

IEEE P802.15 Working Group for Wireless Personal Area Networks

Liaison Report #4

November, 1999 Kaua'i Koloa, HI
USA

Liaison Report #1 -99/005 99005r0P802-15_Liaison-Report.ppt

Liaison Report #2 -99/029 99029r0P802-15_Liaison-Report-2.ppt

Liaison Report #3 -99/063 99063r1P802-15_Liaison-Report-3.ppt

On Server & Flash Card

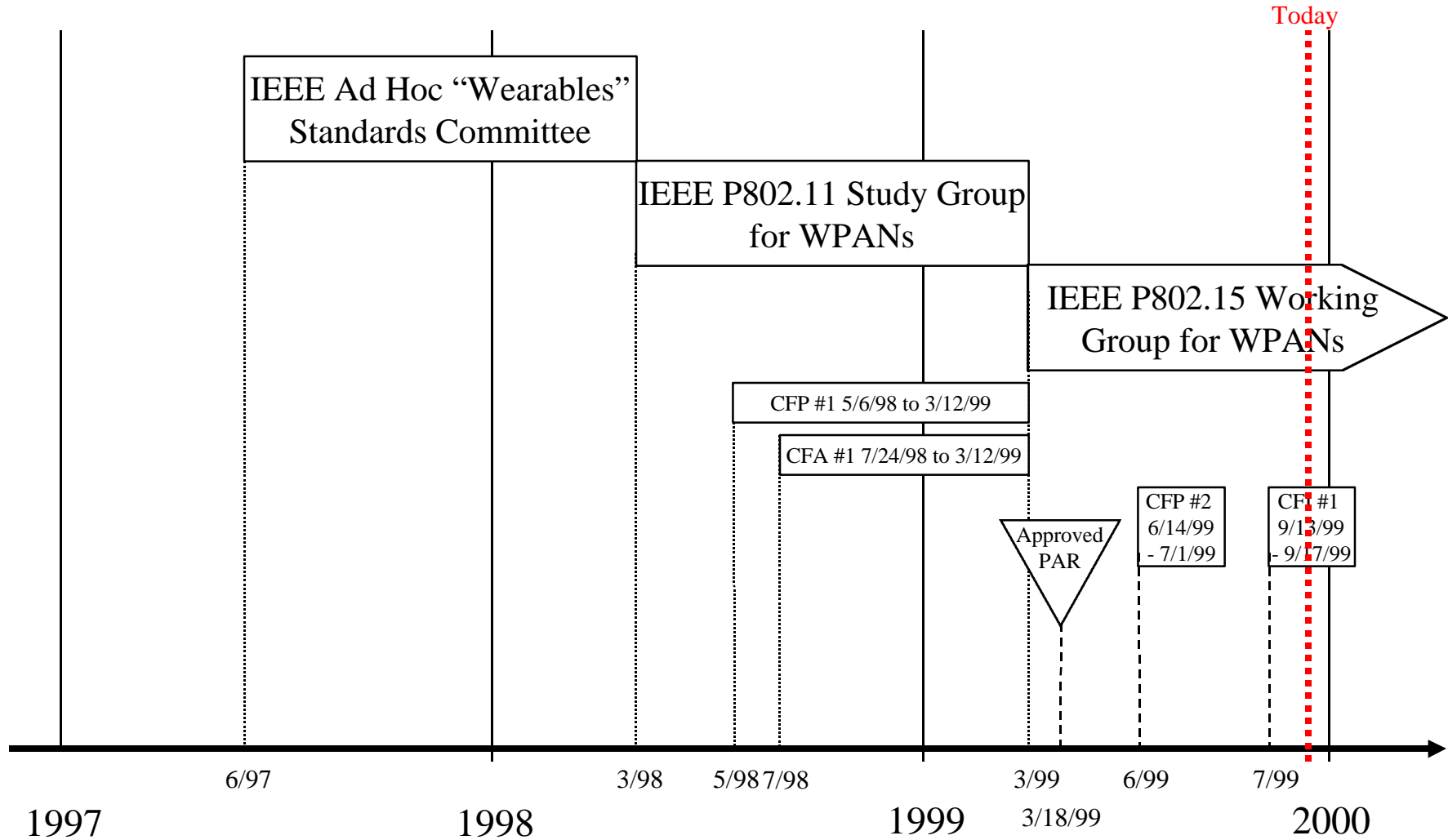
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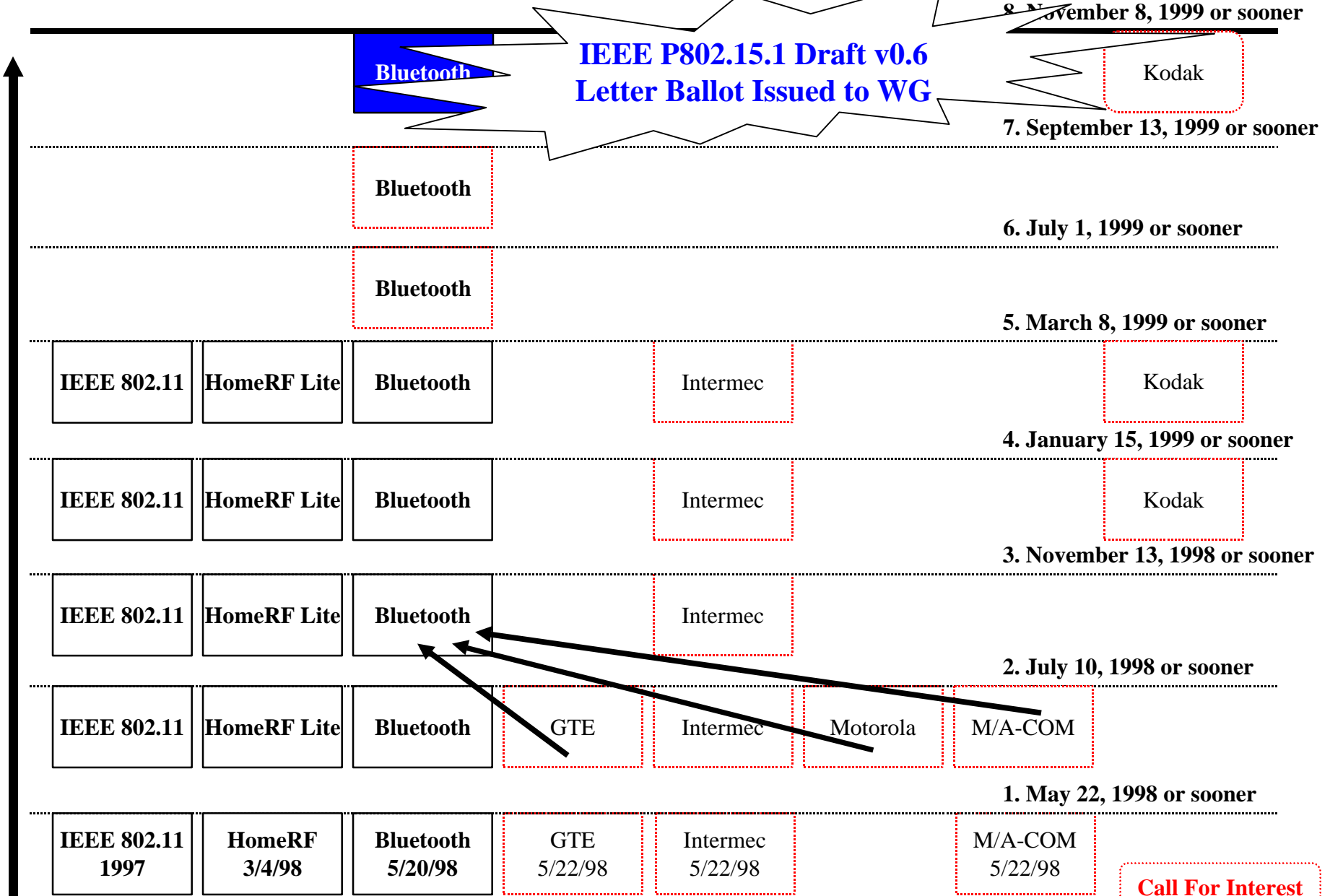
Liaison Objectives

