



Radiocommunication Bureau (BR)

Addendum 1 to
Circular Letter
5/LCCE/94

8 March 2022

**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 a new proposal for candidate radio interface technology for the terrestrial components of the radio interface(s) for IMT-2020 for the revision ‘after year 2021’ of Recommendation ITU-R M.2150 “Detailed specifications of the terrestrial radio interfaces of IMT-2020”, and invitation to participate in its subsequent evaluation

1 Introduction

Following on from the successful completion in year 2020 of the first release of IMT-2020 in Recommendation [ITU-R M.2150](#), as was previously announced in Circular Letter [5/LCCE/59](#) which initiated this work in 2016, 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](#).

Resolution ITU-R 65 on the “Principles for the process of future development of IMT for 2020 and beyond” outlines the essential criteria and principles which is used in the process of developing the Recommendations and Reports for IMT-2020, including Recommendation(s) for the radio interface specification.

Within the ITU-R, the work on IMT-2020 is being conducted in ITU-R Working Party (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 reception by ITU-R of a submission of a new proposal for candidate radio interface technology (RIT) for the terrestrial components of IMT-2020 in the update cycle for the revision ‘after year 2021’ of Recommendation ITU-R M.2150;
- to invite the formation of Independent Evaluation Groups (IEGs) and the subsequent submission of evaluation reports on this new candidate RIT according to the established detailed timeline.

The Working Party 5D timeline shows that the submission of updates and new proposals to be considered in the revision cycle began at the 38th WP 5D meeting (June 2021) and is scheduled to end at the 44th WP 5D meeting (June 2023)¹.

¹ 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](#).

3 Proposed candidate technology

ITU-R WP 5D has reviewed the candidate technology proposed from a proponent to the 40th meeting of WP 5D under Step 3 of the IMT-2020 submission and evaluation process, and acknowledged this submission as “complete” in conformance with Section 5 of Report ITU-R M.2411:

- Doc. [IMT-2020/76](#) – *Acknowledgement of candidate RIT submission from Nufront under Step 3 of the IMT-2020 process.*

For convenience, this submitted proposal is referenced in Document [IMT-2020/75](#) (New Nufront Submission History) with supplementary information and also posted on the web page of “[IMT-2020 submission and evaluation process for M.2150 “Revision after Year 2021” planned to complete in 2023](#)”.

4 Evaluation of candidate RITs or SRITs

Following the IMT-2020 process on “Submission/Reception of the RIT and SRIT proposals and acknowledgement of receipt” in accordance with Document [IMT-2020/2\(Rev.2\)](#), WP 5D started the evaluation from its 40th meeting in February 2022, and the evaluation will last until the 42nd meeting in October 2022, when WP 5D expects to receive the final evaluation reports from the Independent Evaluation Groups.

Potential Independent Evaluation Groups (IEGs) are requested to register with ITU-R no later than 19 April 2022 to better enable dialog to be established between the IEGs and Proponent Nufront in order to meet the planned deadlines. See Annex 1 for further details related to this request.

To facilitate the evaluation activities by registered or potential Independent Evaluation Groups, a designated web page and [Evaluation Group discussion area for “Revision after year 2021”](#) of M.2150 on the WP 5D web page has been set up associated with the candidate technology submission for Recommendation ITU-R M.2150 “Revision after Year 2021”.

5 Procedural Information and further details

Updates on the revision ‘after year 2021’ of Recommendation ITU-R M.2150 will be announced on IMT-2020 web page or in an Addendum to this Circular Letter.

Mario Maniewicz
Director

ANNEX 1

1 Web page for IMT-2020

The Radiocommunication Bureau will facilitate the development of updates, new proposals, and the work (if necessary) of the evaluation groups. The IMT-2020 section on the [web page of WP 5D](#) will provide on-going details of the revision process including the submitted RIT submission, evaluation group registration and contact information, evaluation reports and other relevant information on the continued development of IMT-2020 in conjunction with the “revision after year 2021” for Recommendation ITU-R M.2150.

2 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-R², 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 ITU-R M.2150 describing the relevant radio interface specifications.

It is noted that the current technology proposal from Proponent Nufont, and the associated detailed specifications now available, are indicated by the Proponent to be improvements built upon previous technology already, in principle, made available in prior specifications to both Working Party 5D and industry and examined in prior evaluations of the EUHT-5G.

Furthermore, noting that WP 5D expects to receive the final evaluation reports from the Independent Evaluation Groups on this IMT-2020 candidate technology RIT by its 42nd meeting (October 2022), and that the IEGs are encouraged to provide interim evaluations for the 41st meeting (June 2022), *potential Independent Evaluation Groups are requested to register with ITU-R no later than 19 April 2022* to better enable dialog to be established between the IEGs and Proponent Nufont in order to meet the planned deadlines.

Based on the above, this 19 April 2022 date is requested of the potential IEGs even though the schedule outlined in Document [IMT-2020/58\(Rev.1\)](#) currently indicates in the table titled ‘High level schedule for New Technology Proposals for the Revision ‘after year 2021’, that the “...Opportunity for registration of Evaluation Groups is a window between October 2021 and September 2022”.

² The evaluation group registration form is available at WP 5D web page (<https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5d/imt-2020/Pages/submission-eval-after2021.aspx>).