Wireless Personal Area Network Study Group

Working Group Report

Wednesday, January 13, 1999

Submission Slide 1 Bob Heile, GTE

Agenda

- Summary of Report
- Summary of Comment Review
- Action Taken
- Next Steps

Submission Slide 2 Bob Heile, GTE

Summary

- The WPAN SG meeting from Monday to Wednesday
- Approved the Albuquerque, NM Minutes - 98/356r3
- Letter Ballot 16 - "Motion 3 passed with 60/14/4 or 81%. WPAN's PAR and 5 Criteria"
- Reviewed and Dispositioned the Comments
- Revised the Five Criteria -98/161r5 and PAR - 98/162r8 for recirculation ballot and submission to ExCom
- Preparing for 802 Plenary in Austin, TX; the SG ends March 12, 1999.

Submission Slide 3 Bob Heile, GTE

Summary of Comment Review

- MOTION: "To submit the contents of documents IEEE 802.11-98/161-r4 and -98/162-r7 to Executive Committee"
- RESULT: "Motion 3 passed with 60/14/4 or 81%. WPAN's PAR and 5 Criteria"

Submission Slide 4 Bob Heile, GTE

Next Steps

- Submit the approved PAR -98/162r7 and revised Five Criteria -98/161r4 to ExCom and
- Submit a revised PAR -98/162r8 and revised Five Criteria -98/161r5 to recirculation WG Letter Ballot

Submission Slide 5 Bob Heile, GTE

"Motion 3 passed with 60/14/4 or 81%. WPAN's PAR and 5 Criteria"

- There were 88 Voting members. 78 submitted their vote. 3 aspirant members submitted their vote too.
- The return ratio is 78/88= 88 %. So the ballot is valid (50 % is required)
- The next step is to resolve all comment.

- 60 Yes
- 14 No
- 4 Abstensia
- 17 Commenters

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Recommendation Sort

NO.	LASTNAME	FIRSTNAME	MOTION 3	RECOMMENDS
1	Chayat	Naftali	Disapprove	Add "…the aim…connectivity costs will be…"
2	Boer	Jan	Disapprove	Add Interoperability
3	Diepstraten	Wim	Disapprove	Add Interoperability
4	Ennis	Greg	Disapprove	Add Interoperability
5	Kawaguchi	Dean M.	Disapprove	Add Interoperability
6	Nee	Richard van	Disapprove	Add Interoperability
7	O'Hara	Bob	Disapprove	Add Interoperability
8	Sanwalka	Anil K.	Disapprove	Add Interoperability
9	Tsoulogiannis	Tom	Disapprove	Add Interoperability
10	Tuch	Bruce	Disapprove	Add Interoperability
11	Hayes	Victor	Disapprove	Add Interoperability, specificity, isochronous
12	Bagby	David	Disapprove	Nothing offered
13	Abramowitz	Jeff	Disapprove	Rewrite
14	Heegard	Chris	Disapprove	Terminate WPAN SG
15	Shoemake	Matthew B.	Disapprove	Terminate WPAN SG
16	Petrick	Al	Approve	Typo
17	Black	Simon	Approve	Verbal Build

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Action 1: SG Agreed to incorporate the minor edits

- Petrick, Al - SG agreed to fix typo in the Five Criteria -98/161r4, abstract paragraph
- Abramowitz, Jeff - SG agreed to add in the Five Criteria -98/161r4 WPAN Application examples, 1.1. Broad Market Potential, a) Broad sets of applicability
- Abramowitz, Jeff - SG agreed to add "Bluetooth Specification" reference, Five Criteria -98/161r4 1.3 Distinct Identity
- Chayat, Naftali - SG agreed to proposed revision on cost target, Five Criteria -98/161r4, 1.1. Broad Market Potential, c) Balanced Costs
- Black, Simon - SG agreed with the proposed revision to have at least a verbal response
- Hayes, Vic - SG agreed to deal with Isochronous Traffic as a QoS issue, PAR -98/162r8, 7. Purpose
- Hayes, Vic - SG agreed to add references to WPAN documents Functional Requirements, CFA Summary, etc.

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Action 2: SG Agreed to add the following to the PAR:

- "State in scope that a level of interoperability sufficient to transfer data between a WPAN device and an 802.11 device will be ***possible***." Tom T.
- "State in scope that a level of interoperability sufficient to transfer data between a WPAN device and an 802.11 device will be ***a goal***." SG

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Medium Interoperability Continuum

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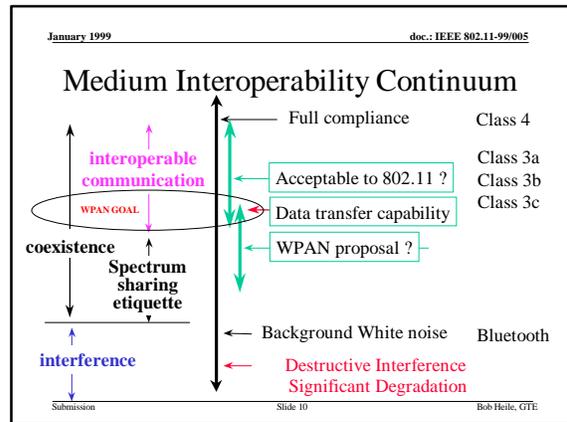
WPAN Interoperability Classes

- Class 4 - Full Compliance to the 802.11 MAC & PHY PICS
- **Class 3 - Partial Interoperability: there is a way on the medium to exchange data without an intermediate device**
  - Class 3a Transmit and Receive
  - Class 3b Receive Only
  - Class 3c Detect Energy
- Class 2 - Bridge-like (1 MAC/2 PHYs)
- Class 1 - Gateway-like (> 1 MAC)
- Class 0 - Non Interoperable

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Thank you for your time and attention.