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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Document 19-E** |
|  | **12 September 2019** |
|  | **Original: English** |
|  | |
| Democratic People's Republic of Korea | |
| proposals for the work of the conference | |
|  | |
| Agenda item 8 | |

8 to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution **26 (Rev.WRC-07)**;

ARTICLE 5

Frequency allocations

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

MOD KRE/19/1

8.3-110 kHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 90-110 RADIONAVIGATION 5.62  Fixed  5.64 ADD 5.64*bis* | | |

**Reasons:** To add the new footnote for additional allocation. This proposal is provided because this Administration could not attend WRC-12 and WRC-15 and submit this proposal at that time.

ADD KRE/19/2

5.64*bis* *Additional allocation:* in Dem. People’s Rep. of Korea, the band 90-110 kHz is also allocated to the maritime mobile service on a primary basis and the use of this band by the maritime mobile service is limited to stations for depth-sounding of the sea, not exceeding a maximum radiated power of 0.5W (e.i.r.p) and installed at the bottom of a ship (in the sea water), with very low power of radiation to the air.     (WRC-19)

**Reasons:** To secure the use of this frequency band by the maritime mobile service.

MOD KRE/19/3

415-495 kHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 415-435  MARITIME MOBILE 5.79  AERONAUTICAL RADIONAVIGATION | 415-472  MARITIME MOBILE 5.79  Aeronautical radionavigation MOD 5.77 5.80 | |
| 435-472  MARITIME MOBILE 5.79  Aeronautical radionavigation MOD 5.77 |
| 5.82 | 5.78 5.82 | |
| 472‑479  MARITIME MOBILE 5.79  Amateur 5.80A  Aeronautical radionavigation MOD 5.77 5.80  5.80B 5.82 | | |
| 479-495  MARITIME MOBILE 5.79 5.79A  Aeronautical radionavigation MOD 5.77 | 479-495  MARITIME MOBILE 5.79 5.79A  Aeronautical radionavigation MOD 5.77 5.80 | |
| 5.82 | 5.82 | |

**Reasons:** To add the country name to the footnote. This proposal is provided because this Administration could not attend WRC-12 and WRC-15 and submit this proposal at that time.

MOD KRE/19/4

5.77 *Different category of service:* in Australia, China, the French overseas communities of Region 3, Korea (Rep. of), India, Iran (Islamic Republic of), Japan, Pakistan, Papua New Guinea, Dem. People’s Rep. of Korea and Sri Lanka, the allocation of the frequency band 415-495 kHz to the aeronautical radionavigation service is on a primary basis. In Armenia, Azerbaijan, Belarus, the Russian Federation, Kazakhstan, Latvia, Uzbekistan and Kyrgyzstan, the allocation of the frequency band 435-495 kHz to the aeronautical radionavigation service is on a primary basis. Administrations in all the aforementioned countries shall take all practical steps necessary to ensure that aeronautical radionavigation stations in the frequency band 435-495 kHz do not cause interference to reception by coast stations of transmissions from ship stations on frequencies designated for ship stations on a worldwide basis.    (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

MOD KRE/19/5

7 000-7 450 kHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 7 100-7 200 AMATEUR  5.141A MOD 5.141B | | |

**Reasons:** To add the country name to the footnote. This proposal is provided because this Administration could not attend WRC-12 and WRC-15 and submit this proposal at that time.

MOD KRE/19/6

5.141B *Additional allocation:*in Algeria, Saudi Arabia, Australia, Bahrain, Botswana, Brunei Darussalam, China, Comoros, Korea (Rep. of), Diego Garcia, Djibouti, Egypt, United Arab Emirates, Eritrea, Guinea, Indonesia, Iran (Islamic Republic of), Japan, Jordan, Kuwait, Libya, Mali, Morocco, Mauritania, Niger, New Zealand, Oman, Papua New Guinea, Qatar, the Syrian Arab Republic, Dem. People’s Rep. of Korea, Singapore, Sudan, South Sudan, Tunisia, Viet Nam and Yemen, the frequency band 7 100-7 200 kHz is also allocated to the fixed and the mobile, except aeronautical mobile (R), services on a primary basis.    (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

MOD KRE/19/7

460-890 MHz

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| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 460-470 FIXED  MOBILE 5.286AA  Meteorological-satellite (space-to-Earth)  5.287 5.288 5.289 5.290 | | |
| 470-694  BROADCASTING  5.149 5.291A 5.294 5.296  5.300 5.304 5.306 5.311A  5.312 | 470-512  BROADCASTING  Fixed  Mobile  5.292 5.293 5.295 | 470-585  FIXED  MOBILE 5.296A  BROADCASTING  5.291 5.298 |
| 512-608  BROADCASTING  5.295 5.297 |
| 585-610  FIXED  MOBILE 5.296A  BROADCASTING  RADIONAVIGATION  5.149 5.305 5.306 5.307 |
| 608-614  RADIO ASTRONOMY  Mobile-satellite except aeronautical mobile-satellite (Earth-to-space) |
| 610-890  FIXED  MOBILE 5.296A MOD 5.313A  5.317A  BROADCASTING |
| 614-698  BROADCASTING  Fixed  Mobile  5.293 5.308 5.308A 5.309 5.311A |
| 694-790  MOBILE except aeronautical mobile 5.312A 5.317A  BROADCASTING  5.300 5.311A 5.312 |
| 698-806  MOBILE 5.317A  BROADCASTING  Fixed  5.293 5.309 5.311A |
| 790-862  FIXED  MOBILE except aeronautical mobile 5.316B 5.317A  BROADCASTING  5.312 5.319 |
| **806-890**  FIXED  MOBILE 5.317A  BROADCASTING |
| 862-890  FIXED  MOBILE except aeronautical mobile 5.317A  BROADCASTING 5.322 |
| 5.319 5.323 | 5.317 5.318 | 5.149 5.305 5.306 5.307 5.311A 5.320 |

**Reasons:** To add the country name to the footnote. This proposal is provided because this Administration could not attend WRC-12 and WRC-15 and submit this proposal at that time.

