

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Relay Station in Network Architecture	
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Source(s)	Haihong Zheng, Shashikant Maheshwari, Yousuf Saifullah, Adrian Boariu Nokia Siemens Networks 6000 Connection Drive, TX, 75039, USA	Voice: [+1 972-894-5000] E-mail: [Haihong.Zheng@nsn.com , shashikant.maheshwari@nsn.com , Yousuf.Saifullah@nsn.com] * http://standards.ieee.org/faqs/affiliationFAQ.html >
Re:	IEEE 802.16m-08/005 – Call for Contribution on IEEE 802.16m System Description Document, sub-clause 4	
Abstract	The contribution proposes architecture changes for relay in SDD document.	
Purpose	Accept the proposal for the baseline SDD document	
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Reference Model and Protocol Architecture for SDD

Haihong Zheng, Shashikant Maheshwari, Yousuf Saifullah and Adrian Boariu

NSN

1 Introduction

As a requirement for 802.16m system, relay support has been specified in the network architecture in SDD document. However, it is not clearly specified that which type of relay station should be supported. This contribution proposes that both 802.16j RSs and 802.16m RSs should be supported in 802.16m system. The specific text change to the SDD document is included in the following section.

2 Specific Text Change

[Change line 20-21 on page 7 in subclause 4 as following]

The Relay Stations (RSs) may be deployed to provide improved coverage and/or capacity (see Figure 2). The RSs could be 802.16j legacy RSs, or 802.16m RSs that are based on 802.16j RS with potential enhancement. When RSs are present, communication between the BS and the MS can occur directly via relay.