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| **Radiocommunication Study Groups** |  |
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|  | **Annex 2 to Document 5A/1065-E** |
| **20 May 2019** |
| **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 Working Party (WP) 5A has been updated in line with Doc. [5/1(Rev.2)](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-1065!N01!MSW-E) to Doc. [5A/1065](https://www.itu.int/md/R15-WP5A-C-1065/en)). WP 5A updated the Guide to the use of ITU-R texts relating to the amateur and amateur-satellite services.

At its twenty-second meeting, Working Party 5A approved 8 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 Draft revised and new Recommendations proposed for Adoption

WP 5A submitted four draft revised and one draft new Recommendations for adoption by Study Group 5:

– Draft revision of Recommendation ITU-R M.1746-0 – *Harmonized frequency channel plans for the protection of property using data communication* – Doc. [5/139](http://www.itu.int/md/R15-SG05-C-0139)

– Draft revision of Recommendation ITU-R M.1826 – *Harmonized frequency channel plan for broadband public protection and disaster relief operations at 4 940-4 990 MHz in Regions 2 and 3* – Doc. [5/140](http://www.itu.int/md/R15-SG05-C-0140)

– Draft revision of Recommendation ITU-R M.1808 – *Technical and operational characteristics of conventional and trunked land mobile systems operating in the mobile service allocations below 869 MHz to be used in sharing studies in bands below 960 MHz - (Questions ITU-R 1-3/8 and ITU-R 7-5/8)* – Doc. [5/142](http://www.itu.int/md/R15-SG05-C-0142)

– Draft revision of Recommendation ITU-R M.2084-0 – *Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure two-way communications for Intelligent Transport System applications (Question ITU-R 205-5/5)* – Doc. [5/149](http://www.itu.int/md/R15-SG05-C-0149)

– Draft new Recommendation ITU-R M.[MS.RXCHAR-28] – *Receiver characteristics and protection criteria for systems (excluding IMT) in the mobile service in the frequency range 27.5-29.5 GHz for use in sharing and compatibility studies* – Doc. [5/147](http://www.itu.int/md/R15-SG05-C-0147)

In addition (cf. section 3.10 of Doc. 5A/1065), WP 5C submitted to Study Group 5 a draft revision of Recommendation ITU-R F.758-6 – “System parameters and considerations in the development of criteria for sharing or compatibility between digital fixed wireless systems in the fixed service and systems in other services and other sources of interference”, which is the joint responsibility of WP 5A and WP 5C (Doc. [5/145](http://www.itu.int/md/R15-SG05-C-0145)).

## 2.2 Draft new Reports

WP 5A proposed the following three draft new Reports for consideration for approval by Study Group 5:

– Draft new Report ITU-R M.[CDLMR] – *Conventional digital land mobile radio systems* – Doc. [5/141](http://www.itu.int/md/R15-SG05-C-0141)

– Draft new Report ITU-R M.[NON\_IMT.MTC\_USAGE] – *The use of land mobile systems, excluding IMT, for machine-type communications* – Doc. [5/148](http://www.itu.int/md/R15-SG05-C-0148)

– Draft new Report ITU-R M.[AMATEUR\_50\_MHz] – *Spectrum needs for the amateur service in the frequency band 50-54 MHz in Region 1 and sharing with mobile, fixed, radiolocation and broadcasting services* – Doc. [5/152](http://www.itu.int/md/R15-SG05-C-0152)

## 2.3 Proposed editorial updates of Questions

WP 5A proposed editorial updates of the following 9 Questions for consideration by Study Group 5:

– Questions ITU-R 1-6/5, 7-7/5, 37-6/5, 48-7/5, 212-4/5, 215-4/5, 242-2/5, 250-1/5, and 254/5 – Doc. [5/158](http://www.itu.int/md/R15-SG05-C-0158)

## 2.4 Draft revised and new Questions proposed for Adoption

WP 5A proposed the following 6 draft revised and one new Questions for consideration for adoption by Study Group 5:

– Draft revision of Question ITU-R 101-4/5 - *Quality of service requirements in the land mobile service* – Doc. [5/153](http://www.itu.int/md/R15-SG05-C-0153)

– Draft revision of Question ITU-R 205-5/5 – *Intelligent Transport Systems* – Doc. [5/151](http://www.itu.int/md/R15-SG05-C-0151)

– Draft revision of Question ITU-R 209-5/5 – *Use of the mobile, amateur and amateur satellite services in support of disaster radiocommunications* – Doc. [5/154](http://www.itu.int/md/R15-SG05-C-0154)

– Draft revision of Question ITU-R 238-2/5 – *Mobile broadband wireless access systems* – Doc. [5/155](http://www.itu.int/md/R15-SG05-C-0155)

