|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
|  |  |
|  | **Annex 2 to Document 5A/736-E** |
| **31 August 2015** |
| **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](#_Toc425503001)

[2 Summary of proposals and documents submitted by WP 5A to Study Group 5 2](#_Toc425503002)

[2.1 Draft revised and new Recommendation proposed for PSAA 2](#_Toc425503003)

[2.2 Draft revised and new Reports and suppression of one Report 2](#_Toc425503004)

[2.3 Draft revised and new Questions 3](#_Toc425503005)

[3 Liaison statements from Working Party 5A to other ITU-R Groups 3](#_Toc425503006)

[4 Liaison statements from Working Party 5A to ITU-D Groups 4](#_Toc425503007)

[5 Liaison statements from Working Party 5A to ITU-T Groups 4](#_Toc425503008)

[5.1 Liaison statement to ITU-T Study Group 15 on ANTS 4](#_Toc425503009)

[6 Liaison statements from Working Party 5A to external organizations 5](#_Toc425503010)

[6.1 Liaison statement to External Standard Development Organizations on the standardization status of Intelligent Transport System (ITS) radio interface technologies 5](#_Toc425503011)

[6.2 Liaison statement to External Organizations - Invitation to review the working document towards a preliminary draft revision of Report ITU-R M.2014-2 - Digital land mobile systems for dispatch traffic 6](#_Toc425503012)

# 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.3)](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-0736!N01!MSW-E)).

Working Party 5A approved updates to the use of ITU-R texts for the services that is responsible for and they are available on the WP 5A webpage: <http://www.itu.int/ITU-R/go/rwp5a> :

• “[Guide to the use of ITU-R texts relating to the amateur and amateur-satellite services](http://www.itu.int/oth/R0A06000067)”

• “[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)”

WP 5A developed two notes for information to the Chairman of Study Group 5 (see Annex 2 and Annex 3 to [Doc. 5/242](http://www.itu.int/md/R12-SG05-C-0242/en)):

• Update of the summary of the work conducted by WP 5A in support of the studies requested by WRC Resolutions and Recommendations, except those directly related to WRC-15 agenda items (Annex 2 to [Doc. 5/242](http://www.itu.int/md/R12-SG05-C-0242/en)).

• Update of the summary of the work conducted by WP 5A in support of ITU-R Resolutions (Annex 3 to [Doc. 5/242](http://www.itu.int/md/R12-SG05-C-0242/en)).

At its fifteenth meeting Working Party 5A approved 13 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 Draft revised and new Recommendation proposed for PSAA

Working Party 5A proposes the following draft revised and new Recommendations for consideration for PSAA by Study Group 5:

• Draft revision of Recommendation ITU-R M.1544-0 “Minimum qualifications of radio amateurs” – [Doc. 5/221](http://www.itu.int/md/R12-SG05-C-0221/en)

• Draft new Recommendation ITU-R M.[V2X] - Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communications for Intelligent Transport System applications (Question ITU-R 205/5) – [Doc. 5/222](http://www.itu.int/md/R12-SG05-C-0222/en)

## 2.2 Draft revised and new Reports and suppression of one Report

Working Party 5A proposes the following draft revised and new Report for consideration for approval by Study Group 5 and the suppression of one Report.

• Draft revision Report ITU-R M.2228 - Advanced intelligent transport system radiocommunications – [Doc. 5/223](http://www.itu.int/md/R12-SG05-C-0223)

• Draft new Report ITU-R M.[PPDR] "Radiocommunication objectives and requirements for Public Protection and Disaster Relief (PPDR)" – [Doc. 5/263](http://www.itu.int/md/R12-SG05-C-0263) and the simultaneous suppression of [Report ITU-R M.2033](http://www.itu.int/pub/R-REP-M.2033).

• Draft new Report ITU-R M.[LOCAL\_COVERAGE] - Operational guidelines for the deployment of broadband wireless access systems for local coverage operating below   
6 GHz – [Doc. 5/265](http://www.itu.int/md/R12-SG05-C-0265)

## 2.3 Draft revised and new Questions

Working Party 5A proposes the draft Questions in [Doc. 5/230](http://www.itu.int/md/R12-SG05-C-0230/en), which include 14 draft revised Questions and one draft new Question, for consideration for PSAA by Study Group 5.