- Promote the IEEE as a Value Add
- Promote the IEEE 802 as a leader in Wireless Standards-Making
- Promote P802.15 as an expert in WPANs
- Request/Receive Draft Standard Submissions from External and Internal (IEEE) from our Liaison activities

WPAN Timeline - Overview



Wireless Personal Area Networking



Convergence Achieved
 Convergence Happening
 Possible Convergence

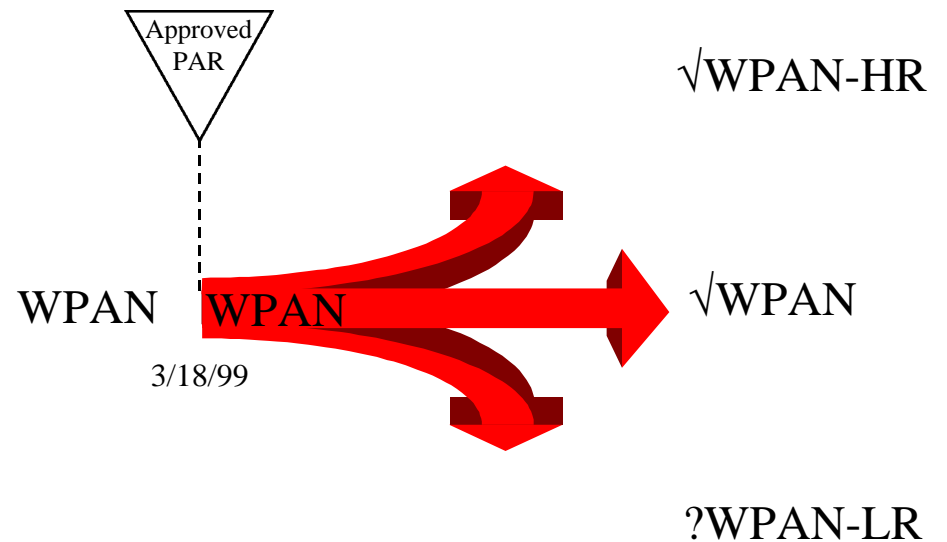
Liaison

Call For Interest

Call For Proposals

Divergent WPAN Usage Models Are Starting to appear

- Pre PAR WPAN
 - TG1 = WPAN
- Post PAR WPAN
 - TG1 = WPAN
 - TGx = WPAN-HR
(High Rate)
 - TGy = WPAN-LR
(Low Rate)



The WPAN Draft v0.6 was received 4Nov99. WPAN-HR Call For Interest submission -99/115r0 was received 2Nov99. The WPAN-LR Usage Model has not yet been addressed via IEEE.

Liaison Summary

- Active Liaison List Reports
 - Bluetooth Special Interest Group (Kardach/Bisdikian)
 - IEEE 802.11 (Hayes/Kerry/Murray)
 - NEW** – ETSI BRAN Project (Khun-Jush/Delaverson)
 - NEW** – ATM Forum WATM (Delaverson)
 - NEW** – WPAN-High Rate (Allen/Heberling)
- Nonactive Liaison List
 - IEEE 802.1 (Lindinsky)
 - IEEE 802.2 (Carlson)
 - HomeRF Working Group (Manny)
 - IETF MobileIP (?)
 - DSRC (Kurihara)
 - WAP Forum (Parrish)
 - IrDA (McKay)
- Other Liaisons?

IEEE 802.15 Working Group for Wireless Personal Area Networks

External Liaison Report

Bluetooth Report

- Telecon & Meetings
 - Miscellaneous
- E-Mail's to Bluetooth SIG
 - Miscellaneous
- E-Mail's from Bluetooth SIG
 - 4Nov99 Jim Kardach to Ian Gifford -99/028r2
- Next Steps
 - Submit new TG1 Operating Rules to WG & BSIG for review
 - Advise on LB #1 Status
 - Ongoing Telecon's & Meetings

Bluetooth/IEEE Proposed Timeline

- √ Jul 1999 - Initial Discussion on Proposal submissions
- √ Jul 1999 - IEEE initial vote of support to draft 802.15 based on Bluetooth specification
- √ Sep 1999 - Overview the draft 802.15.1 based on the current Bluetooth specification to the time line
- √ Nov 1999 - Initial draft ready for WG ballot.
 - Jan 2000 - First Ballot complete, second ballot kicked off.
 - Mar 2000 - Draft ready for IEEE sponsor ballot.
 - Jul 2000
 - Nov 2000
 - Dec 2000 - Approval by IEEE Standards Board

The IEEE and Bluetooth SIG have a very strong Liaison

- Bluetooth Special Interest Group Formed May 20, 1998
 - Liaison #1 07Jul98 -98/253
 - Liaison #2 15Sep98 -98/300
 - Liaison #3 26Oct98 -98/350 (Minutes only)
 - Liaison #4 14Dec98 J. Carlo 802 Overview to Bluetooth SIG
 - Liaison #5 09Mar99 -99/053 Tutorial
 - Liaison #6 01Jul99 -99/028 Letter Of Intent
 - Liaison #7 15Jul99 -99/028r1 LOI #2, License, CD-ROM #1
 - Liaison #8 26Jul99 Bluetooth v1.0A Foundation Specification Available via Web
 - Liaison #9 31Aug99 -99/085 IEEE/ETSI/Bluetooth Meeting
 - Liaison #10 31Aug99 -99/085 Proposal to IEEE & ETSI
 - Liaison #11 3Sep99 CD-ROM #2
 - Liaison #12 9Sep99 Signed & Initialed Copyright License Agreement
 - Liaison #13 13Sep99 -99/068 BT-IEEE Editorial WG Report #1
 - Liaison #14 14Sep99 -99/069 to 073 Overview of the Bluetooth System
 - Liaison #15 16Sep99 -99/082r1 Outline and Technical Overview
 - Liaison #16 4Nov99 -99/028r2 #3 Letter of Submission
 - Liaison #17 4Nov99 -99/xxx Draft Standard v0.6
 - Liaison #18 8Nov99 -99/xxx BT-IEEE Editorial WG Report #2
 - Liaison #19 9Nov99 -99/xxx Using Bluetooth v1.0A Basis For Standard, Tutorial #3

