

IEEE 802.16 Working Group on Broadband Wireless Access
<http://WirelessMAN.org>



Roger B. Marks
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20 September 2012

To: Jayne Stancavage, Chair, WiMAX Forum Regulatory Working Group

Subject: Liaison statement to WiMAX Forum following Session #81

Dear Jayne,

The IEEE 802.16 Working Group (WG) appreciates your inputs in your statement ([IEEE 802.16-12-0593](#)) of 18 September.

At IEEE 802.16 [Session #81](#) this week, the WG took note of your statement. We would like to seek clarification on several points:

- For 5D's Attachment 1, the WiMAX Forum proposed to add a signal bandwidth of 4.737 MHz to address IMT-Advanced. We would like to understand if your proposal intends to suggest that WirelessMAN-Advanced deployments should be characterized as being limited to 5 MHz channels.
- Regarding ITU-R Rec. M.2039, we note that you have not proposed the addition of this signal bandwidth and would like to seek additional clarification regarding your thoughts on this matter. It is our understanding that WP 5D was suggesting that M.2039 be updated to address IMT-Advanced.
- We understand that your suggested changes to M.2039 include no table entries except references to WiMAX Forum specifications. We understand that such references are appropriate in some cases. However, in many cases, users of M.2039 may wish to have the table provide direct responses, to avoid extra lookup and the additional potential for ambiguity. We wonder if perhaps the WiMAX Forum could consider proposing its views regarding some additional table entry values. We find it difficult to undertake such an exercise with confidence of accuracy.
- We notice a disparity in the content of M.2039-2 and wish to seek your views regarding the validity of the information. In particular, Table 3, Row 6, for "Mobile WiMAX," in one case indicates different signal bandwidths (4.60 MHz and 4.47 MHz) for the Base Station and Mobile Station. Furthermore, on the first number, we find a Footnote 14; on the second number, we find Footnote 15. We are surprised to find that Footnotes 14 and 15 appear to contain exactly the same text. Also, both footnotes, whether addressing the BS or the MS, refer to the uplink. We seek your views regarding whether this information is faulty and, if so, your suggestions on correcting it.

The WG has drafted two relevant contributions to ITU-R Working Party 5D ([IEEE](#)

[802.16-12-0607](#) and [IEEE 802.16-12-0608](#)). If approved within the IEEE-SA process promptly, these two documents may be submitted to ITU-R Working Party 5D Meeting #14. The WG may prepare additional inputs regarding the same issues for future meetings of WP 5D. We welcome your further views.

Sincerely,

A handwritten signature in blue ink that reads "Roger B. Marks". The signature is written in a cursive style.

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Rich Hawkins, Senior Director, Technology
Paul Nikolich, Chair, IEEE 802 Executive Committee