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| **Radiocommunication Study Groups** |  |
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| Received: 3 December 2019 | **Document 5D/18-E** |
| **3 December 2019** |
| **English only**  **TECHNOLOGY ASPECTS** |
| China (People’s Republic of) | |
| CONSIDERATIONS for ADDENDUM 5 to Circular Letter 5/LCCE/59 | |
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# 1 Introduction

At the 32nd meeting of Working Party 5D (WP 5D) held in Búzios, it was agreed that the further development of Addendum to Circular Letter 5/LCCE/59, based on the discussion results in SWG Coordination meeting. SWG Circular developed Addendum 4 of Circular Letter [5/LCCE/59](https://www.itu.int/md/R00-SG05-CIR-0059/en). A liaison statement to External Organizations engaged in IMT-2020 work was also agreed and dispatched to similarly inform them of the information in the Circular Letter.

WP 5D decided that Working Group General Aspects are not in session at WP 5D Meeting # 33 (Doc. [5D/1297](https://www.itu.int/md/R15-WP5D-C-1297/en), Section 7).

It was planned in 34th meeting that the working document towards the draft liaison statement of Circular Letter would be finalized together with new Addendum 4 that was drafted by SWG Circular based on the discussion in SWG Coordination.

# 2 Consideration

* In the 33rd meeting of WP 5D, the submissions of ETSI/DECT, EUHT and TSDSI would be decided whether complete or not.
* WP 5D # 34 meeting is the meeting receiving for the final evaluation report provided by Independent Evaluation Groups. Report ITU-R M.[IMT-2020.OUTCOME] from SWG Evaluation will capture the results of evaluation by IEG.
* The other information as preliminary consensus building from SWG Coordination at the 34th meeting of WP 5D that is useful for the follow up process. In this case, these information could be captured in this new Addendum 5.

# 3 Proposal

Based on the above considerations, China proposes that the proponents are encouraged to consider the potential updated content. It is very helpful for WP 5D to finalize the draft Add.5 at WP 5D 34th meeting.

A draft of the working document towards Addendum 5 to Circular Letter 5/LCCE/59 is provided in Attachment 1. The yellow highlight of Editor’s note is used to remind that the contents in Circular letter could be considered to update in the 34th meeting of WP 5D.

China kindly asks WP 5D to take into account the above proposal and the draft for the work towards the Addendum 5 to the Circular Letter 5/LCCE/59.

**Attachment:** 1

Attachment

Source: Document [5/LCCE/59](https://www.itu.int/md/R00-SG05-CIR-0059/en)

**Working document towards Addendum 5 to Circular Letter 5/LCCE/59**

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| **Radiocommunication Bureau (BR)** | |
| Addendum 5 to Circular Letter  **5/LCCE/59** | [xx] February 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 5 and ITU Academia** | |
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| Subject: | **Acknowledgement of IMT-2020 proposals, the availability of Report ITU-R M.[IMT‑2020.OUTCOME] and future plans** |
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| *[Editor’s note] The yellow highlighted parts will be updated at the 34th meeting based on the approved acknowledgement(s) in SWG Coordination.* | |

**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](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) – *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, 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 and* ITU-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, and Evaluation Group discussion area.

Addendum 5 further announces the acknowledgement of the proposed candidate technologies for IMT-2020 that has/have successfully completed Steps 3 of the IMT-2020 process. It also announces the availability of Report ITU-R M.[IMT-2020.OUTCOME].

**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 following submissions are “complete” considering Section 5 of Report ITU-R M.2411:

– [IMT-2020/13](https://www.itu.int/md/R15-IMT.2020-C-0013/en) − Acknowledgement of candidate SRIT submission from Proponent 3GPP[[1]](#footnote-1) under Step 3 of the IMT-2020 process

– [IMT-2020/14](https://www.itu.int/md/R15-IMT.2020-C-0014/en) − Acknowledgement of candidate RIT submission from Proponent 3GPP1 under Step 3 of the IMT-2020 process

– [IMT-2020/15](https://www.itu.int/md/R15-IMT.2020-C-0015/en) − Acknowledgement of candidate RIT submission from Proponent China under Step 3 of the IMT-2020 process

– [IMT-2020/16](https://www.itu.int/md/R15-IMT.2020-C-0016/en) − 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” considering Section 5 of Report ITU-R M.2411:*

*–* [*IMT-2020/xx*](https://www.itu.int/md/R15-IMT.2020-C-0017/en) *− Acknowledgement of candidate submission from Proponents xx under Step 3 of the IMT-2020 process]*

*[Editor’s note: The above statements will be aligned with the conclusion of SWG Coordination.]*

For convenience, these submitted proposals are also posted 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 Completion of Steps 4 of the IMT-2020 process***

*Report ITU-R M.[IMT-2020.OUTCOME] is the record of the work performed after receipt of the proposals for IMT‑2020 candidate radio interface technologies, including the summary of submissions and the results of evaluation. This document contains the outcome of Steps 4 of the IMT‑2020 process, as outlined in Document* *IMT-2020/2.*

*For convenience, these submitted evaluation reports are posted 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)*”.]*

***[4 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 evaluation activities, the following are announced:*

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

**5 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, 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 including evaluation activities are kindly requested to periodically check the website.

Mario Maniewicz  
Director

**Distribution:**

– Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of  
Radiocommunication Study Group 5

– ITU-R Associates participating in the work of Radiocommunication Study Group 5

– ITU Academia

– Chairman and Vice-Chairmen of Radiocommunication Study Group 5

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

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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>). [↑](#footnote-ref-1)