

RESOLUTION ITU-R 56-3

Naming for International Mobile Telecommunications

(2007-2012-2015-2023)

The ITU Radiocommunication Assembly,

considering

- a)* that International Mobile Telecommunications-2000 (IMT-2000) systems started service around the year 2000, and since then IMT-2000 has been continually enhanced;
- b)* that IMT-Advanced systems were developed to provide additional capabilities that go beyond those of IMT-2000, as described in Recommendation ITU-R M.1645;
- c)* that IMT-Advanced systems started service around the year 2013, and since then IMT-Advanced has been continually enhanced;
- d)* that IMT-2020 systems were developed to provide additional capabilities that go beyond those of IMT-Advanced, as described in Recommendation ITU-R M.2083;
- e)* that IMT-2020 systems have been continually enhanced since their initial deployment;
- f)* that in order to address evolving user needs, ITU-R is currently working on the future development of “IMT for 2030 and beyond” (IMT-2030),

recognizing

- a)* that ITU is the internationally recognized entity that has sole responsibility to define and to recommend the standards and frequency arrangements for IMT systems, with the collaboration of other organizations such as standards development organizations, universities, industry organizations and with partnership projects, forums, consortia and research collaborations;
- b)* that ITU works globally in accordance with Resolution ITU-R 9 to create a unified wireless mobile communications future;
- c)* that ITU may specify its processes and principles for the development of IMT systems;
- d)* that Recommendations ITU-R M.1457, ITU-R M.2012 and ITU-R M.2150 are three separate, independent and self-contained Recommendations, each one with a specific scope, and that these three Recommendations will evolve independently and there could be some overlap reflected by commonality in content among the three documents;
- e)* that the same perspective as indicated in *recognizing d)* may also apply in the future with regard to the Recommendations and Reports related to development of the radio interfaces of IMT-2030;
- f)* that there is a need for a single name to encompass all IMT systems and their further development, collectively;

- g)* that, for IMT-2000:
- the existing term IMT-2000 continues to be relevant and should continue to be utilized;
 - Recommendation ITU-R M.687 defines the objectives for IMT-2000 and subsequently Recommendation ITU-R M.1645 defines the framework and overall objectives of the future development of IMT-2000;
 - the detailed specifications of the terrestrial radio interfaces of IMT-2000 are defined in Recommendation ITU-R M.1457, and revisions of this Recommendation should also define the future development of the terrestrial radio interfaces of IMT-2000;
 - the detailed specifications of the radio interfaces for the satellite component of IMT-2000 are defined in Recommendation ITU-R M.1850, and revisions of this Recommendation should also define the future development of the satellite component of IMT-2000;
 - the procedures and processes based on Resolution ITU-R 57 have been successfully applied to the ongoing development of terrestrial IMT-2000 from 2013, and continue to be utilized for the future development of IMT-2000 when revising Recommendation ITU-R M.1457;
- h)* that, for IMT-Advanced:
- the existing term IMT-Advanced continues to be relevant and should continue to be utilized;
 - Recommendation ITU-R M.1645 defines the framework and overall objectives of the development of systems beyond IMT-2000 (i.e. IMT-Advanced);
 - the detailed specifications of the terrestrial radio interfaces of IMT-Advanced are defined in Recommendation ITU-R M.2012, and revisions of this Recommendation or new Recommendations should also define the future development of the terrestrial radio interfaces of IMT-Advanced;
 - the detailed specifications of the satellite radio interfaces of IMT-Advanced are defined in Recommendation ITU-R M.2047, and revisions of this Recommendation should also define the future development of the satellite radio interfaces of IMT-Advanced;
 - the procedures and processes developed for IMT-Advanced based on Resolution ITU-R 57 are in place and continue to be utilized for the future development of IMT-Advanced when revising Recommendation ITU-R M.2012;
 - the enhancements and further developments of IMT-2000 that fulfil the criteria defined by ITU-R for IMT-Advanced could also be part of IMT-Advanced;
- i)* that, for IMT-2020:
- the existing term IMT-2020 continues to be relevant and should continue to be utilized;
 - the framework and overall objectives for the future development of “IMT for 2020 and beyond” are described in Recommendation ITU-R M.2083;

- the detailed specifications of the terrestrial radio interfaces of IMT-2020 are defined in Recommendation ITU-R M.2150, and revisions of this ITU-R Recommendation or new ITU-R Recommendations should also define the future development of the terrestrial radio interfaces of IMT-2020;
 - the procedures and processes in Resolution ITU-R 65 continue to apply for the future development of IMT-2020 when revising Recommendation ITU-R M.2150;
 - the enhancements and further developments of IMT-2000 or IMT-Advanced that fulfil the criteria defined by ITU-R for development of IMT-2020 could also be part of IMT-2020;
- j)* that, for IMT-2030:
- the framework and overall objectives for the future development of “IMT for 2030 and beyond” are described in Recommendation ITU-R M.2160;
 - the procedures and processes in Resolution ITU-R 65 apply;
 - the ITU-R Recommendations and Reports related to the development of radio interfaces for IMT-2030 should take into consideration the framework established by Recommendation ITU-R M.2160 and by additional ITU-R Recommendations and Reports addressing the further development of IMT;
 - the enhancements and further developments of IMT-2000, IMT-Advanced or IMT-2020 that fulfil the criteria defined by ITU-R for development of IMT-2030 could also be part of IMT-2030,

resolves

- 1 that the term “IMT-2000” encompasses also the enhancements and future developments of IMT-2000, and that *recognizing g)* applies;
- 2 that the term “IMT-Advanced” encompasses also the enhancements and future developments of IMT-Advanced, and that *recognizing h)* applies;
- 3 that the term “IMT-2020” encompasses also the enhancements and future developments of IMT-2020, and that *recognizing i)* applies;
- 4 that the term “IMT-2030” be applied to those systems, system components and related aspects that include radio interface(s) which support(s) the additional capabilities of systems beyond IMT-2000, IMT-Advanced and IMT-2020, and that *recognizing j)* applies;
- 5 that the term “IMT” be the name that collectively applies to “IMT-2000”, “IMT-Advanced”, “IMT-2020” and “IMT-2030”.