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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** | |
| Title | **Clarification of Section 6.12** | |
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| Re: | “IEEE 802.16-12-271,” in response to Letter Ballot Recirc #38a on P802.16.1a/D2 | |
| Abstract | This contribution is for the clarification of Section 6.12 | |
| Purpose | To discuss and adopt the proposed text in the draft amendment document on GRIDMAN | |
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**Clarification of Section 6.12**

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# Introduction

GRIDMAN AWD for IEEE 802.16.1a describes Support for HR-Networks in Section 6.12. We suggest the corrections of the typo as well as the modifications of the ambiguous sentence within Section 6.12.

# Proposed Text for the 802.16.1a AWD

Note:

The text in **BLACK** color: the existing text in the 802.16.1a AWD

The text in **~~RED~~** color: the removal of existing 802.16.1a AWD

The text in **BLUE** color: the new text added to the 802.16.1a AWD

[-------------------------------------------------Start of Text Proposal---------------------------------------------------]

**[*Remedy1: Correct the typos or errors in Section 6.12 in the GRIDMAN AWD for 802.16.1.*]**

* p.51 line 5: AAM-MM-ADV message 🡪 AAI-MM-ADV message
* p.104 line 9: T\_bs, T\_rs 🡪 T\_bs and T\_rs
* p.104 line 12: AAI-MM-RS-REQ/RSP, AAI-ARS-CONFIG-CMD 🡪 AAI-MM-RS-REQ/RSP and AAI-ARS-CONFIG-CMD
* p.109 line 4: date 🡪 data
* p.110 line 12: full stop(punctuation mark) is missing.
* p.111 line 11: It causes serious interference to each other.
* p.113 line 39: double full stops
* p.114 line 20: want 🡪 wants
* p.118 line 28: bellows 🡪 below
* p. 120 line 13: group; 🡪 group.
* p.124 line 7 and 8: full stops are missing.
* p.130 line 19: broadcast 🡪 broadcasts
* p.131 line 18: HR-Ms 🡪 HR-MS (2 times)
* p.134 line 13: sends 🡪 send
* p.134 line 25: receives 🡪 receive
* p.140 line 17 and 19: a HR-MS 🡪 an HR-MS
* p.158 line 23: allocated 🡪 allocates
* p.163 line 10: use case 2 🡪 FIN use case 2
* p.164 line 35 and 36: 1’st or 3’rd 🡪 1st or 3rd
* p.164 line 5: Next 🡪 Next,
* p.164 line 7: IDCell, ranging opportunities 🡪 IDCell and ranging opportunities
* p.166 line 25: --Within 🡪 Within
* p.171 column 5 in table: MSB bit=1 🡪 MSB bit==1
* p.172 column 2 in table: MSB bit=1 🡪 MSB bit==1
* p.175 line23: Ranging channel 🡪 and Ranging channel
* p.177 line29: a other 🡪 another
* p.180 line2: bellows 🡪 in below
* p. 185 line15: a HR-MS 🡪 an HR-MS
* p.185 line 32: indicated 🡪 indicate
* p.187 line 1: received 🡪 receiving

**[*Remedy2: Modify the sentences in Section 6.12 in the GRIDMAN AWD for p802.16.1a.*]**

* p.130 line 20: ~~If~~ Upon receiving DCTID of the relaying HR-MS, HR-MSs store it and ~~used~~use to request the relaying HR-MS to relay packets.
* p.140 line 31: The ~~transmit~~ sending HR-MS selects one of the preamble sequences to generate the SYNC-CH preamble. The ~~receive~~ , while the receiving HR-MS shall be able to detect all the preamble sequences with considering the preamble patterns.
* P.150 line 27-30: If signal strength on a dedicated channel and its corresponding supplementary channel is greater than the predefined threshold, the HR-MS shall not use the dedicated channel and the corresponding supplementary channel.

**[*Remedy3: Adopt the following change in Section 6.12.1.3.1 in IEEE P802.16.1a/D2.*]**

***[page# 110, line# 22]***

**6.12.1.3 Base station function for HR-MS**

**…**

**6.12.1.3.1 Proactive Operation**

A superordinate HR-BS may select a target HR-MS among its subordinate HR-MSs which are capable of role changing to HR-BS, according to the measured signal power at HR-BS and/or subordinate HR-MS' status information such as the battery level. The superordinate HR-BS may transmit AAI-MM-ADV message with trigger condition for which the subordinate HR-MSs capable of role changing to HR-BS shall report its status information. When the trigger condition is met, the subordinate HR-MS capable of role changing to HR-BS may report its status information to the superordinate HR-BS via ~~MM-STAT-REP message and/or~~ AMS Battery Level Report header as described in 6.2.2.1.3.5.

**…**