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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/155 | **Revision 1 to Document IMT-2020/21-E** |
| **14 July 2020** |
| **English only** |
| Working Party 5D | |
| Detailed schedule for finalization of the first release of new Recommendation ITU-R M.[IMT-2020.SPECS] | |
| Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020) | |

This document provides the detailed schedule of critical items and milestones for the first release of draft new Recommendation ITU-R M.[IMT-2020.SPECS]. It is organized based on the normal IMT process flows and is presented in the typical format familiar to the External Organizations engaged in the IMT process for development of the Detailed Specifications of the Terrestrial Radio Interfaces of International Mobile Telecommunications.

These details address necessary items to be recognized and provided in due time by the relevant parties for the conclusion of Step 8. The schedule outlines the specific actions and hard deadlines for both Working Party 5D (WP 5D) and the relevant External Organizations, particularly the ***RIT/SRIT Proponents***, ***GCS Proponents,*** and ***Transposing Organizations****.*

Background

The following dates are established for the specific actions and items needed for the process and, in particular, the completion of the first release Recommendation ITU-R M.[IMT-2020.SPECS] *as identified in Table 1 below under Items 5 through 14*. Additional details such as those related to the provision of Form A and Certifications B and C, Global Core Specification (GCS) and Directly Incorporated Specification (DIS) materials and other information may be communicated in the future to the relevant parties associated with the new technology proposals.

Table 1

Specific Actions and Items Needed for Completion of the First Release of Recommendation ITU-R M.[IMT-2020.SPECS]

**Note: IMT-2020 Process Steps and Critical Milestone Dates from** **Document** [**IMT-2020/2(Rev.2)**](https://www.itu.int/md/R15-IMT.2020-C-0002/en) **Figure 1**

**This Table of the normal IMT-2020 process flow and interactions between ITU-R and external organizations incorporates the amended dates with the introduction of WP 5D Meeting #36*bis*.**

**Dates that have been revised based on Meeting #36*bis* are indicated as new date .**

**Dates no longer valid are marked by ~~strike through.~~**

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| **In light blue shading** |

**Rows in the Table are to be addressed by the indicated External Organizations.**

**Critical Actions that are hard deadlines requiring action by External Organizations to provide materials to WP 5D are indicated by: date**

