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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | **Clarification of section 6.12.2.3 Talk-around direct communication in IEEE 802.16.1a**  |
| Date Submitted | **2012-05-04** |
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| Re: | “IEEE 802.16-12-271,” in response to Letter Ballot Recirc #38a on P802.16.1a/D2 |
| Abstract | Changes are provided to accommodate corrections on section 6.12.2.3 Talk-around direct communication in IEEE 802.16.1a |
| Purpose | To discuss and adopt the proposed text in the draft amendment document on GRIDMAN |
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**Clarification of section 6.12.2.3 Talk-around direct communication in IEEE 802.16.1a**

Hyun Lee, Miyoung Yun, Seokki Kim, Won-Ik Kim, Eunkyung Kim, Sungkyung Kim, Chulsik Yoon, Sungcheol Chang

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# Introduction

This document provides Clarification of section 6.12.2.3 Talk-around direct communication in IEEE 802.16.1a.

Changes are provided to accommodate corrections for figures and typos on section 6.12.2.3 Talk-around direct communication as the following proposed texts.

# References

[1] IEEE 802.16-12-0132-00, GRIDMAN System Requirement Document including SARM annex, January 2012.

[2] IEEE P802.16.1aTM/D2, WirelessMAN-Advanced Air Interface for Broadband Access Systems - Draft Amendment: Higher Reliability Networks, April 2012.

# 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----------------------------------------------]

**[Remedy #1: Replace the Figure 235 in page 127 with the following proposed figure]**

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**Figure 235 —Link establishment for unicast (left) and multicast (right) one-way links**

**[Remedy #2: Replace the Figure 236 in page 127 with the following proposed figure]**

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**Figure 236 —Link release for unicast (left) and multicast (right) one-way links**

**[Remedy #3: Replace the Figure 237 in page 128 with the following proposed figure]**

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**Figure 237 — Message procedures of dynamic service flow addition for unicast (left) and**

**multicast (right) one-way links**

**[Remedy #4: Replace the Figure 238 in page 128 with the following proposed figure]**

****



**Figure 238 —Message procedures of dynamic service flow deletion for unicast (left) and**

**multicast (right) one-way links**

**[Remedy #5: Replace the Figure 239 in page 129 with the following proposed figure]**

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**Figure 239 —Message procedures of token management for unicast one-way link**

**[Remedy #6: Replace the Figure 240 in page 129 with the following proposed figure]**

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**Figure 240 —Procedures of token management with token request for unicast (left) and multicast (right) one-way links**

**[Remedy #7: Correct the typos in Section 6.12.2.3]**

* ***Page 125 line 22:* in → between**
* ***Page 129 line 3:* TKN-REQIND code → Token Request Indication**
* ***Page 129 line 5:* TKN-REQIND code → Token Request Indication**
* ***Page 134 line 21:* Nsubframe\_per\_fame → Nsubframe\_per\_frame (3 times)**
* ***Page 136 line 6:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 136 line 7:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 136 line 10:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 136 column 1 in Table 195:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 137 line 2:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* **P*age 137 column 1 in Table 196:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 137 line 12:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 139 line 2:* Nsubframe\_per\_fame → Nsubframe\_per\_frame**
* ***Page 142 line 7:* IEc → IE**
* ***Page 146 line 10:* proposed → ~~proposed~~ (*be deleted)***
* ***Page 148 line 9:* Table yy1 → Table 198**
* ***Page 149 line 4:* AMS → HR-MS**

[----------------------------------------------End of Text Proposal------------------------------------------------]