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To: Dr. Roger B. Marks  
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Letter regarding the MoU between ETSI-BRAN and IEEE 802.16

Dear Roger,

1. Please find attached the draft of the ETSI BRAN – IEEE 802.16 MoU, having the objective to improve the collaboration between the two standardization groups. If this draft is in line with IEEE 802.16 views, please review and amend as appropriate. When the document is agreed by both parties, it will be submitted to ETSI Board for approval.
2. The existing ETSI - IEEE-SA collaboration agreement, from 1999, should be up-dated to reflect our desire to collaborate. Neither BRAN nor 802.16 are mentioned.

Yours faithfully,

Bernd Friedrichs  
Chairman of ETSI Project BRAN (Broadband Radio Access Networks)

# MoU between ETSI BRAN and IEEE 802.16

- DRAFT -

## Introduction

ETSI BRAN (HiperMAN and HiperACCESS) and IEEE 802.16, developing standards for the BWA (broadband wireless access) market, maintain good relations, enabled by the existing co-operation agreement between ETSI and IEEE-SA. The scope of this MoU is to improve the common effort towards providing the market with the appropriate global standards, for frequencies below 66 GHz, in a timely manner.

There is a clear desire to have common worldwide standards for BWA systems. This is reflected by the cross-membership (many ETSI BRAN members are also active in IEEE 802.16 and vice versa) and the HiperMAN decision to use the common part of the IEEE 802.16 MAC as normative reference.

## Scope of the MoU

- **IEEE 802.16** will consider exploiting the HiperMAN advanced status in the following areas:
  1. Test specifications:
    - a. PICS (Part 1: Protocol Implementation Conformance Statement), expected to be finalized at the end of 2004.
    - b. TSS&TP (Test Suite Structure and Test Purposes), expected to be finalized at the end of 2004.
    - c. ATS (Abstract Test Suite), expected to be finalized in the first quarter of 2005.ETSI could offer to give the copyright to IEEE 802.16 for using all these test specifications.
  2. MIBs (Management Information Base), currently under development, scheduled to be published at the end of 2004.
- **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.
- **BRAN HiperACCESS and 802.16 WirelessMAN-SC** will analyze the possibility of desirable harmonization of the PHY layers (especially related to the coding scheme).

HiperMAN and IEEE 802.16 might address in the future complementary areas, in order to shorten the standardization efforts. HiperMAN can contribute, based on its new ToR or ETSI expertise in addressing higher layers.