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| **Radiocommunication Study Groups** |  |
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|  | **Annex 2 toDocument 5A/543-E** |
| **20 June 2014** |
| **English only** |
| Annex 2 to Working Party 5A Chairman’s Report |
| consolidation of TEXTS APPROVED BY working party 5a |
|  |

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# 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(Rev.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-0543!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 to reflect the status of Recommendations and Reports after the meeting of Study Group 5 in December 2013. The current version is available on the WP 5A webpage: <http://www.itu.int/ITU-R/go/rwp5a/en>.

Working Party 5A approved the draft CPM text for agenda items 1.3 and 1.4 for submission to the Chapter Rapporteur, as it appears in [Annex 6](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N06!MSW-E) and [Annex 4](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N04!MSW-E), respectively. The associated report of the activities undertaken by WP 5A in support of these two agenda items are in [Annex 7](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N07!MSW-E) and [Annex 5](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N05!MSW-E), respectively.

In response to [Doc. 5A/352](http://www.itu.int/md/R12-WP5A-C-0352) Working Party 5A approved a note to the Chairman of Study Group 5 “Update of the summary of the progress of the studies requested in the ITU-R Resolutions (for information)”, which appear in [Attachment 1](#att1) to this annex.

In response to [Doc. 5A/354](http://www.itu.int/md/R12-WP5A-C-0354) Working Party 5A approved a note to the Chairman of Study Group 5 “Views of Working Party 5A on the experience and any additional comments for improvements of the demonstration version of the Recommendations database search facility (for information)”, which appear in [Attachment 2](#att2) to this annex.

Working Party 5A approved the terms of reference for the correspondence group on local coverage which appear in Attachment 2 to [Annex 3](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N03!MSW-E) to [Doc. 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en) and the terms of reference for the correspondence group on Report ITU-R M.[PPDR]", which appear in Attachment 4 to [Annex 3](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N03!MSW-E) to [Doc. 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en). See also Section 6.5 in [Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N01!MSW-E) for instructions on how to join the correspondence groups.

At its thirteenth meeting Working Party 5A approved 18 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 5Ato Study Group 5

### 2.1 Draft revised Recommendation proposed for adoption

Working Party 5A proposes the following draft revised Recommendations for consideration for adoption by Study Group 5.

* Draft revision of Recommendation ITU-R M.2003 - Multiple Gigabit Wireless Systems in frequencies around 60 GHz – [Doc. 5/105](http://www.itu.int/md/R12-SG05-C-0105/en)

### 2.2 Draft revised Reports

Working Party 5A proposes the following draft revised Report for consideration for approval by Study Group 5.

* Draft revision of Report ITU-R M.2227 - Multiple Gigabit Wireless Systems in frequencies around 60 GHz – [Doc. 5/104](http://www.itu.int/md/R12-SG05-C-0104)

