

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

OCTOBER 1990

## SPECIAL REPORT: CONVENTION 1990



WORLDWIDE TV-FM DX ASSOCIATION  
POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.



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first class mail

11/90  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

YOUR MEMBERSHIP  
EXPIRES NEXT MO.!

# From The STAFF

**BODACIOUS TROPO!**...The late August/early September period is often the best time of the year for tropo DX in most of eastern and central North America. 1990 has certainly turned out to be a classic example of this. Interestingly enough, it happened this time without a major Hurricane influence, although tropical depressions were a factor. Nevertheless, all the key elements were present, including unusually large and stable humid air masses. At one point, a high-pressure area that seemed to be "glued to the weather map" over the mid-Atlantic states resulted in the opening of unusual Appalachian mountain paths. Word has reached us of the once-in-a-decade kind of ducting that takes place during such rare tropo events. It's likely that some DX records were set. There are too many outstanding loggings for us to cite individually here--please refer to the DX report columns for details.

**F2 SKIP "FIREWORKS" MAY NOT BE OVER YET!**...While it may be true that we are past the solar activity peak now, F2 skip levels often produce excellent VHF DX opportunities for many months following the peak. A "plateau" in solar activity can result in the F2 events of the peak season repeating themselves to some degree during the following season. We're now into Fall, and several observers have expressed surprise at how well F2 skip has returned to the 30 MHz region and above. Conventional wisdom has it that the coming months will not be as good as last year...but who knows? We may be surprised. If you were checking the 48/49 MHz range for signs of European TV carriers last year, be sure to pay attention to these frequencies again this year as well! Even if the transAtlantic video carriers don't show up in the coming months, and even if no-one detects any 45/46 MHz Australia/New Zealand signals this time around, there are still likely to be some very interesting F2 skip signals in the 30 to 50 MHz range.

**WTFDA CONVENTION WRAPUP IN THIS ISSUE...**We owe a big thanks to Mike Wimer for producing this year's WTFDA convention. Tom Bryant has provided us with a report on the event starting on page 3 of this issue, with photographs by Shirley Wimer. Thanks to photo editor Dave Nieman for assistance with the photo layout.

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Cover illustration from a photograph submitted by Mike & Shirley Wimer

Convention '90

## Special Report

WRITTEN BY TOM BRYANT

**MANASSAS -- 8/3-4-5/90 -- A SMASH HIT !!!**

We talked dx! We looked at dx! We looked for dx! We went through enough soft drinks to float the Titanic! We ate! We stayed up too late! We made new friends! We renewed previous acquaintances! We snacked! We toured! We did it up in style; and everybody had a SUPER time!

That's a thumbnail sketch of what went on at WTFDA Convention '90...now a look at the particulars. If you were there you'll enjoy reviewing the events of the weekend; and if you weren't able to attend, this summary is dual-purpose..to report on the event, AND to whet your interest in attending the 1991 convention.

Here is a list of the 28 registered [alphabetically by geographical unit]: **CT**-Bill Nollman **IL**-Bill Eckberg-Marvin Schultz **KS**-Jim Dietrich **LA**-Jeff Kruszka-Ron LeBlanc **MA**-Peter George **MO**-Sam Brown-Gus Mancuso-Tom Yingling **OH**-George Greene **ON**-Bruce Hill **NY**-Greg Coniglio-Mike Coniglio-Mr. and Mrs. Max Engel and son Alex-Robert Goodman-Bill Kretschmer-Bob Seybold **NJ**-Paul Mount-Bob Smolarek **TN**-Tom Bryant-Matt Sittel **TX**-Joe Gregg **VA**-Jim Rollins-Mike Wimer-Shirley Wimer.

Facilities at the Olde Towne Inn were ideal and the accommodations cosy. Early arrivals on Thursday August 2nd helped unload antennas, masts, rotors, etc.; then headed out for a late dinner. Back at the Inn, gab sessions after dining lasted well into the night.

On Friday morning a contingency of about 15 made a pilgrimage into downtown Washington, D.C. for a visit to the public records office and library at the FCC. This trip included a ride on the Washington 'Metro' subway system..a new experience for some.

The antennas were put in place Friday afternoon, and the dx center became operational. The convention officially opened at 5 PM with a pizza dinner. Following the meal there was plenty of time for swapping dx stories, discussing equipment, and looking at dx photos, tapes, and confirmation cards and letters. Friday activities officially ended at 11 PM, but many were still going strong as late as 2 AM!

Saturday's schedule kicked off with an excellent brunch at a nearby restaurant. Then, most of the group headed off to tour area PBS facilities. The first stop was the satellite uplink transmitter; and phase two of the tour was a visit to the national program distribution center. Virtually everything on PBS is on tape and is fed to affiliates nationwide from this facility. Some video production is also done here, and we were treated to a demonstration of the electronic wizardry created at the hi-tech center.

After the PBS tours there was time for short catnaps, quick showers, and more socializing prior to a mouth-watering dinner catered by Po' Folks Restaurant.

Following the meal, Jim Rollins, a native of the Washington area, presented a history of FM broadcast operations in the nation's capitol. That was followed by an in-depth technical discussion of balun impedance matching units presented by Jim Dietrich of Wichita, KS. Jim also discussed a new matching device (along with a UHF pre-amp) that he has designed and is attempting to have produced commercially. A field test of his units is scheduled to be the subject of a report in an upcoming issue of VUD. Tom Bryant, Production Manager for WSM AM/FM in Nashville, TN spoke briefly on the subject of verification requests from the perspective of those who handle them at radio and tv stations.

(continued - next page)



FIRST ROW (L - R) 2nd ROW (L - R) LAST ROW (L - R)

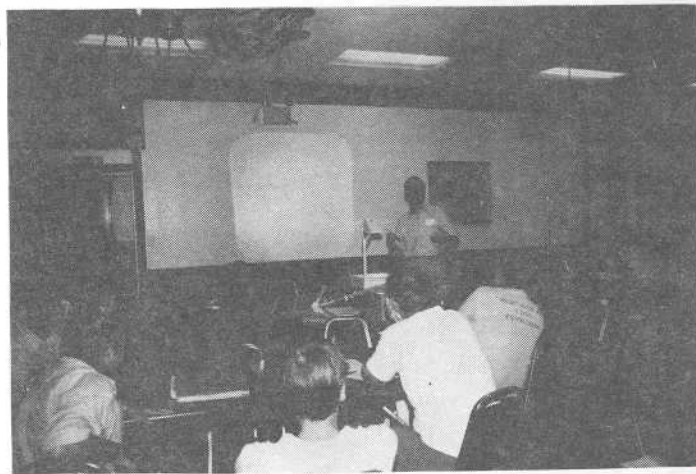
GUS MANCUSO  
PETER GEORGE  
MICHAEL CONIGLIO  
PAUL MOUNT  
BOB SEYBOLD

TOM BRYANT  
JIM DIETRICH  
JEFF KRUSZKA  
ROBERT GOODMAN  
JIM ROLLINS  
MARVIN SHULTS

GREG CONIGLIO  
MATT SITTEL  
BRUCE HALL  
GEORGE GREEN  
BILL NOLLMAN  
WILLIAM ECKBERG  
MICHAEL WIMER

ATTENDEES NOT SHOWN IN PICTURE: JOE GRAGG, TOM YINGLING, MR & MRS MAX ENGEL AND SON ALEX, RON LEBLANC, BILL KRETSCHMER, BOB SMOLAREK, SAM BROWN, SHIRLEY WIMER (PHOTOGRAPHER, BEHIND CAMERA).

BELOW: JIM DIETRICH GIVING TECH TALK ON HIS UHF BALUN AND AMPLIFIER.



LEFT:  
JIM ROLLINS GIVING  
HIS TALK ON FM IN  
THE WASHINGTON D.C.  
AREA.



Wrapping up the 'tech-talk' segment was a question and answer session with Joe Gragg, professional broadcast consulting engineer of Palestine, TX fielding the inquiries. Topics covered a variety of subjects including E skip formation and propagation, and oddities of auroral and meteor shower activity.

After the formal session there was more time for visiting, followup discussions on earlier topics of the evening, and screenings of more dx tapes. It was about 2 AM when everyone finally pulled the plug!

Sunday brunch at 11 AM was the eye-opener for most of the gang. Then it was back to the convention site for group photos. Back in the meeting room, bumper stickers and station promotional items were the main focus of attention; and there was plenty of swapping going on! There were lots of laughs as Gus Mancuso played a videotape of an old "Twilight Zone" episode featuring a dx-er of sorts. His plight was much like ours...the poor guy was unappreciated, misunderstood, and suspected (by friends and loved ones) to be a little bonkers!

Next on the agenda...a surprise "VUD Test" (and most of us had less than total recall when it came to answering the questions based on happenings reported in recent issues)! After the quiz there was a brief tour of the WTKK (66) studios..located within walking distance of the Inn. Toward late afternoon the antennas were taken down and the task of breaking camp was underway. By 6 PM we had vacated the meeting room, goodbyes were being said, and WTFDA Convention '90 was officially adjourned.

Oh, by the way, since this was a dx gathering you might be wondering about all the GREAT catches of the weekend. Sorry, but in spite of the presence of the 'King of DX' Bob Seybold; there was NO Es...and no tropo activity worthy of special mention. Oh well...we couldn't have everything!

Finally, special thanks to hosts Mike and Shirley Wimer for selecting an excellent location as well as choreographing a perfectly run event. Those in attendance were sincerely appreciative of their tireless efforts..all of which contributed to a memorable weekend in Manassas.

ANARC UPDATE

(continued from p.50)

There is talk of allocating more frequencies to the East End. WMNK 104.7 Montauk and WVEH 96.7 East Hampton haven't made it on the air yet. Is this market big enough to handle all these stations? Added to this is a fight for educational frequencies. WPBX 91.1 Southampton wants more power and WSHU 91.7 Fairfield CT, the Connecticut Public Broadcasting, and WLIW-21, Long Island's educational TV all want to construct stations on the East End.

Moving west along the LIE, The Long Island Sound has disappeared. WCTO 94.3 Smithtown has given up its instrumental beautiful music format. At the end of August, they became MAGIC 94 with a light rock format. Most missed are WCTO's ID tapes with the sounds of ocean waves and seagulls.

The change over of WJAZ to WQQQ 96.7 Stamford CT has been reported elsewhere. The last day of WJAZ consisted of sounds of construction with occasional announcements- "This is the annoying sounds of construction. We are building a new radio station, the all new 'Q'".

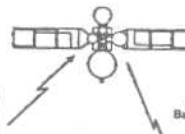
On the tube, WHAI-43 Bridgeport CT is still on the air with the half hour commercials from approx. 9AM to 6PM, weekdays only. W53AA New York has programs in Chinese and Korean. They call the service Pan Asian TV. W60AI New York has the Home Shopping Spree program 24 hours a day, 7 days a week. Who said home shopping TV was going to disappear?

Well, it's good to be back after a long absence. I'll have plenty more in the future.

73's

Steven Sprachman

# SATELLITE NEWS



GEORGE W. JENSEN  
4604 Anntana Avenue  
Baltimore, MD 21206-4220

Greetings and time for the yearly review of Audio Sub-Carriers on air as of mid July.

First some additions and corrections to the Video List of last month:-

- Westar 4 - XPDR 24 - Black College Satellite Net. (occ.)
- Westar 5 - XPDR 6 - Caribbean Superstation (occ.)
- Spacenet 2 - XPDR 11 - ESPN International (MAC enc.)
- Morelos 2 - XPDR 10 - Multivision (Children's) (occ.)
- Telstar 303 - TVN using XPDR's 1,2,3,4,5,6,7,8,9, 13, 20 and 24 (24 is promotional channel)

## 1990 Audio Subcarrier List

### SATCOM 5

- 24 - KSKA - Anchorage, Alaska (FM 91.1)
- Moody Bible Institute

### SATCOM 1

- 1 - ABC Talk Network
- 4 - Sun Radio Network
- 7 - KSUR - Monterey, California (FM 99.5) (Greenfield KKJZ - Los Angeles, California (AM700))
- 11 - KFPM - Houston, Texas (FM 97.9)
- KIKK - Houston, Texas (FM 95.7)

### GALAXY 1

- 2 - WSM - Nashville, Tennessee replaces Nashville Net
- 3 - WFMT - Chicago, Illinois (FM 98.7)
- Seeburg II - Contemporary Lifestyles
- 8 - CNN Headline News Audio Portion (breaks silent)
- 11 - CBN Radio Network
- 15 - WQXR - New York, New York (FM96.3)

### SATCOM 3

- 11 - Cable Radio Net Los Angeles

### TELSTAR 3

- 24 - SBCA was here during convention

### WESTAR 5

- 13 - CTNA Radio Net. (Catholic Telecomm. Net)
- 18 - WAMO - Pittsburgh, Pennsylvania (AM 860)
- this is origination of Sheridan Net.
- 20 - KNOW - Minneapolis, Minnesota (AM1330)
- WCCO - Minneapolis, Minnesota (AM 830)

### SPACENET 1

- 17 - KISN - Salt Lake City, Utah (FM 97.1)
- In-Store Music Services
- Modern Country Music Net.

### MORELOS 1

- 2 - XEPR Radio Felicidad (AM 1180)
- Radio Acir (sep from Felicidad)
- 14 - XEX FM (ID's as Stereo 72?)

### ANIK D2

- 17 - RaDIO France International
- Continuous Chamber Music service

### ANIK C1

- 6 - Westwood One Radio Network
- 20 - Eskimo/Indian Radio Service with unique interval sig.
- CJRT Toronto, Ontario (FM91.1)

ANIK D1

- 2 - CFNY - Toronto (Brampton) Ontario (FM102.1)  
International Broadcasting Network (Religious)  
Feeds (news and informational)
- 6 - CHIN - Toronto, Ontario (
- 8 - CHFI - Toronto, Ontario (FM 98.1)  
CILQ - Toronto, Ontario (FM 107.1)
- 14 - CKAC - Montreal, Quebec (AM 730)  
CITE - Montreal, Quebec (FM 107.3)  
News Feeds
- 15 - CBC French feeds
- 16 - 2 CBC Feeds
- 18 - CIRK - Edmonton, Alberta (FM 97.3)  
CKER - Edmonton, Alberta (AM 1480)  
CISN - Edmonton, Alberta (FM 103.9)  
CFWE - ????????
- CKRW - White Horse, Yukon Territory (AM 610)  
CFNR - Terrace, British Columbia (listed)
- 20 - CBM - Montreal, Quebec  
CBC Classical
- 21 - CKNM - Yellowknife, NorthWest Territories (FM 101.9)
- 22 - CFMI - New Westminster, B.C. (FM 101.1)  
CBU - Vancouver, B.C.  
CBC Talk  
CKNW - New Westminster, B.C. (AM 980)
- 23 - VOCM - St. Johns, Newfoundland  
CHON - Whitehorse, Yukon Territory (FM 98.1)  
CKRW is here when CHON is not operating
- 24 - CBC Radio services

WESTAR 4

- 6 - WCRP (Radio Revelacion) Guayama, Puerto Rico (FM 88.1)

GALAXY 3

- 7 - Country & Gospel Music Service  
Yesterday U.S.A.
- 11 - GALACTIC MUSIC SERVICES  
American's Country Favorites  
Classic Hits  
Soft Sounds  
Light and Lively Rock  
Classical Collections  
New Age Of Jazz  
In-Touch Reading Service  
KOA - Denver, Colorado (AM 850)  
Business Radio Network
- 14 - C-SPAN Program Guide
- 24 - C-SPAN Radio Guide  
Classical Music Channels

SPACENET 3

- 3 - WROL - Boston, Massachusetts (AM 950)
- 5 - Installation Audio Text Network  
USA Radio Network  
Sun Radio Network  
Religious Program Feeds.
- 9 - National Black Network  
Modern Country Music service  
UPI Radio Feeds  
WKEN - Dover, Delaware (AM 1600)  
(C-Sat evenings on WKEN frequency)
- 15 - KKJZ - Los Angeles, California  
Ambassador Inspiration Radio  
2 Religious Program Feeds

SATCOM 4

- 3 - RAI USA Radio service
- 5 - WRVL - Lynchburg, Virginia (FM 88.3)  
WLBU - Lynchburg, Virginia (TESTING)
- 8 - Black Gospel Music Service  
KILA - Las Vegas, Nevada (FM 90.5)
- 15 - Yesterday USA  
Lighthouse Inspiration
- 19 - In-Touch Reading Service  
GALACTIC RADIO SERVICES as on G-3 11  
NOTE - this transponder carries a large number  
of encrypted audio services.
- 21 - Yesterday USA

SATCOM 2

- 22 - AFRTS carries 2 audio services on this channel that  
are encrypted

SPACENET 2

- 2 - Nebraska Public Radio Network  
BBC World Service radio noted occsaionally
- 16 - Radio France International

INTELSAT 53W

- 14 - carries several occasional BBC/ITN Audio News Feeds
- 24 - Radio Nacional de Argentina - Buenos Aires

INTELSAT 27.5W

- 14 - Capitol FM Radio London, England when not feeding
- 16 - BBC Radio Services
- 15 - VOA/USIA Radio services primarily in  
English, Spanish and Portuguese

This completes the yearly summaries. I have tried to verify the many services listed in several sources. At times this was not possible. You have no idea what it is like to listed to hours of schlock and other types of boring items to get an ID that at times never comes. That's all for now - see you in 30 and '73's as always.

SOUTHERN FM DX

		Jefferson, cont.		(continued from p 26)
8/2/90	TR			
0756	KDDB@	92.5	CA Paso Robles	180 Local; KAER off
0800	KLAD	92.5	OR Klamath Falls	290 Calls
	ES			
1918	XHHB	94.7	SN Hermosillo	910 R. Sonora
8/11/90	MS			
1251	KLTN	103.5	NV Las Vegas	380 Local ad
8/19/90	TR			
1105	KLAD	92.5	OR Klamath Falls	ID; KAER off

Aside from 5/28, the best day of the season was probably 7/11. Except for an eye appointment, I'd have missed it. Left work early just so I could swing by the house, leave the car, & take a leisurely walk to the doctor's office. Ended up bent over the FM until the last minute, as the skip was hot & locals KWOD 106.5 & KRAK 105.1 were off. Caught KYQG live, though it took a while to confirm them as I hadn't received word of the call change, and their Arkansas City phone # is a toll-free in-state only number. My only previous loggings on 106.5 in Northern CA since I began in 11/57 were KWOD & KEZR San Jose, so that was a BIG one.

Finally hgd to go. Made a fast guess, left the tuner on 105.1, & drove to the appointment. By the time I'd gone 2 blocks, KWOD was back, so that was the right choice! Aside from what's noted above, KXKL was in for 20 minutes, interrupted only when KJFK walked on them. The tape ran off 50 minutes later, & two stations were still fighting it out on 105.1, but when I returned at 1610 the FM was dead. Question is, how long was it going before I got home? And how many other work days had openings like that? (I don't think I want to know the answer to that - it could lead to depression.)





# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

For DXers in: Canada, ME, VT, NH, MA, CT, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR

OCTOBER 1990

DEADLINE: The 1st

Log Cutoff for November column: August 1, 1990

Not too much skip to speak of, though July 8 was a good opening for many. The big story has been the very good trop season in the east. August 21, and 28 were good openings, and the first week of September brought conditions out to at least 650 miles in areas in the Northeast. If you got in on these great openings, let us know!....

**DOUG SMITH - 3105 OAKRIDGE AVE. - MADISON, WISCONSIN 53704-5848**

Equipment: Technics ST-G50 with unknown large Winegard VHF-TV antenna at 25 feet.

