

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Recovery Process for Standalone Network</b>	
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Re:	Call for Comments for 802.16n AWD	
Abstract	In this contribution, we propose text of standalone network operation for 802.16n.	
Purpose	To discuss and adopt the proposed text in the 802.16n draft Text	
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## Recovery Process for Standalone Network

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### 1. Introduction

This document is to present a proposed recovery process for standalone network. It is specified in the System Requirement Document that when the HR-BS loses connectivity to the backbone network and the neighboring HR-BSs, the network stations under the coverage of the HR-BS shall form a standalone network. When the connection of HR-BS to backbone network and/or the neighboring HR-BSs recovers, a recovery process is required to integrate the standalone network into backbone connected network.

### 2. Recovery Process for Standalone Network

When a HR network is standalone, the network only supports local connectivity for its subordinate stations which are covered under the standalone network HR-BS.

When the HR-BS of standalone network recovers its connectivity to the backbone network, the standalone network shall be incorporated to the backbone connected network. The standalone network HR-BS shall exchange NCMS messages which are necessary for network integration; broadcast information about the network topology and obtain the topology information of backbone network from the backbone.

The subordinate stations shall be informed on the availability of backbone connection and remain the association with the serving HR-BS of the original standalone network. The handover service for the subordinate stations of standalone network will be reinstated.

### 2. Text Proposal for IEEE 802.16n AWD

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Note:

The text in **BLACK** color: the existing text in AWD

The text in **RED** color: the removal of existing AWD text

The text in **BLUE** color: the new text added to AWD

[-----Insert the following text to Page 20 Section 17.2.4.3-----]

#### 17.2.4.3 Recovery Process of Standalone Network

When a standalone network HR-BS recovers the backbone connection, the standalone network shall be incorporated to the backbone connected network. The standalone network HR-BS shall broadcast information about the network topology and obtain the topology information of backbone network from the backbone. The standalone network HR-BS shall also exchange information of NCMS primitives which are necessary for network integration.

The subordinate stations shall be informed on the availability of backbone connection and remain associated with the serving HR-BS of the original standalone network. The handover service for the subordinate stations of standalone network is reinstated.

[-----*End of Text Proposal*-----]