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

| **Liaison to** | **Title/Subject** | **Document number** | **Source:5A/TEMP/** |
| --- | --- | --- | --- |
| **CCV** | Liaison statement to the Coordination Committee for Vocabulary (CCV) on updating the integrated database of ITU terms and definitions | [CCV/37](http://www.itu.int/md/R12-CCV-C-0037/en) | [**[ 209 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0209) |
| **JTG 4-5-6-7**WP 5BWP 7C | Liaison statement to Joint Task Group 4-5-6-7 (Copy to Working Parties 5B and 7C for information) - Possible mitigation techniques to address interference to EESS (active) and Radiodetermination from the potential use of the frequency band 5 350-5 470 MHz by RLANs | [4-5-6-7/591](http://www.itu.int/md/R12-JTG4567-C-0591/en)[5B/641](http://www.itu.int/md/R12-WP5B-C-0641/en)[7C/265](http://www.itu.int/md/R12-WP7C-C-0265/en)/ | [**[ 237 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0237) (Rev.1) |
| **WP 1B** | Reply liaison statement to Working Party 1B - WRC-15 agenda item 9.1, issue 9.1.7 - Resolution 647 (Rev.WRC-12) | [1B/176](http://www.itu.int/md/R12-WP1B-C-0176/en) | [**[ 210 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0210) (Rev.1) |
| **WP 1B**WP 5BWP 5CWP 5D | Liaison statement to Working Party 1B (copied to Working Parties 5B, 5C and 5D for information) - Working document towards a preliminary draft new Report ITU-R SM.[DYNAMIC ACCESS] - Spectrum management principles and spectrum engineering techniques for dynamic access to spectrum by radio systems employing cognitive capabilities | [1B/174](http://www.itu.int/md/R12-WP1B-C-0174/en) [5B/637](http://www.itu.int/md/R12-WP5B-C-0637/en) [5C/301](http://www.itu.int/md/R12-WP5C-C-0301/en) [5D/642](http://www.itu.int/md/R12-WP5D-C-0642/en) | [**[ 221 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0221) (Rev.1) |
| **WP 4A** | Liaison statement to Working Party 4A - WRC-15 agenda item 1.6 | [4A/490](http://www.itu.int/md/R12-WP4A-C-0490/en) | [**[ 222 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0222) (Rev.1) |
| **WP 4C** | Liaison statement to Working Party 4C - WRC-15 agenda item 1.9.2 | [4C/308](http://www.itu.int/md/R12-WP4C-C-0308/en) | [**[ 213 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0213) (Rev.1) |
| **WP 4C** | Liaison statement to Working Party 4C - WRC-15 agenda item 9.1, issue 9.1.1 | [4C/310](http://www.itu.int/md/R12-WP4C-C-0310/en) | [**[ 215 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0215) |
| **WP 4C**WP 3MWP 4AWP 4BWP 5CWP 7AWP 7BWP 7CWP 7D | Liaison statement to Working Party 4C (copied for information to Working Parties 3M, 4A, 4B, 5C, 7A, 7B, 7C and 7D) - WRC-15 agenda item 1.10 | [3M/137](http://www.itu.int/md/R12-WP3m-C-0137/en)[4A/491](http://www.itu.int/md/R12-WP4A-C-0491/en)[4B/149](http://www.itu.int/md/R12-WP4B-C-0149/en)[4C/309](http://www.itu.int/md/R12-WP4C-C-0309/en)[5C/307](http://www.itu.int/md/R12-WP5C-C-0307/en)[7A/58](http://www.itu.int/md/R12-WP7A-C-0058/en)[7B/299](http://www.itu.int/md/R12-WP7B-C-0299/en)[7C/266](http://www.itu.int/md/R12-WP7C-C-0266/en)[7D/117](http://www.itu.int/md/R12-WP7D-C-0117/en) | [**[ 214 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0214) |
| **WP 5B** | Working Parties 5A and 5C liaison statement to Working Party 5B - WRC-15 agenda item 1.16 | [5B/631](http://www.itu.int/md/R12-WP5B-C-0631/en) | [**[ 204 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0204) (Rev.1) |
| **WP 5B**WP 1C | Working Parties 5A and 5C liaison statement to Working Party 5B (copy for information to Working Party 1C) - Station call-sign identification to be used by oceanographic radar in frequency band 3 to 50 MHz | [1C/103](http://www.itu.int/md/R12-WP1C-C-0103/en)[5B/630](http://www.itu.int/md/R12-WP5B-C-0630/en) | [**[ 208 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0208) |
| **WP 5BWP 5C**WP 3L | Liaison statement to Working Parties 5B and 5C (copy for information to Working Party 3L) | [3L/71](http://www.itu.int/md/R12-WP3L-C-0071/en)[5B/642](http://www.itu.int/md/R12-WP5B-C-0642/en)[5C/308](http://www.itu.int/md/R12-WP5C-C-0308/en) | [**[ 235 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0235) |
| **WP 5C** | Liaison statement to Working Party 5C - Potential impact to the fixed service from automotive collision avoidance radar in adjacent frequency bands 76-77 GHz and 77-81 GHz | [5C/295](http://www.itu.int/md/R12-WP5A-C-0295/en) | [**[ 207 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0207) (Rev.1) |
| **WP 5D** | Liaison statement to Working Party 5D - Working document toward a preliminary draft new Report ITU-R M.[PPDR] "public protection and disaster relief communications" | [5D/646](http://www.itu.int/md/R12-WP5D-C-0646/en) | [**[ 242 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0242) |
| **WP 5D** | Liaison statement to Working Party 5D on local coverage operation of broadband wireless access systems in the bands below 6 GHz | [5D/645](http://www.itu.int/md/R12-WP5D-C-0645/en) | [**[ 228 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0228) (Rev.1) |
| ITU-T FG InnovationTSAGITU-T SG 17SG 5WP 5BWP 5CWP 5D | Liaison statement to ITU-T FG Innovation, TSAG and Study Group 17 (Copy for information to ITU-R Study Group 5, Working Parties 5B, 5C, and 5D) - New Standardization Activities for the International Telecommunication Union - Standardization Sector (ITU-T)- Proposed New Standardization Activities for ITU-T SG 17 | [5/103](http://www.itu.int/md/R12-SG05-C-0103/en)[5B/640](http://www.itu.int/md/R12-WP5B-C-0640/en)[5C/306](http://www.itu.int/md/R12-WP5C-C-0306/en)[5D/644](http://www.itu.int/md/R12-WP5D-C-0644/en) | [**[ 203 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0203) |

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

None.

