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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/490 | **Revision 1 to**  **Document IMT-2020/58-E** |
| **9 November 2021** |
| **English only** |
| Working Party 5D | |
| Schedule for ‘Revision after year 2021’ of  Recommendation ITU-R M.2150 | |
| Schedule for Revision ‘After Year 2021’ of Recommendation ITU‑R M.2150 (“Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT‑2020”) | |

**[**EDITOR’S NOTE: Administratively, certain WP 5D meeting dates in this document have be**en** revised to align with the **new** planned WP 5D future meeting schedule, These changes are highlighted for editorial convenience in this color**. 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 ‘after year 2021’**[[1]](#footnote-1)** of Recommendation ITU-R M.2150 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT‑2020)”.

References

[Recommendation ITU-R M.2150](https://www.itu.int/rec/R-REC-M.2150/en) - “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)”

Document [IMT-2020/57](https://www.itu.int/md/R15-IMT.2020-C-0057/en) -“Procedure for the development of draft revisions of Recommendation ITU-R M.2150”.

Document [IMT-2020/20](https://www.itu.int/md/R15-IMT.2020-C-0020/en) - “Process and the use of Global Core Specification (GCS), references and related certifications in conjunction with Recommendation ITU-R M.2150”.

Document [IMT-2020/2(Rev.2)](https://www.itu.int/md/R15-IMT.2020-C-0002/en) -“Submission, evaluation process and consensus building for IMT‑2020”.

Document [IMT-2020/1](https://www.itu.int/md/R15-IMT.2020-C-0001/en) - “IMT-2020 background”.

Report [ITU-R M.2410-0](https://www.itu.int/pub/R-REP-M.2410) (2017) **-** “Minimum requirements related to technical performance for IMT‑2020 radio interface(s)”.

Report [ITU-R M.2411-0](https://www.itu.int/pub/R-REP-M.2411) (2017) **-** “Requirements, evaluation criteria and submission templates for the development of IMT-2020”.

Report [ITU-R M.2412-0](https://www.itu.int/pub/R-REP-M.2412) (2017) **-** “Guidelines for evaluation of radio interface technologies for IMT‑2020”.

[Circular Letter 5/LCCE/94](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R00-SG05-CIR-0094): Announcement of the revision ‘after year 2021’ of Recommendation ITU-R M.2150 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)”

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

The procedure outlined in Document [IMT-2020/57](https://www.itu.int/md/R15-IMT.2020-C-0057/en) “Procedure for the development of draft Revisionsof Recommendation ITU-R M.2150” applies to the development of revisions of Recommendation ITU‑R M.2150 ‘after year 2021’.

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‑2020/57](https://www.itu.int/md/R15-IMT.2020-C-0057/en) which is accomplished by this Document [IMT-2020/58](https://www.itu.int/md/R15-IMT.2020-C-0058/en).

# II) Baseline document to be used for the Revision ‘after year 2021’

The baseline document to be used for the revision ‘after year 2021’ is the published version of Recommendation [ITU-R M.2150](https://www.itu.int/rec/R-REC-M.2150/en) “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)” that would currently have the status of “in force” as anticipated for WP 5D meeting #40 (February 2022) **[[2]](#footnote-2)**.

# III) General schedule aspects for the revision ‘after year 2021’ of Recommendation ITU R M.2150

For the revision ‘after year 2021’ of RecommendationITU-R M.2150 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 ‘after year 2021’ is indicated by liaison to the relevant External Organizations dispatched from the 7 – 18 June 2021 meeting #38 of WP 5D.

The detailed timeline for this specific revision of Recommendation ITU-R M.2150 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 relevant External Organizations and their understood planned dates and deliverables to the extent they were known.

WP 5D announces that the first formal meeting in the meeting cycle (*“Meeting Z”*) of the update for the revision ‘after year 2021’ of Recommendation ITU-R M.2150 will be WP 5D meeting #40, which is currently scheduled for 7-23 February 2022. This establishes the first action point for the relevant External Organizations to interface with WP 5D on this particular revision.