– Draft revision of Question ITU-R 241-3/5 – *Cognitive radio systems in the mobile service* – Doc. [5/157](http://www.itu.int/md/R15-SG05-C-0157)

– Draft revision of Question ITU-R 256/5 – *Technical and operational characteristics of the land mobile service in the frequency range 275-1 000 GHz* – Doc. [5/156](http://www.itu.int/md/R15-SG05-C-0156)

– Draft new Question ITU-R M.[CAV]/5 – *Radiocommunication requirements for connected automated vehicles (CAV)* – Doc. [5/150](http://www.itu.int/md/R15-SG05-C-0150)

# 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/ |
| **WP 1A**  WP 5B  WP 5C  WP 5D  WP 6A  WP 7A  WP 7B  WP 7C  WP 7D  ITU-T SG 15 | Reply liaison statement to Working Party 1A (copy to ITU-T Study Group 15 and ITU-R Working Parties 5B, 5C, 5D, 6A, 7A, 7B, 7C, and 7D) "Preliminary draft revision of Report ITU-R SM.2351-2 on Smart Grid Utility Management Systems" | [1A/401](https://www.itu.int/md/R15-WP1A-C-0401/en)  [5B/713](https://www.itu.int/md/R15-WP5B-C-0713/en)  [5C/649](https://www.itu.int/md/R15-WP5C-C-0649/en)  [5D/1193](https://www.itu.int/md/R15-WP5D-C-1193/en)  [6A/530](https://www.itu.int/md/R15-WP6A-C-0530/en)  [7A/80](https://www.itu.int/md/R15-WP7A-C-0080/en)  [7B/386](https://www.itu.int/md/R15-WP7B-C-0386/en)  [7C/361](https://www.itu.int/md/R15-WP7C-C-0361/en)  [7D/201](https://www.itu.int/md/R15-WP7C-C-0201/en) | 405R1 |
| **WP 3J**  **WP 3K**  **WP 3M** | Liaison statement to Working Parties 3J, 3K AND 3M “Working document towards a preliminary draft revision of Report ITU-R M.2417-0” | [3J/265](https://www.itu.int/md/R15-WP3J-C-0265/en)  [3K/315](https://www.itu.int/md/R15-WP3K-C-0315/en)  [3M/411](https://www.itu.int/md/R15-WP3M-C-0411/en) | 396R1 |
| **WP 4A**  WP 5C | Liaison statement to ITU-R Working Party 4A (copied for information to Working Party 5C) – Recommendation ITU-R M.[MS-RXCHAR-28] | [4A/840](https://www.itu.int/md/R15-WP4A-C-0840/en)  [5C/650](https://www.itu.int/md/R15-WP5C-C-0650/en) | 419R1 |
| **WP 6A** | Reply liaison statement to Working Party 6A –  WRC-19 agenda item 1.11 | [6A/529](https://www.itu.int/md/R15-WP6A-C-0529/en) | 417R1 |
| **WP 7B** | Liaison statement to Working Party 7B – Revision of Recommendation ITU-R M.1808 | [7B/387](https://www.itu.int/md/R15-WP7B-C-0387/en) | 404R1 |
| **WP 7C**  WP 7D | Reply liaison statement to Working Party 7C (copy for information to Working Party 7D) – Working document towards a preliminary draft new Report ITU-R M.[100GHZ.RSTT.COEXIST] | [7C/360](https://www.itu.int/md/R15-WP7C-C-0360/en)  [7D/200](https://www.itu.int/md/R15-WP7D-C-0200/en) | 402R1 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Liaison to | Title/Subject | References | Source: 5A/TEMP/ |
| **WP 1A**  WP 5B  WP 5C  WP 5D  WP 6A  WP 7A  WP 7B  WP 7C  WP 7D  ITU-T SG 15 | Reply liaison statement to Working Party 1A (copy to ITU-T Study Group 15 and ITU-R Working Parties 5B, 5C, 5D, 6A, 7A, 7B, 7C, and 7D) "Preliminary draft revision of Report ITU-R SM.2351-2 on Smart Grid Utility Management Systems" | [1A/401](https://www.itu.int/md/R15-WP1A-C-0401/en)  [5B/713](https://www.itu.int/md/R15-WP5B-C-0713/en)  [5C/649](https://www.itu.int/md/R15-WP5C-C-0649/en)  [5D/1193](https://www.itu.int/md/R15-WP5D-C-1193/en)  [6A/530](https://www.itu.int/md/R15-WP6A-C-0530/en)  [7A/80](https://www.itu.int/md/R15-WP7A-C-0080/en)  [7B/386](https://www.itu.int/md/R15-WP7B-C-0386/en)  [7C/361](https://www.itu.int/md/R15-WP7C-C-0361/en)  [7D/201](https://www.itu.int/md/R15-WP7C-C-0201/en) | 405R1 |
| **ITU-T SG 20** | Liaison statement to ITU-T SG20 – Update of the IOT and SC&C standards roadmap and the list of contact points | See [section 4.1](#S41) | 397R1 |
| **CITS** | Reply liaison statement to ITU-T collaboration on ITS Communication Standards (CITS) - ITS communication standards online database | See [section 4.2](#S42) | 394 |

