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Project	IEEE 802.20 Working Group on Mobile Broadband Wireless Access < http://grouper.ieee.org/groups/802/20/ >	
Title	MBTDD 625k-MC Mode (BEST-WINE) Technology Proposal Overview	
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Re:	MBWA Call for Proposal	
Abstract	This document presents the Summary Classification Statement + Technology Overview + Draft Technology Specifications for the MAC and the PHY layer of the of IEEE 802. 20 MBWA	
Purpose	To discuss and Adopt BEST-WINE for Draft Specifications of IEEE802.20 MBWA	
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MBTDD 625k-MC Mode
(BEST-WINE: Broadband Mobile Spatial
Wireless InterNet Access)
Technology Overview

IEEE 802.20 Plenary Meeting
Hawaii
January 16-19, 2006

MBTDD 625k-MC Introduction

- BEST-WINE proposal is merged with Revised QTDD. This Merged TDD Proposal is MBTDD
- In MBTDD BEST-WINE is renamed as 625k-MC (625kiloHertz-spaced MultiCarrier) Mode.
- This presentation describes only changes in the revised 625k-MC Technology Overview document: **IEEE C802.20-05/75r1**

Changes in IEEE C802.20-05/75

- **Revised Document IEEE C802.20-05/75r1 describes only Technology Overview of 625k-MC mode of MBTDD with Editorial Changes**
- **Summary Classification of 625k-MC is in IEEE C802.20-06/03: MBTDD Proposal: Package Index and Summary Classification Statement**
- **625k-MC mode Draft Air Interface Specifications are in IEEE C802.20-06/04: MBFDD and MBTDD: Proposed Air Interface Specifications**

Changes in 625k-MC Draft Specification

IEEE C802.20-06/04

- Draft Specification is expanded to highlight enhancements to Base Line Specifications of HC-SDMA wherever necessary
- Enhanced Specifications:
 - Modulation Coding: ModClass 9 & 10 – Chapter 17
 - QoS enhancements Chapter 24
 - Broadcast MultiCast Service Chapter 23 & 25
 - AES Specifications Chapter 26
 - Minimized RMU Headers Chapter 20,21 and 26
 - Sleep Mode Control Chapter 27
- MIB Section is Added: Chapters 28 and 29