# IV) High level schedule for the revision ‘after year 2021’ for New Technology Proposals for Recommendation ITU-R M.2150

Document [IMT‑2020/57](https://www.itu.int/md/R15-IMT.2020-C-0057/en) Section 2 outlines the specific process and associated timeline for new technology proposals for RecommendationITU-R M.2150. When a new RIT or SRIT is proposed by an ***RIT/SRIT Proponent***, the proposal will follow the process for IMT-2020 as defined in Document IMT-2020/57 specifically:

The process will begin at Step 3 (“Submission/reception of the RIT and SRIT proposals and acknowledgement of receipt”). Documents [IMT-2020/2(Rev.2)](https://www.itu.int/md/R15-IMT.2020-C-0002/en), and Reports ITU-R [M.2410-0](https://www.itu.int/pub/R-REP-M.2410) (2017), ITU-R [M.2411-0](https://www.itu.int/pub/R-REP-M.2411) (2017), ITU-R [M.2412-0](https://www.itu.int/pub/R-REP-M.2412) (2017), will apply. For timing purposes**[[3]](#footnote-3)**, the meeting at which the new proposal is submitted will be considered “Critical Milestone (1)”, the proposal deadline meeting, as defined in the Schedule of Document [IMT-2020/2(Rev.2)](https://www.itu.int/md/R15-IMT.2020-C-0002) in Figure 1. Within the process as outlined in Figure 1, the specific dates of the schedule will be appropriately decided respecting the steps of the process (approximately four meetings from “Critical Milestone (1)” to the finalization of Step 7 of the process in Document [IMT‑2020/2(Rev.2)](https://www.itu.int/md/R15-IMT.2020-C-0002).

In Step 8, Document [IMT-2020/20](https://www.itu.int/md/R15-IMT.2020-C-0020/en) (“Process and the use of Global Core Specification (GCS), references and related certifications in conjunction with Recommendation ITU-R M.2150”) will apply. The completion of Step 8 will be synchronized with the recurring update of Recommendation ITU-R M.2150. *Consequently, after successful completion of Step 7, the new technology can enter the revision cycle for Recommendation ITU-R M.2150 at Z+2A or as late as Z+2B as outlined in Table 1 or 2 for inclusion in the current planned Revision.*

While new technology proposals can be submitted to WP 5D at any time, however, for the revision ‘after year 2021’ to be able to consider new technology proposals for inclusion into the year 2023 release, WP 5D has established a high level schedule for the major aspects of a new technology submission and its consideration by WP 5D under the process indicated in Document IMT-2020/57.

This high level schedule for new technology proposals is provided immediately below:

High level schedule for New Technology Proposals for the Revision ‘after year 2021’[[4]](#footnote-4)

