IEEE P802.11
Wireless LANs

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| Differentiate transmission of probe responses |
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Abstract

This document proposes text for the following area of SFD.

* **5. Fast Network Discovery**
* Proposed text describes channel access differentiations of probe responses depending on the addressing information carried in the probe request.

# Fast Network Discovery

**Motivation**

Probe request may contain both broadcast/wildcard address and specific network IDs. To reduce the delay in discovering preferred or selected networks, probe responses from specific networks should be prioritized than those from wildcard/broadcast address identified networks.

**Reference**

11-12/0206r0 Necessity of Probe reduction

11-12/0153r05 Ai Active Scanning Choices

11-12/0059r1 Ai selection of the AP for scanning

11-12/0206r0 Ai necessity of probe reduction in FILS

**[Motion]** *This is reserved for Hawaii F2F meeting.*

Do you agree to include the following conceptual text for SFD?

Y/N/A =

**<Proposed text>**

**5.x AP Discovery**

**5.x.x Sending a probe response**

After receiving a probe request, subject to how the carried addressing information match the APs, the identified APs in range may adopt a distributed prioritization mechanism to send probe responses.