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

| **Liaison to** | **Title/Subject** | **References** | **Source:5A/TEMP/** |
| --- | --- | --- | --- |
| **ITU-T FG InnovationTSAGITU-T SG 17**SG 5WP 5BWP 5CWP 5D | Liaison statement to ITU-T FG Innovation, TSAG and Study Group 17 (Copy for information to ITU-R study group 5, Working Parties 5B 5C, and 5D)- New Standardization Activities for the International Telecommunication Union - Standardization Sector (ITU-T)- Proposed New Standardization Activities for ITU-T SG 17 | [5/103](http://www.itu.int/md/R12-SG05-C-0103/en)[5B/640](http://www.itu.int/md/R12-WP5B-C-0640/en)[5C/306](http://www.itu.int/md/R12-WP5C-C-0306/en)[5D/644](http://www.itu.int/md/R12-WP5D-C-0644/en) | [**[ 203 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0203) |
| **ITU-T SG 15** | Liaison statement to ITU-T Study Group 15 on ANTS | *See*[*Section 5.1*](#s51) | [**[ 227 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0227) |
| **JCA-AHFIRG-AVQA**CEPT WG FMETSI ERMETSI TG 17EHIMA | Liaison statement to JCA-AHF and IRG-AVQA, CEPT ECC WG FM, ETSI ERM, ETSI ERM TG 17, and EHIMA - Question ITU-R 254/5 -Operation of short-range Radiocommunication public access system supporting hearing aid systems | *See*[*Section 5.2*](#s52) | [**[ 206 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0206) (Rev.1) |

### 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/461](http://www.itu.int/md/R12-WP5A-C-0461) on the updated documents ANT Standards Overview (Issue 24, April 2014 Q 1/15 Meeting), 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, April 2014 Q 1/15 Meeting), providing an overview of various Standardization Groups and ongoing ANT activities (Reference: <http://www.itu.int/ITU-T/studygroups/com15/ant/>, 22 April 2014).

Regarding the ANT Work Plan, the information that WP 5A provided in previous liaison statements (dated July 2013) has been superseded by the information in this liaison statement, thus the ANT Work Plan should be updated accordingly.

Regarding the ANT Standards Overview, WP 5A offers the following comments:

– On page 9, under “XNI Interfaces”, “Broadband (above 2 Mbit/s)”, WP 5A proposes adding:

– RLANs (Recommendation ITU-R M.1450);
– Broadband wireless access systems (Recommendation ITU-R M.1801).

– On page 55, in the table, the publication date for the latest revision of Recommendation ITU-R F.1763 should be Feb. 2014 and for the latest revision of Recommendation
ITU-R M.1801 should be Feb. 2013.

– On page 96, in the table, the publication date for the latest revision of Recommendation ITU-R M.1450 should be Apr. 2014 and for the latest revision of Recommendation ITU-R M.652 should be May 2011.

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

## 5.2 Liaison statement to JCA-AHF and IRG-AVQA, CEPT ECC WG FM, ETSI ERM, ETSI ERM TG 17, and EHIMA - Question ITU-R 254/5 -Operation of short-range Radiocommunication public access system supporting hearing aid systems

Working Party 5A wishes to inform JCA-AHF and IRG-AVQA, CEPT ECC WG FM, ETSI ERM,
ETSI ERM TG 17, and EHIMA that [Question ITU-R 254/5](http://www.itu.int/pub/R-QUE-SG05.254) “Operation of short-range radiocommunication public access system supporting hearing aid systems” was approved by
the ITU-R Member States as of 28 April 2014 (refer to [Circular Letter CACE/674](http://www.itu.int/md/R00-CACE-CIR-0674/en)).

As the responsible Working Party, Working Party 5A will start the work during its 14th meeting from 27 October to 6 November 2014. WP 5A would welcome input from your organization to assist Working Party 5A on the studies under this Question (shown below). The deadline for contributions is 20 October 2014 at 16:00 hours UTC.

