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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/491 | **Revision 1 to Document IMT-ADV/32-E** |
| **9 November 2021** |
| **English only** |
| Working Party 5D | |
| Schedule for Revision 6 of Recommendation ITU-R M.2012 | |
| Schedule for Revision 6 of Recommendation ITU‑R M.2012 (“Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT‑Advanced”) | |

[EDITOR’S NOTE: Administratively, certain WP 5D meeting dates in this document have been revised to align with the new planned WP 5D future meeting schedule. These changes are highlighted for editorial convenience in this colour. Currently these changes are related to Mtg #40 in February 2022.]

Scope

This document provides information on the detailed schedule and associated dates for the Revision 6 of Recommendation ITU-R M.2012 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT‑Advanced)”.

References

– Recommendation[ITU-R M.2012](http://www.itu.int/rec/R-REC-M.2012/en) “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced”)

– Document [IMT-ADV/2(Rev.1)](https://www.itu.int/md/R07-IMT.ADV-C-0002/en)“Submission and evaluation process and consensus building”.

– Document [IMT-ADV/24(Rev.3)](https://www.itu.int/md/R07-IMT.ADV-C-0024/en) “Process and the use of Global Core Specification (GCS), references and related certifications in conjunction with Recommendation ITU-R M.2012”.

– Document [IMT-ADV/25(Rev.2)](https://www.itu.int/md/R07-IMT.ADV-C-0025/en)“Procedure for the development of draft revisions of Recommendation ITU-R M.2012”.

– [Circular Letter 5/LCCE/93](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R00-SG05-CIR-0093): Announcement of the invitation and detailed schedule for development of the draft revision 6 update to Recommendation ITU R M.2012.

**I) Procedure to be utilized in the development of the Revision**

The procedure outlined in Document [IMT-ADV/25(Rev.2](https://www.itu.int/md/R07-IMT.ADV-C-0025/en)) “*Procedure for the development of draft Revisions**of Recommendation ITU-R M.2012”* applies to the development of this Revision 6.

In conjunction with that generic procedure, it is necessary, for each specific Revision to assign a specific schedule and dates to the timelines and actions/activities presented in the Document IMT‑ADV/25(Rev.2), which is accomplished by this Document IMT-ADV/32.

**II) Baseline document to be used for the Revision 6**

The baseline document to be used for the Revision 6 is the published version of Recommendation ITU-R M.2012-5 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)”[[1]](#footnote-1).

**III) General schedule aspects for the Revision 6 of Recommendation ITU-R M.2012**

For the Revision 6 of RecommendationITU-R M.2012 a completion date of the Working Party (WP) 5D meeting #44, currently planned for June 2023, has been chosen.

The initial announcement of the Revision 6 is indicated in a liaison to the relevant External Organizations dispatched from the 7-18 June 2021 meeting #38 of WP 5D.

The detailed timeline for the Revision 6 Recommendation ITU-R M.2012 was developed based the currently planned/anticipated schedule of meetings for WP 5D and Study Group 5 through the 2023 time frame and considering the current view of two meetings for WP 5D planned in 2023 which is the usual meeting cycle in a WRC year. Confirmed meeting dates of WP 5D through 2023 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>). Due consideration was given towards coordinating with the understood planned dates of the relevant External Organizations to the extent they were known.

WP 5D announces that the first formal meeting in the meeting cycle (*“Meeting Y”*) of the update for Revision 6 of Recommendation ITU-R M.2012 will be WP 5D meeting #40, which is scheduled for 7-23 February 2022. This establishes the first action point for the relevant External Organizations to interface with WP 5D on the Revision 6.

**IV) From Revision 6 onwards New Technology Proposals for Recommendation ITU-R M.2012 will not be considered**

With the advance of technology since the initiation of the first release of IMT-Advanced under Document IMT-ADV/2 (first published in 2008), and now with the availability of IMT-2020, and recognizing that no new technology proposals for the prior revisions of Recommendation ITU-R M.2012 have been received, it should be noted that new technology proposals for IMT-Advanced will not be accepted in the updating of Rec. ITU-R M.2012, applicable on a going forward basis beginning with this revision 6.

