IEEE P802.11
Wireless LANs

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| Normative text for Setting of ProbeTimer  |
| Date: 2013-\*\*-\*\* |
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Abstract

The submission provides normative text for Setting of ProbeTimer of Active Scanning ([11-12-0151-12-00ai-\*\*\*-\*\*\*](https://mentor.ieee.org/802.11/dcn/12/11-12-0151-12-00ai-proposed-specification-framework-for-tgai.docx) ) .

**6.3.3.2.2 Semantics of the service primitive**

*Instructions to Editor: insert and modify the following rows in section 6.3.3.2.2:*

The primitive parameters are as follows:

MLME-SCAN.request(

BSSType,

BSSID,

SSID,

ScanType,

ProbeDelay,

ChannelList,

MinChannelTime,

MedChannelTime,

MaxChannelTime,

RequestInformation,

SSID List,

ChannelUsage,

AccessNetworkType,

HESSID,

MeshID,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name**  | **Type** | **Valid range** | **Description** |
| **…** |  |  |  |
| MinChannelTime | Integer | N/A | The minimum time (in TU) to spend on each channel when scanning |
| MedChannelTime | Integer | **>=** MinChannelTime | An intermediate time duration (in TU) to spend on each channel when scanning after the chanel sensed busy |
| MaxChannelTime | Integer | >=MedChannelTime | The maximum time (in TU) to spend on eachchannel when scanning |

**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 the received information cannot be decoded, or the received information can be decoded and it is probe request message only, set NAV to 0 and scan the next channel when ProbeTimer reaches MedChannelTime; 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 1-13-\*\*\*\*-00-00ai-\*\*\* to the draft TGai Specification Document.

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

[Result of Motion]