IEEE P802.11
Wireless LANs

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| Additional issue in subclause 26.8 |
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Abstract

Corrections to a note in 26.98

Revisions:

* Rev 0: Initial version of the document.

# Discussion

In 26.8.2 there is the following text:

26.8.2 Individual TWT agreements

An HE STA that successfully sets up an individual TWT agreement and operates in PS mode may listen to Beacon frames, but is exempt from the requirements for receiving Beacon frames as defined in 11.2.3.1 (General). The HE STA follows the rules in 11.2.3 (Power management in a non-DMG infrastructure network) to receive group-addressed frames.

NOTE 1—An HE AP sets the bit in the TIM element of the Beacon frame that corresponds to the AID of the TWT requesting STA to 1 to indicate the presence of available buffered BUs for the STA (see 11.2.3.7 (Receive operation for STAs in PS mode)).(#20843)

NOTE 2—The TWT responding STA is expected to inform the TWT requesting STA of any critical update (as defined in 11.2.3.15 (TIM Broadcast)) by sending a Management frame to the TWT requesting STA when the STA is in the awake state.(#20837)

But there is a problem there is problem with NOTE 2. The responding STA can’t be expected to inform the requesting STA in the manner identified.

1. There is no normative support for “expected”. No statement elsewhere in the spec that says the responding STA should do this.
2. The TWT requesting STA must support TIM Broadcast (“Implementation of TIM Broadcast is optional for a WNM STA”)

# Editing instructions:

***TGax editor to change NOTE 2 at 384.50 in D5.1 as follows:***

NOTE 2—The TWT responding STA might inform the TWT requesting STA, if it supports TIM Broadcast, of any critical update (as defined in 11.2.3.15 (TIM Broadcast)) by sending a Management frame to the TWT requesting STA when the STA is in the awake state.