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| **Radiocommunication Study Groups** |  |
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|  | **Annex 2 toDocument 5A/844-E** |
| **15 June 2018** |
| **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. 5/1(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-0844!N01!MSW-E) to [Doc. 5A/844](https://www.itu.int/md/R15-WP5A-C-0844/en)).

Working Party 5A approved the draft CPM text for the agenda items under its responsibility for submission to the respective Chapter Rapporteurs for the draft CPM Report according to the following table[[1]](#footnote-1):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Agenda item/Issue | Topic | Resolution | Draft CPM text | Report of activities | Chapter Rapporteur |
| 1.1 | Allocation of 50-54 MHz to the amateur service in Region 1  | [658 (WRC-15)](http://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000C0001PDFE.pdf) | [**Annex 4**](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N04!MSW-E) | [Annex 5](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N05!MSW-E) | Chapter 5 – Mr Wael SAYED(Egypt (Arab Republic of))Email: wsayed@ntra.gov.eg  |
| 1.11 | Railway radiocommunication systems | [236 (WRC-15)](http://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000C0012PDFE.pdf) | [**Annex 6**](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N06!MSW-E) | [Annex 7](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N07!MSW-E) | Chapter 1 – Ms Keer ZHU (China (People's Republic of))Email: Zhukeer@miit.gov.cn  |
| 1.12 | Intelligent Transport Systems (ITS) | [237 (WRC-15)](http://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000C0013PDFE.pdf) | [**Annex 8**](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N08!MSW-E) | [Annex 9](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N09!MSW-E) |
| 1.16 | WAS/RLAN between 5 150 & 5 925 MHz | [239 (WRC-15)](http://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000C0017PDFE.pdf) | [**Annex 10**](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N10!MSW-E) | [Annex 11](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N11!MSW-E) | Chapter 2 – Mr José De Jesús ARIAS FRANCO(Mexico)Email: jose.arias@ift.org.mx  |
| /9.1.5 | Recs. ITU-R M.1638-1 and ITU-R M.1849-1 in Nos. **5.447F** and **5.450A** | [764 (WRC-15)](http://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000C0023PDFE.pdf) | [**Annex 12**](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N12!MSW-E) | [Annex 13](https://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844!N13!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 twentieth meeting, Working Party 5A approved 21 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

At its 20th meeting Working Party 5A did not submit any draft Recommendations or Reports to Study Group 5, but provided comments ([Doc. 5C/527](http://www.itu.int/md/R15-WP5C-C-0527)) to WP 5C on the draft revision of Recommendation ITU-R F.1105-3 “Fixed wireless systems for disaster mitigation and relief operations”, which is the join responsibility of both working parties. WP 5C finalized the draft revision and submitted it to SG 5 ([Doc. 5/93](https://www.itu.int/md/R15-SG05-C-0093/en)).

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

| Liaison statement to[[2]](#footnote-2) | Title/Subject | Document number | Source:5A/TEMP/ |
| --- | --- | --- | --- |
| **WP 1A**WP 1BWP 3LWP 5BWP 6A | Liaison statement to Working Party 1A (copy for information to Working Parties 1B, 3L, 5B and 6A) – Applicability of Recommendation ITU-R M.1732 for use in studies undertaken in working document towards a preliminary draft new Report ITU-R SM.[WPT\_100-148.5kHz] | [1A/333](http://www.itu.int/md/R15-WP1A-C-0333)[1B/294](http://www.itu.int/md/R15-WP1B-C-0294)[3L/66](http://www.itu.int/md/R15-WP3L-C-0066)[5B/539](http://www.itu.int/md/R15-WP5B-C-0539)[6A/399](http://www.itu.int/md/R15-WP6A-C-0399) | 317 |
| **WP 1A**WP 1BWP 3LWP 6A | Liaison statement to Working Party 1A (copy for information to Working Parties 1B, 3L and 6A) – Working document towards a preliminary draft new Report ITU-R SM.[WPT\_100-148.5 kHz] | [1A/332](http://www.itu.int/md/R15-WP1A-C-0332) [1B/293](http://www.itu.int/md/R15-WP1B-C-0293)[3L/65](http://www.itu.int/md/R15-WP3L-C-0065) [6A/398](http://www.itu.int/md/R15-WP6A-C-0398) | 319 |
| **WP 1A****WP 4C**WP 4AWP 5DWP 7BWP 7C | *Source:* Working Parties 5A, 5B and 5CReply liaison statement to Working Parties 1A and 4C (copy for information to Working Parties 4A, 5D, 7B and 7C) – System parameter tables in Recommendation ITU-R SM.1448 and Appendix 7 (Rev.WRC-15) of the Radio Regulations | [1A/331](http://www.itu.int/md/R15-WP1A-C-0331)[4C/370](http://www.itu.int/md/R15-WP4C-C-0370)[4A/700](http://www.itu.int/md/R15-WP4A-C-0700)[5D/919](http://www.itu.int/md/R15-WP5D-C-0919)[7B/334](http://www.itu.int/md/R15-WP7B-C-0334)[7C/297](http://www.itu.int/md/R15-WP7C-C-0297) | 280R1 |
| **WP 1B**ETSI ERM TG 17 | Liaison statement to Working Party 1B (copy to ETSI ERM TG 17) – Operation of short-range radiocommunication public access system supporting hearing aid systems | [1B/292](http://www.itu.int/md/R15-WP1B-C-0292) | 277R1 |
| **WP 1B** | Reply liaison statement to ITU-R Working Party 1B – Work on WRC-19 agenda item 9.1, issue 9.1.8 | [1B/295](http://www.itu.int/md/R15-WP1B-C-0295) | 289 |
| **ITU-D SG 2**WP 1BWP 4BWP 7B | Reply liaison statement to ITU-D Study Group 2 (copy to ITU-R Working Parties 1B, 4B and 7B) on contribution concerning bird-to-bird packet communication | [1B/296](http://www.itu.int/md/R15-WP1B-C-0296)[4B/130](http://www.itu.int/md/R15-WP4B-C-0130)[7B/336](http://www.itu.int/md/R15-WP7B-C-0336) | 287R1 |
| **WP 4A**WP 5C | Reply liaison statement to ITU-R Working Party 4A (copy for information to Working Party 5C) – Studies relating to the use of the frequency bands 17.7-19.7 GHz (space to Earth) and 27.5-29.5 GHz (Earth-to-space) by earth stations in motion communicating with geostationary space stations in the fixed-satellite service under WRC-19 agenda item 1.5 | [4A/703](http://www.itu.int/md/R15-WP4A-C-0703)[5C/532](http://www.itu.int/md/R15-WP5C-C-0532) | 328R1 |
| **WP 5B** | Reply liaison statement to ITU-R Working Party 5B – AMRDs under WRC-19 agenda item 1.9.1 | [5B/533](http://www.itu.int/md/R15-WP5B-C-0533) | 281R1 |
