|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
|  | **Annex 2 to Document 5A/650-E** |
| **6 December 2017** |
| **English only** |
| Annex 2 to Working Party 5A Chairman’s Report | |
| consolidation of TEXTS APPROVED BY working party 5a | |
|  | |

CONTENTS

Page

[1 Documents approved by Working Party 5A 2](#_Toc500332843)

[2 Summary of proposals and documents submitted by WP 5A to Study Group 5 2](#_Toc500332844)

[2.1 Summary of documents approved by Working Party 5A 2](#_Toc500332845)

[2.2 Summary of proposals and documents submitted by Working Party 5A   
to Study Group 5 2](#_Toc500332846)

[3 Liaison statements from Working Party 5A to other ITU-R Groups 3](#_Toc500332847)

[4 Liaison statements from Working Party 5A to external organizations 4](#_Toc500332848)

[4.1 Reply liaison statement to APT (copy to ATU, ASMG, CEPT, CITEL,   
RCC for information) – Study progress on RSTT 5](#_Toc500332849)

[4.2 Liaison statement to regional organizations on public protection and   
disaster relief – Public protection and disaster relief 5](#_Toc500332850)

[4.3 Liaison statement to External Organizations on the revision of   
Recommendation ITU-R M.2084-0 – “Radio interface standards of vehicle-to-vehicle   
and vehicle-to-infrastructure communications for Intelligent Transport System   
applications” 6](#_Toc500332851)

# 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. 5/1(Rev.1)](http://www.itu.int/md/R15-SG05-C-0001), 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=R15-WP5A-C-0650!N01!MSW-E)).

Working Party 5A approved an update to the “[Guide to the use of ITU-R texts relating to the land mobile service](http://www.itu.int/oth/R0A06000001/en)” for posting on the WP 5A webpage: <http://www.itu.int/ITU-R/go/rwp5a>.

At its nineteenth meeting, Working Party 5A approved 19 liaison statements to other groups; see sections 3 and 4 below.

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

## 2.1 Summary of documents approved by Working Party 5A

At its 19th meeting WP 5A decided to implement factual editorial updates of the guides to the use of ITU-R texts related to the radiocommunication services under the responsibility of WP 5A between the meetings of WP 5A (i.e., updates of references to Recommendations, Reports and Handbooks as they are approved), while amendments of substance will be considered at the WP 5A meetings, such as that in Doc. 5A/TEMP/269 that was approved by WP 5A and will be implemented. The current versions of the “[Guide to the use of ITU-R texts related to the land mobile service including wireless access in the fixed service](http://www.itu.int/oth/R0A06000001/en)” and the [Guide to the use of ITU-R texts relating to the amateur and amateur-satellite services](http://www.itu.int/oth/R0A06000067) are available on the WP 5A webpage: <http://www.itu.int/ITU-R/go/rwp5a>.

## 2.2 Summary of proposals and documents submitted by Working Party 5A to Study Group 5

### 2.2.1 Draft revised Recommendations proposed for PSAA

Working Party 5A decided to propose the following two draft revised Recommendation for consideration for adoption by Study Group 5.

– Draft revision of Recommendation ITU-R M.2003-1 - Multiple Gigabit Wireless Systems in frequencies around 60 GHz – [Doc. 5/67](http://www.itu.int/md/R15-SG05-C-067)

– Draft revision of Recommendation ITU-R M..2015-1 - Frequency arrangements for public protection and disaster relief radiocommunication systems in UHF bands in accordance with Resolution 646 (Rev.WRC-15) – [Doc. 5/82](http://www.itu.int/md/R15-SG05-C-082/en)

### 2.2.2 Draft revised and new Reports

Working Party 5A decided to propose the following 5 draft revised and new Reports for consideration for approval by Study Group 5.

– Draft revision of Report ITU-R M.2227-1 – Multiple Gigabit Wireless Systems in frequencies around 60 GHz – [Doc. 5/66](http://www.itu.int/md/R15-SG05-C-066/en)

– Draft new Report ITU- M.[RSTT.DESCRIPTION] – Description of Railway Radiocommunication Systems between Train and Trackside (RSTT) – [Doc. 5/81](http://www.itu.int/md/R15-SG05-C-081/en)

– Draft revision of Report ITU-R M.2377-0 – Radiocomunication objectives and requirements for Public Protection and Disaster Relief (PPDR) – [Doc. 5/71](http://www.itu.int/md/R15-SG05-C-071/en)

– Draft new Report ITU-R M.[PPDR SPECTRUM] – Spectrum needs for Public Protection and Disaster Relief (PPDR) – [Doc. 5/72](http://www.itu.int/md/R15-SG05-C-072/en)

