

**IALA COUNCIL**  
**3<sup>rd</sup> session**



**8 - 12 December 2025**  
**Mumbai, India**

## **10 – TECHNICAL ACTIVITIES**

### ***10.1 – Committee work organisation***

#### 10.1.2.1 Proposal on the 3<sup>rd</sup> joint IHO IALA workshop on S-100/200 validation and implementation

Note by ARM

### **1. SUMMARY**

The first Joint IHO/IALA Workshop, held in 2022 in Ålesund, Norway, focused on the development and portrayal of S-100/S-200 Product Specifications. The second Workshop, held in 2024 in Annapolis, USA, advanced discussions on interoperability, technical implementation, and training for S-100-based services.

Building on the success of these previous events, the ARM Committee has developed a proposal for the 3rd Joint IHO/IALA Workshop, which will concentrate on the validation and implementation of S-100 and S-200 Product Specifications, including the portrayal of data and information. The workshop aims to strengthen common understanding between IHO and IALA on the application of the S-100 framework and to further harmonize the development and delivery of maritime services across both organizations.

### **2. THE COUNCIL IS REQUESTED TO**

**Approve** the workshop proposal as set out in the Annex A of this document.

**ANNEX A****DRAFT WORKSHOP PROPOSAL**

**3RD JOINT IHO/IALA WORKSHOP ON**  
**S-100/S-200 – VALIDATION AND IMPLEMENTATION**

<b>VISION</b>	O4 - Improve the provision and harmonisation of Marine Aids to Navigation globally, through targeted training, technical cooperation, and capacity building initiatives.
<b>PROPOSAL</b>	3 <sup>rd</sup> Workshop on the overarching goals and technical aspects regarding validation and implementation of the S-100/S-200 Product Specifications and the Portrayal of the data/information
<b>PURPOSE</b>	<ul style="list-style-type: none"> <li>To gain a common understanding between organizations regarding the concepts and use of the S-100 framework to advance the development and delivery of maritime services. Examine current efforts with the goal of harmonization between organizations.</li> </ul>
<b>POSSIBLE TOPICS</b>	<ul style="list-style-type: none"> <li>The findings from the previous workshops.</li> <li>Update from IHO NIPWG S-125 Task Group.</li> <li>S-98 interoperability as it pertains to S-124 and S-125.</li> <li>Technical Service for S-124.</li> <li>Lessons/gaps identified through testbeds and trials.</li> <li>Current status of S-100 framework including MRN.</li> <li>Guidance on S-100 validation steps and tools.</li> <li>S-100 security scheme IP based distribution and MCP.</li> <li>Training / capacity building.</li> <li>Advance portrayal regarding AtoN.</li> <li>Harmonized maintenance for S-100 based PSs between IHO / IALA.</li> <li>List of Lights requirements.</li> <li>Maintenance cycle of S-100 standard.</li> </ul>
<b>OUTCOMES</b>	<ul style="list-style-type: none"> <li>Proposed amendments to existing recommendations, guidelines and training.</li> </ul>
<b>GOALS</b>	<ul style="list-style-type: none"> <li>Maintain open feedback channels between IHO and IALA regarding Product Specification requirements and development processes.</li> <li>Share visions of the use of S-100 among stakeholders.</li> <li>Identify possible updates and recommend amendments existing documents.</li> <li>Provide clarity regarding development of S-100 based Product Specifications.</li> </ul>
<b>WHO</b>	<p>The workshop will provide a forum for discussion between experts from different IHO &amp; IALA committees and sister organisations. It is envisaged that invitations will be sent to:</p> <ul style="list-style-type: none"> <li>IHO/IALA National, Industrial &amp; Associate Members</li> <li>IEC</li> <li>CIRM</li> <li>Other stakeholders as identified by the steering group.</li> </ul>
<b>SIZE OF GROUP</b>	It is expected that the Workshop will attract a group of up to 100 persons
<b>WHERE</b>	Istanbul, Türkiye
<b>DURATION</b>	4 days
<b>WHEN</b>	1 – 4 September 2026

<b>COST TO PARTICIPANTS</b>	TBD
<b>PROCESS</b>	Through plenary and working groups.
<b>STEERING COMMITTEE</b>	<p>Proposed Steering Committee for the Workshop:</p> <ul style="list-style-type: none"> <li>Chair: IHO/IALA Co-Chair (secretariats)</li> <li>IHO Working Group Representative(s) (TBD by IHO Secretariat)</li> <li>1 representative from the 4 IALA Committees</li> <li>1 representative of Host Country (if any)</li> <li>IALA Technical Director</li> <li>IALA Technical Operations Manager</li> </ul>