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|  | **Radiocommunication Study Groups** | |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** | |  | |
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| Source: Document 5A/TEMP/1(Rev.1) | |  | |
| **13 May 2016** | |
| **English only** | |
| Working Party 5A | | | |
| LIAISON statement to external organizations[[1]](#footnote-1) (Copy for information to Working Parties 1a and 5D) | | | |
| Technical and operational characteristics of the land mobile service applications and their spectrum needs associated with work on WRC-19 agenda item 1.15 in the frequency range 275-450 GHz | | | |

Agenda item 1.15 invites WRC-19 to consider identification of frequency bands for use by administrations for the land-mobile and fixed services applications operating in the frequency range 275-450 GHz, in accordance with Resolution **767 (WRC-15)**;

Resolution **767 (WRC-15)** *invites the ITU-R*:

1 to identify technical and operational characteristics of systems in the land-mobile and fixed services operating at frequencies above 275 GHz;

2 to study spectrum needs of systems in the land-mobile and fixed services, taking into account the results of the above studies.

As part of its initiation of work on WRC-19 agenda item 1.15, ITU-R WP 5A kindly invites the external organizations to submit input contributions to the next WP 5A meeting with respect to technical and operational characteristics of applications of the land-mobile service operating in the frequency range 275-450 GHz. The external organizations are also encouraged to provide the land‑mobile service applications and their spectrum needs operating in the frequency range 275‑450 GHz.

At its May 2016 meeting, WP 5A developed its initial working document towards a preliminary draft new Report ITU-R M.[300GHZ\_MS\_CHAR] on technical and operational characteristics and applications of the land mobile service operating in the frequency range 275‑450 GHz (Attached).

The current working document includes an example of a specific application, which does not fully represent the land-mobile applications operating in the frequency range 275‑450 GHz. WP 5A welcomes input contributions and will consider other land-mobile applications operating in the frequency range 275‑450 GHz so that the report could fully address the issues pertinent to technical and operational characteristics of systems associated with work on WRC-19 agenda item 1.15.

The next meeting of ITU-R Working Party 5A is scheduled for 7-17 November 2016 and the deadline for submission of contributions is 16:00 hours UTC, 31 October 2016.

WP 5A will consider materials provided by the external organizations and take necessary action as appropriate upon receipt of input contributions at WP 5A meeting in November 2016.

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| **Status:** For action |  |
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| **Contact:** Sergio Buonomo  Counselor SG 5  Attachment: [Annex 28 to Document 5A/114](http://www.itu.int/md/R15-WP5A-C-0114/en) | **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int) |

*Note by the BR Secretariat*

The responsible group for WRC-19 agenda item 1.15 is Working Party 1A.

WP 5A and WP 5C will undertake studies with respect to the *invite* ITU-R 1 and 2 for applications in the land-mobile and fixed services, respectively, and submit the initial results to WP 1A by November 2016 and final results of the studies before June 2017.

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1. 3GPP, 3GPP RAN, 3GPP2, 4G Americas, ARIB, ATIS, AWG, BBF, CCSA, CDG, ETSI TC ERM, ETSI ERM-TG41, ETSI TC BRAN, ETSI TC DECT, GSA, GSMA, IEEE, TIA, TIA TR-45, TIA TR-45.5, TTA, UMTS Forum, WiMAX Forum, , iBurst Association, TIA TR-45.3, TTC, WGA, Wi-Fi Alliance, XGP Forum. [↑](#footnote-ref-1)