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| **Radiocommunication Study Groups** |  |
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| Source: Document 5A/TEMP/222 | **Annex 9 to Document 5A/597-E** |
| **3 June 2022** |
| **English only** |
| Annex 9 to Working Party 5A Chairman’s Report | |
| report Of ACTIVITIES IN SUPPORT OF WRC-23 agenda item 9.1,  topic c) | |
| Study the use of International Mobile Telecommunication systems for fixed wireless broadband in the frequency bands allocated to the fixed service on a primary basis, in accordance with Resolution 175 (WRC-19) | |

For work on WRC-23 agenda item 9.1, topic c), the following tables represent the work undertaken and remaining work to be done.

| Meetings | Activity |
| --- | --- |
| 23rd meeting  July 2020 | At a joint session of WPs 5A and 5C, the following documents were considered [5A/19](https://www.itu.int/md/R19-WP5A-C-0019/en) (Chairmen, WP 5A and WP 5C); [5A/58](https://www.itu.int/md/R19-WP5A-C-0058/en) (China); [5A/72](https://www.itu.int/md/R19-WP5A-C-0072/en) (Germany *et al.*) and [5A/73](https://www.itu.int/md/R19-WP5A-C-0073/en) (UK). There was a good discussion of the topic, and it was clarified that the objective being investigated is the use of IMT technologies for fixed wireless broadband in the fixed service and not the deployment of mobile systems in the fixed service. It was recognized that the activity is within the usual activities of the WPs 5A and 5C, and consideration of development of a specific new recommendation, providing guidance in the use of IMT technology in fixed wireless broadband could be a possible result of the activity. Different opinions were expressed by administrations on whether the possible regulatory related studies could be conducted or not on this topic; however, no consensus was reached. No plans were made yet on the development of specific new or revised ITU-R Recommendations, Reports and/or Handbooks and contributions are encouraged for the next meeting, taking into account principle [#10](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0085!N01!MSW-E.docx#s3110) in [Section 3.1](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0085!N01!MSW-E.docx#s31) of [Annex 1](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0085!N01!MSW-E.docx) to [Document 5A/85](https://www.itu.int/md/R19-WP5A-C-0085/en) or in the Annex to Document [CVC-16/2](https://www.itu.int/md/R19-CVC-C-0002/en). No liaison statements to other working parties were approved; they may be sent in the future requesting specific information when the work is more advanced. |
| 24th meeting  November 2020 | WPs 5A and 5C agreed that for the November 2020 block meeting there would be no need for a joint plenary of the working parties, since the expected results may be attached to the Chairmen’s Reports. Therefore, based on the proposal in Doc. [5A/178](https://www.itu.int/md/R19-WP5A-C-0178/en) – [5C/120](https://www.itu.int/md/R19-WP5C-C-0120/en), the work was conducted in an Ad Hoc 5A/5C. Based on Docs. [5A/58 (Att.2](https://www.itu.int/md/R19-WP5A-C-0058/en)), [5A/177](https://www.itu.int/md/R19-WP5A-C-0177/en) and 5A/[207](https://www.itu.int/md/R19-WP5A-C-0207/en) (Att.2) the work plan was updated ([Annex 9](http://www.itu.int/md/dologin_md.asp?lang=en&id=R19-WP5A-C-0221!N09!MSW-E) to [Doc. 5A/221](http://www.itu.int/md/R19-WP5A-C-0221/en)). Based on Docs. [5A/58 (Att.1](https://www.itu.int/md/R19-WP5A-C-0058/en)) and [5A/207 (Att.1](https://www.itu.int/md/R19-WP5A-C-0207/en)) elements for a working document were attached to the chairman’s report ([Annex 18](http://www.itu.int/md/dologin_md.asp?lang=en&id=R19-WP5A-C-0221!N18!MSW-E) to [Doc. 5A/221](http://www.itu.int/md/R19-WP5A-C-0221/en)), but the text was neither reviewed nor agreed. No liaison statements to other working parties were considered. Input contributions are encouraged for the next meeting scheduled for May 2021 to help progress the work on topic 9.1c). |
| 25th meeting  May 2021 | The work was conducted in Ad Hoc WG5A/5C. [Doc. 5A/251](https://www.itu.int/md/R19-WP5A-C-0251/en) § 3.17 (WMO) was noted for information. Based on the other contributions, the WG discussed the vocabulary, the proposed updates of existing Recommendations, and the proposed development of a new draft Recommendation/Report; however, no consensus could be reached due to the shortness of time available, all these input contributions were carried forward to the next meeting, and WP5A and WP5C agreed to the creation of a correspondence group to progress the work between the 25th and 26th meetings of the working parties, with the Terms of Reference in Att. 9 to [Annex 3](http://www.itu.int/md/dologin_md.asp?lang=en&id=R19-WP5A-C-0359!N03!MSW-E) to [Doc. 5A/359](https://www.itu.int/md/R19-WP5A-C-359/en). No liaison statements to other working parties were considered. |
| 26th meeting  November 2021 | The Ad Hoc WG5A/5C (topic 9.1c)) considered the received input contributions and taking into account those carried forward from the 25th meeting, formed an offline activity to continue discussion of the terms “IMT System” “Fixed Wireless Broadband” from Resolution **175 (WRC-19)**. While some progress was made on a common understanding of “IMT System” within the context of Resolution **175 (WRC-19)**, differences remained as to the scope of the FWB term, and whether or not it comprises not just access, but also transport and backhaul. This Ad Hoc ultimately concluded that going forward the focus should be on preparing contributions for the May 2022 meeting that directly address the resolves of Resolution **175 (WRC-19)** and propose elements of IMT standards and technologies that can be used for FWB within the existing regulatory framework. |
| 27th meeting  May 2022 | The Ad Hoc WG5A/5C (topic 9.1c)) considered received four input contributions regarding proposals for draft CPM text for this topic, which included one input submitted at the 26th meeting of WP5A. The Ad Hoc convened for a total of thirteen times at the 27th meeting and developed a draft CPM text element that was presented at a joint plenary session of Working Parties 5A and 5C, at which it was approved so that it can be sent to the appropriate CPM-23 Chapter Rapporteur. One input contribution was received that proposed revisions to some existing F-Series Recommendations, given that there was no time to consider it, it will be carried forward to the 28th meeting of WP5A, along with inputs from prior meetings that still have not been considered. |

Remaining actions at future meetings of WP 5A:

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| 6th meeting of the study cycle  (28th meeting of WP5A)  November 2022 | • Consider input contributions received at 28th meeting and those carried forward from prior meetings of the Study cycle;  • Continue to review existing F-Series Recommendations to provide a basis for future proposals to revise them and to consider new deliverables that address the resolves of Resolution **175 (WRC-19)**, as needed;  • Likewise review existing ITU-R SG 5 Study Questions that may be applicable and propose revisions, if determined to be necessary. |

The list of relevant Recommendations and Reports referred to in the draft CPM text and the list of abbreviations and acronyms used in the draft CPM text for WRC-23 agenda item 1.3 appear in Attachments 1 and 2, respectively.

**Attachments:**

[Attachment 1](#att1): List of relevant Recommendations and Reports for WRC-23 agenda item 9.1,   
topic c)

[Attachment 2](#att2): List of abbreviations and acronyms used in the draft CPM text for WRC-23 agenda item 9.1, topic c)

Attachment 1

List of relevant Recommendations and Reports   
for WRC-23 agenda item 9.1, topic c)

ITU-R Recommendations

| ITU-R Series | Recommendation number | Latest publication | Recommendation title | Agenda item | CPM Chapter |
| --- | --- | --- | --- | --- | --- |
| F | 1401 | (01/04) | Considerations for the identification of possible frequency bands for fixed wireless access and related sharing studies | 9.1.c) | 5 |
| F | 1763 | (02/14) | Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz | 9.1.c) | 5 |
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Attachment 2

List of abbreviations and acronyms used in the draft CPM text   
for WRC-23 agenda item 9.1, topic c)

| Abbreviations | Description (reference to RR) |
| --- | --- |
| FWB | Fixed Wireless Broadband |
|  | Fixed Wireless applications (when this term is in the text, please use small a) |
| IMT | International Mobile Telecommunications |
| FWA | Fixed Wireless Access |
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