

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

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15 July 2004

To: Bernd Friedrichs, Chair, ETSI BRAN  
<mailto:Bernd.Friedrichs@marconi.com>

Dear Bernd,

Thank you for your informative letter of June 17 2004 (BRAN37d044; our [IEEE L802.16-04/19](#)).  
Congratulations on BRAN's conversion to Technical Committee status.

Thank you also for your proposed Memorandum of Understanding (BRAN37d051r2; our [IEEE L802.16-04/21](#)).  
We see good opportunities to strengthen the ETSI BRAN-IEEE 802.16 relationship. We see our relationship with ETSI as an excellent example of IEEE 802.16 collaborating with specific interests to bring about a broader worldwide consensus.

Here are our views regarding your proposed MoU:

- (1) We suggest that a formal MoU should be deferred pending the results of the current discussions regarding a general agreement between IEEE and ETSI. On the other hand, we can pursue useful cooperation in advance of such an agreement.
- (2) We are interested in the idea of incorporating ETSI conformance standards by reference. We currently have an open project to develop a PICS for frequencies below 11 GHz, and this might be a suitable place to begin. You are welcome to submit a response to our Call for Contributions on this topic and might want to suggest therein that IEEE incorporate by reference the ETSI documents. It is likely that, if your input is accepted, we would want to add supplementary material to address elements of our standard that are not covered in ETSI specifications. For this purpose, we appreciate your suggestion of offering copyright permission, provided that we will have permission to modify the material to cover these additional cases.
- (3) We took note of your progress regarding MIB development. We have initiated an effort to develop our own MIB standard and suggest that it might proceed following the process in (2).
- (4) We appreciate the statement that "HiperMAN will take steps to be aligned as much as possible with IEEE 802.16 technical content and IEEE 802.16 members are kindly asked to contribute to this effort, focused now on IEEE 802.16-2004. The above-mentioned Testing and MIBs documents will reflect this alignment." We welcome ETSI to incorporate IEEE 802.16 standards by reference when possible, as you have done previously.
- (5) Regarding ETSI HiperACCESS-IEEE 802.16 harmonization, we would appreciate a proposal from HiperACCESS with a detailed plan regarding the necessary steps and technical benefits of such PHY harmonization. The proposal should keep in mind that a previous PHY harmonization effort was overturned

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during Sponsor Ballot due to the lack of technical justification required to support a change that was not backward compatible with the original published standard.

We encourage further collaboration between our two groups towards the creation of worldwide standards.

Sincerely,

A handwritten signature in blue ink that reads "Roger B. Marks". The signature is written in a cursive style with a large initial 'R'.

Dr. Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Mariana Goldhamer, IEEE 802.16 Liaison to ETSI BRAN  
Paul Nikolich, Chair, IEEE 802 LAN/MAN Standards Committee