

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Cooperation Agreement between IEEE 802.16 and ETSI BRAN (Proposed)	
Date Submitted	2000-05-05	
Source(s)	Roger Marks NIST 325 Broadway, MC 813.00 Boulder, CO 80303	Voice: +1-303-497-3037 Fax: +1-303-497-7828 mailto:r.b.marks@ieee.org
Re:	"Co-operation Agreement between ETSI and IEEE-SA" < http://ieee802.org/16/liaison/bran/IEEE_ETSI.pdf >	
Abstract	This is a proposed addition to Annex 1 ("Technical co-operation covered by the Agreement") of the "Co-operation Agreement between ETSI and IEEE-SA." It specifies a process for the cooperation of IEEE 802.16 with the HIPERACCESS topic of the Broadband Radio Access Networks (BRAN) project of the European Telecommunications Standards Institute (ETSI).	
Purpose	This proposed agreement was accepted by IEEE 802.16 at the Closing Plenary of Session #7 on 5 May 2000. Following the Closing Plenary, in a Joint Meeting, ETSI BRAN HIPERACCESS indicated their acceptance of the agreement. Both sides agreed to pursue approval, 802.16 by seeking the approval of IEEE 802 and the IEEE-SA.	
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Proposed Addition to Annex 1 ("Technical co-operation covered by the Agreement") of the "Co-operation Agreement between ETSI and IEEE-SA"

4) Metropolitan Area Networks for Fixed Broadband Wireless Access

Both ETSI and IEEE-SA are concerned with interoperability standards for use in Metropolitan Area Networks providing Fixed Broadband Wireless Access. Such efforts are carried out in ETSI through the BRAN project (specifically through the HIPERACCESS topic [BRAN-HA]) and in IEEE-SA through Working Group 802.16 on Broadband Wireless Access [802.16].

Through this Annex, ETSI and IEEE-SA agree to a cooperation between the groups BRAN-HA and 802.16 with the following terms:

- BRAN-HA and 802.16 may each appoint a Liaison to the other group. Liaisons will be provided all group notices and may attend all group meetings subject to the normal registration fees. Liaisons are eligible to provide input documents and to recommend document changes with the same privileges of a member. Liaisons may appoint replacement delegates to attend meetings and make presentations.
- If recommendations relayed by a Liaison are not accepted in full by a group, the group will reply with an explanation of its concerns and, if possible, a suggested alternative proposition.
- Copies of relevant working documents and drafts from either group will be made available upon request. For this purpose, 802.16 will provide a password-protected web site for documents from both groups, with access restricted to Members and Observers of 802.16 and to individuals who have attended a recent BRAN-HA meeting.

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a) ETSI - EP BRAN:

Terms of Reference:

Broadband Access Networks

to produce specifications for high quality fixed radio access networks as described in the Radio Equipment and Systems (RES); Radio Local Loop (RLL) Co-ordination Group; Survey of ETSI activities and Recommendations for ETSI Work Program (TR 101 030); High Performance Radio Access (HIPERACCESS);

to produce specifications for high quality business, residential and public access radio access networks as described in Radio Equipment and Systems (RES); High Performance Radio Local Area Networks (HIPERLAN); HIPERLAN Requirements and architectures for Asynchronous Transfer Mode (ATM) (TR 101 031);

to exploit the commonality between these systems to the benefit of both.

The Project shall complement other activities within ETSI such as:

- TM4 P-MP systems;
- the Cordless Terminal Mobility (CTM) project;

the Corporate Networks (CN) project; and DECT, GSM, GRAN.

It should take note of standardization work in other bodies, notably the ATM Forum, the Internet Engineering Task Force (IETF), European Computer Manufacturers Association (ECMA) and DAVIC, and avoid unnecessary duplication.

b) IEEE-SA 802.16

Terms of Reference:

The mission of IEEE Working Group 802.16, a unit of the IEEE 802 LAN/MAN Standards Committee, is "to develop standards and recommended practices to support the development and deployment of fixed broadband wireless access systems." 802.16's air interface standards projects include the 802.16.1 and 802.16.3 projects. The scope of 802.16.1 is as follows: "This standard specifies the physical layer and media access control layer of the air interface of interoperable fixed point-to-multipoint broadband wireless access systems. The specification enables transport of data, video, and voice services. It applies to systems operating in the vicinity of 30 GHz but is broadly applicable to systems operating between 10 and 66 GHz." The scope of 802.16.3 is as follows: "This standard specifies the physical layer and media access control layer of the air interface of interoperable fixed point-to-multipoint broadband wireless access systems (e.g., those supporting data rates of DS1/E1 or greater). The specification enables access to data, video, and voice services with a specified quality of service in licensed bands designated for public network access. It applies to systems operating between 2 and 11 GHz."