|  |  |  |
| --- | --- | --- |
|  |  |  |

# INTERNATIONAL 29.01.2024

# *IEC*

# Report from IEC TC80 WG15

# International Electrotechnical Commission – standardisation of AIS and VDES

Note by Stefan Bober

IEC TC 80 WG 15 is the responsible working group at IEC Technical Committee 80 for the development of AIS and VDES.

1. **Development IEC 63514 ED1 - VHF Data Exchange System (VDES) – Shipborne mobile station**

WG 15 has developed a Publically Available Specification for the VHF data exchange system (VDES) covering the function of Application Specific Messages (ASM); which was published as IEC PAS 63343 in February 2021.

WG15 has started the development of the standard for VDES shipborne mobile station following the approval of the work item at its meeting in August 2023. The concept of VDES includes the functionality of AIS, ASM, VDE TER and VDE SAT.

The number and title of the project is IEC 63514 ED1 - Maritime navigation and radiocommunication equipment and systems - VHF Data Exchange System (VDES) – Shipborne mobile station – Operational and performance requirements, methods of test and required test results.

The following timeline for the development of the standard is derived from document 80/1091/RVN:

- First CD: April 2024.

- Second CD: December 2024

- CDV: April 2025

- IS: August 2026

The proposed target date for an International Standard on VDES mobile station is 31 August 2026.

1. **Maintenance of AIS standards**

WG 15 maintains dedicated lists with topics identified as a stand-by input for the next maintenance of several IEC AIS standards. A number of issues are currently listed. WG 15 describes their observation in the dedicated lists for each standard.

WG 15 proposes to wait with the maintenance of those standards until the upcoming revision of Recommendation ITU-R M.1371-5. This allows to cover changes to the IEC standards requested by the revision of the underlying ITU recommendation. The revision of Recommendation ITU-R M.1371-5 towards ITU-R M.1371-6 is expected in 2025.