

**IALA COUNCIL**  
**78<sup>th</sup> session****3 June 2023**  
**Rio de Janeiro**  
**Brazil****7 – TECHNICAL ACTIVITIES*****7.1 – Committee structure and working arrangement***

Note by the Secretariat

**INTRODUCTION**

The working arrangements of the committees experienced slight modifications during the pandemic period, primarily with the adoption of hybrid meeting formats into the arrangement. These new methods of operation have been well incorporated across all committees. For the upcoming work period 2023-2027, the committees intend to maintain continuity with the established practices from the previous work period 2018-2023, thereby avoiding any rapid adjustments. This document explains the proposed committee arrangements, offering relevant details for the council's consideration.

**CHANGE OF THE COMMITTEE TITLE**

ENAV Extraordinary Meeting (EM) 1, which was the 31st session of the Committee, was held from January 30th to February 9th, 2023, as a blended-type meeting. During this meeting, the committee proposed a title change from e-Navigation Information Services and Communications (ENAV) to Digital Technologies (DTEC). This shift aims to encompass a wider scope of emerging technologies, including autonomous systems, cybersecurity, among others. The new designation aligns well with the rebranding of the e-Navigation Underway conference series to Digital@Sea conferences.

**WORKING ARRANGEMENT**

The four committees are scheduled to convene in-person twice a year, with the option for virtual opening and/or closing plenaries, at the IALA HQ in Saint-Germain-en-Laye, unless a different location is agreed upon by the committee. The committees will advance the work program approved by the council.

Underneath the committees are subsidiary working groups, which, in turn, are supported by task groups. The primary workspace for committee participants will be the committee dashboard (<https://www.iala-aism.org/committee-dashboards/>).

The precise dates for each committee session will be jointly established by the committee chair and the Secretariat. Once decided, these dates will be disseminated to the members through all available communication channels.

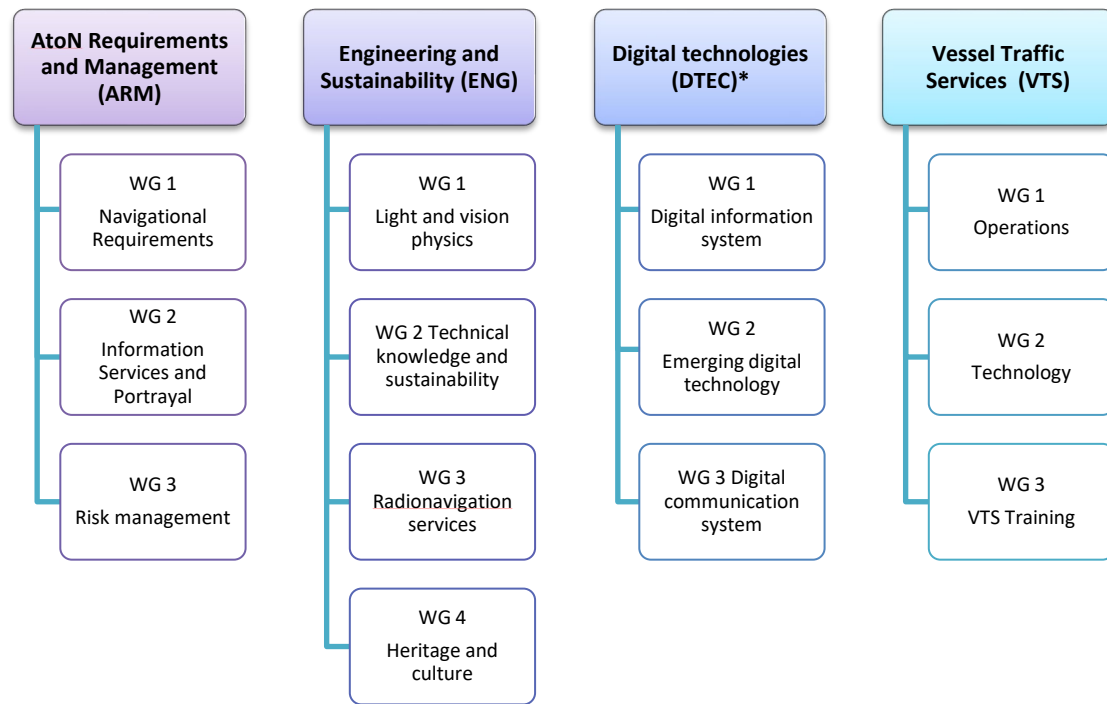


Figure 1 Structure of the committees and the working groups

\*subject to approval by council

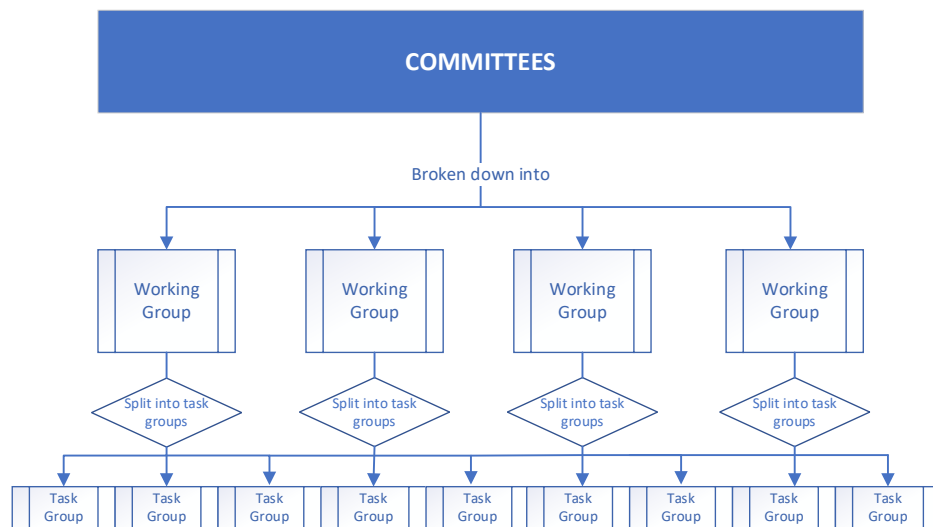


Figure 2 Structure of the working groups and task groups

## THE COUNCIL IS REQUESTED TO

**Approve** the change of the e-Navigation Information Services and Communications (ENAV) committee to Digital Technologies (DTEC) **Note** the information provided.



## Annex - Committee topics 2023-2027

<b>Committee</b>	<b>Work Domains (from Standards structure)</b>
<b>AtoN Requirements and Management (ARM)</b>	
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	
<b>AtoN Engineering and Sustainability (ENG)</b>	
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
<b>Digital technologies (DTEC)*</b>	
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
<b>Vessel Traffic Services (VTS)</b>	
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

\*subject to approval by council