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| **Radiocommunication Study Groups** |  |
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| Source: Document 5A/TEMP/325  Subject: WRC-19 agenda item 1.12 Resolution **237 (WRC-15)** | **Annex 9 to Document 5A/844-E** |
| **4 June 2018** |
| **English only** |
| Annex 9 to Working Party 5A Chairman’s Report | |
| Report on activities in support of WRC-19 agenda item 1.12 | |
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| Working Party 5A/Meeting | Work plan |
| --- | --- |
| 16th meeting  May 2016 | WP 5A, based on input contributions, developed and adopted a work plan, including:  – continue developing the PDN Report ITU-R M.[ITS USAGE]  (relevant parts thereof maybe referenced in the CPM Text);  – review of relevant existing ITS Recommendations and Reports (relevant parts thereof maybe referenced in the CPM Text);  – review of relevant existing standards and on-going ITS standardisation activities;  – develop initial draft CPM Text outline;  – liaise as needed with concerned groups requesting further information. |
| 17th meeting  November 2016 | WP 5A, based on input contributions,  – continued developing the PDN Report ITU-R M.[ITS USAGE] (relevant parts thereof maybe referenced in the CPM Text);  – reviewed of relevant existing standards and on-going ITS standardisation activities;  – working on draft CPM Text outline;  – liaise with concerned groups on progress;  – updated work plan. |
| 18th meeting  May 2017 | WP 5A, based on input contributions,  – continued developing the PDN Report ITU-R M.[ITS USAGE] (relevant parts thereof maybe referenced in the CPM Text);  – initiated work on a working document towards preliminary draft new Recommendation on ITU-R M.[ITS\_FRQ];  – reviewed relevant existing standards and on-going ITS standardisation activities;  – continued working on draft CPM Text;  – liaised with concerned groups on progress;  – updated work plan. |
| 19th meeting  November 2017 | WP 5A, based on input contributions,  – continued working on the draft new Report ITU-R M.[ITS USAGE] (relevant parts thereof maybe referenced within CPM Text);  – continued working on draft Recommendation on  ITU-R M.[ITS\_FRQ];  – continuee working on draft CPM Text;  – updated work plan. |
| 20th meeting  May 2018 | WP 5A, based on input contributions,  – continued working on the draft new Report ITU-R M.[ITS USAGE] (relevant parts thereof maybe referenced within CPM Text);  – continued working on draft Recommendation on  ITU-R M.[ITS\_FRQ];  – finalized draft CPM Text and send to CPM management team. |

Remaining actions at future meetings of WP 5A:

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| Nov. 2018 | – finalize work on a draft new Recommendation ITU-R M.[ITS\_FRQ] and submitted it to SG 5 for adoption;  – finalize work on draft new Report ITU-R M.[ITS USAGE] and submit to SG 5 meeting for approval (relevant parts thereof maybe referenced in the CPM Text); |

The list of relevant Recommendations and Reports referred to in the draft CPM text and the list of abbreviations and acronyms used in the draft CPM text for WRC-19 agenda item 1.12 appear in Attachments 1 and 2, respectively.

**Attachments:**

[Attachment 1](#att1): List of relevant Recommendations and Reports for WRC-19 agenda item 1.12

[Attachment 2](#att2): List of abbreviations and acronyms used in the draft CPM text for WRC-19 agenda item 1.12

Attachment 1

List of relevant Recommendations and Reports for WRC-19 agenda item 1.12

ITU-R Recommendations:

| ITU-R Series | Recommendation Number | Latest Publication | Recommendation Title | Agenda item | CPM Chapter |
| --- | --- | --- | --- | --- | --- |
| M. | 1890 | [Annex 31](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0844!N31!MSW-E.docx) to Doc. [5A/844](https://www.itu.int/md/R15-WP5A-C-0844/en) (Draft revision of Rec. ITU-R M.1890-0) | Operational radiocommunication objectives and requirements for advanced intelligent transport systems | 1.12 | 1 |
| M. | 1452 | Rec. [ITU-R M.1452-2](http://www.itu.int/rec/R-REC-M.1452/en) | Millimetre wave vehicular collision avoidance radars and radiocommunication systems for intelligent transport system applications | 1.12 | 1 |
| M. | 1453 | Rec. [ITU-R M.1453-2](http://www.itu.int/rec/R-REC-M.1453/en) | Intelligent Transport Systems – Dedicated Short Range Communications at 5.8 GHz | 1.12 | 1 |
| M. | 2084 | [Annex 28](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0844!N28!MSW-E.docx) to Doc. [5A/844](https://www.itu.int/md/R15-WP5A-C-0844/en) (Draft revision of Rec. [ITU-R M.2084](http://www.itu.int/rec/R-REC-M.2084/en)-0) | Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communications for intelligent transport systems applications | 1.12 | 1 |
| M. | [ITS.FRQ] | [Annex 30](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0844!N30!MSW-E.docx) to Doc. [5A/844](https://www.itu.int/md/R15-WP5A-C-0844/en) (Draft new Rec. ITU-R M.[ITS.FRQ]) | Harmonization of frequency arrangements for Intelligent Transport Systems in the mobile service | 1.12 | 1 |

ITU-R Reports:

| ITU-R Series | Report Number | Latest Publication | Report Title | Agenda item | CPM Chapter |
| --- | --- | --- | --- | --- | --- |
| M. | 2228 | Report [ITU-R M.2228](http://www.itu.int/pub/R-REP-M.2228) | Advanced Intelligent Transport Systems (ITS) radiocommunications | 1.12 | 1 |
| M. | [ITS USAGE] | [Annex 29](https://www.itu.int/dms_pub/itu-r/md/15/wp5a/c/R15-WP5A-C-0844!N29!MSW-E.docx) to Doc. [5A/650](https://www.itu.int/md/R15-WP5A-C-0650/en) (Preliminary draft new Report ITU-R M.[ITS USAGE]) | Intelligent transport systems (ITS) usage in ITU Member States | 1.12 | 1 |

Attachment 2

List of abbreviations and acronyms used in the draft CPM text   
for WRC-19 agenda item 1.12

| Abbreviations | Description (reference to RR) |
| --- | --- |
| ARIB | Association of Radio Industries and Businesses |
| CEN | European Committee for Standardization |
| ETC | Electronic Toll Collection |
| ETSI | European Telecommunications Standards Institute |
| FSS | Fixed Satellite System |
| ISO | International Organization for Standardization |
| ITS | Intelligent Transport Systems |
| LTE | Long Term Evolution |
| SAE | Society of Automotive Engineers |
| V2I | vehicle-to-infrastructure |
| V2N | vehicle-to-network |
| V2P | vehicle-to-pedestrian |
| V2V | vehicle-to-vehicle |
| V2X | Vehicle-to-anything |
| WAVE | Wireless Access in Vehicular Environment |

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