Input paper: [[1]](#footnote-1) ENAV20-13.4

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP **x** Input

x ENAV  **□** VTS **□** Information

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Workplan Task Number / Technical Domain 2 3.1.16

Working Group WG5

Author(s) / Submitter(s) Dr Alan Grant (WG5 Chair)

R-Mode (MF) Interference study

# Summary

There are various activities being conducted to support the development of R-Mode, both for marine radiobeacon (MF) and AIS/VDES (VHF) transmissions. The General Lighthouse Authorities of the UK and Ireland funded a study to investigate whether R-Mode transmissions (MF) would interfere with legacy marine beacon DGNSS users.

The study concluded that additional signal transmitted for R-Mode should not interfere with legacy users.

The final report of the study is being shared to help progress R-Mode development and to seek any comments or questions on the approach taken.

# Action requested of the Committee

The Committee is requested to:

1. Consider report, ENAV21-13.4.1, when developing a Guideline on R-Mode (MF).
2. Provide any comments on the report to WG5 Chair.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-2)