### JULY 1990 DX

<b>2 Tr</b>	
2014 <b>KDMG</b> 103.3 IA Pella 215	
<b>KCCK</b> 88.5 IA Cedar Rapids 137	
<b>WQNC</b> 89.1 IL Naperville 110	
<b>WJTY</b> 88.1 WI Lancaster 73	
<b>KMCD</b> 95.9 IA Fairfield 190	
<b>KCLN</b> 97.7 IA Clinton 100	
<b>WYMG</b> 100.5 IL Jacksonville 225	
<b>WTCM</b> 103.5 MI Traverse City 231	
<b>WCEM</b> 105.1 IL Quincy 237	
<b>WBCR</b> 90.3 WI Beloit 42	
<b>KGRC</b> 92.9 MO Hannibal 237	
<b>WRHL</b> 102.3 IL Rochelle 85	
<b>WJEQ</b> 102.7 IL Macomb 207	
<b>WABT</b> 103.9 IL Dundee 90	
2330 <b>WRVM</b> 102.7 WI Suring 138	
<b>3 Tr</b>	
0611 <b>WWKI</b> 100.5 IN Kokomo 225	
<b>WDCB</b> 90.9 IL Glen Ellyn 110	
<b>WLST</b> 95.1 WI Marinette 160	
<b>WPHN</b> 90.5 MI Gaylord 270	
<b>4 Tr</b>	
2012 <b>KQRS</b> 92.5 MN Golden Valley 221	
2020 <b>KTCZ</b> 97.1 MN Minneapolis 221	
2030 <b>KTIS</b> 98.5 MN Minneapolis 221	
<b>WLQL</b> 99.5 MN Minneapolis 221	
<b>WCTS</b> 100.3 MN Minneapolis 221	
2040 <b>KYSM</b> 103.5 MN Mankato 251	

Relogs less than 200 miles not shown. (100 miles for Class As). Another new 80-90 in this area will make 100.5, possibly my most productive tropo channel, more difficult. WYKY is running Satellite Music Network adcon, although another local said he heard a local announcer. I think this station is owned by WBEV/WXRO and probably shares the same address....WVTI (have they had a call change? forgot to ask!) gave a phone # for Billy Joel tickets (800-940-1071); called it and DJ gave station address of 1775 W. Hibiscus, Melbourne, FL 32901, and asked for a reception report. (however, QSL not received as of 7/31)....The morning of July 7 I had an intense local enhancement. There were stations on all but 11 channels and DX was heard adjacent to super-strong locals WERN, WTFX, WIBA-FM, and WZEE.

**AROUND THE DIAL:** WYKY 100.5 Columbus, WI is on the air, with a/c format (see Doug Smith's report above....WCTO 94.3 in Smithtown (Long Island), NY reportedly is dropping EZ for a soft adcon format....The Buffalo Bills NFL games have been moved to WGR AM/FM this season, so listen for Bills games on 96.9 FM....WYMX 99.1 Greenwood, Miss. has been reported with the slogan "Max 99"...This major news just in: WRQX 107.3 in Washington, DC, longtime top 40 legend "Q-107" has gone to "Mix 107.3". The format is not all that different from before, but more oldies have been added; hard rock & rap have been eliminated. 107.3 Greenville, Michigan is now WODJ, "Oldies 107.3"...and a new one is on in Quebec. CHEY 94.7 Trois-Rivieres has singled on the air; Telemedia network..Thanks Bill Nienajadly, Matt Sittel, Charles Gauthier.

## NORTHERN FM DX

OCTOBER 1990

**BOB ZENT - 1835 FRUIT ST - HUNTINGTON, INDIANA 46750**

Equipment: Heath AR1515 (modified) Phillips 673 tuner, Channel Master Probe 9 at 44' AGL.

### JUNE 27 Es

0908 KITY 92.9 TX San Antonio	1075
0911 KNIN 92.9 TX Wichita Falls	880
0914 KVRP 95.5 TX Haskell-Abilene	960
0917 KSCS 96.3 TX Fort Worth-Dallas	835
0920 WRR 101.1 TX Dallas	825
1000 KSEC 93.3 CO Lamar	930
1002 KKBQ 92.9 TX Pasadena-Houston	1050
1031 KVOO 99.5 CO Denver	1020
1035 KEGL 97.1 TX FtWorth-Dallas	835

### JUNE 27 Es cont.

1042 KWYK 94.9 NM Aztec-Farmington	1250
1123 KTXH 88.1 TX Lubbock	1000
<b>JULY 4 TROPO</b>	
0305 WGMR 101.1 PA Tyrone-S.College	360
0330 WYFG 91.1 SC Gaffney	450
<b>28 Tr</b>	
1500 WJJD 93.9 KY Burnside-Somorset	275
1550 WNRJ 105.7 OH Marysville-Columbus	130

This year has been, so far, one of the better ones, in recent memory, for DX conditions. I am trying to log as many new stations as possible on the few channels that are relatively open in this area, as there are CPs on just about all of them now for stations that will be strong enough to make them useless for most DX. Many thanks to Bill Nienajadly, Mike Bugaj, Bruce Elving, and others for recent VUD articles on filter modifications for FM tuners. 73 and best of DX, Bob

**MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082**

Equipment: modified Carver TX-11 and Sony 5130 ftuners, with Probe 9 at 30 ft agl.

### JULY 1990 DX

<b>1 Es</b>	
1045 KOLX 94.5 AR Barling, Oldies 94	
1051 KNIN 92.9 TX Wichita Falls, r, Rockin 92	
1058 KTLS 93.3 OK Ada, gospel	
1113 KVOO 98.5 OK Tulsa, Country 98	
<b>4 Tr</b>	
0015 WFRB 105.3 MD Frostburg, k	
0830 WFMZ 100.7 PA Allentown,	
0834 WGMR 101.1 PA Tyrone, k	
0845 WFBG 98.1 PA Altoona, b	
<b>6 GW</b>	
2040 WQQQ 96.7 CT ex WJAZ, now oldies!	
<b>8 Tr</b>	
0856 WAAI 100.9 MD Hurlock, k	
<b>8 Es</b>	
1615 KMYZ 104.5 OK Pryor, Z 104.5	
1619 KZBS 98.9 OK Oklahoma City, Z-99	
1623 KXLS 99.7 OK Alva	
1630 KKOW 96.9 KS Pittsburgh	
1650 KYKX 105.7 TX Longview	
1650 WLTS 105.3 LA Slidell	
1650 KKYR 102.5 ??? k	
1653 WHOD 104.9 AL Jackson	
1654 unID 107.5 the all new C-107 KCIL (Mike, I think this is Houma, La.-gc)	
1654 KSAJ 98.5 KS Abilene	

**8 Tr**  
2022 WLTJ 92.9 PA Pittsburgh  
WSHH 99.7 PA Pittsburgh

**9 Tr**  
1935 WOEZ 100.9 PA Milton  
2113 WGCB 96.1 PA Red Lion, g

### JULY 1990 DX

<b>10 Tr</b>	
0650 WQXA 105.7 PA York, Hot 105.7	
<b>14 Tr</b>	
0908 WRWD 107.3 NY Highland, ID	
<b>15 MS</b>	
2155 KKWK 97.1 OK Muskogee, CLs heard and no Es	
<b>19 Tr</b>	
0738 WQSR 105.7 MD Catonsville, oldies	
<b>21 Es</b>	
1815 WRJM 93.5 AL Geneva	
1818 WVFJ 93.3 GA Manchester, g	
1820 WZGC 92.9 GA Atlanta, r	
1825 WREG 89.3 GA Atlanta, soul	
<b>21 GW/Tr</b>	
WPKX 97.9 CT Enfield, Kicks 97.9	
2300 WNYX 94.1 NY Whitehall	
<b>22 Tr</b>	
1030 WGMR 101.1 PA Tyrone, k	
1034 WHGL 100.3 PA Troy-Canton, k (FM 100.1)	
1115 WQXT 101.7 NY Owego	
1229 WRKZ 106.7 PA Hershey, k	
<b>27 Tr</b>	
0700 WQSR 105.7 MD Catonsville, o	
1800 WEBE 107.9 on reduced power, heard WRRB Syracuse and an unID b station the west that did not sound like VT. (Mike, Syracuse is now WRHP and b, so I bet that was it-gc)	
1930 WYMT 102.5 ME Camden, Coast 102.5	
1932 WKSQ 94.5 ME Ellsworth, Kiss 94.5	
1940 WAFX 104.7 ME Belfast, r	
1951 WPBC 92.9 ME Bangor, Bright 93	
1952 WABK 104.3 ME Gardiner, the all new K-FM	
2024 WMME 92.3 ME Augusta, r	

Just a note that WPKX Enfield started regular broadcasts on 7/24 with a k format. I thought it would be a major pest, but it has not turned out that way. Their studios are in Springfield. They have a local Springfield phone nr and an 800 number for calls from CT. I called them to find out where their TX location was but the girl DJ who answered said she was new to the area and that all she knew was it was "out on top of a mountain somewhere". That eliminates Enfield. We don't even have hills here. I have two good nulls to the NE and SW. I would guess their XR is in MA somewhere, perhaps Agawam or Holyoke. More next time.

SEND IN YOUR DX TODAY !!



JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - Two McIntosh MR-78 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JULY 1990

4 Super Tr (continued from last report)

0106 WFUN 91.9 NY Brooklyn - this pirate noted on for the holiday with old rock

0342 WMJI 105.7 OH Cleveland, "Majic", o 385

0350 ?? 102.9 Country w/4 state weather at one point - WROG Cumberland, MD???

0510 [C1MX] 88.7 ON Windsor, "The Mix" - "Motor City's best variety" ex: CKWW/CJOM 459

0537 WDOQ 102.1 OH Cleveland, call, ads, soft rock 385

0558 WCKC 103.7 PA Erie, Erie wx, r "All New K-Hits 104", o/WNNJ 313

0609 WPHR 107.9 OH Cleveland, "Power 108" 385

0628 WMMG 99.7 OH Columbus, r, "Magic 99.7" 454

0658 WYFM 102.9 PA Sharon, "New Lt. Rock 102.9" Letterhead shows only a Youngstown address! 321

0721 WKBN 98.9 OH Youngstown, call + "FM-99", light rock 327

0729 WZIP 88.1 OH Akron, "Zip Rock 88" + call, contest, r 372

0744 WTOFt 98.1 OH Canton, assumed to be the one here with religion and a Akron ad

0803 WLER 97.7 PA Butler, nx, WBUT-WLER ID 287

0827 WTUE 104.7 OH Dayton, call, ad, news 519

0837 WNKD 101.7 OH Newark, baseball scores, Newark wx, call, a big surprise! 427

6 Es

2024 KCMQ 96.7 MO Columbia, call, r 958

2037 [KCBW] 92.1 MO Sedalia, call + "B-92" ex:KSIS 1009

2057 KJMO 100.1 MO Jefferson City, ID, o 955

2102 KYQQ 106.5 KS Arkansas City, call + "New Q-106.5", r 1241

2105 KIOL 99.3 KS Iola, ads, promo which used "Kicks in Iola-Chanute" slogan, Royals BB - is call KIOL or KIKS?? 1137

8 Es

1401 WFFN 92.9 AL Cordova, k, ID w/WARF (AM) 846

1406 KQKt 106.5 TX Galveston, assumed to be the one with "Hot 106.5" slogan, Mexican music, English and Spanish anncs. 1240

1408 KWIC 107.9 TX Beaumont, call, r, EX: 107.7 1325

1413 KVVP 105.5 LA Leesville, k, phone nos. 537-KVVP and 462-KVVP 1240

1414 KBVO 104.9 LA Tullulah, k, call 1088

1423 KCTO 103.1 LA Columbia, call + "Oldies 103" - no more religion?? 1144

1429 KHUN 101.7 TX Huntsville, ads, ID, Casey Kasem 1368

1442 KISX 107.3 TX Whitehouse, "Kiss", o 1293

1453 RDEZ 100.1 AR Jonesboro, call + "KZ-100" "From the Simmons First Bank Building..." (Someone must have a Z-100 tape there) 942

1458 KVIL 103.7 TX Dallas, call 1352

1459 KRWA 103.1 AR Waldron w/near zero modulation on announcements 1144

JULY 8 Es (continued)

1500 KVOM 101.7 AR Morrilton, ID 1066

1507 {KLMK} 107.3 OK Poteau, "K-Country" + call, ex-KINB 1166

1512 KKRMT 97.9 TX Dallas, tent. o/local WSKQ w/"New Warm 97.9" 1166

1521 KKYSt 104.7 TX Bryan, Bryan ads 978

1524 KOKR 105.5 AR Newport, K-105 + call 978

1546 KCTT 97.7 AR Yellville, ads, wx, call, k 1033

1547 KATT 100.5 OK Oklahoma City, "The Cat", r, ads 1304

1553 KWEN 95.5 OK Tulsa, Tulsa ad, "K-95", o/local WPLJ 1205

1601 KKND 105.5 OK Stillwater, full ID 1265

1607 KPNC 100.9 OK Ponca City, call, k 1252

1619 KMBR 99.7 MO Kansas City, K.C. wx, "Light 99.7 FM" 1074

1621 KEYN 103.7 KS Wichita, call, o 1243

1624 KCVS 104.9 KS Salina, promo, g 1239

1633 KQUS 97.5 AR Hot Springs, "US-97", k 1103

1636 KSAJ 98.5 KS Abilene, call 1229

1648 WZZJ 104.7 AL Birmingham, call, k 838

Tr

2018 WOMP 100.5 OH Bellaire, "Womp-FM" 336

Es

2144 KOGA 99.7 NE Ogallala, ad, SID, 1427

2152 KZMC 105.3 NE McCook, ads, call 1379

2204 KRGT 96.5 NE Grand Island, call, k 1253

2211 KUCV 90.9 NE Lincoln, NE Public Radio ID 1166

2230 KKPR 98.9 NE Kearney, "Power 99", o, FM-AM ID 1293

Super Tr

2302 [WPIG] 95.7 NY Olean, full ID complete w/oink, k, ex-WEBF 233

2349 WWSW 94.5 PA Pittsburgh, "3WS", o, I don't know how this made it over both WCHR and WDAC!!!! 292

2350 WFRA 99.3 PA Franklin, "The New Mix 99.3 FM", mostly o, legal ID at 0000 then off 288

9 more Super Tr

0021 WAMO 105.9 PA Pittsburgh, "Hot 106 is WAMO", o/local WNWK 292

0037 WBZZ 93.7 PA Pittsburgh, Trojan ad, wx, B-94, o/WSTW 292

0058 WQMU 103.1 PA Indiana, WDAD promo, wx w/legal ID buried in it. 248 (WLTJ, WSHH, and WDSY also noted from Pittsburgh plus tentatives on WMYG-96.9 Braddock and Oil City-98.5).

18 Es

1901 WJSU 88.5 MS Jackson, ID 1046

1918 WKBB 100.9 MS West Point, call, ads 920

1929 WMPN 91.3 MS Jackson, PRM 1046

1934 KJEF 92.7 LA Jennings, Swap Shop, call and address 1252

1943 KGOK 97.7 OK Pauls Valley, "KGOK rocks Pauls Valley" 1310

1959 KNYD 90.5 OK Broken Arrow, ID, g 1200

2000 KKEG 92.1 AR Fayetteville, ID 1115 73 til next month, Joe

NORTHERN FM DX

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC J4Z 2P7

OCTOBER 1990

JUNE 1990

27 Tr

0024 WCIZ 97.5 NY Watertown, CIZ FM

JULY 1990

8 Es

1657 KEBC 94.7 OK Oklahoma City, wx

1701 KRUS 88.7 LA Lafayette

73's and Super DX, Charles

27 Tr

1200 WGBH 89.7 MA Boston

AUGUST 1990

9 GW

2300 CHEY 94.7 PQ Trois-Riveres, 75 miles testing (almost like a local-Telemedia)

21 Es

2345 KWQA 95.1 MN Worthington, KO95, 1120 mi

ROBERT S ROSS VE3JFC - BOX 4373 STN C - LONDON, ONTARIO N5W 5J2

Equipment: Marante 2226B, FM beam for antenna

AUGUST 1990 DX

12 Tr

0245(WGFM) 105.1 MI Cheboygan, Oldies Rock mx, ID as W-Gold-FM, weather

26 Tr

0048 WHMQ 107.7 OH Findlay, c/w mx, tri-city forecast

0100 WNIN 88.3 IN Evansville, FM 88 WNIN, program called Riverwalk, Jazz music: 468 miles

0110 KEIN 107.9 AR Jonesboro, local ads, ID as K-Fine and Super Country 108. American Country Countdown, adv for Seniors home in Jonesboro call 932-2517 MY LONGEST TROPO EVER 700 miles (Nice catch Robert-gc)

27 Tr

0030 WJIE 88.5 KY Okolona, gospel choir mx, calls 88.5 WJIE, over WMUB Oxford, OH 385 miles

AUGUST 27 Tr cont

0055 WFPL 89.3 KY Louisville, WFPL Jazzline at 583-2787, sign off at 0059 379 miles

0104 WQUL 90.5 KY Louisville, Bill Parker with classical music program, Music Through the Night

0118 WBUT 93.3 IN Kendallville, Country 93-WBTU wx report in downtown Ft. Wayne, c/w mx

0151(WBYR) 98.9 OH Van Wert, The Bear, local ads

0200 WCOZ 96.9 KY Paris, ex 96.7, ID as Cozy 96.9 Lite Rock and MOR mx. 370 miles

0205 WENS 97.1 IN Shelbyville, talkshow #239-1197 ID with Indianapolis, Fireworks display spot

0252 WWIN 106.1 IN North Vernon, OM DJ, ID as Indianas big One WINN, rock mx, mix with WVNO Mansfield, Ohio.

0400 KDHX 88.1 MO St. Louis, rock music pgm, OM DJ "Youre tuned to KDHX St. Louis Public radio

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magunm Dynalab FT101A, Probe 9 at 27', rotor, RG-11u, Magunm preamp.

JULY 1990 DX

15 Trs

0240 WHZR 103.7 IN Royal Center, r\$, announcing now 6000 watts, Hoosier 103.7 319

18 Trs

2152 WHTX 96.1 PA Pittsburgh, ro\$, ID. Greatest test of my gear (high side of CFPL 95.9 pointed right at them). 229

19 Es

1433 KUT 90.5 TX Austin, \$, reading of meeting 1301

1435 KOPY 92.1 TX Alice, k\$, ID 1451

1441 KHRN 94.3 TX Hearne, r\$, K-94 1224

1501 KYK 98.3 TX Palestine, k\$, ID 1140

1502 KORA 98.3 TX Bryan, ID 1222

1503 KRYL 98.3 TX Gatesville, k\$, ID 1239

1506 KZQU 98.5 AR Little Rock, r\$, Zoo 98 854

1518 K237CH 95.3 LA Baton Rouge, g, ads, xltr of WQCK Clinton, LA. "Baton Rouge's light" My first translator!!! 1059

JULY 19 E-skip continues.

