

# INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau

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Circular Letter  
8/LCCE/153

14 February 2007

## To Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 8

**Subject: Announcement of the submission of a candidate radio interface technology for consideration for inclusion as the sixth IMT-2000 terrestrial radio interface in Recommendation ITU-R M.1457**

At the 21<sup>st</sup> meeting of ITU-R Working Party 8F, the Institute of Electrical and Electronics Engineers, (IEEE), in conjunction with the WiMAX Forum, submitted a proposed new IMT-2000 terrestrial radio interface intended for inclusion in Recommendation ITU-R M.1457. Document 8F/1065 (from IEEE) and Documents 8F/1075 and 8F/1079(Rev.1) (from the WiMAX Forum) comprise the submission of the proposed new radio interface for IMT-2000 referred to by the proponents as “IP-OFDMA”<sup>1</sup>. These and other documents specifically related to the “IP-OFDMA” submission activities can be found on the specially established web page available as a link from the ITU-R Working Party 8F (WP 8F) web site. The title of this web page is “*Proposed Sixth Terrestrial Radio Interface for IMT-2000 in Rec. ITU-R M.1457*”

(<http://www.itu.int/ITU-R/index.asp?category=study-groups&link=ip-ofdma&lang=en>).

Circular Letter 8/LCCE/95, dated 28 March 2001, addresses the update procedure, including the addition of new radio interfaces, for revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000).

The candidacy of the “IP-OFDMA” technology was considered and reviewed at the 21<sup>st</sup> meeting of ITU-R WP 8F from 17 to 25 January 2007, in Yaoundé, Cameroon. Following the provisions of §5 and §7.2 - §9.2 of Circular Letter 8/LCCE/95 and its references to certain aspects of Circular Letter 8/LCCE/47, dated 4 April 1997 (which includes the discussion of the evaluation of the proposed new radio interface, the assessment of harmonization and the desire for consensus building), ITU-R WP 8F developed a timeline for the further work.

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<sup>1</sup> “IP-OFDMA” is the name used by the proponents as taken by reference from the submission, not concluding on the naming of the possible new radio interface. The name of the possible new radio interface in Recommendation ITU-R M.1457 will have to be agreed in the future by ITU-R WP8F.

According to the terminology adopted in Circular Letter 8/LCCE/95, the 21<sup>st</sup> meeting of WP 8F is “meeting x”. Hence, the 22<sup>nd</sup> meeting of WP 8F (23 to 31 May 2007) will be the “meeting x+1”.

The official contribution deadline for the 22<sup>nd</sup> meeting of WP 8F has been previously established as 16:00 hours UTC on 16 May 2007. However, in order to facilitate advance review and preparation for the meeting, contributions of evaluation results related to the “IP-OFDMA” submission are kindly requested to be made on or before 8 May 2007.

In order to facilitate the consideration of the “IP-OFDMA” technology in an expeditious manner, the ITU-R membership and relevant other organizations under the auspices of Resolution ITU-R 9-2<sup>2</sup> are encouraged to participate in the activities related to the candidacy of this technology for inclusion in Recommendation ITU-R M.1457.

Collaboration with other organizations is provided for in Circular Letter 8/LCCE/95 and in its reference to Circular Letter 8/LCCE/47; interaction with organizations outside the ITU-R, particularly in the context of evaluation, is a key element of the process for new radio interface proposals. Qualified other organizations under Resolution ITU-R 9-2, relevant to Recommendation ITU-R M.1457 and the submission of “IP-OFDMA” under consideration and intending to participate in the process established by Circular Letter 8/LCCE/95, are encouraged to inform the ITU Radiocommunication Bureau<sup>3</sup> as soon as possible and preferably by 2 March 2007. It is requested that the composition of the evaluation group and contact information be provided. This information will be placed on the WP 8F web site and will provide the pertinent details of the self-identified evaluation groups along with the official contact details for each respective evaluation group and any associated web links.

To facilitate work needed between regular Working Party 8F meetings, including any potential joint industry meetings of evaluation groups, external organizations may wish to consider acting as the hosting organizations for any such evaluation group meetings. Such meetings should be arranged at mutually convenient times and locations suitable for promoting attendance and furthering the process within Circular Letter 8/LCCE/95. The ITU-R will assist with the announcement of such meetings to be held through the use of the aforementioned web site based on communications from the evaluation groups to the ITU-R designated point of contact.

The proponents of “IP-OFDMA” have invited evaluation groups to a workshop on “IP-OFDMA” in mid March, the details of which are provided on the ITU-R web site mentioned above.

Further, those interested in participating in the process of the consideration of the “IP-OFDMA” technology as the 6<sup>th</sup> terrestrial radio interface of IMT-2000 should monitor the designated ITU-R web site. Evaluation information related to the “IP-OFDMA” submission will continue to be added to the web site as it becomes available.

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<sup>2</sup> From Resolution ITU-R 9-2: “For the purpose of interaction with the ITU-R, other organizations are those that are directly relevant to the work of the SGs and having acknowledged competency in the area of the work. Other organizations may include, but are not limited to, entities such as standard development organizations, partnership projects, forums, consortia, research collaborations, universities, and industry organizations.

<sup>3</sup> Radiocommunication Bureau contact: Colin Langtry, ITU-R SG8 Counsellor (colin.langtry@itu.int).

The 22<sup>nd</sup> meeting of WP 8F is announced in Circular Letter 8/LCCE/152.

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