ETD: 07.03.2022 11:00

Quay Request

Request Information
Current Request Status: Request [2]
Quay Remark: N/A
Contact Details: Show

Quay

Information from the quay administrator
(Last changed: 17.03.2020 11:26:30, local time)
Arrival of non-ISSC vessels only after approval by Karmund Port.

Ask the quay administrator directly - which quay to use.
 Request specific port facility
-- Select Port Facility
Request specific quay
Garpeksjær 2 (3-0522) (NOHAU) Hide map

Norway Nautical

Port
 Port Facility
 Non-SPS Quay
 SPS Quay
 Shore Power

Agent in Arrival Port
Company Name: Kystverket
Contact Person: Jarle Hauge
E-mail: jarle.hauge@kystverket.no
Note: Supports comma separated e-mail addresses.

Notifications
 Send quay request updates by e-mail to: [?]
Note: Supports comma separated e-mail addresses.

Services
(Optional) Specify required services and/or planned operations:
 Bunkers Freshwater Ra-ro ramp
 Cargo storage Line's men Shore power
 Crane Other Tug boat
 Deliver waste Repairs
Remark:

Invoice Receiver
 Existing Company Invoice Address Custom Company Invoice Address
Company Name: [] Search
Company Name: KYSTVERKET
Organization No: 874783242
Customer No: 12279
Address Line 1: Postboks 1502
Postal Code/City: 6025 ÅLESUND
Country: NORWAY
Mark Invoice With: []
Remark
Use this field to supply additional information regarding the quay request.

Ship Reporting > Create New Voyage

Voyage Registration (New)

Ship Voyage Details Quay Bunkers Cargo Ship Stores Crew Crew Effects Pax Security Military Waste Pilotage VTS Confirm Clearance

Ship
Ship Name: EDDA FERD Call Sign: LGJZ IMO No: 9625504 Gross Tonnage: 4870 Length: 92,2 Ship Type: Platform Supply Ship
ESI Score: 100 NOx Score: 64,21 SOx Score: 28,33 CO2 Score: 5 Valid: 01.07.2021 - 31.12.2021 Onshore Power Supply: Yes
Inmarsat: 422919310 Telephone: +47 22409490 Email: bridge.ferd@eddaferd.ostensjo.no Mobile Phone: +47 40994542 Iridium: ---

Departure and Arrival Ports
Departure Port: Nordsjoen (XZ2NO) Departure ETD: 01.09.2021 10:00
Arrival Port: Roavika (NORIV) Arrival ETA: 03.09.2021 10:00 Arrival ETD: 04.09.2021 10:00

Map
Hide map
Normal
Map showing a red route network in the North Sea region, including ports like Tananger, Feistein, and other coastal locations.

Vessel Traffic Service

Request for VTS Clearance
VTS Area: kvitsøy VTS
ETA to VTS Area: 03.09.2021 02:00
Intended sailing route within the VTS Area: Tananger - Feistein Outbound
Remark: Dette er en test
Update Clear

