

**IEEE P802.11  
Wireless LANs**

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**Report of ISO/IEC JTC1/SC6/ joint WG 1 and 3 meeting**

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**Abstract**

ISO/IEC agreed to work on a project to standardize Wireless LANs under project number 1.05.43.11.

IEEE P802.11 D5.0 is adopted as the Committee Document and is now out for 3-month Letter Ballot among the National Bodies.

## Attendance

Vic Hayes was present as part of the USA national delegation.

## Result on Ballot for Project on Wireless LANs

Document ISO/IEC JTC1/SC6 1- 222 is the summary of voting.

14 National Bodies approved the work item (Japan with comment) and on opposed (France)

France indicated that the work did not belong in ISO/IEC but in the ITU-R. Japan argued that the standard should specify the common parts available to every country or region. The remaining parts should be specified by each country or region.

The USA nominated Vic Hayes as the project editor provided the IEEE P802.11 draft was adopted and the UK argued that no project editor be appointed pending the selection of the standard.

6 national Bodies offered to participate in the work (5 is required). So the project met the requirements and both ETSI and IEEE provided the required comparisons. However, ETSI did not participate in the meeting nor did they offer a project editor.

## Meeting discussion

France indicated that the IEEE draft gave the wrong frequency for France. The delegate could not give the correct frequencies though. Both France and Japan argued that the frequencies ought to be removed.

The comparison from the USA was introduced and after some discussion it was agreed that the project would go ahead with a single document, being the IEEE document. The IEEE document was adopted as Committee Document 8802-11 and was sent out for National Body 3-month letter ballot with specific questions to comment about the appropriateness of inclusion of all parameters related to radio Access in an ISO standard and about any of the input received on the project ballot. (doc.: ISO/IEC JTC1/SC6 N10 341)

Consequently Vic Hayes was appointed editor for project 1.06.43.11.

Finally it was agreed that a liaison statement be sent to ETSI indicating that their proposal was not accepted and that if they want to propose a new standard, they needed to start with the proposal of a new project. . (doc.: ISO/IEC JTC1/SC6 N10 348)

## Schedule

The plan is to generate the Draft International Standard DIS 8802-11 at the June 1997 meeting (Stockholm) and the proposed International Standard IS 8802-11 at the March 1998 meeting.

## Next step for IEEE P802.11

To keep the work in 802.11 in synchronisation with ISO by submitting comments to reflect changes in 802.11.

## Guidance for progression to Standard Adjusted for LMSC Ballot results

Prepared by Vic Hayes, Chair  
Lucent Technologies

## Summary

- This presentation gives the most important actions 802.11 have to take to progress its draft standard
- It gives the schedule for the recirculation ballot after the November meeting to reach the March Standards Board meeting
- As a back-up it gives the schedule for getting a second recirculation ballot to reach the June Standards Board meeting
- Standards Board meetings in 1997:
  - March 20, June 26, September 16, December 9.
- Proposed standard due at IEEE office:
  - Feb 7, May 16, Aug 1, Oct 31

## What to do

- At the November plenary meeting we need to resolve all comment but especially those with "Do NOT Approve" votes on D5.0
- Then we need to approach the "Do NOT Approve" voters and ask them if our resolution to their comments constituting their "Do NOT Approve" vote would revert their vote to an "Approve" vote
- Then we need to recalculate the ballot result and list the remaining "Do NOT Approve" votes
- The remaining "Do NOT Approve" votes are either:
  - 1) rejected by 802.11 with a rebuttal (these are for the report to the ExCom and are attached to the recirculation Sponsor ballot)
  - 2) unresolved (these mean 802.11 need to do more work)

## SCHEDULE FOR RECIRC. SPONSOR BALLOT D5.1

- End of meeting Nov 15 (Fri)
- Editors deliver Nov 22 (Fri)
- Draft on server Nov 22 (Fri)
- E-mail ballot close Dec 6
- Result on FTP Dec 9 (Mon)
- E-mail convergent Dec 9-13 (Fri) + sign-up for conf
- Tele conference Dec 16 (Mon)