1522 KVVWG 95.3 TX Pearsall, \$, local sports in SS 1427

1523 KEXY 96.7 LA Morgan City, ID\$, briefly o/CKGL 1105

AUGUST 1990 DX

2 Es

2048 KNTU 88.1 TX Denton, ID\$ 1130

4 Trs

1401 WMRT 88.3 OH Marietta, c\$, ID 295

1453 WXVM 89.5 OH West Union, very weak with ID 349

18 Trs

0005 WMTB 96.1 OH Archbold, ro\$, ID, ex95.9, impossible before due to CFPL 95.9 191

1545 WCMZ 98.3 MI Sault Ste Marie, j\$, CMU Public Radio, // WCML 91.7 Alpena 243



Unfortunately FM-TV DX has slowed right down. Have only noted a couple of Es openings on TV up to about Ch 4. Report sent to K237CH but no answer as yet. 73

dBRUCE HALL c/o 141 KING GEORGE ROAD - BRANTFORD, ONTARIO N3R

Equipment: JVC JRS201 Receiver (mod 3 150 khz filters), Magunm Dynalab 205 signal sleuth, Stereo Probe 9 few with RG6 at 50 feet AGL, Crown rotor (Ed: Distances are km)

JULY 1990 DX

25 Tr/Trs

0718 WSCP 101.7 NY Pulaski, k by Cash, local ad 345

0750 CBJC1 95.5 ON Belleville, tm, French mx, has not moved to 94.3 yet 242

0800 CKME 94.3 PQ Montreal, rs, ID on hour, FF rx 598

26 Tr

0701 WEGW 107.5 WV Wheeling, Eagle 107, ad 355

27 Tr/Trs

0616 WZSH 95.1 NY South Bristol, The New Wish 95 231

0632 CBON17 95.1 ON North Bay, tm, French, ID 368

JULY 27 Tr cont.

0720 CBOS 90.9 ON Sudbury, tm, classical guitar mx through CJRT splatter. 382

AUGUST 1990 DX

1 Trs/MS

0643 WJMK 104.3 IL Chicago, o, Magic 104, ms burst heard "...MK 104.3 dial setting..." 626

0645 WXXL 104.3 MI Barage, "...WX--great northern" 782

0700 CJOM 104.3 ON Sault Ste Marie, Q104 rx at 7 high hear 24 degrees C, local ad 506

BRUCE HALL'S REPORT CONTINUES!!...

## Bruce Hall's report continued.

## AUGUST 8 GW

0727(WEZO)107.7 NY Weathersfield, EZ107.7, b 170  
**9 Tr**  
 0659 WCPZ 102.7 OH Sandusky, r, local carpet ad 300  
**10 GW/Tr/TrS**  
 0645 WSAE 89.3 MI Spring Arbor, g, ID 89.3 WSAE  
 and 1540 AM KTTG 395  
 0700 WBEF 89.9 NY Buffalo, Hello you're tuned to  
 WFBF Buffalo. Most wanted after 5 month  
 search for it, last Buffalo catch. 115

Enjoyed immensely Manassas convention. Excellent hosts, agenda, and location. Especially enjoyed meeting fellow members and the willingness to share their expertise on the DX hobby. Thanks to all who made my first convention feel like I was at home with friends. Already looking forward to 1991 convention.

**BILL NIENAJADLY - P.O. BOX 2999 - CLIFTON, NEW JERSEY 07015**

One of the best openings of the season occurred on July 8th. The Es started in the afternoon (a very rare time of 1400). As soon as the Es got brewing on TV I had checked FM where I found the MUF at 107.9 (probably higher!) KWIC Beaumont TX 107.9 at 70 db kicked off the opening and at 1407 KYKR 93.3 Port Arthur TX...1417 had "Z-100" and ment "Golden Triangle" which turned out to be on 100. IWZIX Artesia MS...1419 on 106.5 in Spanish "Houston 106.5 Live", KQQK 106.5 Galveston...1424 KBYO 104.9 LA...1427 KJLO 104.1 Monroe LA...1428 KMYQ 100.1 Bastrop LA...1430 WMC 99.7 Memphis TN...1444 KUEZ 99.3 Luftkin, TX...1447 KISX 107.3 Whitehouse TX...1452 KYKX 105.7 Longview TX... Now we had 2 or 3 openings at once! Read on...1422 WTRS 102.3 Dunellon FL, then a Cool 96.9 ment Jacksonville FL (Hi John!) and WKQL oldies I think (probably-gc)...1501 KVT 91.7 Dallas TX...1514 KARQ 92.1 Ashdown AR...1516 KNIN 92.9 Wichita Falls TX or KS help! (It's Texas-gc)...1522 KZOU 98.5 Little Rock...1525 KYKM 97.7 Winfield TX...1543 KTLS Ada OK on 93.3, and who is KNDL on 100.9 and 100.1 both // and running oldies? Oh yes, there is still more! 1600 KBEZ 92.9 Tulsa (common this season) Hi Danny!...1601 KNYD 90.5 Broken Arrow OK...1623 KFDD 101.3 Wichita KS...1624 KPNC 100.9 Ponca City OK with many ments of Ponca City!!! 1625 KTPK 106.9 Topeka KS...1654 KHLT 94.1 AR...1658 WDJC 93.7 Birmingham AL...1700 WXL 94.1 MS (Why do I get all these #@\$# \$ lite stations? -Hi!) WZMP 95.1 Meridian MS at 1701...1704 WBBN 95.9 Taylorsville MS (last years Es pest)...1740 KKN 92.5 Tulsa (Oklahoma City-gc) heard a lot on Es...1747 KSSR 93.7 AR...WOW! what a great Es session! Now traps kick in....

Also July 8th at 2323 WKLX 98.9 Rochester NY-235 miles 30 db (Hi Jim!) + WVOR 100.5 at 40' db!! Greg, your local WMJQ was blasting away at 40 db. As midnight arrived into July 9th at 0020 I Dded WPIG 95.7 Olean NY-230 mi...One of the best, at 0100 WAAL 99.1 Binghamton way over strong semi WAWZ...0103 WYXL 97.3 Ithaca NY-not common...0103 WBEE 92.5 Rochester NY-235 miles...with WQXR off as usual on Monday Morning, CFMK 96.3 on steady tropo with no fading! 0131 finally I Dded WFRG 96.1 Utica NY after many months of trying! At this time Albany and Syracuse were coming in on steady tropo! During this trop session Joe Fela has Pittsburgh strong and I didn't. Me and Rich Shaffan both noticed a 97.3 country stations we couldn't ID (No idea on this. Does WJFD run some country maybe?-gc). Also noticed a 96.9 AOR not Utica with a very compressed sound to it, playing a Woodstock Album and no IDs.....August 4th late nite into midnite. A very strong Cape Cod opening noted, WOCB 94.9 almost local strength. Hartford was local with WJMJ 88.9 finally heard. Very strong opening indeed, other NJ DXers did better than me but finally logged WKPE out yonder on the Cape 104.7 which was always impossible due to WSPK being so strong all the time here. I did hear Boston later pick up and I had WHCN 105.9 Hartford OVER WNWK 12 miles local.

Meteor Scatter Results:

**AUGUST 13 MS Perseids**

1400 WQZZ 99.7 WI Sturgeon Bay, "...Sturgeon Bay, Green Bay..."

**AUGUST 15 Perseids**

0428 WMC 99.7 TN Memphis. "...FM 100, the official station of Waynes World..."

0455 WQZZ tent 99.7 again "highs in the upper 60's along the lake..."

BILL's DX SUMMARY FINISHES UP ON THE NEXT PAGE.....

## AUGUST 10 DX continued.

0721 WHKQ 99.1 OH Dayton, K99, ID, Listed  
 incorrectly in 1989 FM Atlas was WHKS 515  
**17 TrS**  
 0805 WHPA 104.9 PA Hollidaysburg, mr, nx, ID and  
 nxcaster Joyce Cavanagh, 141 watts!! 345  
**19 TrS**  
 0655 WKGW 104.3 NY Utica, r, Magic 104, ads 382  
 0854 WQNY 103.7 NY Ithaca, r, Q104, "66 degrees  
 in downtown Ithaca..." 73,db 290

## BILL NIENAJADLY's report continues..

I didn't have time to DX the Perseids much mainly because I had to get ready to vacate and move to my new location 8 blocks to Ackerman Ave still in Clifton, and if anyone wrote to me, I'm sorry if I haven't gotten back to you; I will. Again I missed the convention!!! I hope to get DX ready in a week or two and this location might prove to be better than Highland Ave. All mail goes to PO BOX 2999 as always so nothing really changes as far as mail is concerned. Lets hope for a good tropo season this fall! Goodxing, Bill

**COLUMN NOTES:** There seems to have been some complaints regarding the use of different typestyles, or fonts, in this column. I was very surprised to read this, since all reaction up till now toward this policy has been positive. Members told me they felt it livened up the page; helped to make each report unique. Folks, if you don't let me know when you don't like something I can't do anything about it, can I? This column has ALWAYS been open to comments, suggestions, criticisms. I will personally respond to anyone who writes me with some concern, and will even print it if there is a request to do so. Sometimes I find it frustrating when I ask for opinions on how the column should look, receive next to nothing, and then certain members complain to HQ anyway. If you have a comment, feel free to write...

**ERIC FADER - 64 WILD BIRCH FARMS - PEEKSKILL, NEW YORK 10566**

Equipment: Onkyo T9090, Antennacraft GFM6, on tripod in den (hand rotated)

## JUNE 1990 DX

## 26 ES

2019 WBLX 92.9 AL Mobile  
 2020 WMEZ 94.1 FL Pensacola  
 2020 WKSJ 94.9 AL Mobile  
 2021 unID 94.1 Star 94 FM, with show  
 jazz flavors, who?  
 2027 unID 94.9 with new age, FM95  
 2033 WQST 92.5 MS Forest  
 2122 KOLL 94.9 AR Pine Bluff, Cool 95

## JULY 4 TR

0655 WHRC 94.1 OH Canton  
 0701 WTOF 98.1 OH Canton  
 0705 WDJQ 92.5 OH Alliance  
 0715 WYXL 97.3 NY Ithaca, strongest ever  
 0745 other inland PA/NY's enhanced.  
 0817 WCII 88.5 NY Spencer  
 0833 WCIH 90.3 NY Elmira

## 8 Tr

0719 Coastal Tr to NJ/PA/MD/VA

## 8 Es

1528 KNIN 92.9 TX Wichita Falls  
 1555 KBEZ 92.9 OK Tulsa  
 1557 KVQQ 98.5 OK Tulsa, k  
 1601 KMOD 97.5 OK Tulsa thru WALK w/rp  
 1609 KLTU 94.1 TX Dallas  
 1614 KRKQ 107.7 OK OKC, classic Rock  
 1618 KZNN 105.3 MO Rolla  
 1621 KKRD? 107.3 KS Wichita  
 1622 KXKL 105.3 KS Haysville  
 1631 unID 99.7 Top 40, FM 100  
 1635 KOLL 94.9 AR Pine Bluff  
 1643 KZQC 92.9 KS Osage City, KZ 93, k  
 1647 WOUF 93.3 LA New Orleans  
 1650 WMXZ 95.7 LA New Orleans, WMX  
 the new Mix 95.7

## JULY 8 es

1651 KMBR 99.7 MO Kansas City, Lite 99.7 FM  
 1652 WLTS 105.3 LA Slide Lite 105  
 1653 KHLT 94.1 AR Little Rock, K-Light  
 1658 KFKF 94.1 KS KC

## 9 Tr

2217 WBUF 92.9 NY Buffalo, FM 93  
 2225 WJYE? 96.1 NY Buffalo, with soft AC, needed  
 u/WLEV, WGCN, WSR5

## 12 GW/Tr

0003 WWHH 91.3 CT W.Hartford

## 22 Tr

0949 WNYV 94.1 NY Whitehall, Lakes Region Radio  
 0953 WENU 101.7 NY Hudson Falls

## JULY 22 Tr cont

0955 WQNY 103.7 NY Ithaca  
 1007 WCAN 93.3 NY Canajoharie // WAMC and WAMK  
 1104 WBEE 92.5 NY Rochester

## AUGUST 5 Tropo

best Massachusetts TR in years!  
 0030 I/n, WFOG 92.9, WOLC 102.5 MD, coastal  
 NJ/MD/LI/CT/MA all in

0040 WQGN 105.5 CT Groton  
 0144 WNTX 96.3 MA Nantucket, over WQXR  
 0147 WRTC 89.3 CT Hartford, flea powered  
 0212 WCNI 91.1 CT New London  
 0215 unID 88.5 Spanish, aims east  
 0223 WPXC 102.9 MA Hyannis, Pixie Party Weekend  
 0225 WPRO 92.3 RI Providence, thru WXRK  
 0230 WKPE 104.7 MA Orleans, thru WSPK  
 0232 WVVE 102.3 CT Stonington  
 0240 WHMP 99.3 MA Northampton  
 0252 WJBR 99.5 DE Wilmington, over WBAI  
 0254 WFXR 93.5 MA Norwichport, Fox radio thru WRN  
 0301 WQRC 99.9 MA Barnstable

No Es noted after 7/8 and nothing between 6/1 and 6/26. I'd have to rate the season "lousy" because anything that occurs during the week and before 8PM when I get home from work "doesn't count". Very few weekend openings this year, and only 6 into FM noted all season.

## AROUND THE DIALS:

in Osceola, AR (Memphis area) KMPZ 98.1 has dropped CHR and gone to oldies, with new calls: KPYP. WGH 97.3 in Virginia Beach is now country, causing 105.3, which was only country very briefly, to switch to "hot a/c", WMXN, Mix 105.3. Rumour has it that WWHB 107.1 LI will become a full time simulcator of WNEW 102.7 New York. Watch here and FCC FM News to see if this story develops further...the 106.9 cp in the Milwaukee area is not on yet...WMIJ 105.7 Cleveland is now all oldies. News to two more easy listening stations that have switched to soft a/c format: WWMY 94.5 Eden, NC, and WANV 99.7 in Staunton, VA. WAIS 107.7 in Nelsonville, OH is on with satellite CHR. Thanks George Greene, Mark Strickert, and Bill Nienajadly.

## JOHN EBELING - 9209 VINCENT AVE SO - BLOOMINGTON, MINNESOTA 55431

## DX FROM BLOOMINGTON, MINN

## JULY 1990 DX

## 18 Tr and Es

0830 KIVA 105.5 IA Sheldon  
1839 WLJS 91.9 AL Jacksonville, 92-J  
1845 WRJA 88.1 SC Sumter, +T SCA  
1847 WZLM 97.3 AL Dadeville

## AUGUST 2 Es (erratic)

1853 KZZB 95.1 TX Beaumont  
1900 WJIS 88.1 FL Bradenton  
1923 KYKM 97.7 TX Winfield Kicker FM  
1931 KAPT 94.7 TX Luling/Austin  
1933 KOPY 92.1 TX Alice, LOPY Alice's own country stn.  
1935 WYJL 88.7 FL Ft. Myers, Way FM +X SCA  
1942 XHNOE 91.3 TA Nuevo Laredo  
1950 WQUE 93.3 LA New Orleans  
1954 unID 94.3 typical Mexican echo on Voice  
Spanish- XHJA ??

2000 KLUX 89.5 TX Robstown  
2008 WCKW 92.3 LA LaPlace

The Es opening of August 21 was a pleasant surprise. Was sitting watching the 10PM TV news (ch5 and noticed what appeared to be CCI. Turned on the FM and tuned a bit and heard about 4 French stations. Turned antenna NW, but was the wrong direction, so had to swing east. (Never could ID a couple of the French stations).

## MIKE CHERRY - BOX 631- GANGES, BRITISH COLUMBIA V0S 1E0

Equip: see August VUD. As of 8/16/90, Magnum Sleuth 150 pre amp, & = mobile locations in toyoata, (607) 537-5201

## JULY 1990

## 27 MS

2143 CKIC 107.3 AB, "in the latest Calgary rock wars competition..."

## 29 MS

0644 KBYU 89.1 UT Provo, "highs in the Wasatch near"

## AUGUST 1990

## 7 Tr (near Mt. Benson, Nanaimo, BC) all "&amp;"

1942 CBTO 98.1 BC // CBU 690, mono, KING nulled  
1958 CBYT 104.5 BC // CBU 690 and 98.1  
2000 QIFM4 xlr of CIFM 98.3, FM 98, non-ID  
news and a/c music

2021 KWIQ 100.3 WA, k (over local CKKQ Victoria!)

## 8 Tr (&amp; Comox, BC

0342 KXL 95.5 OR approx 340 miles, \$  
1459 KKCV 103.3 OR, KXL still in, \$  
1500 K237AW 95.3 WA, KWWW 96.7 legal ID  
1504 CJFW t 103.1 BC, k music, \$, or is this a  
central WA translator? see notes

1618 KKZX 98.9 WA, over KEZX Seattle, \$  
1630 KMBI 107.9 WA, g, religious pgm, \$  
1634 KISC 98.1 WA, p music, local ad o/CBTO  
1708 KXLY 99.9 WA, n, ads, b music o/Seattle  
1756 KKZX 98.9 WA mobile near Buckley Bay, BC

**AROUND THE DIALS-** In Bridgewater, Virginia (not Washington as in FM Atlas), WRD1 105.1 is on the air, as "DJ105" and oldies format...The following stations have been noted as being silent- 88.1 Milwaukee, 106.9 Brookfield, WI, and 96.5 Marsailles, IL...WAZR in Woodstock, Virginia has moved from 95.9 to 93.7 and IS MONO. Joining the increasing number of station's that have dropped easy listening for soft a/c vocals is WEZK 97.5 in Knoxville, Tenn. WXVO 98.7 Oliver Springs, Tenn is on the air, k\$. Also on is WYRV 107.7 over in Cedar Bluff, Virginia; it is also country but MONO. 103.3 in Indianapolis is now classic rock, and WAFX (I think)...in Tawas City, Michigan, WDBI has changed frequency from 101.7 to 107.3. I highly suspect this was due to interference from CKNX, which really gets out. Also 100.9 Olean is now WMXO, and "The Mix", and WWKS 106.7 Beaver Falls, PA (Pittsburgh) has gotten very "rock" oriented, kind of a classic hits I guess. Thank you Mark Strickert, and Matt Sittel for information.

