



IRD phase 4 – progress report

Project Roadmap

Facilitation of ship to shore reporting pilot project – 8th meeting

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Background

- At the 5th meeting EMSA informed the participants that the project would be extended until the end of 2021 and the project participants agreed that EMSA will further work on the IRD to address issues and ideas received during the testing (IRD phase 4).
- The contract has been prepared in a “time and means” method and consequently does not have fixed definition of the requirements to be delivered.
- The contract was signed in June 2021 and the development started in July 2021.

- The first release of IRD phase 4 (IRD 1.3) has been delivered to EMSA on 08 October and installed in Production on 15 November 2021.
- The following features are included:
 - ✓ Connection to new sources of information. The Integrated Ship Report (ISR) includes data from the Port Call Detection service;
 - ✓ Display of details coming from SSN (e.g. Hazmat) in a user-friendly way;
 - ✓ Use of new ABM algorithms. It is possible to configure ISR based on two new types of ABM: Entering Area and Line Crossing;
 - ✓ Update of ISR messages to include indication about the trigger (e.g. ABM, Hazmat received, etc.) and name of the distribution service;
 - ✓ Feature that repeated ABM alerts will not generate duplicated reports;
 - ✓ Improved system performance;
 - ✓ Other improvements requested by the users (e.g. keep last filter, name of the distribution service always visible, additional attributes for e-mail subject configuration)



IRD Integrated Reports Distribution



Distribution Services



Voyage Plan Ships

What's next?



- It is planned to have one more release (IRD 1.4) developed within the existing contract – January 2022.
- This release will include improvements to the Ship DP GUI:
 - ✓ Mandatory elements shall be marked;
 - ✓ Possibility to choose format of geographical position;
 - ✓ Possibility to have list of predefined routes per MRS area/system;
 - ✓ Search for ShipType attribute under designator U to be improved;
 - ✓ Possibility to configure comment for Bunker information under designator X.
- In addition the following features are foreseen for the Authority GUI:
 - ✓ Connection to the new Central Ship Database (CSD);
 - ✓ Possibility to select attributes for ISR at block of data level;
 - ✓ Only active information to be displayed.

Project Roadmap



July 2021 – January 2021	Development of IRD phase 4 Testing of IRD – operational tests
November 2021	First release of IRD phase 4 (1.3) available to Member States
December 2021	8 th meeting organised in Denmark to demonstrate use of IRD
January – February 2022	Second release of IRD phase 4 (1.4) available to Member States 9 th meeting to summarize the pilot project

Possible continuation – Actions taken



- **EMSA Single Programming Document (SPD) 2022-2024 has been updated to include the following task:** *EMSA will continue to work with the Member States to further develop facilitation services for coastal stations for ship-to-shore reporting.*

The SPD document was presented and approved by the EMSA's Administrative Board in November 2021.

- Establishment of the **SSN Working Group on Facilitation of ship to shore reporting** is proposed to the High Level Steering Group for Governance of the Digital Maritime System and Services (HLSG) for approval (8-9 December 2021).

WG on the facilitation of ship-to-shore reporting



The following tasks are proposed for the WG:

- Review the reporting procedures currently in place for Ship Reporting systems in the EU with the objective of reducing administrative burden, better re-using data and harmonising reporting processes;
- Share best practices between EU Ship Reporting systems;
- Review the guidelines for exchanging MRS notifications through SSN;
- Explore opportunities to continue the development of the IRD and test its suitability for additional ship-shore reporting processes (e.g. port reporting obligations);
- Review the results of operational tests of IRD;
- Prepare documentation and operational procedures for implementing IRD as fully operational service;
- Propose improvements to the IRD web interface and system interface;
- Further test new technologies (e.g. VDES) for the exchange of data between ship and shore;
- Work on technical specifications for displaying Integrated Ship Reports (ISR) in SEG.

Actions required



Member States are invited to:

- note information provided;
- continue with IRD testing to identify issues and ideas for improvement.