**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Text for resolution of comment row: 409 (ID: 22803600023)** | |
| Date Submitted | July 2017 | |
| Source | Billy Verso (Decawave), | billy.verso (at) decawave.com |
| Re: | Comment resolutions of 802.15.8 -- SB1 | |
| Abstract | This gives proposed resolutions to assigned comments from the first sponsor ballot of the 802.15.8 draft standard. | |
| Purpose | The purpose of this document is to provide text for CCA mode 5 with a view to incorporating it into the IEEE 802.15.8 draft | |
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**Comment row: 409** (Comment ID: 22803600023)

**Clause 6.10.3.4.3, Page 74, line 1**

Comment: Unclear intention

Suggested change: Clarify if the intention to use a CFP slot is for transmission or reception, or add a cross reference to where this is specified.

Discussion: The notion here is that the PD sending to sync frame is simply telling other PDs (or groups), the he or (his group) is going to use the indicated part of the CFP. This is not a reservation protocol between these group members so does not need to specify TX or RX. The assumption is that the applications in each PD of the group already know their roles (e.g. who is initiating the ranging exchange and who is responding) and that these are agreed in some out-of-scope way by the applications (by hard coded design or via negotiation).

The main reason to send the CFP usage is so that any other (different groups) receiving the Sync frame with the CPF usage should in the spirit of cooperation not to use this part of the CFP.

This is explained in clause 6.12.7 *Using the CFP*, with clause 6.12.6 describing the concept of such closed sub-groups.

Resolution:

Propose to change the Disposition Detail to say:

ACCEPT IN PRINCIPLE. Add reference to clause 6.12.7 that describes the operation, in the first paragraph of clause 6.10.3.4.4 CFP Usage field.

*To make this change the draft text should be changed as follows: Modify clause 6.10.3.4.4 as shown below.*

**6.10.3.4.4 CFP Usage field**

If present, the CFP Usage field shall convey the intended usage of the CFP of the current and/or subsequent superframes by the sending PD, or by the group whose activity the sender is leading. Clause 6.12.7 describes the operation. The CFP Usage field shall be formatted as illustrated in Figure 45.

**<END>**