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Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: Resolution for CID 53, 334, 342, 370, 648, 649, 741

Date Submitted: 8th July, 2010

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Re: []

Abstract: Comment and resolution

Purpose: Contribution to IEEE 802.15.7 TG-VLC

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CID 53 (Subclause 5.3, page 5, line 23)

Comment

- The WPAN doesn't select an identifier, the Coordinator does.

Suggested Remedy

- Change to "Each independent WPAN has an identifier, as defined in x.y.z."

Resolution/instruction to editor

- Accept
- Instruction to editor: change sentence from "Each independent WPAN selects a unique identifier." to "Each independent WPAN has an identifier, as defined in 7.2.1.3 and 7.2.1.5"

CID 334 (Subclause 6.4, page 39, line 22)

Comment

- The field length can't be variable.

Suggested Remedy

- Delete this figure and use a generic figure with boxes for SHR, Channel estimation, PHR, PSDU and FCS. Don't put lengths in the figure, the length of the fields is defined in the subclauses that define those fields.

Resolution/instruction to editor

- Figure and table is changed. Please refer document 15-10-0448-00-0007
- My suggestion is **Accept**.
- Instruction to editor: Please replace 6.4 PPDU with document 15-10-0448-00-0007

CID 342 (Subclause 6.4.1, page 39)

Comment

- MCS for a given PHY TYPE not defined

Suggested Remedy

- We need to have a field added to the PPDU that indicates which MCS will be used for the packet body.

Resolution/instruction to editor

- MCS ID is inserted in PHY header. Please refer document 15-10-0400-01-007
- So, my suggestion is **Accept**.
- Instruction to editor: Please replace 6.4 PPDU with document 15-10-0448-00-0007

CID 370 (Subclause 6.4.1.3, page 41, line 37)

Comment

- Why are specific PSDU frame lengths such as of 7 octets not allowed?

Suggested Remedy

- Remove constraints on allowed PSDU frame lengths

Resolution/instruction to editor

- Frame length values is deleted.
- My suggestion is **Accept**.
- Instruction to editor: Please replace 6.4 PPDU with document 15-10-0448-00-0007.

CID 648 (Subclause 7.2.1.1.6, page 133, line 10-14)

Comment

- This is procedural text in a descriptive clause.

Suggested Remedy

- remove the paragraph

Resolution/instruction to editor

- Paragraph explains about table 68 in Destination Addressing Mode
- My suggestion is **Reject**.

CID 649 (Subclause 7.2.1.1.8, page 133, line 10-14)

Comment

- This is procedural text in a descriptive clause.

Suggested Remedy

- remove the paragraph

Resolution/instruction to editor

- Paragraph explains about table 68 in Source Addressing Mode subfield
- My suggestion is **Reject**.

CID 741 (Subclause 7.6.1, page 170, line 13)

Comment

- States that there is a single VLC MAC frame. This terminology is confusing, since subclause 7.2 defines the MAC frame formats of which there are several unknown types. From Figure 104 it appears that the VLC Frame is below the physical layer.

Suggested Remedy

- Do not use this terminology to describe a framing structure on which MAC frames are transmitted.

Resolution/instruction to editor

- My suggestion is **Accept**.
- Instruction to editor: delete following sentence “The standard provides a single VLC MAC frame that can be configured for multiple modes.”