

**TENTATIVE MINUTES IEEE 802.11 FREQUENCY HOPPING  
HIGH SPEED STUDY GROUP MEETING  
6:00 PM 7/9/96**

Minutes approved from the last meeting in Waltham MS  
Unanimous approval

Status presentation  
makes presentation on 8FSK

Issues:

- Higher data rate can be achieved of 3 Mbit/s without changing current 802.11 hardware by using 8FSK to a distance of 50 Ft.

Dean presents comment on Naftali's presentation. Is the additional 15 dB worth the extra processing that would be required for this gain?

Naftali says we must address issues of coding schemes other than currently being used.

Question was asked, "do we want to look at other ISM bands of frequency i.e. 5.2 to 5.8 Ghz or are we looking at 2.4 Ghz. Only

Dean feels that higher bit rate may not be useable due to short distance.

Nathan says he doesn't see many vendors working on this type of coding.

Other modulation schemes may be 16 QAM

Dean says He feels that High Speed should not be included in the current draft.

Naftali passes chair to Dean

Motion: Bring 8FSK as described in 96/53 and 96/80 to FH group as a recommendation future incorporation into the 802.11 standard.

Motion made by Naftali

No second to the motion. Motion killed

Back to discussion

Amended Motion: Bring 8FSK as described in 96/53 and 96/80 to FH group for consideration for incorporation into future version the 802.11 standard.

Motion made by Naftali

Second by Jeff

call the question made by Stewart

Vote: Question called

Vote: 2,1,3 Motion passes.

Meeting adjourned at 7:15 PM