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

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

**□** ENAV **□** VTS □ Information

Agenda item Future committee structure and names

Agenda number 7.1

Author(s) / Submitter(s) Secretariat

**Future committee structure and names**

# Background

The current committee work period 2018-2023 has been finished, and IALA is entering a new work period spanning from 2023-2027. IALA remains dedicated to promoting safe and efficient shipping around the world and is committed to embracing emerging technologies and challenges during this period.

The purpose of this document is to discuss the future committee structure. PAP members are encouraged to contribute their ideas, share their thoughts, and help finalize a good way forward for the next four years, as this will enable IALA to remain at the forefront of the industry and continue to meet the evolving needs of the Marine Aids to Navigation (AtoN) industry.

# Discussion

To achieve this goal, the four committees will continue to operate with the same principles that have served IALA well in the past. Discussions will now incorporate technological advancements such as Maritime Autonomous Surface Ships (MASS), cybersecurity, and sustainability, among others.

The Work Programme has been prepared to identify work items with outcomes and priorities, taking into account the IALA Strategic Vision, Current Drivers and Trends, and the IALA position document on the development of AtoN. The committee structure was updated five years ago and has since been settled well with the standards. The four committees will continue to function as the main engine for IALA's discussions and producing publications.

A question remains regarding whether the current committee structure can effectively support the new work programme of the committees. To remain relevant and effective, the Work Programme will consider and reflect on the potential challenges for IALA and coastal states, as well as the benefits and possibilities of future technological advancements to improve services and operations.

The adoption of these emerging technologies and challenges presents both opportunities and risks, and IALA is committed to working with committees and stakeholders to ensure that activities remain aligned with the evolving needs of the maritime industry.

PAP members are invited to discuss the future structure of the committees and share their feedback from the last work period. That will ensure IALA activities remain relevant, effective, and aligned with the needs of the maritime community.

# Action requested to PAP

PAP is requested to discuss the future committee structure and provide feedback on potential changes that could improve the efficiency and effectiveness of the committee work during the new work period.

# Annex Committee topics 2023-2027

|  |  |
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| ***Committee*** | ***Work Domains (from Standards structure)*** |
| **AtoN Requirements and Management (ARM)** | |
| AtoN Planning and Service Requirements | Obligations and regulatory compliance |
|  | Risk Management |
|  | Levels of service objectives |
|  | Quality management |
|  | AtoN Planning |
|  | Virtual marking |
|  | Cyber security |
| Information Services | Management of Maritime Service and S-200 (from Data models and data encoding) |
|  | Terminology, symbology, and portrayal |
| Training and Certification | Training and Certification |
| Capacity building |  |
| **AtoN Engineering and Sustainability (ENG)** | |
| AtoN Design and Delivery | Visual signalling |
|  | Range and performance |
|  | Design, Implementation & Maintenance |
|  | Power systems |
|  | Floating AtoN |
|  | Environment and Sustainability |
|  | Heritage and culture |
| Radionavigation Services | Satellite positioning and timing |
|  | Terrestrial positioning and timing (including R-Mode and eLoran) |
|  | Racon & radar positioning |
|  | Augmentation services (DGNSS) |
| Training and Certification | Training and Certification |
| Heritage Forum | Activate and manage Heritage Forum as necessary |
| **e-Navigation Information Services and Communications (ENAV)** | |
| Digital Communications Technologies | Wide/Medium bandwidth systems (AIS & VDES) |
|  | Narrow bandwidth systems (NAVDAT, MF beacons, etc.) |
|  | Harmonised maritime connectivity |
| Information Services | Data models and data encoding (MRN, S-100, S-200, ASM, etc.) |
|  | Vessel tracking and data exchange systems |
|  | e-Navigation user requirements |
| Training and Certification | Training and Certification |
| **Vessel Traffic Services (VTS)** | |
| Vessel Traffic Services | VTS implementation |
|  | VTS operations |
|  | VTS data and information management (IVEF, S-212, etc.) |
|  | VTS communications |
|  | VTS technologies |
|  | VTS Auditing and assessing |
|  | VTS additional services |
| Training and Certification | Training and certification |