

March 1999

doc.: IEEE 802.11-99/057



Wireless Personal Area Networks Study Group

802.11 Working Group Report to
ExCom

Thursday, March 11, 1999

Submission

Slide 1

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

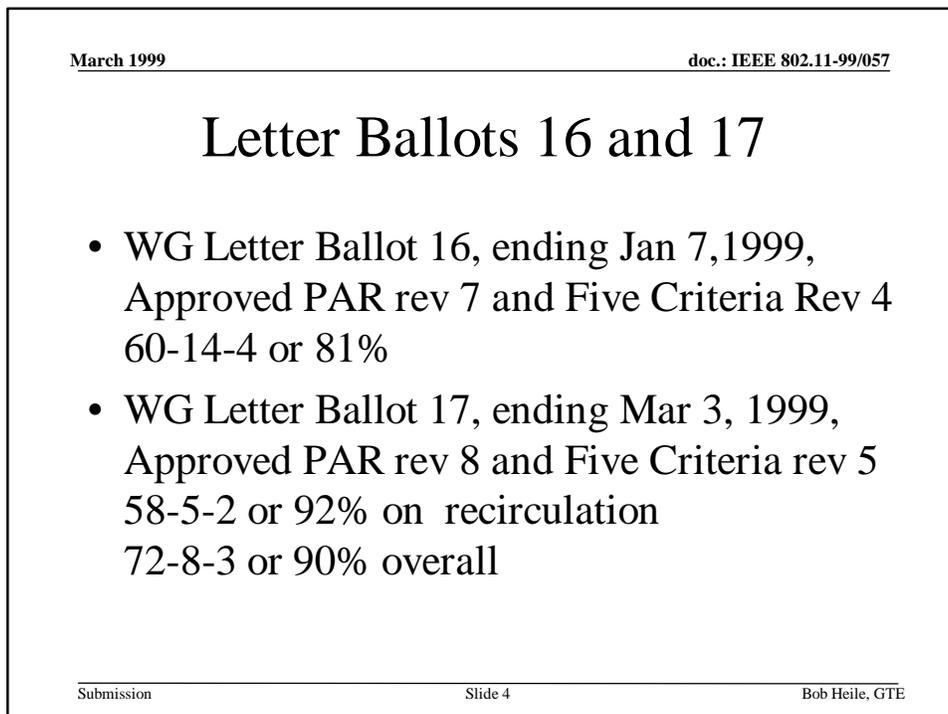
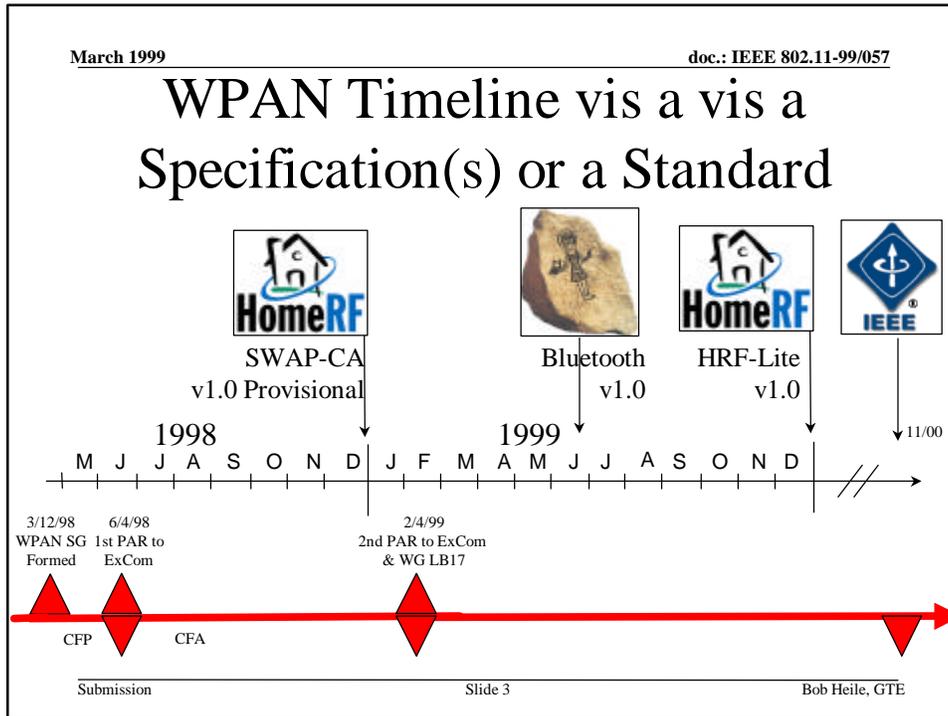
Agenda

- Timeline
- Results of Letter Ballots 16 and 17
- Review of PAR rev7 and 5 Criteria Rev 4
- SG Actions this meeting
- Review edits to PAR
- Review WG Actions

Submission

Slide 2

Bob Heile, GTE



March 1999

doc.: IEEE 802.11-99/057

Review PAR and Five Criteria

- Revise 7 of the WPAN PAR and Revision 4 of the Five Criteria submitted to ExCom on Feb 4, 1999

