**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Proposed comment resolution for CID 2104 from LB113** | |
| Date Submitted | 20 January 2016 | |
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| Re: | 802.15.10 Consolidated Comment Entry Form, CID 2104 | |
| Abstract | Provides a proposed resolution to CID 2104 | |
| Purpose | To be used by the technical editor to apply the necessary changes to the draft to resolve CID 2104 | |
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**Comments**

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| --- | --- | --- | --- | --- | --- |
| **Commenter** | **Page** | **Clause** | **Line** | **Comment** | **Proposed change** |
| Verotiana Rabarijaona | 29 | 5.2.2 | 20 | "If l2rMeshRecordMode is set to ALL\_NEIGHBORS, the content of the Value field is recorded as the incoming metric of the neighbor in the global NT." The ONLY\_MESH case should also be described. | Describe the ONLY\_MESH case. The resolution will depend on the use of the l2rMeshRecordMode and the use of the new L2IB l2RNeighborRecordMode |

**Resolution: Revise**

* ***Insert a L2IB in table 48 as follows:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** | **Default** |
| *l2rNeighborRecordMode* | ENUMERATION | JOINED\_MESH,  SAME\_SERVICE, ALL\_NEIGHBORS | Present only if *l2rMeshRecordMode* is set toALL\_MESH. Indicates the range of MTs that should include a local NT. | SAME\_SERVICE |

* ***Modify l2rMeshRecordMode in table 48 as follows:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Valid Range** | **Description** | **Default** |
| *l2rNeighborRecordMode* | ENUMERATION | JOINED\_MESH,  SAME\_SERVICE, ALL\_MESH | Indicates the range of information to record about existing L2R meshes. | JOINED\_MESH |

* ***Modify the 3rd item of the dashed list in 5.2.1 as follows:***

— “M” indicates that recording the parameter depends on *l2rMeshRecordMode*. If *l2rMeshRecordMode* is set to JOINED\_MESH, the parameter is recorded only when the device is a part of the mesh. If *l2rMeshRecordMode* is set to SAME\_SERVICE\_ID, the parameter is additionally recorded in MTs of L2R meshes providing the same service as the mesh the device has joined. If *l2rMeshRecordMode* is set to ALL\_MESH, the parameter is recorded for all existing L2R mesh. If *l2rMeshRecordMode is set to ALL\_MESH,* recording the local neighbor table (NT) depends on *l2rNeighborRecordMode*. If *l2rNeighborRecordMode* is set to JOINED\_MESH, the local NT is recorded only in the MT of the L2R mesh the device has joined. If *l2rNeighborRecordMode* is set to SAME\_SERVICE\_ID, the local NT is also recorded in the MT of the L2R mesh(es) providing the same service as that of the L2R mesh(es) the device as joined. If *l2rNeighborRecordMode* is set to ALL\_NEIGHBORS, the local NT is recorded in all MTs.