IEEE P802.11  
Wireless LANs

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| --- | --- | --- | --- | --- |
| LC MIB | | | | |
| Date: 2022-11-16 | | | | |
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|  |  |  |  |  |

Abstract

Comment resolution for SA ballot on P802.11bb/ D4.1

# Revision History

# Comments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 3 | 0.00 | Annex C | Missing a variable within the amendment to indicate the overlaying PHY is running over a 11bb PHY. Some procedures such as FTM may not operate properly as the medium properties is different than those assumed, for example with 11bb a delay may be introduced by the conversion to LC giving a false distance reading. Other consideration such as the ability to attack the the secured LTF needs to be considered by the overlaying PHY. | Add a MIB variable in Annex C to indicate to upper layers it is running over a LC PHY. |

# Editing instructions

**TGbb editor: Insert the following:**

**Annex C**(normative)  
**ASN.1 encoding of the MAC and PHY MIB**

**C.3 MIB detail**

Change dot11StationConfigEntry as follows:

Dot11StationConfigEntry ::= SEQUENCE  
{

…

|  |  |
| --- | --- |
| dot11StationMeasurementPeriod | Unsigned32, |
| dot11LCOptionImplemented | TruthValue, |

}

Insert the following after the dot11StationMeasurementPeriod object definition:

dot11LCOptionImplemented OBJECT-TYPE  
 SYNTAX TruthValue  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 "This is a capability variable.  
 Its value is determined by device capabilities.  
 This attribute indicates whether the entity is LC capable."  
::= { dot11StationConfigEntry <ANA> }