The draft revision of Question ITU-R [242-1/5](http://www.itu.int/pub/R-QUE-SG05/%20%20%20%20%20%20%20%20%20%20%20%20%20%20publications.aspx?lang=en&parent=R-QUE-SG05.242) has been undertaken jointly by WP 5A and WP 5C. This Question is proposed to be under joint responsibility of WP 5A and WP 5C, future revisions of this Question will be handled in coordination by both groups.

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

|  | **Title/Subject** | **Document number** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- |
| **CCV** | Liaison statement to the Coordination Committee for Vocabulary (CCV) on PPDR terms and definitions | [CCV/68](http://www.itu.int/md/R12-CCV-C-0068/en) | 320R2 |
| **CCV** | Liaison statement to the Coordination Committee for Vocabulary (CCV) on updating the integrated database of ITU Terms and Definitions | [CCV/69](http://www.itu.int/md/R12-CCV-C-0069/en) | 304 |
| **WP 5D** | Liaison statement to Working Party 5D - New Report  ITU-R M.2377 - Objectives and requirements for Public Protection and Disaster Relief radiocommunications systems | [5D/1061](http://www.itu.int/md/R12-WP5D-C-1061/en) | 315R1 |
| **WP 4A**  WP 5C  WP 5D | Liaison statement to Working Party 4A - Working document towards a preliminary draft new Recommendation ITU-R SF.[INTERF.AREA] | [4A/677](http://www.itu.int/md/R12-WP4A-C-0677/en)  [5C/436](http://www.itu.int/md/R12-WP5C-C-0436/en)  [5D/1062](http://www.itu.int/md/R12-WP5D-C-1062/en) | 322R1 |
| **WP 4A WP 4C WP 5B WP 5C WP 5D WP 7B WP 7C WP 7D** | Liaison statement to Working Parties 4A, 4C, 5B, 5C, 5D, 7B, 7C and 7D - On proposed revisions to Recommendation ITU-R M.1732 | [4A/675](http://www.itu.int/md/R12-WP4A-C-0675/en)  [4C/445](http://www.itu.int/md/R12-WP4C-C-0445)  [5B/890](http://www.itu.int/md/R12-WP5B-C-0890)  [5C/434](http://www.itu.int/md/R12-WP5C-C-0434)  [5D/1058](http://www.itu.int/md/R12-WP5D-C-1058/en)  [7B/377](http://www.itu.int/md/R12-WP7B-C-0377)  [7C/361](http://www.itu.int/md/R12-WP7C-C-0361)  [7D/179](http://www.itu.int/md/R12-WP7D-C-0179) | 296 |
| **WP 1B** | Reply liaison statement to Working Party 1B - Proposed draft new Question concerning spectrum management on intelligent transport systems | [1B/249](http://www.itu.int/md/R12-WP1B-C-0249/en) | 311R1 |
| **WP 1B**  WP 5D  ITU-D SG 1 | Liaison statement to Working Party 1B (copy to ITU-D SG 1 and ITU-R WP 5D for information) - Working document towards a preliminary draft new Report  ITU-R SM.[INNOVATIVE REGULATORY TOOLS] - Innovative regulatory tools to support enhanced shared use of the spectrum | [1B/247](http://www.itu.int/md/R12-WP1B-C-0247/en)  [5D/1059](http://www.itu.int/md/R12-WP5D-C-1059/en) | 301R1 |
| **WP 1A**  WP 1B WP 1C WP 4A WP 4C WP 5B WP 5C WP 5D WP 6A WP 7B WP 7C WP 7D | Liaison statement to Working Party 1A (copy for information to Working Parties 1B, 1C, 4A, 4C, 5B, 5C, 5D, 6A, 7B, 7C and 7D) - Working document toward a preliminary draft new Report ITU-R SM.[CHAR-UNWANTED] | [1A/248](http://www.itu.int/md/R12-WP1A-C-0248)  [1B/248](http://www.itu.int/md/R12-WP1B-C-0248)  [1C/174](http://www.itu.int/md/R12-WP1C-C-0174)  [4A/676](http://www.itu.int/md/R12-WP4A-C-0676)  [4C/446](http://www.itu.int/md/R12-WP4C-C-0446)  [5B/891](http://www.itu.int/md/R12-WP5B-C-0891)  [5C/435](http://www.itu.int/md/R12-WP5C-C-0435)  [5D/1060](http://www.itu.int/md/R12-WP5D-C-1060/en)  [6A/654](http://www.itu.int/md/R12-WP6A-C-0654)  [7B/378](http://www.itu.int/md/R12-WP7B-C-0378)  [7C/362](http://www.itu.int/md/R12-WP7C-C-0362)  [7D/180](http://www.itu.int/md/R12-WP7D-C-0180) | 302R1 |
| **WP 1A**  WP 5C  WP 7C  WP 7D | Reply liaison statement to Working Party 1A - Copy for information to Working Parties 5C, 7C and 7D - The land mobile service in the frequency range 275-1 000 GHz | [1A/247](http://www.itu.int/md/R12-WP1A-C-0247/en)  [5C/433](http://www.itu.int/md/R12-WP5C-C-0433/en)  [7C/360](http://www.itu.int/md/R12-WP7C-C-0360/en)  [7D/178](http://www.itu.int/md/R12-WP7D-C-0178/en) | 288 |
| **ITU-D/ITU-R JOINT GROUP FOR RESOLUTION 9**  ITU-R SG 1  ITU-R WP 1B  ITU-R SG 5  ITU-R SG 6  ITU-R WP 6A | Liaison statement to ITU-D/ITU-R Joint Group for Resolution 9 on work item during the 2014-2017 study period (copy for information to ITU-R SG 1, SG 5, SG 6 and their relevant Working Parties on work items pertinent to WTDC Resolution 9) | [1/181](http://www.itu.int/md/R12-SG01-C-0181)  [1B/242](http://www.itu.int/md/R12-WP1B-C-0242/en)  [5/264](http://www.itu.int/md/R12-SG05-C-0264/en)  [6/407](http://www.itu.int/md/R12-SG06-C-0407)  [6A/648](http://www.itu.int/md/R12-WP6A-C-0648) | 306 |

