IEEE P802.11
Wireless LANs

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| Detailed 11ak Comment Resolutions Eastlake |
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Abstract

Detailed text changes for 802.11ak comment resolutions assigned to Donald Eastlake. Companion document to 11-16/921.

# Introduction

This document has detailed text for some comment resolutions assigned to Donald Eastlake.

# Specifics

## 2.1 CID 1343, M.3, Media priority mapping

***Change the text for new Clause R.3.4 in the P802.11ak draft as shown below with MW Word change tracking:***

### R.3.4 QoS mapping and GLK

General links connect through a STA to an instance of the Internal Sublayer Service. Note that 802.11 UPs are IEEE Std 802.1D priorities that differ from 802.1Q priorities. For example, in IEEE Std 802.1D there are two priority levels below default priority while in 802.1Q there is one priority level below default priority.

The media priority provided to the STA by the Interal Sublayer Service instance is commonly used as the UP in an 802.11 association. In the IEEE Std. 802.1Q bridge port case, the sending 802.1Q bridge port derives this media priority from the priority code point associated with the frame inside the 802.1Q bridge. A suggested mapping which maps default priority to default priority is given in Table R-3a (Suggested default priority code point to media priority mapping). An 802.1Q bridge port might be configured to provide other mappings.

**Table R-3a—Suggested default priority code point to media priority mapping**

|  |  |
| --- | --- |
| Priority Code Point | Media Priority |
| 7 | 7 |
| 6 | 6 |
| 5 | 5 |
| 4 | 4 |
| 3 | 3 |
| 2 | 3 |
| 0 | 0 |
| 1 | 1 |

When an MSDU received over a GLK link is passed up to the corresponding Internal Sublayer Service instance, its priority code point is determined by the tag present in the MSDU or, in the absence of such a tag, by the default value for which the bridge port is configured.

**Table R-3b—Suggested default prio media priority to priority code point mapping**

|  |  |
| --- | --- |
| Media Priority | Priority Code Point |
| 7 | 7 |
| 6 | 6 |
| 5 | 5 |
| 4 | 4 |
| 3 | 3 |
| 0 | 0 |
| 2 | 1 |
| 1 | 1 |