|  |  |  |
| --- | --- | --- |
| Revision process step based on IMT-2020/57 & IMT-2020/2(Rev.2) | Date | Action based on  IMT-2020/57 &  IMT-2020/2(Rev.2) |
| **Critical Milestone (0):** | WP 5D Meeting # 38  7-18 June 2021 | **Step 1**  Invitation to Propose RITs |
|  | **Contribution Deadline 27 September 2021**  WP 5D Meeting # 39  4-15 October 2021 | Potential new RIT/SRIT proponents are strongly encouraged provide WP 5D *with indication of their intention* to submit a new candidate technology proposal to meeting #40. |
|  | **October 2021 to September 2022** | Opportunity for registration of Evaluation Groups  (necessary if a new candidate technology submission is received) |
| **Critical Milestone (1):** | **Contribution Deadline 31 January 2022**    WP 5D Meeting #40  7-23 February 2022 | **Step 3**  Cut-off date for ‘complete’ submission of candidate RIT and SRIT proposal |
|  | WP 5D Meeting # 40  7-23 February 2022 | Circular Letter announcing receipt by WP 5D of a complete candidate technology submission and an invitation for the formation of Independent Evaluation Groups and subsequent submission of Evaluation Reports. |
|  | **February 2022 to October 2022** | On-Going **Step 4** evaluation activities of new candidate technology submission |
| **Critical Milestone (2):** | **Contribution Deadline**  **3 October 2022**  WP 5D Meeting # 42  10-21 October 2022 | **Completion of Step 4**  Evaluation of candidate RITs or SRITs by Independent Evaluation Groups  Cut-off date for IEGs evaluation report to ITU  Final date for submission of Form A |
| **Critical Milestone (3):** | WP 5D Meeting # 42  10-21 October 2022 | **Completion of Step 5**  Review and coordination of outside evaluation activities  **Completion of Step 6**  Review to assess compliance with minimum requirements  **Completion of Step 7**  Consideration of evaluation results, consensus building and decision |
| **Step 8** | **Contribution Deadline**  **24 January 2023**  **Z+2B**  WP 5D Meeting # 43  31 January – 9 February 2023 | **Step 8**  Development of the new section in Rec. ITU-R M.2150 for the Radio Interface Technology.  Final date for submission of Certification B. |
| **Synchronization of Finalization of the Revision** | **Contribution Deadline**  **24 January 2023**  **Z+2B**  WP 5D Meeting # 43  **See the dates, as appropriate:**  **If utilizing a GCS,**  **continuing with the subsequent dates indicated in *Table 1* below in this document for *Items 8 through 13***  **If utilizing a DIS,**  **continuing with the subsequent dates indicated in *Table 2* below in this document for *Items 7 through 12*** | The remainder of the process and schedules for finalization of the Revision follows the dates and general tasks indicated in Table 1 or Table 2 as appropriate. |

In the case of a new technology proposal having been received by WP 5D, additional details including further specific schedules and deadlines such as those related to the provision of Form A and Certifications B and C, GCS, and DIS materials and the like will be communicated to the relevant parties associated with the new technology proposal.

The major milestones from the referenced process/procedures are shown below for guidance and planning purposes along with the anticipated dates for certain high level actions.

# V) Detailed schedule for the revision after year 2021 update for Existing Technologies in Recommendation ITU-R M.2150

**Table 1** below, extracted from Document [IMT-2020/57](https://www.itu.int/md/R15-IMT.2020-C-0057/en) and amended with specific dates, provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2150 as indicated in Section 3 of Document IMT-2020/57 in the case when a *GCS* (Global Core Specifications) is utilized.

**Calendar 1** provides a summary of actions defined in Table 1 for the revision ‘after year 2021’ in a calendar view.

TABLE 1**[[5]](#footnote-5)**

Framework of a Revision Cycle for updates of existing technologies in Recommendation ITU-R M.2150 applicable to Section 3 of IMT-2020/57 in the case when a GCS is utilized

| Item | Entity | Meeting designation & timeframe | Action/Deliverable/Milestone | Specific Dates |
| --- | --- | --- | --- | --- |
| ***1*** | **WP 5D** | Meeting “Z-1” or earlier | Communiqué to ***GCS Proponent****,* ***Transposing Organizations****, and relevant External Organizations* announcing the next revision of Rec. ITU‑R M.2150 and providing the detailed timelines for the revision. | WP 5D Meeting #38  7-18 June 2021 |
| ***2*** | ***Existing GCS Proponent*** | Meeting “Z” | Delivery to ITU-R by existing ***GCS Proponent*** of the initial announcement that a revision to a particular RIT or SRIT will be proposed.[[6]](#footnote-6)\*  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 “Z” | 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 “Z+1” | Delivery to ITU-R by the ***GCS Proponent***of further information, including a summary and rationale of the proposed update.\* | **Contribution Deadline**  **6 June 2022**  WP 5D Meeting # 41  13-24 June 2022 |
| ***5*** | **WP 5D** | Meeting “Z+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 “Z+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 5.2.4 from Report ITU-R M.2411-0 (2017) and any related supporting material for the proposed update to Rec. ITU‑R  M.2150, 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.2150:*  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 “Z+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 5.2.4 from Report ITU-R M.2411-0 (2017) and any related supporting material for the proposed update to Rec. ITU‑R M.2150, 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.2150:*  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 “Z+2A” or “Z+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 of Rec. ITU-R M.2150.  WP 5D finalizes and agrees the specific technology update in the draft revision of Rec. ITU‑R M.2150 (not necessarily including the detailed transposition references).  WP 5D liaison of the WP 5D agreed draft Revision of Rec. ITU-R M.2150 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 (“Z+2B”) will finalize the entirety of the preliminary WP 5D agreed draft revision of Rec. ITU-R M.2150 for all updated technologies (not necessarily including the detailed transposition references). | **Z+2A:**  WP 5D Meeting # 42  10-21 October 2022    **or**  **Z+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 of Rec. ITU-R M.2150.  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 “Z+2A” or “Z+2B”* | **Deadline for Submission**  **to ITU-R Secretariat**  **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  for consideration at WP 5D Meeting #44  13-22 June 2023 |
| ***11*** | **WP 5D** | Subsequent Meeting | WP 5D performs a final quality and completeness check of the draft revision of Rec. ITU-R M.2150.  WP 5D forwards to Study Group 5 the Revision of Rec. ITU-R M.2150. | WP 5D Meeting #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 of Rec. ITU-R M.2150 (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 2 of Rec. ITU-R M.2150 for forwarding to Member States for approval. | **Date to be determined depending on actual SG 5 meeting schedule**  [July/August 2023] |