MOD KRE/19/8

5.313A The frequency band, or portions of the frequency band 698-790 MHz, in Australia, Bangladesh, Brunei Darussalam, Cambodia, China, Korea (Rep. of), Fiji, India, Indonesia, Japan, Kiribati, Lao P.D.R., Malaysia, Myanmar (Union of), New Zealand, Pakistan, Papua New Guinea, the Philippines, Dem. People’s Rep. of Korea, Solomon Islands, Samoa, Singapore, Thailand, Tonga, Tuvalu, Vanuatu and Viet Nam, are identified for use by these administrations wishing to implement International Mobile Telecommunications (IMT). This identification does not preclude the use of these frequency bands by any application of the services to which they are allocated and does not establish priority in the Radio Regulations. In China, the use of IMT in this frequency band will not start until 2015.    (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

MOD KRE/19/9

2 700-3 600 MHz

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Allocation to services | | | | |
| Region 1 | Region 2 | | Region 3 | |
| 3 400-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.430A  Radiolocation | | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.431A 5.431B  Amateur  Radiolocation 5.433  5.282 | | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  Amateur  Mobile MOD 5.432 5.432B  Radiolocation 5.433  5.282 MOD 5.432A | |
| 3 500-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.431B  Radiolocation 5.433 | | 3 500-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile MOD 5.433A  Radiolocation 5.433 | |
| 5.431 | |

**Reasons:** To add the country name to the footnote. This proposal is provided because this Administration could not attend WRC-12 and WRC-15 and submit this proposal at that time.

MOD KRE/19/10

5.432 *Different category of service:*in Korea (Rep. of), Japan, Pakistan and Dem. People’s Rep. of Korea, the allocation of the band 3 400‑3 500 MHz to the mobile, except aeronautical mobile, service is on a primary basis (see No. 5.33).     (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

MOD KRE/19/11

5.432A In Korea (Rep. of), Japan, Pakistan and Dem. People’s Rep. of Korea, the band 3 400-3 500 MHz is identified for International Mobile Telecommunications (IMT). This identification does not preclude the use of this band by any application of the services to which it is allocated and does not establish priority in the Radio Regulations. At the stage of coordination the provisions of Nos. **9.17** and **9.18** also apply. Before an administration brings into use a (base or mobile) station of the mobile service in this band it shall ensure that the power flux-density (pfd) produced at 3 m above ground does not exceed −154.5 dB(W/(m2 ⋅ 4 kHz)) for more than 20% of time at the border of the territory of any other administration. This limit may be exceeded on the territory of any country whose administration has so agreed. In order to ensure that the pfd limit at the border of the territory of any other administration is met, the calculations and verification shall be made, taking into account all relevant information, with the mutual agreement of both administrations (the administration responsible for the terrestrial station and the administration responsible for the earth station), with the assistance of the Bureau if so requested. In case of disagreement, the calculation and verification of the pfd shall be made by the Bureau, taking into account the information referred to above. Stations of the mobile service in the band 3 400-3 500 MHz shall not claim more protection from space stations than that provided in Table **21‑4** of the Radio Regulations (Edition of 2004).     (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

MOD KRE/19/12

5.433A In Australia, Bangladesh, China, French overseas communities of Region 3, Korea (Rep. of), India, Iran (Islamic Republic of), Japan, New Zealand, Pakistan, the Philippines and Dem. People’s Rep. of Korea, the frequency band 3 500-3 600 MHz is identified for International Mobile Telecommunications (IMT). This identification does not preclude the use of this frequency band by any application of the services to which it is allocated and does not establish priority in the Radio Regulations. At the stage of coordination the provisions of Nos.**9.17** and **9.18** also apply. Before an administration brings into use a (base or mobile) station of the mobile service in this frequency band it shall ensure that the power flux-density (pfd) produced at 3 m above ground does not exceed −154.5 dB(W/(m2 ⋅ 4 kHz)) for more than 20% of time at the border of the territory of any other administration. This limit may be exceeded on the territory of any country whose administration has so agreed. In order to ensure that the pfd limit at the border of the territory of any other administration is met, the calculations and verification shall be made, taking into account all relevant information, with the mutual agreement of both administrations (the administration responsible for the terrestrial station and the administration responsible for the earth station), with the assistance of the Bureau if so requested. In case of disagreement, the calculation and verification of the pfd shall be made by the Bureau, taking into account the information referred to above. Stations of the mobile service in the frequency band 3 500-3 600 MHz shall not claim more protection from space stations than that provided in Table **21‑4** of the Radio Regulations (Edition of 2004).     (WRC‑19)

**Reasons:** To harmonize the use of this frequency band in the Region.

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