



Radiocommunication Bureau (BR)

Addendum 5 to Circular Letter
5/LCCE/59

18 December 2019

**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: Further acknowledgement of IMT-2020 proposals, future plans and evaluation
report requests**

1 Introduction

The first invitation for submission of proposals for candidate radio interface technologies (RITs) or a set of RITs (SRITs) for the terrestrial components of IMT-2020 was issued with Circular Letter [5/LCCE/59](#) on 22 March 2016. This Circular Letter also initiated an ongoing process to evaluate the candidate RITs or SRITs for the terrestrial components of IMT-2020, and invited the formation of independent evaluation groups (IEGs) and the subsequent submission of evaluation reports on these candidate RITs or SRITs.

On 4 July 2016, Addendum 1 to the Circular Letter announced the availability of further relevant information including the availability of Document [IMT-2020/2\(Rev.2\)](#) – *Submission and evaluation process and consensus building for IMT-2020*.

On 28 February 2017, Addendum 2 to the Circular Letter announced the availability of Report [ITU-R M.2410](#) – *Minimum requirements related to technical performance for IMT-2020 radio interface(s)* and revision to Document IMT-2020/2, as well as preliminary information on the IMT-2020 workshop.

On 5 July 2017, Addendum 3 to the Circular Letter announced the availability of two new Reports [ITU-R M.2411](#) – *Requirements, evaluation criteria and submission templates for the development of IMT-2020* and [ITU-R M.2412](#) – *Guidelines for evaluation of radio interface technologies for IMT-2020*. The Addendum 3 also provided the updated information on the IMT-2020 workshop that was held during the 28th meeting of Working Party 5D (WP 5D) in October 2017.

On 24 July 2019, Addendum 4 to the Circular Letter announced the acknowledgment of the four proposed candidate technologies received by ITU-R during the step 3 of the IMT-2020 submission and evaluation process, and the information of the Workshop on IMT-2020 Terrestrial Radio Interfaces Evaluation during the 33rd meeting of WP 5D in December 2019.

The Addendum 5 to the Circular Letter provides further information on the acknowledgement of the proposed IMT-2020 candidate technologies received by ITU-R during the Step 3 of the IMT-2020 submission and evaluation process, and request for final evaluation report from the Independent Evaluation Groups.

2 Proposed candidate technologies

ITU-R WP 5D has reviewed the candidate technologies proposed from six proponents to the 32nd meeting of WP 5D under Step 3 of the IMT-2020 submission and evaluation process.

WP 5D in meeting #32 acknowledged the four submissions are “complete” considering Section 5 of Report ITU-R M.2411, as stated in Addendum 4 to the Circular Letter:

- Doc. [IMT-2020/13](#) – Acknowledgement of candidate SRIT submission from Proponent 3GPP¹ under Step 3 of the IMT-2020 process
- Doc. [IMT-2020/14](#) – Acknowledgement of candidate RIT submission from Proponent 3GPP¹ under Step 3 of the IMT-2020 process
- Doc. [IMT-2020/15](#) – Acknowledgement of candidate RIT submission from Proponent China under Step 3 of the IMT-2020 process
- Doc. [IMT-2020/16](#) – Acknowledgement of candidate RIT submission from Proponent Korea under Step 3 of the IMT-2020 process

In addition, after further review, WP 5D in meeting #33 acknowledged the following submissions are “complete” as per Section 5 of Report ITU-R M.2411:

- Doc. [IMT-2020/17\(Rev.1\)](#) – Acknowledgement of candidate SRIT submission from ETSI (TC DECT) and DECT Forum under Step 3 of the IMT-2020 process
- Doc. [IMT-2020/18\(Rev.1\)](#) – Acknowledgement of candidate RIT submission from Nufront under Step 3 of the IMT-2020 process
- Doc. [IMT-2020/19\(Rev.1\)](#) – Acknowledgement of candidate RIT submission from TSDSI under Step 3 of the IMT-2020 process

For convenience, these submitted proposals are also posted on the webpage of “[Web page for IMT-2020 submission and evaluation process](#)”.

Under the IMT-2020 submission and evaluation process, the ITU-R will now proceed with the detailed evaluation of the proposed candidate technologies until 34th meeting of WP 5D in February 2020.

3 Request for final evaluation reports

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 process from its 31st meeting in October 2018, and will last until its 34th meeting in February 2020.

¹ The 3GPP Proponent of the 3GPP submission is collectively the 3GPP Organizational Partners (OPs). The Organizational Partners of 3GPP are ARIB, ATIS, CCSA, ETSI, TSDSI, TTA and TTC (<http://www.3gpp.org/partners>).

Therefore, WP 5D expects to receive the final evaluation reports from the Independent Evaluation Groups on those IMT-2020 candidate technology RIT(s)/SRIT(s) that have been evaluated by its 34th meeting.

It is also suggested that the evaluation reports contain information including the use of Report ITU-R M.2412, the considered test environment(s), the evaluated RIT(s)/SRIT(s), and the evaluation results as requested by the compliance templates, but not limited to those. It is also requested that the evaluation report includes as much detail about the evaluation as possible.

4 Updates to the ITU-R web page for the IMT-2020 submission and evaluation process and IMT-2020 documents

Any future changes to the submission and evaluation process will be announced in Addenda to this Circular Letter. Other information, such as a summary of the Workshop on IMT-2020 Terrestrial Radio Interfaces Evaluation as well as the current interim evaluation report(s) have been updated on the "[Web page for IMT-2020 submission and evaluation process](#)" and "[IMT-2020 documents](#)". Consequently, Members and Sector members interested in the IMT-2020 development process including evaluation activities are kindly requested to periodically check the website.



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- Secretary General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau