**IEEE P802.15**

**Wireless Specialty Networks**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) | |
| Title | More easy ones | |
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| Source | [Benjamin A. Rolfe] [Blind Creek Associates] | E-mail: [ben.rolfe @ ieee.org ] |
| Re: | Comments: 254 | |
| Abstract | Some more almost easy ones | |
| Purpose | Resolve comments 254 | |
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Recommended Resolutions

# Proposed resolution Revised

CID 254

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| --- | --- | --- | --- | --- | --- |
| 254 | 16 | 6.6.3.4 | 18 | This paragraph mentioned three times about the AIFS value being xxx, but we see both "is" and "shall be" and "equal to". Should keep consistent, say "The value of AIFS shall be xxx" or "The value of AIFS is equal to xxx" or something suitable. | As in comment |

Proposed resolution: Revised

Resolution detail:

Replace text with:

The value of AIFS when generating an Imm-Ack depends upon the PHY in use, and shall be set as follows:

* For SUN PHYs, LECIM PHYs, or TVWS PHYs AIFS is equal to 1ms.
* For the high-rate pulse repetition frequency UWB PHY when operating as an enhanced modulations device (HRP-EMDEV) sending Imm-Ack, the AIFS value is equal to the value of the *macEmdevImmAckAifs* Period attribute in Table 8-36
* For the HRP UWB PHY when operating as other than an HRP-EMDEV, the value of AIFS is equal to *macSifsPeriod*.
* The value of AIFS is equal to *macSifsPeriod* for all other PHYs.

Discussion: The first part of the paragraph in the base standard uses AIFS in normative statements (requirements). Current base text:

For the high-rate pulse repetition frequency UWB PHY based enhanced modulations device (HRP-EMDEV) sending Imm-Ack, the AIFS shall be equal to the value of the macEmdevImmAckAifsPeriod attribute in Table 8-36, otherwise, when generating an Imm-Ack using the HRP UWB PHY, the value of AIFS is equal to macSifsPeriod. The value of AIFS is equal to macSifsPeriod for all other PHYs.

There is inconsistency in language in the base standard. So we might as well fix it. Note that per the base standard AIFS applies to the Imm-Ack only.

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