**IEEE P802.15**

**Wireless Specialty Networks**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) | |
| Title | **TG 802.15.9a List of changes to the IEEE Std 802.15.9** | |
| Date Submitted | 10th September 2024 | |
| Source | Tero Kivinen | E-Mail: kivinen@iki.fi |
| Abstract | List of changes needed in the IEEE Std 802.15.9 to add EDHOC KMP. | |
| Purpose | Getting ready for draft proposal. | |
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1. Changes to Clause 2

Add EDHOC to Acronyms.

1. Changes to Clause 8.1

Add EDHOC algorithm to Table 22.

1. New annex Ea for specifying how to use EDHOC KMP

The new annex would specify how to use EDHOC in the IEEE Std 802.15.9.

Ea.1 Description

Ea.2 Use cases

Ea.3 EDHOC and IEEE 802.15 specifics

Ea.3.1 Overview

Ea.3.2 Message framing

Ea.3.3 Algorithm negotiation

Ea.3.4 Key derivation

Ea.3.5 Broadcast and multicast key distribution