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International Association of Marine Aids to Navigation and Lighthouse Authorities

DRAFT IALA POSITION ON WRC-23 AGENDA ITEM 10

General

IALA supports the retention of agenda item 2.10 of Resolution 812 (WRC-19), containing the preliminary agenda for WRC-27, to consider improving the utilization of the VHF maritime frequencies in Appendix 18, in accordance with Resolution 363 (WRC-19), which may need to be amended.

WRC-23 Agenda item 10

10 to recommend to the Council items for inclusion in the agenda for the next WRC, and items for the preliminary agenda of future conferences, in accordance with Article 7 of the Convention and Resolution **804 (Rev.WRC-19)**

Background

IALA participates in the harmonisation of marine aids to navigation services, including radio navigation systems. IALA initiated a study on ranging mode (R-Mode) and contributed to the technical development of the VHF data exchange system (VDES) and found that VDES is capable of supporting R-Mode signals in the VHF band, i.e. VDES R-Mode.

In addition to VDES R-Mode, during the development of VDES, IALA also initiated a study on digital VHF voice communication for safer and more efficient maritime radiocommunication such as VTS communication.

IALA Position

IALA supports possible agenda items on digital communication aspects to be considered at WRC-23 for WRC-27:

- providing a means to accommodate digital voice communications in the VHF maritime mobile band; and
- providing a radionavigation allocation in Article 5 of the Radio Regulations for VDES frequencies under Appendix 18 footnotes w) and z) for R-Mode to support resilient position, navigation and timing.

Actions requested

IALA kindly asks ITU-R CPM 23-2 to take into consideration these proposals for further work on digital voice communications and radio navigation.
