

IEEE 802.11
Wireless Access Method and Physical Specification

Title: **PHY/FH PHY Report**

Date: November 29, 1995

Author: Dean Kawaguchi
PHY/FH PHY Chair

Symbol Technologies, Inc.
2145 Hamilton Ave
San Jose, CA. 95125
Telephone: (408)369-2629
FAX: (408)369-2737
email: DeanK@psd.symbol.com

The PHY subgroup achieved the following:

1) FH PHY Chair election.

Jim MacDonald nominated Dean Kawaguchi, elected by acclamation.

2) Submissions.

There were no joint PHY submissions.

3) PHY level comments

Discussion; changes incorporated into individual PHY sections.

4) Duration field

There was a motion in the FH PHY group to dismiss the matter because of lack of text, which was tabled to the full PHY group.

Motion: Table further discussion of the matter to the full 802.11 meeting.

Full PHY: 10 - 5 - 3. Motion passed.

Reopen in full WG

5) PICS Proforma

Motion: that the unreviewed FH PICS proforma (95/232), and the DS PICS Proforma (95/200) be added to the Draft D2.1.

PHY vote: 12-0-0. Motion passed.

Plenary vote: 21-0-2. Motion passed.

6) Comment resolution on the MIB and PHY primitives.

Discussion but no motions passed.

7) Agenda for January 1996 meeting.

3 Mbps submission

MIB and PHY Service Definition

FH PHY Meeting Report

The FH PHY ad hoc group achieved the following:

1) Appointment of FH PHY co-editor.

Jim Renfro was confirmed as FH PHY co-editor. Ed Geiger's contribution is limited due to other commitments. Jim will not be available for the first week after this meeting.

2) Resolution of FH Group issues.

Frequency hopping patterns. FCC rejected 802.11 sequences. Two submissions proposing new sequences were presented: 95/231 by D. Kawaguchi, and 95/246 by Y. Shalom.

Motion: Accept new hopping patterns in 95/246 for USA.

FH PHY: 13-1-3. Motion passed.

Motion: The European and US hop patterns shall be identical.

FH PHY: 11-1-5. Motion passed.

Motion: The Japanese hop patterns remain unchanged from D2.0.

FH PHY: 6-0-6. Motion passed.

Plenary confirmation for all three above: 28-0-5. Motion passed.

Motion: Accept text in 95/246r1

FH PHY: 8-0-2. Motion passed.

3) Resolution of Section 11 comments on Draft D2.0 of the Standard.

Motion: Where amendments are made that do not have associated text, the proposer of such amendment should produce text, and where text is not submitted by close of PHY meeting on Thursday, the amendment fails. The judgement of the Chair of the FH Group be the final arbiter of the applicability of the proposed text.

FH PHY: 9 - 0 - 5. Motion passed.

It was AGREED that the Editors be empowered to deal with those comments designated as editorial.

We addressed all technical issues except the ones relating to duration field in the PLCP header and the CCA busy during frequency hopping.

Motion: Accept the changes to Section 11 of the draft contained in Resolution File. Seconded 95/227-11-16.

Full PHY: 14 - 0 - 0. Motion passed.

Plenary: 25-0-4. Motion passed.

4) Duration field change

Discussion on the Duration field. Motion to dismiss due to lack of sufficient text. Motion tabled until full PHY meeting (14/1/3).

5) Review of a PICS pro-forma.

Did not get to.

6) Any Other Business.

Did not get to.