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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/209(Rev.1) | **Document IMT-2020/53-E** |
| **11 January 2021** |
| **English only** |
| Working Party 5D |
| DETAILED SCHEDULE and actions FOR ‘WAY FORWARD’ OPTION 2 RELATED TO “ETSI (TC DECT) AND DECT FORUM PROPONENT” AND “NUFRONT PROPONENT” CANDIDATE TECHNOLOGY SUBMISSIONS FOR IMT-2020 |
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Note from the BR: Due to the change of the meeting date of ITU-R WP 5D #37 from 22 February – 5 March 2021 (old) to 1-12 March 2021 (new), the according deadlines in the timeline for the specific actions have been adjusted accordingly (e.g., all dates related to WP 5D #37 now one week later).

Introduction

The ‘Way Forward’ Option 2 for “ETSI (TC DECT) and DECT Forum Proponent” and “Nufront Proponent” candidate technology submissions for IMT-2020 was agreed in Working Party (WP) 5D Meeting #35*e*, as recorded in Document [IMT-2020/52](https://www.itu.int/md/R15-IMT.2020-C-0052/en).

In conjunction with the ‘Way Forward’ it is noted that ITU-R has determined that the IMT-2020 candidate technology submission proposals referenced above will require additional evaluation to conclude their respective final assessments through Steps 6 and 7 of the current process. They will, therefore, on an exceptional basis continue in the process, rewinding to the start of Step 4 in order to consider additional material.

Should each of these two technology submissions individually and separately successfully navigate through Step 4 and the subsequent Steps 5-8 of the current IMT-2020 process extension, they would consequentially be included in a timely special revision in 2021 to the published first release of Recommendation ITU-R M.[IMT-2020.SPECS] – *Detailed specifications of the radio interfaces of IMT-2020*.

This process extension for these specific candidate technology submissions will not impact the schedule for the first release of Recommendation ITU-R M.[IMT-2020.SPECS] and the inclusion of the previously agreed Proponent submissions as announced in Circular Letter [5/LCCE/59 (Addendum 7)](https://www.itu.int/dms_pub/itu-r/md/00/sg05/cir/R00-SG05-CIR-0059%21A7%21MSW-E.docx).

A remaining logistics task after Meeting #36*e* was to define the detailed schedule for Option 2 for the current registered Independent Evaluation Groups (IEGs) participating in the IMT-2020 process inviting them to re-engage in the evaluation Step 4 work for these two candidate technology submissions, as well as the schedule and actions of these two proponents and WP 5D.

This document provides the detailed schedule of critical items and milestones for the Way Forward Option 2 towards a focused revision 1 (as indicated in Document [IMT-2020/52 Part 1](https://www.itu.int/dms_pub/itu-r/md/15/imt.2020/c/R15-IMT.2020-C-0052%21P1%21PDF-E.pdf)) of the published initial release of Recommendation ITU-R M.[IMT-2020.SPECS] – *Detailed specifications of the radio interfaces of IMT-2020.* This document 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 ITU Recommendation series 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 towards the special revision. The schedule outlines the specific actions and hard deadlines for both WP 5D and the relevant External Organizations, particularly the ***RIT/SRIT Proponents***, ***GCS Proponents,*** and ***Transposing Organizations****.*

For reference, the previously agreed high-level time plan figure for Option 2 is provided in Annex 1.

It is noted that the one-time exceptional basis ‘Way Forwardʼ Option 2 extension must be concluded/completed and closed at WP 5D Meeting #39 as was agreed in WP 5D Meeting #36*e*.

The work undertaken for the *‘Way Forward’* Option 2 shall also continue to adhere to the relevant IMT-2020 process guidance documents found in:

– Resolution [ITU-R 65](https://www.itu.int/pub/R-RES-R.65) – *Principles for the process of future development of IMT for 2020 and beyond*,

– 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,

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

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

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

Background on the detailed schedule

The schedule below in Table 1 is modelled on Document [IMT-2020/21(Rev.1),](https://www.itu.int/md/R15-IMT.2020-C-0021/en) it picks up with the reset to the start of Step 4 for these two candidate technology submissions. As a number of key deliverables from the proponents have already been provided as of WP 5D meeting #36*e*, certain Items in the process/schedule steps have been combined, compressed, and/or reordered to take advantage of these materials already on record or file with ITU-R, as was noted in Document [IMT‑2020/52](https://www.itu.int/md/R15-IMT.2020-C-0052/en). These adaptations remain aligned with, and respect, the defined IMT‑2020 process in Documents [IMT-2020/20](https://www.itu.int/md/R15-IMT.2020-C-0020/en) and [IMT-2020/2(Rev.2).](https://www.itu.int/md/R15-IMT.2020-C-0002/en)

Annex 1

Extract from Document [IMT-2020/52 Part 1](https://www.itu.int/dms_pub/itu-r/md/15/imt.2020/c/R15-IMT.2020-C-0052%21P1%21PDF-E.pdf)“*Executive Summary of proposed Way Forward”*



Table 1

Timeline, specific actions, and items needed for completion of
‘Way Forward’ Option 2 and possible focused Revision 1
of Recommendation ITU-R M.[IMT-2020.SPECS]

– Table 1 below relates to Document [IMT-2020/52](https://www.itu.int/md/R15-IMT.2020-C-0052/en) and the ‘Way Forward’ Option 2 timeline (e.g., the “process fork” indicated in the yellow highlight in the Annex 1 above).

