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| From: ENAV Committee | ENAV24-12.3.7 |
| To: ENG Committee | 11 October 2019 |

LIAISON NOTE

Technical Specification of VDES R-Mode

# Introduction

The attached document (ENAV24-12.3.7.1) describes the current status of the discussed specification in Working Group 3 of the VDES R-Mode system architecture, physical layer, link layer, application layer and additional information as it was foreseen as annex to Guideline 1139 on the specification of VDES. Working group 3 agreed on not including a dedicated Annex about R-Mode in Guideline 1139 but considering the relevant changes to enable VDES R-Mode.

# Background Information

The content of the attached working document shall be used as an input for the common Guideline on the implementation of R-Mode on MF and VHF frequencies which is under development in the ENG committee.

R-Mode will be considered in the next version of the VDES standard with an additional link layer ID and additional R-Mode specific messages. So, the detailed specification of VDES R-Mode has to be covered in another IALA Guideline to make this information available in addition to the VDES standard. The most suitable document for this information is the common Guideline on the implementation of R-Mode on MF and VHF frequencies.

# Action requested

The ENG committee is requested:

1. to include the information of the working document in the Guideline(s) which describe the R-Mode system; and
2. to report the progress of the Guideline development to ENAV committee.