

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Report of the meeting of the ITU-R Liaison Group during Session #55	
Date Submitted	2008-05-15	
Source(s)	José M. Costa (ITU-R Liaison Official) NORTEL 3500 Carling Avenue Ottawa, Ontario CANADA K2H 8E9	Voice: +1 613 763-7574 E-mail: costa@nortel.com
Re:	Preparation of liaison contributions to ITU-R.	
Abstract	The activities of the ITU-R Liaison Group include: 1) ITU-R WP 5A on IEEE 802.16 in Mobile and Fixed Service frequency bands. 2) ITU-R WP 5D on IEEE 802.16 in IMT (including IMT-2000 and IMT-Advanced).	
Purpose	Approve the proposed actions to contribute to ITU-R.	
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Report of the meeting of the ITU-R liaison group during Session #55

José Costa (ITU-R Liaison Official)

1. Introduction

At the opening plenary of Session #55 of the IEEE 802.16 WG the ITU-R Liaison Official presented an overview of the input liaison statements received, including the work plan and the draft agenda for the ITU-R Liaison Group meeting.

The IEEE 802.16 WG passed the following motion:

“To authorize the ITU-R Liaison Group to draft documents as needed, tentatively approve them on behalf of the WG (subject to confirmation at the 802.16 Closing Plenary), and submit them for 802.18 consideration.”

2. Documents considered

Input Liaison Statements (6):

- [IEEE L802.16-08/024](#): Liaison Statement from WiMAX Forum: Proposed update to ITU-R Recommendation M.1457 (2008-05-07)
- [IEEE L802.16-08/025](#): Draft Contribution from WiMAX Forum to ITU-R WP 5D: Update of Subclause 5.6 of Rec. ITU-R M.1457 (2008-05-07)
- [IEEE L802.16-08/026](#): Liaison Statement from WiMAX Forum: Liaison from ITU-R WP 5D on ACS (2008-05-07)
- [IEEE L802.16-08/027](#): Draft Contribution from WiMAX Forum to ITU-R WP 5D: Response to Request for Clarification on OFDMA TDD WMAN BS and MS ACS Values (2008-05-07)
- [IEEE L802.16-08/028](#): Report of WP 5D IMT.TECH Correspondence Group (2008-04-29)
- [IEEE L802.16-08/029](#): Report of WP 5D IMT.EVAL Correspondence Group (2008-04-29)

3. Results of the ITU-R Liaison Group meeting

The ITU-R liaison group met from 16:00 to 19:00 hours on Monday, 12 May 2008, from 08:30 to 12:00 hours and from 13:30 to 17:00 hours on Tuesday, 13 May 2008; from 08:30 to 12:00 hours and from 13:30 to 18:45 hours on Wednesday, 14 May 2008, and from 08:45 to 12:00 hours and from 13:45 to 17:00 hours on Thursday, 15 May 2008, in Macao, P.R. China, chaired by José Costa. About 14 people participated.

The draft agenda for the meeting was adopted:

1. Opening remarks
2. Approval of the draft agenda
3. Approval of previous report ([IEEE L802.16-08/018](#))
4. Consideration of input liaison statements
5. Consideration of input contributions
6. Development of draft contributions for consideration by 802.16 and 802.18
7. ITU-R liaison group work plan for future 802.16 sessions
8. Other business

The report of the ITU-R Liaison Group meeting during Session #54 ([IEEE L802.16-08/018](#)) was approved.

3.1 Output documents (5)

L80216-08/030d0: Proposed comments on Draft ECC Report 120

L80216-08/030d1: Proposed comments on Draft ECC Report 120 (as amended and approved by 802.18).

L80216-08/031d0: [Draft] Liaison Statement to WiMAX Forum on the ITU-R WP 5D Liaison Statement to IEEE and WiMAX Forum on ACS.

L80216-08/032d0: Proposed Amendments to [IMT.EVAL].

L80216-08/033: Submission to 802.18 suggesting comments to FCC regarding Public Notice on 2360-2400 MHz band.

L80216-08/034d1: Liaison Statement to WiMAX Forum on update of Recommendation ITU-R M.1457.

3.2 Summary of discussions and proposed motions

3.2.1 Public consultation on Draft ECC Report 120 (“Technical requirements for UWB DAA (Detect And Avoid) devices to ensure the protection of radiolocation in the bands 3.1-3.4 GHz and 8.5-9 GHz and BWA terminals in the band 3.4-4.2 GHz”)

The public consultation on Draft ECC Report 120 was discussed, comments were prepared, tentatively approved, and transmitted to 802.18 (Doc. L802.16-08/030d0). The meeting was informed that 802.18 approved the document with editorial amendments (Doc. L802.16-08/030d1).

Motion: "To confirm the approval of IEEE L802.16-08/030d1, and authorize the WG Chair to follow up with 802.18 and support an associated motion at the 802 EC as required."

3.2.2 Clarification on OFDMA TDD WMAN Base Station and Mobile Station ACS values

A liaison statement from the WiMAX Forum was discussed ([IEEE L802.16-08/026](#) and [IEEE L802.16-08/027](#)) and a draft response to the WiMAX Forum was prepared (L802.16-08/031d0).

Motion: "To approve IEEE L802.16-08/031d0 and authorize the WG Chair to send it to the WiMAX Forum."

