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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 13 to Document 16-E** |
|  | **4 October 2019** |
|  | **Original: English** |
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| European Common Proposals | |
| Proposals for the work of the conference | |
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| Agenda item 1.13 | |

1.13 to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **238 (WRC-15)**;

Resolution **238 (WRC-15)** – *Studies on frequency-related matters for International Mobile Telecommunications identification including possible additional allocations to the mobile services on a primary basis in portion(s) of the frequency range between 24.25 and 86 GHz for the future development of International Mobile Telecommunications for 2020 and beyond*

Introduction

WRC-19 agenda item 1.13 considers possible new spectrum allocations suitable for delivery of terrestrial wireless broadband in the 24.25-86 GHz frequency range. This will encompass the following elements, set out in full in Resolution **238 (WRC-15)**:

– Spectrum needs for the terrestrial component of IMT

– Sharing and compatibility studies[[1]](#footnote-1) for the following frequency bands:

– 24.25-27.5 GHz[[2]](#footnote-2), 37-40.5 GHz, 42.5-43.5 GHz, 45.5-47 GHz, 47.2-50.2 GHz, 50.4-52.6 GHz, 66-76 GHz and 81-86 GHz

– 31.8-33.4 GHz, 40.5-42.5 GHz and 47-47.2 GHz

Summary of European proposals on the frequency bands:

These European proposals support the frequency bands 24.25-27.5 GHz, 40.5-43.5 GHz and 66‑71 GHz for allocation to the mobile service on a primary basis in the table of frequency allocation of Article **5** and identification for IMT, as appropriate.

These European proposals do not support the frequency bands 31.8-33.4 GHz, 47.0-47.2 GHz, 47.2‑50.2 GHz, 50.4-52.6 GHz, 71-76 GHz and 81‑86 GHz for allocation to the mobile service on a primary basis in the table of frequency allocation of Article **5** and identification for IMT, as appropriate.

For the band 37-40.5 GHz, the European proposal in Part 8 provides CEPT’s view on the band including the relevant conditions to ensure protection of incumbent services in the 37-40.5 GHz band and EESS (passive) in the 36-37 GHz band.

The suppression of Resolution **238 (WRC-15)** is supported.

The European proposals summarized above are divided into the following addenda:

**Addendum 1** Part 1 – Band 24.25-27.5 GHz

**Addendum 2** Part 2 – Band 31.8-33.4 GHz

**Addendum 3** Part 3 – Band 37-40.5 GHz

**Addendum 4** Part 4 – Band 40.5-43.5 GHz

**Addendum 5** Part 5 – Band 47.0-47.2 GHz

**Addendum 6** Part 6 – Band 47.2-50.2 GHz

**Addendum 7** Part 7 – Band 50.4-52.6 GHz

**Addendum 8** Part 8 – Band 66-71 GHz

**Addendum 9** Part 9 – Band 71-76 GHz

**Addendum 10** Part 10 – Band 81-86 GHz

**Addendum 11** Part 11 – Resolution **238 (WRC-15)**

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1. Including studies with respect to services in adjacent bands, as appropriate. [↑](#footnote-ref-1)
2. When conducting studies in the band 24.5-27.5 GHz, to take into account the need to ensure the protection of existing earth stations and the deployment of future receiving earth stations under the EESS (space-to-Earth) and SRS (space-to-Earth) allocation in the frequency band 25.5-27 GHz. [↑](#footnote-ref-2)