IEEE P802.11 Wireless LANs

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| Proposed802.11ai Specification Text for FD Frame Processing  |
| Date:2012-09-19 |
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Abstract

The submission proposes 802.11ai specification text regarding FD processing, based on the TGai Scaning Ad Hoc group discussion in Wednesday PM-1 meeting.

# Background

To facilitate a fast initial link setup, TGai accepted the proposed text for TGai draft specification document in contribution 12/1028r3 [Ref-4].

However, the text describing FILS Discovery (FD) frame processing was not included in the contribution 12/1028r3 [Ref-4], as further discussion is needed.

During Wednesday PM-1 TGai Scanning Ad Hoc meeting, the text describing FD frame processing was discussed and proposed. This contribution is to propose the text for TGai draft specification document.

# Proposed 802.11ai Specification Text

*Instructions to Editor: append text as shown below at the end of proposed text in Section 3.1.2 in contribution 12/1028r3:*

During scanning, when a STA with dot11FILSActivated equal to true receives and decodes a FILS Discovery frame, it uses the information in the FILS Discovery frame as follows: if the SSID in the FD frame matches the SSID parameter or one of the SSIDs in the SSID List parameter in the MLME-SCAN.request primitive, and if the Reporting Option in the MLMS-SCAN.request is set to IMMEDIATE, the MLME shall issue an MLME-SCAN.confirm primitive with the information obtained from the received FD frame.

# Proposed Motion

**Motion:** Include the text proposed in Section 2 of this contribution (12/1168) into the TGai draft Specification Document (D0.0).

Yes: \_\_\_\_\_\_\_\_\_\_\_\_; No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; Abstain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# References:

1. 11-12-151-12-00ai-Proposed-Specification-Framework-Document.docx
2. IEEE Std 802.11 – 2012
3. 11-12-0992-00-00ai-call-for-specification-text-contributions-for-the-tgai-detailed-draft-text
4. 11-12-1028-03-00ai-tgai-spec-text-proposal-for-passive-scanning-enhancement