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IEEE L802.16-02/04

IEEE 802.16 Working Group on Broadband Wireless Access

<http://WirelessMAN.org>



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Dr. Roberto Macchi
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Dear Roberto:

On behalf of IEEE 802.16, I thank you for your liaison statement dated November 2001 ([IEEE L802.16-02/02](#)). We were interested to learn of your new work item regarding OFDMA and appreciate your offer to keep us informed of your progress.

IEEE 802.16's Task Group 2 (TG2) is preparing an amendment to IEEE Std 802.16.2-2001 ("IEEE Recommended Practice for Local and metropolitan area networks—Coexistence of Fixed Broadband Wireless Access Systems"). The amendment project (802.16.2a) includes studies of coexistence with point-to-point links and coexistence of licensed systems operating in the 2-11 GHz frequency range. We will be happy to provide you with copies of the new draft amendment, once it reaches a satisfactory state of development.

The block edge mask concept, as used in the ETSI 40 GHz MWS standard, is of interest to TG2. A contribution from TM4 outlining how this block edge concept is applied would be most welcome. Provisionally, we would propose to update the section on "work of other bodies" to include information on this approach.

The mitigation technique under the heading Autonomous Frequency Assignment (AFA) is also of interest, and any contribution to IEEE 802.16 on this topic would also be welcome. Our recommended practice includes a clause on mitigation techniques, for which this new topic could be considered.

We note that your now-published report TR 101 853 ("Rules for the Coexistence of point to point and point to multipoint systems, using different access methods in the same frequency band") includes valuable information relevant to our amendment project. We would be happy to include a summary of the important aspects of this report in our amended document. It would be most helpful if TM4 could provide a summary of the key points.

I look forward to any proposals that TM4 could make by way of contributions to the ongoing work of IEEE 802.16.

Sincerely,

A handwritten signature in blue ink that reads "Roger".

Dr. Roger B. Marks
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Paul Nikolich, Chair, IEEE 802 LAN/MAN Standards Committee
Phil Whitehead, ETSI WG-TM4 Liaison to IEEE 802.16
Marianna Goldhammer, IEEE 802.16 Liaison to ETSI WG-TM4