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TECHNOLOGY

## Institute of Electrical and Electronics Engineers (IEEE)

### UPDATE OF SUBCLAUSE 5.6 OF REC. ITU-R M.1457

#### 1 Source information

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 Background

This contribution responds to the "Liaison statement to external organizations on the schedule for updating recommendation ITU-R M.1457 to Revision 9" (5D/TEMP/34-E, 1 February 2008).

IEEE welcomes the development of Revision 9 and encourages its completion in early 2009 so that revision beyond Revision 8 will continue on an annual basis.

This contribution contains an initial submission of updated material on Subclause 5.6 toward Revision 9. The content is in accordance with IEEE's earlier contribution 5D/6 ("IMT-2000 Roadmap update for OFDMA TDD WMAN"), which was incorporated into the IMT-2000 Roadmap at the January 2008 meeting of WP 5D.

#### 3 Notification

IEEE intends to submit updated material regarding Subclause 5.6 toward Revision 9 according to the tentative schedule. In particular, in accordance with 8/LCCE/95, IEEE intends to submit technical information at the next meeting of ITU-R WP 5D and at future meetings as appropriate. IEEE anticipates providing the following material as needed:

- Modifications to Section 5.6.1 and 5.6.2
- Modifications to the GCS
- Summary and rationale of the proposed update
- Self-evaluation of the proposed update against the evaluation criteria
- Self-declaration that the proposed amendments are self-consistent.

The material to be proposed by IEEE for this update may be based on a new Revision of IEEE Std 802.16 that is currently under development. 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. The project will update the existing material regarding the air interface for both the TDD and FDD cases.

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