Question ITU-R 254/5 – Operation of short-range radiocommunication public access system supporting hearing aid systems

<http://www.itu.int/pub/R-QUE-SG05.254-2014>

**Status:** For action

**Contacts:** Brian Copsey **E-mail:** brian.copsey@ties.itu.int

 Sergio Buonomo **E-mail:** sergio.buonomo@itu.int

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

| **Liaison to** | **Title/Subject** | **References** | **Source:5A/TEMP/...** |
| --- | --- | --- | --- |
| **ETSIIEEE** | Liaison statement to European Telecommunication Standards Institute (ETSI) and the Institute of Electrical and Electronics Engineers (IEEE) on the work towards a Preliminary Draft New Recommendation ITU-R M.[V2X] - Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communication for intelligent transport systems applications | *See*[*Section 6.1*](#s61) | [**[ 225 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0225) |
| JCA-AHFIRG-AVQA**CEPT WG FMETSI ERMETSI TG 17EHIMA** | Liaison statement to JCA-AHF and IRG-AVQA, CEPT ECC WG FM, ETSI ERM, ETSI ERM TG 17, and EHIMA - Question ITU-R 254/5 -Operation of short-range Radiocommunication public access system supporting hearing aid systems | *See*[*Section 5.2*](#s52) | [**[ 206 ]**](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=R12-WP5A-140519-TD-0206) (Rev.1) |

### 6.1 Liaison statement to European Telecommunication Standards Institute (ETSI) and the Institute of Electrical and Electronics Engineers (IEEE) on the work towards a Preliminary Draft New Recommendation ITU-R M.[V2X] - Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communication for intelligent transport systems applications

At its thirteenth meeting held in May 2014, ITU-R Working Party 5A (WP 5A) conducted the development work toward a new Recommendation ITU-R M.[V2X] on vehicle-to-vehicle and vehicle-to-infrastructure communication.

The work is expected to recommend specific radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communication for intelligent transport systems (ITS) applications.

WP 5A updated a working document toward a preliminary draft new Recommendation ITU-R M.[V2X], electronically attached to this liaison statement, which Technical Committee ITS in ETSI and IEEE802.11 are kindly asked to review the working document and to provide a contribution, as appropriate.

The next meeting of WP 5A is scheduled from 27 October to 7 November 2014 and the deadline for submission of contributions is 16:00 hours UTC, 20 October 2014.

**Status:** For action

**Contact:** Sergio Buonomo **E-mail:** sergio.buonomo@itu.int

**Attachment:** [Annex 19](https://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N19!MSW-E) to [Document 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en): “Working document toward a preliminary draft new Recommendation ITU-R M.[V2X]”

# Attachment 1NOTE TO THE CHAIRMAN OF STUDY GROUP 5Update of the summary of the progress of the studies requested in the ITU-R Resolutions (for information)

(Source: Doc. 5A/TEMP/245)



# Attachment 2NOTE TO THE CHAIRMAN OF STUDY GROUP 5Views of Working Party 5A on the experience and any additional comments for improvements of the demonstration version of the recommendations database search facility (for information)

(Source: Doc. 5A/TEMP/246)

As requested in [Doc. 5A/354](http://www.itu.int/md/R12-WP5A-C-0354), Working Party 5A has collected views on the experience and additional comments for improvements of the demonstration version of the Recommendations database search facility, which is available at <https://extranet.itu.int/itu-r/rsg/docs/filter.aspx>.

Comments:

1) The keyword "RLAN" only results in Rec. ITU-R M.1454. However, when looking at the WP 5A "[Guide to the use of ITU-R texts relating to the land mobile service, including wireless access in the fixed service](http://www.itu.int/oth/R0A06000001/en)" there are many more Recommendations related to RLANs. The user of the search engine may not realize this.

2) The keyword "radio local area network" results in many more Recommendations, but did not include M.1454 since its title does not include those words, but instead uses "RLAN".

3) In Annex A to the "[Guide to the use of ITU-R texts relating to the land mobile service, including wireless access in the fixed service](http://www.itu.int/oth/R0A06000001/en)" there is a very useful column "Relevant Topic(s)". Perhaps those topics could be added into the search engine.

4) In the "frequency to be entered" it is not clear whether frequency ranges can be entered and in what format: it would useful to make available a user guide.

Additional suggestions for improvements:

5) The search facility should include additional fields, including a search for Key Word in Context (KWIC), that is, search all Recommendations containing a specified word or phrase.

6) The search facility could be expanded to include ITU-R Reports, as they too are of great value to the work of the expert groups.

7) It would also be nice if the results of the search would have a hyperlink to the publications so that they could be easily opened/downloaded.

1. See Section 4 in [Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N01!MSW-E) to [Doc. 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en). [↑](#footnote-ref-1)