ETSI Report

- Telecon & Meeting
 - 8Nov99 Lou Delaverson to P802.15 WG
- E-Mail's to ETSI
 - None
- E-Mail's from ETSI
 - Oct99 Lou Delaverson
- Next Steps
 - BRAN#16 30Nov99 to 3Dec99 Athens, Greece
 - Ongoing

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Internal Liaison Report

P802.11 Report

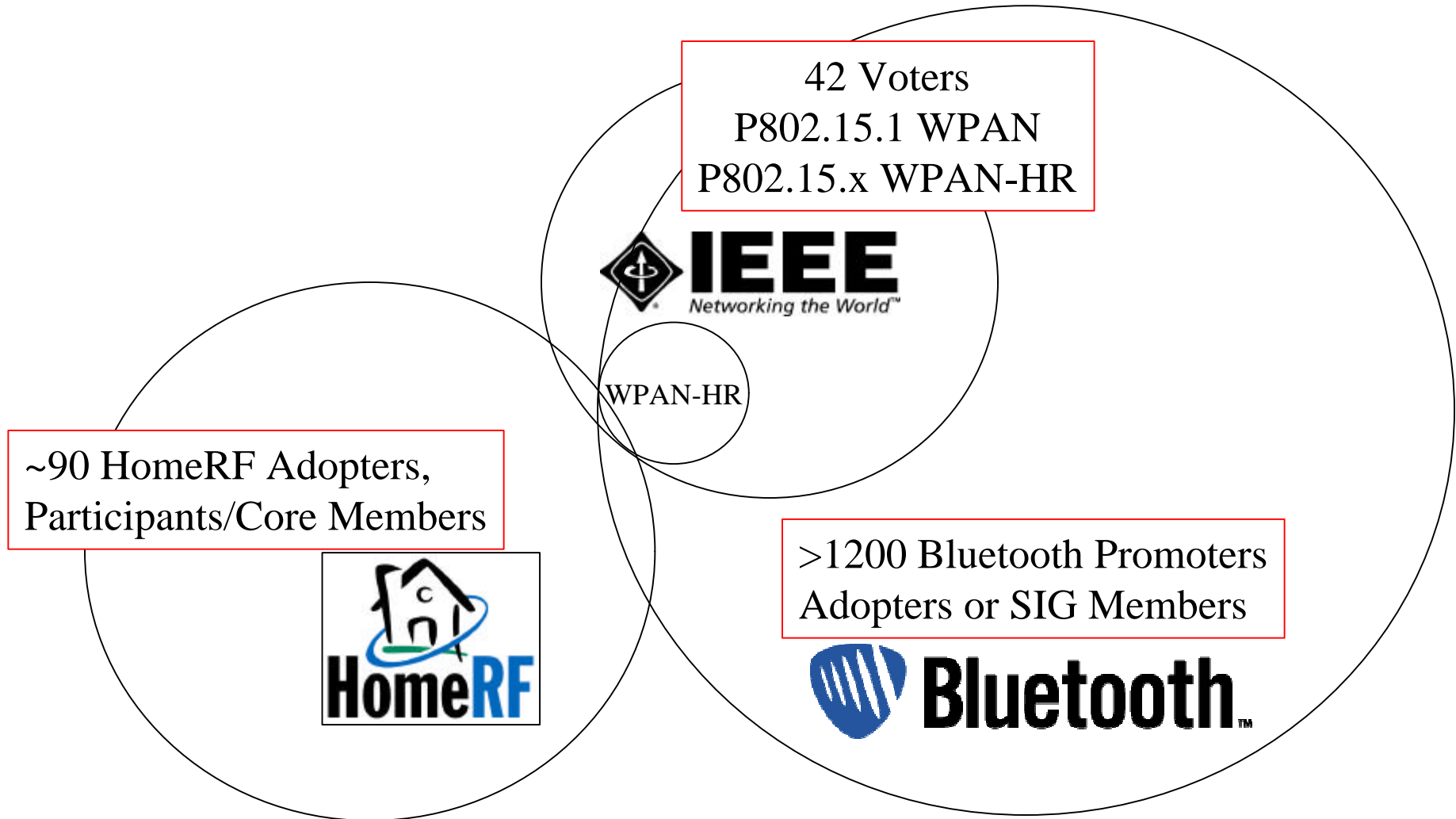
- Telecon & Meetings
 - Collocated Meetings/Various both Informal/Formal
- E-Mail's to P802.11
 - Miscellaneous
 - November 10, 1999 Joint Meeting 1:00pm to 3:00pm
- E-Mail's from P802.11
 - Miscellaneous
 - November 10, 1999 Joint Meeting 1:00pm to 3:00pm
- Next Steps
 - Hosting May00 Interim Meeting, Venue?
 - Host Sep00 Interim Meeting Submission?