| Item | Process Step | Action by | Date | Action | Notes |
| --- | --- | --- | --- | --- | --- |
| ***Item 0*** | **IMT-2020 Process**  **Step 1**  **&**  **Critical Milestone (0)** | *WP 5D* | **March 2016**  commencing from  WP 5D #24  23 Feb – 2 Mar 2016  &  ending at  WP 5D #32  Meeting ‘Y’ | Step 1  Invitation to Propose RITs  Step 2  Development of Candidate RITs/SRITs |  |
| ***Item 1*** | **IMT-2020 Process**  **Step 2** | *RIT/SRIT*  *Proponents* | **March 2016**  commencing from  WP 5D #24  23 Feb– 2 Mar 2016  &  ending at  WP 5D #32  Meeting ‘Y’ | Step 2  Development of Candidate RITs/SRITs |  |
| ***Item 2*** | **IMT-2020 Process**  **Step 3**  **&**  **Critical Milestone (1)** | ***RIT/SRIT***  ***Proponents*** | **2 July 2019**  7 days before  9 -17 July 2019 –  WP 5D #32 | Step 3 - Cut-off date for submission of candidate RIT and SRIT proposals (final)  **Final date for submission by *RIT/SRIT Proponents*** |  |
| ***Item 3*** | **IMT-2020 Process**  **Step 3** | *WP 5D* | **July 2019**  (fromWP 5D #32) | Completion of Doc. IMT-2020/YYY  Input Submissions Summary  Circular Letter announcing receipt by WP 5D of a complete candidate technology submission and an invitation for submission of Evaluation Reports. |  |
| ***Item 4*** |  | *Independent Evaluation Groups* | **March 2016 – end of 2017** | Opportunity for registration of Evaluation Groups |  |
| ***Item 5*** | **IMT-2020 Process**  **Step 4**  **&**  **Critical Milestone (2)** | ***Independent Evaluation Groups***  ***(Evaluation Reports)***  ***RIT/SRIT Proponents (Form A)*** | **12 February 2020**  7 days before  19-26 February 2020 –  WP 5D #34 | Completion of Step 4  Evaluation of candidate RITs or SRITs by Independent Evaluation Groups  **Cut-off date for submission of evaluation reports (final) to ITU**  **Final date for submission of mandatory Form A by *RIT/SRIT Proponents*** |  |
| ***Item 6*** | **Process**  **Step 4** | *WP 5D* | **19-26 February 2020**  **WP 5D #34** | Completion of Doc. IMT-2020/ZZZ  Evaluation Reports Summary |  |
| ***Item 7*** | **IMT-2020 Process**  **Step 8** | ***GCS Proponents*** | **16 June 2020**  7 days before 23 June – 9 July 2020 - WP 5D #35*e*  [*Editor’s note:* Meeting converted to virtual (e-meeting)] | Step 8 Development of the specific sections in DNR ITU-R M.[IMT-2020.SPECS] for the Radio Interface Technology with no transposition references.  **Final date for submission of Global Core Specification - GCS (final)**  **Final date for submission of mandatory Certification B by G*CS Proponent*.**  **Final date for submission of mandatory Overview section by GCS Proponent.**  **(GCS Utilized) and the full materials for describing its RIT/SRIT in the Recommendation (DIS style)**  *Satisfactory completion of mandatory new relevant business matters and satisfactory mandatory new statement of compliance with ITU policy on IPR by each GCS Proponent is essential & necessary for ITU-R accepting the GCS from the Transposing Organizations.* | **Note:** This GCS (final) “locks down” the content of the detailed specifications in Recommendation and is the master list of the expected transposition references in a 1 to 1 correspondence (GCS <> Reference) to be subsequently received from each Transposing Organizations |
| ***Item 8*** | **IMT-2020 Process**  **Step 5**  **Step 6**  **Step 7**  **&**  **Critical Milestone (3)** | *WP 5D* | **23 June – 9 July 2020**  **WP 5D #35*e***  [*Editor’s note:* Meeting converted to virtual (e-meeting)] | 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 |  |
| ***Item 9*** | **IMT-*2020* Process**  **Step 8**  **(continuing)** | *WP 5D* | **23 June – 9 July 2020**  **WP 5D #35*e***  [*Editor’s note:* Meeting converted to virtual (e-meeting)] | WP 5D performs a review of the submitted material and reaches its conclusion on the acceptability of the proposed material for inclusion in the DNR.  WP 5D finalizes and provisionally agrees the specific technology WP 5D in draft new Rec. ITU-R M.[IMT-2020.SPECS]  (not necessarily including the detailed transposition references).  WP 5D liaison of the WP 5D provisionally agreed draft new Rec. ITU-R M.[IMT-2020.SPECS]  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 #35 will “lock down” the entirety of the WP 5D provisionally agreed draft new Rec. ITU-R M.[IMT-2020.SPECS]  for all technologies (not necessarily including the detailed transposition references). | **23 June – 9 July 2020**  **WP 5D #35*e***  [*Editor’s note:* Meeting converted to virtual (e-meeting)] |
| ***Item 10*** | **IMT-2020 Process**  **Step 8**  **(continuing)**  **~~(end)~~**  **Critical Milestone (4)** | *WP 5D* | **5 – 16 October 2020**  **WP 5D #36*e*** | WP 5D performs a quality and completeness check of the provisionally agreed final draft new Rec. ITU-R M.[IMT-2020.SPECS] without the hyperlinks. ~~and forwards to Study Group 5 for action/approval~~  Follow-up communications may be initiated to the GCS Proponents and/or Transposing Organizations, if necessary. | WP 5D will not, in this meeting, complete Step 8 as previously planned. The completion is shifted to WP 5D Meeting #36*bis*. See Item 12 |
| ***Item 11*** | **IMT-2020 Process**  **Step 8**  **(continuing)** | ***Transposing Organizations*** | **8 October 2020**  **28 September 2020 (for Certification C)**  approximately 4 to 6 weeks prior to the Subsequent Meeting | **Delivery to ITU-R of transposition references (final) by each *Transposing Organization* for incorporation into the WP 5D provisionally agreed draft new Rec. ITU-R M.[IMT-2020.SPECS**]  **Delivery to ITU-R of mandatory Certification C by each *Transposing Organization. (for submission to Mtg #36 by BR)***  *Satisfactory completion of mandatory new relevant business matters and satisfactory mandatory new statement of compliance with ITU policy on IPR by each Transposing Organization is essential & necessary for ITU-R accepting the transposition references from the Transposing Organizations.* | **8 October 2020**  (revised due date to send to Radio Communication Bureau from the *Transposing Organizations* for BR to compile *all* references (final) and all sections (final) into the completed draft deliverable for the draft new Recommendation) |
| ***Item 12*** | **IMT-2020 Process**  **Step 8**  **(continuing)** | *Radiocommunication*  *Bureau (BR)* | **~ 10 November 2020**  Prior to the Subsequent meeting | The Radiocommunication Bureau is requested to provide to WP 5D a ‘complete’ document that incorporates the transposition references |  |
| ***Item 13*** | **IMT-2020 Process**  **Step 8**  **(end)**  **Critical Milestone (4)** | *WP 5D* | **17-19 November 2020**  **(WP 5D #36*bis*)** | WP 5D performs the final review including quality checks and completeness of the final draft new Rec. ITU-R M.[IMT-2020.SPECS] with all hyperlinks and related materials and forwards to Study Group 5 for action. | New WP 5D Meeting #36bis  Held in Geneva in conjunction with Study Group 5 “Block Meetings” of WP 5A, WP 5B & WP 5C. |
| ***Item 14*** |  | *Radiocommunication Bureau* | **before 23 November 2020** | Submission by Counsellor for SG 5 of completed draft new Recommendation including all URL references to SG 5, based on currently anticipated SG 5 meeting schedule. |  |
| ***Item 15*** |  | *Study Group 5* | **Anticipated to be**  **23-24 November 2020** | Study Group 5 considers agreement of the draft new Recommendation ITU-R M.[IMT-2020.SPECS] for forwarding to Member States for adoption and approval. | The Study Group 5 meeting as planned would commence in Geneva on Monday of the week following the WP 5D #36*bis* meeting. |

