

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Report of the meeting of the ITU ad hoc group during Session #41	
Date Submitted	2006-01-12	
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Re:	Preparation of liaison contributions to ITU-R.	
Abstract	<p>The activities of the ad hoc group cover four areas:</p> <ol style="list-style-type: none"> 1) ITU-R WP 8A on IEEE 802.16e in Mobile Service frequency bands. 2) ITU-R WP 9B on IEEE 802.16-2004 in Fixed Service frequency bands. 3) ITU-R JTG 6-8-9 on sharing with satellites in the band 2500-2690 MHz. 4) ITU-R WP 8F on services survey and IP applications. 	
Purpose	Approve the proposed actions to contribute to ITU-R	
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Report of the meeting of the ITU liaison group during Session #41

José Costa (ITU-R Liaison Official)

Introduction

The ITU ad hoc group met from 8:10 to 10:10 hours on Wednesday, 11 January 2006, in New Delhi, India, chaired by José Costa. Eight people participated. The following agenda was adopted:

1. Introductions and approval of agenda
2. Adoption of report of the meeting in Vancouver ([IEEE L80216-05/060](#))
3. Brief reports on relevant ITU-R meetings
 - SG 8
 - SG 9
4. Action items from the meeting in Vancouver (see [IEEE L80216-05/060](#))
 - 4.1. [IEEE L802.16-05/055](#): Liaison from WP 8A on BWA
 - 4.2. [IEEE L802.16-05/056](#): Liaison from WP 8F on IP applications over wireless systems
5. Future ITU-R meetings
 - WP 8F (Jan 2006)
 - JTG 6-8-9 (Feb 2006)
 - WP 8A (Mar 2006)
 - WP 8F (May 2006)
 - WP 9B (June 2006)
6. Other business

Results

The report of the previous meeting was adopted: Document [IEEE L80216-05/060](#).

The chair gave a brief report of relevant recent ITU-R meetings (see electronic attachment):



The main item of business for this meeting was the development of responses to two liaison statements from ITU-R WP 8A (on BWA) and WP 8F (on IP applications over mobile systems).

IEEE L802.16-05/055: The liaison statement from WP 8A was reviewed by the ITU ad hoc group and the tentative criteria for the evaluation of BWA standards that was generated during Session #40 was revised as follows:

Proposed criteria for evaluation of BWA standards in Attachment 2 to **IEEE L802.16-05/055:**

1. Satisfy the ITU-R definition of “broadband” (i.e., services at greater than 1.544 Mbit/s)
2. Capable of supporting multiple users at broadband rates
3. Be able to operate in frequency bands allocated to the Mobile Service under 6 GHz
4. Be able to support broadband services for mobile station vehicular speeds greater than 120 km/h.
5. Be able to support handover for mobility
6. Minimum spectral efficiency of [2] bit/s/Hz per cell in cellular deployment.

It was agreed to create an initial draft contribution (Doc. IEEE L802.16-06/003d0) to WP 8A that will be developed further by correspondence¹ and the ITU-R Liaison Official should provide a draft to the chairman of the IEEE 802.16 WG by 1 February 2006 for distribution to the IEEE 802 Executive Committee, with the expectation that the final version of the contribution can be readily approved by the IEEE 802 Executive Committee at their meeting in Denver on 10 March 2006 after the WG approves it (Note: deadline for contributions to WP 8A is 13 March 2006).

IEEE L802.16-05/056: It was agreed to create an initial draft contribution (Doc. IEEE L802.16-06/004d0) to WP 8F based on the material kindly provided by Henry Taylor. This draft will be developed further by correspondence¹ and the ITU-R Liaison Official should provide a draft to the chairman of the IEEE 802.16 WG in advance of the IEEE 802 March meeting for distribution to the IEEE 802 Executive Committee, with the expectation that the final version of the contribution can be readily approved by the IEEE 802 Executive Committee at their meeting in Denver on 10 March 2006 after the WG approves it. IEEE 802.16 members interested in assisting are invited to join the correspondence activities by sending material to [José Costa](#) (ITU-R Liaison Official).

It was pointed out that the WiMAX Forum has also developed input material on this topic for the January 2006 meeting of WP 8F, which could be similar to the IEEE contribution. The draft IEEE contribution will be compared with the WiMAX Forum contribution when available and any duplication will be removed from the IEEE contribution.

The ITU liaison group chair concluded the meeting by giving an overview of future ITU-R meetings (see list under item 5 of the agenda above).

There was no other business.

¹ IEEE 802.16 members wishing to assist with the development of the contribution by correspondence please send a note to [José Costa](#) (ITU-R Liaison Official).