

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of meeting of Coexistence Task Group at session #17, Levi, Finland	
Date Submitted	2002-01-24	
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Re:	Coexistence task group activities in session # 17	
Abstract	N/A	
Purpose	To provide a record of the meeting	
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Draft Minutes of meeting of Coexistence Task Group

21-25 January 2002, Levi, Finland.

- Chaired by Phil Whitehead, Radiant Networks Plc
- Minutes prepared by Phil Whitehead

Tuesday 22nd January 2002

1. The meeting was called to order at 09.30
2. The draft agenda was unanimously accepted.
3. PW noted that the post of editor will become critical once the formal draft is being prepared. Members were encouraged to consider volunteering for this important task.
4. A tentative schedule was agreed for the week, to take account of the limited numbers present and the absence of some key contributors. A time slot for a conference call with absent key contributors was set. Remi Chayer kindly made available a remote (unattended) conference bridge in Montreal.
5. PW reported on the status of the TG2 work. This was the third formal meeting of the group. A set of draft system parameters to be used in coexistence simulations and calculations was prepared at meeting #15. These were used as the basis for a number of coexistence simulations, carried out and presented at session #16. Simulation work for the various point to point scenarios made good progress but less work has been completed for the 2-11 GHz scenarios.
6. The draft minutes from session #16 were unanimously accepted with no revisions or comments.
7. Three input papers from Jack Garrison were reviewed in his absence. A number of key questions were listed in preparation for a conference call set for 17.30 Finland time (= 07.30 US West coast time or 09.30 EDT)
8. A conference call was held between 17.30 and 18.30 to review the papers from Jack Garrison. As a result of the discussions, GJG (in Vancouver) agreed to review a number of points and communicate back to the meeting.

Wednesday 23rd January

9. Meeting opened 09.00
10. A further review of the pfd limits used in the contributions (01,02) from Jack Garrison took place. A fax was prepared, including a proposed revision to the pfd limits.
11. A draft reply to the TM4 liaison statement on various topics relevant to TG2 was prepared. After consultation with TGa chair and Marianna Goldhammer, it was decided to recommend to defer any reply from TGa until the next meeting. This would allow TGa more time to consider the implications of the new EN 301 021 modifications (OFDMA/TDMA) and prepare a response. The reply on topics relevant to TG2 was prepared and included in a draft letter.
12. A review of outstanding simulations and calculations was carried out. The following table summarizes the position.

Scenario	possible source	Notes
2.5 GHz co-channel	David Chauncey, Jamie Cornelius, Reza Arefi?	No contributions have yet been submitted
2.5 GHz same area	David Chauncey, Jamie Cornelius, Reza Arefi?	No contributions have yet been submitted

3.5 GHz co channel	GJG	Contributions at session#17 for TS to CS case; will be updated by GJG. Propose to extrapolate results to cover CS to TS case.
3.5 GHz same area	GJG	GJG is working on these. Contributions planned for session#18
10.5 GHz co channel	GJG	Contributions at session#17 for TS to CS case; will be updated by GJG. Propose to extrapolate results to cover CS to TS case.
10.5 GHz same area	GJG	GJG is working on these. Contributions planned for session#18
PP (single link) to PMP	PW	PW will prepare and circulate a general paper covering the various scenarios. It was noted that the normal quantitative guidelines are not appropriate because most situations are managed by regulatory bodies
PP (multi link) to PMP	PW	Most scenarios have been analyzed. PW will complete the last 2 for session#18

13. Barry Lewis suggested a possible revision to the structure of the draft document, to make it more directly useable. Proposal invited for session # 18.
14. The timeline was reviewed. It was noted that the 2.5 GHz work will become critical path by session # 18. If there is any further delay in the 2.5 GHz simulations, the schedule is likely to become delayed. The timeline will be reviewed again at session # 18.

Thursday 24th January

15. Meeting opened 9.15
16. A short presentation for TGa was prepared, covering propagation issues for 2-11 GHz systems. This was subsequently presented to TGa, requesting feedback on the issues raised in paper IEEE C 802.16.2a-01/13.
17. The draft minutes were reviewed and provisionally agreed.
18. A review was made of the closing report. After a number of small modifications, the report was unanimously accepted.
19. There being no other business, the meeting was adjourned at 14.00.

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