|  |  |
| --- | --- |
| **World Radiocommunication Conference (WRC-15)Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
|  |  |
| **PLENARY MEETING** | **Addendum 15 toDocument 8-E** |
|  | **5 June 2015** |
|  | **Original: Russian** |
|  |
| Regional Commonwealth in the field of Communications 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 RCC Administrations 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 RCC Administrations 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 usage conditions and 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.

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

**Proposals**

ARTICLE 5

Frequency allocations

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

MOD RCC/8A15/1

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 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 channel plans for the operation of on-board communication systems are shown in Recommendation ITU-R M.1174-3.

SUP RCC/8A15/2

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.

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