

Project	IEEE 802 Working Group on Mobile Broadband Wireless Access < http://ieee802.org/20/ >	
Title	Coexistence CG – Chair’s report to the Singapore meeting	
Date Submitted	2003-09-12	
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Re:	Reporting activities of the Coexistence Correspondence Group since its establishment in July	
Abstract	This contribution summarizes the issues discussed by the participants, including agreements and open issues.	
Purpose	Informing 802.20 WG of the progress.	
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Coexistence CG

Chair's Report to the Singapore Meeting

IEEE 802.20 Meeting #4
Singapore, September 2003

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Coexistence CG

- ▣ In July, 802.20 voted to create a “Coexistence CG” with the following charter.

Study and create a consensus recommendation on how to address issues related to the coexistence of future 802.20 systems with other wireless technologies deployed in the licensed bands below 3.5GHz.

- ▣ The CG discussed the issues in two conference calls and some email activity

Progress

- ▣ The majority of CG participants had agreement on the following issues:
 - ▣ Coexistence is an important issue and 802.20 needs to address it through performing coexistence analyses
 - ▣ In order to do so, 802.20 needs to form a Task Group focusing on the coexistence issues
 - ▣ 802.20 needs to produce a document on coexistence

- ▣ It was also generally agreed that 802.16.2 was a good model to follow

Open Issues

- ▣ Should “ability to coexist” with other technologies be an evaluation criterion?
 - ▣ The issues are timing and order of creating the coexistence document vis a vis evaluation criteria, requirements, and PHY/MAC documents since coexistence studies need to use parameters that are technology-dependent
- ▣ Should RF performance information (TX mask, RX filters, etc.) needed for the coexistence analyses be included in the PHY/MAC specifications?
 - ▣ Will the 802.20 coexistence document be a “Recommended Practice” as defined by 802?
 - ▣ Or should it be part of the Standard (PHY/MAC)?
- ▣ The level of detail in CG’s recommendation to 802.20
 - ▣ Could the recommendation include some focus areas (interference scenarios, primary bands, etc.)?
 - ▣ Or should this be left to the TG to decide?

The Plan

- ▣ The CG is scheduled to make its recommendation(s) to the WG by November meeting.

- ▣ Four more calls are scheduled:
 - ▣ Call #3: Oct. 10, 2003, 1:00-2:00 PM EDT
 - ▣ Call #4: Oct. 20, 2003, 1:00-2:00 PM EDT
 - ▣ Call #5: Oct. 31, 2003, 1:00-2:00 PM EDT
 - ▣ Call #6: Nov. 5, 2003, 1:00-2:00 PM EDT

- ▣ The call-in info will be distributed one week prior to each call through the reflector
(stds-80220-coexistence@ieee.org)