Note for *TABLE 1* and *CALENDAR 1* regarding the planned meeting type and dates for Items 7 onwards:

* Due to the uncertainties of the COVID-19 situations the dates and type of meeting, physical or virtual (e-meeting) have previously been adjusted for Items 7-9.
* For Items 10 onwards, please be advised certain adjustments to the type of meeting, physical or virtual (e-meeting), and/or the specific dates of the meetings might necessarily have to be accommodated.

Calendar 1

Summary of Actions for Completion of the First Release of Recommendation ITU-R M.[IMT-2020.SPECS] Organized in a Calendar View

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| Part 1: Milestone Summary for *ITU-R WP 5D and Radiocommunication Bureau (BR)* for First Release of Recommendation ITU-R M.[IMT-2020.SPECS] | | | | | | | | | | | | | |
|  |  | *WP 5D #32* | |  | *WP 5D #33* |  | *WP 5D #34* |  | *WP 5D #35* | *WP 5D*  *#36* |  |  | *WP 5D*  *#36bis* |
| **DATE** |  | 9-17  July  2019 | |  | 10-13 December 2019 |  | 19-26  February 2020 |  | 23 June –  1 July 2020 | 6-15 October  2020 |  | *~10 November*  2020 | *17-19 November*  2020 |
| **IMT-2020 Process Step** |  | Complete  Step 3 | |  |  |  | Complete Step 4 |  | Complete Steps 5 -7  Continue  Step 8 | Continue  Step 8 |  | Continue Step 8 | Complete Step 8 |
| **TABLE 1 ITEM #** |  | **3** | |  |  |  | **6** |  | **8 & 9** | **10** |  | **12** | **13** |
| **Key WP 5D**  **Deliverable** |  | Doc. IMT-2020/YYY | |  |  |  | Doc. IMT-2020/ZZZ |  | Rpt M.[IMT-2020. OUTCOME]  Provisional Rec ITU-R M.[IMT-2020.SPECS] needed for Transposition Basis | Provisional Rec ITU-R M.[IMT-2020.SPECS] |  |  | Rec ITU-R M.[IMT-2020.SPECS] |
| **Action by Entity** |  | WP 5D | |  | WP 5D |  | WP 5D |  | WP 5D | WP 5D |  | BR | WP 5D |
| **Part 2: Milestone Summary for RIT/SRIT Proponents, GCS Proponents, Transposing Organizations & IEGs for First Release of Recommendation ITU-R M.[IMT-2020.SPECS]** | | | | | | | | | | | | | |
|  |  | ***WP 5D***  ***#32*** | |  | ***WP 5D #33*** |  | ***WP 5D #34*** |  | ***WP 5D***  ***#35*** | ***WP 5D***  ***#36*** |  |  | ***WP 5D***  ***#36bis*** |
| **Deadline** | **2 July**  **2019** |  | | **3 December 2019** |  | **12 February 2020** |  | **16 June**  **2020** |  | **28 September 2020** | ***8 October***  **2020** |  | 10 November 2020 |
| **Meeting Designator** | 7 days before  Mtg #32 |  | | 7 days before Mtg #33 |  | 7 days before Mtg #34 |  | 7 days before Mtg #35 |  |  | - |  | - |
| **IMT-2020 Process Step** | Complete  Step 3 |  | |  |  | Complete  Step 4 |  | Start  Step 8 |  |  |  |  | Complete  Step 8 |
| **TABLE 1 ITEM #** | **2** |  | |  |  | **5** |  | **7** |  | **11** | **11** |  |  |
| **Key Deliverable** | Final Submission |  | |  |  | Evaluation Reports  Form A |  | Global Core Specification (final)  Certification B  Overview Section |  | Certification C | Transposition References  (final) |  |  |
| **Action by Entity** | **RIT/SRIT Proponent** |  |  | |  | **Independent Evaluation Group**  **RIT/SRIT Proponent** |  | **GCS Proponent**  **Transposing Organization** |  | **Transposing Organization** | **Transposing Organization** |  |  |

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