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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 7-E** |
|  | **29 September 2015** |
|  | **Original: English** |
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| Member States of the Inter-American Telecommunication Commission (CITEL) | |
| Proposals for the work of the conference | |
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| 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)**;

Background

In various parts of the world congestion in communication has consequences for on-board communication stations because currently there are only 6 (six) identified frequencies in the UHF band to be implemented in on-board communication systems. These systems are used for internal communications on board a ship, between ships, as well as in a group of ships that are being towed or pushed, engaged in line handling operations or passing mooring instructions.

At present, identifying new spectrum for this type of use is not necessary; nevertheless, in order to facilitate more efficient spectrum use, the spacing of 6.25 kHz and 12.5 kHz channels in the same spectrum as established in the RR must be permitted, as a result of which digital technology can provide up to four times more capacity compared to the traditional 25 kHz system.

Proposals

ARTICLE 5

Frequency allocations

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

MOD IAP/7A15/1

5.287 Use of the frequency bands 457.51425-457.5875 MHz and 467.5125-467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The use of these frequency bands in territorial waters is subject to the national regulations of the administration concerned. The characteristics of the equipment shall conform to those specified in Recommendation ITU‑R M.1174‑3.     (WRC-15)

**Reasons:** It is necessary to make changes to footnote No. 5.287 so as to permit additional channelling in the same band segment already envisaged in the RR, as well as digital technology, to facilitate more efficient spectrum use.

SUP IAP/7A15/2

RESOLUTION 358 (WRC‑12)

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

**Reasons:** This Resolution is no longer required.

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