VTS Clearance Requests

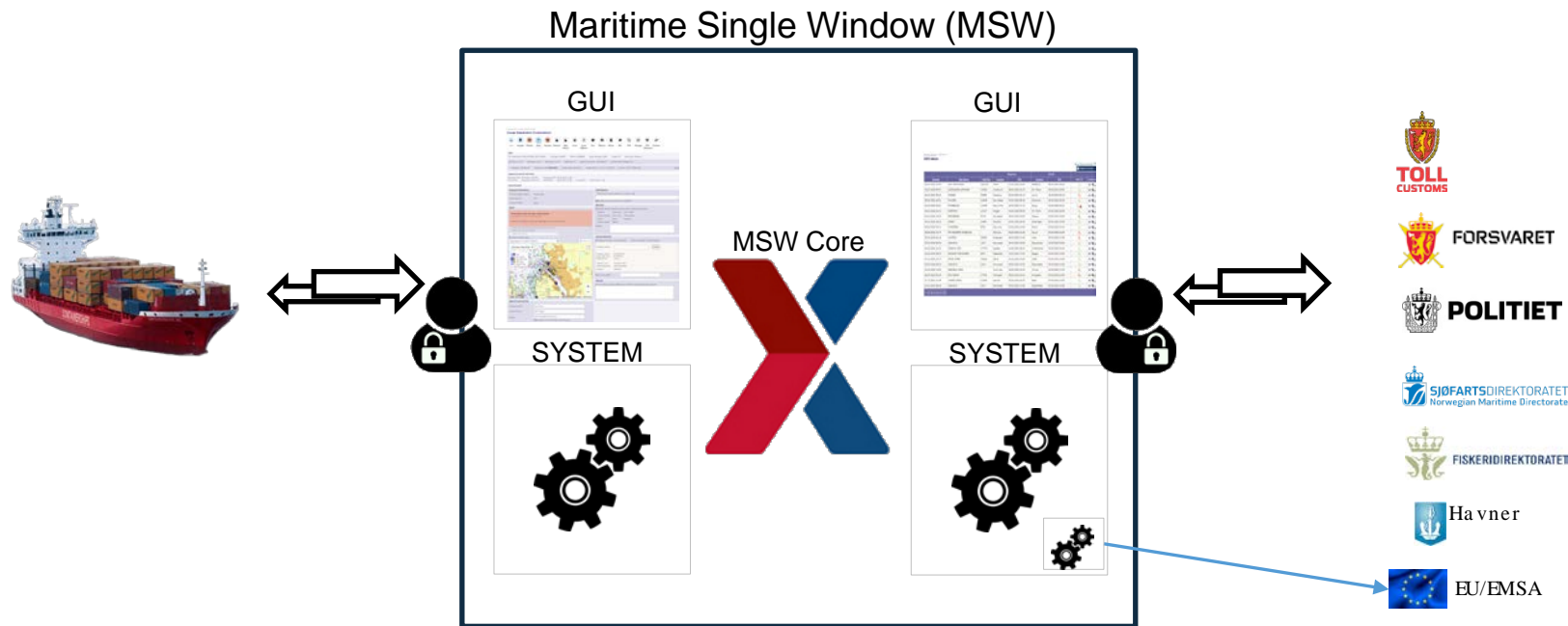
VTS Area	ETA	Route	Action
Kvitsøy VTS	03.09.2021 02:00	Tananger - Feistein Outbound	Select Delete

- Vi tar ansvar for sjøvegen



KYSTVERKET

Norwegian Safeseanet (SSNN)



– Vi tar ansvar for sjøvegen



KYSTVERKET

European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

Future

The EMSWe Regulation **repeals Directive 2010/65/EU** on reporting formalities and, building on the existing maritime national single windows (MNSWs), establishes a **common, interoperable environment** for the reporting of information from ships to shore during a port call.

In particular, it empowers the Commission to **define a harmonised data*** set covering all reporting obligations and to **develop and maintain common interfaces and services for the MNSWs.**

The EMSWe Regulation will apply from 15 August 2025.

