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| **Radiocommunication Bureau (BR)** |
| Addendum 6 to Circular Letter**5/LCCE/59** | 6 March 2020 |
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| **To Administrations of Member States of the ITU, Radiocommunication Sector Members,ITU-R Associates participating in the work of Radiocommunication Study Group 5and ITU Academia** |
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| Subject: | **Completion of Step 4 of the IMT-2020 process for the evaluation of IMT-2020 candidate technology submissions**  |
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# 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 in Circular Letter [5/LCCE/59](http://www.itu.int/md/R00-SG05-CIR-0059/en) 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](https://www.itu.int/md/R15-IMT.2020-C-0002/en)(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](https://www.itu.int/pub/R-REP-M.2410-2017) *– Minimum requirements related to technical performance for IMT‑2020 radio interface(s)* and revision to Document IMT-2020/2(Rev.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](https://www.itu.int/pub/R-REP-M.2411-2017) *– Requirements, evaluation criteria and submission templates for the development of IMT‑2020* andITU-R [M.2412](https://www.itu.int/pub/R-REP-M.2412-2017) – *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.

On 18 December 2019, Addendum 5 to the Circular Letter provided further information on the successful closure of Step 3 for all IMT-2020 candidate technology submissions.

Addendum 6 of the Circular Letter provides further information on the completion of Step 4 of IMT‑2020 process and announces the availability of the final evaluation reports from registered IEGs as well as a consolidated summary. Under the planned schedule, the final decisions on which candidate technology submissions will be accepted for inclusion in the standardization phase under Step 8 of the IMT-2020 process will be completed at WP 5D Meeting #35 in June 2020, based on the candidate technology submissions progressing through Steps 4, 5, 6 and 7 of the process.

# 2 Completion of Step 4 of the IMT-2020 process

Working Party 5D, following the guidelines of the IMT-2020 process, has received the final evaluation reports from IEGs.

Document [IMT-2020/38](https://www.itu.int/md/R15-IMT.2020-C-0038/en) is the consolidated summary of the thirteen Independent Evaluation Groups reports, that was completed at the WP 5D meeting #34. Table 1 from Document IMT‑2020/38 included as an attachment provides an index of the documents related to the evaluation reports.

For convenience, the submitted evaluation reports are posted as a series of IMT-2020 documents on the webpage of “[Web page for IMT‑2020 submission and evaluation process](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5d/imt-2020/Pages/submission-eval.aspx)”.

# 3 Future plans of the process

In accordance with Resolution ITU-R 65, the relevant ITU Recommendations and ITU Reports for the development of IMT-2020, and to assist further activities, the following are announced:

Under the IMT-2020 process, ITU-R will finish the review and coordination of outside evaluation activities in Step 5, conclude a review to assess compliance with minimum requirements in Step 6, complete consultation on the evaluation results and consensus building and render a decision in Step 7 on those technologies that should move forward into Step 8.

Report ITU-R M.[IMT-2020.OUTCOME], currently in preparation, will be finalised during ITU-R WP 5D meeting #35, documenting the decision agreed in Step 7.

Step 8 is planned for first stage completion in October 2020 at ITU-R WP 5D meeting #36 and final completion at ITU-R WP 5D meeting #36*bis* in November 2020, where it will then be submitted to ITU-R Study Group 5.

# 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 IMT-2020 process will be announced in Addenda to this Circular Letter, and related information will be updated dynamically on the “[Web page for IMT-2020 submission and evaluation process](http://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5d/imt-2020/Pages/submission-eval.aspx)” and “[IMT-2020 documents](https://www.itu.int/md/R15-IMT.2020-C)”. Consequently, Members and Sector members interested in the IMT-2020 development process are kindly requested to periodically check the website.

Mario Maniewicz
Director

Table 1

Index of Documents related to IEG Final Evaluation Reports for the
Candidate Technology Submissions of IMT-2020 under Step 4