| **WP 5B**WP 5CWP 7BWP 7C | Liaison statement to Working Party 5B (copy for information to working parties 5C, 7B and 7C) – 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 | [5B/535](http://www.itu.int/md/R15-WP5B-C-0535)[5C/529](http://www.itu.int/md/R15-WP5C-C-0529)[7B/331](http://www.itu.int/md/R15-WP7B-C-0331)[7C/294](http://www.itu.int/md/R15-WP7C-C-0294) | 283R1 |
| **WP 5C** | Reply liaison statement to Working Party 5C – Revision of Recommendation ITU-R F.1105-3, Fixed wireless systems for disaster mitigation and relief operations | [5C/527](http://www.itu.int/md/R15-WP5C-C-0527) | 276 |
| **WP 5C**WP 3MWP 4AWP 4CWP 5BWP 5DWP 7BWP 7CWP 7DTG 5-1 | Reply liaison statement to ITU-R Working Party 5C (copy for information to Working Parties 3M, 4A, 4C, 5B, 5D, 7B, 7C, 7D and Task Group 5/1) – WRC-19 agenda item 1.14 | [5C/530](http://www.itu.int/md/R15-WP5C-C-0530)[3M/285](http://www.itu.int/md/R15-WP3M-C-0285)[4A/697](http://www.itu.int/md/R15-WP4A-C-0697)[4C/368](http://www.itu.int/md/R15-WP4C-C-0368)[5B/536](http://www.itu.int/md/R15-WP5B-C-0536)[5D/916](http://www.itu.int/md/R15-WP5D-C-0916)[7B/332](http://www.itu.int/md/R15-WP7B-C-0332)[7C/295](http://www.itu.int/md/R15-WP7C-C-0295)[7D/166](http://www.itu.int/md/R15-WP7D-C-0166)[5-1/408](https://www.itu.int/md/R15-TG5.1-C-0408/en) | 285R1 |
| **WP 5D**WP 1B | Reply liaison statement to Working Party 5D (copy for information to Working Party 1B) – Work on WRC-19 agenda item 9.1, issue 9.1.8 | [5D/920](http://www.itu.int/md/R15-WP5D-C-0920)[1B/297](http://www.itu.int/md/R15-WP1B-C-0297) | 290 |
| **WP 6A**WP 3KWP 3MWP 5BWP 5C | Liaison statement to Working Party 6A (copied for information to Working Parties 3K, 3M, 5B AND 5C) – Update on work towards WRC-19 agenda item 1.1 | [6A/401](http://www.itu.int/md/R15-WP6A-C-0401)[3K/217](http://www.itu.int/md/R15-WP3K-C-0217)[3M/303](http://www.itu.int/md/R15-WP3M-C-0303)[5B/543](http://www.itu.int/md/R15-WP5B-C-0543)[5C/534](http://www.itu.int/md/R15-WP5C-C-0534) | 322 |
| **WP 6A** | Reply liaison statement to Working Party 6A – WRC-19 agenda item 1.11 | [6A/400](http://www.itu.int/md/R15-WP6A-C-0400) | 302R1 |
| **WP 7B** | Reply liaison statement to Working Party 7B – Technical and operational characteristics of mobile service systems relevant to the work under WRC-19 agenda item 1.7 | [7B/337](http://www.itu.int/md/R15-WP7B-C-0337) | 282R1 |
| **WP 7C** | Reply liaison statement to Working Party 7C – Working document towards a preliminary draft new Report ITU-R M.[100-GHZ.RSTT.COEXIST] | [7C/301](http://www.itu.int/md/R15-WP7C-C-0301) | 291R1 |
| **WP 7C** | Reply liaison statement to Working Party 7C – Technical and operational characteristics for the 40-50 MHz frequency range – WRC-23 preliminary agenda item 2.2 | [7C/300](http://www.itu.int/md/R15-WP7C-C-0300) | 320R1 |
| **WP 7D** | Liaison statement to Working Party 7D – 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 | [7D/168](http://www.itu.int/md/R15-WP7D-C-0168) | 292R1 |
| **TSAG, ITU-T SGs 2, 5, 9, 12, 13, 15, 16, 17, and 20; RAG, and ITU-R SG5** | *Source:* Working Parties 5A, 5B and 5CLiaison statement to TSAG, ITU-T SGs 2, 5, 9, 12, 13, 15, 16, 17, 20; RAG, and ITU-R SG 5 – ITU inter-Sector coordination: WPs 5A, 5B and 5C versus ITU-T Questions | [5/95](https://www.itu.int/md/R15-SG05-C-0095/en) | 279R1 |