– Table 1 below applies to the candidate technology submissions granted an extension in the IMT‑2020 process:

• Candidate SRIT submission from ETSI (TC DECT) and DECT Forum (Acknowledgement of submission under Step 3 of the IMT-2020 process in Document [IMT‑2020/17(Rev.1)](https://www.itu.int/md/R15-IMT.2020-C-0017/en)).

• Candidate RIT submission from Nufront (Acknowledgement of submission under Step 3 of the IMT-2020 process in Document [IMT-2020/18(Rev.1)](https://www.itu.int/md/R15-IMT.2020-C-0018/en)).

– The IMT-2020 Process Steps are referenced from Document [IMT-2020/2(Rev.2)](https://www.itu.int/md/R15-IMT.2020-C-0002/en).

– This Table 1 of the IMT-2020 process flow and interactions between ITU-R and external organizations incorporates the anticipated dates for the *‘Way Forward’* Option 2. *Necessarily, amendments to the dates indicated for each of the planned respective WP 5D Meetings (and dates for the associated actions by External Organizations and/or ITU-R WP 5D) in the table might need to be adjusted to maintain alignment with the actual WP 5D Meeting dates that are established.*

– Rows in Table 1 are to be addressed by the indicated External Organizations.

in light blue shading

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

| Anticipated Actions for WP 5D Meeting  | Item for *‘Way Forward’* Option 2 | IMT-2020Process Step | Action by | Date | Action | Notes |
| --- | --- | --- | --- | --- | --- | --- |
| **#36*bis*****November 2020** | ***Option 2******Item 1*** | **IMT-2020 Process****Step 4** | ***Independent Evaluation Groups*** ***(‘Early Reply’ Response on Intentions)*** | **10 November 2020**7 days before 17-19 November 2020WP 5D #36*bis* | *‘Early Reply’ Response* by IEGs of their intention to re-engage in the evaluation process for Option 2 under Step 4 *(if available)* | Response is in the form of an e-mail addressed to the BR (supply e‑mail address) |
| ***Option 2******Item 2*** | **IMT-2020 Process****Step 4** |  | **17-19 November 2020****WP 5D #36*bis*** | WP 5D considers ‘*Early Reply’* *Responses* from IEGs to liaison from Meeting #36 *(if any)* |  |
| **#37****February 2021** | ***Option 2******Item 3*** | **IMT-2020 Process****Step 4** | ***Independent Evaluation Groups*** ***(REQUESTED Response on Intention)******&*** ***(INITIAL Evaluation Reports if available)*** | **22 February 2021**7 days before 1-12 March 2021 WP 5D #37 | Reply by IEGs of their intention to re-engage in the evaluation process for Option 2 under Step 4 *(as requested) – final.* **INITIAL** Evaluation Reports of Option 2 candidate RITs or SRITs by Independent Evaluation Groups *(if available)* | If IEGs have provided e-mail response, no further action required. However, if IEGs do not respond at all, it will be understood they no longer wish to participate.  |
| ***Option 2******Item 4*** | **IMT-2020 Process****Step 4** |  | **1-12 March 2021****WP 5D #37** | WP 5D considers responses for IEGs to liaison from Meeting #36*e*WP 5D considers **INITIAL** Evaluation Reports from IEGs Initiate relevant IMT-2020 evaluation report history documents for *‘Way Forward’* Option 2Initiate development ofdraftnew Doc. IMT-2020/ZZZ Evaluation Reports Summary from Option 2 Step 4 progressInitiate development of **draft focused Revision 1 Rec. ITU-R M.[IMT‑2020.SPECS]** **–** *Detailed specifications of the radio interfaces of IMT-2020.* |  |
| **#38****June 2021** | ***Option 2******Item 5*** | **IMT-2020 Process****Step 4** | ***Independent Evaluation Groups******(Final Evaluation Reports)******----------------------------******Option 2 Proponents/Transposing Organizations******(Final Transposition references/hyperlinks or DIS)*** | **31 May 2021**7 days before7-18 June 2021WP 5D #38 | Cut-off date for submission of evaluation reports (final) to ITU**FINAL** Evaluation Reports of candidate RITs or SRITs by Independent Evaluation Groups *(required)*Continued development ofdraftnew Doc. IMT-2020/ZZZ Evaluation Reports Summary from Option 2 Step 4 progress**--------------------------------------**Final *editorials* by Option 2 Proponents to the “on file ITU-R” CGS and/or DIS materials from WP 5D Meeting #36*e* **(***Note: This is not to permit substantive technical amendments***)****Delivery to ITU-R of transposition references (final) by each Transposing Organization and/or DIS (final edits) for incorporation into the WP 5D provisionally agreed *preliminary draft focused Revision 1* Rec. ITU-R M.[IMT-2020.SPECS]** | The IEGs are to have their "final" evaluation reports. Essentially a "must" have.No more proactive evaluation submission to WP 5D, unless WP 5D after review in June or August invites further work on their analysis. |
