



MAY 2011

PO Box 3561 El Paso, TX 79923-3561 www.kint98.com

NEWS

By Frank Beacham
TVNewsCheck, April 28, 2011 10:31 AM EDT

Bonded Cellular Technology Boosts CBS ENG

As New York City was digging out of yet another winter blast in late January, **WCBS reporter Lou Young** reported live on the snow removal efforts in Stamford, Conn., while driving through the streets of the town — he and a shooter in the front seat and Stamford Public Safety Director (and former New York Mets Manager Bobby Valentine) in the back.

“It was a terrific story and no one else had it,” says David Friend, WCBS news director and SVP of news for all the CBS O&Os. “That’s the crux of Mobile2. That’s the core of what we are doing: to be able to drive and transmit live and report what we are seeing as we drive along.”

Mobile2 is what CBS is calling the bonded cellular technology that allows photographers to broadcast HD images in near real time from anywhere using 3G or 4G cellular telephone technology.

The technology comes in the form of backpacks from two companies, **LiveU** and **TVU Networks**. CBS got its first units late last fall, just before the winter storms. “They have really changed the nature of how we have reported stories and the outcomes of those stories,” Friend says.

The technology came into its own the day after Christmas, when a massive nor’easter dumped 20 inches of snow on Manhattan and up to 32 inches in the surrounding area. At first, the city claimed all was under control. “However, with Mobile2, we were able to demonstrate that many streets hadn’t been plowed, hadn’t even been visited by a plow,” Friend says. “They were impossible to drive on.”

The two systems work by strapping together multiple wireless broadband cards and spreading the video and audio signals across them. LiveU’s LU60, for example, bonds up to 14 cellular (3G/4G), WiMAX and Wi-Fi modems to provide a broadcast-quality link from a 12-pound backpack. The LU60 transmits 1080i HD video resolution and supports all the cellular carriers, seeking out the best signal at a given time.

The technology is not restricted to vans. Crews can transmit live video while walking, Friend says. “When we say mobile, we mean mobile to anywhere.”

Jeff Birch, VP for engineering at the CBS O&Os, says stations in Los Angeles, Chicago, Philadelphia, Boston, San Francisco, Dallas, Miami and Minneapolis are also now using bonded cellular technology.

OUR SUSTAINING MEMBERS:

KTSM-TV

KVIA-TV

KRWG-TV

KBNA-AM/FM & KAMA-AM

KHEY-AM/FM, KPRR-FM & KTSM-AM/FM

KLAQ-FM, KISS-FM & KROD-AM

KPAS-FM-
ALGIE A. FELDER CSBE

KINT98.COM
INTERNET RADIO NETWORK

BURST COMMUNICATIONS
INC.- THOM JOHNSON

GIESLER BROADCASTING
SUPPLY INC.
DAN GEISLER

ENTRAVISION
COMMUNICATIONS

PANASONIC-JIM McGowan

SCMS, INC.-

TNT BROADCAST AND
TELECOMMUNICATIONS
CONTRACTORS, INC.-
PAUL TERRY

KSCE-TV

RF Specialties of Texas
Dan Sessler.

KCOS-TV

TIME WARNER CABLE

KELP-AM
ARNOLD McClatchy

HUNTLEIGH TECHNOLOGY
GROUP

NEWS CONTINUES IN PAGE 2




TNT
Broadcast & Telecommunication Contractor Inc.
1319 Murchison, El Paso, Texas 79902

Paul V. Terry
President

Mobile: (915) 920-6769
toolhead@juno.com

El Paso Fax: (915) 544-3481
Austin Fax: (512) 829-4911



KPAS-FM

INSPIRATIONAL / GOSPEL RADIO
LISTEN TO 103.1 MHZ. ON YOUR FM DIAL

Algie A. Felder
General Manager

P.O. Box 371010
El Paso, TX 79937
915/851-3382



BURST
COMMUNICATIONS

Thom Johnson
Sales Engineer
8 Twin Tree Court
Cedar Crest, NM 87008

Phone 505-286-9323 Fax 505-286-9363
www.burstvideo.com
thom@highfiber.com



Larry Bracher
General Manager

801 North Oregon
El Paso, TX 79902
915 532-5421
915 532-6793 Fax

KTSM Television
An NBC Affiliate



KEVIN LOVELL
General Manager

KVIA-TV 7
4140 Rio Bravo
El Paso, Texas 79902
Tel. (915) 496-7777
Fax. (915) 532-0070

Website
kvia.com
e-mail
kvia@kvia.com



TIME WARNER
COMMUNICATIONS



7010 Airport Road
El Paso, TX 79906
Tel: 915 / 772-1123

WCBS is renting its cellular backpack systems for about \$2,500 a month. One vendor includes 60 hours of cellular time, while another includes unlimited service. That makes the technology affordable for the CBS stations, says Birch. "You do the deal and you're on the air immediately. There's nothing to build, nothing to assemble."

