

INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau

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Contact: F. Leite
Tel: +41 22 730 5940
Fax: +41 22 730 6456
E-Mail: fabio.leite@itu.int

Dr. Roger B Marks
NIST
325 Broadway, MC 813.00
Boulder, CO 80305 USA

Subject: **Collaboration ITU-R / IEEE 802.16 on broadband wireless access**

Dear Dr. Marks,

I am attaching a letter prepared by the ITU-R Working Party 9B on broadband wireless access to report on the progress made during their recent meeting.

We look forward to strengthening the collaboration with IEEE 802.16 Project.

I stay at your disposal for any information or clarification you may need on this subject.

Yours sincerely,

Fabio S. Leite
Counsellor,
Fixed Wireless Systems

Attachment: 1

Attachment

(Source: Doc. 9B/TEMP/44)

Letter to IEEE (attention IEEE 802.16 Working Group)

BROADBAND WIRELESS ACCESS STANDARDS IN THE FIXED SERVICE

ITU-R Working Party 9B (WP 9B) thanks ETSI and IEEE for your liaison contributions ([Doc. 9B/56](#) and [Doc. 9B/57](#), respectively) on standards for broadband wireless access in the fixed service.

WP 9B is pleased to inform you that your contributions have been incorporated in our work.

WP 9B has developed a preliminary draft new Recommendation (PDNR) ITU-R F.[9B/BWA] "Radio interface standards for broadband wireless access (BWA) systems in the fixed service operating below 66 GHz" (attached). This Recommendation identifies radio interface specifications for BWA systems in the fixed service and it provides references to your standards for interoperability between BWA systems.

The work on this subject has been carried out with significant efforts. However, during the meeting, it has been pointed out from some administrations that further study is required before submitting the text to Study Group 9 for adoption. The items raised include:

- to review the IEEE 802.16-2004 standard which was made available only during the meeting;
- to consider possible definition, extent and comparison of the interoperability with respect to these standards referenced in this Recommendation.

Therefore, WP 9B could not complete the work toward a draft new Recommendations on BWA standards, but intends to continue the remaining studies under a Correspondence Group.

WP 9B is also developing another working document toward a PDNR on "Technical and operational requirements for BWA in the fixed service (also attached).

We would welcome your inputs or any advice to enable us to complete our work toward a Recommendation on BWA standards at the next meeting (to be held in April 2005), and would keep you posted on our progress.

Attachments: Document [9B/83](#) (Annex 6), "Preliminary draft new Recommendation ITU-R F.[9B/BWA] "Radio interface standards for broadband wireless access (BWA) systems in the fixed service operating below 66 GHz" (separate file).

Note: Annex 6 is available as [IEEE L802.16-04/31](#).
Document [9B/83](#) (Annex 12), "Working document towards a preliminary draft new Recommendation (PDNR) on Technical and operational requirements for BWA in the fixed service" (separate file).

Note: Annex 12 is available as [IEEE L802.16-04/32](#).
