DTEC1-5.1.3.9.1

| **DTEC Committee Work Programme 2023-2027** | | | |
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| **Standard** | S1060 – Digital Communication Technologies  S1070 – Information Services | | |
| **Topic Area** | Digital Information System (WG1) | | |
| **Task** | Study, review and/or develop the documents related to Application Specific Messages (ASM) | | |
| **Objectives of the task** | * Promote the use of Application Specific Messages (ASM) * Assist the work in the International Maritime Organisation (IMO) on the introduction of VHF Data Exchange System (VDES). * Assist the work in the International Hydrographic Organisation on the development of S-100 series. | | |
| **Expected outcome** | IHO S-230 (Application Specific Messages)  Share the knowledge and understanding on ASM among IALA members | | |
| **Compelling need** | The use of ASM is limited compared to the worldwide acceptance of AIS, although the ASM, which is defined in IMO SN.1/Circ.289, covers wide range of needs of the maritime community.  Displaying ASM on ECDIS may be a key issue for the worldwide use of ASM; an appropriate specification for displaying ASM on ECDIS, i.e. IHO S-230, should be developed in due course.  In addition, 13 years have passed since IMO SN.1/Circ.289 was developed by IMO; the evolutionally improvement around the maritime radio communication must change the needs for ASM.  It is a good opportunity to study, review and/or develop the relevant documents on Application Specific Messages (ASM), as the work for the introduction of VHF Data Exchange System (VDES) has been approved by the 10th session of IMO NCSR Sub-Committee on May 2023. | | |
| **Strategic Alignment** | Goal 1:  G1 S2 Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, legislative frameworks and public expectations.  G1‐S3 Harmonise the information structure, Maritime Service Portfolios, and communications for e‐Navigation by creating standards, and by cooperation with other IGOs, to achieve worldwide interoperability of shore and ship systems, including IMO sustainability goals for a maritime transport system.  Goal 2:  G2 S1 Position IALA as the source of standards, knowledge, and expertise that will enable States to undertake and share the technical development of aids to navigation, in accordance with UNCLOS, SOLAS, and other obligations.  G2 S3 Coordinate the further development of VTS, e‐Navigation, and short range aids to navigation, taking into account new technologies and sustainability. | | |
| **Scope** | **In Scope:**  Developing S-230; the work may include as follows:   * Developing a template process/roadmap * Studying the associated S-100 and S-200 series; * Studying IMO SN.1/Circ. 289 in order to prioritise the messages and to identify the scope of the first version of S-230; * Drafting first version of S-230. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Preparation of a new IALA Guidelines.  Key milestones include:   * September 2023 (DTEC1) – Scope Task and prepare skeleton. * March 2024 (DTEC2) – Share the needs of member countries for ASM among IALA members. * October 2024 (DTEC3) – Prioritise the messages and decide the scope of the first version of S-230 * March 2025 (DTEC4) – Draft S-230 * October 2025 (DTEC5) – Draft S-230 * March 2026 (DTEC6) – Draft S-230 * Octorber2026 (DTEC7) – Improve Draft S-230 forwarding to Other Committees * March 2027 (DTEC8) – Complete Draft S-230 forwarding to Council for approval. | | |
| **Expected numbers of sessions for completion** | Session number:  1 2 3 4 5 6 7 8  X  X  X  X  X  X  X  X | | |
| **Committee notes** | **Origins** | Requested by ENAV Committee at [ENAV28] | |
|  | **Agreed by session** | **TD#** | **Comments** |
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|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |