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| **Radiocommunication Study Groups** |  |
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|  | **Annex 2 to Document 5A/198-E** |
| **28 November 2012** |
| **English only** |
| Annex 2 to Working Party 5A Chairman’s Report | |
| consolidation of TEXTS APPROVED BY working party 5a | |
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[6.5 Liaison statement to BWA & RLAN External Organizations – Request for input for a revision of Recommendation ITU-R M.1450-4 “Characteristics of broadband radio local area networks” 10](#_Toc341791345)

# 1 Documents approved by Working Party 5A

The list of texts that are the responsibility of WP 5A has been updated in line with [Doc. 5/2](http://www.itu.int/md/R12-SG05-C-0002), including the assignment of responsibilities to the working groups of WP 5A and identification of topics for the Recommendations and Reports ([Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0198!N01!MSW-E)).

The guide to the use of ITU-R texts related to the land mobile service including wireless access in the fixed service was updated and the current version is available on the WP 5A webpage: <http://www.itu.int/ITU-R/go/rwp5a/en>.

At its tenth meeting WP 5A approved for submission to Study Group 5 two draft new and revised Recommendations and 3 draft new and revised Reports. See Section [2](#s2) below.

At its tenth meeting WP 5A approved 20 liaison statements to other groups. See Sections [3](#s3), [4](#s4), [5](#s5) and [6](#s6) below.

# 2 Summary of proposals and documents submitted by WP 5A to Study Group 5

### 2.1 Arrangement of M-Series Recommendations

Working Party 5A endorses the comments from WP 5D in [Document 5/15](http://www.itu.int/md/R12-SG05-C-0015/en).

### 2.2 Draft revised and new Recommendations proposed for the Procedure for Simultaneous Adoption and Approval (PSAA)

Working Party 5A proposes the following draft new and revised Recommendations for consideration for PSAA by SG 5.

* Draft new Recommendation ITU-R M.[VARICODE] - Telegraphic alphabet for data communication by phase shift keying at 31 baud in the amateur and amateur-satellite services – [Doc. 5/22](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R07-SG05-C-0294)
* Draft revision of Recommendation ITU-R M.1801-1 - Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service operating below 6 GHz – [Doc. 5/40](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R07-SG05-C-0261)

### 2.3 Draft revised and new Reports

Working Party 5A proposes the following draft new and revised Reports for consideration for approval by SG 5.

* Draft revision of Report ITU-R M.2014-1 - Digital land mobile systems for dispatch traffic – [Doc. 5/21](file:///C:\Users\ecoajoe\Documents\1-Standards\2-ITU\5-NSG5\R07-SG05-C-0289-E.htm)
* Draft revision of Report ITU-R M.2117 - Software-defined radio in the land mobile, amateur and amateur-satellite services – [Doc. 5/23](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R07-SG05-C-0292)
* Draft new Report ITU-R M.[LMS.FA] - Guidance for the development of band plans with contiguous bandwidths for mobile broadband applications for use in spectrum planning – [Doc. 5/39](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R07-SG05-C-0295)

# 3 Liaison statements from Working Party 5A to other ITU-R Groups

| **Liaison to** | **Title/Subject** | **Document number** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- |
| **JTG 4-5-6-7**  **WP 1A**  **WP 3K**  **WP 3M**  **WP 4A**  **WP 4B**  **WP 4C**  **WP 5B**  **WP 5C**  **WP 5D**  **WP 6A**  **WP 7B**  **WP 7C**  **WP 7D** | Liaison statement to Joint Task Group 4-5-6-7  (copy to Working Parties 4A, 4B, 4C, 5B, 5C, 5D, 6A, 7B, 7C, 7D, 1A, 3K, and 3M for information) – WRC-15 Agenda item 1.1 - WP 5A initial information on spectrum requirements studies For WRC-15 Agenda item 1.1 | [1A/63](http://www.itu.int/md/R12-WP1A-C-0063/en)  [3K/38](http://www.itu.int/md/R12-WP3K-C-0038/en)  [3M/62](http://www.itu.int/md/R12-WP3M-C-0062/en)  [4A/143](http://www.itu.int/md/R12-WP4A-C-0143/en)  [4B/68](http://www.itu.int/md/R12-WP4B-C-0068/en)  [4C/112](http://www.itu.int/md/R12-WP4C-C-0112/en)  [4-5-6-7/109](http://www.itu.int/md/R12-JTG4567-C-0109/en)  [5B/169](http://www.itu.int/md/R12-WP5B-C-0169/en)  [5C/117](http://www.itu.int/md/R12-WP5C-C-0117/en)  [5D/213](http://www.itu.int/md/R12-WP5D-C-0213/en)  [6A/177](http://www.itu.int/md/R12-WP6A-C-0177/en)  [7B/99](http://www.itu.int/md/R12-WP7B-C-0099/en)  [7C/76](http://www.itu.int/md/R12-WP7C-C-0076/en)  [7D/42](http://www.itu.int/md/R12-WP7D-C-0042/en) | 71R1 |
| **JTG 4-5-6-7**  **WP 1A**  **WP 3K**  **WP 3M**  **WP 4A**  **WP 4B**  **WP 4C**  **WP 5B**  **WP 5C**  **WP 5D**  **WP 6A**  **WP 7B**  **WP 7C**  **WP 7D** | Liaison statement to Joint Task Group 4-5-6-7 (copy to Working Parties 4A, 4B, 4C, 5B, 5C, 5D, 6A, 7B, 7C, 7D, 1A, 3K, and 3M for information) – WRC-15 Agenda item 1.1 – Sharing considerations for the 5-6 GHz frequency Range for WRC-15 Agenda item 1.1 | [1A/62](http://www.itu.int/md/R12-WP1A-C-0062/en)  [3K/37](http://www.itu.int/md/R12-WP3K-C-0037/en)  [3M/61](http://www.itu.int/md/R12-WP3M-C-0061/en)  [4A/142](http://www.itu.int/md/R12-WP4A-C-0142/en)  [4B/67](http://www.itu.int/md/R12-WP4B-C-0067/en)  [4C/111](http://www.itu.int/md/R12-WP4C-C-0111/en)  [4-5-6-7/108](http://www.itu.int/md/R12-JTG4567-C-0108/en)  [5B/168](http://www.itu.int/md/R12-WP5B-C-0168/en)  [5C/116](http://www.itu.int/md/R12-WP5C-C-0116/en)  [5D/212](http://www.itu.int/md/R12-WP5D-C-0212/en)  [6A/176](http://www.itu.int/md/R12-WP6A-C-0176/en)  [7B/98](http://www.itu.int/md/R12-WP7B-C-0098/en)  [7C/75](http://www.itu.int/md/R12-WP7C-C-0075/en)  [7D/41](http://www.itu.int/md/R12-WP7D-C-0041/en) | 82 |
| **WP 1A**  **WP 1B**  **WP 5B**  **WP 5C**  **WP 6A**  ITU-D SG 1  ITU-D SG 2  ITU-T FG-AVA  ITU-T SG 2  ETSI ERM TG 17  JCA-AHF | Liaison statement to Working Parties 1A, 1B, 5B, 5C and 6A (copy to ITU-T FG-AVA, ITU-T SG 2, ITU-D SG 2, ITU-D SG 1, ETSI ERM TG 17, and JCA-AHF) Draft revision of recommendation ITU-R M.1076 “Wireless communication systems for persons with impaired hearing” | [1A/60](http://www.itu.int/md/R12-WP1A-C-0060/en)  [1B/52](http://www.itu.int/md/R12-WP1B-C-0032/en)  [5B/165](http://www.itu.int/md/R12-WP5B-C-0165/en)  [5C/114](http://www.itu.int/md/R12-WP5C-C-0114/en)  [6A/174](http://www.itu.int/md/R12-WP6A-C-0174/en) | 62R1 |
| **WP 1A**  **WP 3L**  **WP 4C**  **WP 5D**  **WP 6A**  **WP 7C**  **WP 7D**  ITU-T SG 5  ITU-T SG 9  ITU-T SG 15 | Liaison statement to ITU-R Working Parties 1A, 4C, 5D, 6A, 7C and 7D (copy to Working Party 3L  and to ITU-T Study Groups 5, 9 and 15 for information and/or action if any) – Impact from wired telecommunication (including PLT) on radiocommunication systems | [1A/61](http://www.itu.int/md/R12-WP1A-C-0061/en) [3L/30](http://www.itu.int/md/R12-WP3L-C-0030/en) [4C/110](http://www.itu.int/md/R12-WP4C-C-0110/en) [5D/211](http://www.itu.int/md/R12-WP5D-C-0211/en) [6A/175](http://www.itu.int/md/R12-WP6A-C-0175/en) [7C/74](http://www.itu.int/md/R12-WP7C-C-0074/en) [7D/40](http://www.itu.int/md/R12-WP7D-C-0040/en) | 87R1 |
| **WP 1B**  **WP 3M**  **WP 5B**  **WP 5C**  **WP 7B**  **WP 7D** | Liaison statement to Working Party 5B (copy for information to Working Parties 1B, 3M, 5C, 7B, 7D)  Information on amateur service systems at 77.5-78 GHz for use in sharing studies for WRC-15 Agenda item 1.18 | [1B/48](http://www.itu.int/md/R12-WP1B-C-0048/en)  [3M/60](http://www.itu.int/md/R12-WP3M-C-0060/en)  [5B/157](http://www.itu.int/md/R12-WP5B-C-0157/en)  [5C/109](http://www.itu.int/md/R12-WP5C-C-0109/en)  [7B/93](http://www.itu.int/md/R12-WP7B-C-0093/en)  [7D/37](http://www.itu.int/md/R12-WP7D-C-0037/en) | 56 |
| **WP 3L WP 5B WP 5C** | Liaison statement to Working Parties 5B and 5C (copy for information to working party 3L) WRC-15 Agenda item 1.4 – Status of studies and draft CPM text for WRC-15 Agenda item 1.4 | [3L/31](http://www.itu.int/md/R12-WP3L-C-0031/en) [5B/170](http://www.itu.int/md/R12-WP5B-C-0170/en) [5C/120](http://www.itu.int/md/R12-WP5C-C-0120/en) | 88 |
| **WP 3M**  **WP 4A**  **WP 7B** | Liaison statement to ITU-R Working Party 4A (copy to Working Parties 3M and 7B for information)  WRC-15 Agenda item 1.9 Issue 1.9.1 | [3M/64](http://www.itu.int/md/R12-WP3M-C-0064/en)  [4A/149](http://www.itu.int/md/R12-WP4A-C-0149/en)  [7B/101](http://www.itu.int/md/R12-WP7B-C-0101/en) | 86R1 |
| **WP 4A**  **WP 5B**  **WP 5C**  **WP 5D**  **WP 7B**  **WP 7C**  **WP 7D** | Liaison statement to Working Parties 4A, 7B, 7C and 7D (copy to Working Parties 5B, 5C and 5D) – WRC-15 Agenda item 1.6 – Characteristics of and protection criteria for mobile systems operating in the frequency range 14.5‑15.35 GHz | [4A/150](http://www.itu.int/md/R12-WP4A-C-0150/en)  [5B/172](http://www.itu.int/md/R12-WP5B-C-0172/en)  [5C/122](http://www.itu.int/md/R12-WP5C-C-0122/en)  [5D/216](http://www.itu.int/md/R12-WP5D-C-0216/en)  [7B/102](http://www.itu.int/md/R12-WP7B-C-0102/en)  [7C/81](http://www.itu.int/md/R12-WP7C-C-0081/en)  [7D/43](http://www.itu.int/md/R12-WP7D-C-0043/en) | 58R1 |
| **WP 5C** | Reply liaison statement to Working Party 4C – WRC-15 Agenda item 9.1 Issue 9.1.1 | [4C/115](http://www.itu.int/md/R12-WP4C-C-0115/en) | 57 |
| **WP 5C** | Liaison statement to Working Party 5C – Technical characteristics and protection criteria of the systems in the land mobile service | [5C/121](http://www.itu.int/md/R12-WP5C-C-0121/en) | 66 |
| **WP 5C**  **WP 7B** | Liaison statement to ITU-R Working Party 7B  (copied for information to Working Party 5C) – Sharing the 7-8 GHz band between proposed EESS (earth-to-space) under WRC-15 Agenda item 1.11 and existing terrestrial services | [5C/123](http://www.itu.int/md/R12-WP5C-C-0123/en)  [7B/103](http://www.itu.int/md/R12-WP7B-C-0103/en) | 84R1 |
| **WP 5D** | Liaison statement to Working Party 5D  (copy to Joint Task Group 4-5-6-7) – Applicability of the sectoral antenna pattern approximations in Recommendation ITU-R F.1336-3 to the frequency range below 1 GHz | [5D/210](http://www.itu.int/md/R12-WP5D-C-0210/en)  [4-5-6-7/83](http://www.itu.int/md/R12-JTG4567-C-0083/en) | 78 |
| **WP 6A** | Liaison statement to Working Party 6A on  Cognitive Radio Systems (CRS) | [6A/179](http://www.itu.int/md/R12-WP6A-C-0179/en) | 74R1 |
| **WP 7C** | Liaison statement to ITU-R Working Party 7C – Characteristics for systems operating in the mobile service in the frequency bands 8 700-8 750 MHz and 10.0‑10.45 GHz and systems operating in the amateur service and the amateur-satellite service in the frequency band 10.0‑10.5 GHz | [7C/80](http://www.itu.int/md/R12-WP7C-C-0080/en) | 85R1 |

# Liaison statements from Working Party 5A to ITU-D Groups

| **Liaison to** | **Title/Subject** | **Reference** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- |
| WP 1A  WP 1B  WP 5B  WP 5C  WP 6A  **ITU-D SG 1**  **ITU-D SG 2**  ITU-T FG-AVA  ITU-T SG 2  ETSI ERM TG 17  JCA-AHF | Liaison statement to Working Parties 1A, 1B, 5B, 5C and 6A (copy to ITU-T FG-AVA, ITU-T SG 2, ITU-D SG 2, ITU-D SG 1, ETSI ERM TG 17, and JCA-AHF) Draft revision of Recommendation ITU-R M.1076 “Wireless communication systems for persons with impaired hearing” | [1A/60](http://www.itu.int/md/R12-WP1A-C-0060/en)  [1B/52](http://www.itu.int/md/R12-WP1B-C-0032/en)  [5B/165](http://www.itu.int/md/R12-WP5B-C-0165/en)  [5C/114](http://www.itu.int/md/R12-WP5C-C-0114/en)  [6A/174](http://www.itu.int/md/R12-WP6A-C-0174/en) | 62R1 |

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# 5 Liaison statements from Working Party 5A to ITU-T Groups

| **Liaison to** | | **Title/Subject** | **Reference** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- | --- |
| WP 1A  WP 3L  WP 4C  WP 5D  WP 6A  WP 7C  WP 7D  **ITU-T SG 5**  **ITU-T SG 9**  **ITU-T SG 15** | Liaison statement to ITU-R Working Parties 1A, 4C, 5D, 6A, 7C and 7D (copy to Working Party 3L and to ITU-T Study Groups 5, 9 and 15 for information and/or action if any) – Impact from wired telecommunication (including PLT) on radiocommunication systems | [1A/61](http://www.itu.int/md/R12-WP1A-C-0061/en) [3L/30](http://www.itu.int/md/R12-WP3L-C-0030/en) [4C/110](http://www.itu.int/md/R12-WP4C-C-0110/en) [5D/211](http://www.itu.int/md/R12-WP5D-C-0211/en) [6A/175](http://www.itu.int/md/R12-WP6A-C-0175/en) [7C/74](http://www.itu.int/md/R12-WP7C-C-0074/en) [7D/40](http://www.itu.int/md/R12-WP7D-C-0040/en) | 87R1 |
| ITU-T SG 15 | Liaison statement to ITU-T Study Group 15 on ANTS | [Section 5.1](#s51) below | 80 |
| WP 1A  WP 1B  WP 5B  WP 5C  WP 6A  ITU-D SG 1  ITU-D SG 2  **ITU-T FG-AVA**  **ITU-T SG 2**  ETSI ERM TG 17  JCA-AHF | Liaison statement to Working Parties 1A, 1B, 5B, 5C and 6A (copy to ITU-T FG-AVA, ITU-T SG 2, ITU-D SG 2, ITU-D SG 1, ETSI ERM TG 17, and JCA-AHF) Draft revision of recommendation ITU-R M.1076 “Wireless communication systems for persons with impaired hearing” | [1A/60](http://www.itu.int/md/R12-WP1A-C-0060/en)  [1B/52](http://www.itu.int/md/R12-WP1B-C-0032/en)  [5B/165](http://www.itu.int/md/R12-WP5B-C-0165/en)  [5C/114](http://www.itu.int/md/R12-WP5C-C-0114/en)  [6A/174](http://www.itu.int/md/R12-WP6A-C-0174/en) | 62R1 |

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### 5.1 Liaison statement to ITU-T Study Group 15 on ANTS

Working Party 5A thanks ITU-T Study Group 15 for the liaison statement in [Document 5A/120](http://www.itu.int/md/R12-WP5A-C-0120) on the updated documents ANT Standards Overview (Issue 20, September 2012), containing ANT scenarios and a list of Standards and Recommendations from ITU and various Standardization Bodies, as well as the ANT Work Plan (Issue 22, February 2012), providing an overview of various Standardization Groups and ongoing ANT activities (Reference: <http://www.itu.int/ITU-T/studygroups/com15/ant/> on 12 November 2012).

Regarding the ANT Work Plan, with reference to Work Item 4 on Table 4.2 on “Quality of service requirements and objectives for wireless access systems”, please note that the work in ITU-R Working Party 5A is currently stopped pending additional contributions under [Question 101-4/5](http://www.itu.int/pub/R-QUE-SG05.101) “Quality of service requirements in the land mobile service”.

Regarding the ANT Standards Overview please note that ITU-R Working Party 5A has completed a draft revision of Recommendation ITU-R [M.1801](http://www.itu.int/rec/R-REC-M.1801/en) for submission to ITU-R Study Group 5. We will inform ITU-T Study Group 15 when the draft revision is approved by the ITU Member States. Furthermore, ITU-R Working Party 5A has initiated preliminary draft revisions of Recommendations ITU-R [M.1450](http://www.itu.int/rec/R-REC-M.1450/en) and ITU-R [F.1763](http://www.itu.int/rec/R-REC-F.1763/en) which are listed in the table of ANT Relevant Standards by Type and Scenario Reference, and will provide additional information as the work progresses.

Working Party 5A looks forward to continue cooperating with ITU-T Study Group 15 on ANTS and other areas of common interest.

**Contact:** José Costa **E-mail:** [jose.costa@ericsson.com](mailto:jose.costa@ericsson.com)

# 6 Liaison statements from Working Party 5A to external organizations[[1]](#footnote-1)

| **Liaison to** | **Title/Subject** | **Reference** | **Source: 5A/TEMP/ ...** |
| --- | --- | --- | --- |
| APT | Reply liaison statement to APT – Revision of Recommendations ITU-R M.2009 and ITU-R M.2015 | [Section 6.1](#s61) below | 52R1 |
| BWA External Organizations | Liaison statement to BWA External Organizations – Request for input for a revision of Recommendation ITU-R F.1763 - Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz | [Section 6.2](#s62) below | 61 |
| BWA External Organizations | Liaison statement to BWA External Organizations – WRC-15 Agenda item 1.1 - Consideration of spectrum estimates for terrestrial mobile broadband (excluding IMT) applications | [Section 6.3](#s63) below | 73R1 |
| BWA External Organizations | Liaison statement to BWA External Organizations – Invitation to submit contributions to preliminary draft new Report ITU-R M.[LMS.ATG] - Systems for public mobile communications with aircraft | [Section 6.4](#s64) below | 81 |
| BWA and RLAN External Organizations | Liaison statement to BWA & RLAN External Organizations – Request for input for a revision of Recommendation ITU-R M.1450-4 “Characteristics of broadband radio local area networks” | [Section 6.5](#s65) below | 75 |
| WP 1A  WP 1B  WP 5B  WP 5C  WP 6A  ITU-D SG 1  ITU-D SG 2  ITU-T FG-AVA  ITU-T SG 2  **ETSI ERM TG 17**  **JCA-AHF** | Liaison statement to Working Parties 1A, 1B, 5B, 5C and 6A (copy to ITU-T FG-AVA, ITU-T SG 2, ITU-D SG 2, ITU-D SG 1, ETSI ERM TG 17, and JCA-AHF) Draft revision of Recommendation ITU-R M.1076 “Wireless communication systems for persons with impaired hearing” | [1A/60](http://www.itu.int/md/R12-WP1A-C-0060/en)  [1B/52](http://www.itu.int/md/R12-WP1B-C-0032/en)  [5B/165](http://www.itu.int/md/R12-WP5B-C-0165/en)  [5C/114](http://www.itu.int/md/R12-WP5C-C-0114/en)  [6A/174](http://www.itu.int/md/R12-WP6A-C-0174/en) | 62R1 |

### 6.1 Reply liaison statement to APT – Revision of Recommendations ITU-R M.2009 and ITU-R M.2015

ITU-R Working Party 5A would like to thank APT for its reply liaison statements (Documents 5A/[136](http://www.itu.int/md/R12-WP5A-C-0136) and [137](http://www.itu.int/md/R12-WP5A-C-0137)) which indicate that the AWG is developing a new APT report on coexistence between services at the boundary of the 700 MHz and 800 MHz bands and that this APT report could be useful in the proposed revision of Recommendations ITU-R M.2009 and ITU‑R M.2015, which include radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band and frequency arrangements for the PPDR in the UHF bands.

ITU-R Working Party 5A thanks the APT for their offer to provide their output and comments on the working document toward a preliminary draft revision of Recommendation ITU-R M.2009 – “Radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band in accordance with Resolution 646 (WRC-03)” and the working document toward a preliminary draft revision of Recommendation ITU-R M.2015 – *“Frequency arrangements for public protection and disaster relief radiocommunication systems in UHF bands in accordance with Resolution* ***646 (Rev.WRC-12)****”.*

Further, ITU-R Working Party 5A notes that the AWG expects to be able to provide further input from APT-AWG to the WP 5A meeting currently scheduled to be held in November 2013. Please note that the deadline for submission of contributions to ITU-R Study Group meetings is 7 days before the scheduled date of the meeting at 1600 UTC.

ITU-R Working Party 5A looks forward to continued cooperation with APT on this issue.

**Status:**  For information

**Contact:**  Sergio Buonomo **E‑mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int)

**Attachments:**

[Annex 18](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0079!N18!MSW-E) to [Doc. 5A/79](http://www.itu.int/md/R12-WP5A-C-0079/en): Working document towards a preliminary draft revision of Recommendation ITU-R M.2015 - Frequency arrangements for public protection and disaster relief radiocommunication systems in UHF bands in accordance with Resolution 646 (Rev.WRC-12).

[Annex 17](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0198!N17!MSW-E) to [Doc. 5A/198](http://www.itu.int/md/R12-WP5A-C-0198/en): Working document toward a preliminary draft revision of Recommendation ITU-R M.2009 - Radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band in accordance with Resolution 646 (Rev.WRC-12).

## 6.2 Liaison statement to BWA external organizations - Request for input for a revision of Recommendation ITU-R F.1763 - Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz

At its November 2012 meeting, ITU-R Working Party 5A initiated work on a revision of [Recommendation ITU-R F.1763](http://www.itu.int/rec/R-REC-F.1763/en), which identifies specific radio interface standards for broadband wireless access (BWA) systems in the fixed service operating below 66 GHz, and addresses profiles for the recommended interoperability standards.

Annex 1 in the Recommendation provides the relevant standard as one of the radio interface standards for BWA systems in the fixed service. Working Party 5A is of the view that the Recommendation should be updated, as the standards referenced in the Recommendation have been revised, and that new standards could be added to this Recommendation if there are other radio interface standards which are within the scope as described in Section 2 of this Recommendation.

ITU-R Working Party 5A kindly invites external organizations to provide updated and/or new material for a revision of Annex 1 to Recommendation ITU-R F.1763.

The next meeting of Working Party 5A is scheduled for 20-31 May 2013 and the deadline for submission of contributions is 16:00 hours UTC, 13 May 2013.

**Status:** For action

**Contact:** Sergio Buonomo **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int)

**Attachment:** [Recommendation ITU-R F.1763](http://www.itu.int/rec/R-REC-F.1763/en) (<http://www.itu.int/rec/R-REC-F.1763/en>)

## 6.3 Liaison statement to BWA external organizations - WRC-15 Agenda item 1.1 - Consideration of spectrum estimates for terrestrial mobile broadband (excluding IMT) applications

[Working Party 5A](http://www.itu.int/ITU-R/index.asp?category=study-groups&link=rwp5a&lang=en) is responsible under [WRC-15 Agenda item 1.1](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=rcpm-wrc-15-studies&lang=en) to provide spectrum requirements to the [JTG 4-5-6-7](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=jtg4-5-6-7&lang=en) on terrestrial mobile broadband (excluding IMT). Therefore Working Party 5A needs to consider an update to its methodology and spectrum estimates if necessary. The current methodology and spectrum estimates are contained in [Recommendation ITU-R M.1651](http://www.itu.int/rec/R-REC-M.1651/en) “*A method for assessing the required spectrum for broadband nomadic wireless access systems including radio local area networks using the 5 GHz band*” approved in 2003.

Working Party 5A would request that the external organizations consider if there is any need to update this document, and if so, to provide appropriate information. In addition the external organizations are requested to provide appropriate input on any other terrestrial mobile broadband applications (excluding IMT) spectrum estimates if required.

Working Party 5A will specifically address the spectrum estimates at its May 2013 meeting and intends to produce some preliminary results that can be conveyed to the JTG 4-5-6-7 to meet the established deadlines for Agenda item 1.1.

The next meeting of Working Party 5A will be held in the period 20-31 May 2013. The deadline for input contributions for that meeting is 13 May 2013 at 1600 UTC.

**Contact:**  Sergio Buonomo **E-mail**: [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int)

## 6.4 Liaison statement to BWA external organizations - Invitation to submit contributions to preliminary draft new Report ITU-R M.[LMS.ATG] - Systems for public mobile communications with aircraft

At its November 2012 meeting, Working Party 5A has updated the working document towards a preliminary draft new Report ITU-R M.[LMS.ATG] entitled “systems for public mobile communications with aircraft,” and elevated it to a preliminary draft new Report ITU‑R M.[LMS.ATG], which is meant to replace [Report ITU-R M.1051-1](http://www.itu.int/pub/R-REP-M.1051) “public mobile telephone service with aircraft”. The preliminary draft new Report ITU-R M.[LMS.ATG] describes the general principles, technical characteristics and operational features of terrestrial systems for public mobile communications with aircraft.

Working Party 5A has the objective of completing this Report in the May 2013 meeting and continues to invite external organizations to make relevant contributions to the May 2013 meeting, which has a deadline for input contributions of May 13th, 2013 at 1600 hours UTC.

**Contact:** Sergio Buonomo **E-mail:** [Sergio.buonomo@itu.int](mailto:Sergio.buonomo@itu.int)

**Attachment:** [Annex 14](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0198!N14!MSW-E) to [Doc. 5A/198](http://www.itu.int/md/R12-WP5A-C-0198/en) – Preliminary draft new Report ITU-R M.[LMS.ATG] “Systems for Public Mobile Communications with Aircraft”

## 6.5 Liaison statement to BWA & RLAN External Organizations – Request for input for a revision of Recommendation ITU-R M.1450-4 “Characteristics of broadband radio local area networks”

At its November 2012 meeting, ITU-R Working Party 5A initiated work on a revision of [Recommendation ITU-R M.1450](http://www.itu.int/rec/R-REC-F.1450/en), which provides the characteristics of broadband radio local area networks (RLANs) including technical parameters, and information on RLAN standards and operational characteristics. Basic characteristics of broadband RLANs and general guidance for their system design are also addressed.

At the November 2012 meeting Working Party 5A received a contribution (Document [5A/174](http://www.itu.int/md/R12-WP5A-C-0174/en)) that proposed updates to Recommendation ITU-R M.1450. Working Party 5A is of the view that the Recommendation should be updated with new standards which are within the scope of Recommendation ITU-R M.1450. In that regard ITU-R Working Party 5A kindly invites external organizations to provide updated and/or new material for the revision of Recommendation ITU‑R M.1450.

The next meeting of Working Party 5A is scheduled for 20-31 May 2013 and the deadline for submission of contributions is 16:00 hours UTC, 13 May 2013.

**Contact:** Sergio Buonomo **Email:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int)

**Attachment:** [Annex 16](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0198!N16!MSW-E) to [Doc. 5A/198](http://www.itu.int/md/R12-WP5A-C-0198/en) - Working document towards a preliminary draft revision of Recommendation ITU-R M.1450-4 - Characteristics of broadband radio local area networks

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1. See section 4 in [Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0198!N01!MSW-E) to [Doc. 5A/198](http://www.itu.int/md/R12-WP5A-C-0198/en).

   **BWA External Organizations:** 4G Americas, 3GPP, 3GPP RAN, 3GPP2, ARIB, ATIS, AWG, BBF, CCSA, CDG, ETSI, ETSI TC BRAN, ETSI TC DECT, ETSI TC ERM, GSMA, iBurst Association, IEEE, TIA, TIA TR-45, TIA TR-45.3, TIA TR-45.5, TTA, TTC, UMTS Forum, WGA, Wi-Fi Alliance, WiMAX Forum and XGP Forum.

   **BWA & RLAN External Organizations:** Same as BWA plus ETSI ERM-TG11. [↑](#footnote-ref-1)