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| **World Radiocommunication Conference (WRC-19)Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 2 toDocument 12(Add.9)-E** |
|  | **2 October 2019** |
|  | **Original: Russian** |
|  |
| Regional Commonwealth in the field of Communications Common Proposals |
| Proposals for the work of the conference |
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| Agenda item 1.9.2 |

1.9 to consider, based on the results of ITU-R studies:

1.9.2 modifications of the Radio Regulations, including new spectrum allocations to the maritime mobile-satellite service (Earth-to-space and space-to-Earth), preferably within the frequency bands 156.0125-157.4375 MHz and 160.6125-162.0375 MHz of Appendix **18**, to enable a new VHF data exchange system (VDES) satellite component, while ensuring that this component will not degrade the current terrestrial VDES components, applications specific messages (ASM) and AIS operations and not impose any additional constraints on existing services in these and adjacent frequency bands as stated in *recognizing d)* and *e)* of Resolution **360** (**Rev.WRC-15**);

Introduction

The RCC Administrations oppose new allocations to the maritime mobile-satellite service (MMSS) for a VDES satellite component within the frequency range 156-162 MHz, since the studies conducted on the basis of ITU-R Recommendations have showed that in the general service area VDES space stations are not compatible with stations in the fixed and mobile services allocated on a primary basis. Furthermore, no ITU-R studies have been conducted and no regulatory action has been proposed that would ensure the compatibility of one administration’s VDES satellite component with another administration’s terrestrial VDES components, ASM and AIS operations, as required by Resolution **360** (**Rev.WRC-15**).

Therefore, the RCC Administrations consider that Method A of the CPM Report (no change to the Radio Regulations) should be used to address WRC-19 agenda item 1.9.2.

Proposal

In order to address WRC-19 agenda item 1.9.2, it is proposed to use the regulatory text in annex hereto.

ARTICLE 5

Frequency allocations

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

NOC RCC/12A9A2/1#50293

148-161.9375 MHz

|  |
| --- |
| Allocation to services |
| Region 1 | Region 2 | Region 3 |
| 156.8375-161.9375FIXEDMOBILE except aeronauticalmobile | 156.8375-161.9375 FIXED MOBILE |
| 5.226 |  5.226 |

**Reasons:** The studies conducted showed that when operating with coast stations, the VDE satellite component with the characteristics described in Recommendation ITU-R M.2092 “Technical characteristics for a VHF data exchange system in the VHF maritime mobile band” is not compatible with systems in the fixed and land mobile services allocated within the frequency range 156.8375 to 161.9375 MHz on a primary basis.
Furthermore, no ITU-R studies have been conducted and no regulatory action has been proposed that would ensure the compatibility of one administration’s VDES satellite component with another administration’s terrestrial VDES components, ASM and AIS operations, as required by Resolution **360** (**Rev.WRC-15**).
As a result, there are insufficient grounds for modifying existing allocations to the radio services in the frequency range in question.

SUP RCC/12A9A2/2#50294

Resolution 360 (Rev.WRC‑15)

Consideration of regulatory provisions and spectrum allocations to the maritime mobile-satellite service to enable the satellite component of the VHF Data Exchange System and enhanced maritime radiocommunication

**Reasons:** It is proposed to suppress Resolution **360 (Rev.WRC-15)**, since the studies conducted have showed that it is not possible to allocate spectrum for the introduction of the VDE satellite component.

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