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

Submission Title: assigned comments for draft D2

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Re:

Abstract: proposes comment resolutions for a set of CIDs

Purpose:

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Comments for CIDs

38, 51, 63

CID 38

Suggested Remedy:

- Accept in principle - committee as asked Sridhar to bring forth a contribution that goes through clauses 4 and 5 individually addressing each instance of the acronym MPDU, making a disposit recommendation.

Instruction to editor

- Accept changes to MPDU to PSDU per next 2 slides

CID 38 : MPDU entries in clause 4

4.4.2, pg 10, line 24 – ok

4.5.4.2, pg 18, line 47 – ok

4.5.4.2, pg 18, line 49 – needs work

- Recommended Text: “The MPDU at the output of the MAC layer passes through the PHY layer and becomes PSDU at the output of the PHY layer after being processed via the various PHY blocks such as channel coding and line coding”

4.5.4.3, pg 19, line 6 – ok

4.5.4.4, pg 19, line 30 – ok

CID 38: MPDU entries in clause 5

5.2.1, pg 26, line 49 – ok

5.2.1.1, pg 27, line 10 – change MPDU to PSDU, remove (i.e. PSDU)

5.2.1.1.1, pg 27, line 40 – change MPDU to PSDU

5.2.1.2 pg 27, line 49 – change MPDU to PSDU , remove (i.e. PSDU)

5.2.1.3. pg 28, line 38 49 – change MPDU to PSDU , remove (i.e. PSDU)

5.2.1.3.2, pg 29, line 23 – ok

Figure 21, pg 36, line 10 – change MPDU to PSDU. Change PDUs in pg 36 to PSDUs

CID 51 – Suggested remedy- Add text

Add “The SIFS, LIFS and RIFS period is based on the currently negotiated optical clock rate by the MAC before starting data communication. Once the optical clock rate is selected, the SIFS, LIFS and RIFS period is fixed to the values shown in Table 5.”.

Change “symbols” in Table 5 to “Optical Clock Rate”

CID 63 – Assignment

Accepted in principle. Three action items here (assigned to Sridhar) ...

1. Split option field into 4 fields for OOK and 1 CES field for PHY III

2. Answer the question "does dimmed OOK apply to PHY III

3. Clarify text to indicate that the CES option field is turned on by reading the MCS ID.

CID 63 - Resolution

Split Figure 23 into Figure 23 (a) and Figure 23 (b)

Add following text on Pg 37, line 16

- The options field in Figure 23 (a) shall be transmitted only if the dimmed OOK bit is set in the PHR.
- The options field in Figure 23 (b) shall be transmitted only if PHY III is selected based on the MCS ID chosen in the PHR.
- The dimmed OOK mode shall not be used with PHY III. i.e. both the option fields shall never be used simultaneously.