To: wery@sympatico.ca
From: "Roger B. Marks" <marks@boulder.nist.gov>
Subject: IEEE 802.16 Working Group on Broadband Wireless Access
Cc: Paolo.Rosa@itu.int, houlin.zhao@itu.int, reinhard.scholl@itu.int,
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Bcc:
Date:2003-10-21

To: Peter H. K. Wery, Chairman, ITU-T Study Group 15

Dear Mr. Wery,

Thank you for taking the time to meet with me on Sunday.

I am writing in my capacity as Chair of the IEEE 802.16 Working Group on Broadband
Wireless Access (though I am not speaking formally for the Group). The IEEE 802.16
Working Group has developed IEEE Standard 802.16-2001 ("Air Interface for Fixed
Broadband Wireless Access Systems") and several amendments and related standards. The
standard describes a broadband access system for carrier-class last-mile access to
public networks, both ATM and IP, with full QoS support. The Working Group is
actively continuing to refine, expand, and enhance the standards. Commercial
implementations are being developed and announced.

I have met on 16 October with Paolo Rosa [ITU-T SG 15 Counsellor], Simao Campos
[ITU-T SG 16 Counsellor], Fabio Leite [ITU-R SG9 Counsellor], Jose Costa [Principal
Rapporteur, ITR-R WP 8A, JRG 8A-9B], and Houlin Zhao [ITU TSB Director]. I also had
many valuable discussions during the past week with those gentleman, as well as with
Reinhard Scholl [ITU TSB Deputy Director], Valery Timofeev [ITU BR Director], and
Hamadoun Toure [ITU BDT Director]. The discussions have pointed up the many possible
relationships to explore between the IEEE 802.16 Working Group and the ITU (including
ITU-T, ITU-R, and ITU-D). For instance, I understand that ITU-D Question 20/2
suggests a need to establish a roadmap for the choices of wireless broadband access
solutions for rural and underserved areas. Furthermore, a number of overlaps of
interest exist between IEEE 802.16 and ITU-R. As we discussed, I also believe that
the industry could benefit from ITU-T expertise and recommendations in areas related
to the IEEE 802.16 standards but outside the scope of our Working Group, which is
limited to network layers 1 and 2. Possible examples included network management and
end-to-end services.

I am hoping that ITU-T Study Group 15, as Lead Study Group in the area of Access
Network Transport, can provide some further information regarding areas of overlap
with IEEE 802.16. I would also like to know of any interest within Study Group 15
regarding possible cooperative activities.

Please note that IEEE is included among ITU-T's "Organizations Qualified for
Including References in ITU-T Recommendations under Rec. A.5 Procedures" and
"National and Regional Standards Development Organizations Under Evaluation and/or
approved for Cooperation and Exchange of Information under Rec. A.6."

The IEEE 802.16 Working Group meets the week of 10-14 November. Documentation
regarding our activities, including our full standards, is available at our web site
<http://ieee802.org/16>.

Regards,

Roger

Dr. Roger B. Marks   <mailto:marks@nist.gov>
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