
**IEEE P802.11
Wireless LANs**

Correspondence for coordination with SCC28 and SCC34

Date: October 27, 1995

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Abstract

Our PAR requires coordination of our standard with some other committees, such as IEEE SCC28. The chair of IEEE SCC28, Mr. John Osepchuk, responded as shown on pages 2 and 3. My response to him is given on page 4.

In addition to some preliminary comments, Mr. Osepchuk also recommended that we would coordinate with IEEE SCC34, a new committee on Electromagnetic Energy Product Performance Safety. Subsequently, the IEEE standards office has added SCC34 to our PAR.

My initial contact to the chair of IEEE SCC34, Mr. R.C. Petersen is given on page 5



Oct. 21, 1995

John M. Osepchuk, Ph. D.
248 Deacon Haynes Road
concord, MA 01742
Tel/Fax: 508 287 5849
Chairman IEEE SCC28

Vic Hayes, Chair IEEE P802.11
AT&T WCND Utrecht
Zadelstede 1-10
3431 JZ Nieuwegein, the Netherlands

Dear Mr. Hayes:

I received your letter dated Aug., 21 and the draft copy of P802.11 D2.0 just recently by Raytheon Company from which I retired on June 30. My correct address is above. I have been trying to inform everybody at IEEE of this change of address but it apparently can be done only by piecemeal.

At the Nov. 12 meeting of SCC28 in Palm Springs, CA I will assign coordination with your working group to an appropriate person, preferably from one of the companies involved in "wireless".

For the moment, let me make the following comments on your draft:

I believe you mention C95 only on pages 239 and 278. In both cases you are specifying maximum EIRP. This does not directly relate to C95.1. This standard specifies to the user of equipment what safe exposures are, i.e. MPEs (Maximum Possible Exposures) as appropriately time-averaged and with all the appropriate caveats and exemptions applied. We do include a "low-power" exclusion clause in the case of hand-held radio transmitters. It seems reasonable that this exclusion certainly would apply if the transmitters are distant from the head.

After examining the range of EIRP levels specified in your standard, I make the off-hand judgment that exposures at accessible locations near transmitters conforming to your standard are likely to be well below C95 limits. This opinion is not an official interpretation, however. I may bring to your attention that the IEEE SCC34, chaired by R. C. Petersen of AT&T Bell Labs is charged with the task of developing "performance standards" for products as they regard safety from RF exposure. By copy of this letter I am informing IEEE that SCC34 should also be considered for coordination in the development of P802.11

I am sending these comments to you by Fax so that you will receive them by Oct. 27 as requested let me know if possible by Nov. 9 of the further schedule for review of your draft standard or if you have any questions.

In your letter of Aug. 21 you mention that the "next draft is to be balloted by the sponsor Ballot group of IEEE LMSC from the November meeting of the committee". What does "LMSC" refer to and who is the "committee"?

Sincerely,

John M. Osepchuk
Chairman IEEE SCC28

cc:

E.R Adair, Vice Chair, SCC 28

R.C. Petersen, Exec. Sec SCC28 and Chair SCC34

J. Parisi, IEEE Standards Activities

Fax message

TO: Mr. John M. Osepchuk +1 508 287 5849

FROM : Vic Hayes, Chairman IEEE P802.11, Wireless LANs
e-mail: vic.hayes@utrecht.attgis.com

DATE : October 27, 1995

SUBJECT : Coordination between 802.11 and SCC28

REF:

MYREF: VH-CH/95-35

TOTAL NUMBER OF PAGES, INCLUDING THIS PAGE: 2

Dear Mr. Osepchuk,

Thanks for your fax. I have updated my own file and have informed my standards office contact about your address change. She found that the central database was OK, and that you had called yourself a maintainer of a coordination database.

I am looking forward to receive the name and coordinates of the person that would be assigned to IEEE P802.11. Would I replace his name and coordinates for yours for the purpose of coordination? Could you please ask the person if he would agree to receive the standard in file format? We distribute the standard to our own members in Word-for Windows files (Version 6 or 2) that have been zipped by pkzip. I could also give the method to get the drafts from the IEEE FTP server. With an e-mail address, I could even announce the availability of the standard.

Regarding your comment, I would presume that our reference to C95.1 tells the implementor that he has to obey C95.1. Would you like additional language in our standard? For instance that the 802.11 standard would inherently obey your rules?

Regarding SCC34, I have attached my e-mail to Mr. Petersen for your information. IEEE has added coordination with SCC34 to the PAR.

Because our next meeting ends just before the start of your meeting, I would like to give the current schedule to you by reference to the attachment. I could e-mail Mr. Petersen the updated version as soon as possible after the meeting, but that requires that he has remote access to his e-mail. If that is not the case, please let me have another means to contact you at your meeting.

LMSC is the Local and Metropolitan Area Network Standards Committee. It is project IEEE 802. It is that "committee" I am referring to.

I am looking forward to work with you.

Vic

E-mail message

From: Hayes, Victor
To: Petersen R.C. Murray Hill
Subject: FW: Coordination of IEEE P802.11 with SCC34
Date: Friday, October 27, 1995 10:32AM

Hello Mr. Petersen,

I received your name from John Osepchuk, chair of IEEE SCC28. He indicated that the standards work of IEEE P802.11 (Wireless Local Area Networks) also needs coordination with SCC34.

From John's suggestion, I have added coordination with SCC34 to our PAR.

Could you indicate to me at what stage your work in SCC34 is and what we can learn from it? Or would we leave the initiative to prepare comments on our drafts from your group?

Our schedule is as follows:

Nov 6-10 meeting of IEEE P802 or IEEE LMSC
(Local and Metropolitan Area Network Standards Committee)
prepare draft D3 and send out for confirmation ballot at WG level

Jan 8-11 interim meeting of IEEE P802.11
prepare draft D4 and send out for sponsor ballot

March 11-15 meeting of IEEE LMSC
Prepare proposal for Standards Board.

This schedule is very ambitious and may have to be revised.

It seems to be too late to send you the current draft.

However, if you want to get the file with the draft, we have a few options:

1. I could send it to you by e-mail (uuencoded, zipped and in Word-for-Windows V2 or V6)
2. You could download it from the IEEE SPA system. (zipped, WfW V2 or V6) You need a password for this method.

Please let me know if you do want to get the file and in what way.

In the mean time, I have added your name and address in my database and will get you the Draft D3 as soon as we have it available (about November 27)

Looking forward to work with you.

Vic Hayes, Chairman IEEE P802.11, standards working group for Wireless LANs

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| local time UTC + 1

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Copy by FAX to John Osepchuk.

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