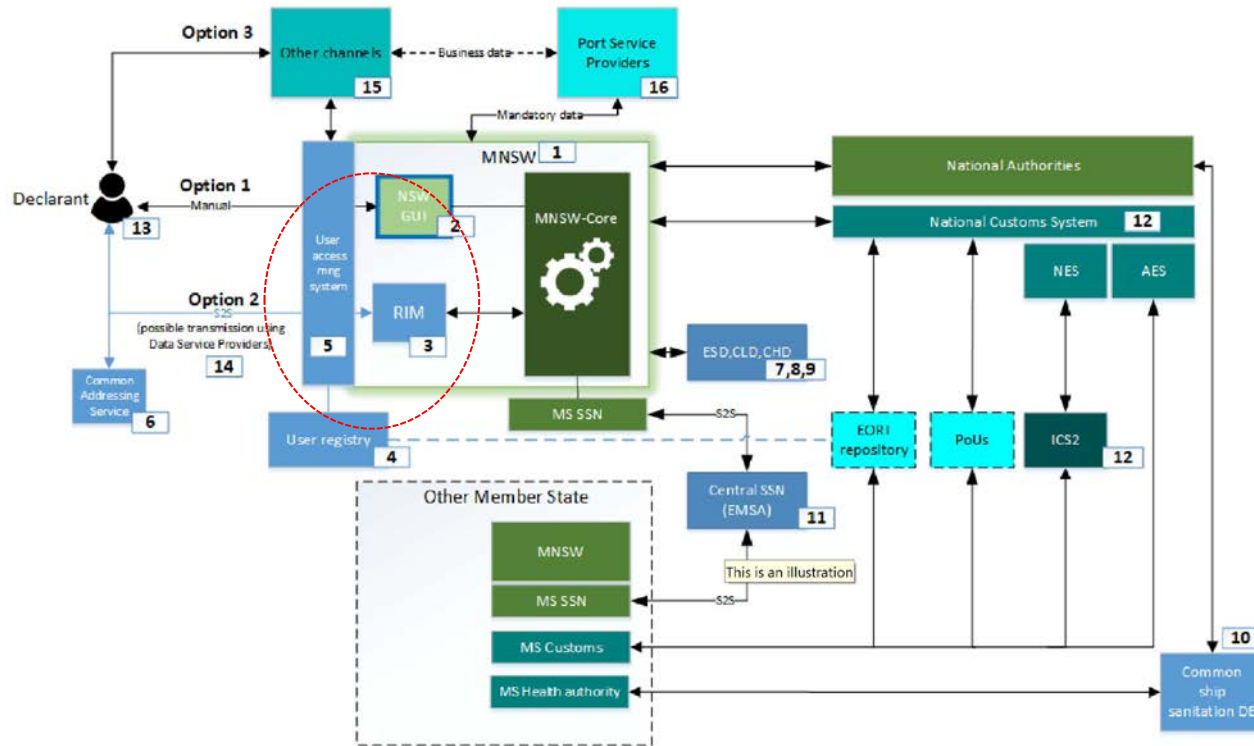
*pt. 1200-ish data elements



European Maritime Single Window environment (EMSWe)

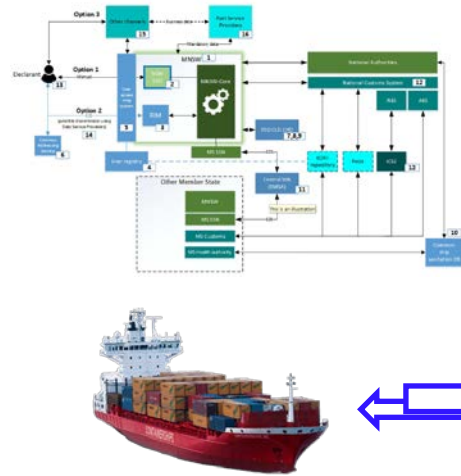
Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

Overall indicative EMSWe architecture

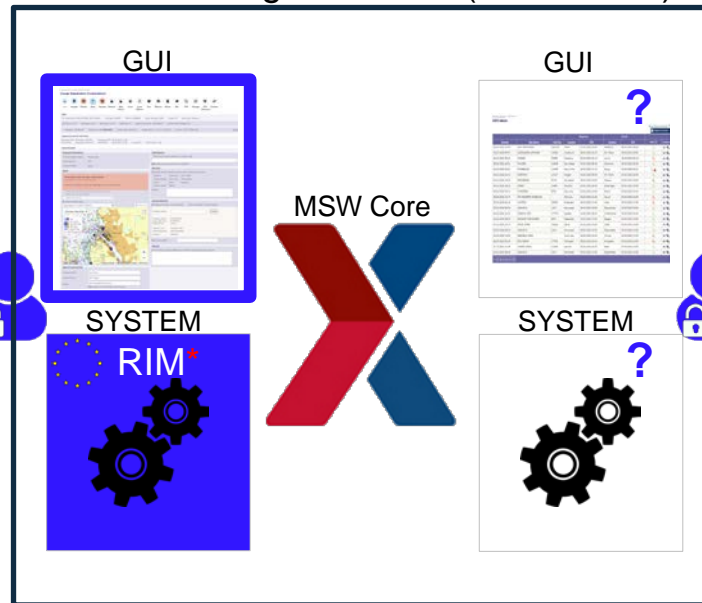


European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019



Maritime Single Window (MSW 2025)