See Bruce Kraemer, Stuart Kerry & Peter Murray for more info

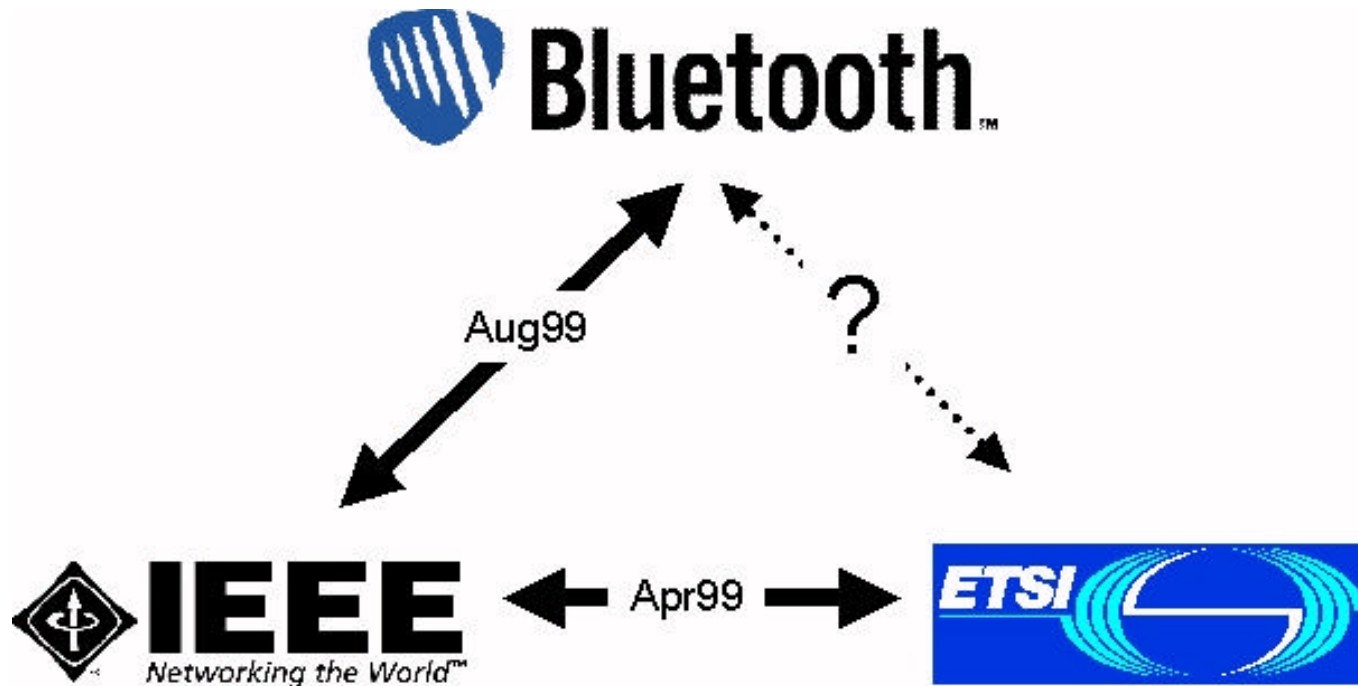
Liaison Negotiations

- Bluetooth SIG
 - Submit new TG1 Operating Rules to WG & BSIG for review
 - Advise on LB #1 Status
 - Next Meeting Date?, 1999
- ETSI
 - Ongoing

Liaison Observation #1



Liaison Observation #2



As of 8Nov99 we are not aware of any progress between Bluetooth and ETSI...IEEE may want to consider BT Upper Layers

Liaison Observation #3