– Draft new Report ITU-R M.[300GHZ\_MS\_CHAR] – Technical and operational characteristics of land-mobile service applications in the frequency range 275-450 GHz – [Doc. 5/80](http://www.itu.int/md/R15-SG05-C-080/en)

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

| Liaison statement to[[1]](#footnote-1) | Title/Subject | Document number | Source: 5A/TEMP/ |
| --- | --- | --- | --- |
| CCV | Liaison statement to the Coordination Committee for Vocabulary (CCV) – Preliminary definitions for consideration for inclusion in the online integrated database of ITU Terms and Definitions: "Conventional Digital Land Mobile Radio" | [CCV/37](http://www.itu.int/md/R15-CCV-C-0037/en) | 247R1 |
| **WP 1A**  WP 5C  WP 7C  WP 7D | Reply liaison statement to ITU-R Working Party 1A (copy for information to Working Parties 5C, 7C and 7D) – WRC‑19 agenda item 1.15 | [1A/253](http://www.itu.int/md/R15-WP1A-C-0253)  [5C/412](http://www.itu.int/md/R15-WP5C-C-0412)  [7C/209](http://www.itu.int/md/R15-WP7C-C-0209)  [7D/124](http://www.itu.int/md/R15-WP7D-C-0124) | 206R3 |
| **WP 1A**  WP 5B  WP 5C  WP 5D | Reply liaison statement to Working Party 1A (copied to Working Parties 5B, 5C and 5D for information) – Assessment of the impact of unwanted radio frequency energy generated by non-radiocommunication equipment to radiocommunication services | [1A/250](http://www.itu.int/md/R15-WP1A-C-0250)  [5B/412](http://www.itu.int/md/R15-WP5B-C-0412)  [5C/413](http://www.itu.int/md/R15-WP5C-C-0413)  [5D/773](http://www.itu.int/md/R15-WP5D-C-0773) | 225R1 |
| **WP 1A** | *Working Parties 5A, 5B and 5C:* Reply liaison statement to Working Party 1A – System parameter tables in Recommendation ITU-R SM.1448 and Appendix **7** (Rev.WRC-15) of the Radio Regulations on coordination areas around an earth-station | [1A/229](http://www.itu.int/md/R15-WP1A-C-0229) | 218 |
| **WP 1B**  WP 5D | Reply liaison statement to ITU-R Working Party 1B (copy to Working Party 5D for information) – Work on WRC-19 agenda item 9.1, issue 9.1.8 | [1B/230](http://www.itu.int/md/R15-WP1B-C-0230)  [5D/774](http://www.itu.int/md/R15-WP5D-C-0774) | 256R1 |
| **WP 3K**  **WP 3M**  **WP 5B**  **WP 5C**  **WP 6A** | Liaison statement to Working Parties 3K, 3M, 5B, 5C and 6A – Progress report on WRC-19 agenda item 1.1 sharing and compatibility studies | [3K/207](http://www.itu.int/md/R15-WP3K-C-0207)  [3M/273](http://www.itu.int/md/R15-WP3M-C-0273)  [5B/418](http://www.itu.int/md/R15-WP5B-C-0418)  [5C/420](http://www.itu.int/md/R15-WP5C-C-0420)  [6A/332](http://www.itu.int/md/R15-WP6A-C-0332) | 243 |
| **WP 4A**  WP 4C  WP 7B | Reply liaison statement to Working Party 4A (copied to Working Parties 4C and 7B) – Simplified regulatory regime for non-GSO satellites with short duration missions | [4A/532](http://www.itu.int/md/R15-WP4A-C-0532)  [4C/280](http://www.itu.int/md/R15-WP4C-C-0280)  [7B/249](http://www.itu.int/md/R15-WP7B-C-0249) | 226R1 |
| **WP 4A** | Liaison statement to Working Party 4A – Sharing and compatibility studies regarding WRC-19 agenda item 1.16 | [4A/533](http://www.itu.int/md/R15-WP4A-C-0533) | 232R2 |
| **WP 4A** | Liaison statement to Working Party 4A – Updated receiver characteristics of systems in the land mobile service for use in sharing and compatibility studies for WRC-19 agenda item 1.5 | [4A/536](http://www.itu.int/md/R15-WP4A-C-0536) | 229R1 |
| **WP 5B** | Reply liaison statement to Working Party 5B - Studies for the implementation of Resolution **155 (WRC-15)** | [5B/408](http://www.itu.int/md/R15-WP5B-C-0408) | 217R1 |
| **WP 5B**  WP 5C | Liaison statement to Working Party 5B (copied to Working Party 5C for information) – Interference criteria of conventional and trunked land mobile systems to be used in sharing studies for WRC-19 agenda item 1.9.2 | [5B/407](http://www.itu.int/md/R15-WP5B-C-0407)  [5C/408](http://www.itu.int/md/R15-WP5C-C-0408) | 216R1 |
| **WP 5C** | Liaison statement to Working Party 5C – Updated receiver characteristics of systems in the land mobile service for use in sharing and compatibility studies for WRC-19 agenda item 1.14 (HAPS) | [5C/407](http://www.itu.int/md/R15-WP5C-C-0407) | 215R1 |
| **WP 5D** | Liaison statement to Working Party 5D – Work on WRC-19 agenda item 9.1, issue 9.1.8 | [5D/780](http://www.itu.int/md/R15-WP5D-C-0780) | 255R1 |
| **WP 5D** | Liaison statement to Working Party 5D – IMT-2020 technologies for broadband PPDR | [5D/783](http://www.itu.int/md/R15-WP5D-C-0783) | 212R1 |
| **WP 7C**  **WP 7D**  WP 5B | Liaison statement to Working Parties 7C and 7D (copied to Working Party 5B for information) – Coexistence between high-speed railway radiocommunication system between train and trackside operating in the frequency bands 92-94 GHz, 94.1-100 GHz and 102-109.5 GHz, and active and passive services | [5B/417](http://www.itu.int/md/R15-WP5B-C-0417)  [7C/217](http://www.itu.int/md/R15-WP7C-C-0217)  [7D/130](http://www.itu.int/md/R15-WP7D-C-0130) | 224R2 |
| **WP 7C**  WP 5B  WP 5C | Reply liaison statement to Working Party 7C (copied to Working Parties 5B and 5C for information) – Technical and operational characteristics for the 40-50 MHz frequency range (WRC-23 preliminary agenda item 2.2) | [5B/414](http://www.itu.int/md/R15-WP5B-C-0414)  [5C/418](http://www.itu.int/md/R15-WP5C-C-0418)  [7C/214](http://www.itu.int/md/R15-WP7C-C-0214) | 242R1 |

