



Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of Ad Hoc Committee on Licensed-Exempt Coexistence - Session #31	
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Re:		
Abstract	Meeting Minutes	
Purpose	To record meeting discussions	
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Minutes of Ad Hoc Committee on Licensed-Exempt Coexistence - Session #31 (Draft)

18 May 2004, Shenzhen, China

The meeting called to order at 19:05, by Marianna Goldhammer, Ad-Hoc Committee Chair. Barry Lewis has been elected as secretary.

The document C802.16-04/07r1, BS interference scenarios, output of e-mail activity before the meeting, was presented by Marianna.

In continuation, she presented her contribution C802.16-04/10r1.

Discussion

Was a general consensus that there is a real problem of inter-system interference.

Phil Barber presented his solution, as captured in C802.16-04/07r1.

Discussion about possible solutions:

1. Interference detection threshold – Barry Lewis proposal
 - Will work also for Adjacent Channel, if there are free frequencies
 - In a future phase, 802.16 should ask other 802 wireless standards to respect the proposed level
2. Time separation – Marianna Goldhammer proposal
3. Operator co-operation – Barry Lewis proposal
4. Cognitive radio approach – Marianna Goldhammer proposal.

Was mentioned that will be probably required a combination of solutions.

Discussion on proposal evaluation:

- should take into consideration the user separation, user density, frequency reuse factor, channel bandwidth, etc. 10MHz has been proposed as 802.16 channel bandwidth for consideration.

Discussion on target systems:

The solutions should consider the interference 802.16 to/from 802.16 and 802.16 to/from 802.11.

The LE Ad-Hoc Committee activity will be continued by e-mail.

The presence list signed: 19 participants.

Meeting adjourned at 20:30.