

IEEE/ITU Conference Call of 28 October 2003, at 15 hours GMT**1. Participants**

- Roger Marks, IEEE, 802.16 Chairman
- José Costa, ITU-R Vice-Chairman SG8 and JRG 8A-9B Principal Rapporteur (WP 8A)
- Haim Mazar, ITU-R Vice-Chairman SG9 and JRG 8A-9B Principal Rapporteur (WP 9B)
- Peter Wery, ITU-T SG15, Chairman
- Kevin Hughes, ITU-BR SG Dept. Head
- Fabio Leite, ITU-BR SG Dept. Counsellor

2. Notes**2.1 Opening**

Background:

-based on the framework of activities on wireless access systems carried out in ITU-R as described at <http://www.itu.int/ITU-R/study-groups/was/itu/index.html> and the standards developed by IEEE 802.16 as shown at <http://wirelessman.org>, there could be mutual interest in exploring the synergies resulting from a closer collaboration between ITU-T and ITU-R on the ITU side, and IEEE 802.16;

-liaison activity has already been kicked off with ITU-T SG15 (see Doc. Doc. TG 52 (GEN):

<http://www.itu.int/md/meetingdoc.asp?type=mitems&lang=e&parent=T01-SG15-031021-TD-GEN-0052>).

Discussions:

- briefings on related activities in IEEE, ITU-R and ITU-T were provided and reference were made to initial discussions among R. Marks and ITU representatives during the week of World TELECOM 2003 (13-19 Oct.);
- the main purpose of the conference call discussions was to clarify directions and approaches for interactions between IEEE 802.16 and ITU-R.

2.2 Possible objectives

Background:

- short-term: establish effective liaison links between ITU-R relevant groups (JRG 8A-9B, 8A, and 9B) and IEEE 802.16 to facilitate collaboration (e.g., nomination of liaison contact persons);
- medium-term: a) develop a draft ITU-R Recommendation based on IEEE 802.16 standard for wireless MAN containing, for example, reference to IEEE air interface standards, list preferred frequency bands, reference sister ITU-T network Recommendations (model: Recs. ITU-R F.1499/ITU-T J.116); b)) actively participate in elaboration of document to respond to ITU-D Q.20/2 request for the preparation of the relevant part of a roadmap for the choices of wireless broadband access solutions for rural and underserved areas.
- long-term: pursue close collaboration on this and future projects; consider the potential implications of future IEEE 802.16 mobility enhancements on fixed/mobile development.

Discussions:

- there was agreement on the convenience to appoint liaison rapporteurs in IEEE and ITU-R;
- on the draft new ITU-R Recommendation based on IEEE 802.16 standards, concerns were expressed on the possible difficulties from the inclusion of regulatory/spectrum aspects noting that priority should be given to its technical elements; notwithstanding these concerns, opinions were that regulatory/spectrum aspects are the main value added by ITU-R as well as the global approach and visibility given by ITU-R Rec.;
- the work towards responding to ITU-D demand is important; it could be conducted in ITU-R by active players developing a new question and contributing studies; coordination between ITU and IEEE 802.16 will assist in identifying "the technical and development factors influencing the effective deployment of broadband access technologies and applications", to effectively respond to ITU-D Q.20/2;
- regarding fixed/mobile developments, IEEE Project 802.16e is expected to be complete in one year time; proposals were made that this aspect be addressed in a future draft ITU-R Rec.

2.3 Action items

- IEEE 802.16 meeting (10-14 Nov.03) will discuss liaison activities with ITU and consider preparing a letter covering ITU-R aspects and the review of the nomination of a liaison officer with ITU-R and possibly ITU-T SG 15;

- IEEE 802.16 will propose what the expected ITU-R Recommendation should cover;
 - ITU-R meetings (JRG 8A-9B on 24-28 Nov.03) and WP9B (19-27 Feb.04) will consider nomination of liaison rapporteurs with IEEE 802.16;
 - ITU secretariat in coordination with group (and parents group) chairmen will streamline internal ITU (ITU-R/T) interactions regarding liaison with IEEE.
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