**CALENDAR 1**

***(For TABLE 1)***

Summary of Actions for the Revision After Year 2021 for Revision of Existing Technologies *utilizing a GCS* Organized in a Calendar View

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Part 1: Milestone Summary for *ITU-R WP 5D and Radiocommunication Bureau (BR)* for Revision of Existing Technologies *utilizing a GCS* | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | ***WP 5D #38*** | |  | | ***WP 5D #40*** | |  | ***WP 5D #41*** | |  | ***WP 5D***  ***#42*** | | |  | | ***WP 5D #43*** | |  |  | | ***WP 5D***  ***#44*** | |  | | ***SG5*** |
|  |  | |  | |  | |  |  | |  |  | | |  | |  | |  |  | |  | |  | |  |
| 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 | | [July/August 2023] | | [July/August 2023] |
| Meeting Designator | ‘Z-1’ | |  | | ‘Z’ | |  | ‘Z+1’ | |  | ‘Z+2A’ | | |  | | ‘Z+2B’ | |  | - | | - | | - | | - |
| Table 1 Item # | 1 | |  | | 3 | |  | 5 | |  | 8 | | |  | | 8 | |  | 10 | | 11 | | **12** | | **13** |
| Action by Entity | WP 5D | |  | | WP 5D | |  | WP 5D | |  | WP 5D | | |  | | WP 5D | |  | BR | | WP 5D | | BR | | SG5 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part 2: Milestone Summary for GCS Proponents and Transposing Organizations for Revision of Existing Technologies *utilizing a GCS* | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | ***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  ‘Z’ | |  | | 7 days before ‘Z+1’ | |  | 7 days before Z+2A | | |  | 7 days before Z+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) | |  | | Existing GCS Proponent | | |  | |  | |  |  |

**Table 2** below, extracted from Document IMT-2020/57 and amended with specific dates, provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2150 as indicated in Section 3 of Document IMT-2020/57 in the case when a GCS is NOT utilized and a *DIS* (Directly Incorporated Specification) is utilized.

TABLE 2**[[7]](#footnote-7)**

Framework of a Revision Cycle for updates of existing technologies in Recommendation ITU-R M.2150 applicable to Section 3 in case where a GCS is not utilized[[8]](#footnote-8)

