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Title	Frame Structure	
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Re:	A response to a Call for Technical Proposal, http://wirelessman.org/relay/docs/80216j-06_027.pdf
Abstract	The contribution captures the frame structure proposal harmonized among the listed authors.
Purpose	Adopt the proposed text proposal
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<<http://ieee802.org/16/ipr/patents/notices>>.

Frame Structure

See author lists in the cover page

Introduction

There are many frame structure proposals, which response to the Call for Technical Proposal, http://wirelessman.org/relay/docs/80216j-06_027.pdf. This contribution captures the harmonized frame structure proposal among the listed authors.

The proposed frame structure applies to the non-transparent RS scenario, where a RS transmits the frame-start preamble, FCH and DL/UL MAP as specified in IEEE802.16e-2005 [1].

Proposed text change

[Replace 8.4.4.7 by the following text on Page 370]

8.4.4.7 Frame structure for RS operation

Frame Start Preamble for In-Band Non-Transparent Relay:

If a relay transmits a frame start preamble then that preamble shall be time aligned with its serving MR-BS frame start preamble. Access FCH and MAPs shall follow the preamble.

Relay Zone for In Band Non-Transparent Relay

The downlink subframe and the uplink subframe may each include one or more relay zones for communications between a parent MR-BS and its child RS or between a parent RS and its child RS. The downlink relay zone shall include a MAP.

Mechanism for Configuration of e Relay Zone

The number, size, and location of the relay zones shall be configurable.

Mechanism for Interference Measurement, Neighbor Discovery for In-Band Non-Transparent Relay

There may be a mechanism for interference measurement and neighbor discovery. (For example, there may be a time synchronous relay amble to support these functions.)

Access Zone for In-Band Non-Transparent Relay

The downlink subframe and the uplink subframe shall each include one or more 802.16 compliant access zones.