Project	**IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>**
Title	**Proposed Contribution to ITU-R WP 5D on "IMT-2000 ROADMAP UPDATE FOR OFDMA TDD WMAN"**
Date Submitted	**2007-11-09**
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Re:	
Abstract	Proposed Contribution to ITU-R WP 5D on "IMT-2000 ROADMAP UPDATE FOR OFDMA TDD WMAN"
Purpose	With the approval of ITU-R Rec M.1457-7, the new radio interface IMT-2000 OFDMA TDD WMAN is now included in IMT-2000. This radio interface is based on IEEE Std 802.16. Per the IMT-2000 procedures, it is appropriate to contribute toward the development of the OFDMA TDD WMAN portion of the IMT-2000 roadmap. This contribution proposes the content of a new section of the roadmap.
Notice	*This document does not represent the agreed views of the IEEE 802.16 Working Group or any of its subgroups.* It represents only the views of the participants listed in the "Source(s)" field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.
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Patent Policy	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: <http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and <http://standards.ieee.org/guides/opman/sect6.html#6.3>. Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and <http://standards.ieee.org/board/pat>.

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Institute of Electrical and Electronics Engineers (IEEE)

IMT-2000 ROADMAP UPDATE FOR OFDMA TDD WMAN

1   Introduction

This contribution was developed by IEEE Project 802, the Local and Metropolitan Area Network Standards Committee ("IEEE 802"), an international standards development committee organized under the IEEE and the IEEE Standards Association ("IEEE-SA").

The content herein was prepared by a group of technical experts in IEEE 802 and industry and was approved for submission by the IEEE 802.16 Working Group on Wireless Metropolitan Area Networks, the IEEE 802.18 Radio Regulatory Technical Advisory Group, and the IEEE 802 Executive Committee, in accordance with the IEEE 802 policies and procedures, and represents the view of IEEE 802.

2   Discussion

In accordance with Circular Letter 8/LCCE/95, please find the attached material for a proposed update to the IMT-2000 Roadmap contained in Attachment 6.6 of the WP 8F Chairman's Report 8F/1322. This material is for consideration during the meeting of WP 5D in January-February 2008.

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Roadmap for current work relevant to future updates of Recommendation ITU-R M.1457

Add the following new section to the Roadmap:

6   IMT-2000 OFDMA TDD WMAN

The following amendment to IEEE Std 802.16 was approved as an IEEE Standard on 27 September 2007:

* IEEE Std 802.16g: IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Amendment 3: Management Plane Procedures and Services

The IEEE 802.16 Working Group is developing the following projects as draft amendments to IEEE Std 802.16:

* P802.16h: Amendment to IEEE Standard for Local and Metropolitan Area Networks – Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Improved Coexistence Mechanisms for License-Exempt Operation

* P802.16i: Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks – Part 16: Air Interface for Broadband Wireless Access Systems – Mobile Management Information Base

* P802.16j: Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks – Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Multihop Relay Specification

* P802.16m: Draft IEEE Standard for Local and metropolitan area networks – Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Advanced Air Interface

The IEEE 802.16 Working Group is developing the following project as a draft revision of IEEE Std 802.16:

* P802.16 (Revision): Draft IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Broadband Wireless Access Systems

This revision project will incorporate the material from IEEE Std 802.16-2004, IEEE 802.16e-2005, IEEE 802.16f-2005, and IEEE 802.16g-2007. Material from the P802.16i draft may also be included. The project will update the existing material regarding the air interface for both the TDD and FDD cases.

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