

Telecommunications and Information Exchange Between Systems

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**Title: ISO/IEC DIS 8802-11 Information technology -- Telecommunications and information exchange between systems - Local and metropolitan area networks Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications
Disposition of Comments Report on Fast Track Ballot**

Date: 10 November 2004

Source: SC6 WG1

The fast track ballot of ISO/IEC DIS 8802-11 resulted in 13 out of 14 NBs approving its content (92.85%) and with a single negative vote (5.88%). On this basis the the document was approved for publication.

The China NB comments, found in 6N12687, accompanying their negative vote of the fast track of ISO/IEC 8802-11 have been reviewed, and the following resolution is proposed.

The Chinese NB are thanked for their technical review of this work and are encouraged to work closely with the IEEE 802.11 community from which this fast track proposal emanated.

1. Chinese Comment B, ISO/IEC DIS 8802.11 is devoid of China regulation

The PE thanks the Chinese NB for their Comment B and acknowledge that this specific regulatory information is currently not included in ISO/IEC 8802-11 (IEEE 802.11). The IEEE 802.11 committee has currently open a maintenance item of work and following appropriate liaison would welcome the Chinese input to it. Once this IEEE 802.11 work is complete (and this is scheduled for end-2004) it is proposed to forward it through the ISO/IEC fast track procedures to ensure its incorporation within the International Standard.

2. Chinese Comment A, WEP has many well-known defects

It is acknowledged that there are known defects with WEP and the Chinese National Body are thanked for their comments. It is a fact that there are many implementations of the Standard IEEE 802.11:2003 in use throughout the world, and through this fast track

procedure, it is important that its status as an internationally recognised standard is acknowledged.

The Chinese NB are encouraged, considering the co-operative working arrangements established between ISO/IEC JTC1 SC6 and the IEEE 802, to submit their specific proposal to JTC1 SC6 for processing. This will then ensure that the proposal is reviewed in the appropriate international forum and, if accepted, will be included as an amendment to the ISO/IEC 8802-11 work for use in the international community.

The IEEE 802.11 have been working on an amendment to the security model to take account of the known issues with WEP and this work is now complete. The amendment, IEEE 802.11i, is now set for publication within IEEE 802 and has been submitted to the ISO/IEC for fast track processing.

Conclusions

It is therefore proposed that the base standard is forwarded for publication from the November 2004 meeting of SC6, and that the two alternative security models currently in development are progressed independently and concurrently within SC6 to provide subsequent amendments to this baseline.