## 4.1 Liaison statement to ITU-T SG 20 – Update of the IOT and SC&C standards roadmap and the list of contact points

ITU-R Working Party 5A (WP 5A) would like to thank ITU-T SG 20 for its liaison statement on ITU-T Joint Coordination Activity on Internet of Things and Smart Cities and Communities (JCA‑IoT and SC&C) and its request to update the IoT and SC&C standards roadmap and the list of contact points.

Upon ITU-T SG 20 request, WP 5A would like to provide the updated list of contact points as in Attachment 1.

WP 5A would also like to provide information regarding activities under its purview related to IoT and M2M as in Attachment 2, in addition to Recommendation ITU-R M.2002 and Report ITU-R M.2224, which have already been included in JCA-IoT and SC&C Standards Roadmap.

WP 5A kindly requests to be kept informed of any activities related to SG 20’s work on IoT/M2M. WP 5A intends to continue to provide relevant information on activities under its purview to SG 20.

|  |  |
| --- | --- |
| **Status:** For action |  |
| **Contact:** Hitoshi Yoshino | **Email:** [hitoshi.yoshino@g.softbank.co.jp](mailto:hitoshi.yoshino@g.softbank.co.jp) |

**Attachments:** 2

Attachment 1

Updated list of contact points for the participating entities

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Organization** | **Contact** | **Email** |
| **14.** | ITU-R WP 5A | **Bo LI** | [paul.libo@huawei.com](mailto:paul.libo@huawei.com) |

Attachment 2

IoT and SC&C Standards Roadmap input table

| Activity domain | Entity | Title of deliverable | Scope of deliverable | Current status | Starting date | Date (or target date) of approval |
| --- | --- | --- | --- | --- | --- | --- |
| IoT/  M2M | ITU-R SG 5 WP 5A | Draft new Report ITU-R M.[NON\_IMT.MTC\_USAGE]  The use of land mobile system for machine-type communications | This report provides information on the use of land mobile systems (excluding IMT) for machine-type communications.  The report presents information on wireless industrial automation (WIA). Various typical WIA applications include factory automation, process automation, audio visual interaction, remote control, mobile robotics and vehicles, ranging from low latency applications (e.g. robotic arms) to reliable and secure applications (e.g. driverless autonomous transportation systems).  This report also presents information of the applications of MTC in Smart Grid, such as millisecond-level precise load control, distribution automation, electricity information acquisition, distributed generation monitoring, electric vehicle charging stations.  This report also provides examples of frequency bands used for IoT/M2M applications. | Draft Report | 2017-05 | 2019-09 |

## 4.2 Reply liaison statement to ITU-T collaboration on ITS Communication Standards (CITS) - ITS communication standards online database

ITU-R Working Party (WP) 5A thanks ITU-T CITS for its liaison statement ([Document 5A/995](file:///C:\Users\敏\Downloads\R15-WP5A-C-0995!!MSW-E%20(1).docx)) regarding the ITS Communication Standards Online Database.

WP 5A was assigned [Question ITU-R 205-5/5](file:///C:\Users\敏\Downloads\R-QUE-SG05.205-5-2012-MSW-E%20(1).docx) on Intelligent Transport Systems (ITS). During the current study period, WP 5A has focused on WRC-19 agenda item 1.12, relating to ITS, in addition to Question ITU-R 205-5/5. Consequently, WP 5A has developed and published a number of ITU-R Reports and Recommendations related to Question ITU-R 205-5/5 and agenda item 1.12. In addition, WP 5A is currently updating the Land Mobile Handbook, [Volume 4](http://www.itu.int/pub/R-HDB-49/en), on ITS. This update of the Handbook is scheduled to be completed in 2020.

An overview of the ITS deliverables developed by ITU-R WP 5A can be found in Chapter 7 of the “[Guide to the use of ITU-R texts relating to the Land Mobile Service, including Wireless Access in the Fixed Service](https://www.itu.int/oth/R0A06000001/en)”.

WP 5A hopes that ITU-T CITS finds this information useful in its work on the ITS Communication Standards Online Database.

|  |  |
| --- | --- |
| **Status:** For information |  |
| **Contact:** Satoshi Oyama | **E-mail:** [s-oyama@arib.or.jp](mailto:gregory.ratta@asrcfederal.com) |

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1. Bold font indicates the primary recipients; “copy to” the others. [↑](#footnote-ref-1)