**V) Detailed schedule for the Revision 6 update for Existing Technologies in Recommendation ITU-R M.2012**

**Table 1** below, extracted from Document IMT-ADV/25(Rev.2) and amended with specific dates, provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2012-5 as indicated in Section 3 of Document IMT-ADV/25(Rev.2) in the case when a GCS is utilized - which is the current situation for all existing technologies in the current in-force version of Recommendation ITU‑R M.2012.

**Calendar 1** provides a summary of actions defined in Table 1 for Revision 6 in a calendar view.

It should be noted that since Table 2 in Document IMT-ADV/25(Rev.2) which provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2012-5 (applicable to the case where a GCS is not utilized) does not apply for the Revision 6 therefore no detailed timeline information is provided for Table 2.

TABLE 1[[2]](#footnote-2)

**Framework of a Revision Cycle for updates of existing technologies in Recommendation ITU-R M.2012 applicable to Section 3 of IMT-ADV/25 (Rev.2) in the case when a GCS is utilized.**

| **Item** | **Entity** | **Meeting designation & timeframe** | **Action/Deliverable/Milestone** | **Specific Dates** |
| --- | --- | --- | --- | --- |
| ***1*** | **WP 5D** | Meeting “Y-1” or earlier | Communiqué to ***GCS Proponent****,* ***Transposing Organizations****, and relevant External Organizations* announcing the next revision of Rec. ITU‑R M.2012 and providing the detailed timelines for the revision. | WP 5D Meeting #38  7-18 June 2021 |
| ***2*** | ***Existing GCS Proponent*** | Meeting “Y” | Delivery to ITU-R by existing ***GCS Proponent*** of the initial announcement that a revision to a particular RIT or SRIT will be proposed.[[3]](#footnote-3)\*  Delivery to ITU-R by existing ***GCS Proponent*** of an updated Form A in the case of an addition or removal of a ***GCS Proponent*** entity. | **Contribution Deadline 31 January 2022**  WP 5D Meeting # 40  7-23 February 2022 |
| ***3*** | **WP 5D** | Meeting “Y” | WP 5D review of submitted materials and opportunity for responding to ***GCS Proponents***. | WP 5D Meeting # 40  7-23 February 2022 |
| ***4*** | ***Existing GCS Proponent*** | Meeting “Y+1” | Delivery to ITU-R by the ***GCS Proponent*** of further information, including a summary of the proposed update.\* | **Contribution Deadline**  **6 June 2022**  WP 5D Meeting # 41  13-24 June 2022 |
| ***5*** | **WP 5D** | Meeting “Y+1” | WP 5D review of submitted materials and opportunity for responding to ***GCS Proponents***. | WP 5D Meeting # 41  13-24 June 2022 |
| ***6*** | ***Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)*** | Meeting “Y+2A”  **Alternative 1** | *Case requiring a modification of the GCS*  Delivery to ITU-R by the ***GCS Proponent*** of the detailed update, including the compliance templates 4.2.4 from Report ITU-R M.2133 (2008) and any related supporting material for the proposed update to Rec. ITU‑R M.2012-5, given that the full context of the total terrestrial radio interface is considered to be the original submission and any previously approved updates as well as this proposed update.  Delivery to ITU-R by the ***GCS Proponent*** of the revised/updated GCS.  Delivery to ITU-R of Certification B (section 1, section 2, and section 3, as appropriate) by ***GCS Proponents***.  *Cases not requiring a modification of the GCS*  *Scenario 1 - Case of a revised Overview, synopsis, or other material in* Rec. ITU‑R M.2012-5*:*  Delivery to ITU-R by the ***GCS Proponent*** of the update of the associated material and a self-declaration indicating that those changes are consistent with existing GCS.  *Scenario 2 - Case of a new* ***Transposing Organization(s)*** *or removal of a* ***Transposing Organization(s)***  Delivery to ITU-R of Certification B, section 2, and/or section 3, by ***GCS Proponents***.  *Scenario 3 – Case of update of only a particular set or sets of the transposition references*  Delivery to ITU-R by the ***Transposing Organization*** of the complete update information, including a summary and rationale of the proposed update, the updated specific set or sets of the transposition references, and Certification C. At the same meeting as the announcement by the ***Transposing Organization (s)***, the ***GCS Proponent*** must inform WP 5D of their agreement with the proposed update. | **Contribution Deadline**  **3 October 2022**  WP 5D Meeting # 42  10-21 October 2022 |
