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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 15 to Document xx-E** |
|  | **31 July 2015** |
|  | **Original: English** |
|  | |
| Asia-Pacific Telecommunity Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.15 | |

1.15 to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution **358 (WRC‑12)**;

Resolution **358 (WRC‑12)**: Consideration of improvement and expansion of on-board communication stations in the maritime mobile service in the UHF bands

Introduction:

The APT Members support the single method to satisfy the Agenda item 1.15 of the CPM Report to the WRC-15.

The APT Members support the incorporation in the Radio Regulations of provisions to enable more effective use of the existing allocation for on-board communication stations in the maritime mobile service.

The APT Members consider that the application of efficient spectrum utilization methods, such as 12.5 kHz and/or 6.25 kHz channel spacing, and use of digital modulation techniques are sufficient to avoid the possible congestion of on-board communication channels, in which case the technical characteristics of on-board communication equipment with differing channel spacing, and the channel numbering, must be in conformity with Recommendation ITU-R M.1174-3.

It is proposed that RR No. **5.287** be amended accordingly and that Resolution **358 (WRC-12)** be abrogated, in accordance with the single Method in the CPM Report.

**Proposals:**

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations  
(See No. 2.1)  
  
**MOD ASP/xxA15/1**

**410-460 MHz**

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 456-459 | FIXED  MOBILE 5.286AA  5.271 MOD 5.287 5.288 | |

**MOD ASP/xxA15/2**

**460-890 MHz**

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 460-470 | FIXED  MOBILE 5.286AA  Meteorological-satellite (space-to-Earth)  MOD 5.287 5.288 5.289 5.290 | |

MOD ASP/xxA15/3

5.287 Use of the frequency bands 457.5125-457.5875 MHz and 467.5125-467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The characteristics of the equipment and the channelling arrangement shall be in conformity with Recommendation ITU-R M.1174-3. The use of these frequency bands in territorial waters may[[1]](#endnote-1) also be subject to the national regulations of the Administration concerned. (WRC-15)

**Reasons:** In some Regions there may be a shortage of frequencies for on-board communication. The emergence of new technologies is allowing for an increase in the number of frequencies which can be used for on-board communication within the limits of the same part of the frequency range that is currently allotted for those purposes. The characteristics and channelling arrangement for the operation of on-board communication systems are shown in Recommendation ITU-R M.1174-3.

SUP ASP/xxA15/4

RESOLUTION 358 (WRC‑12)

Consideration of improvement and expansion of on-board communication stations in the maritime mobile service in the UHF bands

The World Radiocommunication Conference (Geneva, 2012),

**Reasons:** If the issues pertaining to item 1.15 are resolved by WRC-15, no further studies will be required under Resolution 358 (WRC-12), which will no longer need to be maintained.

1. The word ‘may’ need to be considered by WRC-15 [↑](#endnote-ref-1)