

Wireless Personal Area Network Study Group

ExCom Report #3

Thursday 12, 1998

Agenda

- WPAN Study Group Status
- Motions:
 - **Motion 1** - WG approval of SG Direction
 - **Motion 2** - SG wants extend the WPAN SG from Albuquerque to Austin
 - **Motion 3** - SG Recommends that the WG investigate coexistence with other Wireless Network Systems in the 2.4GHz band
 - **Motion 4** -SG recommends sending PAR to Letter Ballot
- Definition of terms

November 1998

doc.: IEEE 802.11-98/365

WPAN Study Group Background

- Submitted a Motion for a PAR & 5C approval in LaJolla Plenary 7/98
- During the Plenary Our Sponsor postponed our Motion due to lack of detail
- Since LaJolla we have had significant support from 802.11
- During this session we want to report progress and receive comments from 802.11

Submission

Slide 3

Bob Heile, GTE

November 1998

doc.: IEEE 802.11-98/365

Motion 1: On behalf of the SG, I:

- Move to have the 802.11 Working Group endorse the WPAN SG's direction to create an 802.11 MAC *Lite* & corresponding PHY Layer(s) based on **interoperable** derivatives of the 802.11 MAC & **PHY** Layer.
- SG Motion: Nov11, Ian/Ken 9/0/1, Pass
- WG Motion: Nov11, Tim/Bruce 10/17/11 pass

Note: Friendly Amendments are in **red**

Submission

Slide 4

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Motion 2: On behalf of the SG, I:

- Move to extend the timeframe of the Wireless PAN Study Group under 802.11 to **the next Plenary with the goal** of ensuring continuity and to submit the PAR to our Sponsor at its Jan99 Interim Meeting
 - Chair: Dick Braley
 - Vice Chair: Bob Heile
 - Secretary/Tech Editor: Ian Gifford

