

## IALA COUNCIL 63<sup>rd</sup> session



**13-16 December 2016**  
**IALA Headquarters**

### 11 – TECHNICAL ACTIVITIES

#### 11.4 – ENAV

##### 11.4.4 – Draft Guideline 1117 on VHF Data Exchange System (VDES) Overview and associated promotion documents

Note by the Secretariat

#### 1. RELEVANT PAPERS

- C63-11.4.4.1 Draft Guideline 1117 on VHF Data Exchange System (VDES) Overview;
- C63-11.4.4.2 Draft Information Paper to NCSR 4 on VDES;
- C63-11.4.4.3 Draft Input Paper to NCSR 4 on VDES\_13102016;
- C63-11.4.4.4 Draft Liaison to IHO, IEC, CIRM, RTCM re IALA Guideline on VDES Overview.

#### 2. BACKGROUND

Work to develop the VDES concept is progressing through the IALA ENAV Committee. It is felt that a greater understanding of the VDES concept is required by those involved in the development and provision of marine AtoN and e-navigation services.

#### 3. GUIDELINE 1117 ON VHF DATA EXCHANGE SYSTEM (VDES) OVERVIEW

The VHF Data Exchange System (VDES) concept was originally proposed to address emerging indications of overload of the VHF Data Link (VDL) of AIS and simultaneously enable a wider seamless data exchange for e-navigation, potentially supporting the modernization of GMDSS. In addition, VDES could support the increasing communications requirements identified through the development of e-navigation, as documented in the IMO e-Navigation Strategic Implementation Plan (SIP).

Guideline 1117 on VHF Data Exchange System (VDES) Overview provides an introduction to the VDES at an overview level. It does not include technical details. It is intended to assist in the understanding, development and promotion of the VDES.

#### 4. INPUTS TO IMO NCSR4

Draft Information Paper to NCSR 4 on VDES (C63-11.4.4.2) and Draft Input Paper to NCSR 4 on VDES\_13102016 (C63-11.4.4.3) refer.

In order to promote the VDES in the IMO, it is proposed to submit IALA Guideline 1117 to the IMO NCSR4 meeting in March 2017. The normal practice is to annex the Guideline to the IMO input paper. However this results in an input paper of more than 6 pages, and the deadline for bulky inputs to NCSR4 is 2<sup>nd</sup> December 2016, which is before Council 63. It is therefore proposed to submit a separate input paper to ensure that the issue is discussed at NCSR4 and to submit Guideline 1117 with a covering info paper, as the deadline for both is 30<sup>th</sup> December 2016.

#### 5. PROMOTION OF THE VDES TO OTHER BODIES

Draft Liaison note to IHO, IEC, CIRM, RTCM re IALA Guideline on VDES Overview (C63-11.4.4.4) refers.

In order to promote the VDES to the IHO, IEC, CIRM, RTCM, IMPA, a liaison note was prepared after ENAV19. It is proposed to send this liaison note to the IHO, IEC, CIRM, RTCM and IMPA with Guideline 1117.



## 6. THE COUNCIL IS REQUESTED TO

- **Approve** the draft Guideline 1117 on VHF Data Exchange System (VDES) Overview;
- **Approve** the draft Information Paper to NCSR 4 on VDES for forwarding to the IMO with IALA Guideline 1117;
- **Approve** the draft Input Paper to NCSR 4 on VDES\_13102016 for forwarding to the IMO;
- **Approve** the draft Liaison to IHO, IEC, CIRM and RTCM re IALA Guideline on VDES Overview for forwarding to the IHO, IEC, CIRM, RTCM with IALA Guideline 1117.