Submission

Slide 5

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

SG Objectives for this Session

- Comment resolution of WPAN PAR - 98/162r8 & Five Criteria -98/161r5 and submission to ExCom and NesCom
- WPAN Leadership Discussion
- Liaison Updates
- Recommend Future Direction

Submission

Slide 6

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

WPAN SG Actions

- Developed revised recommended direction regarding the Wireless PAN initiative for approval by 802.11 WG
- Drafted Rev 9 of the PAR
- Drafted supporting cover letter
- Brought 3 motions to the 802.11 WG for vote

Submission

Slide 7

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

Recommended Direction

January 99: “The WPAN Study Group recommends that it become a Task Group of 802.11 with the understanding that this will likely require a change in the 802.11 charter and a rule change within 802 to allow multiple MAC Layers within a Working Group. The motivation for becoming a Task Group within 802.11 is to ensure the best use of a shared medium. If this is not feasible the SG recommends the formation of a separate Working Group under 802 which would include all PAN-related activity including Bluetooth, HomeRF, etc. should they also submit PARs.”

March 99: WPAN SG recommends the formation of a separate Working Group

Submission

Slide 8

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

Draft Cover Letter

The WPAN Study Group respectfully submits, for approval, Rev 9 of the PAR and Rev 5 of the 5 Criteria for Wireless Personal Area Networks and recommends the formation of a separate Working Group under 802 that would include all PAN-related standards activity.

The motivation to create a Working Group is to independently consider technologically acceptable approaches that have broad market appeal. We believe this is more efficiently and effectively done as a peer of 802.11 rather than as a Task Group.

Submission

Slide 9

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

Draft Cover Letter

Since coexistence and effective use of a shared medium is so critical to success, the WPAN Study Group suggests that the new WPAN Working Group keep very close ties with 802.11 including joint interactive meetings whenever possible.

The decision to recommend the formation of a Working Group rather than a Task Group under 802.11 required the Study Group to modify Rev8 of the WPAN PAR in the following ways:

Submission

Slide 10

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

Motions

- (99/55P16) Motion made to approve the WPAN PAR “Rev 9” -98/162r9 Bob Heile/Tom Siep
- (99/55P17) Motion made to amend the WPAN PAR to replace all occurrences indicating the formation of a Working Group with those forming a Task Group of 802.11

Bob O’Hara/Naftali Chayat

Roll Call Vote on the amendment: 33- 8 - 5 --pass

Vote on Amended Motion: 31/9/4 --pass

Submission

Slide 11

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

PAR Edits-Rev 7 to Rev 10(9a)

- **ITEM:** Name of WG (Rev 9): Change from ‘WPAN Study Group’ to ‘Sponsor: IEEE 802.11 WG for WLAN, Proposed Task Group: Wireless Personal Area Networks’
Reason: greater clarity.
- **ITEM 5c:** Change from Trial Use to Full Use. (Rev 8)
Reason: clerical error
- **ITEM 6:** Delete from Scope (Rev 9) : “derivative versions of the 802.11” Reason: Flexibility
- **ITEM 6:** Add to Scope (Rev 8): “A goal of the WPAN group will be to achieve a level of interoperability (see -99/5) which could allow the transfer of data between a WPAN device and an 802.11 device”
Reason: clarification of intent

Submission

Slide 12

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

PAR Edits-Rev 7 to Rev 10

- **ITEM 6:** Add to Scope (Rev 9): “standard” and repair grammar.
Reason: Clarity
- **ITEM 9:** Add following footnote (Rev 9) “These groups are not standards organizations, but they have similar charters and the Task Group intends to establish liaisons with these groups as appropriate.”
Reason: clarification and intent.
- **ITEM 12b:** Add (Rev 9) “[ISO/IEC JTC1/SC6] by [DR]”.
Reason: clerical error
- **ITEM 6 under Additional:** Change as follows (Rev 9): A Personal Operating Space (POS) is the space about a person or object that typically extends up to 10 meters in all directions and envelops the person whether stationary or in motion.
Reason: Clarification of intent.

Submission

Slide 13

Bob Heile, GTE

March 1999

doc.: IEEE 802.11-99/057

Motions

- (99/55P19) Motion made to request for the ExCom to interpret rules that allow for significantly different multiple MACs in the Working Group. Dean/Tom Siep
- (99/55P21) Motion made To amend the Motion to request from ExCom a ruling that allows for multiple MACs within a Working Group if required. Tom Siep/Pat
13-10-14 on the amendment--pass
11-13-14 on the amended motion--fail

Submission

Slide 14

Bob Heile, GTE

Motions

- (99/55P23) move that the 802.11 WLAN Working Group recommends that The Executive Committee of 802 submit the WPAN PAR, “Rev 9” -98/162r9 amended, to NesCOM for approval.

Bob H./Greg E.

WG: 36/0/7, Passes

Discussion on the PAR Venue

- Representing the 802.11 WG
-Bob O’Hara
- Representing the 802.11 WGSG Wireless Personal Area Networks (WPAN)
-Bob Heile