IEEE P802.11
Wireless LANs

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| Normative text for Setting of ProbeTimer  |
| Date: 2013-03-20 |
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Abstract

### The submission provides normative text for Setting of ProbeTimer, which helps a STA to accelerate the scanning of an empty channel with no AP in operation (11-12-0151-r15).

### 6.2.11 Setting of ProbeTimer (11-13/34r1)

TGai may define a mechanism for a STA to accelerate the scanning of an empty channel with no AP in operation.

**10.1.4.3.2 Active scanning procedure of the scanning STA**

*Instructions to Editor: modify the following text in section 10.1.4.3.2 (from old 10.1.4.3.3):*

If PHY-CCA.indication (busy) primitive has not been detected before the ProbeTimer reaches Min-

ChannelTime, then set NAV to 0 and scan the next channel; else if PHY-CCA.indication (busy) primitive has been detected, and all the received information are probe request messages, set NAV to 0 and scan the next channel when ProbeTimer reaches MinChannelTime; else process all the received probe responses, beacon and FD frames when the ProbeTimer reaches MaxChannelTime. When ReportingOption is IMMEDIATE and new AP or new information of the AP is detected, issue MLME-SCAN.confirm primitive with the ResultCode equal to INTERMEDIATE\_SCAN\_RESULT and the BSSDescriptionSet containing information of the AP.

**Motion-1:** To authorize the Editor to incorporate the text changes proposed in contribution 11-13-0266-02-00ai-normative-text-for-setting-of-ProbeTimer to the draft TGai Specification Document.

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

[Result of Motion]