SG Motion: Nov11, Ian/Jim Z., 11/0/0 pass

WG Motion: Nov11, Ian/BobH. 34/0/1 pass

Note: Friendly Amendments are in **red**

Submission

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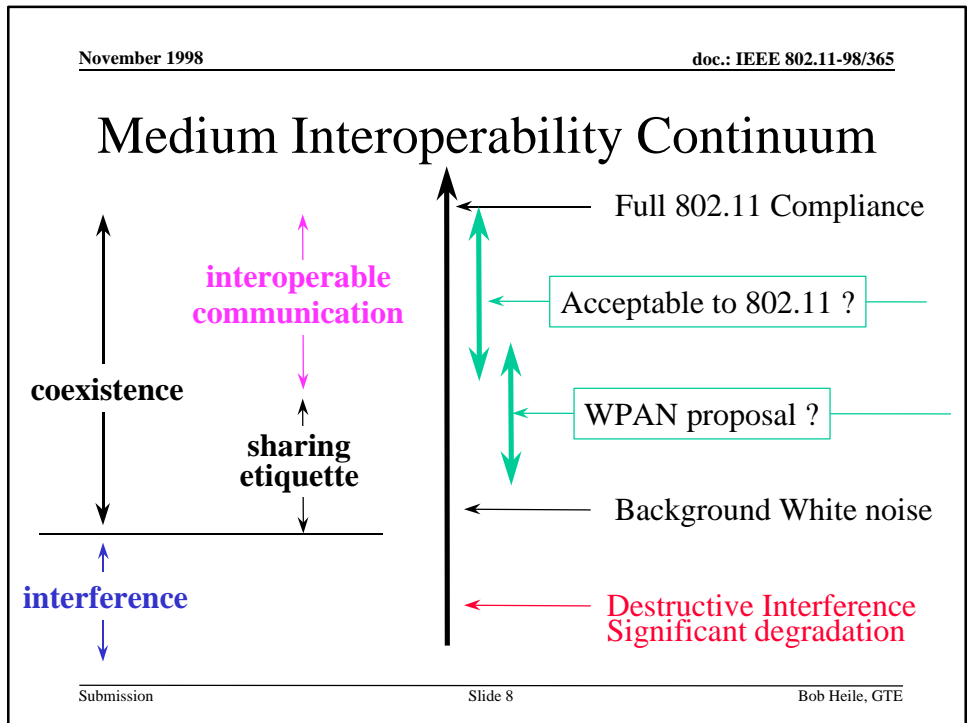
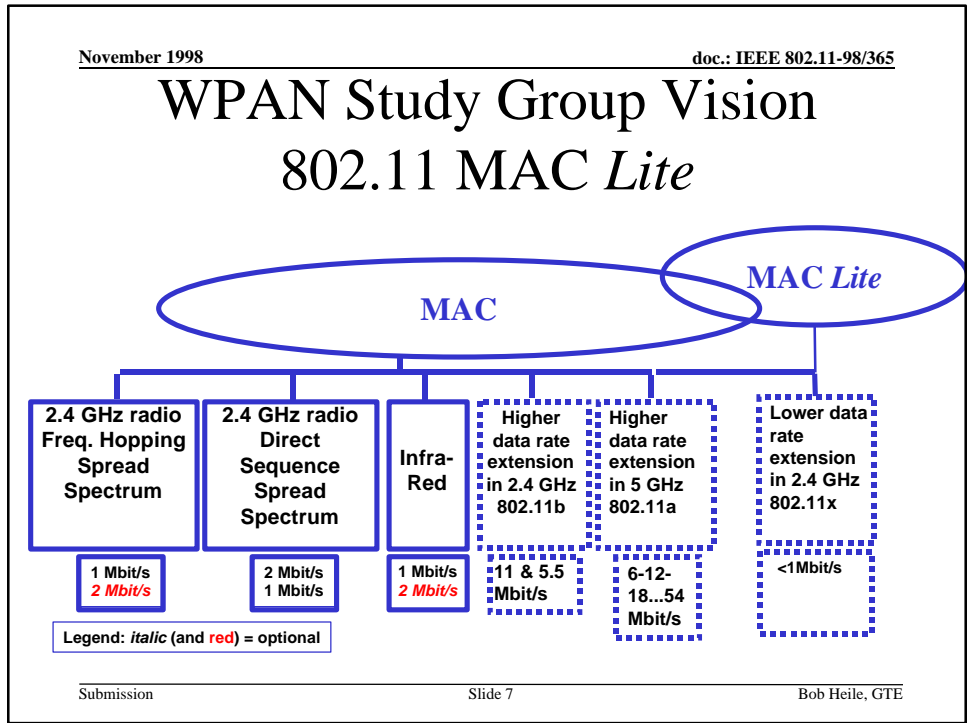
Motion 3: On behalf of the SG, I:

- Move to recommend that the 802.11 Working Group investigate the need for coexistence with other Wireless Networking Systems in the 2.4GHz band
- SG Motion: Nov11 Ian/Jim, 9/1/3
- WG Motion: Nov11, John/Bruce 31/2/5

Submission

Slide 6

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WPAN Interoperability Classes

- Class 4 - Full Compliance to the 802.11 MAC & PHY PICS
- **Class 3 - Compatibility there is a way on the medium to exchange data without an intermediate device**
- Class 2 - Bridge-like (1 MAC/2 PHYs)
- Class 1 - Gateway-like (> 1 MAC)
- Class 0 - Non Interoperable

Submission

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Bob Heile, GTE

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Archive, Mailing List, URLs

- Archives
 - <ftp://ftp.flexipc.com/wearablesgroup/>
 - <http://grouper.ieee.org/groups/802/11/index.html>
- Mailing List
 - stds-802-wpan@majordomo.ieee.org
- Bluetooth Special Interest Group
 - <http://www.bluetooth.com/>
- Home RF Working Group
 - <http://www.homerf.org/>

To add your name to IEEE mailing list please send an e-mail to Ian Gifford giffordi@amp.com

Submission

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Bob Heile, GTE