Input paper: [[1]](#footnote-2) ARM21-6.2.4

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**X**  ARM **□** ENG **□** PAP **X** Input

**□** ENAV **□** VTS **□** Information

Agenda item [[2]](#footnote-3) 6.2

Technical Domain / Task Number 2 Related with task 2.2.2

Author(s) / Submitter(s) WWA

Model Course on AIS Data Management

# Summary

Following the discussions held during ARM20, the work on the development of a model course on AIS Data Management has now been consolidated. AIS has become an essential tool for maritime safety, security, and efficiency, yet the increasing complexity and volume of AIS data require structured training for those who manage and utilize this information.

The consolidated model course provides a standardized training framework to support maritime administrations, AtoN providers, VTS operators, data analysts, and decision-makers in acquiring the necessary skills to process and apply AIS data effectively.

## Purpose of the document

The Committee is invited to continue the work outlined in this document with the objective of finalizing the AIS Model Course. Once consolidated and endorsed by the ARM Committee, the course proposal should be submitted to the other IALA Committees for consideration and review, with the target of achieving approval by Council in June 2026.

## Related documents

ARM21-6.2.4.1 AIS Data management Model course template\_v2.0

ARM21-6.2.4.2 Overview AIS model course\_v3.0

# Background

The background is provided in the input paper to ARM20: ARM20-6.2.5 Input paper Model Course on AIS Data Management and Applicability for Safety of Navigation

# Discussion

During ARM21, the discussion could continue on the consolidation achieved at ARM20 through the AIS overview. Here are the main points that could be on the agenda:

1. Review of the Model Course
   * Go through the draft course structure (modules, learning outcomes, competencies).
   * Ensure alignment with IALA Recommendations/Guidelines.
   * Confirm the two complementary pathways (Data Management/Processing vs. Data Utilization) are adequate.
2. Validation of training needs and target audiences
   * Confirm the audiences (AtoN technicians, VTS operators, data analysts, decision-makers, etc.) proposed.
   * Confirm the sections:
     1. Staff requirements section (2.4)
     2. Course assessor (2.5)
     3. Teaching facilities (2.6)
     4. Student numbers (2.7)
     5. A white sheet with black text

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     6. …
3. Input from other committees
   * Comments received from ENG, VTS, ENAV, and other IALA Committees.
4. Delivery and implementation
   * Role of the IALA World-Wide Academy in delivery.
   * Possible delivery formats (face-to-face, blended, online).
   * How to incorporate case studies, exercises, and AIS data sets.
5. Timeline and Next Steps
   * LN to other Committees.
   * Define a clear roadmap to achieve Council approval in June 2026.

# Action requested of the Committee

The Committee is requested to:

1. Review the model course
2. Take action as appropriate

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-2)
2. Leave open if uncertain [↑](#footnote-ref-3)