



Fred, Crystal, Phillip, Stephen and Hope Kovach

Your Missionaries Using Technology to Teach a Lost World about Jesus!

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GLOBALreach.org—A 21st Century Discipleship Tool

GLOBALreach.org is an online resource made available by Global University designed to help you discover God, live the Christian life and serve others.

GLOBALreach.org was our very first project as missionaries in 1998. During our furlough in 2006, God showed us that He was not finished with it and we were to spearhead its upgrade and expand its outreach during this term.

The New GLOBALreach.org We will be able to add materials in many more languages, and our goal is to be able to add all the Evangelistic and Discipleship materials in the Global University archives! We have added 7 languages online since the new GLOBALreach.org launched in July for a total of eleven languages. These materials are now available for the world to download!!!

We have also added new Multi-Lingual capabilities. You can browse in one language and download materials in another. This is very useful



Hindi is one of 11 languages on the new GLOBALreach.org!

for reaching out to people whose language you do not speak!

GLOBALreach.org for our Georgian Brothers and Sisters

In August, a former missionary to the Republic of Georgia approached us about uploading Global University's Georgian materials. Since the Internet has been the only consistent means of

communication open to Georgia, he felt that this would be an encouragement to the Georgian believers during their recent crisis.

He had arranged for translation of some of the website and by the end of August we had The Great Questions of Life online in Georgian! We hope to have more courses online soon.

Please pray that God would supply the resources and people needed to place the rest of our discipleship materials online! It is a big task, but we know God can do it!

Kovach Praise and Prayer

- † Praise God for *materials in eleven languages online* with the New GLOBALreach.org!
- † Please pray for *people to be sent to GLOBALreach.org to be saved and discipled.*
- † Please pray for the Lord of the Harvest to *supply qualified translators* for the remaining GU language materials to be placed online.
- † Please pray for God to supply the monthly financial needs of our missionary ministry.

How You Can Help

- * Pray for the prayer requests listed.
- * You can make monthly or one-time gifts by sending to AGWM, 1445 Boonville, Springfield, MO 65804 and noting *Acc't # 2433449*
- * Gifts to assist with GLOBALreach.org translation can be sent to above address and noted with *Project #11024*

Phillip, Stephen and Hope's Corner

Well this summer has gone by so fast! It seems like just yesterday that I was wishing that I was out of school and relaxing on vacation in various places. Now in less than two days I'll be starting my Sophomore year in high school and Stephen will be starting his fifth grade year. Even though it's been summer, everyone has been doing learning. For example, I learned music at band camp. I also learned that kiddy rides are real amusing. Stephen spent a week at Royal Ranger camp and learned various skills like Rocketry and Compass. Hope also has been learning, she's been learning how to swim. This summer has been fun-filled, but the past is behind us so why dwell on it when the future holds so much more.



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The Digital Television Transition

The Change from Analog to Digital Television

Note: In past issues of the Kovach Missions eNewsletter we have been discussing the coming Digital TV transition occurring on February 17, 2009. This time, we will be discussing how wireless mics are affected and reviewing a Digital Converter box. If you have not read our Summer 2008 article, you may want to refer to it before reading this one. You can download it by clicking here or at <http://newsletters.fredcrystal.com>

The Proposed Ban on 700 MHz Wireless Microphones

What's this about Wireless Microphones?

Wireless microphones work on the frequencies presently used by television stations. Some wireless mics, especially those three years or older, use the 700 MHz frequency band. Many of the frequencies above 700 MHz will be shared with other devices after February 17, 2009.

These devices (called "White Space Devices") would help expand wireless Internet service. These devices are supposed to detect wireless mics and stay away from those frequencies, but it is unknown whether they will actually do this. Because of issues in the testing of these devices, the FCC has recently proposed to close the frequencies in the 700 MHz band to wireless mics after February 17, 2009. This proposal is controversial, and may be reversed. However, industry sources are predicting there will be little opposition to this proposal and feel that it will be passed.

How do I know if our wireless mics are affected?

Look at the manufacturer's sticker or the digital readout of your wireless microphone or its receiver. If the frequency reads between 698 MHz and 806 MHz, then your wireless microphone system is probably affected. If you can change the frequency on your system to below 698 MHz, then you are okay. If you can't find the frequency or have any other questions, please feel free to contact us.

If our wireless microphone system is in these frequencies, what should we do?

You should strongly consider converting to wired mics, changing the frequencies (if your system permits that) or purchasing a new wireless system. The manufacturer may also be able to change your frequency, but that may be costly and should only be considered for expensive systems. If by some chance, this proposal is not passed, your 700 MHz system will still be subject to interference by White Space Devices. If you want to wait and see, the FCC is expected to rule on this proposal in about six weeks.

A good technical solution would be to convert to wired mics. Wired mics are less noisy and sound better. They also do not require a license and are not subject to the winds of political and technological change.

Can we sell our 700 MHz Wireless Mics?

Yes, before February 17, 2009. The proposal by the FCC would prohibit sale after that date. One website humorously suggested selling the mics on eBay to South America! Realistically, finding a buyer is going to be difficult. It would be unethical to attempt to sell them in the United States before that date.

A Review of the RCA DTA8000B1 Digital Converter Box

We recently purchased a digital converter box. Like many Americans, after getting our coupon, we had to navigate the maze of available boxes and narrow it down to one. No pressure here: you have to be right the first time. If you don't like your choice and you used your coupon, you cannot get a refund, you can only exchange it for another eligible box at the same retailer (and most retailers only have one model!!!).

Selection Criteria

We started our search using the same selection process that we use to purchase studio equipment at Global University. We started with the list of Coupon Eligible Converter Boxes at dtv2009.org, and then eliminated the ones that do not have "Analog-passthrough". Analog Passthrough allows analog signals such as your VCR or low-power TV stations (which are not required to change to digital in February) to continue through to your television. We then took this list and looked at the ratings on the Internet.

We had been keeping our eyes peeled for the RCA DTA8000B1. Internet rumors had stated that it was coming out at Walmart, but all we saw at our local Walmart was its sister model, the DTA8000A, which did not have Analog Passthrough. We decided to wait. Then the B1 model showed up at our local Walmart. We purchased one and brought it home.

Connection time took about 15 minutes, and then the moment of truth came. We powered it up and it went through its channel scan mode. Although we had read that some stations we received before might not come in (visit <http://www.antennaweb.org> if you want to see what is available in your locale), we have no problems receiving any of those stations. It does have the ability to discover more channels later and add them to the list. But we have not had to use that feature. All told, it discovered a total of nine channels, which is five more than we could receive before. All of these channels are much clearer than what we received before.

There are many fine converter boxes available for purchase, but we are pleased with this one and it is available at many Walmarts.

Additional Websites:

<http://www.DTVanswers.com>

<http://www.dtv2009.gov>

<http://www.CE.org>

<http://www.DTVtransition.org>

<http://www.antennaweb.org>

<http://www.keepuson.com>

All facts presented are current as of the writing of this article on August 31, 2008. Please check for any changes before following any advice given in this article. You can feel free to contact us with any questions at fredk@fredcrystal.com