**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 Input Template** | |
| Date Submitted | 17 March 2016 | |
| Source | [Roberts, Richard D] [<company>] [address] | Voice: [ ] Fax: [ ] E-mail: [ ] |
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| Abstract | [Description of document contents.] | |
| Purpose | [Description of what the author wants P802.15 to do with the information in the document.] | |
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**PHY Layer Operating mode(s)**

**Dear Proposer: please fill in this section with your PHY operating mode(s). You may modify this table as you see fit.**

See table 73, 74 or 75 from IEEE802.15.7-2011 for an example table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PHY Operating Modes** | | | | |
| **Modulation** | **RLL Code** | **Optical Clock Rate** | **FEC** | **Data Rate** |
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**2.0 PHY specifications**

**Dear Proposer: please fill in this section with your PHY specifications**

See IEEE802.15.7-2011 sections 10, 11 or 12 for current specifications.

**< Enter PHY specifications here >**

# PHY Layer Dimming Method

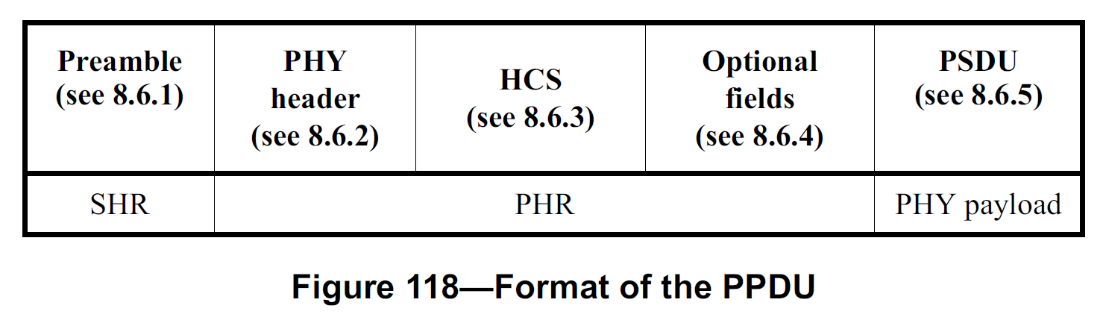
**Dear Proposer: in this section we need you to describe your dimming method. If you proposed one or more OCC PHY modes that support dimming than please write a paragraph to describe how the dimming works. You may include figures and drawings as needed.**

**< Enter paragraph here >**

**4.0 PPDU format**

**Dear Proposer: for each of the PHY modes of interest, please describe to the best of your ability your envisioned PPDU format. You can take the present PPDU and modify it accordingly. If possible, describe what you envision for each of the PPDU fields.**

Current IEEE802.15.7-2011 PPDU



< Enter PPDU format here >

**5.0 PHY PIB attributes**

**Dear Proposer: add any anticipated PHY PIB attributes here**

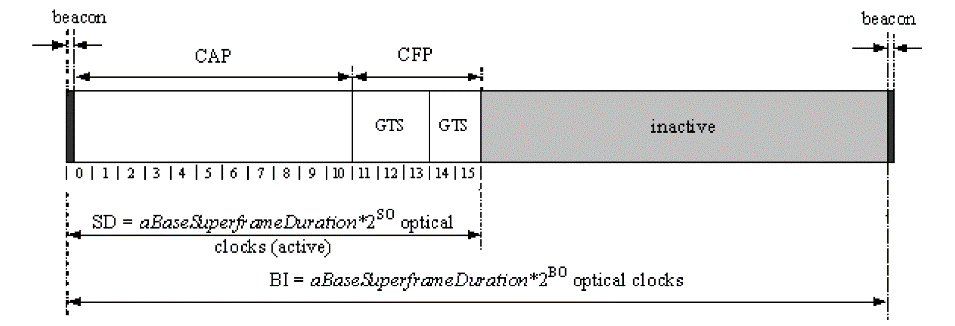
See IEEE802.15.7-2011 Table 100 for the current PHY PIB Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PHY PIB Table 100 Additions** | | | | |
| **Attribute** | **Identifier** | **Type** | **Range** | **Description** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**6.0 Superframe Structure**

**Dear Proposer: if you have an opinion as to the superframe structure then please express your opinion below; otherwise, you can leave this section blank.**

Current 802.15.7-2011 superframe is shown below.

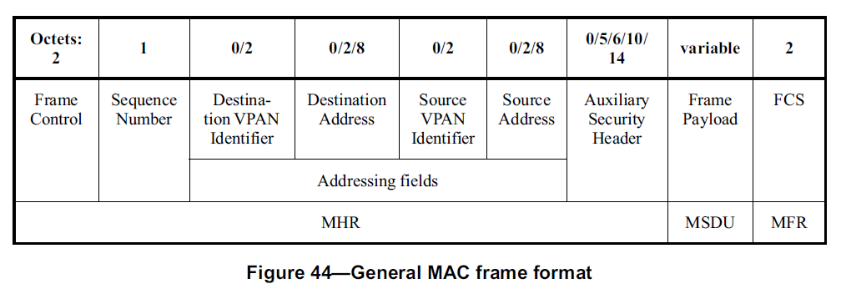


**< Enter Superframe Structure here >**

**7.0 MAC frame formats**

**Dear Proposer: in the section below you can express your opinion as to the MAC frame format. If you have no opinion then you can leave this section blank.**

Current 802.15.7-2011 MAC frame format.



**< Enter MAC frame format here >**

**8.0 MAC PIB attributes**

**Dear Proposer: add any anticipated MAC PIB attributes here**

See table 60 in IEEE802.15.7-2011 for the current MAC PIB Table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MAC PIB Table 60 Additions** | | | | | |
| **Attribute** | **Identifier** | **Type** | **Range** | **Description** | **Default** |
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