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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 59-E** |
|  | **7 October 2019** |
|  | **Original: English** |
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| Korea (Republic of)/Singapore (Republic of) | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.14 | |

1.14 to consider, on the basis of ITU-R studies in accordance with Resolution **160 (WRC‑15)**, appropriate regulatory actions for high-altitude platform stations (HAPS), within existing fixed-service allocations;

Background

The CPM Report for WRC-19 has been completed to develop appropriate modifications to the existing footnotes and associated resolutions in the identifications in *recognizing c)* of Resolution **160 (WRC-15)**, in order to facilitate the use of HAPS links on a global or regional level, limited to the currently identified frequency bands. In accordance to Resolution **160 (WRC‑15)**, where the use of an identification is not technically feasible for HAPS use, the removal of the unsuitable identification is possible. With that, the Republic of Korea and Singapore are of view that the coexistence between the existing services and Broadband HAPS in the frequency bands 27.9-28.2 GHz and 38-39.5 GHz is not feasible.

Proposals

The Republic of Korea and Singapore support no changes to the Radio Regulations (Method A as contained in the CPM Report) to ensure protection of all existing services to which frequency bands are allocated and their future development in the frequency bands 27.9-28.2 GHz and 38.0-39.5 GHz, i.e. Methods 6A and 8A of the CPM Report, respectively.

ARTICLE 5

Frequency allocations

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

NOC KOR/SNG/59/1

24.75-29.9 GHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 27.5-28.5 FIXED 5.537A  FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539  MOBILE  5.538 5.540 | | |

**Reasons:** No change is supported in the frequency band 27.9-28.2 GHz.

NOC KOR/SNG/59/2#49777

RESOLUTION 145 (Rev.WRC‑12)

Use of the bands 27.9-28.2 GHz and 31-31.3 GHz by   
high altitude platform stations in the fixed service

**Reasons:** No change is supported in the frequency band 27.9-28.2 GHz.

ARTICLE 5

Frequency allocations

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

NOC KOR/SNG/59/3

34.2-40 GHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 38-39.5 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE  Earth exploration-satellite (space-to-Earth)  5.547 | | |

**Reasons:** No change is supported in the frequency bands 38-39.5 GHz.

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