Input paper: [[1]](#footnote-1) ENG17-3.1.2.6

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

**□** ARM X ENG **□** PAP X Input

**□** DTEC **□** VTS **□** Information

Agenda item [[2]](#footnote-2) n.n

Technical Domain / Task Number 2 Radionavigatio services/

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Proposal for Signal Specification on MF R-Mode Guideline

# Summary

## Purpose of the document

This paper proposes a MF R-Mode signal specification to be included in chapter 3 of the “IALA Guideline on Medium Frequency R-Mode Signal Structure and Navigation Message”. This work was performed one of the item in intersessional meeting.

# Background

During the ENG16 committee, it was decided that the committee would first develop guidelines for MF R-Mode signal structure and navigation message. Based on the experience gained from conducting the R-Mode testbed project from April 2020 to September 2023, the Republic of Korea intends to propose signal part regarding the MF R-Mode guideline.

# Discussion

The section regarding the MF R-Mode signal falls under Chapter 3 of the guideline, and its main contents are as follows:

* 3.1 Signal spectrum
* 3.2 CW frequency consideration
* 3.3 Signal specification

The detailed information is provided chapter 3 of input ENG17-n.n.n.1

# Action requested of the Committee

The Committee is requested to: (Body text)

1. Consider the proposed signal specification as chapter 3 of the Guideline on Medium Frequency R-Mode signal structure and navigation message.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)