

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >
Title	RS Network Entry and Relay Function Activation
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Re:	IEEE 802.16j-07/007r2: " Call for Technical Comments and Contributions regarding IEEE Project 802.16j"
Abstract	This contribution describes the procedure of RS network entry and the need of relay function activation.
Purpose	This contribution is submitted for discussion and adoption in 802.16j.
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RS Network Entry and Relay Function Activation

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1 Introduction

In response to the IEEE 802.16j TG Call for Technical Contributions, this document proposes to support the activation of the relay function.

In order to maximum reuse the legacy procedure defined in 16e, a relay station can enter the network as a mobile station. After network entry, relay station can startup relay function immediately, or act as a mobile station and activate the relay function at any time. When a relay station acts as a mobile station, it can perform the neighbor scanning or interference measurement, and handover etc.

When there is a need to activate the relay function, relay station shall negotiate with MR-BS.

2 Text Proposal

[Insert new subclause 6.3.9.16.3]

6.3.9.16.3 RS Network Entry

RS shall follow the same procedure defined in the subclause 6.3.9 to perform the network entry and initialization. After the network entry, both the RS and the MR-BS can initiate the relay function activation procedure for the RS.