| Item | Entity | Meeting designation & timeframe | Action/Deliverable/Milestone | Specific Dates |
| --- | --- | --- | --- | --- |
| ***1*** | **WP 5D** | Meeting “Z-1” or earlier | Communiqué to ***GCS Proponent****,* ***Transposing Organizations****, and relevant External Organizations* announcing the next revision of Rec. ITU‑R M.2150 and providing the detailed timelines for the revision. | WP 5D Meeting #38  7-18 June 2021 |
| ***2*** | ***Existing GCS Proponent*** | Meeting “Z” | Delivery to ITU-R by existing ***GCS Proponent*** of the initial announcement that a revision to a particular RIT or SRIT will be proposed. | **Contribution Deadline 31 January 2022**  WP 5D Meeting # 40  7-23 February 2022 |
| ***3*** | **WP 5D** | Meeting “Z” | 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 “Z+1” | Delivery to ITU-R by the ***GCS Proponent***of further information, including a summary and rationale of the proposed update. | **Contribution Deadline**  **6 June 2022**  WP 5D Meeting # 41  13-24 June 2022 |
| ***5*** | **WP 5D** | Meeting “Z+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*** | Meeting “Z+2B” | *Case requiring a modification of the DIS*  Delivery to ITU-R by the ***GCS Proponent*** of the detailed update, including the compliance templates 5.2.4 from Report ITU-R M.2411 (2017) and any related supporting material for the proposed update to Rec. ITU‑R M.2150, 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 ***GCS Proponent*** of the revised/updated DIS.  Delivery to ITU-R of Certification B (section 1) by ***GCS Proponents***.  *Scenario 1 Case of a revised Overview, synopsis, or other material in Rec. ITU-R M.2150 not requiring a modification of the DIS*  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 DIS. | **Contribution Deadline**  **24 January 2023**  WP 5D Meeting # 43  31 January – 9 February 2023 |
| ***7*** | **WP 5D** | “Z+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 of Rec. ITU-R M.2150.  WP 5D finalizes and agrees the specific technology update in the draft revision of Rec. ITU‑R M.2150.  WP 5D liaison of the WP 5D agreed draft revision of Rec. ITU-R M.2150 to the relevant ***GCS Proponents.*** | **Z+2B:**  WP 5D Meeting # 43  31 January – 9 February 2023 |
| ***8*** | ***GCS Proponents*** | Due to ITU-R approximately one month prior to the subsequent Meeting | Completion of relevant business matters and indication of compliance with ITU policy on IPR, as appropriate | **Deadline for Submission**  **to ITU-R Secretariat**  **9 May 2023** |
| ***9*** | **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  for consideration at WP 5D Meeting #44  13-22 June 2023 |
| ***10*** | **WP 5D** | Subsequent Meeting | WP 5D performs a final quality and completeness check of the draft revision of Rec. ITU-R M.2150.  WP 5D forwards to Study Group 5 the Revision of Rec. ITU-R M.2150. | WP 5D Meeting #44 13-22 June 2023 |
| ***11*** | **Radiocommunication Bureau** | (Approximately July/August of 2023 based on 2023 as WRC year) | Submission by Counsellor for SG 5 of completed draft revision of Rec. ITU-R M.2150 (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] |
| ***12*** | **Study Group 5** |  | Study Group 5 considers adoption of the revision of Rec. ITU-R M.2150 for forwarding to Member States for approval. | Date to be determined depending on actual SG 5 meeting schedule\  [July/August 2023] |

**CALENDAR 2**

***(For TABLE 2)***

Summary of Actions for the Revision After Year 2021 for Revision of Existing Technologies *NOT utilizing a GCS* Organized in a Calendar View

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Part 1: Milestone Summary for *ITU-R WP 5D and Radiocommunication Bureau (BR)* for Revision of Existing Technologies *NOT utilizing a GCS* | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | ***WP 5D #38*** |  | ***WP 5D #40*** | |  | | ***WP 5D #41*** | |  | ***WP 5D***  ***#42*** | | |  | | ***WP 5D #43*** | |  |  | ***WP 5D***  ***#44*** | |  | ***SG5*** |
|  |  |  |  | |  | |  | |  |  | | |  | |  | |  |  |  | |  |  |
| 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 | | [July/August 2023] | [July/August 2023] |
| Meeting Designator | ‘Z-1’ |  | ‘Z’ | |  | | ‘Z+1’ | |  | - | | |  | | ‘Z+2B’ | |  | - | - | | - | - |
| Table 1 Item # | 1 |  | 3 | |  | | 5 | |  | - | | |  | | 7 | |  | 9 | 10 | | **11** | **12** |
| Action by Entity | WP 5D |  | WP 5D | |  | | WP 5D | |  | WP 5D | | |  | | WP 5D | |  | BR | WP 5D | | BR | SG5 |
|  | | | | | | | | | | | | | | | | | | | | | | |
| Part 2: Milestone Summary for GCS Proponents[[9]](#footnote-9) for Revision of Existing Technologies *NOT utilizing a GCS* | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | ***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  ‘Z’ | |  | | 7 days before ‘Z+1’ |  | - | | |  | 7 days before Z+2B | |  | | - | |  | | - |  |  |
| Table 1 Item # |  | 2 | |  | | 4 |  | - | | |  | 6 | |  | | 8 | |  | |  |  |  |
| Action by Entity |  | Existing GCS Proponent | |  | | Existing GCS Proponent |  | - | | |  | Existing GCS Proponent or  Existing Transposing Organization (Scenario 3) | |  | | Transposing Organization | |  | |  |  |  |

