Input paper: DTEC4-6.2.0.8

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

**□** ARM **□** ENG **□** PAP **X** Input

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

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Technical Domain / Task Number 2 DTEC 6.3.7

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A proposal of amendment to ITU-R Recommendation M 2092-1

# Summary

Japan's Satellite VDES Consortium (VDES-SC) considers that it is worthwhile promoting VDES to all ships including small ships and boats to which SOLAS is not applicable.

In order to achieve such wider application of VDES, it is necessary to relax the qualification requirements for radio operators and the conditions for radio stations.

Class A AIS station requires a radio operator license, but Class B AIS stations do not require a radio operators license in most countries. In addition, the conditions for radio stations are also relaxed for Class B AIS. In order to be exempt from the radio operator license, it is necessary to specify that the transmission output power of simplified VDES shall be 5 W rms or less.

A VDES equipment with Class B AIS according to Recommendation ITU-R M.1371 can be designed as a Simplified VDES with a maximum average output power of 5 W (rms), e.g. by implementing fewer Link IDs.

We propose to amend Recommendation ITU-R M.2092-1 to include the Simplified VDES.

# PROPOSAL

Add a new section 2.7 to Annex 1 of PDRR ITU-R M.2092-1 as follows:

2.7 Simplified VHF data exchange system: Simplified VHF data exchange system (Simplified VDES) means a VDES for mobile station which output power is up to 5 W rms.

NOTE: The simplified VDES may be used with Class B AIS and may not implement all available Link IDs.

# Related documents

ITU-R Recommendation M 2092-1

# Discussion

The Committee is invited to consider the proposal above and include the proposal to the liaison report to ITU-R WP5B for amendments to ITU-R recommendation M.2092-1.

1. Annex Heading 1
   1. Annex heading 2
      1. Annex heading 3
2. ........
3. Appendix heading 1
   1. Appendix heading 2
      1. Appendix heading 3

1. Leave open if uncertain [↑](#footnote-ref-2)