| ***7*** | ***Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)*** | Meeting “Y+2B” **Alternative 2** | *Case requiring a modification of the GCS*  Delivery to ITU-R by the ***GCS Proponent*** of the detailed update, including the compliance templates 4.2.4 from Report ITU-R M.2133 (2008) and any related supporting material for the proposed update to Rec. ITU‑R M.2012-5, given that the full context of the total terrestrial radio interface is considered to be the original submission and any previously approved updates as well as this proposed update.  Delivery to ITU-R by the ***GCS Proponent*** of the revised/updated GCS.  Delivery to ITU-R of Certification B (section 1, section 2, and section 3, as appropriate) by ***GCS Proponents***.  *Cases not requiring a modification of the GCS*  *Scenario 1 - Case of a revised Overview, synopsis, or other material in* Rec. ITU‑R  M.2012-5*:*  Delivery to ITU-R by the ***GCS Proponent*** of the update of the associated material and a self-declaration indicating that those changes are consistent with existing GCS.  *Scenario 2 - Case of a new* ***Transposing Organization(s)*** *or removal of a* ***Transposing Organization(s)***  Delivery to ITU-R of Certification B, section 2, and/or section 3, by ***GCS Proponents***.  *Scenario 3 – Case of update of only a particular set or sets of the transposition references*  Delivery to ITU-R by the ***Transposing Organization*** of the complete update information, including a summary and rationale of the proposed update, the updated specific set or sets of the transposition references, and Certification C. At the same meeting as the announcement by the ***Transposing Organization (s)***, the ***GCS Proponent*** must inform WP 5D of their agreement with the proposed update. | **Contribution Deadline**  **24 January 2023**  WP 5D Meeting # 43  31 January –  9 February 2023 |
| ***8*** | **WP 5D** | Meeting “Y+2A” or “Y+2B” | WP 5D performs a review of the submitted material and reaches its conclusion on the acceptability of the proposed update for inclusion in the draft Revision 6 of Rec. ITU-R M.2012.  WP 5D finalizes and agrees the specific technology update in the draft Revision 6 of Rec. ITU‑R M.2012 (not necessarily including the detailed transposition references).  WP 5D liaison of the WP 5D agreed draft Revision 6 of Rec. ITU-R M.2012 to the relevant ***GCS Proponents*** and ***Transposing Organizations*** for their use in developing their inputs of the detailed references.  Note: In any event, the WP 5D meeting (“Y+2B”) will finalize the entirety of the preliminary WP 5D agreed draft Revision 6 of Rec. ITU-R M.2012 for all updated technologies (not necessarily including the detailed transposition references). | **Y+2A:**  WP 5D Meeting # 42  10-21 October 2022    **or**  **Y+2B:**  WP 5D Meeting # 43  31 January –  9 February 2023 |
| ***9*** | ***Transposing Organizations*** | Due to ITU-R approximately one month prior to the subsequent meeting | Delivery to ITU-R of transposition references by each ***Transposing Organization*** for incorporation into the WP 5D preliminary agreed draft Revision 6 of Rec. ITU-R M.2012.  Delivery to ITU-R of Certification C by each ***Transposing Organization****.* Completion of relevant business matters and indication of compliance with ITU policy on IPR, as appropriate  *This Item 9 does not apply to case of a Scenario 1 update.  In case of Scenario 3, Item 9 does not apply because the* ***Transposing Organization*** *would have already provided the complete information by meeting “Y+2A” or “Y+2B”* | **9 May 2023** |
| ***10*** | **Radiocommunication Bureau** | Prior to the subsequent meeting | The Radiocommunication Bureau is requested to provide to WP 5D a document that incorporates the transposition references | Anticipated to be before 6 June 2023 |
| ***11*** | **WP 5D** | Subsequent Meeting | WP 5D performs a final quality and completeness check of the draft Revision 6 of Rec. ITU-R M.2012.  WP 5D forwards to Study Group 5 the Revision 6 of Rec. ITU-R M.2012. | WP 5D Mtg #44 13-22 June 2023 |
| ***12*** | **Radiocommunication Bureau** | (Approximately July/August of 2023 based on 2023 as WRC year) | Submission by Counsellor for SG 5 of completed draft Revision 6 of Rec. ITU‑R M.2012 (with all transposition references) to SG 5, based on currently anticipated SG 5 meeting schedule. | Date to be determined depending on actual SG 5 meeting schedule  [July/August 2023] |
| ***13*** | **Study Group 5** |  | Study Group 5 considers adoption of the Revision 6 of Rec. ITU-R M.2012 for forwarding to Member States for approval. | Date to be determined depending on actual SG 5 meeting schedule  [July/August 2023] |

