



IALA COUNCIL 68th session



10-14 December 2018
IALA Headquarters

11 – IALA TECHNICAL ACTIVITIES

11.2 – ARM

11.2.2 – ARM Committee papers for consideration at the 68th Session of the IALA Council

Note by the Secretariat

1. INTRODUCTION

The following papers are submitted from the 8th session of the ARM Committee (ARM8) for consideration of the Council at its 68th session.

2. DRAFT MODEL COURSES FOR APPROVAL

2.1. The Council is requested to approve the following revised Model Courses.

- C68-11.2.2.1 (ARM8-12.1.4) Draft Model Course L1.2 Master of AtoN Management Ed.1_Dec 2018

This is a new Model Course. It was prepared by the ENG Committee at ENG8 and reviewed / amended by the ARM Committee at ARM8.

The Master of Marine Aids to Navigation Manager course is an extension of the IALA Level 1 AtoN Manager course. While the Level 1 course focuses on training the operational, technical and managerial aspects of AtoN service provision at a practical level, the Master of AtoN Management course is more theoretical and addresses key aspects of AtoN governance from a strategic perspective. Its purpose is to assist Accredited Training Organisations and their teaching staff with the preparation and introduction of a specific training course for senior management personnel concerned with AtoN service provision or its supervision.

3. DRAFT SEMINAR / WORKSHOP PROPOSALS FOR APPROVAL

3.1. The Council is requested to approve the following draft seminar / workshop proposals.

- C68-11.2.2.2 (ARM8-12.1.9) Draft Proposal for Workshop on Cyber Security

Responding to the increased threat to cyber security and how it affects the operation of AtoN, the potential threats to e-navigation and the impact on maritime safety in general, the ENG and ARM Committees propose holding a workshop on cyber security. It is proposed that the workshop will be held in 2020 at a venue to be decided.

The purpose of the workshop is share knowledge, update IALA on cyber security threats, update IALA guidance on improvements in cyber security protection measures and prepare a strategy for combatting cyber security threats in the provision of AtoN.

5. IALA SUBMISSION TO OTHER ORGANISATIONS FOR APPROVAL

- C68-11.2.2.3 (ARM8-12.1.10) Draft liaison note to IHO NIPWG - Proposal for the Development of S-125 Product Specification (PS)

The liaison note clarifies the IALA position regarding the S-201 AtoN-PS being derived by IALA and the S-125-PS being developed by the IHO NIPWG. The liaison note proposes that S-125-PS would be a derivative of S-201 and requests the NIPWG to authorise the drafting of the S-125-PS to the



IALA S-201 Task Group. The S-125-PS would be adopted and maintained by NIPWG with routine consultation between IHO and IALA.

4. THE COUNCIL IS INVITED TO APPROVE THE DOCUMENTS MENTIONED ABOVE.

5. IALA SUBMISSION TO OTHER ORGANISATIONS APPROVED INTERSESSIONALLY (TO NOTE)

To the ITU (approved by correspondence on 22nd October 2018 to be sent to the ITU within the timeframe for the next meeting of ITU-R WP 5B)

- C68-13.2.4 (ARM8-12.1.1) Draft Liaison note IALA to ITU-WP5B on AMRD

In responding to the ITU-R WP 5B IALA recommends that the use of Mobile AtoN (MAtoN) should be strictly controlled, authorised by a competent authority and only used when a risk assessment has determined the requirement and benefit (IALA R1016). IALA also notes that AtoN and MAtoN are not considered to be autonomous maritime radio devices (AMRD), and both AtoN and MAtoN are subject to IALA guidelines and recommendations. The liaison note includes a proposal for a URN numbering scheme for MAtoN and AMRD.

To the IMO (approved by correspondence on 9th November 2018 to be sent to the IMO within the timeframe for the next meeting of IMO NCSR (NCSR6))

- C68-13.1.3.2 (ARM8-12.1.7) Draft IALA submission to IMO-NCSR on AMRD
- The liaison note comments on definitions and IALA notes that the use of the terminology autonomous maritime radio devices (AMRD) Group A and Group B may result in the possibility of confusion with Automatic Identification System (AIS) Class A and Class B transponders and is of the opinion that AMRD should alternately be divided into Group X and Group Y.