## AUGUST 2 Es cont.

2017 K215BH 90.9 TX San Angelo, xlr of KGNZ Abilene

## 7 Tr

2200 KKCK 99.7 MN Marshall, ex 100.1

## 21 Tr and Es

1915 KKSJ 101.5 IA Eddyville, Kiss FM  
1928 WABK 104.3 ME Gardiner (wx)  
1929 CBF1 104.3 PA Trois Rivières, alternating w/WABK  
19312 CITE 107.3 PQ Montral  
1945 WKZS 99.9 ME Auburn  
1946 WEZF 92.9 VT Burlington, still muzak on SCA  
1950 WXGL 93.9 ME Lewiston  
2005 WMBR 88.1 MA Cambridge, s/off, only 360 watts

## 22 Tr

2300 KQEG 102.7 MN LaCrescent

Not much from Cabin location in Alborn, MN since  
last report on July 3rd

## AUGUST 26 Tr

2220 KNEN 94.7 NE Norfolk, (+X SCA), NorthEastNeb  
2248 KZEN 100.3 NE Central City, k

## GREGG CONIGLIO - 5100 GLENWOOD DR - WILLIAMSVILLE, NY 14221

## JULY 1990 DX

## 19 Es

1329 KAYD 97.5 TX Beaumont, k\$, KD-97 1221  
1338 unID 96.5 clock ticking, assume Houston as  
they were undergoing a format change  
1344 KAKU 101.9 TX Huntington, rp\$, KQ102 1180  
1402[KATG] 94.7 TX Luling, k\$, Country Cat,exKAPT  
1415 unID 95.5 Foxy 95 (not KAFX)  
1422 KXS 105.5 TX Harker Heights, r\$, Kicks 1381  
1420 most Dallas in very good  
1430[KCBI] 89.3 TX Dallas, g\$, EBS, ex: KNON 1243  
1437 KQXE 101.5 TX Brownwood, k\$, Cntry Class 1342  
1443 KIXY 94.7 TX San Angelo, top 40 1420

## 22 GW

1300 CJLX 91.9 ON Toronto, car race, a few watts? 59

## 28 GW

1600 WZOS 96.7 NY Oswego, rm\$, Z-96, new to air 109

## 29 Au

0010 WHFS 99.1 MD Annapolis, talking 293

## AUGUST 1990 DX

## 11 TrS - CING 107.9 off the air

WPHR-OH, WCRZ-MI, WDSY-PA, WRHP-NY, WFSI 1 MD  
0850 WCPZ 102.7 OH Sandusky, calls 231  
1135 WLTW 106.7 NY New York, Lite FM 287

## 12 MS

1344 KFUQ 99.1 MO Clayton, "Classic 99 KFUQ-FM"

## 13 MS

0010 KBUZ 99.1 KS El Dorado, K-Buzz 1008  
0016 WKKN 99.1 MS Pascagoula, "and in Pasc." 1028  
1302 KMAG 99.1 AR Fort Smith, "KMAG" (!) 860  
18 TrS (CHUM 104.5 off air)  
0025 WNBT 104.5 PA Wellsboro, r\$, B-104 114  
0026 WQKT 104.5 OH Sandusky, Q-Country 223  
0051 WEXX 99.3 PA So. Williamsport, top 40 148

## 19 Tr

1724 WATZ 99.3 MI Alpena, k\$, calls, others in  
up that way, including 90.5, 91.7, 92.5 273  
1728 WKPK 106.7 MI Gaylord, Peak 330  
2320 QITE1 102.7 PQ Sherbrooke, FF\$ 360  
2331 WLDR 101.9 MI Traverse City, Sunny 102, rm\$ 382

## 20 Tr

0022 WZPK 103.7 NH Berlin, 103.7 Peak FM,  
New England's Superstation 373  
0045 WKHQ 105.9 MI Charlevoix, 106-KHQ 360  
21 Tr  
2140 WIXX, WRVM, WDOR from N. Wisc  
2225 WIFC 95.5 WI Wausau, calls, ads  
2236 WLTQ 103.9 MI Harbor Springs, call, rk\$  
2357 WNMU 90.1 MI Marquette, calls 493

## 21 Es

2330 KCGM 95.7 MT Scobey, k\$, calls 1342  
2331 CBWVY 92.7 MB Jackhead, CBC Mono 1060  
2331 CBWVY 97.9 MB Brandon, CBC Mono 1113  
2335 KNOX 94.7 ND Grand Forks, Cool 94.7 990  
2336 CKSB7 93.5 ON Kenora, French MONO 880  
2337 WTBX 93.9 MN Hibbing, 94 WTBX, r\$ 755  
2337 KKKL 92.9 ND Grand Forks, XL93 o/WBUF 940  
2340 KMAV 105.5 ND Mayville, local ads 950  
2351 KGCH 93.1 MT Sidney, 93 Country 1276

## 22 Tr

0034 CJSD 94.3 ON Thunder Bay, 94FM, r\$ 622

Thank you Larry Fuss for IDing my unID of last month, KAMD 97.1, as Camden, Arkansas. The last few days of August and first few days of September was the best trop I have ever seen. Even more good stuff will come next month's report. WOKI was in so strong I had it in on the boombox! At some times things were up over 400 miles in every direction! I hope many of you got in on this opening! Also I would like to thank Bruce Hall, John Ebeling, and Mike Bugaj for responding to my question on FM amplifiers. More on that next time. I would also like to take this opportunity to recognize ALL the volunteers for their efforts.

## AUGUST 22 Tr

1156 KDAL 95.7 MN Duluth, legal, 96 Lite, 704  
NEW TROP RECORD

## 25 Tr

1851 WYTZ 94.7 IL Chicago, Z-95, r\$ 464  
1952 WNSN 101.5 IN South Bend, strong 393  
2012 WBNQ 101.5 IL Bloomington, Open House Pty 533  
2031 WKWZ 93.3 IL Peoria, KZ93 and top 40, 568  
2310 WILL 90.9 IL Urbana, j\$, legal ID 525

## 26 Tr

0000 WSSU 91.9 IL Springfield, legal ID 604  
0006 WHKO 99.1 OH Dayton, very strong 364  
0031 WKVJ 95.9 PA Sharpsville, Joy 96, mr\$ 151  
0044 WTMX 101.9 IL Skokie, The New Mix 102 421  
0046 WKQX 101.1 IL Chicago, Q-101 464  
0047 WCKG 105.9 IL Elmwood Par, classic rock 466  
0122 KFUO 99.1 MO Clayton, prev MS,

in for full quieting for awhile! 679  
0139 WFBQ 94.7 IN Indianapolis, rp\$, Q-95 441  
0150 WIL 92.3 MO St. Louis, k\$, over WJMO 441  
0156 KWMU 90.7 MO St. Louis, strong 664  
0206 WCFE 104.7 IL Morris, Super CFL, oldies\$ 488  
0221 WQX 100.9 MI Otsego, calls 352  
0235 KSHF 94.7 MO Crestwood, rp\$, prev Es 672  
0300 WVXU 91.7 OH Cincinnati, prev Au 411  
1149 WAMZ 97.5 KY Louisville, k\$, calls 490  
1200 WEPK 91.9 KY Louisville, ID 490  
1222 WBGJ 91.7 Danville, local ments 529

## 27 Tr (Toronto FMs off briefly)

0406 WTOF 98.1 OH Canton, g\$ 208  
0407 WMEF 97.3 IN Ft. Wayne, r\$, calls 351  
2200 WYTZ and WKQX Chicago in briefly 464  
28 TrS (Buffalo 92.9, 94.5, 99.5, 102.5 off-thunderstorm)  
2030 hillies were 3 new ones on 102.5, WUUU Rome, WRFY Reading, and WIOG Saginaw, and WGY 99.5 new  
29 Tr  
0800 WIBM 94.1 MI Jackson, o\$, over CBL 290  
Detroit very strong  
0759 WBCH 100.1 MI Hastings, k\$ 333

## 31 Tr

0750 WSNM 99.3 NY Potsdam, local refs 277  
SEPTEMBER 1990 DX  
2 TrS  
1855 WASH 97.1 DC Washington, ads 298

## 3 Tr

N. Wisconsin WIXX, WRVM in again  
1759 WHSB 107.7 MI Alpena, r\$ over local WEZQ 273  
1800 WDBI 107.3 MI Tawas City, new on air 253  
1955 (WMXO) 100.9 NY Olean, The Mix 62  
2000 WGSQ 94.7 TN Cookeville, k\$, The Country  
Giant, this was in for 30 hours! 595

2106 WZPK 103.7 NH Berlin, The Peak 373  
2220 WKXA 100.5 OH Findlay, r\$, calls 281  
2220 WOKI 100.3 TN Oak Ridge, i-100, strong! 537  
2257 WLAC 105.9 TN Nashville, calls, ID 640  
2300 WHBC 94.1 OH Canton, over CBL 208

## 4 Tr

0135 WTOF 98.1 OH Canton, over CHFI 208

more of my DX to continue next month

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

OCTOBER 1990

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

DEADLINE: 14th

MORE SUPER TROP RETURNS TO PIKES PEAK AREA IN LATE AUGUST

AUGUST 15 MARKS EVIDENT END OF FM SKIP SEASON

Jim Pizzi, 814 Brookhill Dr. Paso Robles, CA 92346 805-238/5271

7/11 Es  
1343 KNEB 94.7 NE Norfolk, calls  
1208 KQKQ 98.5 IA Council Bluffs, calls  
1357 KGOR 99.9 NE Omaha, calls  
1401 KLOZ 95.1 NE Lincoln, calls  
1409 KZEN 100.3 NE Central City

7/11 Es  
1426 WOV 94.1 NE Omaha  
1430 KSDZ 95.5 NE Gordon, calls, ID  
1436 KBLN 97.1 NE N. Platte, calls  
8/3 Es  
1147 CHFM 95.9 AB Calgary, calls

All quiet on the western front. 7/11 opening was very strong while it lasted. 73's.

Jeff Kruszka, 2824-E Steamship Circle, Harahan, LA 70123 (Note new address.)

7/7 Es  
1152 KMOR 92.9 NE Scottsbluff  
1202 KAMI 104.5 NE Cozad, 104 1/2 FM  
1208 KMKM 93.9 SD Rapid City  
1444 KAAQ 105.9 NE Alliance, KQ-106  
7/8 Es  
1413 WLTJ 92.9 PA Pittsburgh  
1416 WQIO 93.7 OH Mt. Vernon, Super-Q  
1543 WHJF 92.9 MI Cadillac

7/9 Es  
2133 KAAQ 105.9 NE KQ-106  
7/19 Es  
1923 KWYK 94.9 NM Aztec  
7/29 Es  
1725 KASE 100.7 TX Austin  
1734 KAPT 94.7 TX Luling, "KAT-the country cat"  
1745 KALP 92.7 TX Alpine  
1805 KITY 92.9 TX San Antonio

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt: McIntosh MR78, \$ Probe 9 at 30', RG6 coax  
7/29 Es  
1619 KBNR 88.3 TX Edinburg  
1620 KOIR 88.5 TX Edinburg, SS  
1625 KHAA 93.1 TA Reynosa, "XH-triple-A" SS  
1632 KZSP 95.3 ?? r, "Z-95"  
1646 KHQC 93.5 CL Saltillo  
1650 KITM 105.5 TX Mission, 2 spurs present on each side of center freq.  
1651 KVLY 107.9 TX Edinburg, "Y-108"  
1658 KSOX 101.7 TX Raymondville, ads, ID  
1701 XHMF 104.5 NL Monterrey, "Estereo Vida", ID  
1708 MUF 107.9 to Monterrey  
1709 KTXF 100.3 TX Brownsville, "FM-100, K-tex," k  
1720 KFLZ 107.1 TX Bishop, SS, ID  
1728 KCTM 103.1 TX Rio Grand City, SS, ID  
1730 KRQB 99.9 TX Robstown, ads, ID  
1738 KMYS 97.5 TX Kingsville, ID  
1744 XHQI 102.1 NL Monterrey, o/lcl WDRM  
1754 KBIC 102.3 TX Alice, ID  
1800 RENL 89.9 TX Laredo  
1907 XHVB 97.3 TAB Villahermos, ID  
1910 unID 95.0 ment. Tabasco "R. Mundo"  
8/2 Es  
1312 KRTN 94.3 NM Raton, area wx  
1850 KDHT 92.5 CO Greeley, ID  
1852 WYGO 98.5 CO Denver, k, ID  
1858 KKFM 96.5 CO Colorado Springs

8/2 Es  
1857 KRFX 103.5 CO Denver, "The Fox"  
1857 KRXY 107.5 CO Lakewood, "Y-108"  
1900 KGRQ 107.1 CO Pueblo, ID  
1902 KATM 100.7 CO Pueblo, "The Cat"  
1910 KIOL 93.9 CO Colorado Springs, "Kilo 94"  
1922 KLO7 93.5 ?? k  
1923 KALQ 93.5 CO Alamosa, "Q-93.5"  
1924 KH1H 94.7 CO Boulder, "K-High"  
1929 KUNC 91.5 CO Greeley, ID  
1930 KUWR 91.9 WY Laravel, ID  
1932 KKCS 101.9 CO Co. Springs, k, "KCS"  
1939 KSID 98.7 NE Sidney, ads  
1942 KFBE 97.9 WY Cheyenne, "Q-98"  
1946 KMOR 92.9 NE Scottsbluff, r, ID  
1949 KNEB 94.1 NE Scottsbluff, k  
2222 KTAQ 93.9 WY Riverton, "Big 94 FM"  
8/19 tr  
1155 WEZC 102.9 ?? mr, \$  
8/23 tr  
2300 WARD 106.3 MS Clarksdale, sr, ID 250  
8/24 tr  
2109 KSHE 94.7 MO Crestwood, rp, k-She 95  
2122 KEZK 102.5 MO St. Louis, ID  
2128 WTL 92.3 MO St. Louis, k, ID 360  
2148 KSTZ 105.7 MO St. Genevieve, "105.7 Kiss FM"  
2231 KWNR 95.7 MO Mexico, k, ID 425  
8/25 tr  
1845 WOOD 105.7 MI Grand Rapids, b, "You're listening to WOOD FM 105.7." In weak for 20 mins. No other tr heard except this at 580 mi.

Fred Laun, K22P, 5801 Huntland Rd., Temple Hills, MD 20748

Equipt.: Denon TU-800 tuner, Winegard antenna @35'

8/29 tr  
0845 WIKS 101.9 NC New Bern "Kiss 102"  
(Overriding Baltimore's WLIF, 40 mi. away.)  
0850 WZYC 103.3 NC Newport, "Z-103"

8/29 tr  
0856 WRDU 106.1 NC Wilson, "RDU"  
0900 WBOG 98.3 NC Murfreesboro  
0943 WKJX 96.7 NC Elizabeth City, "96X", CONT.

SOUTHERN FM DX

8/29 tr  
1000 WYLT 96.1 NC Raleigh  
1005 WFK 97.3 NC Wilmington  
1013 WTRG 100.7 NC Rocky Mount,  
"Oldies 100.7"  
1026 WDFW 96.9 NC Windsor, "96.9 FM"  
1035 WZST 102.7 VA Appomattox, "Star 102.7"

Laun, cont.

OCTOBER 1990

Doug Allen, w2crrs, P.O. Box 5646, Woodland Park, CO 80866

Equipt.: Pioneer TX 9800 (IF modified) & stacked Stereo Probe 9's at 25'  
-Stations under 400 miles not reported unless new or remarkable!

8/8 tr  
0730 KZGZ 107.3 NE Lincoln, ID 479  
(good tropo east 400 mi.+)  
0800 KHNE 89.1 NE Hastings, full Q, a reg. at 379 mi.  
0810 KCNT 88.1 NE Hastings, in noise  
Is this station still on?  
0812 Salina 89.5 & 93.7 full q at 410 mi.

8/15 tr  
2023 WJDR 98.3 MS Prentiss, ID  
2025 KWKH 94.5 LA Shreveport, ID  
2027 WSLI 96.3 MS Jackson, new calls?, "Mix 96"  
2035 WGGZ 98.1 LA Baton Rouge, "Z-98"  
2038 WTYJ 97.7 MS Fayette, ads  
2040 KBAU 94.3 LA Galliano, "Bayou 94"  
2044 WRBH 88.3 LA New Orleans  
-tropo over 400 mi. follows  
2045 KYEZ 93.7 KS Salina, ID, full Q at 410 mi.  
2107 KZKX 96.9 NE Seward, ID 500

8/9 trs  
2057 KYJE 92.3 CO Grand Junction, ID,  
EZL, "K-Jou"  
2100 KQIX 93.1 CO Grand Junction, ID, not as strong as 92.3  
2212 KLSK 104.1 NM Santa Fe, cl, in & out of noise

8/16 trs  
1920 KYSL 92.1 CO Frisco, ID, "all hit crystal 92", CO #100  
1926 KVLE 102.3 CO Gunnison, ID, k  
1943 K232AD 94.3 CO Roaring Fork, KQIX ID  
2117 KQJQ 97.3 KS Garden City, "Q097 FM", KBCO down from storm  
2120 KMTYT 97.3 NE Aurora, in noise & under KKKJ  
2122 KKSDT 97.3 NM Santa Fe, "  
2129 KMODT 97.5 OK Tulsa, surfacing occasion.  
2132 KDLY 97.5 WY Lander, almost full Q at 330 Fair

8/11  
(ms & trs home; gw from Pikes Peak)  
0345 KNEV 95.5 NV Reno, ms, ID  
1602 KRZA 88.7 CO Alamosa,  
ID, Toyota=peak  
1615 K232CH 94.3 CO Alamosa, rSPK trans=peak

8/17 ms  
0635 WAQE 97.7 WI Rice Lake, promo Bergan Co.  
8/18 ms  
1235 KOOL 94.5 AZ Phoenix, wx, 10 sec, from car  
8/19  
2046 K280CD 103.9 CO Dillon, o/u KSNQ, KSMT ID  
8/21 tr //89.1  
0505 KLINE 88.7 NE Lexington, NE Pub. Met.

1629 KANW 89.1 NM Albuquerque, ID =peak  
1635 KIDI 103.3 NM Albuquerque, ss =peak  
1648 KLYT 88.3 NM Albuquerque, "k-Lite=peak  
1800 K292AN 106.3 CO Buena Vista, KVRH =peak  
1830 K203AT 88.5 CO Westcliffe, kRC =peak  
2109 K292AN 106.3 CO Buena Vista, from home  
2118 KVH 92.1 CO Salida, my closest needed station!  
2124 KIDI 103.3 NM Albuquerque, full q one min., ss

8/26 tr  
0450 unID 98.1 ? cl peaking east, faded at hour; lots of stuff in noise; probably good opening east of here?  
0500 KZKX 96.9 NE Seward, noisy, only station I'ded 500  
8/29 great tropo  
0730 KJTY 88.1 KS Topeka, g 500  
0735 KZKX 96.9 NE Seward, ID "96 KICKS 500  
0736 KUDL 98.1 KS Topeka, ID 500  
0738 KRF 94.1 KS Kansas City, ads 565  
0740 KZEB 97.7 KS Rozelle, noisy & splatter  
IS this station on? se NE & ne KS stations pinning meter!

8/12 ms  
0430 KHAQ 93.7 CA Rosedale, "LHX update"  
0516 KRGW 93.7 AZ Tucson, "cranking out Tucson's freshest music", STATE #39  
0526 unID 96.9 ? "the new hot 97"  
0536 WJJC 98.1 MN St. Cloud, ID,  
"Stereo 98 is WJJC"  
0554 unID 95.5 "the eagle"  
0554 KMG 94.5 OR Eugene wx, "Magic 94 FM"  
0605 WXLR? 94.5 ? ID

0745 KTPK 106.9 KS Topeka, wx 500  
0750 KYSG? 105.9 KS Larned?, mention of downtown Hays & student bookstore, not KLZR, new station here instead of 106.9 ?  
0752 KYQQ 106.5 KS Arkansas City, ID, new call  
0755 KCFW 94.9 MO Kansas City, wx 565  
0800 KMBR 99.7 MO Kansas City,  
0801 KUTT 99.3 NE Fairbury, nx, wx to k  
0804 KBBE 96.7 KS McPherson, ID swap show  
0805 KRZZ 96.3 KS Derby, ID 420  
0806 KWSK 94.3 KS Winfield, Cowley Co. wx, "Class FM" 435  
0830 KLER? 99.3 MO Boonville, playing White Christmas!!!, "Christmas in August?...  
listen Friday, Jefferson City-Columbia..the

8/14 tr  
2130 Wichita, Arkansas City, Enid, OK in at 400+ miles.  
8/15 Es  
1830 KYKM 97.7 TX Winfield, ads, from car  
1832 WKSJ 94.9 AL Mobile, "95KJ" from car  
1834 WGN 96.9 FL Titusville, "color in Titusville 98.1 on Florida map"  
1835 WOKK 97.1 MS Meridian, "97 OKK"  
1955 WWSF 98.1 AL Andalusia, "the new 98 surf FM", from home  
2001 WLEF 89.1 AL Montgomery, ID  
2006 WBSA 96.9 AL Decatur, "beautiful 97 for north Alabama"  
2013 WMBZ 94.1 FL Pensacola, "easy WMBZ"  
2014 WOHT 95.5 MS Jackson, "Hot 95"  
2020 WBSJ 94.9 AL Mobile, "95 KSJ"  
2022 WFFF 96.7 MS Columbia, ads

0745 KTPK 106.9 KS Topeka, wx 500  
0750 KYSG? 105.9 KS Larned?, mention of downtown Hays & student bookstore, not KLZR, new station here instead of 106.9 ?  
0752 KYQQ 106.5 KS Arkansas City, ID, new call  
0755 KCFW 94.9 MO Kansas City, wx 565  
0800 KMBR 99.7 MO Kansas City,  
0801 KUTT 99.3 NE Fairbury, nx, wx to k  
0804 KBBE 96.7 KS McPherson, ID swap show  
0805 KRZZ 96.3 KS Derby, ID 420  
0806 KWSK 94.3 KS Winfield, Cowley Co. wx, "Class FM" 435  
0830 KLER? 99.3 MO Boonville, playing White Christmas!!!, "Christmas in August?...  
listen Friday, Jefferson City-Columbia..the

cont...

