<table>
<thead>
<tr>
<th>Project</th>
<th>IEEE 802.16 Broadband Wireless Access Working Group <a href="http://ieee802.org/16">http://ieee802.org/16</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>ASN.1 coding for Alternative Path Management messages in IEEE 802.16.1a</td>
</tr>
<tr>
<td>Date Submitted</td>
<td>2012-11-05</td>
</tr>
<tr>
<td>Source(s)</td>
<td>Eunkyung Kim, Jaesun Cha, Anseok Lee, Wooram Shin, Kwangjae Lim</td>
</tr>
<tr>
<td></td>
<td>Voice: +82-42-860-5415</td>
</tr>
<tr>
<td></td>
<td>E-mail: <a href="mailto:ekkim@etri.re.kr">ekkim@etri.re.kr</a></td>
</tr>
</tbody>
</table>

Re: In response to Sponsor Ballot Recirculation #1 on P802.16.1a

Abstract
ASN.1 coding for Alternative Path Management messages in GRIDMAN Draft Standard

Purpose
To discuss and adopt the proposed text in the draft amendment document on GRIDMAN

Notice
This document does not represent the agreed views of the IEEE 802.16 Working Group or any of its subgroups. It represents only the views of the participants listed in the “Source(s)” field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.

Copyright Policy
The contributor is familiar with the IEEE-SA Copyright Policy

Patent Policy and Procedures
The contributor is familiar with the IEEE-SA Patent Policy and Procedures:
<http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and
Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and
ASN.1 coding for Alternative Path Management messages in IEEE 802.16.1a

Eunkyung Kim, Jaesun Cha, Anseok Lee, Wooram Shin, Kwangjae Lim
ETRI

1. Introduction

This document provides ASN.1 encoding for alternative path management messages in P802.16.1a, including:

- AAI-AP-NBR-REQ
- AAI-AP-NBR-REP

2. References


3. Proposed Text on the IEEE 802.16.1a Amendment Draft Standard

[-----------------------------------Start of Text Proposal-----------------------------------]
indexFwdHrMs INTEGER (0..15)

-- Path Management in HR-Network
AAI-AP-NBR-REQ ::= SEQUENCE {
  modeReq CHOICE {
    reqHrBsToArrange NULL,
    informHrBsForAlternativePath InforHrBsForAlternativePath
  } -- +----------------------------------------------------------------------+
  -- AAI-AP-NBR-REQ Message
  -- +----------------------------------------------------------------------+
AAI-AP-NBR-REP ::= SEQUENCE {
  numNeighborHrMsSEQUENCE (SIZE(0..31)) OF SEQUENCE {
    index INTEGER (0..15),
    sinr INTEGER (0..15),
    hop INTEGER (0..3)
  } -- +----------------------------------------------------------------------+
  -- +----------------------------------------------------------------------+
}[-------------------------------------End of Text Proposal----------------------------------------------------]