**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 i-48 from the sponsor ballot** | |
| Date Submitted | 26 July 2016 | |
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| Re: | 802.15.10 Consolidated Sponsor Ballor Comments, CID i-48 | |
| Abstract | Provides a proposed resolution to CID i-48 | |
| Purpose | To be used by the technical editor to apply the necessary changes to the draft to resolve CID i-48 | |
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**Comments**

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| **Page** | **Clause** | **Line** | **Comment** | **Proposed change** |
| 4 | 4 | 1 | Add a description of the general architecture somewhere in clause 4 | Provide a figure and a description of the general architecture of a device using L2R |

**Resolution: Revise**

* ***Insert the following subclause after 4.3:***

**4.4. Architecture**

IEEE 802.15.10 specifies the L2R sublayer above the MAC sublayer defined in IEEE Std 802.15.4. The L2R sublayer interacts with the MAC sublayer through the MAC sublayer management entity (MLME) service access point (SAP) and through the MAC common part sublayer (MCPS)-SAP. This document also provides two interfaces to allow the higher layers to interact with the L2R sublayer: the L2R sublayer management entity (L2RLME)-SAP to initiate operations such as L2R mesh discovery, starting or joining an L2R mesh, and the L2RDATA-SAP for data routing services. The L2R sublayer does not interact with the PHY layer.

Figure 1 illustrates the architecture.

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| Higher layers |
| L2RLME-SAP L2RDATA-SAP  Scope of  IEEE 802.15.10 |
| L2R sublayer |
| MLME-SAP MCPS-SAP |
| MAC sublayer  Scope of  IEEE 802.15.4 |
| PLME-SAP PD-SAP |
| PHY layer |

Figure 1 - Architecture