

**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

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

Dear WATO Participants,

As you know, ITU-R Working Party 5D is nearing the conclusion of its development of Revision 1 of Rec. ITU-R M.2012. As we notified you in our prior statement [IEEE 802.16-12-0518](#) (19 July 2012), IEEE has submitted its input to “Meeting Y” (see ITU-R 5D/64) and “Meeting Y+1” (see ITU-R 5D/111) contributions.

Due to scheduling issues, we have found it convenient to prepare our “Meeting Y+2B” notification at the current IEEE 802.16 session ([Session #84](#), of 18-21 March), even though it is not due until July. We are providing you with an approved draft of that document: see [IEEE 802.16-13-0056](#). Please note that this 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 May 2013. We are happy to transmit the published standards and approved drafts to you for your consideration in your transposition process.

IEEE 802.16-13-0056-04 includes, as its Annex B, the detailed update as edits indicated with respect to Annex 2 of Rec. ITU-R M.2012. Note that the edits are confined to section 2.2 (“Detailed specification of the radio interface technology”). Within section 2.2.1, we have updated the description of the GCS documentation. Within 2.2.1.2 (“Transposed standards”), we have included a revised transposition table (2.2.1.2.1) relevant to the IEEE transpositions. If you intend to develop your own transpositions, we hope that this IEEE table will serve a convenient template for your own SDO’s transposition table.

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.

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>
Clause 1: Overview	<URL1> (Clause 1, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Clause 2: Normative references	<URL1> (Clause 2, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Clause 3: Definitions	<URL1> (Clause 3, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Clause 4: Abbreviations and acronyms	<URL1> (Clause 4, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Clause 5: Service-Specific Convergence Sublayer	<URL1> (Clause 5, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Clause 6: <i>WirelessMAN-Advanced</i> Air Interface	<URL1> (Clause 6, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Annex A: Bibliography	<URL1> (Annex A, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Annex B: Control Messages	<URL1> (Annex B, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Annex C: Test Vectors	<URL1> (Annex C, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Annex D: Supported frequency bands	<URL1> (Annex D, [ <i>SDO</i> ] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>

Annex E: Radio specifications	<URL1> (Annex E, [SDO] transposition of IEEE Std 802.16.1-2012)	<i>Not applicable</i>	<i>Not applicable</i>
Annex F: Default capability class and parameters	<URL1> (Annex F, [SDO] transposition of IEEE Std 802.16.1-2012)	<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>