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

1. The schedule in this IMT-2020/58 document for revisions ‘after year 2021’ does not apply to the possible focused update of M.2150-0 resulting from the Way Forward Option 2 considerations (see Documents [IMT-2020/52](https://www.itu.int/md/R15-IMT.2020-C-0052/en) and [IMT-2020/53](https://www.itu.int/md/R15-IMT.2020-C-0053/en)). [↑](#footnote-ref-1)
2. This shall be the latest “in force” version, either Rec. ITU-R M.2150-0 or M.2150-1. M.2150-1, if necessary at this time, would be created as a result of the successful navigation by the two candidate technology proposals of the focused update resulting from the Way Forward Option 2 (see Documents [IMT-2020/52](https://www.itu.int/md/R15-IMT.2020-C-0052/en) and [IMT-2020/53](https://www.itu.int/md/R15-IMT.2020-C-0053/en)). M.2150-1, if required, from Option 2 could be anticipated to be published in late January 2022. [↑](#footnote-ref-2)
3. The dates established for this revision of Rec. ITU-R M.2150 shall be applied to the process/procedures referenced in Document IMT-2020/57 and shall also be applied for Document IMT-2020/2 (Rev 2), in lieu of specific dates previously indicated in the text of the document, as those dates were only applicable to the first release of IMT-2020. [↑](#footnote-ref-3)
4. Based on planned meeting dates. Confirmed meeting dates of WP 5D through year 2023 will be published on the [ITU website](file:///C:\Users\sb8927\Desktop\IMT%20YEAR%202023%20REVISION%20DETAILS%20Mtg%2338\(http:\www.itu.int\events\upcomingevents.asp%3fsector=ITU-R&lang=en)). [↑](#footnote-ref-4)
5. Based on planned meeting dates. Confirmed meeting dates of WP 5D through year 2023 will be published on the [ITU website](file:///C:\Users\sb8927\Desktop\IMT%20YEAR%202023%20REVISION%20DETAILS%20Mtg%2338\(http:\www.itu.int\events\upcomingevents.asp%3fsector=ITU-R&lang=en)). [↑](#footnote-ref-5)
6. \* 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.2150 under the purview of the ***GCS Proponent***. [↑](#footnote-ref-6)
7. Based on planned meeting dates. Confirmed meeting dates of WP 5D through year 2023 will be published on the [ITU website](file:///C:\Users\sb8927\Desktop\IMT%20YEAR%202023%20REVISION%20DETAILS%20Mtg%2338\(http:\www.itu.int\events\upcomingevents.asp%3fsector=ITU-R&lang=en)). [↑](#footnote-ref-7)
8. In the context of the process and in Table 2, the terminology **GCS Proponent** includes those proponents utilizing a DIS, See Document [IMT-2020/20](https://www.itu.int/md/R15-IMT.2020-C-0020/en) Section III. [↑](#footnote-ref-8)
9. In the context of the process and in Table 2, the terminology **GCS Proponent** includes those proponents utilizing a DIS, See Document [IMT-2020/20](https://www.itu.int/md/R15-IMT.2020-C-0020/en) Section III. [↑](#footnote-ref-9)