



Radiocommunication Bureau (BR)

Circular Letter
5/LCCE/109

10 July 2023

To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates participating in the work of Radiocommunication Study Group 5 and ITU Academia

Subject: Announcement of the Revision 3 of Recommendation ITU-R M.2150 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)” and submission of new proposals for candidate radio interface technologies for the terrestrial components of the radio interface(s) for IMT-2020 and invitation to participate in their subsequent evaluation

1 Introduction

Following on from the successful completion of the first release in 2020 and subsequent revisions of Recommendation [ITU-R M.2150](#), ITU-R is continuing the work on ITU-R Recommendations for the terrestrial components of the IMT-2020 radio interface(s). This work is guided by [Resolution ITU-R 65 and utilizing IMT-2020 process in IMT-2020/2\(Rev.2\)](#).

Within the ITU-R, the work on IMT-2020 is being conducted in ITU-R Working Party 5D (WP 5D) of Study Group 5 as the group responsible for this work.

2 Purpose of this Circular Letter

The purpose of this Circular Letter is:

- to announce the initiation of the update cycle for the revision 3 of Recommendation ITU-R M.2150 for those radio interface technologies that would currently be included in the published Recommendation having the status of “in force” as of approximately February 2024¹, and
- to invite the submission of new proposals for candidate radio interface technologies (RITs) or a set of RITs (SRITs) for the terrestrial components of IMT-2020.

The Working Party 5D timeline shows that the submission of updates to be considered in the revision cycle is scheduled to begin from WP 5D meeting No. 44 (June 2023) and end at WP 5D meeting No. 50 (October 2025)².

¹ It should be noted that Recommendation ITU-R M.2150 Revision “After Year 2021” (Rec. ITU-R M.2150-2) could be anticipated to be published in late January 2024.

² Also, see general information about IMT-2020, WP 5D planned meeting dates, and further information about this planned revision, on the [web page of WP 5D](#).

This Circular Letter also initiates, for any new candidate technology submissions, the process to evaluate the candidate RITs or SRITs for IMT-2020 and invites the formation of Independent Evaluation Groups (IEGs) and the subsequent submission of evaluation reports on these new candidate RITs or SRITs according to the established detailed timeline.

The deadline for receipt of 'complete' new candidate technology submissions is established in the schedule as WP 5D meeting No. 45.

3 Procedural Information and further details

Annex 1 provides a high-level overview of the process and procedures established for this revision of Recommendation ITU-R M.2150.

Updates on the revision 3 of Recommendation ITU-R M.2150 will be announced on the IMT-2020 web page or in an Addendum to this Circular Letter.

Mario Maniewicz
Director

Annex: 1

Annex 1

1 Web page for IMT-2020

The Radiocommunication Bureau has established a "[Web page for the 3rd release of IMT-2020 Recommendation ITU-R M.2150 \(2024-2025 work\)](#)" to facilitate the development of update and new proposals and the work (if necessary) of the evaluation groups. The IMT-2020 web page will provide details of the revision process including the submission of proposals, and will include the RIT and SRIT submissions, evaluation group registration and contact information, evaluation reports and other relevant information on the continued development of IMT-2020. The IMT-2020 web page will be updated dynamically to reflect any future updates. Consequently, participants in the IMT-2020 development activities are kindly requested to periodically check that web page.

2 Procedure for submitting revision materials for existing RITs or SRITs and new candidate RITs or SRITs

The general revision process is guided by Document [IMT-2020/57](#) and Document [IMT-2020/87](#) "Schedule for Revision 3 of Recommendation ITU-R M.2150" has a specific schedule with a number of steps and necessary deadlines.

The submission of revision material for existing radio interface technologies in Recommendation ITU-R M.2150 and new proposals for candidate radio interface technologies should be made in accordance with the referenced process documents and submission process delineated on the IMT-2020 web page.

Proponents and IPR holders should indicate their compliance with the ITU policy on intellectual property rights (see Note 2 in Section A2.6 of Resolution ITU-R 1-8), as specified in the Common Patent Policy for ITU-T/ITU-R/ISO/IEC on intellectual property rights, available at <http://www.itu.int/ITU-T/dbase/patent/patent-policy.html>.

New candidate technology submissions should be addressed to the Counsellor for ITU-R Study Group 5, Mr. Uwe Lowenstein (uwe.loewenstein@itu.int). These submissions will be prepared as inputs to WP 5D and made available on the IMT-2020 web page. Receipt of submissions will be acknowledged by the Radiocommunication Bureau.

Updating materials for the existing RITs or SRITs should be submitted to the relevant meeting of WP 5D using the normal ITU-R contribution process or via the Bureau to the attention of the Counsellor as appropriate.

3 Evaluation of candidate RITs or SRITs

Proposed updates that are new candidate RITs or SRITs proposals will be evaluated by the ITU membership, standards organizations and other organizations as appropriate to the relevant process.

In the event of the reception of new candidate technology proposals by ITU-R, potential Independent Evaluation Groups are requested to register with ITU-R³ as identified in the schedule documents. The evaluation groups are kindly requested to submit evaluation reports to the ITU-R in accordance with the evaluation process delineated on the IMT-2020 web page. The evaluation reports will be considered in the development of the revised Recommendation M.2150 describing the relevant radio interface specifications.

³ The evaluation group registration form, if necessary, will become available at "[Web page for the 3rd release of IMT-2020 Recommendation ITU-R M.2150 \(2024-2025 work\)](#)".