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|  | **Radiocommunication Study Groups** | |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** | |  | |
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| Source: Documents [5C/433](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5C-C-0433), [5C/8r1](http://www.itu.int/md/R15-WP5C-C-0008/en), [5C/32](http://www.itu.int/md/R15-WP5C-C-0032/en), [5C/016](http://www.itu.int/md/R15-WP5C-C-0016/en) | | **Document 5C/TEMP/16-E** | |
| **18 May 2016** | |
| **English only** | |
| Working Party 5C (Working Group 5C3) | | | |
| draft LIAISON statement to external organizations[[1]](#footnote-1) (Copy for information to WORKING PARTies 1A, 3J, 3K, 3M, 5a and 5d, 7c and 7d) | | | |
| Technical and operational characteristics of the fixed service applications and their spectrum needs associated with work on WRC-19 agenda item 1.15 | | | |

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.

In accordance with Resolution **767 (WRC-15),** Working Party 5C (WP 5C) has responsibility to identify technical and operational characteristics of systems in the **fixed** service applications operating in the frequency range 275‑450 GHz. WP 5C developed its initial working document towards a preliminary draft new Report ITU-R F.[300GHZ\_FS\_CHAR] on technical and operational characteristics and applications of the fixed service operating in the frequency range 275‑450 GHz (see Annex xx to WP 5C Chairman’s Report).

WP 5C also appreciated significant contributions from APT (see [5C/8r1](http://www.itu.int/md/R15-WP5C-C-0008/en)) and from IEEE [5C/016](http://www.itu.int/md/R15-WP5C-C-0016/en) at the May 2016 meeting.

WP 5C welcomes further input contributions from APT and IEEE; other external organizations are also encouraged to provide details of the fixed service applications and their characteristics, operating in the frequency range 275‑450 GHz. WP 5C will consider these fixed service applications, 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.

WP 5C will consider materials provided by the external organizations and take necessary action as appropriate, upon receipt of input contributions at its next meeting scheduled for [XX-XX] November 2016.

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| **Deadline:** 31 October 16 |  |
| **Contact:** Dr. Haim Mazar (Madjar) | **E-mail:** [h.mazar@atdi.com](mailto:h.mazar@atdi.com), [mazar@ties.itu.int](mailto:mazar@ties.itu.int) |

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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, ETSI ISG MWT, 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)