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| **Radiocommunication Study Groups** |  |
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| Source: Document 5A/TEMP/233 | **Annex 5 to Document 5A/543-E** |
| **17 June 2014** |
| **English only** |
| Annex 5 to Working Party 5A Chairman’s Report | |
| report on activities in support of WRC-15 Agenda item 1.4 | |
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| Working Party 5A meetings | Actions Taken |
| --- | --- |
| 1st meeting  22-31 May 2012 | – Begin work on identifying amateur service technical and operational characteristics for systems to be operated in the range 5 250-5 450 kHz.  – Develop a workplan for conducting studies and producing outputs relating to WRC-15 agenda item 1.4.  – Transmit draft of characteristics and workplan to contributing groups.  – Request any needed technical and operational characteristics from contributing groups.  – Request CPM text input for sections 1, 2, and 3 from contributing groups. |
| 2nd meeting  November 2012 | – Complete review of amateur service technical and operational characteristics and develop preliminary draft new Report.  – Finalize workplan.  – Begin sharing studies between proposed amateur service stations and existing service stations.  – Provide any feedback on modelling and characteristics from other groups.  – Develop preliminary draft new Report(s) for sharing studies.  – Transmit preliminary draft new Report on amateur characteristics to contributing groups for final review.  – Transmit preliminary draft new Report(s) on sharing studies to contributing groups as appropriate for review.  – Develop draft CPM text for sections 1, 2, and 3, considering and incorporating from contributing groups.  – Transmit draft CPM text to contributing groups for review. |
| 3rd meeting  Second Quarter 2013 | – Complete amateur service technical and operational characteristics draft new Report and send to Study Group 5.  – Continue sharing studies, taking into account feedback from contributing groups.  – Update preliminary draft new Report(s) for sharing studies as appropriate.  – Develop CPM text for section 4, considering and incorporating from contributing groups.  – Transmit updated preliminary draft new Report(s) on sharing studies to contributing groups as appropriate for review.  – Transmit draft CPM text to contributing groups for review. |
| 4th meeting  Fourth Quarter 2013 | – Continue sharing studies taking into account feedback from contributing groups.  – Prepare draft new Report(s) on sharing studies as appropriate.  – Develop CPM text for sections 5 and 6, considering and incorporating from contributing groups.  – Transmit draft new Report(s) on sharing studies to contributing groups as appropriate for final review.  – Transmit draft CPM text to contributing groups for review |
| 5th meeting  Second Quarter 2014 | – Continue sharing studies taking into account feedback from contributing groups.  – Prepare draft new Report(s) on sharing studies as appropriate.  – Finalize CPM text, considering and incorporating from contributing groups.  – Transmit draft CPM text to Chapter Rapporteur. |

Remaining actions at future meetings of WP 5A:

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| 6th meeting  Fourth Quarter 2014 | – Complete sharing studies taking into account feedback from contributing groups.  – Complete draft new Report(s) on sharing studies and send to Study Group 5. |

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 agenda item 1.4 appear in Attachments 1 and 2, respectively.

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**Attachments:**

Attachment 1: List of relevant Recommendations and Reports for agenda item 1.4

Attachment 2: List of abbreviations and acronyms used in the draft CPM text for agenda item 1.4

