



# DIAL TONES

MARCH 2005

## DIAL TONES

### Volume 11 Edition 3

Dial Tones is published monthly for members of Dell Telephone Cooperative, Inc., a member-owned cooperative since 1956.

Proud to serve Dell City, Desert Haven, Guadalupe Peak, Mile High, Timberon and Queen

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Subsidiary of Dell Telephone  
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## On the Line with Rich Page: WiMax



Rich Page, General Manager

Last month I wrote about some of the acronyms used in the telephone industry. I ended the article with a promise to tell you more about WiMax, WiFi and WLL.

WiMax (Worldwide Interoperability for Microwave Access) is any broadband wireless access network based on a new standard (802.16) as defined by the IEEE (Institute of Electrical and Electronics Engineers). Don't stop here, it gets better.

WiFi (Wireless Fidelity) is basically the same concept, based on a different standard (802.11). If you are into wireless connectivity for your computer to the Internet, either at home or away, you probably use WiFi technology. WLL (Wireless Local Loop) is the term used to define wireless access to the PSTN (Public Switched Telephone Network) rather than the traditional twisted-pair copper cable, known as the local loop.

Now, we've gotten rid of the acronyms, so we can talk about what it does and how you might one day use it. We already know how convenient it can be to surf the web on your laptop computer from any room in your house over a wireless, high-speed Internet connection, WiFi. Imagine if you kept that connection as you left home on your way to work or school using WiMax. WiFi has a range of about 150 feet, whereas WiMax has a range of over 10 miles.

Use the same WiMax technology for providing voice signals and you have what is known as WLL. Think of it as a cordless phone that has a reach well beyond your house and yard. This is not a cell phone and has to be within range of the tower that is providing the local dial tone. The phone would not work on another tower's signal, just as your cordless phone would not work away from your home base station.

Dell Telephone is exploring this new technology, some of which is not yet on the market, with an eye to using it where feasible in our service area.

**Make plans to attend  
Dell Telephone Cooperative's 49th Annual Meeting!**

**Saturday, March 19, 2005**



Please Join Us  
**FOR**

## DELL TELEPHONE'S

# 49th

### Annual Membership Meeting

**Saturday, March 19, 2005**

**Registration Begins at 9:00 AM**

**Business Meeting Begins at 10:00 AM**

**Grand Prize!!!!!!**



Lots of  
Great  
Door Prizes



**Entertainment by Local Band "Alazan Norteno"**

Plan now to attend the 49th Annual Membership Meeting at the Cooperative Business Office in Dell City.

There will be something for everyone! Special guest for the event will be Texas State Representative **PETE GALLEG0**.

All registered members will receive a nice attendance gift at the door.

Lunch and entertainment will be provided after the business meeting.

Supervised activities and a special lunch will be provided for the children at our Maintenance Facility.

Call us at (915) 964-2352 if you have any questions or need more information!

**BALLOT**  
[Handwritten names and checkboxes]  
**Members who did not  
vote by mail will vote  
for Directors for  
Districts 3, 6, & 7!**