**IEEE 802.15**

**Wireless Speciality Networks**

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| Project | IEEE P802.15 Working Group for Wireless Speciality Networks (WSNs) | |
| Title | Proposal for revising headlines in 802.15.3RevB | |
| Date Submitted | 15 November 2022 | |
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| Re: |  | |
| Abstract | Proposal for revising headlines in 802.15.3RevB | |
| Purpose | Resolving comments of LB191 | |
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**Proposal for revising headlines in 802.15.3RevB**

**Starting Point:**

Chapter 6 and 7 of 802.15.3RevB-D1 contain clauses and sub-clauses, that are either relevant for piconet, pairnet of both. To improve the readability of these chapters the network type should be indicated in the headline in case the clause/sub-clause describes a feature, that is applicable to only one network type.

**Proposed new headlines**

|  |  |  |
| --- | --- | --- |
| **Clause/sub-clause** | **Current headline** | **Proposal for new headline** |
| 6.2.6.1 | MSDU Number field | MSDU Number field for Piconet |
| 6.2.6.2 | Fragment Number field | Fragment Number field for Piconet |
| 6.2.6.3 | Last Fragment Number field | Last Fragment Number field for Piconet |
| 6.2.7 | Stream Index field | Stream Index field for Piconet |
| 6.2.10 | SC and HSI aggregated frame format | SC and HSI aggregated frame format for Piconet |
| 6.2.11 | AV aggregated frame format | AV aggregated frame format |
| 6.4.1 | CTA IE | CTA IE for piconet |
| 6.4.2 | BSID IE | BSID IE for piconet |
| 6.4.4 | DEV Association IE | DEV Association IE for piconet |
| 6.4.5 | PNC Shutdown IE | PNC Shutdown IE for piconet |
| 6.4.8 | Pending channel time map (PCTM) IE | Pending channel time map (PCTM) IE for piconet |
| 6.4.9 | PNC Handover IE | PNC Handover IE for piconet |
| 6.4.10 | CTA Status IE | CTA Status IE for piconet |
| 6.4.11 | Capability IE | Capability IE for piconet |
| 6.4.12 | PRC Capability IE | PRC Capability IE for pairnet |
| 6.4.13 | PRDEV Capability IE | PRDEV Capability IE for pairnet |
| 6.4.19 | PS Status IE | PS Status IE for piconet |
| 6.4.20 | CWB IE | CWB IE for piconet |
| 6.4.21 | Overlapping PNID IE | Overlapping PNID IE for piconet |
| 6.4.24 | Group ID IE | Group ID IE for piconet |
| 6.4.25 | Stream Renew IE | Stream Renew IE for piconet |
| 6.4.26 | Next PNC IE | Next PNC IE for piconet |
| 6.4.28 | Synchronization IE | Synchronization IE for piconet |
| 6.4.29 | TSD IE | TSD IE for piconet |
| 6.4.32 | CTA Relinquish Duration IE | CTA Relinquish Duration IE for piconet |
| 6.4.33 | Feedback IE | Feedback IE for piconet |
| 6.4.34 | Mapping IE | Mapping IE for piconet |
| 6.4.35 | BST Clustering IE | BST Clustering IE for piconet |
| 6.4.36 | PET Clustering IE | PET Clustering IE for piconet |
| 6.4.37 | Beam PET IE | Beam PET IE for piconet |
| 6.4.38 | HRS Beam PET IE | HRS Beam PET IE for piconet |
| 6.4.39 | PET Amplitude IE | PET Amplitude IE for piconet |
| 6.4.40 | PET Phase IE | Amplitude IE for piconet |
| 6.4.41 | Sync Frame Frequency IE | Sync Frame Frequency IE for piconet |
| 6.4.42 | Directional Peer IE | Directional Peer IE for piconet |
| 6.4.43 | MIMO Information IE | MIMO Information IE for piconet |
| 6.5.3 | PNC handover commands | PNC handover commands for piconet |
| 6.5.3.1 | PNC Handover Request command | PNC Handover Request command for piconet |
| 6.5.3.2 | PNC Handover Response command | PNC Handover Response command for piconet |
| 6.5.3.3 | PNC Handover Information command | PNC Handover Information command for piconet |
| 6.5.4.1 | PNC Information Request command | Information request commands for piconet |
| 6.5.4.2 | PNC Information command | Piconet PNC Information command |
| 6.5.5.2 | Announce command | Piconet Announce command |
| 6.5.5.3 | Announce Response command | Piconet Announce Response command |
| 6.5.6 | Channel time allocation request, modification, and termination commands | Piconet Channel time allocation request, modification, and termination commands |
| 6.5.7 | Channel status commands | Piconet Channel status commands |
| 6.5.9.3 | AS IE Request command | Piconet AS IE Request command |
| 6.5.9.4 | AS IE Response command | Piconet AS IE Response command |
| 6.5.9.5 | Array Training command | Piconet Array Training command |
| 6.5.9.6 | Array Training Feedback | Piconet Array Training Feedback |
| 6.5.10 | Multicast configuration commands | Piconet Multicast configuration commands |
| 7.6.2 | Carrier sense multiple access with collision avoidance (CSMA/CA) | Carrier sense multiple access with collision avoidance (CSMA/CA) in piconet |
| 7.6.3 | Channel time allocation period channel access | Channel time allocation period channel access in piconets |
| 7.7 | Channel time management | Channel time management for piconet |
| 7.10 | Fragmentation and defragmentation | Fragmentation and defragmentation for piconet |
| 7.11.1 | Standard aggregation | Piconet standard aggregation |
| 7.11.2 | Low-latency aggregation | Piconet low-latency aggregation |
| 7.13 | Peer discovery | Piconet Peer discovery |
| 7.15 | Interference mitigation | Piconet Interference mitigation |