

Meeting: Pilot project on “Facilitation of ship to shore reporting” – 4th meeting

Place and date: Video conference, 10 December 2020

Agenda item: Integrated Report Distribution (IRD) version 2 – presentation of new version

Document number: 4.3

Submitted by EMSA

Summary	The document presents the changes introduced in the last version of the Integrated Report Distribution (IRD) system.
Action to be taken	As per paragraph 3.
Related documents	Document 3.3 IRD version 2 - changes and planning

1 Background

For the purpose of this project, a new “Integrated Reports Distribution” (IRD) service has been developed and is being tested with the participating MS. The IRD service uses existing back-end services from the SSN Ecosystem such as EIS, OVR, STAR-ABM and STAR-TRACKING to prepare and distribute to Member States’ coastal stations reports on ships sailing in their areas of interest.

The first version of the IRD aimed at testing connections between the IRD and the various back-end services to prove that the IRD can retrieve, process and integrate data coming from different sources into a single report. The first version was deployed in July 2019 and is available to Member States participating in the project.

At the 2nd meeting of the pilot project that took place on 25 September 2019, the project participants agreed that EMSA would further work on the IRD to reflect the comments received during the meeting and to build system-to-system connections with national systems.

At the 3rd meeting that took place on 23 June 2020, Member State provided their feedback on the IRD that EMSA would take into consideration for the IRD phase 2.

2 Current status

Following the 2nd meeting, EMSA worked on the technical specification for the IRD phase 2 and signed the contract for its development in February 2020. The development took place between April and September 2020. The new version was installed in EMSA Test environment at end of September and was tested during October and November. It is foreseen to install the IRD phase 2 in the Production environment on 07 December 2020.

The following features were added in the IRD phase 2:

- a. The Integrated Ship Reports (ISR) are available through system to system interface (SOAP and REST protocols) and e-mail, in addition to the web user interface.

- b. IRD has been connected to new sources of information. Apart from STAR-TRACKING (T-AIS and S-AIS data) and SSN-EIS (voyage, MRS and Incident Reports data) which were already connected in phase 1, the IRD started using to the Operational Vessel Registry (OVR) to get vessel particulars and to the STM project's Voyage Information Service (VIS) to retrieve information about Voyage Plans from the ships participating in the STM.
- c. The content of the ISR has been upgraded as agreed with the project participants (please refer to the ISR content document).
- d. ISRs can be generated by new triggers: at specific time intervals (e.g. every 30 minutes) or when specified information is updated (e.g. new S-AIS position, IR provided, etc.).
- e. The users having access to the details of Hazmat, Waste, Security, Bunkers, MRS or Incident Reports notifications can request them via the IRD web user interface.
- f. The end-user interface has been improved following the feedback received from the participating Member States.

EMSA will make a live demonstration of the IRD phase 2 during the meeting.

3 Actions required

Member States are invited to:

- Note the information provided and provide feedback on the IRD phase 2;
- Participate in testing of the new version;
- Inform EMSA about their willingness to establish system to system communication. The System Interface Guide (SIG) document is provided in the Annex.