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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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|  | **Addendum 15 to Document 66-E** |
|  | **15 October 2015** |
|  | **Original: Spanish** |
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| Cuba | |
| 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

No. 5.287 of the Radio Regulations currently permits use within the maritime mobile service of the frequencies 457.525 MHz, 457.550 MHz, 457.575 MHz, 467.525 MHz, 467.550 MHz and 467.575 MHz by on-board communication stations.

It also provides for the possibility of using the frequencies 457.5375 MHz, 457.5625 MHz, 467.5375 MHz and 467.5625 MHz where equipment operating with 12.5 kHz channel spacing is used.

On-board communication is vital to the execution of critical functions of the ship in restricted waters, and it is desirable to have this communication capacity in areas of high congestion where spectrum usage in the above-mentioned frequency environment is concerned.

Although the widespread use of UHF frequencies by various radiocommunication systems makes it inadvisable to extend the spectrum intended for on-board communication in those frequency bands, the development of digital radiocommunication technologies allows for more efficient use of the spectrum for this purpose through the application of 6.25 kHz channel spacing in addition to the 25 kHz and 12.5 kHz spacings already provided for in RR No. 5.287.

To derive maximum benefit from such arrangements it is desirable to achieve the greatest possible harmonization in terms of equipment and spectrum usage for these purposes, to which end the largest body of relevant information is to be found in Recommendation ITU-R M.1174-3.

Bearing in mind the foregoing, the Administration of Cuba submits the following proposals.

Proposals

ARTICLE 5

Frequency allocations

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

MOD CUB/66A15/1

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 CUB/66A15/2

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 CUB/66A15/3

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

**Reasons:** Introduction of provisions that enable optimal use of on-board communication in the UHF frequency bands 457.5125-457.5875 MHz and 467.5125-467.5875 MHz, in accordance with Recommendation ITU R M.1174-3.

SUP CUB/66A15/4

RESOLUTION 358 (WRC‑12)

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

**Reasons:** No longer necessary.

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