

# LE Task Group Report - Session #42

Document Number: IEEE 802.16h-06/008

Date Submitted: March 9, 2006

Source:

Chair of LE TG: Mariana Goldhamer  
ALVARION  
21a HaBarzel Street, Tel Aviv, Israel

Voice:+972 3 645 6241

[mariana.goldhamer@alvarion.com](mailto:mariana.goldhamer@alvarion.com)

Venue:

Session #42, March 6-9, 2006

Base Document:

Purpose:

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# IEEE 802.16 LE TG activity

- Approved the minutes from Session #41
- 15 contributions
- Agreement was reached on controversial issues
- Significant improvements
- Decisions taken for:
  - Updating the working document, based on accepted text
- Presentation on the WD main concepts
  - Attended also by 802.18 members

# Areas of improvements - 1

- Enhancements to reporting structures for specific spectrum users
- Co-existence Zone (CXZ) for OFDMA PHY and its usage for master sub-frames
- Signaling using the energy keying in the frequency domain
- Entering the community using coexistence proxy
- ACS and optimization of channel selection based on neighbor negotiation

## Areas of improvements - 2

- Coex Signaling Interval allocation for IBS and OBS
- New MAC Messages Specification for Synchronized IEEE802.16h Systems having a common profile
- IBS Entry Process in Synchronized IEEE 802.16h Systems having a common profile
- New Additions to BS and SS Information Tables used by IEEE 802.16h Systems
- Candidate Channel Determination (Using GPS/UTC Synchronized CMI and Common Profile)

# Discussion about the adoption of the WD as 802.16h D1

- Group feeling:
  - Still contributions to be made
  - Sections missing
  - Need a stronger link between Section 15 and the existing sections of the standard
- Majority opinion:
  - Allow another meeting to fill in the major gaps and avoid superfluous comments
    - Finally may allow to gain time
  - **Prefer to defer this decision for the May meeting**

## Motion

- Authorize the 802.16 Working Group to start a Letter Ballot on P802.16h/D1, in its May meeting, even without a quorum

# Topics to be clarified

- Suggested profiles, including MAC frame sizes
- Acceptable  $S/(N+I)$  for suitable operation
- Frame no. sync between systems
- Missing text for the sections mentioned in Table of Contents
- Missing messaging
- Missing/TBD parameters for messages
- BS-BS communication over the air

# Minutes

- Taken by Paul Piggin
  - To be up-loaded