IEEE P802.19
Wireless Coexistence

|  |
| --- |
| Procedures |
| Date: 2013-09-17 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Stanislav Filin | NICT |  |  | sfilin@nict.go.jp |
| Hiroshi Harada | NICT |  |  |  |

Abstract

This document is a submission to IEEE 802.19 TG1 summarizing how procedures are used by different profiles.

**Notice:** This document has been prepared to assist IEEE 802.19. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

|  |  |
| --- | --- |
| **Procedure** | **Profile** |
| **1** | **2** |
| ***5.2.1 Coexistence service subscription procedures*** |
| 5.2.1.1 WSO subscription procedure | Yes | Yes |
| 5.2.1.2 WSO subscription update procedure | Yes | Yes |
| 5.2.1.3 CM subscription procedure | Yes |  |
| 5.2.1.4 CM subscription update procedure | Yes |  |
| 5.2.1.5 WSO subscription change procedure | Yes |  |
| ***5.2.2 Providing registration information procedures*** |
| 5.2.2.1 WSO registration procedure | Yes | Yes |
| 5.2.2.2 WSO registration update procedure | Yes | Yes |
| 5.2.2.3 WSO deregistration procedure | Yes |  |
| ***5.2.3 Obtaining coexistence set information procedures*** |
| 5.2.3.1 Obtaining coexistence set information | Yes |  |
| 5.2.3.2 Providing coexistence set information |  | Yes |
| 5.2.3.3 Obtaining coexistence set element information |  | Yes |
| 5.2.3.4 Providing coexistence set element information procedure |  | Yes |
| 5.2.3.5 Obtaining coexistence report | Yes |  |
| 5.2.3.6 Providing coexistence report |  | Yes |
| ***5.2.4 Obtaining available channel list procedures*** |
| 5.2.4.1 Obtaining available channel list from WSO procedure | Yes |  |
| 5.2.4.2 Announcing available channel list change by WSO procedure |  |  |
| 5.2.4.3 Obtaining available channel list from TVWS database procedure |  |  |
| 5.2.4.4 Announcing available channel list change by TVWS database procedure |  |  |
| ***5.2.5 Obtaining channel classification information procedures*** |
| 5.2.5.1 Obtaining channel classification information by CM procedure | Yes |  |
| 5.2.5.2 Obtaining channel classification information by CE procedure | Yes |  |
| 5.2.5.3 Announcing channel classification information update to CM procedure | Yes |  |
| 5.2.5.4 Announcing channel classification information update to CE procedure | Yes |  |
| ***5.2.6 Obtaining information procedures*** |
| 5.2.6.1 Obtaining information from WSO procedure |  |  |
| 5.2.6.2 Obtaining information from another CM procedure | Yes |  |
| ***5.2.7 Requesting and obtaining measurements procedures*** |
| 5.2.7.1 Requesting measurements procedure | Yes |  |
| 5.2.7.2 Providing one-time measurement procedure | Yes |  |
| 5.2.7.3 Providing scheduled measurements procedure | Yes |  |
| ***5.2.8 Negotiation between CMs procedures*** |
| 5.2.8.1 Negotiation between CMs without announcement | Yes |  |
| 5.2.8.2 Negotiation between CMs with announcement | Yes |  |
| ***5.2.9 Master CM selection procedures*** |
| 5.2.9.1 Master/slave CM selection procedure | Yes |  |
| 5.2.9.2 Master/slave CM configuration procedure | Yes |  |
| ***5.2.10 Reconfiguration procedures*** |
| 5.2.10.1 WSO reconfiguration procedure | Yes | Yes |
| 5.2.10.2 Sending reconfiguration request from CM to another CM | Yes |  |
| 5.2.10.3 Sending resource reconfiguration request from CE to CM |  |  |
| ***5.2.11 Event procedures*** |
| 5.2.11.1 Sending event indication from CE to CM | Yes |  |
| 5.2.11.2 Sending event indication from CM to another CM | Yes |  |
| ***5.2.12 Coexistence set element reconfiguration procedure*** |
| 5.2.12 Coexistence set element reconfiguration procedure |  | Yes |
| ***5.2.13 Stop operation procedures*** |
| 5.2.13.1 CE stop operation procedure |  | Yes |
| 5.2.13.2 CM stop operation procedure |  | Yes |
| 5.2.13.3 CDIS stop operation procedure |  | Yes |
| ***5.2.14 Keep alive procedure*** |
| 5.2.14 Keep alive procedure |  |  |