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| From: ENAV Committee | ARM6-8.5.3 (ENAV20-14.1.23) |
| To: ARM Committee | 17 March 2017 |

LIAISON NOTE

MOBILE ATON and VDES Documentation

# Introduction

The ENAV Committee, at its 20th session, was requested to review and provide comments to:

* ENAV20-11.2.1 Draft IALA Recommendation on Mobile AtoN;
* ENAV20-11.2.2 Draft IALA Guideline on Mobile AtoN.

In addition, the ENAV Committee, at its 20th session, was requested to review and provide comments on work that had been completed within the Efficiensea2 project. This included an overall review of all IALA documents that may need to be amended with the introduction of VDES. The review of IALA documentation with regards to VDES was carried out with the aim of consolidating, reducing duplication and providing for harmonization

# Mobile AtoN

The ENAV Committee reviewed the draft IALA recommendation and guideline on mobile AtoN. A number of comments were included in the documents, using track changes.

It was felt that if possible a specific and distinctive light character for the special mark would be extremely beneficial. The committee also recognised the constraints involved and as such requests advise on technical possibilities for conspicuous lights for further decision.

# Review of IALA Documentation

In the review of documentation with regards to the introduction of VDES possible changes or revision to IALA documents were identified. These include:

1. Verify how A-126 (Use of AIS in Marine Aids to Navigation) and O-143 (Provision of Virtual Aids to Navigation) interact.
2. Review Guideline 1033 (Provision of AtoN for different classes of vessels, including high-speed craft) to confirm it remains relevant, noting the latest revision is 2003.
3. Review Guideline 1046 (Response plan for the marking of new wrecks) to confirm it remains relevant, noting the latest revision is June 2005, and noting the current work on Mobile AtoN.
4. Review and verify status of Guideline 1057 (Use of GIS by AtoN Authorities) and Guideline 1058 (Use of simulation as a tool for waterway design and AtoN), noting the similar concepts that appear to be presented in Guideline 1078 (The use of AtoN in the design of fairways) and Guideline 1104 (Application of maritime surface picture for risk assessment and provision of AtoN).

# Action requested

The ARM committee is requested to consider:

* the revisions suggested by ENAV to ENAV20-11.2.1 / ENAV20-14.1.30 Draft IALA Recommendation on Mobile AtoN;
* the revisions suggested by ENAV to ENAV20-11.2.2 / ENAV20-14.1.31 Draft IALA Guideline on Mobile AtoN;
* development of a transition plan from AIS ATON to VDES ATON; recognizing that the former will not interoperable on VDE/ASM frequencies, and, and that AIS ATON may need to be revised to allow the transmit both/either AIS/VDE ASM;
* that the ARM Committee consider submission to ITU WP 5B in support of WRC-19 agenda 1.9.1 AMRD prior to the ITU WP 5B meeting in May 2018;
* to consider the points identified in the review of IALA documentation and provide comments to the appropriate IALA E2 representative.