

IEEE 802.16 Working Group on Broadband Wireless Access<http://WirelessMAN.org>

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Dr.-Ing. Jamshid Khun-Jush, Chairman, ETSI BRAN
<mailto:Jamshid.Khun-Jush@eed.ericsson.se>

Dear Jamshid,

Thank you for your letter dated 3 October 2002 (BRAN30d141/IEEE L802.16-02/22r1). In response, we would like to inform you of the following:

1. The 802.16 Working Group has approved the inclusion of HIPERMAN's proposed OFDM sub-channelization in P802.16a. We thank you for this important contribution to a consolidated worldwide standard in 2-11GHz.
2. We have decided to make a modification regarding the sub-carrier allocation per sub-channel, in order to improve the pilot spreading inside the sub-channel. Please consider aligning your draft standard with our proposal.
3. We have included HIPERMAN's proposed zero-tailing convolutional code termination in our draft, for OFDM.
4. We have made corrections to the preamble sequences regarding OFDM and OFDM subchannelization.

The new draft document, P802.16a/D7-2002, will be available for your use.

Due to the changes we have incorporated, the approval of the draft will be slightly delayed. I hope that D7 is the final version, but we need to await the 5 December conclusion of an additional recirculation to our IEEE Ballot Group. If this recirculation is successful, D7 will be immediately submitted for the approval of the IEEE-SA Standards Board.

Regarding our other projects:

- The P802.16c project, defining system profiles for the 10-66 GHz WirelessMAN-SC™ air interface and correcting errors in IEEE Std 802.16, is complete. Draft 4 awaits final approval of the IEEE-SA Standards Board on 11 December.
- We have agreed to begin ballot on Draft 1 for the P1802.16.1 project, defining the 10-66 GHz PICS.
- We expect to soon move to Sponsor Ballot with Draft 3 of the P802.16.2a coexistence amendment draft.

Also, the IEEE 802 LAN/MAN Standards Committee has forwarded three Project Authorization Requests from 802.16 for approval of the IEEE Standards Association Standards Board in December:

- P802.16e <[http:// ieee802.org/16/docs/02/80216-02_48r3.pdf](http://ieee802.org/16/docs/02/80216-02_48r3.pdf)>, to amend IEEE Std 802.16/802.16a to support "Combined Fixed and Mobile Operation" in Licensed Bands between 2 and 6 GHz;
- P802.16d <http:// ieee802.org/16/docs/02/80216-02_47.pdf>, on 2-11 GHz System Profiles;
- P1802.16.2 <http:// ieee802.org/16/docs/02/80216-02_45.pdf>, on the 10-66 GHz Test Suite Structure and Test Purposes.

Best Regards,

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

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

cc: Paul Nikolich, Chair, IEEE 802 LAN/MAN Standards Committee
Marianna Goldhammer, IEEE 802.16 Liaison to ETSI HIPERMAN