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| From: DTEC Committee | DTEC5-15.3.6 |
| To: ARM Committee | 03 October 2025 |

LIAISON NOTE

Digitalization of Marine AtoN and Services for Vessels of   
Varying Levels of Autonomy

# INTRODUCTION

The ARM Committee continued work on the draft recommendation RXXX Digitalization of Marine AtoN and Services for Vessels of Varying Levels of Autonomy and created a liaison note to seek input from other committees (DTEC5-6.2.2.1 and DTEC5-6.2.2.1.1))

# DISCUSSION

DTEC thanks ARM for the opportunity to comment on the development of the draft Recommendation and the related draft Guideline.

## Developing draft Recommendation - RXXX Digitalization of Marine AtoN and Services for Vessels of Varying Levels of Autonomy

DTEC5 reviewed the he draft Recommendation, and noted the following:

* The initial focus on MASS has been broadened to digitalization
* There is a reference to ‘digital navigation (e.g. S-100/200) and different levels of automation
* Reference to the volume and nature of traffic and degree of risk is highlighted, reflecting terminology present in IMO SOLAS Chapter 5, Res. 12 and 13
* Reference is made to existing IALA R1019 – The provision of maritime services in the context of e-navigation in the domain of IALA

Based on the review and the points noted, DTEC highlights the possible overlap of the developing draft recommendation and the existing R1019.

Therefore, DTEC proposes that amendments are considered for R1019 in lieu of developing a new guideline that focuses on digitalization.

## Draft related Guideline (previously Developments and implications of maritime autonomous surface ships for coastal authorities)

DTEC noted the comments regarding the development of the draft guideline, which was based on input provided from ARM, ENG and VTS Committees. Based on the comments noted, and recognising the strategic alignment of IALA:

*O2-Develop applicable international standards, recommendations and guidelines for adoption and use by its members and other relevant organizations or parties.*

DTEC recommends that a single document that highlights the developments and implications of the provision of AtoN, including VTS, to address vessel of varying levels of autonomy and modes of operation.

# ACTION REQUESTED

The IALA ARM Committee is invited to note the comments provided.