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

|  | **Title/Subject** | **Document number** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- |
| **WP 1B**  WP 5D  ITU-D SG 1 | Liaison statement to Working Party 1B (copy to ITU-D SG 1 and ITU-R WP 5D for information) - Working document towards a preliminary draft new Report ITU-R SM.[INNOVATIVE REGULATORY TOOLS] - Innovative regulatory tools to support enhanced shared use of the spectrum | [1B/247](http://www.itu.int/md/R12-WP1B-C-0247/en)  [5D/1059](http://www.itu.int/md/R12-WP5D-C-1059/en) | 301R1 |
| **ITU-D/ITU-R JOINT GROUP FOR RESOLUTION 9**  ITU-R SG 1  ITU-R WP 1B  ITU-R SG 5  ITU-R SG 6  ITU-R WP 6A | Liaison statement to ITU-D/ITU-R Joint Group for Resolution 9 on work item during the 2014-2017 study period (copy for information to ITU-R SG 1, SG 5, SG 6 and their relevant Working Parties on work items pertinent to WTDC Resolution 9) | [1/181](http://www.itu.int/md/R12-SG01-C-0181)  [1B/242](http://www.itu.int/md/R12-WP1B-C-0242/en)  [5/264](http://www.itu.int/md/R12-SG05-C-0264/en)  [6/407](http://www.itu.int/md/R12-SG06-C-0407)  [6A/648](http://www.itu.int/md/R12-WP6A-C-0648) | 306 |

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

| **Liaison to** | | **Title/Subject** | **References** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- | --- |
| **ITU-T SG 15** | Liaison statement to ITU-T Study Group 15 on ANTS | *See* [*Section 5.1*](#s52) | 300R1 |

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

Working Party 5A thanks ITU-T Study Group 15 for the liaison statements in Documents [5A/647](http://www.itu.int/md/R12-WP5A-C-0647/en) and [5A/648](http://www.itu.int/md/R12-WP5A-C-0648/en), including the updated documents ANT Standards Overview (Issue 25, December 2014), containing ANT scenarios and a list of Standards and Recommendations from ITU and various Standardization Bodies, as well as the ANT Work Plan (Issue 23, December 2014), providing an overview of various Standardization Groups and ongoing ANT activities  
(Reference: <http://www.itu.int/ITU-T/studygroups/com15/ant/>, December 2014).

Working Party 5A has reviewed this information and does not have any update at this time.