However, the technology is far from perfect, Birch says. "When we drove around during snow coverage in Brooklyn and Queens, we had pretty robust coverage from all the carriers," he says. "But when we went north into Connecticut or way out onto Long Island where the cell coverage began to diminish, the results were a little more spotty."

Despite the similarity of the LiveU and TVU systems, in any given time and place, one usually works better than the other. "There's really no hard evidence as to why that is," Birch says, speculating that it may be due to differences in the processing circuitry. "We have both at our disposal at the same time and choose the one that works best."

In a crowded situation like, say, a sports arena, the crew would be competing with thousands of cellular phone users for bandwidth. "We can't control who is going to get that bandwidth," Birch says. "If we are first, we may get it. If a thousand cellphone users come in, the smarts in the cell phone system are going to try to decide who gets it. We could lose it in the middle of doing a shot. We have absolutely no control over that."

Birch says he is talking to cellular carriers about how to insure access to their broadband networks. "There may be a way — it would cost us a premium — that we can have a certain quality of service," he says. "I'm optimistic based on what I've been told so far." In the meantime, Birch likes to have his microwave system — whose bandwidth he has total control over — as a backup. "We can use it in a moving vehicle and get pretty reliable signals as long as we can see a receive site," he says.

News Continues in page 5

SBE CHAPTER 38 OFFICERS

CHAIRMAN Antonio Castro
SBE member # 11456.
KFOX/COX retired Chief Eng.
800 Arredondo dr.
El Paso. TX 79912
915-584-1220 home
915-525-8507 cell
farahjac@sbcglobal.net

VICE CHAIRMAN Marvin Hanley
SBE member # 20969
Montwood High School
Media Technology
915-937-2500
915-346-7839

Secretary/Treasurer Enrique Lopez
SBE member # 18698
Clear Channel Radio
4045 N. Mesa
El Paso, TX. 79902
915-351-5400 main
915-351-5415 direct
915-204-2073 cell

Certification Committee: David Halperin.

Membership Committee:
TBD
TBD

Frequency Coord. Committee:
Warren Reeves
Owen Smith

Scholarship Committee: Rick Vilardell

Web Site Committee: Norbert Miles

Sustaining Membership: TBD

Program Chairman: Enrique Lopez

Newsletter: Antonio Castro

EAS Chairman: Ron Haney

Executive Committee:
Antonio Castro
Enrique Lopez
Marvin Haney

Panasonic

ideas for life

Panasonic Broadcast & Television Systems Company
Unit of Panasonic Corporation of North America
3608 East Kayenta Court
Phoenix, AZ 85044
Tel: (480) 940-4863
Cell: (602) 625-1682
Fax: (480) 940-4887
mcgowanj@us.panasonic.com

Jim McGowan
District Sales Manager



ENTRAVISION COMMUNICATIONS CORPORATION
5426 N. MESA • EL PASO, TEXAS 79912

David Candalaria
General Manager

KINT TV 26 • KTFN TV 65 • KINT 93.9 FM
KSVE 1150 AM • KHRO 94.7 FM • KOFX 92.3 FM

KAMA 750
Your Favorite AM Radio Station

QUE BUENA!
920 am KBNA 97.5 fm



GBS

GIESLER
BROADCASTING
SUPPLY, INC.

800-634-8601
713-774-3314

DAN GIESLER
VICE PRESIDENT HOUSTON, TEXAS 77074

S.C.M.S., Inc.

Broadcast Sales & Service
NEW & USED
Buy/Sell/Trade

Rentals - Remotes/Emergencies
10201 Rodney Blvd, Pineville, NC 28134
800/438-6040 Fax 704/889-4540
www.scmsinc.com



Huntleigh
Technology Group

visit us:
www.huntleigh.com
f t in

Chase Bank Tower - Downtown
201 E. Main, Suite 100
El Paso, TX 79901

Ross Dahman
President

say hello: 915.225.2499
need help?: 915.832.0100 x3
write: ross.dahman@huntleigh.net

EL PASO, TX CHAPTER 38 MEETING MINUTE DATE 04/12/2011 LOCATION: GRAND CHINA

MEETING CALLED TO ORDER: 12:27 PM, BY ANTONIO CASTRO,
THERE WERE 15 MEMBERS IN ATTENDANCE.

REPORT OF THE SECRETARY: MINUTES ACCEPTED AS POSTED IN
THE NEWSLETTER BY NORBERT MILES

REPORT OF THE TREASURER: CURRENT BALANCE OF \$ 7,405.25, .
ACCEPTED BY DAVID HALPERING.

REPORT OF THE CERTIFICATION COMMITTEE: OMAR PINEDA OF
KVIA-TV TO OBTAIN HIS RE-CERTIFICATION

REPORT OF THE MEMBERSHIP COMMITTEE: NO REPORT.

REPORT OF THE FREQUENCY COORDINATOR COMMITTEE: NO RE-
PORT.

REPORT OF THE SCHOLARSHIP COMMITTEE: ONLY ONE APPLICA-
TION FOR THE SCHOLARSHIP. WAITING FOR MORE..

REPORT OF THE WEB SITE COMMITTEE : IT WILL INCLUDE
THE .PDF FORM FOR NATIONAL MEMBERSHIP. 447 HITS. 25 MORE
FROM LAS REPORT

REPORT OF THE EAS CHAIRMAN : INVITED BRAD DUBOW (KLAQ)
AND MICHAEL VILLA (NMEMA) TO HAVE LOCAL DISCUSSIONS.

REPORT OF THE PROGRAM COMMITTEE: NO REPORT THIS TIME,
REP'S BUSSY WITH NAB

UNFINISHED BUSINESS: NONE. JUST WAITING IN THE CLOSURE OF
THE WAYLER PEAK TRAM CLOSURE.

NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTEREST:
CHAPTER 38 WILL COOPERATE WITH 3 MIC'S PURCHASED FOR THE
EAS OFFICIALS.

NEXT MEETING DATE AND LOCATION: MAY 10, 2011, LOCATION :
GRAND CHINA BUFFET AT NOON

MEETING ADJOURNED: 1:15 PM .ACCEPTED BY OWEN SMITH

NOTES FROM THE EDITOR:

THE LATEST INFORMATION FROM NATIONAL SBE IS INCLUDED
IN PAGE 5, IT IS VERY IMPORTANT FOR YOU TO READ IT.....

THE LATEST ON A NATIONAL TEST OF THE EAS

NOTES FROM THE SECRETARY:

It will be sent via regular mail a very friendly reminder to
those members and sustaining members that had not covered
the 2011 dues. Watch for the mail !!

MAY PROGRAM

We will have another regular meeting, there is no presentation unless something comes at last minute, and if that is the case, it will be announced.

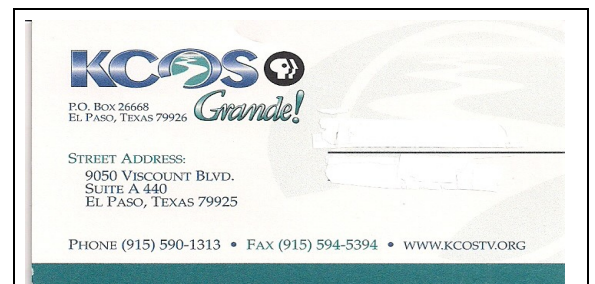
I hope this time we can have a discussion about all the good stuff that you learned in NAB Las Vegas, if you are willing to share.

EAS issues , please bring them so Mr. Chairman Ron Haney can answer them directly.

The invitation is for next **Tuesday May 10, 2011** at **GRAND CHINA BUFFET** for lunch (12:00 PM)

PLEASE, plan to attend and get involved in our chapter decisions.

RF TECHNOLOGIES promised to have a presentation on July the 12, let's wait because that will be very interesting



Friend credits Peter McGowan, news operations manager at WCBS, and the R&D department for discovering the technology and figuring out how to put it to work in an “effective way.”

Friend says CBS stations have become adept at using the cellular technology in a short time. “In Chicago, during a huge snow storm, when cars were lined up along Lakeshore Drive, the camera operator walked along Lakeshore Drive shooting live, showing vehicle after vehicle. No other station could duplicate that. This technology has made us truly mobile, on foot as well as in the vehicles.

“With Mobile2, we are not a block away or five blocks away, but right there on the ground as it happens,” Friend says. “That’s changed the way we work and why I call this technology a game changer.”

*Copyright 2011 NewsCheckMedia LLC. All rights reserved. This article can be found online at:
<http://www.tvnewscheck.com/article/2011/04/28/50881/bonded-cellular-technology-boosts-cbs-eng>.*

LAST MINUTE INFORMATION FROM SBE NATIONAL, PLEASE READ:

The Latest on a National Test of the EAS

Most of the talk in the EAS world for the past several months has been about CAP and Part 11 rewrites, but there is an EAS issue that will impact all broadcasters before CAP becomes a reality. That is, a National EAS test, similar to what has been done in well-publicized tests in Alaska and lesser known tests in the U.S. Virgin Islands.

According to FEMA representatives, the National EAS test will hopefully happen sometime in 2011. They say hopefully, because a lot of coordination still needs to happen with the FCC, the White House, the Department of Homeland Security and the Department of Defense.

We do know some basic information about the test. It will NOT be voiced by the President. Instead, it will be a prerecorded message from a presidential designee. The audio in the test will last at least two minutes. The test itself will be a live EAN (Emergency Action Notification) code using the Washington, D.C. FIPS code. There will be no EAT (Emergency Action Termination). FEMA feels that would in effect be two live code national tests and is not needed. The EOM at the end of the EAN will signal the end of the test.

FEMA is planning on doing a lot of education leading up to the national test. You will see more from them on this topic this summer. SBE is working with FEMA to get the message out through planning roundtable discussions and webinars. Keep checking www.sbe.org and www.fema.gov/emergency/ipaws for more information.

Jeff Smith, CSRE, CBNT

SBE EAS Education Committee Co-chair