

# Wireless Personal Area Network Study Group

## Open Session Agenda

# Agenda

- Summary D. Braley
- Background & Charter
- History
- Call For Applications (CFA) B. Kraemer
  - Summary
  - WPAN Attribute Requirements
- 802.11 Derivative T. Blaney
  - MAC Layer
  - PHY Layer
- Next Steps

November 1998

doc.: IEEE 802.11-98/361

## 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

Dick Braley, FedEx

November 1998

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## Background (cont.) WPAN SG Charter

- The Wireless PAN Study Group, under 802.11, is the chartered to draft a WPAN PAR for presentation at the next Plenary of 802.

Submission

Slide 4

Dick Braley, FedEx

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## History of “Wearables” Standards

- June, 1997. Cleveland, OH, Request to PASC
- July 16, 1997. Nashua, NH IEEE PASC Plenary Meeting
- December 2, 1997. Cleveland, OH Wearables Ad Hoc Committee Meeting
- January 14-15, 1998. Memphis, TN, Wearables Ad Hoc Committee Meeting
- January 22, 1998 Lynnwood, WA IEEE 802.11 Interim Meeting
- March 9-13, 1998 Irvine, CA IEEE 802 Plenary Meeting (SG formed)
- April 8-9, 1998 Cambridge, MA IEEE 802.11 WPAN SG Meeting
- May 4-8, 1998 Utrecht, NL IEEE 802.11 WPAN SG Meeting
- May 19-21, 1998 Irving, TX IEEE 802.11 WPAN SG Meeting
- July 6-10, 1998 LaJolla, CA 802 Plenary Meeting
- September 14-18, 1998 Westford, MA 802.11 Working Group
- October 26, 1998 Atlanta, GA WPAN Ad Hoc Meeting
- November 9-13, 1998 Albuquerque, NM Plenary Meeting

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## WPAN Study Group Vision 802.11 MAC *Lite*

<b>MAC</b>						<b>MAC <i>Lite</i></b>
<b>2.4 GHz radio Freq. Hopping Spread Spectrum</b>	<b>2.4 GHz radio Direct Sequence Spread Spectrum</b>	<b>Infra- Red</b>	<b>Higher data rate extension in 2.4 GHz 802.11b</b>	<b>Higher data rate extension in 5 GHz 802.11a</b>	<b>Lower data rate extension in 2.4 GHz 802.11x</b>	
<b>1 Mbit/s <i>2 Mbit/s</i></b>	<b>2 Mbit/s 1 Mbit/s</b>	<b>1 Mbit/s <i>2 Mbit/s</i></b>	<b>11 &amp; 5.5 Mbit/s</b>	<b>6-12- 18...54 Mbit/s</b>	<b>&lt;1Mbit/s</b>	

Legend: *italic* (and **red**) = optional

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