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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 1 to Document 12(Add.8)-E** |
|  | **2 October 2019** |
|  | **Original: Russian** |
|  | |
| Regional Commonwealth in the field of Communications Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.8 | |

1.8 to consider possible regulatory actions to support Global Maritime Distress Safety Systems (GMDSS) modernization and to support the introduction of additional satellite systems into the GMDSS, in accordance with Resolution **359** (**Rev.WRC-15**);

Issue A

Introduction

The RCC Administrations consider that, when developing relevant regulatory actions to support GMDSS modernization, the position of the International Maritime Organization (IMO) should be taken into account in regard to such modernization and protection should be provided for existing services and systems.

The RCC Administrations do not oppose using the frequency bands 415-495 kHz, 495-505 kHz and 505-526.5 kHz (505-510 kHz in Region 2) for digital broadcasting of maritime safety and security related information (NAVDAT MF system), provided that the use of NAVDAT MF system transmitting stations is limited to coastal stations only in accordance with Recommendation ITU-R M.2010, and that the other existing conditions for their allocation to radio services are maintained.

The RCC Administrations do not oppose using the frequency bands 4 221-4 231 kHz, 6 332.5-6 342.5 kHz, 8 438-8 448 kHz, 12 658.5-12 668.5 kHz, 16 904.5-16 914.5 kHz, 22 445.5-22 455.5 kHz for digital broadcasting of maritime safety and security related information (NAVDAT HF system), provided that the use of NAVDAT HF system transmitting stations is limited to coastal stations only in accordance with Recommendation ITU-R M.2058, and that the other existing conditions for their allocation to radio services are maintained.

The RCC Administrations oppose inclusion of the above-mentioned frequency bands in Appendix **15** of the Radio Regulations (RR), given that the NAVDAT system is not approved by IMO as a part of GMDSS.

Proposal

In order to address WRC-19 agenda item 1.8, Issue A, it is proposed to use the regulatory text contained in the annex hereto.

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations  
(See No. 2.1)

MOD RCC/12A8A1/1#50247

5.79 In the maritime mobile service, use of the frequency bands 415-495 kHz and 505-526.5 kHz is limited to radiotelegraphy and the NAVDAT system. Such use of the NAVDAT system should be subject to the condition that NAVDAT system transmitting stations are limited solely to coastal stations operating in accordance with the most recent version of Recommendation ITU‑R M.2010.     (WRC‑19)

**Reasons:** These two bands are used currently by the NAVTEX system. They could be used in the future by the NAVDAT system, and this needs to be taken into consideration by administrations intending to use one or both of these navigation data transmission systems.

MOD RCC/12A8A1/2#50248

495-1 800 kHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 495-505 MARITIME MOBILE ADD 5.A18 | | |

**Reasons:** New footnote RR No. **5.A18** indicates that the band 495-505 kHz is intended for operation of the NAVDAT system.

ADD RCC/12A8A1/3#50249

5.A18 The band 495-505 kHz is used for the international NAVDAT system, on condition that the use of NAVDAT system transmitting stations is limited solely to coastal stations operating in accordance with the most recent version of Recommendation ITU R M.2010.     (WRC‑19)

**Reasons:** This new footnote secures the usage of this frequency band for the NAVDAT system.

MOD RCC/12A8A1/4#50250

APPENDIX 17 (REV.WRC‑19)

Frequencies and channelling arrangements in the  
high-frequency bands for the maritime mobile service

(See Article **52**)

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Annex 2     (WRC‑19)

Frequency and channelling arrangements in the high-frequency   
bands for the maritime mobile service, which   
enter into force on 1 January 2017     (WRC‑19)

**Reasons:** These modifications serve to indicate that RR Appendix **17** was revised by WRC-19.

MOD RCC/12A8A1/5

PART A  –  Table of subdivided bands     (WRC‑19)

...

Table of frequencies (kHz) to be used in the band between 4 000 kHz and 27 500 kHz  
allocated exclusively to the maritime mobile service (*end*)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Band (MHz) | 4 | 6 | 8 | 12 | 16 | 18/19 | 22 | 25/26 |
| Limits (kHz) | 4 221 | 6 332.5 | 8 438 | 12 658.5 | 16 904.5 | 19 705 | 22 445.5 | 26 122.5 |
| Frequencies assignable for wide‑band systems, facsimile, special and data transmission systems and direct-printing telegraphy systems  *m) p) s) pp)* |  |  |  |  |  |  |  |  |
| Limits (kHz) | 4 351 | 6 501 | 8 707 | 13 077 | 17 242 | 19 755 | 22 696 | 26 145 |

...

*pp) The bands* *4 221-4 231 kHz, 6 332.5-6 342.5 kHz, 8 438-8 448 kHz, 12 658.5-12 668.5 kHz, 16 904.5-16 914.5 kHz and 22 445.5-22 455.5 kHz are also intended for use by the NAVDAT system, on condition that the use of NAVDAT system transmitting stations is limited solely to coastal stations operating in accordance with the most recent version of Recommendation ITU-R M.2058.     (WRC 19)*

...

**Reasons:** This new footnote indicates that the bands 4 221-4 231 kHz, 6 332.5-6 342.5 kHz, 8 438-8 448 kHz, 12 658.5-12 668.5 kHz, 16 904.5-16 914.5 kHz and 22 445.5-22 455.5 kHz may be used by the NAVDAT system.

SUP RCC/12A8A1/6#50252

RESOLUTION 359 (REV.WRC‑15)

Consideration of regulatory provisions for updating and modernization of the   
Global Maritime Distress and Safety System

**Reasons:** Following the introduction of the proposed amendments, Resolution 359 (Rev.WRC‑15) ceases to be relevant.

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