

**IALA COUNCIL**  
**69<sup>th</sup> session**



**17-21 June 2019**  
**Rotterdam**

**11 – IALA TECHNICAL ACTIVITIES**

**11.5 – ENAV**

**11.5.1 – ENAV23 summary report**

**ENAV Committee papers for consideration at the 69<sup>th</sup> Session of the IALA Council**

Note by the Secretariat

**1. INTRODUCTION**

The following papers are submitted from the 23<sup>rd</sup> session of the ENAV Committee (ENAV23) for consideration of the Council at its 69<sup>th</sup> session.

**2. DRAFT GUIDELINE FOR APPROVAL**

**2.1. The Council is requested to approve the following Guideline**

- C69-11.5.2 (ENAV23-12.1.11) draft updates to Guideline G1139 – The Technical Specification of VDES

This is a revised Guideline. The Guideline has been updated to reflect rapid technological developments in the area of VDES. Clarifications and corrections have been made within annexes A, B, C and D of the Guideline. The changes were finalised at ENAV23 following an intersessional meeting of Working Group 3 of the Committee.

**3. IALA SUBMISSIONS TO OTHER ORGANIZATIONS FOR APPROVAL**

**3.1. The Council is requested to approve the following documents for submission to other organizations**

- C69-11.5.3 (ENAV23-12.1.9) to the ITU World Radio Conference 19 (WRC-19) on IALA position on WRC-19 agenda item 1.9.2; associated with:
- C69-11.5.3.1 (ENAV23-12.1.9.1) on the draft position of IALA on World Radio Conference 2019 (WRC-19) agenda item 1.9.2 (VDE-SAT)

These papers note that WRC-15 allocated frequencies for the terrestrial component of VDES but requested further compatibility and sharing studies between the satellite component of VDES (VDE-SAT) and other services in the same and in the adjacent frequency bands. The decision to allocate frequencies for VDE-SAT was deferred until WRC-19, subject to further studies, including consideration of alternative frequency plans for VDE-SAT.

IALA has provided contributions to the compatibility and sharing studies for VDE-SAT to all ITU Working Party 5B meetings since WRC-15, to show compatibility with incumbent services in both directions, uplink and downlink. This document has the purpose of presenting the position of IALA on these technical matters.



#### **4. IALA SUBMISSIONS TO OTHER ORGANIZATIONS APPROVED INTERSESSIONALLY (TO NOTE)**

##### **4.1. The following documents were approved intersessionally by the Council**

- C69-13.6 (ENAV23-12.1.6) and C69-13.6.1 (ENAV23-12.1.6.1) on the reply to the Liaison Statement on the update of 3GPP Release 16 Stage 1 MARCOM standardization

A liaison note was prepared to 3GPP with respect to the input paper concerning the 'Technical Specification Group Services and System Aspects; Maritime Communication Services over 3GPP system; Stage 1'. The liaison note provided comments on the documents provided and proposed amendments to better reflect the maritime environment.

- C69-13.5.1 (ENAV23-12.1.8) to the Electronic Communications Committee – Working Group FM on Digitisation of Maritime Services – digital VHF (voice)

The liaison note to the ECC recognised and agreed that the maritime voice service on the maritime VHF band should be digitised. In this respect, the ENAV Committee provided five operational and technical matters for consideration at this stage of the project.

- C69-13.3.1 (ENAV23-12.1.12) to the IMO/ITU experts group on maritime radio communication matters on VDES R-Mode and VHF digital voice communication

This document provides an update on the considerations made by IALA with respect to the digitization of voice service on the maritime VHF band as well as with respect to the development of Ranging Mode (R-Mode) as a candidate regional back-up for the global navigation satellite system.