## SOUTHERN FM DX

8/29 tr

the answer will be clear" to white Xmas repeated over & over, no ID on hour 680  
0835 WMS 97.5 IL Champaign, wx, ID, 908  
BEST TROPO  
0842 KCAY 95.9 KS Russell, loc. events 940  
0843 KNZA 103.9 KS Hiawatha, ID 520  
0854 KRPS 89.9 KS Pittsburg, 4 state wx, ID  
0859 KCVS 104.9 KS Salina, g, with comm. ads no ID 410  
0903 KVGBt104.3 KS Great Bend, under KQKS  
0914 KRNY 102.3 NE Kearny, k 949  
0928 KMKF 101.7 KS Manhattan, ID, k#54 452

## Allen, cont.

8/29 tr

0930 KCLY 100.9 KS Clay Center, ID 445  
0923 WYMG 100.5 IL Jacksonville, ID, full Q, "home of central IL rock and roll" 804  
0930 unID 97.5 IL? k in noise, peaked east calls started with W---  
0933 KEFMT 96.1 NE Omaha, under nulled KSKI  
0933 KAWR 95.7 MO Mexico, k, "Country 96"  
University Chrysler ad, over nulled KSIY:692  
0950 KTRX 93.5 MO Tarkio, ads, to Brownfield Network 550  
1000 KLOZ 92.7 MO Eldon, ads, "Z-93", no 690 ID on hour

## OCTOBER 1990

Hated to leave home at 1000 August 29, but I was already late for work! With superb tr into IL and MO, it was worth being late for. Spent a lot of time trying to ID noisy k on 97.5 without luck. The high pressure over the area looked pretty much the same on the simplistic local media weather maps 8/26 thru the end of the month, but only 8/29 resulted in unusual tropo extending into the mountains here. My stacked Paralogs 9s had been a little out of line and were straightened early in the month which helped nulling ability. Factory authorized service says my Denon tuner is beyond repair, but obviously the IF modified TX-9800 is an adequate replacement. I've only put two 150 khz filters in it so far. I like the "off tuning" ability of the analog tuner, but miss the digital readout and programmable memory which made checking conditions a breeze. I've been given a Heathkit AR 1650 which lost its power amps. It's an excellent tuner unmodified but not quite as good as the modified TX 9800. It doesn't use the small 3-lead ceramic filters that we've all been experimenting with, and I'm at a loss for modifying it. Any ideas? My 8/11 trip up Pikes Peak was for a training run for the Pikes Peak marathon which I run every year, but I did a little DXing and that evening found I could get several of the new stations at home! I hope to take a good receiver and FM yagi up there sometime. Since the summit is 8 miles, as the raven flies from my house, I get to count those as new ones!! It would be fun to do a DXpedition with others up on the peak, if anyone's in the area and interested. Enjoyed the correspondence with Bell Mienajadly concerning the TX-9800 and with Topeka's Todd Bradenburg concerning DX. Todd got CO one morning when I called him up, and he's helped me with several unIDs such as my 106.1 unID (which turned out to be new station kMA-FM in Shenandoah, IA) and this month's Boonville, MO report. Es was a disappointment for me this season. The little bit that occurred after Memorial Day weekend seemed to find me in the car or otherwise preoccupied. The Perseids peaked here the early morning of the 12th, as usual. Hope and suspect some of you got in on the superb late August tropo for more than one day. 73.

## Matt Sittel, P. O. Box 21421, 501C Wood Hall, NCSU, Raleigh, NC 27607

Equip.: Yamaha TX-900U w/modified filters, Radio Shack 6-bay FM antenna, rabbit ears, Archer FM signal amplifier

## Kingsport, TN DX:

8/1 tr

0959 WKDB 91.3 NC Asheville, ID 74

8/2 tr

0759 WLJK 89.1 SC Aiken, ID 204

8/6 tr

1648 WTSH 107.1 GA Rockmart, ID 220

1706 WQSB 105.1 AL Albertville, area ment. 256

1712 WAPW 99.7 GA Atlanta, "Power 99" 216

1714 WTRG 100.7 NC Rocky Mount, o 267

8/7 tr

0850 WQSB 105.1 AL Albertville 256

0856 WAPW 99.7 GA Atlanta, "Power 99" 216

0922 WSKJ 106.5 TN Chattanooga, area ment. 186

2317 WZJS 100.7 NC Banner Elk, "Z100" 41

2319 WDEN 105.3 GA Macon, calls 257

2334 WTCR 103.3 WV Huntington, calls, k 142

8/12 tr

2201 WYLT 96.1 NC Raleigh, ID 219

2216 WYAV 104.1 SC Conway, area ad 265

MS

2227 WQUE 93.3 LA New Orleans, "Q93" 627

tr

2245 WPF 105.9 OH Middletown, k 238

8/13 tr

0816 WGNI 102.7 NC Wilmington, local ad 299

0840 WTCB 106.7 SC Orangeburg, "B 106" 224

CONT....

0901 WCIG 107.1 SC Mullins, s, "Hot 107" 240  
0906 WHP 98.3 NC Thomasville, calls 142  
1000 WKDB 91.3 NC Asheville, ID 74  
2137 WDEN 105.3 GA Macon, calls 257  
2149 WDEM 101.3 SC Sumter, "The Big DM" 212  
2153 WQMG 97.1 NC Greensboro, local ment. 152  
2155 WMXF 96.5 NC Laurinburg, ID 204

8/14 tr  
2001 WQDR 94.7 NC Raleigh, phone # ment. 219  
2004 WZKS 98.3 GA Jesup, new calls? 336  
-thanks to Greg Coniglio for ID'ing it!  
2015 WCAS 104.3 NC Tarboro, calls 270  
2259 WUOG 90.5 GA Athens, ID 175

8/15 tr  
0250 WLMZ 103.9 SC Easley, "Z 104", ID 110  
0254 WAEV 97.3 GA Savannah, calls 308  
0330 unID 97.3 "97 Country"-WRUL? Help! 224  
1055 WTCB 106.7 SC Orangeburg, ID 70  
1105 WZKO 106.3 KY Pineville, area ad 70

8/16 tr  
1013 WPUP 103.7 GA Royston, area ad 153  
1024 unID 102.1 "The New Magic 102"-Help!!! 268  
1030 WAHR 99.1 AL Huntsville, "Radio 99" 204  
1055 WLJK 89.1 SC Aiken 212  
1055 WRJA 88.1 SC Sumter 212  
1113 WEGE 102.5 TN Crossville, k 146  
1125 WQSB 105.1 AL Albertville, area ment. 256  
1127 WGF 104.5 TN Gallatin 220

## SOUTHERN FM DX

## Kingsport, TN DX(cont.):

8/16 tr  
1132 WZYP 104.3 AL Athens, "104 ZYP" 274  
1154 WLOD 99.1 TN Loudon, local ment. 113  
1155 WKDP 99.5 KY Corbin, "KD Country" 94  
1156 WDM 101.3 SC Sumter, local ment. 212  
1157 WDEN 105.3 GA Macon, "FM 105" 257  
1201 WBDX 102.7 GA Trenton, ID 199  
1208 WYAV 104.1 SC Conway, "Wave 104" 265  
1215 WHLZ 92.5 SC Manning, area ad 246  
1300 WRHM 107.1 SC Lancaster, ID 154  
2203 WRHM 107.1 SC Lancaster, local ads 154  
2257 WFXS 102.3 TN Soddy-Daisy, "Fox 102" 170

## Raleigh, NC DX:

8/19 tr  
0901 WANS 107.3 SC Anderson, calls 242  
2212 WCOS 97.9 SC Columbia, calls 179

8/20 tr  
0754 WDDH 101.3 SC Sumter, "Big DM 101FM" 155  
0824 WYAK 103.1 SC Surfside Beach 156  
0826 WHTK 99.7 SC Port Royal, calls 259

8/21 tr  
1105 WSSB 90.3 SC Orangeburg 201

8/22 tr  
0837 WSOC 103.7 NC Charlotte, area ment. 127  
0840 WPEG 97.9 NC Concord, traffic rpt. 108

8/24 tr  
1000 WXYC 89.3 NC Chapel Hill, ID 23  
1001 WYFI 99.7 VA Norfolk 156

8/26 tr  
0039 WKXS 92.7 SC Johnston, ph#, rp 222  
0058 WNSC 88.9 SC Rock Hill, net.-= 144  
0059 WTRZ 99.3 SC Wedgefield, ID 165  
0944 WTNJ 105.9 WV Mt. Hope, area ad 200

Jeff Wolf, 1131 University Blvd.W., apt. 701, Silver Spring, MD 20929

7/4 tr (EST)  
1546 WSRF 105.7 NC Columbia, Surf 106

7/8 Es  
1439 MUF 104.7  
1446 KQUS 97.5 AR Hot Springs  
US-97 Weatherscan, 1447 ID, k, US-97 FM  
1451 KZOUT 98.5 AR Little Rock, ment.  
Little Rock  
1500 KNIN 92.9 TX Wichita Falls,  
"Wichita Falls-Lawton"  
1505 KMYZ 104.5 OK Pryor,  
"Tulsa's ten in a row station"

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 CDT

Equip.: Pioneer TX-9100 modified IF, Stereo Probe 9 up 32" with rotor, AE-6 coax

9/14 gm  
1100 KTHL 94.1 OK Okmulgee-Tulsa, ID, \$, ex 94.3 Oh no, not again, but another small town near Tulsa has lost its FM station so it can go up in power and claim Tulsa. The new signal comes in much stronger here than the old one on 94.3.

Well, hopefully the fall tropo will come on strong and not just mainly show up during the wee hours of the morning.

## Sittel, cont.

8/27 tr

0827 WSSL 100.5 SC Gray Court 213  
0829 WCMS 100.5 VA Norfolk, calls, k 156  
0829 WOTR 100.1 SC Lake City, area ment. 146  
0830 WYPI 99.7 VA Norfolk, BBN mention 156

8/29 tr

0806 WRSP 105.7 NC Columbia, "Surf 106" 140  
0808 WRQR 94.3 NC Farmville, "Q 94" 67  
1039 WXRI 107.7 VA Windsor 132  
1044 WCXR 105.9 VA Woodbridge, "432-WCXR" 213  
1049 WVO 99.1 NC Manteo, "99-VOD" NC#100 171  
1052 WRHT 96.3 NC Morehead City, area ad 133  
1053 WPNC 95.9 NC Plymouth, "96 Country" 110  
1054 WUDE 101.3 VA Hampton, ID 157  
1057 WYJY 90.5 VA Fredericksburg, "90Joy" 187  
1107 WDCX 92.7 VA Mechanicsville 150  
1111 WKEX 94.1 VA Yorktown, calls, k 158  
1135 WXXB 100.1 NC Edenton, sg, new calls? 121

8/30 tr

0827 WMJR 107.7 VA Warrenton, calls 209  
0837 WJFK 106.7 VA Manassas, Howard Stern 217  
0838 WCXR 105.9 VA Woodbridge, calls 213  
0839 WKHV 105.5 VA Altavista, calls 98  
0841 WMSQ 104.9 NC Havelock, "Q 105" 120  
0842 WZST 102.7 VA Appomattox 109

8/30 tr

0844 WZY 100.9 NC Fairmont, "Rock 101" 96  
0850 WRQR 94.3 NC Farmville, local ment. 67  
0850 WCDX 92.7 VA Mechanicsville, s 150  
0857 WPVR 94.9 VA Roanoke, calls 124  
0859 WUAW 88.3 NC Erwin, new station, gw 33  
0859 WZBE 99.9 VA Rocky Mount, "B 99.9" 107

8/31 tr

0823 WXRI 107.7 VA Windsor 132  
0823 WMJR 107.7 VA Warrenton, local ad 209  
0824 WRQX 107.3 DC Washington, "Q107" 236  
0824 WJFK 106.7 VA Manassas 217  
0825 WCXR 105.9 VA Woodbridge, calls 213  
0826 WYAV 104.1 SC Conway, area ad 137  
0827 WMBK 103.7 VA Richmond, "B 103.7" 142  
0828 WOLC 102.5 MD Princess Anne, calls 238  
0829 WZBE 99.9 VA Rocky Mount, calls 107  
0831 WPVR 94.9 VA Roanoke, wx 124  
0832 WTUB 93.7 SC Georgetown, calls 171  
0832 WFLS 93.3 VA Fredericksburg 187  
0836 WAMU 88.5 DC Washington, wx 236  
0843 WGMS 103.5 DC Washington 236  
0847 WGAY 99.5 DC Washington, wx 236

1510 unID 101.9 or 102.1 k-Live 1C2  
1516 f/out 1520 MUF 102.1 mhz  
1548 92.1 or 3 "93-FM GLY"  
1549 KNIN strong  
1603 KQEZ 92.3 KS Newton, EZ-92  
"Newton-Wichita"  
1624 unID 92.7 baseball  
7/8 Es  
1644 KBEZ 92.9 OK Tulsa "92 FM KBEZ"  
1725 MUF ch. 4 1805, 2212 MUF 88.1

John M. Jefferson, 4104 Spyglass Court, Antioch, CA 94509-6051

Looks like the skip season has limped to a conclusion. Best 1-day season I've ever had, with 19 new loggings 5/28 & only 13 more for June & July combined (August is working on a shutout). There were several days with high MUF's which immediately fizzled out. Shouldn't complain too much, though: what I did get included some pretty good catches for distance. In all, as strange a season as '86, when 5/18 was a big day, the next opening worth catching was 7/22, & August was the big month!

As usual, underlined means new; @ means new to Antioch; dashed underline means new mode.

TIME CALLS	FREQ	ST	CITY	7/6/90 Es			
6/23/90	ES			0900 KRAV@	96.5	OK	Tulsa
1830 KEBC	94.7	OK	OKC	0902 KANZ	91.1	KS	Garden City
1858 KANZ	91.1	KS	Garden City	0905 KCEV	88.3	KS	Wichita
6/24/90	ES			0909 KOSU	91.7	OK	Stillwater
1807 KLNE	88.7	NE	Lexington	0923 KWEN	95.5	OK	Tulsa
1813 KHNE	89.1	NE	Hastings	0924 KNID	96.9	OK	Enid
1820 KZMC@	105.3	NE	McCook	0931 KXLS	99.7	OK	Alva
1821 KQKY	105.9	NE	Kearney	0939 KFXX?	106.7	KS	Hugoton
1830 KQKS@	104.3	CO	Longmont	7/8/90	ES		
1832 KSYZ@	107.7	NE	Grand Island	1658 KESD	88.3	SD	Brookings
1839 KTCL	93.3	CO	Ft Collins	1659 KTSJ	91.1	SD	Reliance
6/28/90	ES			1732 KTSJN	91.1	MN	St. Paul
1902 KTSD	91.1	SD	Reliance	7/9/90	ES		
1903 KRWS?	91.7	MN	Worthington	2213 KELI	98.7	TX	San Angelo
1914 KTWB	101.9	SD	Sioux Falls	2220 KIXY	94.7	"	"
1915 KMIT	105.9	SD	Mitchell	7/11/90	ES		
1916 KQRN	107.3	"	"	1359 KCUR@	89.3	MO	KC
1932 WCAL	89.3	MN	Northfield	1402 KQNS@	95.9	KS	Lindsborg
1936 KISD@	98.7	MN	Pipestone	1402 KCAY@	95.9	KS	Russell
1954 KKLS	104.7	SD	Sioux Falls	1403 KHAZ	99.5	KS	Hays
2004 KESD	88.3	SD	Brookings	1405 KSOE	91.1	KS	Wichita
2008 KMIT	105.9	SD	Mitchell	1407 KHCD	89.5	KS	Salina
7/1/90	ES			1411 KGLS@	93.1	KS	Pratt
2028 KELI	98.7	TX	San Angelo	1416 KRBB	97.9	KS	Wichita
7/4/90	MS			1420 KZMC	105.3	NE	McCook
0111 KFAS	105.5	AZ	Casa Grande	1424 KQKS?	104.3	CO	Longmont
				1426 KRKS	102.9	KS	Hutchinson
1051 KEBC	94.7	OK	OKC	1433 KYQ@	106.5	KS	Arkansas City
1059 KOSU	91.7	OK	Stillwater	1440 KEAN@	105.1	TX	Abilene
1101 KNYD	90.5	OK	Broken Arrow	1507 KXKL@	105.1	CO	Denver
7/5/90	ES			1508 KJFK	105.1	OK	Perry
1914 KNOX@	94.7	ND	Grand Forks	1509 KXKL	105.1	CO	Denver
1917 KYCK?	97.1	MN	Crookston	7/12/90	ES		
1920 CKIS	97.5	MB	Winnipeg	1719 KGRD	105.3	NE	Orchard
1923 CBW?	98.3	"	"	1727 KXNE	89.3	NE	Norfolk
1924 KQWB@	98.7	MN	Moorhead	1728 KTSJ	91.1	SD	Reliance
1926 KZZY@	103.5	ND	Devils Lake	1738 KPLO@	94.5	SD	"
1959 CBYG@	91.5	BC	Prince George	1739 KKKK	93.9	SD	Rapid City
2002 CKIS	97.5	MB	Winnipeg	7/18/90	ES		
2154 KCGH?	95.7	MT	Scobey	1918 KCHX	106.7	TX	Midland
7/6/90	ES			1920 KBAT	93.3	"	"
0745 KML	98.7	TX	Amarillo	1925 KIXY	94.7	"	San Angelo
0800 KZEN@	100.3	NE	Central City	7/19/90	ES		
0804 KUNC@	91.5	CO	Greeley	1910 KZNA	90.5	KS	Hill City
0815 KTLS	93.3	CO	Ada	1931 KCFM	96.5	CO	Colorado Spr.
0818 KLTE?	101.9	OK	OKC	1934 KNIC	105.7	CO	Lamar
0819 KREK	104.9	OK	Bristow	1940 KFXX	106.7	KS	Hugoton
0820 KICH	105.7	OK	Healdton	1943 KCCY	97.9	CO	Pueblo
0825 KWDQ	102.3	OK	Woodward	7/20/90	ES		
0830 KRXO	107.7	OK	OKC	1859 CKSB@	99.5	MB	Brandon
0833 KRPT	103.7	OK	Anadarko	1905 CBWV	97.9	"	"
0834 KQMJ	99.5	OK	Henryetta	7/22/90	ES		
0840 KSCB@	107.5	KS	Liberal	0948 KNFM	92.3	TX	Midland
0853 KRXO	107.7	OK	OKC	7/27/90	MS		
				0243 KIN@	105.5	NM	Alamogordo

continued on p. 9

# EASTERN TV-DX

Bill Nienadjly  
PO BOX 2999  
Clifton NJ 07015-2999  
201-478-3044

October 1990 Cutoff 7-1-90 Deadline Nov 5 1990

The big news is Tropo... And to say it was good is a understatement! Uncommon paths inland over mountains has been common. During one recent opening (which will likely be covered in future VUD DX columns) had a FM Dxr from NJ logging SC on tropo while a CT Dxr is receiving K.Y... and while all this is going on a strong Toronto opening was in progress to NJ DXERS both on TV and FM, at this same time DX-ers from the Buffalo area were logging deep into Tenn!