| [**IMT-2020/38**](https://www.itu.int/md/R15-IMT.2020-C-0038/en) | **Summary of Step 4 of the IMT-2020 Process for Evaluation of IMT‑2020 Candidate Technology Submissions** |
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| Registered Independent Evaluation Group | Summary of IEG Evaluation Results | Based on or References IEG Contributions Docs. 5D/ | Evaluation Reports History Documents |
| [**5G India Forum**](https://www.itu.int/oth/R0A06000083/en) | [**IMT-2020/39**](https://www.itu.int/md/R15-IMT.2020-C-0039/en) | *Interim Report Only* ***5D/27*** *(3GPP RIT)*  | [**IMT-2020/11(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0011/en) |
| [**5G Infrastructure Association**](https://www.itu.int/oth/R0A0600006E/en) | [**IMT-2020/40**](https://www.itu.int/md/R15-IMT.2020-C-0040/en) | **5D/50** (3GPP)**5D/51** (DECT)**5D/52** (Nufront)**5D/53** (TSDSI) | [**IMT-2020/33(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0033/en) |
| **Africa Evaluation Group** | [**IMT-2020/41**](https://www.itu.int/md/R15-IMT.2020-C-0041/en) | **5D/123** (DECT)**5D/124** (TSDSI)**5D/125** (Nufront) | [**IMT-2020/34(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0034/en) |
| [**ATIS WTSC IMT-2020**](https://www.itu.int/oth/R0A0600006F/en)  | [**IMT-2020/42**](https://www.itu.int/md/R15-IMT.2020-C-0042/en) | **5D/54** (document map)**5D/55** (3GPP RIT/SRIT- technical details document)**5D/56** (3GPP SRIT)**5D/57** (3GPP RIT)**5D/58** (China)**5D/59** (Korea)**5D/60** (DECT)**5D/61** (TSDSI) | [**IMT-2020/29(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0029/en) |
| **Beijing National Research Center for Information Science and Technology (Bnrist EG)**  | [**IMT-2020/43**](https://www.itu.int/md/R15-IMT.2020-C-0043/en) | **5D/67** (Nufront) | [**IMT-2020/35**](https://www.itu.int/md/R15-IMT.2020-C-0035/en) |
| [**Canadian Evaluation Group**](https://www.itu.int/oth/R0A06000072/en) | [**IMT-2020/44**](https://www.itu.int/md/R15-IMT.2020-C-0044/en) | **5D/90** (Various) | [**IMT-2020/30(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0030/en) |
| **ChEG Chinese Evaluation Group**  | [**IMT-2020/45**](https://www.itu.int/md/R15-IMT.2020-C-0045/en) | **5D/69** (Various) | [**IMT-2020/10(Rev.2)**](https://www.itu.int/md/R15-IMT.2020-C-0010/en) |
| **Chinese Industry and Research Alliance of Telecommunications (CIRAT)** | [**IMT-2020/46**](https://www.itu.int/md/R15-IMT.2020-C-0046/en) | **5D/129** (Nufront) | [**IMT-2020/36**](https://www.itu.int/md/R15-IMT.2020-C-0036/en) |
| [**Telecom Centres of Excellence, India**](https://www.itu.int/oth/R0A06000075/en)  | [**IMT-2020 47**](https://www.itu.int/md/R15-IMT.2020-C-0047/en) | **5D/121** (3GPP)**5D/122** (TSDSI) | [**IMT-2020/9(Rev.2)**](https://www.itu.int/md/R15-IMT.2020-C-0009/en) |
| [**The Fifth Generation Mobile Communications Promotion Forum, Japan**](https://www.itu.int/oth/R0A06000076/en) | [**IMT-2020/48**](https://www.itu.int/md/R15-IMT.2020-C-0048/en) | **5D/95** (3GPP RIT)**5D/96** (3GPP SRIT)**5D/97** (Nufront) | [**IMT-2020/32(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0032/en) |
| [**Trans-Pacific Evaluation Group**](https://www.itu.int/oth/R0A06000079/en) | [**IMT-2020/49**](https://www.itu.int/md/R15-IMT.2020-C-0049/en) | **5D/94** (3GPP RIT & SRIT) | [**IMT-2020/8(Rev.2)**](https://www.itu.int/md/R15-IMT.2020-C-0008/en) |
| [**TTA 5G Technology Evaluation Special Project Group**](https://www.itu.int/oth/R0A0600007D/en) | [**IMT-2020/50**](https://www.itu.int/md/R15-IMT.2020-C-0050/en) | **5D/49** (3GPP RIT) | [**IMT-2020/31(Rev.1)**](https://www.itu.int/md/R15-IMT.2020-C-0031/en) |
| [**Wireless World Research Forum**](https://www.itu.int/oth/R0A06000073/en) | [**IMT-2020/51**](https://www.itu.int/md/R15-IMT.2020-C-0051/en) | **5D/120** (Nufront & TSDSI) | [**IMT-2020/37**](https://www.itu.int/md/R15-IMT.2020-C-0037/en) |

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