

Project	IEEE 802.16 Broadband Wireless Access Working Group	
Title	ETSI BRAN Liaison Letter	
Date Submitted	2000-01-27 (emailed to addressee)	
Source	Roger B. Marks, Chair, 802.16 NIST 325 Broadway, MC 813.00 Boulder, CO 80303	Voice: 303-497-3037 Fax: 303-497-7828 E-mail:r.b.marks@ieee.org
Re:	IEEE 802.161-00/02 < http://ieee802.org/16/liaison/docs/802161-00_02.pdf >	
Abstract	This letter replies to an ETSI BRAN offer to increase the coordination with 802.16 with the ultimate goal of an interoperable standard. It suggests that BRAN representatives attend 802.16 Session #6 to develop a coordination plan.	
Purpose	To further the coordination between 802.16 and ETSI with the intent of developing a harmonious 802.16.1 standard.	
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IEEE 802.16 Working Group on Broadband Wireless Access

<http://ieee802.org/16>

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27 January 2000

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

Dear Jamshid:

On behalf of IEEE 802.16, I thank you for your letter of 7 January 2000 and your proposal for cooperation with ETSI BRAN-HA (HIPERACCESS). We fully understand the potential advantages of harmonious standardization. We appreciate that your suggestion to target a high level of coordination to “define interoperable products” is a significant one and are interested in pursuing it.

Let me offer a brief update on our status. We currently have two active projects:

- 802.16.1 (“Air Interface for Fixed Broadband Wireless Access Systems” in the range 10-66 GHz) is progressing on schedule according to its Development Plan <http://ieee802.org/16/docs/99/80216-99_05.pdf>. We are following our 802.16.1 Functional Requirements Document <http://ieee802.org/16/sysreq/docs/80216s-99_00.pdf> and are currently considering two PHY and two MAC proposals. The plan calls for us to select a proposal on 5 May, refine it within the Working Group, and publish a draft standard by 10 November 2000.
- 802.16.2 (“Coexistence of Broadband Wireless Access Systems”) is aiming to complete a draft recommended practice by May 2000. We have a liaison relationship with ETSI TM4 on this subject.

In addition, we recently initiated a tentative effort to consider an air interface for frequencies below 10 or 11 GHz.

In considering your very helpful summary of recent HA decisions, it is clear that our groups take a different approach to development. Instead of making group decisions on specific technical points, we are considering complete proposals from participants. I hope that this difference would not impede our cooperation.

While your summary provides us with a general view of the HA status and process, most of the IEEE 802.16 members have rather limited insight into the work and plans of HA. Taking into account the aggressive schedule of both organizations, we propose the following:

- I hereby invite ETSI/BRAN-HA representatives to attend IEEE 802.16 Session #6 (6-9 March 2000 in Albuquerque, New Mexico, USA) and make a presentation, followed by a question and answer period, in front of the Working Group on 6 March. I propose to also arrange small-group discussions

during the week that would hopefully lead to an agreement on how to proceed. We could ask 802.16 to affirm this plan at the Closing Plenary on 9 March. Please note that Session #6 is held as part of the IEEE 802 Plenary Session, which might provide some additional opportunities of interest to BRAN. 802 would waive the registration fee for a limited number of representatives.

- Regarding your suggestion of a Joint Meeting, we are open to discussion on the timing. Our meeting plans are readily accessible <<http://ieee802.org/16/calendar.html>>. This schedule should be considered in conjunction with the 802.16.1 Development Plan <http://ieee802.org/16/docs/99/80216-99_05.pdf>. We would be pleased to see a similar development plan for HA if one is available.
- We would like to encourage documentation exchange between the organizations. While IEEE 802.16 places most of its documents on a public web site, the group also has a private site that is restricted by password to Members. Documents given to our group can be limited to this restricted site if you specify.

Should we agree to a cooperation, I suggest that the “Co-operation Agreement between ETSI and IEEE-SA” (effective 21 April 1999) would provide an opportunity for joint work. Any agreement we reach could be cast in the form of an Annex to that document.

Sincerely,



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

P.S. Note that I have taken the liberty of posting your 7 January letter to the 802.16 public site. Unless I hear otherwise, I will continue to handle such letters this way in the future. Be advised that you may release any communications I send to you, unless I request otherwise therein.