

**IEEE 802.16 Working Group on Broadband Wireless Access**

<http://WirelessMAN.org>



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To: WATO members

Chung G. Kang, Director, TTA PG 702  
Kohei Satoh, Managing Director, ARIB  
Jayne Stancavage, Chair, WiMAX Forum Regulatory Working Group  
Terry DeCourcelle, Director, IEEE-SA International Standards Programs  
Ching-Tarnng Hsieh, Technical Director, ITRI

Subject: Second Liaison statement to WATO members regarding Meeting Y+2B  
Contribution of WirelessMAN-Advanced toward Rec. ITU-R M.2012-1

Dear WATO Participants,

Please consider this statement as a followup to our 21 March 2013 statement [IEEE 802.16-13-0082](#).

As you know, ITU-R Working Party 5D is nearing the conclusion of its development of Revision 1 of Rec. ITU-R M.2012. In March, we sent you our draft "Meeting Y+2B" notification. We are now providing you with a refined version of that document: see [IEEE 802.16-13-0056-07](#). Please note that this still refers to IEEE Std 802.16.1-2012 (published on 7 September 2012), IEEE Std 802.16.1b-2012 (published on 10 October 2012), and IEEE Std 802.16.1a-2013. IEEE Std 802.16.1a-2013 was approved by the IEEE-SA Standards Board on 6 March 2013 and is currently in press. Publication is expected by June or July 2013. We are happy to transmit the published standards and approved drafts to you, upon request, for your consideration in your transposition process.

The only significant revision incorporated in IEEE 802.16-13-0056-07 involves the simplification of the IEEE transposition table in (2.2.1.2.1). We have eliminated the separate rows of the table for each clause of the standard. Instead, the standard is referenced in a single row. If you intend to develop your own transpositions, we hope that this IEEE table will serve as a convenient template for your own SDO's transposition table, and we hope that you will appreciate the simplified template. We believe it will lead to easier maintenance with no loss of information.

If you are not intending to develop a full set of transpositions of the current IEEE GCS documentation, we believe that a modified version of the IEEE transposition table may be more suitable for your use. In this case, we have provided some suggested

transposition table templates in the Appendices below. Appendix 1 is simplified per the new template. Appendix 2 is unchanged from our 21 March 2013 statement.

Finally, we would like to call to your attention our draft IMT-Advanced “Certification B” statement [IEEE 802.16-13-0105](#). Note that, in addition to IEEE, ARIB, TTA, and WiMAX Forum, we have also included the Industrial Technology Research Institute (ITRI), following a request by ITRI to become a WirelessMAN-Advanced Transposing Organization.

Sincerely,

Roger B. Marks  
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Yoshinori Ohmura, Director of Land Mobile Communications Group, ARIB  
Hajime Kanzaki, Acting Chair, ITU-R Liaison Group, IEEE 802.16 Working Group  
Kyu-Jin Wee, Chair, Mobile Communication Technology Committee (TC7), TTA  
Dae-Jung Kim, Director, TTA  
Elly Kim, IEEE 802.16 WG Liaison to TTA PG 702  
Paul Nikolich, Chair, IEEE 802 Executive Committee  
Michael Lynch, IEEE-SA Technical Liaison to ITU-R

Appendix 1: Suggested template transposition table for SDO transposing IEEE Std 802.16.1-2012 but not 802.16.1b-2012 or 802.16.1a-2013

	<b>Base standard per IEEE Std 802.16.1-2012</b>	<b>Amendment per IEEE Std 802.16.1b-2012</b>	<b>Amendment per IEEE Std 802.16.1a-2013</b>
<i>Transposing Organization</i>	<i>[SDO Name]</i>	<i>[SDO Name]</i>	<i>[SDO Name]</i>
<i>Document Number</i>	<i>[Number of SDO Transposition of IEEE Std 802.16.1-2012]</i>	<i>Not applicable</i>	<i>Not applicable</i>
<i>Version</i>	<i>[Version of SDO Transposition of IEEE Std 802.16.1-2012]</i>	<i>Not applicable</i>	<i>Not applicable</i>
<i>Issued Date</i>	<i>[Date of SDO Transposition of IEEE Std 802.16.1-2012]</i>	<i>Not applicable</i>	<i>Not applicable</i>
<i>Document</i>	<URL> <i>([SDO] transposition of IEEE Std 802.16.1-2012)</i>	<i>Not applicable</i>	<i>Not applicable</i>

