IEEE P802.11  
Wireless LANs

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| IEEE P802.11bh/D3.0 Mandatory Draft Review (MDR) Report | | | | |
| Date: 2024-02-27 | | | | |
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**Abstract**

This document contains the report of the IEEE P802.11bh D3.0 Mandatory Draft Review.

r0: section headings with assignments

r1: Edward’s findings

r2: Po-Kai and Ross’ findings

r3: Actions assigned (marked as [Editors:…]) for some of the findings (Edward and Ross).

# Introduction

## Purpose of this document

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

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

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

## Process / references

The MDR process is described in:

* [11-11/615r6](https://mentor.ieee.org/802.11/dcn/11/11-11-0615-06-0000-wg802-11-mec-process.doc) – WG802.11 MEC Process

And references:

* [11-09/1034r21](https://mentor.ieee.org/802.11/dcn/09/11-09-1034-21-0000-802-11-editorial-style-guide.docx) – 802.11 Editorial Style Guide

A setup meeting will be held with and review topics assigned to volunteers. The review comments from the volunteers will be compiled into this document.

## Acknowledgements

The 802.11 technical editors (Robert Stacey and Emily Qi) gratefully acknowledges the work and contribution of the members listed in the authors list.

# Findings

## Style

### Style Gude 2.1 – Frames

#### Style Guide 2.1.1 – Frame Format Figures

#### Style Guide 2.1.2 – Naming Frames

Emily

### Style Guide 2.2 – true/false

Emily

### Style Guide 2.3 – “is set to”

Joseph Levy

### Style Guide 2.4 – Information Elements/Subelements

#### Style Guide 2.4.1 – Information Elements/subelements – Naming

Ross

No issues found.

#### Style Guide 2.4.2 – Definition Conventions

#### Style Guide 2.4.3 – Element Inclusion Conventions

Mark

### Style Guide 2.5 – Removal of functions and features

Not applicable

### Style Guide 2.6 – Capitalization

Ross

Page 24, line 23, please change “Wrapped data element” to “Wrapped Data element”.

Page 24, line 33, please change “Wrapped data element” to “Wrapped Data element”.

[Editors: accept]

### Style Guide 2.7 – Terminology: frame vs packet vs PPDU vs MPDU

Ross

No issues found.

### Style Guide 2.8 – Use of verbs & problematic words

#### normative, non-normative, ensure

Mark

#### Style Guide 2.8.1 – which/that

Joseph

#### Style Guide 2.8.2 – articles

Mark

#### Style Guide 2.8.3 – missing nouns

Roy

#### Style Guide 2.8.4 – unnecessary nouns

Roy

#### Style Guide 2.8.5 – unicast and multicast

Emily

### Style Guide 2.9 – Numbers

Edward

No findings.

### Style Guide 2.10 – Maths operators and relations

Edward

[01] Globally replace “-“ with endash for items “167-220” at 25.49, “2-255” at 28.55, “2-255” at 29.38, “2-220” at 30.33, “222-255” at 30.37, “2-255” at 31.41, and “<ANA>-255” at 40.16.

[Editors: accept]

### Style Guide 2.11 – Hyphenation

Edward

[01] 17.7: Replace “non-access-point” with “non-access point”.

[02] 17.15: Replace “non-access-point” with “non-access point”.

[Editors: accept]

### Style Guide 2.12 – References to SAP primitives

Mark

### Style Guide 2.13 – References to the contents of a field/subfield

### Style Guide 2.18 – Deprecation of subfield

Carol

### Style Guide 2.14 – MIB attributes

Mark

### Style Guide 2.15 – Hanging Paragraphs

Emily

### Style Guide 2.16 – Abbreviations

Edward

[01] 26.33: Replace “0f” with “0F”.

[Editors: accept]

### Style Guide 2.17 – Format for code/pseudocode

Edward

No findings.

### Style guide 3 – Style applicable to specific Clauses

#### Definitions (Clause 3)

#### Mark

#### General Description (Clause 4)

#### Emily

#### Frame formats (Clause 9) – shall or may?

#### Edward

No findings

#### SAP interfaces (Clause 6)

Mark

#### New top level clauses

Not applicable

#### Annex A – Bibliography

Not applicable

#### Annex B – PICS ###

Po-Kai

[01] Typically, each amendment has additional subclause to list the amendment feature on top of the list in IUT configuration. For example, B.4.39 Enhanced Broadcast Services (EBCS) features(11bc), B.4.39 Light communications (LC) features(11bb), B.4.38 NGV features(11bd), B.4.37 Enhanced positioning (Ranging) features(11az), etc. Perhaps, the right approach is to have high level “Identifying a non-AP STA with changing MAC address” in IUT configuration and move existing two rows in IUT configuration to additional subclause to list device ID and IRM.

[2] IUT configuration needs to have subclause number B.4.3

[3] Need to update B.2.2 for acronym used in B.4. For example, insert “IRM identifiable random MAC address”.

[4] For B.4.4.2, I think the item number is not under <ANA>. Please update the number to the latest unused number of revme D5.0.

#### Annex G – Frame exchange sequences

Not applicable

## ANA

Check for correct use of numbers against database.

Check names against database (update database if names have changed).

Robert Stacey

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource** | **Ref** | **Value** | **Status** |
|  |  |  |  |

Additional Actions:

## MIB

Yongho Seok

The compiled MIB is embedded as the following.

[Embed MIB after compilation]

### Detailed proposed changes

* MIB Detail

# Collateral findings

# IEEE-SA MEC

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