In this issue: Seybold logs Ch 14 from D.K....Fela logs 453 miles to NC....Falconer 575 mi to MO.....Combs 452 mi to MS.....Coniglio logs 691 mi to MO and even over the mountains into Tenn at 595 miles...Your ETVDX editor even got in on this with 380 miles to Ohio.

Before I get to the reports, I just must mention that what I've heard speaking to other DXers about what they received... is most astounding, OK here is a sneak preview for next month..... How about K.Y. on UHF to the East Coast? Yes it happened! It has been a good year.

Jeff Falconer Box 63 Clinton Ontario N0M 1L0  
Equip; Icom R7000, 25 el LP at 25', rotor.

June 1990							
10 Es	1331 KNOP	2 NE	993	4 Tr	0100 WPTA	21 IN	256
15 Tr	2350 WOAC	67 OH	186		0101 WTTE	28 OH	249
	2355 WGGN	52 OH	166		0106 WSFJ	51 OH	257
	2355 W6BBV	MI	118		0107 WANE	15 IN	256
16 Tr	0006 WTAP	15 WV	293		0117 WXMI	17 MI	214
	0020 WSFJ	51 OH	257		0129 WTVO	17 IL	399
	0046 WHIZ	18 OH	255		0129 WCGW	24 WI	324
	0050 W4T??	OH			0341 WBNS	10 OH	263
				6 ES	2200 WTWO	2 WY	1248
					0308 WXMI	17 MI	214
					0322 WTTE	28 OH	249
					0341 WBNS	10 OH	263
					0434 WHAS	11 KY	427
17 Tr	0030 Ft Wayne/So Bend UHF's				0500 WHME	46 IN	275
26 ES	1858 WPBT	2 FL	1218		0500 WDSU	6 LA	1050
	2100 WDSU	6 LA	1050	ES	1547 WDSU	6 LA	1050
27 ES	1728 WEDU	3 FL	1087		1809 WESH	2 FL	1011
	1730 WPBT	2 FL	1218		2304 KSNC	2 KS	966
30 ES	1339 UNID-SS (what channel?-BN)				2305 KSNW	3 KS	928
	1400 WEDU	3 FL	1087		// KSNC		
	1557 WPBT	2 FL	1218		2306 KLBY	4 KS	1068
					2314 KJRH	2 OK	914
July 1990					1900(KKTO)	2 NM	1428
1 ES	1216 KJRH	2 OK	914		Last logged as KNWZ		
4 Tr	0050 WTV	18 WI	324		18 ES	1549 MUF	2
	0052 WDJT	58 WI	324		19 ES	1130 MUF	2
	0053 WOAC	67 OH	186		1459 KENS	5 TX	1353
	0058 WPTD	16 OH	186				

(I screwed this up Hi! Sorry Jeff ! That's what happens when the editor answers phone calls and breaks concentration when typing this up...Hi! Here's what I left out on the above... July 27 Tr 0028 WPTA 21 IN 256 0030 WJG 33 IN 256 0031 WFA 39 IN 256 August 4 ES 1200 MUF CH 2 Aug 10 1708 WBRZ 2 LA 1060 1913 WLB 3 MS 495 25 TR KJRH-18-1A- 479- Sorry about that.....S--- Happens! Hi!-BN)

Bob Seybold 10567 Bennett Road Dunkirk NY  
There has been some good tropo lately, especially Aug 25-26 when there was a super opening.  
August 15-23... A little e-skip in this period mostly into the Dakotas-nothing super. some tropo in this period mostly late evening and early morning- mostly low level signals- Some seen were : Scaranton 16-22-38-44... Wilkes Barre 28: WLYH 15: Philly 57: Hershey 33, York 43: Washington 20: Montreal 35: Hull 30: Ottawa 24: other Ontario U's on 15-18-40-32-33-34-55-42-44-45: 20 (Warton) also Cadillac 9: Sault Ste Marie 10: Owen Sound 12, Sundury 5 , Traverse City 7, A number of openings to the north only..other directions poor or none.

(See next page for the rest of Bob's report-BN)

Bob Seybold continued

August 25 -troops-noted band opening in morning slightly, - then gaining strength in the afternoon (Chicago U's) and reaching super status in evening-going all night into the morning with super signals much in the 300-1000 mile range, stations seen: Oklahoma 14: WPTO 14 : Evanville 14. Champaign 14 (low power), Ft Wayne U's: So Bend U's(strong) Elkhart 28: WICD 15: WTAP 15: Louisville 15: Joplin 16: Kettering 16: WQEX 16: WJUR 16 (quincy ILL: Decatur 17 super over local 17); also Decatur 23: Marion, Ind 23: Missouri 23: St Louis 24: Michigan City 24: Peroria 19-25-31 & 47: WEYI 25: WICS 20: Indianapolis 20-40-59: Bloomington --Ind 42 & 63: Chicago 20-26-32-38-44-50 & 60: Joliet 666: WYIN 56 (Gary Ind); WLF1 18; Kokomo 29 Columbus --28-34-10: WLEX 18: also 27 & 36 Lexington: Marion 111 27: WBGU 27: Kansas City 41 & 50: Omaha 42: Springfield, MD 33: KDNL 30 (in for many others) Louisville 32 & 41: WMMI 17: WBNB 21: Dayton 22 & 45: Cincinnati 48 & 64 : WJHQ 41 Owenston: Kent 52; Newark 51: Chareleston, 111-51 (new) ; St Louis 46(new) "WMT-57": --58 ST Louis (Juke Box music) ; Indianapolis 47 (same) both new: Springfield Ohio 26: Chiccolotte, Ohio 53: Mt Clemens 38, Terre Haute 38: Muncie, Ind 49: Richmond Ind 43: and several UNIDS V's low and high band loaded evening- Kentucky U's, and Tennessee 39: Rockford 39 in also plus some left from earlier in the day .

August 26 AM-Lexington 27 & 36: Cincinnati 48, Dayton 4's, Columbus, Springfield, Ohio, Kettering, Ohio: Louisville 15 & 32- Elmira U's, Scranton 22.....thats all for now, expect trops to continue. 73, Bob

Robert Ross Box 4373 Stn C. London Ontario N5W 5J2

July 1990		August 1990	
21 Tr 0210 CIII27 27 ON		12 Tr 0230 CBC 30 ON-??	27 tr 0300 WBNS 10 OH
22 Tr 1054 WQHS 61 ON		End of movie. CBC-TV ID Lists	0340 WHIO 7 OH
HSC-ID + phone #		of CBC stations on screen.National	Test patrm & ID
		anthem s/off 0235...//to 40/45	

Equipment-Toshiba portable, FM Beam for VHF, flyin arrow for UHF

Tom Bryant 849 Todd Preis Dr Nashville TN 37221 CDT

August 1990	
7 ES 0959 KBME 3 ND 1022	10 ES 2059 KFOX 3 TX 675 Note: Ugh! Regards Tom

Joseph Fela -150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor.

August 1990		30 Tr 0117 WNUV 54 MD 146		1 Tr 0539 WUNK 25 NC 378	
		0129 WRLH 35 VA 264		NCPT over color bars	
29 Tr 2200 WTKK 66 VA 206		Uses Fox 35 logo		0540 WUNP 36 NC 334	
2356 WFPT 62 MD 178		MPT net ID		Same color bars but	
				call/location super-	
30 Tr 0006 "WEXP"27 NJ 20				imposed at times at	
(see note #1)				bottom of screen	
0013 WTWS 26 CT 132		1 Tr 0045 W46-- 46 PA 56		0655 W27AJ 27 DE 113	
0025 WHMM 32 DC 180		(See Note #2) (t-WGBS-57)		Dover, DE (t-WMDT-47)	
0048 W54AY 54 NY		0101 WENY 36 NY 162		0656 WMDT 47 MD	
Brownsville, N.Y.		0103 WFTY 50 DC 180		(thru local WNUJ)	
// to W44AI		0536 WKFT 40 NC 453		2200 WCNY 24 NY 189	

Note #1. This is a test of HDTV by Stevens Institute in Hoboken, N.J. Very low signal strength indicates extremely low power. Programming consisted of a tape of a graduation at Stevens with a message scrolled at the bottom of the screen giving calls as WEXP-TV-27 and WEXP-TV-28 (not seen) and experimental license 8B1007KQ. Blonder Broadcasting given as licensee (and Mr. Tongue is listed as a consultant). Note #2. I thought this was some sort of spur until I was informed it is a translator, located in Allentown, on the WFMZ tower.

After 17 years of inactivity on UHF, I'm back thanks to the local cable company who dropped the last Philadelphia signal earlier this year (I think it might be time to drop the cable company....). I decided to put up a serious UHF antenna/amp and although I do get various degrees of overloading, I plan to leave it as most of the problems sign-off at or within an hour of Midnight and do not have early sign-ons. With this system there is almost constant scatter from Scranton 16-22-28-38, Binghamton 34-40-46, Elmira-36, and Syracuse-24. Wish I had this system up during the July 3-4 super trops. 73's Joe

William R. Hepburn - 1211-1547 Mississauga Vly - Mississauga, ON L5A 3X8 (EDT)

Equipment: JVC HR-D630U VCR  
12th floor balcony VHF dipoles / indoor 4-bay UHF

July 1990		August 1990	
18 ES 2052 MUF-4		28 Tr 0558 WTJC 26 OH 340	9 Tr 0613 WUPW 36 OH 260 #
20 ES 2050 MUF-88.9		0601 unID 22 w/MuchMusic	0715 W43 43 ? #
26 Tr 0149 W32 32 ? unID		(Jukebox Network)	(HNMO-24)
		2 ES 2056 MUF-4	10 ES 1758 WEAR 3 (AL) 1000
		4 ES 1303 MUF-4	1802 MUF-4
27 ES 1515 WPBT 2 FL 1220			
		1616 MUF-4	

Comments: Yet another Jukeboxer..this one on 32--ID had a list of 6 LPTVs/xltrs--Possibly from the SE. ES overall rather slow in July. TroPo on a slide as well. 5 stations noted so far w/SAP Prngs.,WKBN-7 WKXI-21 WVIZ-25 WNEO-45 & WFYF-50.  
CU....Bill

John F. Combs (N4SPS), 1308 Willow Branch #24, Jacksonville FL 32205 (904) 389-2451

AUGUST 1990  
[2 Es 2009] unID-2 PBS to NW probably KUSD, but too much TrS on channel  
[5 Gw 0715] W3BAJ Jacksonville FL w/VJN //W10AX..a lousy way to log UHF #200, but they soon bit the dust (see details below)  
[Tr 1515] Wilmington U's (334)  
[2143] Columbus U's  
[2257+] WJPM-33 SC, WKFT-40 NC (392), WGNT-27 VA (540) + weak NC/SC tentatives.  
[6 Tr 0630-0700] Most SC U's, Raleigh U's (408-413), Charlotte/Concord U's (342-346), Fayetteville U's, WGHP-8 NC (394) w/"Good Morning, Piedmont," WFMY-2 NC (398) w/it's own "Good Morning Show," WNRW-45 NC (425), WGGT-48 Greensboro NC (398) for my first logging on ch. 48, WXXI-51 Greensboro NC (414) awfully weak, but there! Hated to go to work at 0700, but it pays for DX equipment, hi...  
[1515] Wilmington U's  
[2000] WTCE-21 Ft. Pierce FL w/regular TBN pgmg now--note corrected calls from last report; also Columbia U's  
[10 Es 1215-1230] KSNB-2, KSNW-3 KS noted during lunch break  
[13 Tr 2245] Columbia U's  
[14 Tr 2245] Columbia U's  
[15 Es 1200+] CBFT-2 PQ in beautiful color; MUF at least ch. 5 at times  
[17 Tr 0850-0945] Macon, Columbus, Atlanta all great; WSST-55 Cordele GA (2nd time ever logging this "glorified LPTV"); WNGM-34 GA; Panama City, Fort Walton Beach terrific (WPAN-53 solid until ID time, of course...); WHLT-22 MS (452) in with no sign of Biloxi, Meridian, etc.; Birmingham U's (370-372), WCFT-33 AL (392) nice solid color ID, taped; also WWSW-66 AL and some Mobile/Pensacola U's  
[18 Tr 0145] West Palm Beach U's  
[21 Tr 0855+] weak SC U's

Two very nice tropo openings highlighted an otherwise dull August. Very strange stuff--- I shouldn't be seeing Greensboro, Hattiesburg, or Tuscaloosa in the middle of August! Maybe an omen of a good fall tropo season, at least I certainly hope so!

The strange saga of W3BAJ: the thing came on running //W10AX, relaying its IDs. A couple of days later, both stns running dual 10/38 IDs. Next evening, heavy WCY-10 CCI on W10AX also noted on 38, indicating off-air pickup. W3BAJ went dark shortly thereafter and hasn't been seen since! (I hope they are dead rather than merely ill as 38 is a prime DX channel here!) I can't fathom why VJN needs 2 affiliates in the same market, except that 38 seemed destined to serve the southside of Jax, where W10AX signal is worst (not that it's very good anywhere...)

I've been trying to find some nearby spots for camping DXpeditions that would fall within the 50-mile equilateral triangle rule for using a common log. I had already settled on Gold Head Branch State Park (near Keystone Heights) as a potential summer Es spot to distance myself from WJXT-4. Two prime Atlantic coastal spots, Ft. Clinch (at extreme northeast corner of the state) and Little Talbot Island (a bit farther south, near Mayport Naval Station) would fall outside such a triangle if both Gold Head and my home QTH are to be included. However, Anastasia State Park (near St. Augustine Beach) just barely makes it and would still be a good spot for hunting Atlantic tropo farther than Portsmouth VA, which has always seemed to be the site of a wall beyond which no DX is possible from FL!! Roy Barstow does it from the other end; if I can get right on the coast during such an opening, I stand a better chance.

Only 3 more newies will enable me to hit the magic 400 mark! (As long as it's not 3 more local LPTVs!!!) 73, JOHN.

Matt Sittel PO Box 21421 501C Wood Hall, NCSU Raleigh NC 27607 919-546-9370

June 1990

30 ES 1211 TV 6 3 CUBA	8 ES 1648 KAMR 4 TX 1083	18 ES 2002 KOTA 3 SD 1209
1230 WPBT 2 FL 735	2058 KFOR 4 OK 839	2020 KPLO 6 SD 1038
2029 KENW 3 NM 1210	2059 KCET 3 OK 794	19 ES 1657 KGBT 4 TX 1146
July 1990	2137 KDLO 3 SD 982	20 ES 2059 KXJB 4 ND 1065
1 ES 1159 KDLH 3 MN 868	2138 KXJB 4 ND 1065	21 ES 1935 MUF 2
3 ES 2058 WFSB 3 CT 634	2232 CBWFT7 2 ON 1098	2128 UNIDs 2 & 4
4 ES 0959 KSWK 3 KS 1039	2259 KDLH 3 MN 868	22 ES 1138 UNIDs 2 & 4
1008 KCNC 4 CO 1259	9 ES 2159 KENW 3 NM 1210	28 ES 1059 WPBT 2 FL 735
1029 KLBY 4 KS 1044	11 ES 1729 KSWK 3 KS 1039	1102 TV6 3 CUBA
6 ES 1859 KAMR 4 TX 1083	1743 KCNC 4 CO 1252	31 ES 1558 KIII 3 TX 1069
KACV 2 TX 1116	1829 KLNE 3 NE 955	1559 KMID 2 TX 1165
2152 WCCO 4 MN 813	1840 KDUH 4 NE 1172	1657 KATC 3 LA 721
2159 KFDX 3 TX 922	1959 CHSJ 4 NB 1048	1700 KGBT 4 TX 1146
2325 KIII 3 TX 1069	2129 KPRY 4 SD 1062	1716 KRIS 6 TX 1065
2327 KJAC 4 TX 791	15 ES 1130 UNIDs 2 and 4	1729 KBTX 3 TX 877
2359 KPRC 2 TX 888	17 ES 2059 KUSD 2 SD 929	1731 KPRC 2 TX 888
7 ES 1005 KIII 3 TX 1069	2159 KMTV 3 NE 800	1747 KJAC 4 TX 791
1138 KACB 3 TX 1077	18 ES 1800 KIII 3 TX 1069	1800 KTBS 3 LA 700
1159 KENW 3 NM 1210	1859 KFDX 3 TX 922	1810 KACB 3 TX 1077
1233 KGBT 4 TX 1146	1915 KGBT 4 TX 1146	1826 KDFW 4 TX 864
1328 KBTX 3 TX 877	1928 KGAN 2 IA 643	August 1990
1459 KLBY 4 KS 1044	KIMT 3 IA 650	7 Tr 2328 WVVA 6 WV 90
8 ES 1516 KTAL 6(LA) 697	KDLO 3 SD 982	ES 2345 KGFE 2 ND 1126
1541 WCCO 4 MN 813	1947 KTVS 3 CO 1142	2346 KBME 3 ND 1172
1546 KDFW 4 TX 864	1953 KPRY 4 SD 1062	
1559 KLNE 3 NE 955	1958 KUSD 2 SD 929	

In addition to the above, UNID Es was seen into early August 8th, As well as on the 12th & 15th of August. Not much E-skip seen in August: I was hoping for at least one big opening. No big tropes noted in Raleigh yet. 73s Matt.

Jeff Wolf 1131 University Blvd W, Apt 701 Silver Spring MD 20902

July 1990

25 Tr 0720+WYED 17 NC 248	4 ES 1134 KJRH 2 OK 1031	12 Tr 1033 WYED 17+WKFT 40
WKFT 40 NC 265	1137 CUBA 2 t	1500-2320 WYED-17
28 ES 1840 CUBA 3 t	1145 NBC 3 t	16 Tr 0755 WUND 2 NC t
1900+MUF 3	1200 KOET 3 OK	17 Tr 0659 cci-16, WYED-17
2241 MUF 2	1228 ABC 3	18 Tr 0701 NC16-22-28-40
29 ES 0827 MUF 2	1230 WBRZ 2 LA 950	WYED 17 NC 248
1642+MUF 2	2212+MUF 2	W34AX NC 202
30 Tr 1922 WNEO 45 OH t	6 ES 1915 CUBA 2 t	0753 UNID 23 + or -
August 1990	7 ES 2105+MUF 2	0759 WPDE 15 SC 349
2 ES 2130 NBC 3	2336 NBC 2-	0948 WTVD 11 NC 246
2158 KDTN 2 TX 1164	2350 MUF 3	19 Es 2228 WPBT 2 FL 900
4 Tr 0248 WPTF 28 NC 251	8 ES 0125 MUF 3	CUBA 3 t
0703 WPDE 15 SC 349	0146 fade outs	2234 CUBA 2 t
WKFT 40 NC 265	10 ES 1845 KJRH 2 OK 1031	20 ES?2055 CCI 2
0704 WYED 17 NC 248	1858 KFDX 3 TX 1225	Tr 2300 WQEX 16 PA
WRDG 16 NC 251	1919 WBRZ 2 LA t	
0711 WBRA 15 VA t	2037 MUF 3	

Rich Shaftan 39 Old Middletown Rd Rockaway NJ 07886

July 1990

2 Tr 2104 UNID 29 cci-Albany	8 ES 1727 KLNE 3 NE	15 ES 2230 KOET 3 OK
4 Tr 0643 UNID 19 w/religion	2212 <del>Hawt</del> 5-0 on ch 3	18 ES 1859 WLBT 3 MS
0715 UNID 23 -Altoona?	ES 2259 KLNE 3 NE	1938 UNID 3 ??
(maybe Akron-BN)	2329 ch 31 & 21cci	interview w/John Cloud
6 ES 2010 KMTV 3 NE	maybe Rochester NY	Dept. of state.
2100 KYTV 3 MO	12 ES 2156 WPBT 2 FL over WCB	2000 KOET 3 OK
KARD 3 KS	14 ES 2334 KDLH 3 MN	19 Tr 0906 WNAAC 64 RI
8 Tr 0938 WBOC 16 MD-s/f	2334 UNID 2 Thunder Bay	21 Tr 2048 UNID 23-Albany?
ES 1700 WBRC 6 MS	15 Tr 1003 UNID 36 w/religion-Elmira?	28 Tr 1531 WDCF 28 MA??
		(I have no idea-BN)

See next page for the rest of Rich's report

Rich Shaftan continued

August 1990

7 ES 0913 MUF 3 5 Tr 0118 WMLP 22 MA -s/f 5 Tr 0130 Heavy cci 2,4,5,6

Jim Renfrew 61 Wilcox St Rochester NY 14607-3832

May 1990

30 ES 2310 MUF 90.9 FL	10 ES 1434 WESH 2 FL 852	3 ES 2311 WCB2 2 SC 642
31 ES 2300 WEAR 3 FL 890	20 ES 0926 KBTX 3 TX 1160	2316 UNID 3 temperature
June 1990	0928 UNID 3 w/Art Jones	for Raleigh -WVAY?
1 GW 1700 W4OAG NY 1	0930 KTIV 4 IA 837	4 LS 2310 CKVR 3 ON 129
ES 1815 WPBT 2 FL 1047	25 ES 2000 MUF 3	2315 CIII 2 ON 117
2 ES 1230 KFVR 5 ND 1016	26 Tr 0014 WJNY 7 NY 115	5 ES 2200 KUSD 2 SD 858
1245 UNID 3 CBC french	28 ES 0900 WBRZ 2 LA 1008	6 ES 0830 WBRZ 2 LA 1008
show "Le Vagabond" not Quebec	0905 WLBT 3 MS 879	1945 KQTV 2 MO 786
3 ES 1300 KTBS 3 LA 995	1012 WREG 3 TN 758	2015 WBRZ 2 LA 1008
2100 KJRH 2 OK 956	1014 KARK 4 AR 858	
8 ES 1745 UNID 2 Donahue	1025 WMC 5 TN 758	
9 ES 1200 UNID 2 Lassie follows	1032 KTVI 2 MO 645	
NBC Saturday cartoons	1230 KTCB 2 MN 683	
10 ES 1200 KGFE 2 ND 891	Tr 1945 WKTV 2 NY 120	
1405 KNOP 2 NE 1052		

W4OAG Channel America now on the air, though this station does not appear on network ID list on the hour-not as strong as LPTV 15 & 38 on Pinnacle Hill, xmtr maybe elsewhere.