CALENDAR 1

**Summary of Actions for Revision 6 of Existing Technologies Organized in a Calendar View**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Part 1: Milestone Summary for *ITU-R WP 5D and Radiocommunication Bureau (BR)* for Revision of Existing Technologies** | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
|  | ***WP 5D #38*** | |  | | ***WP 5D #40*** | |  | ***WP 5D #41*** | |  | ***WP 5D #42*** | | |  | | ***WP 5D #43*** | |  |  | | ***WP 5D #44*** | |
|  |  | |  | |  | |  |  | |  |  | | |  | |  | |  |  | |  | |
| DATE | 7-18  June  2021 | |  | | 7-23 February 2022 | |  | 13-24  June  2022 | |  | 10-21 October 2022 | | |  | | 31 Jan – 9 Feb 2023 | |  | Before 6  June  2023 | | 13-22  June  2023 | |
| Meeting Designator | ‘Y-1’ | |  | | ‘Y’ | |  | ‘Y+1’ | |  | ‘Y+2A’ | | |  | | ‘Y+2B’ | |  | - | | - | |
| Table 1 Item # | 1 | |  | | 3 | |  | 5 | |  | 8 | | |  | | 8 | |  | 10 | | 11 | |
| Action by Entity | WP 5D | |  | | WP 5D | |  | WP 5D | |  | WP 5D | | |  | | WP 5D | |  | BR | | WP 5D | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| **Part 2: Milestone Summary for GCS Proponents and Transposing Organizations for Revision of Existing Technologies** | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
|  | ***WP 5D #38*** |  | | ***WP 5D #40*** | |  | | ***WP 5D #41*** |  | | | ***WP 5D #42*** |  | | ***WP 5D #43*** | |  | | |  | | ***WP 5D #44*** | |
| Action Deadline |  | 31 January 2022 | |  | | 6 June 2022 | |  | 3 October 2022 | | |  | 24 January 2023 | |  | | 9 May  2023 | | |  | |  | |
| Meeting Designator |  | 7 days before  ‘Y’ | |  | | 7 days before ‘Y+1’ | |  | 7 days before Y+2A | | |  | 7 days before Y+2B | |  | | - | | |  | | - | |
| Table 1 Item # |  | 2 | |  | | 4 | |  | 6 | | |  | 7 | |  | | 9 | | |  | |  | |
| Action by Entity |  | Existing GCS Proponent | |  | | Existing GCS Proponent | |  | Existing GCS Proponent  or  Existing Transposing Organization (Scenario 3) | | |  | Existing GCS Proponent or  Existing Transposing Organization (Scenario 3) | |  | | Transposing Organization (except for Scenario 3) | | |  | |  | |

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1. Anticipated after approval under Resolution ITU-R 1-8 to be published in late January 2022. [↑](#footnote-ref-1)
2. Based on planned meeting dates. Confirmed meeting dates of WP 5D through year 2023 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>). [↑](#footnote-ref-2)
3. \* Required in case of an update of the GCS or in the case of a revised Overview, revised synopsis, or other material in Recommendation ITU-R M.2012 under the purview of the ***GCS Proponent***. [↑](#footnote-ref-3)