IEEE P802.11  
Wireless LANs

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| 802.11bh D1.0 Comment Resolutions Section 12.7 & 9.4 | | | | |
| Date: 2023-11-15 | | | | |
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Abstract

This submission proposes resolutions to the following CIDs.

8, 9, 10, 11, 52, 53, 36, 272

Revisions:

* Rev 0 – Initial version of the document.
* Rev 1 – Correct a line number.
* Rev 2 – Remove CRs for 6, 37 & 207. Handled in other submissions. Add CRs 8, 9, 10
* Rev 3 – Add CRs 52 & 53
* Rev 4 – Fix CIDs resolved. Agreed upon length.
* Rev 5 – edits and proposal by Graham

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in IEEE P802.11bh D1.0. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the IEEE P802.11bh D1.0. (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbh Editor: Editing instructions preceded by “TGbh Editor” are instructions to the TGbh editor to modify existing material in the TGbh draft. As a result of adopting the changes, the TGbh editor will execute the instructions rather than copy them to the TGbh Draft.***

| **CID** | **Commenter** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- |
| 8 | Rojan Chitrakar | "The Device ID field contains a device ID or an opaque identifier (see Annex AD.1)." What's the format of device ID? If it can be either device ID or opaque identifier, how does the receiving STA differentiate the format? Furthermore, Annex AD is informative; is support for opaque id meant to be mandatory? | Clarify the format of device ID. Also specify whether support for opaque identifier is mandatory or optional. | Discussion:  Opaque ID adds ~30 octets to the ID.  Limit ID to 6 octets (similar to a MAC Address (seems reasonable ?  Hence, set Device ID field to 36 octets?  Previous meeting seems to have agreed 250 octets.(based on maximum of 254?)  Quick decision on which to choose?  State opaque device ID is optional.  IMO, No need to state what a device ID is for as this is not the place for that.  Revised:  **TGbh Editor:** Modify 27.31 replacing "variable"  with "0 - 36"  OR “0 – 250”  **TGbh Editor:** Replace at 27.61  “The Device ID field contains a device ID or an opaque identifier (see Annex AD.1).”  with the following:  "The Device ID field contains a device ID. Optionally the device ID may be constructed as an opaque identifier (see Annex AD.1)." |
| 9 | Chaoming Luo | The sentence is confusing. Is an opaque identifier not a device ID? | Change to: The Device ID field contains a device ID. A device ID can be constructed as an opaque identifier (see Annex AD.1). |
| 52 | Robert Stacey | It might be worth explicitly pointing out the size of the device ID is limited by the maximum element size. | Add a second sentence: "The length of the device ID is limited to 254 octets." |
| 53 | Robert Stacey | The term "device" has no meaning in the 802.11 spec and thus "contains a device ID" has no meaning. "opaque" might be a characteristic of the identifier, but the field itself is still identifying the "device". An opaque identifier is not something distinct from a device ID. The reference to Annex AD is not necessary -- the reference in Clause 12 is more appropriate and sufficient. | Define specifically what this new identifier identifies. I would suggest: "The Device ID field contains a value that identifies the non-AP STA." |
| 10 | Chaoming Luo | The sentence is confusing. Is an opaque identifier not a device ID? | Change to: The Device ID field contains a device ID provided by an AP in the ESS. A device ID can be constructed as an opaque identifier (see AnnexAD.1) | Revised:  **TGbh Editor:** Replace 34.12 with the following:  "The Device ID field contains a device ID as defined in 9.4.2.307a. (Device ID element)." |
| 36 | Stephan Sand | In order to avoid duplicate sepc text remove the seentence | As in comment |
| 272 | Mark Hamilton | To be consistent with 9.4.2.307a, and changes Accepted in 11-22/1082r4, don't specify that the Device ID must be from an AP in an ESS. | Delete "provided by an AP in the ESS" |
| 11 | Chaoming Luo | The sentence is confusing. Is an opaque identifier not a device ID? | Change to: Device ID KDE is a KDE containing a device ID provided by an AP in the ESS. | Revised:  **TGbh Editor:** Replace 34.61 with the following:  “Device ID KDE is a KDE containing a device ID as defined in 9.4.2.307a (Device ID element).” |

**References:**