Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	**Changes to clarify report message formats.**	
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Re:	Supporting document for reply to CR134.	
Abstract	Changes required to clarify alignment of CINR report messages.	
Purpose	The document is intended for consideration within comments resolution process.	
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Changes to clarify report message formats

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November 2006

References

1. IEEE, "IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems," IEEE 802.16-2004.
2. IEEE, "IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems, Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands" IEEE 802.16e-2005.

Introduction

The changes proposed in this document are to modify the text in order to clarify the arrangement of data in report messages.

11.12 REP-RSP management message encodings

In 802.16-2004 [], page 694, modify the entries for "Channel Type = 00" and "Channel Type = 10" in the 3rd table of section 11.12 as indicated:

REP-REQ Channel Type request	**Name**	**Type**	**Length**	**Value**
Channel Type = 00	Normal subchannel Report	2.1	1	~~First 5 bits for the CINR measurement report and the rest for don't care~~ Bits#0-4: CINR measurement report. Bits#5–7: *Reserved*, shall be set to zero.
Channel Type = 10	Safety Channel Report	2.3	5	~~T~~For 4 bins, the first 20 bits for the reported bin indices and the next 20 bits for CINR reports (5 bits for each bin index and for each report).

In 802.16e-2005 [], page 729, modify the first table:

REP-REQ Channel Type request	**Name**	**Type**	**Length**	**Value**
Channel Type = 01	Band AMC Report	2.2	4	First 12 bits for the band indicating bitmap and ~~N~~next 20 bits for CINR reports (5 bits ~~per~~for each band). Exactly 4 bits shall be set in the bitmap.

In 802.16e-2005 [], page 729, change the "Channel Type = 01" entry in the second table:

REP-REQ Channel Type request	**Name**	**Type**	**Length**	**Value**
Channel Type = 01	Enhanced Band AMC Report	2.4	5	First 12 bits for the band indicating bitmap and ~~N~~next 25 bits for CINR reports (5 bits ~~per~~for each band). Exactly 5 bits shall be set in the bitmap.

In 802.16e-2005 [], page 730, modify the final row of table (for "Bits #0-2 = 0b100"):

REP-REQ Zone-specific physical CINR request	**Name**	**Type**	**Length**	**Value**
Bits #0-2 = 0b100	Safety channel	3.5	5	~~T~~For 4 bins, the first 20 bits for the reported bin indices and the next 20 bits for CINR reports (5 bits for each bin index and for each report).