## Pre-approval for 802.11 to Stds Board 4.12

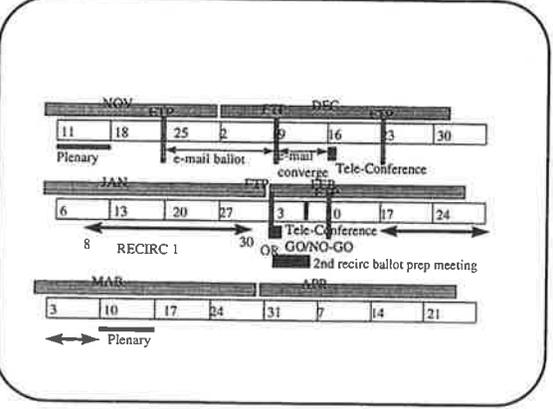
- All comments were addressed (some editorials left to editors)
- Dispositions will be presented to No-voters between now and Nov 22 (Fri)
- Draft D5.1 and outstanding NO-comments available on FTP server Nov 22, End of Business day
- D5.1 includes
  - normative Formal Description and
  - MIB description in ASN1
- WG review by e-mail ballot Nov 22-Dec 6
- Tele-conference on Dec 16 to decide what will be in the Recirculation ballot
- First Recirculation LMSC Ballot Jan 8-Jan 30
- Either
  - Teleconference on Feb 3 for decision to forward to Stds Board, or
    - Draft at IEEE on Feb 7
  - Ballot comment resolution meeting Feb 3-5 for submission to 2nd Recirculation LMSC ballot
    - second Recirculation ballot Feb 17-Mar 7 (Plenary start March 10)

## Pre-approval for 802.11 to Stds Board 4.12

- Move: Hayes
- Second: Mollenauer
- Date: 11/14/96, Time: 8:22 PM
- To approve the placement of 802.11 (Wireless MAC and PHY specifications) on the March 97 RevCom agenda by submitting the submittal package Upon approval of the 802.0 Chair. If forwarding for submittal is not approved at our March meeting, the submittal will be pulled from the RevCom
- Y 13, N 0, A 2
- Result: Passed

- To give the mandate to a teleconference on December 16, 15:00 - 17:00 h UTC for deciding what goes into the recirculation ballot, Open meeting; votes for .11 voters only.
- Mover/seconded: Johnny/Michael,
- vote: 12/0/8
- Result on FTP Dec 20 (Fri)
- Delta pgs at IEEE Dec 27
- Delta pgs mailed Jan 8
- Recirc Bt close Jan 30
- Result on FTP Jan 31
- Tele-conf. for gw Feb 3

- To give the mandate to a teleconference on February 3, 15:00 - 17:00 h UTC for deciding if and what goes into the proposal to Standards Board, Open meeting; votes for .11 voters only.
- Mover/seconded: Johnny/Michael
- vote: 18/0/4
- Proposal to IEEE Feb 5
- Arrive Feb 7
- ALTERNATIVE if not fit to go to SAB
- Comment resolution meeting Feb 3-5
- Result on FTP Feb 10
- Delta pages Mailed Feb 17
- Recirc close Mar 7
- Plenary Mar 10
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SCHEDULE FOR PRODUCING DRAFT D6.0

- End of meeting Jan 29 (Wed)
- Editors deliver Jan 31 (Fri) 2 days to produce
- Draft on server Feb 3 (Mon)
- Draft at IEEE Feb 4 (Wed) (7 deadline)
- SAB meeting Mar 18-20 San Antonio (Thu)
- Next SAB mtg June 26 (Thu)

BACK-UP SCHEDULE RECIRCULATION BALLOT D6.1

- End of meeting Jan 17 (Fri)
- Editors deliver Jan 24 (Fri) 7 days to produce
- Draft on server Jan 24 (Fri)
- Draft at IEEE Feb 5 (Wed)
- All drafts mailed Feb 17 (Mon) Feb 11 tue
- All drafts received Feb 21 (Fri)
- Ballot closes Mar 10 (Mon) Mar 4
- Meeting start Mar 10 (Mon)
- Deadline May 16
- Next SAB mtg June 24-26 Cleveland OH (Thu)

STANDARD BOARD DATES

- Standards Board meetings in 1997:
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