

Meeting: 7th IMS User Consultation Meeting (UCM#7)

Place and date: Lisbon, 12 May 2016

Agenda item: 2 – IMDatE 1.6 and plan for 2.0

Document number: IMDatE 7.2.1

Submitted by EMSA

Summary	This paper provides a feedback on IMDatE releases 1.5, 1.6 and 2.0.
Action to be taken	As per paragraph 3
Related documents	[1] IMDatE User Consultation Meeting #6 – document UCM 6.5 [2] Minutes of the IMDatE User Consultation Meeting #6

1. Background

This paragraph introduces the content of IMDatE 1.5 and the current status of the IMDatE version 1.6 that will be released in May 2016.

IMDatE Release 1.5: this release went in production on 27 October 2015. It contained the following:

- Correction of some issues affecting:
 - ABM, Web User Interface, SAR SURPIC, Intergrated Ship Profile, etc.
- Validity/Invalidity Check of an AIS message and Doppler validation. These features were deployed but not made available to users. Further work is needed to use them operationally.

IMDatE Release 1.6: this release is planned to go live on 19 May 2016. An overview of the new functionalities included in this release for all the services provided via the IMDatE platform is provided below:

- More advanced search capabilities – searching for vessels with specific characteristics (identified in the registry files used in a specific operation)
- Data quality and consistency – improved, automatic management of the ship identifiers (in the Operational Vessel Registry (OVR))
- Access control and display of specific SSN and THETIS public information
- Monitoring of IMDatE usage – to allow improved understanding of the difference uses of IMDatE
- Vessel Detection System (VDS) processing changes

2. Overview of other planned developments and content of Release 2.0

Further developments: It is planned during the second quarter of 2016 to implement the following features:

- Web User Interface improvements (for all Services)
- Display of AIS AtoNs
- Display of Standard Search And Rescue aircraft position reports
- Display of AIS-SART Data
- Displaying Ice Charts (from Germany)
- Displaying UK AIS based station

Release 2.0: the following features are foreseen for this release (2.0 will be the next release after 1.7):

- Improvements to support scalability requirements. The purpose is to allow IMDatE to support the expected growth in volume of terrestrial and satellite AIS reports and the increase use of Automated Behaviour Monitoring.
- ABM and Vessel Detection improvements
- New Automated Behaviour Monitoring (ABM). This requirement includes, for example, the following scenarios:
 - Vessel leaves Area of interest X and enters Area of Interest Y
 - Vessel reports position outside Area X
 - Transponder switched off – under reporting
 - Separation between under and over reporting

The plan is to release IMDatE 2.0 in production environment by the last quarter 2016.

3. Action Required

IMS users are invited to take note of the information provided.