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| **Radiocommunication Study Groups** |  |
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| **English only  TECHNOLOGY ASPECTS** |
| China (People’s Republic of) | |
| Updated information of China development towards  IMT-2020 Submission | |
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# 1 **Introduction**

At its 29th meeting of Working Party (WP) 5D, China submitted in Document [5D/838](https://www.itu.int/md/R15-WP5D-C-0838/en) the initial characteristics template of the candidate technology for the terrestrial components of IMT-2020.

The initial characteristics template was based on 3GPP development, and includes the key characteristics description according to the progress in 3GPP at that time. The provided template description reflects the development of the major component, and does not preclude other component(s) that might be included in later update.

In this document, the updated information of China development towards IMT-2020 submission is provided.

# 2 Updated information

To complete the submission under Step 3 of the IMT-2020 process as defined in Document [IMT‑2020/2(Rev.1)](https://www.itu.int/md/R15-IMT.2020-C-0002/en), China is preparing the self-evaluation report, the complete set of submission template (including the updated characteristics template that captures new progress compared to the one provided in Document [5D/838](https://www.itu.int/md/R15-WP5D-C-0838/en), link budget template, and compliance template), and compliance with IPR policy.

The technical development of the candidate technology for the terrestrial components of IMT-2020 of China is undergoing, and China’s development and outcomes of the research of the candidate radio technologies are contributed from the members of IMT-2020 (5G) Promotion Group to 3GPP. In this context, China development is aligned with the on-going 3GPP development. According to 3GPP schedule, 3GPP Rel-15 will complete in June 2018.

The self-evaluation is also under preparation. The technical parameters and configuration parameters that applied to the candidate radio interface technology are under investigation. The detailed evaluation methodology for the technical performance requirements are under development. The outcome of these studies are also contributed to 3GPP from the members of IMT‑2020 (5G) Promotion Group. The initial evaluation parameters for eMBB are captured in Section 2 of 3GPP documents [R1-1803386](http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_92/Docs/R1-1803386.zip) and [R1-1805644](http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_92b/Docs/R1-1805644.zip), respectively. And the detailed evaluation method for mobility is captured in Section 2 of 3GPP document [R1-1805643](http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_92b/Docs/R1-1805643.zip). China will conduct the self-evaluation accordingly.

# 3 **Conclusion**

China kindly invites WP 5D to view the above information, and take them into account in Document IMT-2020/5.

China will provide the latest information related to the development of candidate radio interface technology of IMT-2020 in a timely manner.

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