Project	IEEE 802.16 Broadband Wireless Access Working Group http://ieee802.org/16					
Title	Figures for New MAC Header					
Date Submitted	2001-02-21					
Source(s)	Ken StanwoodVoice: (858) 404-6559Ensemble CommunicationsFax: (858) 638-71429890 Towne Centre Dr.mailto: ken@ensemblecom.comSan Diego, CA 92121mailto: ken@ensemblecom.com					
Re:	Letter Ballot #3					
Abstract	Figures for New MAC Header					
Purpose	In support of comment for Letter Ballot #3.					
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.					
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate text 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 and Procedures	t The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures (Version 1.0) http://ieee802.org/16/ipr/patents/policy.html , including the statement "IEEE standards may include the known of the statement of the stateme					
	Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <mailto:r.b.marks@ieee.org> as early as possible, in written or electronic form, of any patents (granted or under application) that may cover technology that is under consideration by or has been approved by IEEE 802.16. The Chair will disclose this notification via the IEEE 802.16 web site <<u>http://ieee802.org/16/ipr/patents/notices></u>.</mailto:r.b.marks@ieee.org>					

Figures for New MAC Header

Ken Stanwood Ensemble Communications

HT=0 (1)	EC (1)	Ek (2	(S <u>2)</u>	PDE (1)		Length (11)
CI (1)	Rsv (2)				ayload CID Type MSB (8) (5)	
CID LSB (8))	HCS (8)

Figure A – Generic MAC Header Format

HT=1 (1)	EC=0 (1)	EKS =00 (2)	AR (1)	rsv (3)	BR MSB (8)
BR					CID
LSB (8)					MSB (8)
CID					HCS
LSB (8)					(8)

Figure B – Bandwidth Request Header Format

FC (2)	FSN (3)	reserved for CS use (3)
-----------	------------	-------------------------------

Figure C – Fragmentation Sub-Header Format