Attachment 1

List of relevant Recommendations and Reports for agenda item 1.4

**ITU-R Recommendations:**

| ITU-R Series | Recommendation Number | Latest Publication | Recommendation Title | Agenda Item | CPM Chapter |
| --- | --- | --- | --- | --- | --- |
| F. | 0240 | [Rec. ITU-R F.240-7](http://www.itu.int/rec/R-REC-F.240/en) | Signal-to-interference protection ratios for various classes of emission in the fixed service below about 30 MHz | 1.4 | 1 |
| F. | 0339 | [Rec. ITU-R F.339-8](http://www.itu.int/rec/R-REC-F.339/en) | Bandwidths, signal-to-noise ratios and fading allowances in HF fixed and land mobile radiocommunication systems | 1.4 | 1 |
| F. | 01761 | [Rec. ITU-R F.1761-0](http://www.itu.int/rec/R-REC-F.1761/en) | Characteristics of HF fixed radiocommunication systems | 1.4 | 1 |
| F. | 01762 | [Rec. ITU-R F.1762-0](http://www.itu.int/rec/R-REC-F.1762/en) | Characteristics of enhanced applications for high frequency (HF) radiocommunication systems | 1.4 | 1 |
| F. | 01821 | [Rec. ITU-R F.1821-0](http://www.itu.int/rec/R-REC-F.1821/en) | Characteristics of advanced digital high frequency (HF) radiocommunication systems | 1.4 | 1 |
| M. | 01677 | [Rec. ITU-R M.1677-1](http://www.itu.int/rec/R-REC-M.1677/en) | International Morse code | 1.4 | 1 |
| M. | 11732 | [Rec. ITU-R M.1732-1](http://www.itu.int/rec/R-REC-M.1732/en) | Characteristics of systems operating in the amateur and amateur-satellite services for use in sharing studies | 1.4 | 1 |
| M. | 1874 | [Rec. ITU-R M.1874-1](http://www.itu.int/rec/R-REC-M.1874/en) | Technical and operational characteristics of oceanographic radars operating in sub-bands within the frequency range  3-50 MHz | 1.4 | 1 |
| P. | 368 | [Rec. ITU-R P.368-9](http://www.itu.int/rec/R-REC-P.368/en) | Ground-wave propagation curves for frequencies between 10 kHz and 30 MHz | 1.4 | 1 |
| P. | 372 | [Rec. ITU-R P.372-11](http://www.itu.int/rec/R-REC-P.372/en) | Radio noise | 1.4 | 1 |
| P. | 533 | [Rec. ITU-R P.533-12](http://www.itu.int/rec/R-REC-P.533/en) | Method for the prediction of the performance of HF circuits | 1.4 | 1 |
| SM. | 1541 | [Rec. ITU‑R SM.1541-5](http://www.itu.int/rec/R-REC-SM.1541/en) | Unwanted emissions in the out-of-band domain | 1.4 | 1 |

ITU-R Reports:

| ITU-R Series | Report Number | Latest Publication | Report Title | Agenda Item | CPM Chapter |
| --- | --- | --- | --- | --- | --- |
| M. | 2080 | [Report ITU-R M.2080-0](http://www.itu.int/pub/R-REP-M.2080) | Consideration of sharing conditions and usage in  the 4-10 MHz band | 1.4 | 1 |
| M. | 2234 | [Report ITU-R M.2234-0](http://www.itu.int/pub/R-REP-M.2234) | The feasibility of sharing sub-bands between oceanographic radars operating in the radiolocation service and fixed and mobile services within the frequency band 3-50 MHz | 1.4 | 1 |
| M. | [PPDR] | WDPDN Rep. ITU-R M.[PPDR]  ([Annex 15](https://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N15!MSW-E) to [Doc. 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en)) | Public protection and disaster relief communications | 1.4 | 1 |
| M. | [5 MHz COMPAT] | PDN Rep. ITU-R M.[5 MHz COMPAT]  ([Annex 10](https://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0543!N10!MSW-E) to [Doc. 5A/543](http://www.itu.int/md/R12-WP5A-C-0543/en)) | Compatibility analysis of possible amateur service stations with fixed, land mobile, maritime mobile and radiolocation services in the frequency band 5 250- 5 450 kHz and the aeronautical mobile service in an adjacent band | 1.4 | 1 |

Attachment 2

List of abbreviations and acronyms used in the draft CPM text   
for agenda item 1.4

| Abbreviations | **Description (reference to RR)** |
| --- | --- |
| CCIR | International Radio Consultative Committee |
| COMPAT | Compatibility |
| FS | Fixed Service |
| HF | High Frequency |
| LUF | Lowest Usable Frequency |
| MIFR | Master International Frequency Register |
| MUF | Maximum Usable Frequency |
| PPDR | Public Protection and Disaster Relief |
| RR | Radio Regulations |
| WARC | World Administrative Radio Conference |
| WRC | World Radiocommunication Conference |