IEEE P802.11  
Wireless LANs

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| Liaison response to WBA Latitude/Longitude Values | | | | |
| Date: 2014-07-17 | | | | |
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Abstract

Reply to the liaison from Wireless Broadband Alliance regarding latitude and longitude values. Also see 11-14-0706r1.

To: WBA c/o tiago@wballiance.com

Subject: WBA Latitude and Longitude values

Date: 2014-07-16

Dear Tiago,

I would like to thank the Wireless Broadband Alliance (WBA) for their liaison letter that IEEE 802.11 received on 16th May 2014, regarding latitude and longitude values (11-14-0706r1).

Over the air IEEE 802.11 uses little endian and the IETF uses big endian in their standards. Therefore a conversion is necessary.

*Within the curently published IEEE 802.11-2012, an example of the Latitude/Longitude format using an example from RFC 3825 is shown. However, recent work within IEEE 802.11 has now changed this example, as was decided to merge and align the Latitude/Longitude report format with that defined by the more recent RFC 6225.*

In additition, it should be noted that RFC 5580 specifies how RADIUS only carries the absolute location, ignoring the resolution/uncertainty of the location.

I look forward to continued co-operation with the WBA on this issue.

Sincerely,

Adrian Stephens  
IEEE 802.11 Working Group Chair