

## ETSI BRAN Up-date

### Document Number:

IEEE L802.16-04/34

Date Submitted: 2004-11-15

### Source:

Mariana Goldhamer

Liaison Officer to ETSI BRAN

ALVARION

21a HaBarzel Street, Tel Aviv, Israel

Voice: +972 3 645 6241

[marianna.goldhammer@alvarion.com](mailto:marianna.goldhammer@alvarion.com)

### Venue:

Meeting 34, 15-18 November, 2004

### Base Document:

### Purpose:

HiperMAN Update

### Notice:

This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

### Release:

The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.

### IEEE 802.16 Patent Policy:

The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <<http://ieee802.org/16/ipr/patents/policy.html>>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <<mailto:chair@wirelessman.org>> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <<http://ieee802.org/16/ipr/patents/notices>>.

# ETSI HiperMAN and BRAN Up-date

*Mariana Goldhamer*

*IEEE 802.16 Liaison Officer to ETSI BRAN*

Alvarion

# HiperMAN Harmonization with IEEE 802.16-2004

- Work during September meeting
  - PHY – Rapporteur Gordon Antonello, Wi-LAN
    - Small changes only
  - DLC – Rapporteur Radu Selea, Redline
    - Part of sub-chapters taken by reference
  - Profiles – Rapporteur Gordon Antonello, Wi-LAN
    - 10MHz added
- All drafts were approved by AbC procedures
  - PHY: <http://docbox.etsi.org/bran/bran/Docfile/BRAN39/BRAN39d024.doc>
  - DLC: <http://docbox.etsi.org/bran/bran/Docfile/BRAN39/BRAN39d026.zip>
  - Profiles: <http://docbox.etsi.org/bran/bran/Docfile/BRAN39/BRAN39d025.doc>

# Testing and MIBs

- Testing
  - PICS and TSS&TP to be finalized, according to the approved HM standards
- MIBs
  - No work last meeting (Rapporteur ill)

# Converged Fixed-Nomadic System Reference Document

- New Work Item (approved) in BRAN-RCWG
- Scope:
  - Novelty and market impact of a fixed-nomadic system
  - Technical and functional system description
  - Intra-system interference scenarios between fixed and nomadic users, using directional and omni antennae respectively
  - Propose target frequencies for sharing studies
  - Propose innovative approaches for interference mitigation with other spectrum users
- Main target frequencies: 3.4-3.8GHz