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| 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 ITU-R liaison group during Session #51</b>  |  |
| Date Submitted | <b>2007-09-20</b>   |  |
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| Re:            | Preparation of liaison contributions to ITU-R.  |  |
| Abstract       | <p>The activities of the ITU-R Liaison Group include:</p> <ol style="list-style-type: none"> <li>1) ITU-R WP 8A on IEEE 802.16 in Mobile Service frequency bands.</li> <li>2) ITU-R WP 9B on IEEE 802.16 in Fixed Service frequency bands.</li> <li>3) ITU-R WP 8F on IMT (including IMT-2000 and IMT-Advanced)</li> </ol>  |  |
| Purpose        | Approve the proposed actions to contribute to ITU-R.  |  |
| Notice         | <i>This document does not represent the agreed views of the IEEE 802.16 Working Group or any of its subgroups. It represents only the views of the participants listed in the "Source(s)" field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.</i>  |  |
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| Patent Policy  | <p>The contributor is familiar with the IEEE-SA Patent Policy and Procedures:<br/> <a href="http://standards.ieee.org/guides/bylaws/sect6-7.html#6">http://standards.ieee.org/guides/bylaws/sect6-7.html#6</a> and<br/> <a href="http://standards.ieee.org/guides/opman/sect6.html#6.3">http://standards.ieee.org/guides/opman/sect6.html#6.3</a>.</p> <p>Further information is located at <a href="http://standards.ieee.org/board/pat/pat-material.html">http://standards.ieee.org/board/pat/pat-material.html</a> and<br/> <a href="http://standards.ieee.org/board/pat">http://standards.ieee.org/board/pat</a>.</p> |  |

# Report of the meeting of the ITU-R liaison group during Session #51

*José Costa (ITU-R Liaison Official)*

## Introduction

At the opening plenary of Session #51 of the IEEE 802.16 WG the ITU-R Liaison Official presented an overview of the contributions received:

| Input contribution | Source                | Contribution Title   | Source file used                                      | ITU-R Reference that should be used   | Subject   |
|--------------------|-----------------------|--|---|---|---|
| C802.16-07/021     | Mark Cudak (Motorola) | Proposed input to IEEE 802.18 on ITU-R SWG Radio Aspects                           | L802.16-07/055 (Attachment 6.8 to ITU-R Doc. 8F/1322) | Attachment 6.8 to ITU-R Doc. 8F/1322  | M.[IMT.TECH]  |
| C802.16-07/022     | Sassan Ahmadi (Intel) | Proposed Inputs to IEEE 802.18 on IMT-Advanced Requirements (Edited 8F/TEMP/560-E) | ITU-R Doc. 8F/TEMP/560                                | Attachment 7.6 to ITU-R Doc. 8F/1322 (source Doc. 8F/TEMP/560R1)                          | Annex 4 to CL   |
| C802.16-07/023     | Sassan Ahmadi (Intel) | Proposed Inputs to IEEE 802.18 on IMT-Advanced Requirements (Edited 8F/TEMP/575-E) | ITU-R Doc. 8F/TEMP/575                                | Attachment 7.8 to ITU-R Doc. 8F/1322<br><br>Part of Attachment 7.10 to ITU-R Doc. 8F/1322 | Annexes 6, 7 and 8 (Technology-related matters)<br><br>Submission guidelines & template for details of submission |
| C802.16-07/024     | Sassan Ahmadi (Intel) | Proposed Inputs to IEEE 802.18 on IMT-Advanced Requirements (Edited 8F/TEMP/574-E) | ITU-R Doc. 8F/TEMP/574                                | Attachment 6.8 to ITU-R Doc. 8F/1322  | M.[IMT.TECH]  |

The IEEE 802.16 WG passed a motion authorizing the ITU-R Liaison Group and Task Group m to draft and approve a liaison statement from IEEE 802.16 to 802.18 on IMT-Advanced technical requirements for submission to 802.18 in time during their concurrent meeting in Hawaii.

## Results of the ITU-R Liaison Group meeting

The ITU liaison group met from 15:00 to 20:00 hours on Monday, 17 September 2007, from 16:00 to 19:30 hours on Tuesday, 18 September 2007; and from 15:10 to 18:00 hours on Wednesday, 19 September 2007, in Málaga, Spain, chaired by José Costa. About 14 people participated.

### IMT-Advanced Requirements

On the basis of input documents IEEE C802.16-07/021 and C802.16-07/024 a draft liaison statement to 802.18 on IMT-Advanced requirements was prepared and tentatively approved. After presenting it to Task Group m it was approved and was transmitted to 802.18 by the Chairman of the 802.16 WG ([Doc. L802.16-07/059](#)).

### ITU-R draft Circular Letter on IMT-Advanced

With regards to input documents IEEE C802.16-07/022 and C802.16-07/023 on the ITU-R draft Circular Letter for IMT-Advanced, it was decided to consider the proposals for the draft circular letter later, after the minimum requirements have been agreed.

A liaison statement was prepared for 802.18 to propose a process and schedule for completing the work on the circular letter in November.

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| <b>Motion:</b> "To approve <a href="#">IEEE L802.16-07/060d0</a> and authorize the WG Chair to send it 802.18." |
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### Coordination of 802 radio interface technology submission(s) to ITU-R for IMT-Advanced

The development/coordination of 802 radio interface technology submission(s) to ITU-R for IMT-Advanced was discussed. Noting that multiple 802 Working Groups plan to submit their technology specifications to ITU-R for

consideration in IMT-Advanced the liaison group considered that forcing an 802-wide collaboration on technology standards for IMT-Advanced would be cumbersome, untimely, and ultimately unsuccessful. It was concluded that more timely and effective results can be achieved when individual Working Groups voluntarily coordinate the development of their individual IMT-Advanced proposals.

A liaison statement was prepared for 802.18 on the development/coordination of 802 radio interface technology submission(s) to ITU-R for IMT-Advanced.

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| MOTION: "To approve <a href="#">IEEE L802.16-07/061d0</a> and authorize the WG Chair to send it 802.18." |
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### **Closing**

The report of the previous meeting of the ITU-R Liaison Group ([IEEE L802.16-07/050r1](#)) was approved.

The ITU-R Liaison Official thanked Scott Probasco and Jose Puthenkulam for their assistance in drafting the group's liaison statements.

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