# 4 Liaison statements from Working Party 5A to external organizations[[2]](#footnote-2)

| Liaison to | Title/Subject | References | Source: 5A/TEMP/ |
| --- | --- | --- | --- |
| **APT** (copy to ASMG, ATU, CEPT, CITEL, RCC) | Reply liaison statement to APT (copy to ATU, ASMG, CEPT, CITEL, RCC for information) – Study progress on RSTT | *See* [*section 4.1*](#s61) | 248R1 |
| **REGIONAL GROUPS: APT, ASMG, ATU, CEPT, CITEL, RCC** | Liaison statement to regional organizations on public protection and disaster relief – Public protection and disaster relief | *See* [*section 4.2*](#s62) | 219R1 |
| **ITS** External Organizations | Liaison statement to External Organizations on the revision of Recommendation ITU-R M.2084-0 “Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communications for Intelligent Transport System applications” | *See* [*section 4.3*](#_6.3_Liaison_statement) | 262R1 |

## 4.1 Reply liaison statement to APT (copy to ATU, ASMG, CEPT, CITEL, RCC for information) - Study progress on RSTT

ITU-R Working Party 5A thanks APT Wireless Group (AWG) for its liaison statement (Document [5A/507](http://www.itu.int/md/R15-WP5A-C-0507/en)) which provided study results of RSTT in APT.

At its November 2017 meeting,

– the draft new Report ITU-R M.[RSTT.DESCRIPTION] has been completed and submitted to Study Group 5 for consideration. The Report has been subsequently approved by Study Group 5 meeting on 20 November 2018.

– working document towards a preliminary draft new report ITU-R M.[RSTT.USAGE] ([Annex 17](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0650!N17!MSW-E.docx) to Document [5A/650](https://www.itu.int/md/R15-WP5A-C-0650/en)) and Working document towards a preliminary draft new recommendation ITU-R M.[RSTT\_FRQ] ([Annex 18](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0650!N18!MSW-E.docx) to Document [5A/650](https://www.itu.int/md/R15-WP5A-C-0650/en)) have been improved.

WP 5A would like to continue communication with AWG on any new progress related to this issue.

