|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
| Source: Document 5A/TEMP/217(Rev.1) | **Annex 7 to Document 5A/597-E** |
| **9 June 2022** |
| **English only** |
| Annex 7 to Working Party 5A Chairman’s Report | |
| REPORT Of ACTIVITIES IN SUPPORT OF  WRC-23 AGENDA ITEM 9.1, TOPIC B) | |
|  | |

For work on WRC-23 agenda item 9.1, topic b), the following tables represent the work undertaken and remaining work to be done.

| Meeting | Activity |
| --- | --- |
| **WG Name/WG Chairman** | WG5A-1/ Dale Hughes (AUS) |
| **Anticipated Output Documents** | a) Draft CPM text;  b) Draft new Report ITU-R M.[AMATEUR.CHARACTERISTICS];  c) Liaison statements (as needed). |
| **23rd meeting of WP5A 20-30 July 2020** | – Began work on a detailed review of the different systems and applications used of the current and planned amateur service and amateur-satellite service systems operating in the frequency band 1 240-1 300 MHz in accordance with *resolves to invite ITU-R* 1 of Resolution **774 (WRC‑19)**. This review includes the development of additional technical and operational characteristics of these systems.  – Prepared reply liaison statement to WP4C in response to Document [5A/26](http://www.itu.int/md/R19-WP5A-C-0026/en).  – Invited contributions to the 24th WP5A meeting on amateur service and amateur-satellite service systems and applications, drawing particular attention to the deployment and usage factors specific to this band needed for successful studies.  – Prepared for draft CPM text structure outline in accordance with Annex 6 (Section 2.2) of Circular [CA/251](https://www.itu.int/md/R00-CA-CIR-0251/en). |
| **24th meeting of WP5A 9-20 November 2020** | – Continued to progress the review and compilation of the current and planned amateur service and amateur-satellite service systems and applications operating in the frequency band 1 240‑1 300 MHz based on input contributions as part of development of a working document toward a preliminary draft new Report ITU-R M.[AMATEUR.CHARACTERISTICS] based on input contributions.  – Liaised progress on work with contributing groups.  – Updated the work plan. |
| **25th meeting of WP5A 28 April – 11 May 2021** | – Continued work on WDPDN Report with information responsive to *resolves to invite ITU-R* 1 from Resolution **774 (WRC-19)**, based on input contributions. Elevated from working document to PDN Report ITU-R M.[AMATEUR.CHARACTERISTICS] at this meeting.  – Continued development of draft CPM text, based on input contributions (N.B. None received this session).  – Liaised with contributing groups, as appropriate.  – Updated the work plan. |
| **26th Meeting of  WP5A meeting 15-26 November 2021** | – Continued development of the working document toward PDN Report ITU-R M.[AMATEUR.CHARACTERISTICS] based on input contributions.  – Further developed CPM text, based on input contributions.  – Started work on WDPDN Recommendation ITU-R M.[AS GUIDANCE], based on input contributions.  – Informed contributing groups of progress on work on agenda item 9.1, topic b), as appropriate.  – Updated the work plan. |
| **27th meeting of WP5A**  **23 May – 3 June 2022** | – Finalize draft CPM report on agenda item 9.1, topic b), based on input contributions and send to Chapter Rapporteur.  – Continue work on PDN Report ITU-R M.[AMATEUR.CHARACTERISTICS], based on input contributions.  – Continued work on WDPDN Recommendation ITU-R M.[AS GUIDANCE], based on input contributions.  – Updated the work plan & liaise progress to other contributing groups. |

Remaining actions at future meetings of WP 5A:

|  |  |
| --- | --- |
| **6th meeting of the study cycle**  **(28th meeting of WP5A)**  **November 2022** | – If possible, complete work on PDN Report ITU-R M.[AMATEUR.CHARACTERISTICS], based on input contributions.  – Continue work on WDPDN Recommendation ITU-R M.[AS GUIDANCE], based on input contributions. Consider elevation to PDNR at this meeting.  – Completed and approved Reports and Recommendations (if any) to be sent to SG5 following approval by WP5A.  – Updated the work plan & liaise progress to other contributing groups.  – If time permits commence updates to the Amateur Service Handbook. |

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-23 agenda item 9.1, topic b), appear in Attachments 1 and 2, respectively.

**Attachments:**

[Attachment 1](#att1): List of relevant Recommendations and Reports for WRC-23 agenda item 9.1, topic b)

[Attachment 2](#att2): List of abbreviations and acronyms used in the draft CPM text for WRC-23 agenda item 9.1, topic b)

Attachment 1

List of relevant Recommendations and Reports   
for WRC-23 agenda item 9.1, topic b)

ITU-R Recommendations:

| **ITU-R Series** | **Recommendation number** | **Latest publication** | **Recommendation title** | **Agenda item** | **CPM Chapter** |
| --- | --- | --- | --- | --- | --- |
| P | 1546-6 | 08/2019 | Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3 000 MHz | 9.1b | 5 |
| M | AS.GUIDANCE |  | Guidance on technical and operational measures for the use of the frequency band 1 240-1 300 MHz by the amateur and amateur-satellite service in order to protect the RNSS (space-to-Earth) | 9.1b | 5 |
|  |  |  |  |  |  |

ITU-R Reports:

| **ITU-R Series** | **Report number** | **Latest publication** | **Report title** | **Agenda item** | **CPM Chapter** |
| --- | --- | --- | --- | --- | --- |
| M | AMATEUR.CHARACTERISTICS |  | Amateur and amateur-satellite services characteristics and usage in the 1 240-1 300 MHz frequency band | 9.1b | 5 |
| M | AMATEUR-RNSS |  | Studies [and guidelines] regarding the protection of the primary radionavigation-satellite service (space to-Earth) by the secondary amateur and amateur-satellite services in the frequency band 1 240-1 300 MHz | 9.1b | 5 |
|  |  |  |  |  |  |

Attachment 2

List of abbreviations and acronyms used in the draft CPM text   
for WRC-23 agenda item 9.1, topic b)

| Abbreviations | Description (reference to RR) |
| --- | --- |
| RNSS | Radionavigation satellite service |
| GPS | The Global Positioning System, (originally Navstar GPS) |
| QZSS | Quasi-Zenith Satellite System (QZSS is a Japanese satellite positioning system composed mainly of satellites in quasi-zenith orbits) |
| ATV | Amateur Television |
| ISU | Interference Suppression Unit fitted to certain RNSS receivers |
|  |  |
|  |  |
|  |  |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_