



4th SSN LRIT Group Meeting

Interoperability Project

Agenda item 4.6.1

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Promotion of interoperability between industry and competent authorities in the European Maritime Single Window (EMSW) environment under the CISE Process

Action grant from DG MARE

Action 1.2.1.4 of European Maritime and Fisheries Fund's work programme for 2018 - Commission Implementing Decision C(2017)8146

Grant agreement signed September 2018

Duration: 3 years

Budget: € 3.000.000

Main tasks

1. Enable a more efficient data exchange regarding port documentation between authorities using SafeSeaNet including cargo information
2. Enhance connectivity between authorities and end-users in the different Member States
3. Develop an EMSW environment demonstrator including harmonised NSW interfaces
4. Improve information exchange ship-to-shore using VHF Data Exchange-satellite (VDE-SAT) communications by setting up a data processing capability



Short term:

1. Facilitation of MRS and VTS reporting
2. Development of EMSA central databases
3. Security and new technologies study for SSN and EMSW data exchanges

Longer term:

4. Ship-to-shore information exchange using VDE-SAT
5. Definition of part C formalities
6. Definition of the EMSW data model and messages
7. Development of an EMSW interface demonstrator
8. Exchange of NSW data via SSN (re-use of data between EU ports)



Test technical solutions to re-use information already available in the SSN Ecosystem to

- Improve coastal stations' awareness of their areas of control
- Minimise reporting burden for MRS and ships by
 - Prefilling MRS reports or
 - Only requesting ships to confirm information already available or
 - Ultimately even reduce number of data communicated from ship to shore



Approach:

- Establish a common « **Integrated Ship Report** » (ISR)
- **Distribute the ISR** to VTS and MRS authorities via different channels (e.g. S2S, Web, email)
- VTS would use the ISR to have a detailed overview of ships navigating in their areas
- MRS operators would re-use ISR information when preparing MRS reports
- Ships would be requested to confirm already reported data and not to report it again

Facilitate MRS and VTS reporting



Set up:

Implemented as a pilot project with volunteer Member States

1. Define data elements and their sources in order to cover the needs of different MRS/VTS authorities in a harmonized way
2. Define the method for distributing the ISR
3. Support MS in integrating and using the ISR
4. Test the concept with MRS/VTS authorities
5. Investigate possible needs for amending existing IMO and EU legal acts for MRS and VTS reporting. The pilot project will not anticipate any change to such legal acts or to services delivered by VTS or MRS

Investigate synergies with the S2S service request from France for providing Vessel Traffic and SSN related information for SAR and maritime event decision support (presented at IMS 11 – May 2018)



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