

IALA COUNCIL
80th session



24-28 June 2024
Istanbul, Türkiye

10 – TECHNICAL ACTIVITIES

10.3 – ARM

10.3.1.– ARM 18 summary report

Note by the Secretariat

1. INTRODUCTION

The 18th session of the IALA ARM Committee was held from 15 to 25 April 2024, with the physical week at IALA HQ from 15 to 19 April. Dave Lewald served as Chair, Natasha McMahon as Vice-chair, and Thomas Southall as Secretary for the meeting.

The session saw participation from 107 representatives across 30 countries, including 19 first-time attendees. The ARM Committee reviewed 40 input papers and produced 29 output papers, including working papers from three Working Groups.

2. SUMMARY OF THE WORK ITEMS

During this session, the Committee reviewed and updated the work programme, adjusting several tasks based on the Committee's capacity. The discussions in the Working Groups covered the following topics:

Working Group 1:

- New guideline on buoy tender activities
- Maritime Autonomous Surface Ships (MASS)
- Contribution to the IMO STCW revision
- Safety and efficiency of navigation around offshore installations
- Quality management in AtoN service delivery
- Guideline on the use of drones for AtoN
- Risk management toolbox
- Establishment of AIS as a Marine AtoN

Working Group 2:

- Cyber security
- Developing a harmonized waterway concept
- S-200 related topics
- Communication with IHO NIPWG
- Guidance on the symbology and portrayal of AtoN for charting
- Technical services

- Provision of Maritime Services

Working Group 3:

- Risk management related tasks
- Developing a method to quantify and evaluate various risk control options
- Scan of current risk analysis tools and identifying potential candidates
- Monitoring the IRMAS reporting tool
- Developing measures and a method to monitor waterway risk

At the end of the week, the Committee finalized the following documents:

- A new draft Recommendation on the provision of Maritime Services in the context of e-Navigation
- A draft guideline on cyber security
- A service specification for the provision of AtoN Information

Additionally, the Committee produced two liaison notes to IHO NIPWG during this round of meetings.

3. OUTCOMES OF THE COMMITTEE

The following draft documents have been prepared for Council approval:

- C80-10.3.2 (ARM18-11.3.10) Revised Recommendation R1019 on Provision of Maritime Services in the Context of e-Navigation
- C80-10.3.3 (ARM18-11.3.1) Draft new guideline on cyber security specifics from an IALA perspective
- C80-10.3.4 (ARM18-11.3.7) Draft new Service specification for the provision of AtoN Information Service to end-users

The following draft liaison notes have been prepared for Council approval:

- C80-12.1.1 (ARM18-11.3.3) Liaison note to NIPWG on S-100 operational interaction diagram
- C80-12.1.2 (ARM18-11.3.8) Liaison note to NIPWG on Technical Service Specification

4. THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.