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IEEE 802.16 Working Group on Broadband Wireless Access

http://WirelessMAN.org



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Howard Frazier, Chair IEEE 802.3 Ethernet in the First Mile Task Force

Dear Howard:

Thank you for your letter (IEEE 802.16-01/45) of 11 June in response to our note (IEEE 802.16-01/32) of 10 July. Congratulations on the approval of the 802.3ah Ethernet in the First Mile (EFM) PAR by the 802 SEC and on its imminent approval by the IEEE-SA Standards Board.

We are confident that many of the MAC and MAC control requirements of point-to-multipoint (PMP) operation in Ethernet passive optical networks (EPONs) are quite similar to those of the PMP wireless access networks that are the scope of IEEE 802.16. We would like to encourage the EFM group to take a look at 802.16's solutions to some of these problems and consider adopting them or something similar. These solutions are currently embodied in P802.16/D4 (which, as of last night, has passed Sponsor Ballot, pending successful comment resolution).

The areas in which we see the greatest commonality are:

- network entry
- security
- bandwidth management

In order to ease your ability to make use of our work in the course of developing the EFM standard, we would like to make arrangements to provide our draft to your membership. We could do this by various means. If your members think this would be helpful, please advise me as to what forms of access would be convenient for you.

Best regards,

Dr. Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access