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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 32-E** |
|  | **29 September 2015** |
|  | **Original: English** |
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| 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)**;

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 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/32A15/1

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/32A15/2

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/32A15/3

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 mayi also be subject to the national regulations of the administration concerned.     (WRC‑15)

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i The word “may” needs to be considered by 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/32A15/4

RESOLUTION 358 (WRC‑12)

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

**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.

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