| ***Option 2******Item 6*** |  |  | **7-18 June 2021****WP 5D #38** | Update relevant IMT-2020 evaluation report history documents for *‘Way Forward’* Option 2Complete development ofdraftnew Doc. IMT-2020/ZZZ Evaluation Reports Summary from Option 2 Step 4 progress with **FINAL** Evaluation reports.Continue development of ***draft focused Revision 1* Rec. ITU-R M.[IMT‑2020.SPECS]** & elevate to preliminary draft revision aligned with final CGS & with final hyperlinks/references and/or DIS with [ ] text pending final decisions in October WP 5D #39 |  |
| **Interim Meeting (virtual)****23-27 August 2021** | ***Option 2******Item 7*** | **IMT-2020 Process****Step 5** | ***IEGs, Option 2 Proponents, & WP 5D Technology Aspects - (SWG Evaluation, SWG IMT Specifications, SWG Coordination)*** | **23-27 August 2021** | Technology Aspects WG “interim meeting” (virtual) to address the FINAL Evaluation reports results and any remaining outstanding issues *(if necessary)* before WP 5D Meeting #39 and/or possible advance preparations for the Option 2 Item 9 work in this Table 1 planned for Meeting #39. |  |
| **#39****October 2021** | ***Option 2******Item 8*** | **IMT-2020 Process****Step 4****Step 5** | ***Independent Evaluation Groups*** ***UPDATED FINAL Evaluation Reports (if necessary)*** ***---------------------------******Option 2 Proponents/Transposing Organization*** | **20 September 2021**14 days before 4-15 October 2021 – WP 5D #39 | Cut-off date for submission of evaluation reports (“Updated “final) to ITU in response to actions from Option 2 Item 7 in this Table 1.Completion of Option 2 Step 4**“UPDATED” FINAL** Evaluation of candidate RITs or SRITs by Independent Evaluation Groups *(if necessary, from IMT-2020 Process Step 5)***-----------------------------------------**Delivery to ITU-R of transposition references *(final edits)* by each Transposing Organization and/or DIS *(final edits)* for incorporation into the WP 5D provisionally agreed *preliminary draft focused Revision 1* Rec. ITU-R M.[IMT-2020.SPECS] *(if any)* | Any "updated final report" is specifically solicited in response to such a request to the IEG stemming from the dialogs in WP 5D between Proponent and IEGs, and WP 5D discussions carried out in June and lastly in August. It is not an open-ended analysis at that point in time.That open ended analysis window finalizes in the June submission (absent a grant of some extension for a valid reason to extend an IEG's last portions of a June Final Report to August). |
| ***Option 2******Item 9*** | **Process** **Step 4****Step 6****Step 7****Step 8** | *WP 5D* | **4-15 October 2021****WP 5D #39** | Finalize relevant IMT-2020 evaluation report history documents for *‘Way Forward’* Option 2 Step 4.Complete new Doc. IMT-2020/ZZZEvaluation Reports Summary for Step 4 for the *‘Way Forward’* Option 2 candidate technology submissions. If appropriate, complete Revision 1 to Report ITU-R M.2483-0 – *The outcome of the evaluation, consensus building and decision of the IMT-2020 process (Steps 4 to 7), including characteristics of IMT-2020 radio interfaces* for the *‘Way Forward’* Option 2 candidates for Steps 6 & 7 *including decisions for Step 8,* and, if appropriate, provide to WP 5D Plenary at Mtg #39 for agreement and forwarding to Study Group 5 for action.If appropriate, complete the ***draft focused Revision 1*** of Rec. ITU-R M.[IMT-2020.SPECS] – *“Detailed specifications of the radio interfaces of IMT-2020****”*** for the *‘Way Forward’* Option 2 candidates based on decisions for Step 8 and, if appropriate, provide to WP 5D Plenary at Mtg #39 for agreement and forwarding to Study Group 5 for action.Formally complete/close the exceptional ‘Way Forward’ Option 2 extension announced under Circular Letter [5/LCCE/89](https://www.itu.int/md/R00-SG05-CIR-0089/en). |  |
| ***Study Group 5******[November 2021]*** | ***Option 2******Item 10*** |  | *Study Group 5* | **Anticipated to be November 2021** | Study Group 5 considers agreement of the draft *focused Revision* *1* of Recommendation ITU-R M.[IMT‑2020.SPECS] – *Detailed specifications of the radio interfaces of IMT-2020* for forwarding to Member States for adoption and approval. |  |

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