
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)		
Title	JPKG proposed changes		
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Re:	[00000D17P802-15-3__Draft_Standard.pdf]		
Abstract	[This document contains a list or proposed changes to IEEE Std 802.15.3.]		
Purpose	[The purpose of this document is to propose changes to IEEE Std 802.15.3 to improve compatibility, performance and clarity in the standard.]		
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1. Introduction

This document proposes various changes to IEEE Std 802.15.

2. Editorial changes

2.1. Misspelling

1. The word “psuedo-static” is msspelled “psuedo-static” in some places
2. The cross references in the PDF do not work if they cross clause boundaries.

2.2. Miscellaneous

2.2.1. Definition for “device-host” is no longer needed

Page 3, 3.13: Device-host (or DEV-host) was introduced at one point in the development of the standard, but is not used in the standard now, except in B.14.1, where it can be removed.

Clause 3:

~~3.13 device-host: The equipment that incorporates an 802.15.3" device. The device-host may have more than one device incorporated in it as well as other networking connections, both wired and wireless.~~

Clause 4:

DEV	device
DEV-host	device-host
DEVID	device identifier

Annex B:

B.1.4.1 Key lifecycle

In order to maintain security, care needs to be taken to protect keys from exposure for their entire lifetime. This standard provides ~~the DEV-host~~ the necessary methods for good key life cycle management. The requirements for key life cycle management depend on the type of application.

2.2.2. Definition for parent piconet uses “guaranteed time slot”

Page 4, 3.24: Guaranteed time slot was changed to channel time allocation but evidently did not get changed here.

Clause 3:

3.24 parent piconet: A piconet which creates channel time allocations ~~allocates guaranteed time slots~~ for another piconet (child or neighbor types) operating in the same channel.

3. Clarifications

3.1. CTA Rate Factor field in CTA Status IE

Problem: The CTA Rate Factor field in the CTA Status IE has the same name as a similar field in the Channel Time Request command. However, these fields do not have exactly the same meaning (see 8.5.1.1).

Suggested Remedy: Change the name of the field in the CTA Status IE to be “CTA Sub-Rate field”