Equipment: GE color Tv, rabbit ears. 15 states now received, total of 55 stations. My wife has agreed to let me buy a TV antenna. Since I can't afford a tower, and my chimney is used for wood stove exhaust, I may set it up in the attic for the time being. At the moment I have no UHF capability, so anything will be an improvement, although I am sure to suffer image problems from the VHF/UHF/LPTV transmitter hill within the sight of my front door.

\*\*\*\*\* (Here is a Second report from Jim after I typed up the 1st one-BN) \*\*\*\*\*

July 1990

19 ES 1500 KPRC 2 TX	August 1990	11 Tr 2225 CBLFT 44 ON 78
26 Tr 0900 CBLT 5 ON 105	11 Tr 2100 WFYF 50 NY 100	2320 CICO 18 ON 78
27 ES 1550 UNID 2 Cousteau prg.	2200 WNPE 16 NY 100	16 Tr 0900 CIII 2 ON 117
UNID 3 Sesame Street	WNPT 18 NY 150	
1620 UNID 2 Highway to Heaven	2208 CIII 41 ON//CIII-27	
	where is this? (dunno-BN)	

65 stations logged, 41 verified. W38W is still running 24 hr test pattern. W4OAG (Channel America) does not yet show Rochester on hourly list. 40's signal is much poorer than 38 as I have observed it on other TV's around the city.

Greg Coniglio 5100 Glenwood drive Williamsville NY 14221

July 1990

20 ES 2000 KBTX 3 TX 1282	15 ES 2130 MUF 2	28 Tr Detroit s/f at 0830
2030 KOET 3 OK 1046	17 Tr 2300 Detroit strong, Toledo	0818 WLLA 64 MI 345
22 Tr 0929 WCFE 57 NY 285	Sw.Ontario Ft Wayne	0812 CFTM 10 PQ 315
+Utica, N.E. Ohio	Cleveland	0815 CKOD 11 ON 160
26 Tr 2300 W40AN NY 57	19 Tr 2000 WWTW 9 MI 348	o/CHCH & CKWS
Channel America Rochester	22 ES 0040 KIMT 3 IA 725	0820 CJFP 35 PQ 315
27 Tr 0600 WUPW 36 OH 255	0102 KMTV 3 NE 884	Ft Wayne, NE ONT
so strong it was	25 Tr PM Cleveland, Detroit, Ill on FM	+ Detroit
coming in all the	GREAT DX TO COME!!	2330 WGGN 52 OH 224
to Ch 32!! (!!!-BN)	26 Tr 0016 WEHS 60 IL 496	Toledo, SW Ont
+Ft Wayne U's	0020 WCTU 26 IL 464	SEPTEMBER 1990
27 ES 1630 WEDU 3 FL 1080	0100 WICS 20 IL 604	1 Tr 0630 DetroitToledo-s/f
AUGUST 1990	0136 W467? IL 665	Ottawa, Montreal up
7 ES 1200 KSWK 3 KS 1220	E. St Louis HSN	3 Tr 0930 WGZX 32 WI t
9 Tr 0815 K66BV MI 232	(I have no listing for it-BN)	1900 WWUP 10 MI 360
Univision Detroit	0144 WOTO 35 IL 544	NEW VHF record-s/f
11 Tr Sandusky 52 Ohio, Cleveland	0245 WHOI 19 IL 580	1940 WMLF 56 PA 200
Toledo, Ft Wayne, Windsor	0253 WAND 17 IL 570	2200 WETK 33 VT 293
WHME 46t IN all at 0800+	0339 KBSI 23 MO 691	Many other tentative from
1200 W44AG PA 94	NEW TR Record/TV	WNY-22-VT to WZTV-17-TN
Erie TBN v/strong	0700 WCFB 38 IL 464	and WBSB-57-PA!
35,24 Erie Imaging	1400 WTVQ 36 KY 458	4 Tr 0100 WDLI 17 OH 206
54 & 66-s/f		

Greg's report continues on the next page



Greg Coniglio continued

Sept 1990

4 Tr 0730 Scranton strong 22-s/f,cc1 on 57 0938 WJRT 12 MI 248-s/f 0837 WDTV 8 MI 349-s/f 0845 WMMT 3 MI 347 Detroit 2 & 4 way over buffalo (!-BN) WXYZ-7-MI way over Local WKBW-7 (wow-BN)	4 Tr 1030 WBSX 31 MI 260 over CITY Other Michigans- Detroit/Flint,lansing area..VERY STRONG 1100 WBAK 38 IN 508 1400 33 & 22 VT tent	4 Tr 1715 TVO channels 42 & 55 North ONT.-s/f LOCAL! 1720 CBOT 33 ON 170 MacArthurs Mills 51-Tr 0115 WCTE 22 TN 595
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It was great meeting all of you at the convention; I really enjoyed it. Mike & Shirley Wimer did a excellent job as hosts. back home, trop has been amazing; the best I've seen. The early morning hours of August 22 bought skip & trop to the same areas on FM! (Now that really is healthy DX!-BN) The 26th bought my trop record on UHF; 691 miles to Cape Girardeu. It was briefly able to override the other 23's in (none of them ID-ed!) More on this late breaking opening later... Hope September brings hot trop everywhere! 73 Greg

Keith Pugh 227 Martin St New Hope AL 35760

Equipment; RCA Color Trak, VHF rabbit ears, R.S. PRO 2004, 27 MHZ ground plane

June 1990

1 ES 1313 KDUH 4 NE 1080 19 ES 1638 KNAZ 2 AZ 1400 25 ES 1700 KKTO 2 NM 1100 27 ES 1241 WBAY 2 WI 685	11 ES 1607 KOAA 5 CO t 1936 KCNC 4 CO(again) 19 ES 0959 WPBT 2 FL 702 1026 KKTO 2 NM 1100 1029 KENW 3 NM 950 1200 KYCU 5 WY 1120 1430 KWGN 2 CO 1080 1431 KSNC 2 KS 755	22 ES 0918 KKTO 2 NM 1100 26 ES 1259 KBME 3 ND 1140 27 ES 1159 XPRIO 2 TAM 890 29 ES 1538 UNID 4 MX-ss AUGUST 1990 2 ES 1100 KKTO 2 NM 1100 1346 KWGN 2 CO 1080 2327 KTWO 2 WY 1220
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That dude from Joisey (The Editor) PO BOX 2999 Clifton NJ 07015-2999

September 1990

3 GW 1720 "WEXP"27-881007KQ Hoboken NJ 9 miles experimental station testing HDTV.  
1725 W28AJ W. Haven CT 55 miles Video Juke Box  
4 Tr 0000 WXXA 23 NY-155 + Avg Trop to N.E. But soon its gets real good! Toronto on FM  
a Tot of UNIDs to the NW; mostly weak sync bars.and this was around 2100.  
5 Tr 0030 WNE 31 VT-185-snow free! New England U's OK. 0130 WAKC 23 OH 384 my farthest uhf  
to date...0200 WOIO 19 349 good enough for taping on my VCR!  
9 Tr 0650 WSKG 46 NY ID/w/CB-155 0700 Boston U's 0730 WVNY 22 VT-265...0800 WETK 33 VT-265  
10 Tr 0055 WCNY 24 NY-202 ID with 3/4 CB

Equipment; Radio Shack Top of the line UHF only antenna, Winegard 4990 amp,R.S. rotor,cheap  
coax, Teknika TV tuner, Scott VCR, Quasar TV. R.S 6 element FM ant for VHF.

Comments; After setting up my modest system I was shocked to see what came in! Ohio and  
Vermont! States that I gave up at Highland Ave, and stuff that I thought i  
wouldn't ever see much, is common here on Ackerman Ave. The stuff I get snow free  
all the time is...WTXX-20-CT, WTBY-54-NY...Watchable but not s/f are...WCDC-19-MA  
WTFX-29-PA...38 Scranton is better than 22 & 28. Common trop bring in Boston a  
lot plus Hartford and other CT U's. This area has definate potential! Actually  
I wasn't going to put up a UHF antenna for a while but after stopping by Joe Fela  
and seeing what he gets on UHF, well I was inspired to do some serious DXing again  
on UHF. If you are wondering...it is bad with images here with being so close to  
WNJM-50 and NYC, but the main pests do go off..(Thank God!) at nite so it aint so  
bad really. It seems my area favors the North East, so I think NH and maybe ME will  
be possible!  
Goodxing Bill

Editorial; It seems that I am the latest to be trashed in the "Feedback" column. Frankly I don't know why this  
person didn't write to me directly instead having it published in the VUD!!! That was a low blow pal!!!! -BN

Station News; NJ has a new TV station;..well sort of! "WEXP" ch 27 is broadcasting from  
Hoboken NJ and experimenting with HDTV as a experimental TV station. For details, see Joe  
Fela's report.

# WESTERN TV-DX

Fred McCormack  
Box 9077  
Prairiewood Station  
 Fargo, ND 58106-9077

Deadline: 11-08-90  
Cut-off: 08-01-90

October 1990

Once again, a super column! For Midwesterners, DX was the tropo at the end of  
August. Jeff Kadet hauled in some more Colorado translators. Yours truly was stuck with  
nothing but a bowtie, but that didn't stop a few 500+ mile stations from showing up. It  
was indeed quite an event.

For the rest of the western reporting region, DX consisted of E skip and meteor  
skip, including some loggings at extraordinary distances. I believe Mike Cherry's meteor  
skip logging of KJRH-2 at 1670 miles is the longest reception ever attributed to meteor  
scatter in the pages of the VUD.

Welcome to new reporter Tim Cronin and to returning reporter Ronald Purdue who's  
loggings haven't graced these pages since December 1987. I hope we continue to hear  
from both of you, as DX warrants.

New \_\_\_ New Mode \_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - \$

CH Chihuahua	CU Coahuila	NL Nuevo Leon	SO Sonora	TA Tamaulipas
CHA Channel America Network	VJN Video Jukebox Network			

Jeff Kadet, Box 20, Macomb IL 61455 (309)-833-1809

CDT

Equipment:

ICOM R7000 with video adapter, JVC and Panasonic monitors. Various Zenith  
TV's. Screened Channel Master 7' dish with PA-4975 preamplifier, .500 aluminum  
hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum  
hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with  
RG-11 up 18'.

August 1990

8 tr 0125 W23AT 23 IL 188 (Mokena LPTV-VJN)	24 tr 1030 WFIQ 36 AL 425 (In all day with Huntsville and Chattanooga Us)	26 tr 0212 WUTV 29 NY 620 0229 WPTT 22 PA 576 (Best ever)
9 tr 1940 WGKI 33 MI 373	1956 W67AL 67 OH 500	0231 @CBLN 40 ON 505 CFMT 47 ON 610
10 tr 0148 KARD 14 LA 583	(Eastlake WVIZ-25)	0307 WHAGT 25 MD (Hit Video USA ) ( 0 kHz --WEYI )
11 tr 0145 W20AQ 20 WI 270 (Sheboygan LPTV-TBN)	2035 CBLFT9 53 ON 511	0316 W17AI 17 OH (Columbus WWAT-53)
0308 W43AV 43 WI 232 (Waukesha LPTV-CHA)	2127 CITY 57 ON 610 WTJP 60 AL 520	0320 WDCA 20(MD) 720 (Best ever)
14 tr 0035 W52AZ 52 IN 240 (Evansville LPTV)	2138 CBLFT8 61 ON 550	0328 W21-- 21 ?? (Unknown LPTV-TBN)
("All News Ch")	25 tr 0100 WNAL 44 AL 520	0347 @WWCP 8 PA 615 0356 W44-- 44 ?? (Unknown LPTV-TBN)
17 tr 0018 K62DA 62 MO 260 (Malden WREG-3)	0200 =WJSU 40 AL 545	0402 @CBLN2 34 ON 460 0420 @W15AD 15 WV 655 (Wardensville WNPB-24) @W48AA 48 WV 620 (Keyser WNPB-24)
0050 W65BF 65 TN 367 (Memphis LPTV-TBN)	0206 CBLFT10 48 ON455	0422 @VYAH 11 WV 475 0437 @HUSA 9 DC 725 0442 @W15AD 15 WV 655 (Wardensville WNPB-24) @W48AA 48 WV 620 (Keyser WNPB-24)
WLCNT 19 KY	0215 CFPL 10 ON 510	0453 @WLYH 15 PA 748 0530 @WNED 17 NY 620 0530 @WVIA 44 PA 775
1825 W65BV 65 IL 77 (Springfield WSEC-14)	0307 CIII41 41 ON 640	0558 +WTVC 9 TN 475
(//chs 22,29,41)	0355 CIII27 27 ON 685	1945 W67AL 67 OH 500 Canada 53,59,61 (Putting WLAX-25 video on ch 42)
18 tr 0001 @WQQB 40 KY 325	0404 CKCO4 11 ON 680 (//chs 13 & 42)	0527 @WLYH 15 PA 748 0530 @WNED 17 NY 620 0533 @WVIA 44 PA 775
22 tr 2315 =WNUJ 13 MI 450	0425 CICO18 18 ON 505	&WTOV 9 OH 515
23 tr 0140 W30AL 30 IL 175 (Plano LPTV-CHA)	0435 CICA51 51 ON 610	
0408 WWUP 10 MI 510 ( ID with WWTV )	0459 +WOWK 13 WV 455	
0454 WLUC 6 MI 495	0503 @WNED 17 NY 620	
0543 K41AD 42 IA 240 (Lansing )	0558 +WTVC 9 TN 475	
	1945 W67AL 67 OH 500	
	Canada 53,59,61 (Putting WLAX-25 video on ch 42)	
24 tr 0226 WTT0 23 AL 527	2145 WSBN 47 VA 500	
0345 &WLOS 13 NC 555	2235 WVEU 69 GA 575	

Jeff Kadet (continued)	28 tr 0114 K40CO 40 IA 295 (Storm Lake KMEG-14)	31 tr 0430 K48AH 48 MN 395 (Willmar KMSP- 9)
26 tr 0536 W56CA 56 OH 409 (Delaware LPTV-CHA)	0330 K15BQ 15 KS 295 (Topeka religious)	K48AA 48 MN 315 (St. James LPTV-STV)
0543 @WCHS 8 WV 495	0448 @WSBN 47 VA 500	K52AB 52 MN 315 (St. James KARE-11)
0548 WETG 66 PA 555 WTVet 51 PA (HSN 0 kHz-WSFJ)	29 tr 0759 unid ch 57 CO? (Fox-31 promo)	K54AC 54 MN 315 (St. James WCCO- 4)
0654 @WSBN 47 VA 500	0809 K59AP 59 CO 625 (Bethune KUSA- 9)	K20AD 20 MN 335 (Worthington KSTP- 5)
0715 K58CX 58 KS 265 (Lawrence KTKA-49)	0830 KWHH 53 CO 770	K32AF 32 MN 315 (St. James KSTP- 5)
27 tr 0108 Canada 40,41,48, 53, 59, 64 TP's	0918 K69AX 69 CO 650 (Flagler KUSA- 9)	0435 K69DA 69 MN 420 (Little Falls KSAX- 42)
0129 W66BV 66 MI 405 (Detroit Univision)	0929 K67AQ 67 CO 650 (Flagler KMGH- 7)	0502 K40BR 40 MN 395 (Willmar KITT-29)
CITY2 31 ON 525 (WSBX noted off for first time)	1018 K62AH 62 CO 625 (Cheyenne Wils KKTU-11)	0504 K44AD 44 MN 315 (St. James KMSP- 9)
0239 W59-- 59 ?? (Unknown LPTV-CHA)	0230 K14AD 14 MN 395 (Willmar KSTP- 5)	0510 K60AO 60 MN 365 (Redwood Fls KSTP- 5)
(East)	0235 W64AC 64 MN 365 (Rdwood Fls w/KGAN-2)	0521 @KCAN 8 NE 390 (w/KCAU-9 ID)
0241 W56CA 56 OH 409	0239 K66BB 66 MN 365 (Redwood Fls KMSP- 9)	0522 K60AK 61 IA 230 (Clarinda KETV-7)
0243 W29AI 29 OH 475 (Akron LPTV-CHA)	0241 K53CH 53 MN 342 (St. Paul religion)	2202 KCNC 4 CO 1110
0329 W50BE 50 OH 420 (Mansfield LPTV)	0250 KCCO 7 MN 426 (St. James Family Ch)	2213 KTVQ 2 MT 750
&WCCBT 18 NC (unid res TP)	0305 K68BJ 68 MN 365 (Redwood Fls KARE-11)	2215 KRIV 3 MT 585
0359 +W59Ct 36 NC	0310 K62AA 62 MN 365 (Redwood Fls WCCO- 4)	2217 @KWGN 2 CO 1110
0404 unid ch 32 east (CB TP no ID.)	0320 K61AU 61 MN 390 (Granite Fls WCCO- 4)	2232 KMTV 3 NE 1440
BIG MYSTERY)	0329 K69DP 69 MN 390 (Granite Fls KARE-11)	2234 KSNC 2 KS 1435
0429 +WOAY 4 WV 537	0350 unid channel 57 (KCTV from west)	2300 KKTO 2 NM 1260
0440 WVYA 6 WV 556		2311 unid ch3 Spanish beam 120°
0445 @WSBN 47 VA 500		2329 KEYT 3 CA 1010
&WBRA 15 VA 608		2332 @KNBC 4 CA 1055
&WMSY 52 VA 549		2333 XHBC 3 BN 1205
0625 KXON 35 OK 390		2338 KCRA 3 CA 740

Lots of primo DX this past month. Included are furthest Canadian tropo (CKCO4-11 at 680 miles), furthest west tropo (KWHH-53, Castle Rock, Colorado at 770 miles) and furthest east hi-band tropo (WUSA-9 at 725 miles). Also got three new Colorado translators. I went through three rolls of 36 exposure film from the 23rd to the 29th and will send the better pics to PHOTO NEWS.

