

Project	IEEE 802.20 Working Group on Mobile Broadband Wireless Access < http://grouper.ieee.org/groups/802/20/ >	
Title	Coexistence CG Chair's Report – Comments on	
Date Submitted	2003-09-17	
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Re:	MBWA Call for Contributions: Session # 4 - 09-2003	
Abstract	Correction and position statement on 802.20 Coexistence document	
Purpose	Correct an inaccurate statement in the Coexistence chair's report – contribution number C802.20-03-82.	
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1. Purpose:

To correct a statement made in the Coexistence CG chair's report to the Sept 2003 session of IEEE 802.20 group --document **C802.20-03-82**. The appropriate slide (number 3) is copied and pasted below.

☐ 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

2. Correction and Clarification

It is agreed that the IEEE 802.16.2 is indeed a high quality document, but it is definitely **NOT a good model to follow**. IEEE 802.20 will be better off if it follows the better model of the existing public mobile communications standards, such as: GSM, UMTS, CDMA, CDMA2000, TDMA-136.

The cellular mobile radio industry has typically addressed the issues of coexistence in a three-tier document system:

- a. **Minimum Performance Standards** (one for MS and one for BS)
- b. **Technical Reports and Bulletins** (TR / TSB) that describe interference scenarios, and
- c. **Deployment guidelines** and interference mitigation practices

Of these three, only the Minimum Performance Standards are mandatory and required for compliance verification. These standards, when endorsed by national standards institutes (such as **ANSI** and **ETSI**), complement the governing regulatory rules/law.

3. Conclusion

Further discussion and debate of this critical issue is needed before the 802.20 group decides on this matter and defines the charter and terms of reference for the (recommended) **Coexistence Task Group**.