**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | Resolution for LB162 comment r2-0369  |
| Date Submitted | 25 October 2019 |
| Source | Billy Verso (Decawave Ltd),  | billy.verso at decawave.com |
| Re: | Contribution to TG4z for IEEE 802.15.4z to address the indicated LB162 comment  |
| Abstract | Contribution to TG4z amendment of IEEE Std 802.15.4-2015 |
| Purpose | This submission is intended to address the indicated LB161 comment on draft 3 of the 802.15.4z amendment. This text herein is intended to be as ready as possible to integrate into IEEE Std 802.15.4z draft amendment to IEEE Std 802.15.4.  |
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| EXTRA NOTE(s): This submission provides text intended to be ready to integrate directly into the 802.15.4z draft. |

***Introduction:***

LB162 comment r2-0369 asks for the reinsertion of Annex H (removed between D2 and D3) since it had value and normative content in showing how the seed for STS generation communicated over the air in the RSKI IE (renamed in D3 to RSKD IE) relates to the ‘key’ and ‘data’ fed into the DRBG generates the (initial) pulses of the STS.

The removal of Annex H was in response to LB161 comment r1-0901 which was basically saying that the example RSKI IE encoding quoted did not align correctly with quoted ‘data’ being fed into DRBG.

The following instructions resolve this issue and reinsert the deleted annex.

***The following changes resolve LB162 comment r2-0369 (and LB161 comment r1-0901):***

1. ***Take the Annex H text from D2 and insert it into the draft as Annex G, (since there is no annex G in the draft now).***
2. ***Change the annex reference, which was on p159 line 16 in draft D2, referring to the “RSKI IE*** ***(as defined in 7.4.4.40)”, to now refer to the renamed (in draft D3) “RSKD IE (described in 7.4.4.39)”.***
3. ***Change the font used for the output pulse stream (p160, lines 7-10 in draft D2) to a fixed space font, e.g., “Courier”, as requested by LB161 comment r1-0902.***
4. ***Reverse the order of the V Counter, V1, V2 and V3 fields in Figure 61 “RSKD IE Content field format”, and for consistency reverse the order of the VCP, V1P, V2P and V3P (bit-) fields also in this figure. Finally re-order the descriptions of these fields in the text (following the figure) to match this reordering.***

***[END]***