# 4 Liaison statements from Working Party 5A to external organizations[[3]](#footnote-3)

| Liaison to | Title/Subject | References | Source:5A/TEMP/ |
| --- | --- | --- | --- |
| **ETSI TC ERM** | Reply liaison statement to ETSI TC ERM regarding technical and operational characteristics of digital land mobile related to digital private mobile radio | *See* [*section 4.1*](#s61) | 309R1 |
| **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 4.2*](#s62) | 304 |
| **WP 1B**ETSI ERM TG 17 | Liaison statement to Working Party 1B (copy to ETSI ERM TG 17) – Operation of short-range radiocommunication public access system supporting hearing aid systems | [1B/292](http://www.itu.int/md/R15-WP1B-C-0292) | 277R1 |

## 4.1 Reply liaison statement to ETSI TC ERM regarding technical and operational characteristics of digital land mobile related to digital private mobile radio

Working Party (WP) 5A thanks ETSI for the liaison statement contained in the Document [5A/304](http://www.itu.int/md/R15-WP5A-C-0304); WP 5A is not currently revising Report [ITU-R M.2014](https://www.itu.int/pub/R-REP-M.2014). ITU-R approved the revision of Report ITU-R M. 2014 in November 2016.

During its May 2018 meeting, WP 5A has progressed on the development of a new Report under Question [ITU R 37-6/5](http://www.itu.int/pub/R-QUE-SG05.37) to deal with the technical and operational characteristics of conventional digital land mobile radio (CDLMR) systems that provide capabilities required for specific user groups/applications, such as governmental, mining, health, hospitality, transportations, disaster relief, industrial, manufacturing, construction, etc.

Related to the ETSI liaison statement, WP 5A has developed a section in the working document towards a preliminary draft new Report ITU-R M.[CDLMR] on ETSI digital Private Mobile Radio (dPMR) technical specification providing technical characteristics and operational features and standards for dPMR systems.

WP 5A invites ETSI to review section 5.2.4 of ITU-R M.[CDLMR] and provides further comments if any.

The next meeting of ITU-R WP 5A is scheduled for 5-15 November 2018 and the deadline for submission of contributions for that meetings is 16:00 hours UTC, 29 October 2018.

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| --- |
| **Status:** For information and action, if any. |
| **Contact:** Sergio BUONOMO | **E-mail:** sergio.buonomo@itu.int  |

**Attachment:** Working document towards a preliminary draft new Report ITU-R M.[CDLMR] ([Annex 16](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0844%21N16%21MSW-E.docx) to Document [5A/844](http://www.itu.int/md/R15-WP5A-C-0844))

## 4.2 Liaison statement to External Organizations[[4]](#footnote-4) 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”

In the November 2017 liaison statement, Working Party (WP) 5A had informed that it is working on 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”. In its May 2018 meeting, WP 5A agreed to allow a final extension, until its November 2018 meeting, for the finalization of this revision to allow some members to submit their standards and technical specifications. The current draft revision is attached for reference. Even though the work will continue, the document is considered stable as a preliminary draft revision of Recommendation ITU-R M.2084 and WP 5A plans to submit the final draft to ITU-R Study Group 5 for consideration for adoption.

WP 5A invites external organizations to submit updated information, if any, on technical standards, and will consider the input contributions at its next meeting in November 2018. The deadline for submission of contributions is prior to 16:00 (UTC) on 29 October 2018.

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| --- | --- |
| **Status:** For action |  |
| **Contact:** Sergio Buonomo Counsellor ITU-R SG 5 | **E-mail:** sergio.buonomo@itu.int |

**Attachment:** [Annex 28](https://www.itu.int/dms_ties/itu-r/md/15/wp5a/c/R15-WP5A-C-0844%21N28%21MSW-E.docx) to Document [5A/844](https://www.itu.int/md/R15-WP5A-C-0844/en) “Preliminary draft 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*”

1. The draft CPM text was transmitted to the respective Chapter Rapporteurs on 10 June 2018. [↑](#footnote-ref-1)
2. Bold font indicates the primary recipients; “copy to” the others. [↑](#footnote-ref-2)
3. See section 4 in [Annex 1](http://www.itu.int/md/dologin_md.asp?lang=en&id=R15-WP5A-C-0844N01!MSW-E) to Doc. [5A/844](http://www.itu.int/md/R15-WP5A-C-0844/en). [↑](#footnote-ref-3)
4. ITS external organizations: 3GPP, 5G Automotive Association, 79 GHz Project, ARIB, ATIS, AWG, C2C-CC, CCSA, CEPT ECC CPG, CEPT ECC WG FM, C-Roads, ETSI ERM-TG37, ETSI ERM-TGSRR, ETSI ISG MEC, ETSI TC ERM, ETSI TC ITS, ETSI TC MSG, GSA, IEEE, IETF ITS, ISO TC 204, SAE C-V2X TC, TIA, TTA, Wi-Fi Alliance. [↑](#footnote-ref-4)