IEEE P802.11  
Wireless LANs

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| Discussion of CIDs 1550, 1264, 1254, and 1247 | | | | |
| Date: 2021-01-05 | | | | |
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Abstract

Discussion of CIDs 1550, 1264, 1254, and 1247

# Overview of comments

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| **CID** | **Clause Number(C)** | **Page(C)** | **Line(C)** | **Comment** | **Proposed Change** |
| 1550 | 9 |  |  | E-BCS Parameters element vs. eBCS Request element and eBCS Response element. Is there any reason to change the notation between them? | Change "E-BCS Parameters" to "eBCS Parameters" throughout the draft. |
| 1264 |  |  |  | Sometimes it's "eBCS UL", sometimes it's "UL eBCS" | Change "eBCS UL" to "UL eBCS" throughout |
| 1254 |  |  |  | E-BCS is eBCS everywhere else (but should be EBCS per another comment) | Change "E-BCS" to "EBCS" throughout |
| 1247 |  |  |  | It's not clear why the "e" in "eBCS" should be lowercase | Change "eBCS" to "EBCS" throughout |

# Discussion of comments

All comments address in general the inconsistent spelling of “eBCS” (lower-case “e” and usage of hyphons) and the order of “eBCS” in e.g. “eBCS UL” vs. “UL eBCS”.

We introduce the abbreviahtion “eBCS” with a lower case “e” in Cls. 3.4

MLME primitive names use “EBCS”, whereas in the parameters of the primitives, “eBCS” as well as “EBCS” is used.

* Consitent usage (all caps in primitive name; lower “e” for parameters)

Element IDs (Table 9-94 in Cls.9.4.2.1) have inconsistent usage (“E-BCS Parameters” vs. “eBCS Request” etc.).

ANQP element difintions do not use the abbreviation at all and capitalize the “E” correctly (e.g. “Enhanced Broadcast Request”

* Note – the draft uses sometimes “Enhanced Broadcast xxx” or “Enhances Broadcast Service xxx” when naming fields of frames.

In Cls. 9.6.7.1 (Public Action frames), the draft used “eBCS UL” in the overview table and later “UL eBCS” in the titles

* Inconsistent usage
* Name of frames thus do not start with a capital “E”

In the MIB, sometimes “eBCS” and “EBCS” is used (dot11eBCS…. vs. dot11EBCS…)

# Suggested resolution (general discussion on how to resolve the comments)

* Always use “EBCS” (all capital letters)
  + Fixes the issue that frame names should start with capital letters
  + Avoids confusion (lower vs. upper case “e”)
  + Easy global replacement
* Use “EBCS UL” (and not UL eBCS)
  + Minimizes the changes to the draft; most of the time, the EBCS UL term is used
  + Always use EBCS UL or EBCS DL (i.e. UL or DL following EBCS) when appropriate.
* Notes from telco on Jan 5, 2021.
  + Final resolution needs to include specific instructions to editor.
  + General agreement to implement those changes.
  + Suggestion to approve a resolution for those comments right away in the interim meeting next week and to have a D1.01 with the implementation of this resolution as soon as possible as the changes effect te entire draft in lots of places.
  + There might be further changes to eliminate “UL” and “DL” completely at least from frame names. Such changes should not be part of this comment resolution as they require further discussion and (technical) changes which are out of scope of the issues addressed by those comments.

**References:**