IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)
Title	**P802.15.4 Rev Proposed Comment Resolutions**
Date Submitted	[8 December, 2014]
Source	[Kunal Shah] Voice: [ ] [Silver Spring Networks] Fax: [ ] [ ] E-mail: [kshah @ silverspringnet.com]
Re:	[Proposed Comment Resolutions to CID #'s 1106, 1161, 1162, 1181, 1182, 1183]
Abstract	[Working document]
Purpose	[Resolve LB97 received comments]
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Proposed Comment Resolutions to CID #'s
(1106, 1161, 1162, 1181, 1182, 1183)

CID 1106

Comment: The document refers to the RFC 6225 for the description of the individual fields. The problem is that in the RFC6225 there is no definition for the 2nd last field "Resolution", as it is defined in the RFF6225 as being "Res: 3 bits. The Res field is reserved. These bits have been used by [IEEE-802.11y], but are not defined within this specification.", i.e. it does not define that field. So either we need to define the "Resolution" field here, or add reference to the IEEE 802.11y (and also add it to the normative references list).

Proposed Change: Most likely it is better to copy the format of the "Resolution" field from the 802.11y to here.

Proposed Resolution: Accept in Principle
Change the text on page 173, line 14-26 to, "The Device Location Element field is 128 bits and shall be encoded as described in IETF RFC 6225, section 2.1. First two fields, Option Code and OptLen are elided for the Device Location Element field."

CID 1161

Comment: "SUN PHYs shall implement the 2-octet FCS as well."

Proposed Change: Add that SUN PHYs shall implement 2-octet FCS as well.

Proposed Resolution: Reject. As devices compliant with the SUN PHYs shall implement the 4-octet FCS. 2-octet FCS can be implemented when FCS Type field value is set to one.

CID 1162

Comment: Channel number field is too short.

Proposed Change: Extend the length of the channel number field to two octets to handle channel numbers based on 4g.

Proposed Resolution: Accept in Principle.

Change the Figure 193 as shown below,

Octets: 2	2	1	2	Bits: 0-6	7
PAN Identifier	Coordinator Short Address	Channel Number	Short Address	Channel Page/ Channel Number	Page/ Number

Change the last paragraph on page 187, line 47-49 as follows,

The Page/ Number field specifies if the channel page is present or not. Channel page is present if Page/ Number bit is set to zero, otherwise is set to one. When Page/ Number field is set to zero, Channel Page/ Channel Number field ~~The Channel Page field, if present,~~ shall contain the channel page that the coordinator intends to use for all future communications. This field may be omitted if the new channel page is the same as the previous channel page. When Page/ Number field is set to one, the Channel Page/ Channel Number field shall be used for channel number.

CID 1181

Comment: In figure 175, the bit number for channel list request/ response field should be 0.

Proposed Change: Change as suggested.

Proposed Resolution: Accept

CID 1182

Comment: "As Channel List Info field is present when Channel List Request/ Response field is set to the response. So channel list status will always be present."

Proposed Change: Change the length of the Channel List Status field to 1 octet.

Proposed Resolution: Accept in Principle
Change the length of the Channel List Status field to 1 octet. Also change the first sentence on page 174, line 5 to "The Channel List info field shall only be present when Channel List Request/Response is set to indicate a response."

CID 1183

Comment: "Channel List Info field is only present when Channel List Request/ Response field is set to the response. No need for the first sentence described as "The Channel List Status field shall be present when Channel Info Status value is a response."

Proposed Change: "Remove the first sentence."

Proposed Resolution: Accept