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| SUB-COMMITTEE ON SAFETY OF  NAVIGATION  58th session  Agenda item 7 | NAV58/7/  Date  Original: ENGLISH |

**DEVELOPMENT OF POLICY AND NEW SYMBOLS FOR AIS AIDS TO NAVIGATION**

**IALA views on AIS aids to navigation**

**Submitted by International Association  
 of Marine Aids to Navigation and Lighthouse Authorities (IALA)**

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| **SUMMARY** | |
| *Executive summary:* | This document provides information regarding virtual aids to navigation developed by IALA. |
| *Strategic direction:* | *5* |
| *High-level action:* | *5.2.4* |
| *Planned output:* | *5.2.4.2* |
| *Action to be taken:* | Paragraph 6 |
| *Related documents:* | NAV57/8/2 |

**Background**

1. SOLAS Regulation V/13 describes that Contracting Governments undertake to take into account the international recommendations and guidelines when establishing such aids and its footnote recommends to refer to the appropriate Recommendations and guidelines of IALA.
2. IALA has issued Recommendation O-143 and Guideline 1081 regarding virtual aids to navigation (virtual AtoN).

**Different views on AIS-AtoN**

1. The report of the Correspondence Group views that the definition of AIS-Aids to Navigation is limited to transmitting Message 21 and as such is limited to representing single point information.
2. The IALA Recommendation and Guideline are not limited to the present technology of AIS-Aids to Navigation but should also include the Application Specific Message which is defined by SN.1/Circ.289 that presents line, area or subject information such as cautionary area, restricted area and distress area.

**Portrayal of Application Specific Messages**

1. It is necessary to develop internationally standardised symbols, portrayal and interfaces for Application Specific Messages for the effective use of the Messages and enhancement of the safety of navigation.

**Urgency of Application Specific Messages**

1. IALA understands that some aspects of Application Specific Messages are being addressed by the IMO Correspondence Group on e-Navigation. However IALA is of the opinion that introduction of Application Specific Messages should be implemented, as it will enhance the safety of navigation.

**Action requested of the Sub-Committee**

7 The Sub-Committee is invited to consider and decide as appropriate.

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