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 July, 2015]
Source	[Kunal Shah] Voice: [ ] [Silver Spring Networks] Fax: [ ] [ ] E-mail: [kshah @ silverspringnet.com]
Re:	[Proposed Comment Resolutions to CID #'s i-280, i-286, i-301, i-407]
Abstract	[Working document]
Purpose	[Resolve SB received comments]
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Proposed Comment Resolutions to CID #'s
(i-280, i-286, i-301, i-407)

CID i-280

Comment: The PHY Parameter Change IE does not specify how "Effective Time of Change" and "Notification Time" are encoded.

Proposed Change: Add encoded as unsigned integer for the fields.

Proposed Resolution: Accept in Principle
Change the sentence in sub-clause 7.4.4.13, line 46-51 to,

The Effective Time of Change field is an unsigned integer that shall contain a time in the future, in microseconds, when the change is scheduled to occur.

The Notification Time field is an unsigned integer that shall contain the local time value in the generating device at the time the frame containing the PHY Parameter Change IE is generated.

CID i-286

Comment: The "FEC Scheme", "Mode field" and "Modulation field" encoding is not specified.

Proposed Change: Add encoded as unsigned integer for the fields.

Proposed Resolution: Reject. As field values for FEC Scheme, Mode field and Modulation field is fixed values and given in sub-clause 7.4.4.18.

CID i-301

Comment: The encoding of the "Channel Availabilityu starting time" and "Valid time" is not specified.

Proposed Change: The starting time seems to be 8 octet field, no idea what formatting is used. The Valid time seems to refer to figure which has simiarly named field.

Proposed Resolution: Reject. The Channel Availability Starting Time field indicates the starting time in Coordinated Universal Time (UTC), defined by CCIR Recommendation 460-4.The valid time field contains the time for the channel availability data is expected to remain valid, which is defined in Figure 174. No change is required.

CID i-407

Comment: If there are any custom command frames required, there is need for command identifier. Having a vendor specific command frame would solve this problem.

Proposed Change: Define vendor specific command frame with vendor OUI and vendor specific information.

Proposed Resolution: Accept in Principle.

Add a new command below 7.5.24 as shown below,

7.5.25. Vendor Specific Command

The Vendor Specific command shall be formatted as illustrated in Figure xx.

Octets: D_n	3	Variable
Vendor specific data	Vendor OUI	Length (3+D_n)

Figure xx – Vendor Specific command format

The Vendor OUI field is the OUI assigned by the IEEE standards association registration authority committee (RAC), which shall be the sole registration authority. A value of vendor OUI not understood by a receiving DEV causes the remainder of this field to be ignored.

The Vendor Specific Data field is defined by the vendor identified in the vendor OUI field. Its use by a DEV is outside of the scope of this standard.

The length field is an unsigned integer and shall be based on the size of the vendor specific data.

Also add a new column to Table 50, sub-clause 7.5.1.with the command identifier as 0x23 and command name as Vendor Specific Command.