

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Report of the meeting of the ad hoc group on ITU-R liaisons during Session #37</b>	
Date Submitted	<b>2005-05-05</b>	
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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"> <li>1) ITU-R WP 8A on IEEE 802.16e in Mobile Service frequency bands.</li> <li>2) ITU-R WP 9B on IEEE 802.16-2004 in Fixed Service frequency bands.</li> <li>3) ITU-R JTG 6-8-9 on sharing with satellites in the band 2500-2690 MHz.</li> <li>4) ITU-R WP 8F on services survey and sharing with IMT-2000 in the band 2500-2690 MHz.</li> </ol>	
Purpose	Approve the proposed actions to contribute to ITU-R	
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# Report of the meeting of the ad hoc group on ITU-R liaisons during Session #37

*José Costa (ITU-R Liaison Official)*

## Introduction

At the opening plenary of Session #37, the ITU-R Liaison Official was asked to convene a group of interested participants and the following topics were addressed:

- 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 sharing with IMT-2000 in the band 2500-2690 MHz.

The ad hoc group met from 9:05 to 10:30 hours on Wednesday, 4 May 2005.

**Participants:** Marianna Goldhammer, Roger Marks, Jim Carlo, Barry Lewis, Andy Sago, Rémi Chayer, Reza Arefi, Subramanian Vasudevan, Max Riegel, Scott Probasco, Nader Zein, Mike Lynch, John Humbert, and José Costa.

The report of the last meeting was approved: [IEEE L802.16-05/030r1](#).

## Results

### 1. Results of the meeting of ITU-R WP 8A on the proposed IEEE contribution to ITU-R on "Detailed specifications of the radio interfaces for mobile broadband wireless access (BWA) systems under 6 GHz"

ITU-R WP 8A met from 11-15 April 2005 in Geneva. Contribution [IEEE L802.16-05/028r4](#) (also available as [ITU-R Document 8A/178-E](#) with TIES password), which proposes a working document towards a preliminary draft new Recommendation in ITU-R on "Detailed specifications of the radio interfaces for mobile broadband wireless access (BWA) systems under 6 GHz", was presented and discussed. It was annexed to the chairman's report for further consideration at the next meeting of WP8A in September. Attachment 1 in Document [IEEE L802.16-05/037](#) contains the working document and Attachment 2 in Document [IEEE L802.16-05/037](#) contains the draft report of the working group that considered the IEEE contribution.

**ACTION:** IEEE 802.16 should consider at its meeting (#38) in July 2005 whether to contribute to ITU-R WP 8A to improve the working document.

## 2. Results of the meeting of ITU-R WP 9B on IEEE 802.16-2004 in Fixed Service frequency bands

ITU-R WP 9B met from 20-28 April 2005 in Tunis. Document [IEEE L802.16-05/034](#) (requires [802.16 password](#)) contains the liaison response from ITU-R to IEEE 802.16. Further information is contained in the report of Sub-Working Party 9B-1 (SWP 9B-1), included as Attachment 3 in Document [IEEE L802.16-05/037](#). The working document towards a Preliminary Draft New Recommendation “Technical and operational requirements for broadband wireless access in the fixed service” is also included as Attachment 4 in Document [IEEE L802.16-05/037](#).

**ACTION:** IEEE 802.16 should consider at its meeting (#38) in July 2005 whether to contribute to ITU-R WP 9B to improve the working document.

## 3. IEEE Contribution to ITU-R JTG 6-8-9: “Characteristics of IEEE 802.16 Systems in 2500-2690 MHz”

The results of the JTG 6-8-9 meeting were previously reported in Document [IEEE L802.16-05/013](#). IEEE 802.16 should develop an additional contribution by Session #38. It was noted that JTG 6-8-9 would prefer to receive the information on antenna elevation patterns in the form of equations rather than tables.

**ACTION:** IEEE 802.16 members should provide inputs to the ITU-R Liaison Officer ([José Costa](#)) before 20 June 2005 with the objective of drafting a contribution for ITU-R JTG 6-8-9 for consideration and approval at the IEEE 802.16 meeting (#38) in July 2005.

## 4. ITU-R WP 8F on services survey and sharing with IMT-2000 in the band 2500-2690 MHz

### 4.1 Services and Market Survey

There was nothing new to report since the previous meeting of IEEE 802.16 (please refer to Document [IEEE L802.16-05/030r1](#)).

### 4.2 Sharing Studies

Contribution [IEEE C802.16-05/012](#) from the WiMAX Forum [temporarily available as [L80216-05\\_035d0.doc](#) on the Sorrento upload server] was presented and discussed; which is a follow up to contribution [IEEE C802.16-05/003](#). This contribution proposes characteristics of IEEE 802.16 systems for sharing studies in ITU-R WP 8F. It was noted that IEEE should provide consistent information to ITU-R and rationalize the information to be provided to JTG 6-8-9 and WP 8F. This should be addressed at the July meeting (#38) of IEEE 802.16.

**ACTION:** IEEE 802.16 members should provide inputs to the ITU-R Liaison Officer ([José Costa](#)) before 20 June 2005 with the objective of completing the proposed contribution to ITU-R WP 8F for consideration and approval at the IEEE 802.16 meeting (#38) in July 2005.