LE Task Group Report - Session #42

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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