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| From: ENAV Committee | PAP38-5.1.1.2 (ENAV23-12.1.7) |
| To: PAP | 5 April 2019 |

LIAISON NOTE

Identification and Assessment of Technologies

# Introduction

The development of digital technologies continues to be rapid and it impacts on almost all aspects of the maritime industry, including maritime communications, aids to navigation and VTS. Digital technologies deal with the creation and practical use of digital or computerised information using devices, methods or systems. (Source http://www.dictionary.com)

Therefore, it is important to evaluate emerging digital technologies in consideration of user requirements and needs of IALA membership. The evaluation will be a preliminary, high level, desktop study. It will identify the key features and capabilities advantages/disadvantages, limitations and application to aids to navigation, VTS and services and systems within the context of e-navigation.

For this purpose, a new working group, named ‘Emerging Digital Technologies’ has been established for the 2018-22 period.

# Proposed process to identify and evaluate digital technologies

During ENAV22 and ENAV23 a number of potential technologies have been presented. A review of technology and developments is expected to occur at each of the ENAV meetings during the 2018-2022 work programme. To assist with this, the committee is requesting all members to bring to the attention of the ENAV Committee information on new or emerging digital technologies that they may be aware of.

To facilitate the identification and review of digital technologies, the ENAV Committee has developed a draft template that will be used to carry out an initial evaluation of these technologies (Annex A – PAP38-5.1.1.2.1 (ENAV23-12.1.7.1)).

# Action requested

PAP is requested to:

1. Review the draft template review process for the initial evaluation of digital technologies (Annex A – PAP38-5.1.1.2.1 (ENAV23-12.1.7.1)) and provide comments, corrections or amendments to ENAV24.
2. Provide information on technologies, new and developing, that may be suitable for consideration for use by IALA members.