IEEE P802.11
Wireless LANs

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| **TGbf CC40 CR for CIDs for Sensing Measurement Setup – Part 2** |
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Abstract

This submission proposes resolutions for following 5 CIDs received for TGbf CC40:

816, 905, 242, 895, 279

Revisions:

* Rev 0: Initial version of the document.

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 the TGbf Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbf Draft (i.e., they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

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

**List of CIDs**

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| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 816 | Hanqing Lou | 11.21.18.4 | 67.23 | It is not clear what a sensing initiator does if it receives a Sensing Measurement Setup Response frame with Status Code indicate a parameters suggested? Should the initiator accept the suggestion or deny the suggtestion? More frame exchanges needed? | Please clarify | RevisedAgree in principle with the commenter. To avoid many sensing measurement setup frame exchanges corresponding to a measurement setup ID, in the revised text, it is required that the sensing initiator should consider the preferred sensing measurement setup parameters indicated by the sensing responder**TGbe editor, please make changes as shown in doc 11-22/1455r0 tagged as CID 816** |
| 905 | Zinan Lin | 11.21.18.4 | 67.21 | What is the solution if the sensing initiator does not accept on the PREFERED\_MEAUREMENT\_SETUP\_PARAMETERS\_SUGGESTED | May allow some negotiation between the sensing intiator and sensing responder | RevisedAgree in principle with the commenter. To avoid many sensing measurement setup frame exchanges corresponding to a measurement setup ID, in the revised text, it is required that the sensing initiator should consider the preferred sensing measurement setup parameters indicated by the sensing responder**TGbe editor, please incorporate the changes as shown in doc 11-22/1455r0 tagged as CID 816** |
| 242 | narengerile narengerile | 9.6.7.50 | 58.64 | Actions by the sensing initiator and/or the sensing responder should be defined when the sensing repsonder proposes preferred measurement setup parameters. | Add descriptions of actions taken by the sensing initiator/responder after sending PREFERRED\_MEASURMENT\_SETUP\_PARAMETERS\_SUGGESTED in the Sensing Measurement Setup Response frame. | RevisedAgree in principle with the commenter. To avoid many sensing measurement setup frame exchanges corresponding to a measurement setup ID, in the revised text, it is required that the sensing initiator should consider the preferred sensing measurement setup parameters indicated by the sensing responder**TGbe editor, please incorporate the changes as shown in doc 11-22/1455r0 tagged as CID 816** |
| 895 | Zinan Lin | 9.4.1.9 | 31.12 | What if the set of preferred sensing measrement parameters are not accepted by the recipient of the Sensing Measurement Setup Response frame, i.e. not accepted by the sensing initiator | May want to consider other option, e.g., Demanded\_Measurement\_SETUP\_Parameters, which means the responder only accept the parameters included in the frame otherwise it will deny the request | RevisedAgree in principle with the commenter. To avoid many sensing measurement setup frame exchanges corresponding to a measurement setup ID, in the revised text, it is required that the sensing initiator should consider the preferred sensing measurement setup parameters indicated by the sensing responder**TGbe editor, please incorporate the changes as shown in doc 11-22/1455r0 tagged as CID 816** |
| 279 | Xiandong Dong | 11.21.18.4 | 67.21 | It is not clear what is following behaviour of the sensing initiator after reception of the sensing measurement frame with the status code to TBD (PREFERRED\_MEASURMENT\_SETUP\_PARAMETERS\_SUGGESTED) and also the preferredsensing measurement parameters,please clarify it. | as in comment | RevisedAgree in principle with the commenter. To avoid many sensing measurement setup frame exchanges corresponding to a measurement setup ID, in the revised text, it is required that the sensing initiator should consider the preferred sensing measurement setup parameters indicated by the sensing responder**TGbe editor, please incorporate the changes as shown in doc 11-22/1455r0 tagged as CID 816** |

**Proposed spec text:**

***TGbf editor: The baseline for this document is 11bf D0.2***

11.21.18 WLAN sensing procedure

***TGbf editor: Please modify the subclause 11.21.18.4 (Sensing measurement setup) as follows:***

11.21.18.4 Sensing measurement setup

Sensing measurement setup allows for a sensing initiator and a sensing responder to exchange and agree on operational parameters associated with sensing measurement instance(s).

To perform a sensing measurement setup, a sensing initiator may transmit a Sensing Measurement Setup Request frame to a sensing responder with which it intends to perform a sensing measurement setup

After receiving the Sensing Measurement Setup Request frame, the sensing responder shall transmit a Sensing Measurement Setup Response frame to the sensing initiator which transmitted the Sensing Measurement Setup Request frame, according to the following rules:

— If the sensing responder accepts the requested sensing measurement setup parameters in the received Sensing Measurement Setup Request frame, it shall set the Status Code field to SUCCESS in the Sensing Measurement Setup Response frame.

—Otherwise, the sensing responder shall set the Status Code field to DECLINED\_SENSING\_MEASUREMENT\_SETUP or PREFERRED\_MEASUREMENT\_SETUP\_PARAMETERS\_SUGGESTED in the Sensing Measurement Setup Response frame. If the Status Code field is set to PREFERRED\_MEASUREMENT\_SETUP\_PARAMETERS\_SUGGESTED, the sensing responder shall provide its preferred sensing measurement parameters in the Sensing Measurement Setup Response frame.

(#816)The sensing initiator should consider the preferred sensing measurement parameters indicated in the Sensing Measurement Setup Response frame that the sensing responder transmitted when the sensing initiator initiates a new sensing measurement setup with the sensing responder.