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

|  |  |
| --- | --- |
| **Status:** For information |  |
| **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** | **References** | **Source: 5A/TEMP/** |
| --- | --- | --- | --- |
| **ITS**  **External Organizations** | Liaison statement to External Standard Development Organizations on the standardization status of Intelligent Transport System (ITS) radio interface technologies | *See* [*Section 6.1*](#s61) | 310R1 |
| **BWA and PPDR External Organizations** | Liaison statement to External Organizations - Invitation to review the working document towards a preliminary draft revision of Report  ITU-R M.2014-2 - Digital land mobile systems for dispatch traffic | *See* [*Section 6.2*](#s62) | 303R1 |

## 6.1 Liaison statement to External Standard Development Organizations[[2]](#footnote-2) on the standardization status of Intelligent Transport System (ITS) radio interface technologies

ITU-R Working Party 5A (WP 5A) has been working towards identifying specific radio interface standards for vehicle-to-vehicle and vehicle-to-infrastructure communications for ITS applications. At its meeting in July 2015, WP 5A finalized and submitted to SG 5 for final approval a draft new Recommendation ITU-R M.[V2X] (Document [5/222](http://www.itu.int/md/R12-SG05-C-0222/en)) and a draft revision of Report ITU-R M.2228 (Document [5/223](http://www.itu.int/md/R12-SG05-C-0223/en)), which are attached to this liaison statement. The draft new Recommendation contains the published ITS radio interface standards of ETSI, IEEE, ARIB and TTA.

During the WP 5A meeting, the status of radio interface standardization of ITS in 3GPP, CCSA and ISO TC204 were presented in Document [5A/692](http://www.itu.int/md/R12-WP5A-C-0692/en). WP 5A acquired the information that ITS radio interface standards are being considered also in these Standard Development Organizations (SDOs).

WP 5A invites external SDOs to provide information on their progress of ITS radio interface standards development to future WP 5A meetings. If the SDOs produce new ITS radio interface standards, or updates one that is already included in ITU-R Recommendation or Report, WP 5A encourages the SDOs to inform WP 5A of these new or updated standards.

The next meeting of WP 5A is planned for 9-19 May 2016 and the deadline for contributions is 1600 hours UTC 7 days before the beginning of the meeting.

|  |  |
| --- | --- |
| **Status:** For action |  |
| **Contact:** Sergio Buonomo | **E-mail:** [Sergio.Buonomo@itu.int](mailto:Sergio.Buonomo@itu.int) |

**Attachment\*:** Draft Recommendation ITU-R M.[V2X]: Document [5/222](http://www.itu.int/md/R12-SG05-C-0222/en)   
 Draft revision of R[eport ITU-R M.2228](http://www.itu.int/md/R12-WP5A-150706-TD-0307/en): Document [5/223](http://www.itu.int/md/R12-SG05-C-0223/en)

\* *Note by the Secretariat:* At the meeting of ITU-R Study Group 5 on 20-21 July 2015, Report ITU-R M.2228-1 was approved and the draft Recommendation ITU-R M.[V2X] was agreed for the procedure of simultaneous adoption and approval by consultation in Circular Letter [CACE/741](http://www.itu.int/md/R00-CACE-CIR-0741/en) with a deadline of 30 September 2015.

## 6.2 Liaison statement to External Organizations[[3]](#footnote-3) - Invitation to review the working document towards a preliminary draft revision of Report ITU-R M.2014-2 - Digital land mobile systems for dispatch traffic

At its July 2015 meeting, Working Party 5A initiated the revision process for update of Report ITU‑R M.2014-2, “Digital land mobile systems for dispatch traffic”. Based on input contribution, WP 5A has prepared a working document towards the revision of Report ITU-R M.2014-2.

Working Party 5A kindly invites external organizations to consider the working document towards the revision of Report ITU-R M.2014-2, which is attached below, and provide any update or new material to complete the revision work.

The next meeting of Working Party 5A is scheduled for 9-19 May 2016 and the deadline for submission of contributions, 7 days before the start of the meeting, is 16:00 hours UTC of 2 May 2016.

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

**Attachment:** Working document towards a preliminary draft revision of  
Report ITU-R M.2014-2 “Digital land mobile systems for dispatch traffic” ([Annex 5](https://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0736!N05!MSW-E) to [Doc. 5A/736](http://www.itu.int/md/R12-WP5A-C-0736/en)).

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)
2. 3GPP, ARIB, AWG, CCSA, ETSI TC ERM, IEEE, TIA, and TTA. [↑](#footnote-ref-2)
3. 3GPP, 3GPP RAN, 3GPP2, 4G Americas, ARIB, ATIS, AWG, BBF, CCSA, CDG, ETSI, ETSI ERM-TG41, 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. [↑](#footnote-ref-3)