- TOLL CUSTOMS
- FORSVARET
- POLITIET
- SJOFARTSDIREKTORATET
Norwegian Maritime Directorate
- FISKERIDIREKTORATET
- Havner
- EU/EMSA

*harmonised Reporting Interface Module

– Vi tar ansvar for sjøvegen



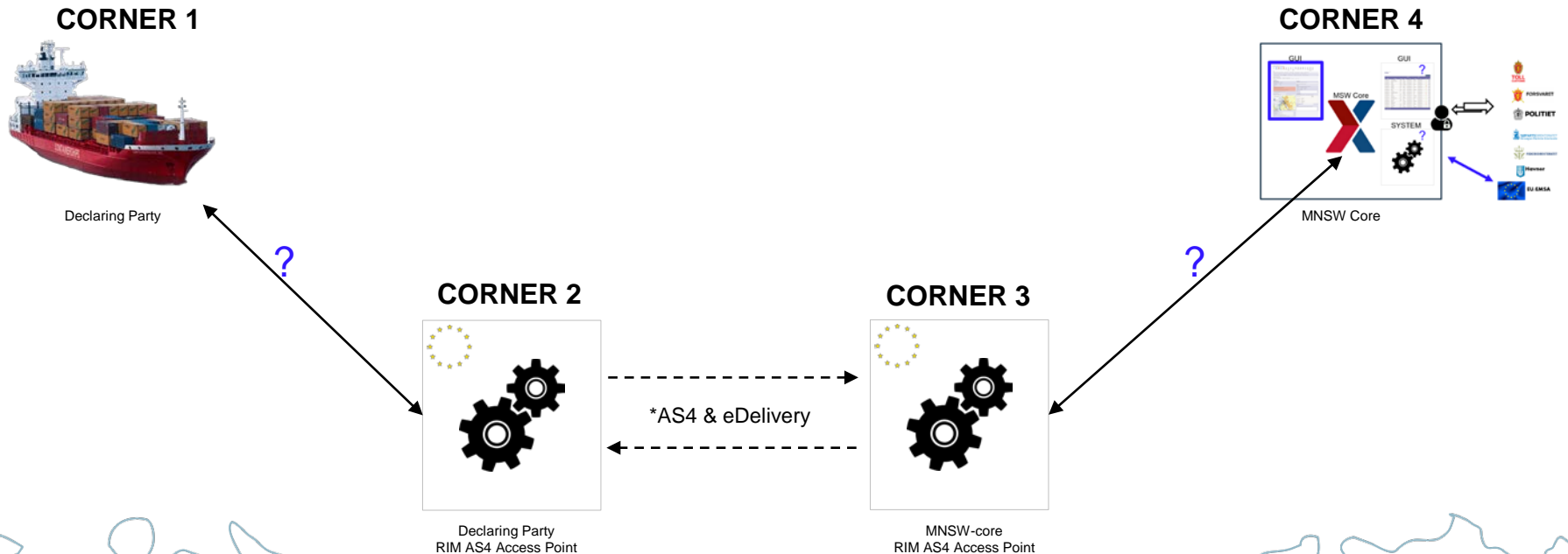
KYSTVERKET

European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019



Reporting Interface Module (RIM) 4 corner model



– Vi tar ansvar for sjøvegen

*AS4 (Applicability Statement 4) is an [open standard](#) for the secure and payload-agnostic exchange of [Business-to-business](#) documents using [Web services](#).



KYSTVERKET

Thank you for your attention!



jarle.hauge@kystverket.no