

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Draft minutes of coexistence study group preparation at IEEE 802.16 Session #12	
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Re:	Draft minutes	
Abstract	Minutes of coexistence study group preparatory discussions held at IEEE 802.16 session #12	
Purpose	To provide a record of the meeting.	
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**Draft minutes of coexistence study group preparatory meeting, held at session #12 of
IEEE 802.16**

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Following the adjournment of the TG2 meeting, the study group preparatory meeting followed immediately.

New coexistence issues were discussed as follows:

Meeting opened at 10.20 on March 15th 2001

- (1) TG2 chair noted that the new coexistence issues were not TG2 business. TG2 task is to complete the current Recommended Practice in accordance with the agreed PAR. If new work is to be pursued, a new PAR is required. This involves formation of a study group (by agreement of 802) and preparation of the necessary justification for new work.
- (2) TG2 chair reviewed the call for interest posted following session #11 and noted the 3 input documents.
- (3) Prior to the meeting, it had been agreed to discuss the point to point coexistence subject first, then to discuss the sub – 11 GHz issues (subject to availability of TG3 participants).
- (4) The general paper from Phil Whitehead was presented and discussed. It was concluded that the identified need for simulation tools, specific to the new potential studies, would be a high priority to resolve early in the process. Some of the tools used by TG2 are not available for general use and those who provided contributions based on the use of these tools may no longer be able to participate.
- (5) A paper on coexistence with point to point systems was presented by Fred Ricci (Winstar). It was concluded that this topic should be recommended for further study and inclusion in a revised Recommended Practice for Coexistence of FBWA systems.
- (6) An outline of the considerations for coexistence with point to point systems was prepared. It was noted that there are two main scenarios – (a) where the point to point links are individually licensed and (b) where an operator is free to deploy a series of point to point links within a block assignment, in any configuration that meets boundary conditions. It was agreed that the recommended study should be kept as general as possible.
- (7) TG3 participants had limited time due to urgent MAC/PHY business. It was therefore agreed by TG2 and TG3 chairs that TG2 would prepare a proposal for study of coexistence below 11 GHz. This was duly completed and presented to TG3 during the afternoon session. TG3 proposed some small amendments which were incorporated. The outline was then agreed by TG3, for presentation at closing 802.16 plenary. This topic was also agreed to be recommended for further study and inclusion in a revised/ extended Recommended Practice for coexistence of FBWA systems.
- (8) The participants not involved in TG3 reconvened to finalise the proposals for the closing plenary.

The meeting closed at 16.30

No further sessions of TG2 or to discuss new coexistence issues were held at session #12.

Post meeting note: The proposal to form a study group for preparation of a PAR into new coexistence recommendations was presented at session #12 closing plenary. A motion to approve the formation of the study group was approved. Subsequently, the formation of the study group was endorsed by IEEE 802 ExCom.

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