|  |  |
| --- | --- |
| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
|  |  |
|  |  |
| PLENARY MEETING | **Addendum 8 to Document 24-E** |
|  | **27 September 2019** |
|  | **Original: English** |
|  | |
| Asia-Pacific Telecommunity 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**);

Introduction

Resolution **359 (Rev.WRC-15)** invites the WRC-19 to take necessary actions to support GMDSS modernization (***resolves* 1**) and to consider regulatory provisions related to the introduction of additional satellite system into the GMDSS while ensuring the protection of all incumbent services from harmful interferences (***resolves* 2**).

Regarding ***resolves* 1*,***

APT Members support the Method A2 in the CPM Report.

APT Members support the incorporation of NAVDAT systems and NAVDAT frequencies, both in MF and HF as described in Recommendations ITU-R M.2010 and ITU-R M.2058.

APT Members are also of the view that:

– the existing frequencies used for NAVTEX should be retained and protected;

– the recognition of national NAVDAT frequencies in the bands 415-495 kHz and 505-526.5 kHz (505-510 kHz in Region 2) should not impose any additional constraints on existing services;

– the recognition of these MF NAVDAT and HF NAVDAT frequencies as GMDSS for inclusion into RR Appendix **15** would be considered at a future WRC after IMO concludes its work on the modernisation of the GMDSS.

Regarding ***resolves* 2**,

APT Members support the introduction of additional satellite systems to support GMDSS for enhancement of safety-of-life in accordance with the Resolution **359 (Rev.WRC-15)**, while protecting the services within the frequency band and the adjacent bands.

Proposals

ARTICLE 5

Frequency allocations

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

MOD ACP/24A8/1#50247

5.79 In the maritime mobile service, the frequency bands 415-495 kHz and 505-526.5 kHz are limited to be used for radiotelegraphy and the NAVDAT system. Such use of the NAVDAT system should be in accordance with the most recent version of Recommendation ITU‑R M.2010, subject to special arrangements between interested and affected administrations.     (WRC‑19)

**Reasons:** These two bands could be used in the future by the NAVDAT system and will need time-slot allocation between interested administrations.

MOD ACP/24A8/2#50248

495-1 800 kHz

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

ADD ACP/24A8/3#50249

5.A18 The band 495-505 kHz used for the international NAVDAT system as described in the most recent version of Recommendation ITU‑R M.2010.     (WRC‑19)

**Reasons:** To secure the usage of this frequency bands for the NAVDAT system.

MOD ACP/24A8/4#50250

APPENDIX 17 (REV.WRC‑19)

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

...

MOD ACP/24A8/5

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 2021     (WRC‑19)

MOD ACP/24A8/6

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 |
| Frequencies assignable to coast stations for telephony, duplex operation  *a) t) w)* | **4 352.4** to **4 436.4**  *29 f. 3 kHz* | **6 502.4** to **6 523.4**  *8 f. 3 kHz* | **8 708.4** to **8 813.4**  *36 f. 3 kHz* | **13 078.4** to **13 198.4**  *41 f. 3 kHz* | **17 243.4** to **17 408.4**  *56 f. 3 kHz* | **19 756.4** to **19 798.4**  *15 f. 3 kHz* | **22 697.4** to **22 853.4**  *53 f. 3 kHz* | **26 146.4** to **26 173.4**  *10 f. 3 kHz* |
| Limits (kHz) | 4 438 | 6 525 | 8 815 | 13 200 | 17 410 | 19 800 | 22 855 | 26 175 |

...

*w)* Administrations that intend to use Annex 2 to introduce data transmissions before 1 January 2017 for stations operating in the maritime mobile service shall not cause harmful interference to nor claim protection from stations in the maritime mobile service operating in accordance with Annex 1 of this Appendix and are encouraged to coordinate bilaterally with affected administrations.

*pp)* These sub-bands are also designated for the NAVDAT system as described in the most recent version of Recommendation ITU‑R M.2058.

**Reasons:** Add a new footnote indicating HF NAVDAT frequencies.

ACP/24A8/7

Regarding ***resolves* 1*,*** APT Members support the Method A2 in the CPM Report. APT Members support the incorporation of NAVDAT systems and NAVDAT frequencies, both MF and HF as described in Recommendations ITU-R M.2010 and ITU-R M.2058.

APT Members are also of the view that:

– the existing frequencies used for NAVTEX should be retained and protected;

– the recognition of national NAVDAT frequencies in the bands 415-495 kHz and 505-526.5 kHz (505-510 kHz in Region 2) should not impose any additional constraints on existing services;

– the recognition of these MF NAVDAT and HF NAVDAT frequencies as GMDSS for inclusion into RR Appendix 15 would be considered at a future WRC after IMO concludes its work on the modernisation of the GMDSS.

**Reasons:** APT Members support Method A2 and also provided views on the possible treatment of MF NAVDAT and HF NAVDAT at future WRC.

ACP/24A8/8

Regarding ***resolves* 2**, APT Members support the introduction of additional satellite systems to support GMDSS for enhancement of safety-of-life in accordance with Resolution **359 (Rev.WRC-15)**, while protecting the services within the frequency band and the adjacent bands.

**Reasons:** With respect to the Methods, no consensus was reached on any Method contained in the CPM Report. However, Resolution **359 (Rev.WRC-15)** would need to be modified depending on the decisions of WRC-19.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_