IEEE P802.11
Wireless LANs

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| CC40 Comment Resolutions for TB Instance Topic in NDPA and TF Sounding Phases |
| Date: 2022-08-31 |
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Abstract

This document proposes resolutions for some CC40 TB sensing measurement instance-related comments in NDPA and TF sounding phases with CID: 617, 620, 622, 623, 761, and 764.

Revisions:

* Rev 0: Initial version of the document.

**Instruction**

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| **CID** | **Subclause**  | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 617 | 11.21.18.6.1 | D0.1: 69.34, D0.2: 85.34 | What if all the responders are not assigned to be polled? | Change “and the polling phase shall be the first exchange” to “and the polling phase, if present, shall be the first exchange” | REASSIGNED to POC (Cheng Chen) |

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| 620 | 11.21.18.6.2 | D0.1: 69.60, D0.2: 85.58 | How about the ones not assigned to be polled since they also do not respond in the polling phase? | Add a clarification: that are not assigned to be polled or have responded in the polling phase | REVISED. |
| 761 | 11.21.18.6.2 | D0.1: 69.55-56, D0.2: 85.55 | Change the text "if at least one STA that is a sensing receiver has responded in the polling phase of the TB sensing measurement instance" to | if at least one STA is a sensing receiver that is negotiated to be available and/or has responded in the polling phase of the TB sensing measurement instance | REVISED. |
| **TGbf editor: In D0.2, page 85, line 55~56**, change “*The NDPA sounding phase shall be present in a TB sensing measurement instance if at least one STA that is a sensing receiver has responded in the polling phase of the TB sensing measurement instance.”* to “*The NDPA sounding phase shall be present in a TB sensing measurement instance if at least one STA that is a sensing receiver in this NDPA sounding phase and that are not assigned to be polled or has responded in the polling phase* *~~of the TB sensing measurement instance~~.*”.**TGbf editor: In D0.2, page 85, line 59~60**, change “*The AP shall transmit a Sensing NDP Announcement frame to one or more STAs that are sensing receivers and that have responded in the polling phase of the TB sensing measurement instance, followed by Initiator-to-Responder (I2R) NDP transmission after a SIFS.*” to “*The AP shall transmit a Sensing NDP Announcement frame to one or more STAs that are sensing receivers in this NDPA sounding phase and that are not assigned to be polled or have responded in the polling phase* *~~of the TB sensing measurement instance~~*, *followed by Initiator-to-Responder (I2R) NDP transmission after a SIFS*.” |

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| 622 | 11.21.18.6.3 | D0.1: 70.06, D0.2: 86.06 | What if all the transmitters are not assigned to be polled? | Add a clarification: if at least one responder that is a sensing transmitter which is not assigned to be polled or has responded in the polling phase | REVISED. |
| 623 | 11.21.18.6.3 | D0.1: 70.11. D0.2: 86.10 | Change "that have responded in the polling phase" to "that are not assigned to be polled or have responded in the polling phase" | As commented. | REVISED |
| 764 | 11.21.18.6.3 | D0.1: 70.06-07, D0.2: 86.06-07 | Change the text “if at least one STA that is a sensing transmitter has responded in the polling phase of the TB sensing measurement instance” to | if at least one STA is a sensing receiver that is negotiated to be available and/or has responded in the polling phase of the TB sensing measurement instance | REVISED. |
| **TGbf editor: In D0.2, page 86, line 6~7**, change “*The TF sounding phase shall be present in a TB sensing measurement instance if at least one STA that is a sensing transmitter has responded in the polling phase of the TB sensing measurement instance.*” to “*The TF sounding phase shall be present in a TB sensing measurement instance if at least one STA that is a sensing transmitter in this TF sounding phase that are not assigned to be polled or has responded in the polling phase ~~of the TB sensing measurement instance~~.*”.**TGbf editor: In D0.2, page 86, line 9~10**, change “*The AP shall transmit a Sensing Sounding Trigger frame to one or more STAs that are sensing transmitters and that have responded in the polling phase of the TB sensing measurement instance to solicit Responder-to-Initiator (R2I) NDP transmission(s).*” to “*The AP shall transmit a Sensing Sounding Trigger frame to one or more STAs that are sensing transmitters in this TF sounding phase that are not assigned to be polled or have responded in the polling phase ~~of the TB sensing measurement instance~~ to solicit Responder-to-Initiator (R2I) NDP transmission(s).*”. |

**References:**

1. Draft P802.11bf\_D0.1
2. Draft P802.11bf\_D0.2

**Straw Poll:**

1. Do you agree to the proposed resolutions for CIDs 620 and 761?
2. Do you agree to the proposed resolutions for CIDs 622, 623, and 764?

Yes/No/Abstain