**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **(Powell) Resolutions to LB97 DF2 Comments** |
| Date Submitted | [15 Dec., 2014] |
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| Re: | [Proposed Comment Resolutions to CID #’s1223, 1206, 1207, 1208, 1209, 1006, 1222, 1212, 1180, 1218, 1219] |
| Abstract | [Working document] |
| Purpose | [see Re:] |
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**Proposed Comment Resolutions to CID #’s**

**(1223, 1206, 1207, 1208, 1209, 1006, 1222, 1212, 1180, 1218, 1219)**

**CID 1223 -** pp.116, line 25

CID 1223: The assertion that all address filtering is bypassed is actually wrong.

Proposed Change: implicit broadcast kicks in when dest address is absent, when dest address is present filtering is still peformed and PAN ID filtering is OK if the PAN ID is present.

**Proposed Resolution: AiP**

see CID 1206

**CID 1206 -** pp.116, line 26

CID 1206: "All other fields in the Frame Control field shall be set to zero and ignored on reception." is incorrect.

Proposed Change: What if a destination add is assigned, but macImplicitBroadcast=1? According to the text any device must accept the frame, even though the destination add is not theirs. When there is a destination address in a received frame it should be processed.

Change text to say "Upon reception of a frame with no destination address and no PAN ID", …".

The same change applies to Table 132 (pp. 297, line 30).

**Proposed Resolution: A**

**CID 1207 -** pp.126, line 24

CID 1207: "All other fields in the Frame Control field shall be set to zero and ignored on reception." is incorrect.

Proposed Change: Delete it.

**Proposed Resolution: A**

**CID 1208 -** pp.127, line 1

CID 1208: "MAC command format" should be "MAC command frame format" in clause title, first paragraph and figure caption.

Proposed Change: Make it so

**Proposed Resolution: A**

**CID 1209 -** pp.132, line 14

CID 1209: We use the term Rendezvous Time field in 2 different places and give it 2 different meanings/defs - the 2 places being CSL and TVWS.

The Rendezvous Time field is described w.r.t. TVWS in Fig 156, Table 67, Table 127, not to be confused with the macTvwsPsRendezvous-Time PIB attribute in Table 132 which in its description uses Rendezvous Time.

Proposed Change: Quick fix - change the field names in TVWS use "TVWSPS Rendezvous Time" everything (in Fig 156, Table 67, Table 127).

And/or change use of Rendezvous Time in CSL to CSL Rendezvous Time.

**Proposed Resolution: AiP**

see CID 1222, delete TVWSPS

**CID 1006 -** pp.160, line 37-38

CID 1006: The relation between 'Delay Tolerance' and MAC PIB attrtibute macCritMsgDelayTol needs to be clarified.

Proposed Change: Add in: "The MAC PIB attribute macCritMsgDelayTol relation to Delay Tolerance is macCritMsgDelayTol = (60 \* Delay Tolerance) / (2^{14} - 1)."

**Proposed Resolution: A**

**CID 1222 -** pp.164, line 1

CID 1222: TVWSPS is redundant with LE-CSL and should be removed.

Proposed Change: Remove IE, use of the IE, achronym, and all other tentacles associated with TVWSPS.

**Proposed Resolution: A**

**CID 1212 -** pp. 164, line 29

CID 1212: We use the term Rendezvous Time field in 2 different places and give it 2 different meanings/defs - the 2 places being CSL and TVWS.

The Rendezvous Time field is described w.r.t. TVWS in Fig 156, Table 67, Table 127, not to be confused with the macTvwsPsRendezvous-Time PIB attribute in Table 132 which in its description uses Rendezvous Time

Proposed Change: Quick fix - change the field names in TVWS use "TVWSPS Rendezvous Time" everything (in Fig 156, Table 67, Table 127).

And/or change use of Rendezvous Time in CSL to CSL Rendezvous Time.

**Proposed Resolution: AiP**

see CID 1222, delete TVWSPS

**CID 1180** - pp. 168, line 3

CID 1180: Operating mode field length should be 13-20 and reserved field should be 21-23.

\*\*\*\*\*This was in r23 and r24, then in r25 (and since) it got wacked, must have been out at a Chicago booze joint\*\*\*

Proposed Change: Change as suggested.

**Proposed Resolution: A**

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**CID 1218 -** pp. 353, line 1**, CID 1219** - pp. 353, line 29

CID 1218: Check and categorize each PHY constant as: not in doc., informative, normative.

Proposed Change: Remove those not in doc. Move those in informative text to normative text. Keep those in informative text.

CID 1219: Check and categorize each PHY PIB attribute as: not in doc., informative, normative.

Proposed Change: Remove those not in doc. Move those in informative text to normative text. Keep those in informative text.

**Proposed Resolution:** **AiP**

Proposed resolutions can be found in doc. # [15-14-0712-01-0mag-lb97-phy-constants-and-pibs-scrub.xlsx](https://mentor.ieee.org/802.15/dcn/14/15-14-0712-01-0mag-lb97-phy-constants-and-pibs-scrub.xlsx).