**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | IEEE 802.15.4z HRP comment resolutions for D2 |
| Date Submitted | 09/18/2019 |
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| Re: |  |
| Abstract | This contribution proposes updated text for the baseline draft P802.15.4z-D2 |
| Purpose | Provision of the text to facilitate its incorporation into the draft text of the IEEE 802.15.4z standard currently under development in TG4z. |
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| Release |  |
| Patent Policy | The contributor is familiar with the IEEE-SA Patent Policy and Procedures:<http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and<http://standards.ieee.org/guides/opman/sect6.html#6.3>.Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and<http://standards.ieee.org/board/pat>. |

* **Page 32 Line 14, i.e., Figure 22 (6.9.7.3.1)**

i-0254

*Replace the following figure instead of figure 22 in page 32 line 14:*



* **Page 33 Line 20 ~ Page 34 Line 2 (6.9.7.3.1)**

i-0257, i-0258, i-0259, i-0260,

*Replace the following texts in page 33 line 20 ~ page 34 line 2:*

If a controlee is not aware of the interval timings, it may recover by continuing to listen to the channel to receive a subsequent RCM.

If a controlee has information for the previous intervals updated by the previous RCM and fails to receive RCM, RCUM, or RIUM with updated value of intervals, the controlee will continue using the previous intervals. When the controller changes the interval, it may transmit RIUM including RIU IE with the updated intervals to the controlee by using previous intervals. If the controlee receives the RIUM, it can send ranging initiation message or ranging response message to the controller in the ranging round with the updated intervals. The controller may stop to transmit RIUM if the message from the controlee is successfully received.

* **Page 34 Line 13 ~ Page 34 Line 25 (6.9.7.3.1)**

i-0265

*Remove Page 34 Line 13 ~ Page 34 Lin 18 including Figure 24.*

*Replace the following figure instead of figure 25 and texts page 34 line 19 ~ page 34 line 25:*



Figure 25 shows a timing diagram for an example of the RCM transmission with the RTW. RCMs are
transmitted at random time within the RTW. Since the ranging parameters in ARC IE and the intervals in RIU IE need to be held constant across the ranging blocks for activating RTW operation, interval specified by RCM of Ranging Round N and the interval specified by RCM of Ranging Round N+1 are same. If a controlee fails to receive the RCM of Ranging Round N+1, the controlee can receive the RCM of Ranging Round N+2 transmitted at random time within the RTW of Ranging Round N+2.