

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Proposed changes to clause 15.4</b>	
Date Submitted	<b>2007-09-07</b>	
Source(s)	Mariana Goldhamer Alvarion Ltd.	Voice: +972544225548 E-mail: <a href="mailto:mariana.goldhamer@alvarion.com">mariana.goldhamer@alvarion.com</a>
	Xuyong Wu Huawei	
Re:	Task Group Review	
Abstract	Summary of the Ad-Hoc activity	
Purpose	Approval	
Notice	<i>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.</i>	
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: < <a href="http://standards.ieee.org/guides/bylaws/sect6-7.html#6">http://standards.ieee.org/guides/bylaws/sect6-7.html#6</a> > and < <a href="http://standards.ieee.org/guides/opman/sect6.html#6.3">http://standards.ieee.org/guides/opman/sect6.html#6.3</a> >. Further information is located at < <a href="http://standards.ieee.org/board/pat/pat-material.html">http://standards.ieee.org/board/pat/pat-material.html</a> > and < <a href="http://standards.ieee.org/board/pat">http://standards.ieee.org/board/pat</a> >.	

## Proposed changes to clause 15.4

*Mariana Goldhamer, Xuyong Wu  
Alvarion Ltd, Huawei*

### Proposed general approach

Here down is the proposed rationalization, providing instructions to 802.16h Editor.

#### 15.4 Interference prevention

15.4.1 Coexistence Frame

15.4.2 Coordinated Contention-based protocol

15.4.3 Working channel allocation optimization

15.4.4 Master Frame allocation optimization

15.4.5 Interference control in sub-frames

15.4.6 Credit token-based coexistence protocol (CT-CXP).

### Proposed reorganization and text changes

Existing clause	Title	Text	
15.4	Interference prevention	Most of the information in the introduction is redundant with 15.1.3; delete the redundant text	Delete p110/r14 to p111/r8
15.4.1	Adaptive channel selection	Move to 15.4.3 and change title: Working channel allocation optimization	P111/r33 to p115/r39
15.4.2	Adaptive sub-frame allocation	Delete the title	P115/r45
15.4.2.1	Sub-frame sharing and scheduling	Delete the title	P115/r48
		Insert title: 15.4.1 “Coexistence Frame”	
15.4.2.1.1	Introduction	Move to 15.4.1.1	P115/r50 to p116/r18
15.4.2.1.2	Scheduling of interference free...	Move to 15.4.1.2 Add the text on CXZ from p.127	P116/r23 to p120/r45 P127/r24 to p127/r59
15.4.2.1.3	Scheduling of restricted ...	Move to 15.4.1.3; delete the text on BS information data-base	Move P120/r48 to p126/r46 Delete p126/r48 to p127/r23

15.4.2.2	Sub-frame distribution opt	Move to 15.4.4 and change title: Master Frame allocation optimization	P127/r60 to p131 r 3
15.4.2.3	Interference control in sub-frames	Move to 15.4.5 and make the changes proposed in the relevant contribution	P131/r8 to 134/r34
15.4.2.4	CT-CXP	Move all the existing text to the new 15.4.6	P134/r36 to p143/r35