IEEE P802.15  
Wireless Specialty Networks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IEEE 802.15.13  Comments against D2 in terms of Management Frames | | | | |
| Date: 2018-06-20 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Chong Han | pureLiFi |  |  | [Chong.han@purelifi.com](mailto:Chong.han@purelifi.com) |
| Nikola Serafimovski | pureLiFi |  |  | [nikola.serafimovski@purelifi.com](mailto:nikola.serafimovski@purelifi.com) |

Abstract

# This document contains text proposal for format of three management frames against D2.

1. **Overview**
2. **Normative references**
3. **Definitions, acronyms, and abbreviations**
4. **General description**
5. **MAC protocol specification**
   1. **MAC functional description**
   2. **General MAC frame format**
   3. **MAC data frames**
   4. **MAC control frames**
      1. **Format of management frames**
      2. **Probe request frame format**

**The Probe Request frame body contains the following information in the presented order:**

|  |  |
| --- | --- |
| **Order** | **Information** |
| **1** | **OWPAN ID** |
| **2** | **Supported Rates** |
| **3** | **Request Information** |
| **4** | **Extended Supported Rates** |
| **5** | **Vendor Specific Information** |

* + 1. **Probe response frame format**

**The Probe Response frame body contains the following information in the presented order:**

|  |  |
| --- | --- |
| **Order** | **Information** |
| **1** | **Timestamp** |
| **2** | **Beacon Interval** |
| **3** | **Capability** |
| **4** | **OWPAN ID** |
| **5** | **Supported Rates** |
| **6** | **Country** |
| **7** | **Extended Supported Rates** |
| **8** | **Relay Capabilities** |
| **9** | **Vendor Specific Information** |
| **10** | **Requested elements** |

* + 1. **Waveform control frame format**

**The Waveform Control Frame body contains the following information in the presented order:**

|  |  |
| --- | --- |
| **Order** | **Information** |
| **1** | **Timestamp** |
| **2** | **OWPAN ID** |
| **3** | **Time to switch** |
| **4** | **Waveform to switch to** |