Appendix 2: Suggested template transposition table for SDO not transposing IEEE Std 802.16.1-2012, 802.16.1b-2012, or 802.16.1a-2013

	Base standard per IEEE Std 802.16.1-2012				Amendment per IEEE Std 802.16.1b- 2012	Amendment per IEEE Std 802.16.1a- 2013
	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]
Transposing Organization	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]	[SDO Name]
Document number	[Number of SDO Transposition of IEEE Std 802.16-2009]	[Number of SDO Transposition of IEEE Std 802.16j-2009]	[Number of SDO Transposition of IEEE Std 802.16h-2010]	[Number of SDO Transposition of IEEE Std 802.16-2009]	Not applicable	Not applicable
Version	[Version of SDO Transposition of IEEE Std 802.16-2009]	[Version of SDO Transposition of IEEE Std 802.16j-2009]	[Version of SDO Transposition of IEEE Std 802.16h-2010]	[Version of SDO Transposition of IEEE Std 802.16-2009]	Not applicable	Not applicable
Date	[Date of SDO Transposition of IEEE Std 802.16-2009]	[Date of SDO Transposition of IEEE Std 802.16j-2009]	[Date of SDO Transposition of IEEE Std 802.16h-2010]	[Date of SDO Transposition of IEEE Std 802.16m-2011]	Not applicable	Not applicable
Clause 1: Overview	<URLa> (Clause 1.4, [SDO] transposition of IEEE Std 802.16-2009)	Not applicable	<URLc> (Clause 1.4, [SDO] transposition of IEEE Std 802.16h)	<URLd> (Clause 1.4, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Clause 2: Normative references	<URLa> (Clause 2, [SDO] transposition of IEEE Std 802.16-2009)	Not applicable	<URLc> (Clause 2, [SDO] transposition of IEEE Std 802.16h)	<URLd> (Clause 2, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Clause 3: Definitions	<URLa> (Clause 3, [SDO] transposition of IEEE Std 802.16-2009)	<URLb> (Clause 3, [SDO] transposition of IEEE Std 802.16j)	<URLc> (Clause 3, [SDO] transposition of IEEE Std 802.16h)	<URLd> (Clause 3, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Clause 4: Abbreviations and acronyms	<URLa> (Clause 4, [SDO] transposition of IEEE Std 802.16-2009)	<URLb> (Clause 4, [SDO] transposition of IEEE Std 802.16j)	<URLc> (Clause 4, [SDO] transposition of IEEE Std 802.16h)	<URLd> (Clause 4, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Clause 5: Service-Specific Convergence Sublayer	<URLa> (Clause 5.2, [SDO] transposition of IEEE Std 802.16-2009)	Not applicable	Not applicable	<URLd> (Clause 5.2, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Clause 6: WirelessMAN-Advanced air interface	Not applicable	Not applicable	Not applicable	<URLd> (Clause 16, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Annex B: MAC control messages	Not applicable	Not applicable	Not applicable	<URLd> (Annex R, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Annex C: Test vectors	Not applicable	Not applicable	Not applicable	<URLd> (Annex S, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable
Annex D: Supported frequency bands	Not applicable	Not applicable	Not applicable	<URLd> (Annex T, [SDO] transposition of IEEE Std 802.16m)	Not applicable	Not applicable

	<b>Base standard per IEEE Std 802.16.1-2012</b>				<b>Amendment per IEEE Std 802.16.1b- 2012</b>	<b>Amendment per IEEE Std 802.16.1a- 2013</b>
Annex E: Radio specifications	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<URLd> (Annex U, [SDO] transposition of IEEE Std 802.16m)	<i>Not applicable</i>	<i>Not applicable</i>
Annex F: Default capability class and parameters	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<URLd> (Annex V, [SDO] transposition of IEEE Std 802.16m)	<i>Not applicable</i>	<i>Not applicable</i>