IEEE P802.19
Wireless Coexistence

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| Neighbor Reconfiguration Procedure  |
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Abstract

This document is a submission to IEEE 802.19 TG1 proposing resolution to provide a proposal on Neighbor Reconfiguration procedure. For the decision making algorithm based on neighbor list and radio environment information, there is no message for a CM to request neighboring CMs to change reconfiguration of a CE. So we would like to this procedure.

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5.2.x Neighbor Reconfiguration Procedure

This procedure is performed when a CM wants to seek help from another CM to reconfigure a TVBD Network or Device controlled by another CM. The procedure is shown as follows:



Figure xxx1—Sending NeighborReconfiguration request from CM to CM

5.3.x Neighbor Reconfiguration Procedure

5.3.x.1 Neighbor\_Reconfiguration\_Request

This message is sent from a CM to another CM to request reconfiguration of a TVBD networks or devices served by another CM.

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| **Payload** |
| *Information element* | *Data type* | *Description* |
| Note: Information elements below are repeated for each TVBD network or device |
| reconfigurationTarget = CE\_ID | CX\_ID | Indicates TVBD network or device to be reconfigured |
| reconfigurationRequest | ReconfigurationRequest | Reconfiguration request description |

5.3.x.2 Neighbor\_Reconfiguration\_Response

This message is sent from a CM to another CM to response of a received Neighbor\_Reconfiguration\_Request .

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| **Payload** |
| *Information element* | *Data type* | *Description* |
| Note: Information elements below are repeated for each TVBD network or device |
| reconfigurationTarget = CE\_ID | CX\_ID | Indicates TVBD network or device to be reconfigured |
| status | BOOLEAN | Status: successful or failure |

Create a new tab in Figure 137 as follows



Add the follow text in the chapter 7

7.2.3.x Neighbor\_Reconfiguration\_Request

Figure xxx shows CM operation upon reception of Neighbor\_Reconfiguration\_Request. CM shall check whether the requested reconfiguration can be performed. If YES, the CM sends Reconfiguration\_Request to CE to request TVBD network or device to perform reconfiguration. If CE successfully performs this reconfiguration, the CM responses in the status of Neighbor\_Reconfiguration\_Response as “successful”. Otherwise, if the CM decides not to perform the requested reconfiguration or the controlled TVBD network or device is not able to perform this reconfiguration, the CM responses in the status of

 Neighbor\_Reconfiguration\_Response as “failure” .



Figure xxx2