**Attachment**: Draft new Report ITU-R M.[RSTT.DESCRIPTION] (Document 5/81)

|  |  |
| --- | --- |
| **Status:** For information |  |
| **Contact:** Sergio Buonomo  Counselor ITU-R SG 5 | **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int) |

## 4.2 Liaison statement to regional organizations on public protection and disaster relief – Public protection and disaster relief

Working Party 5A (WP 5A) thanks the regional organizations for their collaboration in finalizing the revision of Recommendation ITU-R M.2015 – Frequency arrangements for public protection and disaster relief radiocommunication systems in accordance with Resolution **646 (Rev.WRC-15)**, and attaches a copy of the finalized draft revision of the Recommendation for your information.

In accordance with Resolution **646 (Rev.WRC-15)**, WP 5A has incorporated harmonized and country-specific frequency arrangements into Annex 1 (aligning with *resolves* 2 and 3 of the Resolution) and Annex 2 (aligned with *resolves* 4 of the Resolution) of the draft revised Recommendation.

At its November 2017 meeting, WP 5A considered the possible suppression of Recommendation ITU-R M.1826-0 – Harmonized frequency channel plan for broadband public protection and disaster relief operations at 4 940-4 990 MHz in Regions 2 and 3, and decided to preserve this Recommendation.

WP 5A would like to inform you that it has completed the draft revision of Report ITU-R M.2377-0 – Radiocommunication objectives and requirements for Public Protection and Disaster Relief (PPDR) and has finalized the development of the draft new Report ITU-R M.[PPDR SPECTRUM] – Spectrum needs for Public Protection and Disaster Relief (PPDR).

WP 5A has also identified the following Recommendations that may require consequential amendment in accordance with Resolution **646 (Rev.WRC-15)** andas a result of finalizing the revision of Recommendation ITU-R M.2015. They are:

– Recommendation ITU-R M.1826-0 – Harmonized frequency channel plan for broadband public protection and disaster relief operations at 4 940-4 990 MHz in Regions 2 and 3

– Recommendation ITU-R M.1637-0 – Global cross-border circulation of radiocommunication equipment in emergency and disaster relief situations

– Recommendation ITU-R M.2009-1 – 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)**.

Based on input contributions, WP 5A may undertake revisions to the three above listed Recommendations at a future meeting.

WP 5A looks forward to ongoing collaboration with the regional organizations on public protection and disaster relief.

|  |  |
| --- | --- |
| **Status:** For information and action, if any |  |
| **Contact:** Sergio Buonomo | **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int) |

**Attachments:**

1 Draft revision of Recommendation ITU-R M.2015-1 (Document [5/82](https://www.itu.int/md/R15-SG05-C-0082/en)). This document is currently circulated to ITU Members for approval.

2 Draft revision of Report ITU-R M.2377-0 – Radiocommunication objectives and requirements for Public Protection and Disaster Relief (PPDR) (Document [5/71](https://www.itu.int/md/R15-SG05-C-0071/en))

3 Draft new Report ITU-R M.[PPDR SPECTRUM] (M.2415) – Spectrum needs for Public Protection and Disaster Relief (PPDR) (Document [5/72](https://www.itu.int/md/R15-SG05-C-0082/en))

Both draft Reports have been approved by Study Group 5 meeting on 20 November 2018.

## 4.3 Liaison statement to External Organizations on the revision of Recommendation ITU-R M.2084-0 – “Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communications for Intelligent Transport System applications”

At its November 2017 meeting WP 5A progressed the revision of Recommendation [ITU-R M.2084-0](http://www.itu.int/rec/R-REC-M.2084-0-201509-I/en) “Radio interface standards of vehicle-to-vehicle and vehicle‑to-infrastructure communications for Intelligent Transport System applications”. However, the meeting agreed to extend finalization of this revision until May 2018 in order to allow some members to submit their standards and technical specifications. Even though the work will continue, the document is considered relatively stable as a preliminary draft revision of Recommendation ITU-R M.2084 (see [Annex 30](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0650!N30!MSW-E.docx) to Document [5A/650](https://www.itu.int/md/R15-WP5A-C-0650/en)).

WP 5A invites external organizations to submit updated information, if any, on technical standards, and will consider any input contributions at its next meeting in May 2018. The deadline for submission of contributions is prior to 16:00 (UTC) on 14 May 2018.

|  |  |
| --- | --- |
| **Status:** For action |  |
| **Contact:** Sergio Buonomo  Counselor ITU-R SG5 | **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int) |

1. Bold font indicates the primary recipients; “copy to” the others. [↑](#footnote-ref-1)
2. See section 4 in [Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0298!N01!MSW-E) to Doc. [5A/298](http://www.itu.int/md/R15-WP5A-C-0298/en). [↑](#footnote-ref-2)