3.2.3 Proposed amendments to evaluation guidelines for IMT-Advanced proposals

The results of the ITU-R WP 5D correspondence activities on minimum technical requirements for IMT-Advanced candidate radio interface proposals ([IEEE L802.16-08/028](#)) and the corresponding evaluation guidelines ([IEEE L802.16-08/029](#)) were noted and discussed. It was noted that ITU-R WP 5D did not fully incorporate the previous comments on IMT.EVAL in Doc. 5D/5. A follow up draft contribution was prepared, tentatively approved, and transmitted to 802.18 (IEEE L802.16-08/032d0).

Motion: "To confirm the approval of IEEE L802.16-08/032d0 and authorize the WG Chair to follow up with 802.18 and support an associated motion at the 802 EC as required."

3.2.4 Proposed comments regarding FCC Public Notice on 2360-2400 MHz band

A FCC Public Notice on 2360-2400 MHz band was discussed and draft comments were prepared, tentatively approved, and transmitted to 802.18 (IEEE L802.16-08/033).

Motion: "To confirm the approval of IEEE L802.16-08/033 and authorize the WG Chair to follow up with 802.18 and support an associated motion at the 802 EC as required."

3.2.5 Update of Recommendation ITU-R M.1457

A draft liaison to the WiMAX Forum ([IEEE L802.16-08/024](#) and [IEEE L802.16-08/025](#)) was discussed and a liaison response was prepared regarding future actions for the update of Recommendation ITU-R M.1457.

Motion: "To approve IEEE L802.16-08/034d1 and authorize the WG Chair to send it to the WiMAX Forum."

3.2.6 Follow up with 802.18

It was noted that 802.18 will consider IEEE L802.16-08/032d0 and IEEE L802.16-08/033 in the afternoon of Thursday, 15 May 2008, in Jacksonville, FL. If 802.18 can provide a speakerphone 802.16 members may participate. Ayman Naguib has kindly agreed to participate and other 802.16 members are welcome to do so as well.

Motion: "The WG representatives to the 802.18 meeting be authorized to represent the following 3 issues:

1. IEEE L802.16-08/033 was approved in the WG closing plenary by vote of 51-0-0.
2. IEEE L802.16-08/032d0 was approved in the WG closing plenary by vote of 54-0-0.
3. The WG confirms that the material in IEEE L802.16-08/032d0 is the same as previously submitted in Document 5D/5 Section 11."

3.2.7 Future work

The timeline of relevant ITU-R and IEEE events shown on Table 1 below was reviewed and comments were added to the table to show the planned work at future meetings of the ITU-R Liaison Group.

Table 1
Relevant ITU-R and IEEE Events

Group/Event	#	Start	# days	End	Location	Comments
IEEE 802.16	54	17-Mar-08	4	20-Mar-07	Orlando, FL, USA	
IEEE 802		17-Mar-08	5	21-Mar-08	Orlando, FL, USA	
IEEE 802.16	55	12-May-08	4	15-May-08	Macau, China	<ul style="list-style-type: none"> - Consider the ACS liaison from WF - Consider results of WP 5D correspondence activities (minimum requirements, channel models, ...) and contribute as required. - Plan second contribution for M.1457 Rev. 9.
IEEE 802.18		12-May-08	5 (4?)	16-May-08	Jacksonville, FL	
						- Potential for IEEE 802.16 participation in 802.18 activity to approve contribution(s) to WP 5D.
WP 5D contr. due:				17-Jun-08		
ITU-R WP 5D	2	24-Jun-08	8	1-Jul-08	Dubai, UAE	
IEEE 802.16	56	14-Jul-08	4	17-Jul-07	Denver, CO, USA	<ul style="list-style-type: none"> - Response to WP 5A on M.1801 - Consider June 08 WP 5D results and prepare contributions as required - Draft ACS liaison to WP 5D - Prepare second contribution for M.1457 Rev. 9.
IEEE 802		14-Jul-08	5	18-Jul-08	Denver, CO, USA	
IEEE 802.18		8-Sep-08	5 (4?)	12-Sep-08	Kona, HI, USA	
IEEE 802.16	57	16-Sep-08	4	19-Sep-08	Kobe, Japan	<ul style="list-style-type: none"> - Need for ITU-R Liaison Group meeting in September 2008 is not currently anticipated. - Identify acting chair of ITU-R Liaison Group for November meeting.
						- No time for IEEE 802 EC correspondence activity to approve contribution(s) to WP 5D.
WP 5D contr. due:				1-Oct-08		
ITU-R WP 5D	3	08-Oct-08	8	15-Oct-08	Korea	
WP 5A contr. due:				21-Oct-08		
ITU-R WP 5A	2	28-Oct-08	10	06-Nov-08	Geneva, CH	
SG 5 contr. due:				3-Nov-08		
ITU-R SG 5	2	10-Nov-08	2	11-Nov-08	Geneva, CH	
IEEE 802.16	58	10-Nov-08	4	13-Nov-08	Dallas, TX	<ul style="list-style-type: none"> - Plan for the IMT-Advanced submission in 2009 - Prepare the third contribution on Rev. 9 - Consider SG 5 results
IEEE 802		10-Nov-08	5	14-Nov-08	Dallas, TX	

4. Closing

The ITU-R Liaison Official thanked all the participants for their work during the meeting.