**IEEE P802.15**

**Wireless Specialty Networks**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) | |
| Title | **Technical changes left for the corrigendum** | |
| Date Submitted | 12th March 2025 | |
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| Abstract | Technical changes noticed by IEEE editor to he TG4me draft, that are left for the next corrigendum or revision. | |
| Purpose | Provide list of technical changes for future reference. | |
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* 1. Technical changes
     1. Size of the matrix
* In section 15.1.2 Preamble field:
* The text here says:  
    
  where ones(0:N) for integer number N is defined as a 1-by-N matrix of ones.
* This should be 1 by N+1 (i.e., ones(0,31) is a 1 by 32 matrix)?
  + 1. Error in the 4m NPAD calculation
* In Section 27.3.6 Pad bit insertion:
* During the original 4m submission in the balloting processing the line got accidentally change from

NPAD = NDATA - 8 \* LRS + 6

to

NPAD = NDATA - (\* LRS + 6)

The correct formula for this is:

NPAD = NDATA - (8 × LRS + 6)

* + 1. Duplicate figure and missing figure
* In Section 10.26.3.4 Multi-PHY IE:
* Figure 10-176 is the same as Figure 10-174 "RS-GFSK Device Capabilities IE Content field format". (This figure was the same as this in 802.15.4-2020.)
* This should have content as in Figure 7-101d in 802.15.4t-2017, but mistake was made during IEEE Std 802.15.4-2020 revision process.
  + 1. Repeated channels
* Section 11.1.3.3 Channel numbering for 868 MHz, 915 MHz, and 2450 MHz bands
* This section repeat channels 0 to 10 twice.
* In 802.15.4-2020, they were distinguished by "channel page", which does not appear in this revision.
  + 1. Incorrect text in DSME Association Response command
* Section 10.4.12.2 DSME Association Response command
* Description of this command is not covering the Association Response command, it is describing the command from unassociated device to coordinator, not the coordinators response.
* It was already broken in IEEE Std 802.15.4e-2012.
  + 1. GTS Device Address List
* Section 10.25.8.1 Simplified GTS Specification IE
* This references GTS Device Address List" in 7.3.1.5, but there no definition for "GTS Device Address List" in 7.3.1.5.
* It most means GTS List described in 7.3.1.5, but as there is no GTS Specification field in the IE, and that contains the GTS Descriptor Count, simply changing to use GTS List does not work.