IEEE P802.11  
Wireless LANs

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| 802.11  IEEE P802.11ak D3.0 Mandatory Draft Review (MDR) Report | | | | |
| Date:2017-01-17 | | | | |
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**Abstract**

This document contains the report of the 802.11ak Mandatory Draft Review.

# 3999Introduction

## Purpose of this document

This document is the report from the group of volunteers that participated in the P802.11ak/D3.0 mandatory draft review.

This document contains recommendations for changes to P802.11ak to bring it into improved compliance to IEEE-SA and WG11 style.

Those recommended changes need to be reviewed by TGak and approved, or ownership of the issues taken by TGak.

## Process / references

The MDR process is described in:

* 11-11/615r5 – Mandatory Draft Review process
  + https://mentor.ieee.org/802.11/dcn/11/11-11-0615-05-0000-wg802-11-mec-process.doc

And references:

* 11-09/1034r11 – 802.11 Editorial Style Guide
  + https://mentor.ieee.org/802.11/dcn/09/11-09-1034-11-0000-802-11-editorial-style-guide.doc

## Acknowledgements

The 802.11 technical editors (Robert Stacey and Peter Ecclesine) gratefully acknowledge the work and contribution of:

* Edward Au
* Yongho Seok

Review assignments:

1. Style guide –Edward Au
2. MIB style and compiles with no extra warnings–Yongho Seok
3. ANA check –Robert Stacey

## Actions arising

# Findings

***Findings from Edward Au:***

**2.1 Frames**

**2.1.1 Frame Format Figures**

**2.1.1.1 Optional Fields**

**2.1.2 Naming Frames**

**2.2 Case of true/false**

**2.3 “Is set to”**

**2.4 Information Elements/Subelements**

**2.4.1 Naming**

**2.4.2 Definition Conventions**

**2.5 Naming of MIB Variables**

**2.6 Removal of functions and features**

**2.7 Capitalization**

**2.8 Terminology**

**2.9 Use of verbs & problematic words**

**2.10 Numbers**

**2.11 Maths operators and relations**

**2.12 Hyphenation**

**2.13 References to SAP primitives**

**2.14 References to the contents of a field/subfield**

**2.15 References to MIB variables/attributes**

**2.16 Hanging Paragraphs**

**2.17 Abbreviations**

**2.18 Format for code/pseudocode**

**Others**

# Individual clauses

***Findings from Edward Au***

# ANA

***TGaj editor, please perform actions shown below in “actions arising”***

| **Resources by Doc1Subclause for MDR** | | |
| --- | --- | --- |
| **RefDoc1Subclause** | **ResourceName** | **Status** |
| 8.2.4.1.2 | ProtocolVersions |  |
| 8.2.4.1.3 | FrameTypes |  |
| 8.2.4.1.3 | DataSubTypes |  |
| 8.2.4.1.3 | ExtendedSubTypes |  |
| 8.2.4.1.3 | ExtendedControlSubTypes |  |
| 8.2.4.1.3 | ControlSubTypes |  |
| 8.2.4.1.3 | ManagementSubTypes |  |
| 8.2.6 | TLV encodings |  |
| 8.4.1.1 | AuthenticationAlgorithmNumbers |  |
| 8.4.1.11 | Categories |  |
| 8.4.1.4 | Capabilities |  |
| 8.4.1.7 | ReasonCodes |  |
| 8.4.1.9 | StatusCodes |  |
| 8.4.2.1 | ElementIDs |  |
| 8.4.2.1 | Element ID Extension 1 |  |
| 8.4.2.100.2 | Active Path Selection Protocol |  |
| 8.4.2.27.2 | CipherSuiteSelectors |  |
| 8.4.2.27.3 | AKMSuiteSelectors |  |
| 8.4.2.27.4 | RSNCapabilities |  |
| 8.4.2.29 | ExtendedCapabilities |  |
| 8.4.2.50 | FastBSSTransitionSubElementIDs |  |
| 8.4.4 | Info IDs |  |
| 8.5.14.28 | WNM-Notification types |  |
| 8.5.2.1 | SpectrumManagementActionFrames |  |
| 8.5.8.1 | PublicActionFrames |  |
| 8.8.3 | ShortFrameTypes |  |
| 8.8.4 | ShortControlFrameSubTypes |  |
| 8.8.5 | ShortManagementFrameSubTypes |  |
| annex C | dot11mac |  |
| C.3 | dot11Groups |  |
| C.3 | dot11OperationEntry |  |
| C.3 | dot11phy |  |
| C.3 | dot11smt |  |
| C.3 | dot11StationConfigEntry |  |
| C.3 | ieee802dot11 |  |
| C.3 | dot11Compliances |  |
| D.1 | BehaviorLimits |  |
| E.1 | OperatingClassesInJapan |  |
| E.1 | OperatingClassesInEurope |  |
| E.1 | OperatingClassesGlobal |  |
| E.1 | OperatingClassesInUSA |  |
| None | MAC addresses |  |
| Notes:  NP – Not present  OK – Present and values are correct | | |

# MIB

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# IEEE-SA MEC

## The MEC comments

## The response to the MEC comments