Was especially glad to get WUSA-9. I used to drive up into the mountains of western Maryland with my 9" AC/DC Zenith and a two-bay bowtie to see how far the DC's would get. WDCA often made it, but WUSA (then WTOP) seldom did. Wonder if any DC area DX'ers got into this opening and, if so, how far west?

Here is my nomination for "Shortest Career of a TV Station" Award. On August 29, 1989 I had a color bar test pattern with ID (and photographed) from K69FN in St. Louis. Other than the test pattern, they ran a few snippets of a videotaped preacher. One year later, the station has not been seen since that one day!

Station total now at 1114. 73.

(Jeff, I believe your channel 21 TBN on an Indianapolis heading was W21AI in Portsmouth OH, your channel 44 TBN on a Cleveland heading was W44AG in Erie PA, and your channel 59 with Channel America from the east may have been W59AP in Ashland OH. What do you think? fm)

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201

PDT

Equipment: See September 1990 Western TV-DX

July 1990	25 Es 1758 CFSS 3 SK 950	27 ms 0020 KCRA 3 CA 740 ( 8 sec loc PSA)
23 Es 1900 KIDK 3 ID 650	2100 KBME 3 ND 1075	Es 0632 @KEYT 3 CA 1010
1959 KTWD 2 WV 940	2200 KIII 3 TX 2020	tr 0717 @CBUT9 60 BC
24 Es 1851 KLINE 3 NE 1325	26 tr 0713 KAYU 28 WA 315	0719 @CBUT34 35 BC
1900 \$KNOP 2 NE 1240	ms 2133 KRTV 3 MT 585	0723 \$CHAN9 21 BC
tr 2120 WA chs 25,42,47	(12 sec loc ad)	

Mike Cherry (continued)	2 Es 2359 \$KCBS 2 CA 1050	13 Es 2059 KWGN 2 CO 1110
28 tr 0630 Yakima U's 225	3 Es 0000 KRNV 4 NV 670	2100 KREG 3 CO 1040
0827 KTNW 31 WA 290	0018 KVBC 3 NV 995	15 tr 0715+ Tri-Cities & Yakima U's 275
(Over CBUT35)	0032 KFDX 3 TX 1655	16 tr 2054 CBKT1 27 WA 195
0829 KEPR 19 WA 290	0035 CKND2 2 MB 1060	17 ms 0657 KJRH 2 OK 1670 (6 sec PSA w/ID)
(Over CBUT36)	0047 \$KTVWt 2 NV	Es 1900 CITL 4 SK 675
29 ms 0000 many unid pings all evening	0059 \$KRON 4 CA 770	1903 CBKT1 4 SK 805
30 ms 0419 @KTVX 4 UT 805	0100 KCRA 3 CA 740	1930 \$CKCC 2 SK 855
31 tr 0700+ OR 24, 32 s/free	0101 @KUTV 2 UT 805	1933 KXJB 4 ND 1220
1900+ OR 24, 33 still	0113 @KUSD 2 SD 1350	2000 KGFE 2 ND 1175
1923 KLEW 3 ID 355	0140 fade out	KDLO 3 SD 1260
2100+ Tri-Cities U's	0700 \$KTVX 4 UT 805	2032 KOTA 3 SD 1030
2127 KMTR 16 OR 330	KUTV 2 UT 805	2100 CKBI3 4 SK 920
	0707 KCCZ 4 UT 950	CBWFT 3 MB 1180
	0729 KSWK 3 KS 1365	20 Es 1800 KENW 3 NM 1480
	1217 KEYT 3 CA 1010	1921 KEYT 3 CA 1010
August 1990	4 tr 0825+ Tri-Cities U's	2000 KOET 3 OK 1670
2 Es 1759 \$KOTA 3 SD 1030	10 Es 0900 KMTV 3 NE 1440	21 tr 2204 KAYU 28 WA 315 (Under KTPS)
1800 \$KLBY 4 KS 1290	1118 \$KOTA 3 SD 1030	2210+ Tri-Cities & Portland Us strg
KTVS 3 CO 1165	1800 \$KTVS 3 CO 1165	22 tr 0711 WA 25, 42 s/free
1857 KNOP 2 NE 1240	1833 KLBY 4 KS 1290	0722 KAYU 28 WA 315 (Snow free)
2129 KREG 3 CO 1040	1900 KOET 3 OK 1670	0742 @CBUT1 9 BC 110 (Vy rare o/KTPS)
2148 KTBS 3 LA 1900	1959 KFOR 4 OK 1670	0759 \$CHAN9 21 BC
2200 \$KNAZ 2 AZ 1145	2059 KSWK 3 KS 1365	25 Es 1000 KVBC 3 NV 995
2202 KCNC 4 CO 1110	2100 KSNC 2 KS 1435	2000 KRNV 4 NV 670
2213 KTVQ 2 MT 750	2133 KNOP 2 NE 1240	2000 KSWK 3 KS 1365
2215 KRIV 3 MT 585	2200 \$KDUH 4 NE 1095	WDAF 4 MO 1590
2217 @KWGN 2 CO 1110	ms 2316 KIEM 3 CA 560	2029 KSNW 3 KS 1515
2232 KMTV 3 NE 1440	11 ms 0105 CFRN 3 AB 555 (14 sec loc ad)	
2234 KSNC 2 KS 1435	(Previous au)	
2300 KKTO 2 NM 1260	Es 0559 KUSD 2 SD 1350	
2311 unid ch3 Spanish beam 120°	13 tr 0452 @KNMT 24 OR 235	
2329 KEYT 3 CA 1010	0504 @KUTF 32 OR 275	
2332 @KNBC 4 CA 1055	gw 0504 \$KCTS 9 WA 95 (Activates SAP 1st time- test)	
2333 XHBC 3 BN 1205		
2338 KCRA 3 CA 740		

I would rate this year's E skip season for TV as mediocre. On many days, again this month, only one or two stations in per opening, often for an hour or two at a time with sometimes surprisingly strong signals. I had pretty good luck with the Aquarids and Perseids meteors this year. Meteor scatter signals were also strong. The reception of KTBS-3 Shreveport floored me!! It was in long enough for a local ad to come through - very strong signal! That was the beginning of a rare late-night opening that lasted until the early hours of the 3rd. KTBS-3 I'm sure must be cloud-to-cloud or possibly a tropo-enhanced E skip. It will be interesting to see if any tropo reports from that date bear out this theory.

I'm not sure if channel 4 Oklahoma City is using KFOR calls yet - signal faded after local PSA and before ID. I was hoping to catch their new calls on tape (formerly KTVY). E skip opening on the 17th in unusual direction - usually aurora comes from this part of Canada.

On 21st tropo to eastern Washington - KAYU-28 came in with KTPS - first time this has happened to me.

Locally, KCTS-9 (PBS) is the first local to activate SAP (KIRO-7 tested theirs when they first went stereo but has since ignored this). A three minute tape loop explains SAP and that bi-lingual and commentary for vision impaired viewers will begin on KCTS programming this fall.

Hope y'all had a good E skip season and that everyone has some good autumn tropo and aurora. 73's, Mike

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

June 1990	July 1990	8 Es 2040 WSTM 3 NY 1050
29 tr 2130 WHSL 46 IL 285	3 tr 0500 KIMT 3 IA 335	2100 unid 3,4 nw CBC
2200 WICS 20 IL 335	0700 KFAA 51 AR 215	17 Es 2130 WTKR 3 VA 1055
KBSI 23 MO 350	K57DR 57 MO 150	20 Es 2000 KYW 3 PA 1090
WFIE 14 IN 450	(Joplin LPTV)	
WRSP 55 IL 335	4 Es AM CFQC1 3 SK 1070	August 1990
WFHL 23 IL 370	8 Es 1730 WBTW 3 NC 835	29 tr AM KDUB 40 IA 355

Dave Pomeroy (continued)

31 tr 0100	KEYC 12 MN 345	31 tr 0100	K61-- 61 ??	31 tr 0622	KJMH 26 IA 270
	KITN 29 MN 435		(Unknown KCAU-9)		KLJB 18 IA 320
	KTMA 23 MN 435		K56AF 56 IA 120		WWSL 46 IL 285
	K24AC 24 NE 80		(Clarinda KMTV-3)		WYZZ 43 IL 360
(Falls City w/KEYC-12)			K32AF 32 MN 355		WAND 17 IL 370
(Normal KUON-12)			(St. James KSTP-5)		K60AK 60 IA 120
KARE 11 MN 435			0540 WHLA 31 WI 395	(Clarinda KETV-7)	
KTTT 10 MN 355			WHWC 28 WI 455	0720 WQOW 18 WI 455	
KWWL 7 IA 305			WLEF 36 WI 550	0730 KCRG 9 IA 300	
K40CQ 40 IA 250			WHRM 20 WI 510	WWTO 35 IL 385	
(Storm Lake KMEG-14)			(See Note)	1023 K25-- 25 ??	
K55FL 55 IA 295			KTCI 17 MN 435	(Unknown TBN)	
(Spencer KMEG-14)			K52BH 52 IA 225	AM unid channel 35	
K60-- 60 ??			(Ames TBN)	(w/Ch America)	
(Unknown TBN)			0622 WMBD 31 IL 345		

Note - Quick ID on these with color bars and call/channel numbers. Others were listed, but this is all I could get.

(Dave, channel 60 TBN would likely be K60DJ at Cedar Rapids IA or K60DS at Rochester MN. I wonder if channel 61 with KCAU-9 might be K61CU Lincoln NE, previously RFD-TV? Lincoln is on the fringe of satellite KCAN-8's coverage area and would seem to be a good site for a relay. Regarding your channel 25 with TBN from the west, K26BZ at Junction City has applied for a move to channel 25. Perhaps they are already operating there with special authority? Your channel 35 with Channel America from the northeast is likely K35CO at Cameron MO. Finally, K45CQ at Council Bluffs is probably your TBN from the north. fm)

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446

PDT

#### Equipment:

Radio Shack VU-210 with rotor and preamp at work. Zenith 27" TV, Radio Shack 15-1712 V/U antenna and Winegard CP-8800 preamp at 13' agl at home.

July 1990	18 Es 1300	CBKT1 4 SK 1255	3 Es 0930	KOAA 5 CO 905
		("CBC Regina")	0934	KLBY 4 KS 1085
5 Es 1000-1300 unid 2-5 ene		KREM 2 WA 845		("Ch10 Wichita")
6 Es 1030 CKCK 2 SK 1305	1430	KLEW 3 ID 770	1030	KDUH 4 NE 1040
1200 KXMA 2 ND 1195		KXLY 4 WA 870	1130	KOTA 3 SD 1090
KOTA 3 SD 1090		unids chs 2-4 e	9 Es 1833	KBCI 2 ID 610
11 Es 1100 KOAB 3 OR 585	19 Es 1010	25 Es 0923 XEPMt 2 CH	14 tr 0920	K29AB 29 CA 90
1130 KRID 4 ID 610	0928	KMID 2 TX 1080		(Monterey KICU-36)
1300 KXMA 2 ND 1195	31	(See Note)	0930	K59AC 59 CA 80
(Video - "KX-2")				(Gonzales KTEH-54)
KTVQ 2 MT 945	August 1990		1600	KFTL 64 CA 170
(Audio - "KQ-2")	2 Es 1630	KMID 2 TX 1080	1601	KFCB 42 CA 170
16 Es 0905 unids chs 2-4 n	1655	unid ch 2 n/w	1910	KSTS 48 CA 145
0935 KATU 2 OR 690	1659	unid ch 3 n/w?		(Spanish)
1059 KOMO 4 WA 835	1700	KDUH 4 NE 1040	1911	KTEH 54 CA 145
18 Es 1035 CKCK 2 SK 1305	1730	KOTA 3 SD 1090	20 Es 1930	KRTV 3 MT 955
1100 CFSS 3 SK 1330	1732	KFYrt 5 SD ABC	1959	KBCI 2 ID 610
(CKOS ID)	3 Es 0928	KXMA 2 NE 1195	2000	KTVQ 2 MT 945

Note - On this day, I installed at my house a small VHF-UHF Radio Shack antenna (model 15-1712) with a Winegard CP-8800 U/V preamplifier at 13 feet agl. 7/31 evening tropo - San Francisco V's 2, 4, 7, and 9 and U's 14, 20, 26, 32, 38, 44 - 20, 38 and 44 snow free at times. San Jose channels 11, 54, 65, and 60. Salinas channels 8, 35, 67, and 46. Santa Cruz translator with KICU-36. Hunter-Liggett Military Base translators 57 (KEYT-3), 63 (KCOY-12), and 69 (KSWS-8) (These are always in, as are San Jose 65, San Francisco 44, 38, and 60, and Salinas 8 and 35). Also seen; Vallejo 66 and CCI on channel 8 (possibly Ft. Bragg).

E skip trailing off here now - a pretty good season for me considering the lack of time. Maybe I can catch some off season E skip. I've also been seeing CCI on local channel 15 with antenna pointed north easterly - another LPTV towards Fresno?

(Jim, the CCI on channel 15 from the northeast may be K15CO, a channel change for K57CL, the TBN at Porterville. fm)

Tim Cronin, 7500 W. 111th St., Worth IL 60482

CDT

#### Equipment:

1984 Sony CVM-1270 monitor/receiver, el cheapo Archer rabbit ears hauled out of storage.

#### August 1990

27 tr 0045	WNDU 16 IN 77	27 tr 0056	WNWO 24 OH 216	27 tr 0155	unid 18 (WLLD?)
0047	WFYI 20 IN 160	0057	WSJV 28 IN 77		( See Note # 5 )
0048	WLFI 18 IN 100		WITK 29 IN 135	0156	WHMB 40 IN 160
	( See Note # 1 )		WUPW 36 OH 216	28 tr 0228	unid channel 45
gw 0052	unid ch 23 w/VJN	0104	WCLJ 42 IN 176		( See Note # 6 )
	( See Note # 2 )	0105	WHMET 46 IN	gw 1129	W23AT 23 IL 10
tr 0054	WSBT 22 IN 77	0108	WXIN 59 IN 160		(Mokena LPTV-VJN)
	WXON 20 MI 235	0109	WLIB 63 IN 176		( See Note # 2 )
	( See Note # 3 )	0112	WMCC 23 IN 145	tr 1755	16,22,28 S. Bend
		0132	unid 41 (WUHQ?)		17,23 Rockford
			( See Note # 4 )		

Note # 1 - First hint with the ears that a good opening was underway. WLFI is rare here, even when tower (45') is up and running, thanks to usual backhash from WVTU, but Milwaukee U's apparently absent this night.

Note # 2 - LPTV W23AT ID's (not often, it seems from early indications) from Mokena, which is a few miles east of Joliet. No idea on power (reported as 5.72 kW. fm), but CCI always evident using the ears. It and WMCC really carved each other up on August 27th. Huge storm in Joliet area August 28th knocked out W23AT's power for several hours. No sign of it when WIFR-23, presumed source of CCI, popped up briefly.

Note # 3 - WFYI null'd easily with the ears. WXON signal, of course, well below that of cable system's.

Note # 4 - Presumed WUHQ-41 Battle Creek given the other signals seen. Video unresolvable, tone heard.

Note # 5 - Would generally presume WVTU, but rotating ears Milwaukee way degraded signal. WLLD? (WLLD CP reported cancelled in 1986. fm)

Note # 6 - Home Shopping Spree feed parallel to WWOR. Ideas?

Thanks to having cable and an interest in satellite TV, I haven't DX'ed seriously (or reported) from southwest Chicago suburbs in years, though I remain an avid Digest reader. The appearance of WXON-20 on my local cable system late August 26th (after local WYCC sign/off) convinced me to hook up the rabbit ears to see if anything worthwhile was coming in on UHF. It was, bringing in Toledo U's for first time (but, curiously, no sign of Fort Wayne; must have been quite a duct). Perhaps it's time to fire up the rarely-used tower again. I can imagine what would have popped up. (Mileages from old chart; totals at 158, 55 UHF.)

Ronald Purdue, Route #1, Box 224, Byron MN 55920

CDT

#### Equipment:

RCA 13" XL-100 color TV, Winegard CS-8200 antenna at 30', Channel Master 0064C preamplifier, Archer amplified video selector.

#### August 1990

22 tr 1925	WGKI 33 MI 356	27 tr 1630	KSFY 13 SD 212	27 tr 2037	WHME 46 IN 363
1930	WUHQ 41 MI 390	1636	KRWF 43 MN 128	30 tr 1955	KYFC 50 MO 363
2042	WVCY 30 WI 237		(Video problems)	2000	KSPR 33 MO 481
25 tr 1839	KSAX 42 MN 188	1828	WRGT 45 OH 525	2004	KZKC 62 MO 363
1844	KCCO 7 MN 188	1830	WPWR 50 IN 316	2114	WTJR 16 IL 294
	(Snow free)	1836	KLJB 18 IA 203	2118	KSHB 41 MO 363
2005	KAWB 22 MN 177	1942	WGBO 66 IL 288	2153	KMCI 38 KS 384
2015	KCCW 12 MN 231	2012	WMSN 47 WI 175	31 tr 0650	KTKA 49 KS 384

Hello! It's been at least three years since I last reported to the TV-DX column. I finally got some ambition to DX! I have a new antenna which was installed in October 1988, and it has really cleaned up the "snow" on VHF and UHF channels, especially from the Minneapolis-St. Paul area. The coaxial downloads on both of the old antennas were corroded (the center conductor) and had to be replaced.

The tropo that we had a few days back was caused by warm and humid conditions that lasted for about four days. I didn't know I was going to bag WRGT-45 from Dayton, Ohio. I thought first that KVBM on channel 45 from Minneapolis had signed on the air for the first time, but it was WRGT carrying the "A-Team".

**Ronald Purdue (continued)** Last night, the 29th, I spent nearly two hours trying to find the call letters for channel 33 in Cadillac, Michigan from previous issues of the VUD. The NATVDB is nearly three years old and a new edition is needed desperately! Why isn't a new edition published every year?

Maybe in my next report I will have something on KXLT-47 in Rochester. I bet the programming will be the same as it was in 1988. See you in 30. 73's and good DX!

Doug Smith, 3105 Oakridge Avenue, Madison, WI 53704-5848

CDT

**Equipment:**

Sears tabletop color stereo set, big (model unknown) Winegard VHF only, and Radio Shack UHF corner reflector, antennas up about 25 feet.

<b>August 1990</b>	27 tr 2300	WKOI 43(OH) 340	30 tr 0930	W51AF 51 IL 120
26 tr 0135	KDNL 30 MO 311	2355 WEHT 25(KY) 365		(La Salle WCFC-38)
0220	WHSI 46(MO) 311	28 tr 0015	WXIX 19(OH) 362	WHKE 55 WI 100
	unids 24, 25, 45	0106	WKEF 22 OH 343	W62BU 62 IL 65
27 tr 2126	Indianapolis UHF	30 tr 0930	unid channel 30	(Rockford WWTO-35)
2209	WRTV 6 IN 269		( See Note # 2 )	W65BI 65 WI 85
	( See Note # 1 )		W33AR 33 IL 65	(Milwaukee WCIU-26)
2212	WISH 8 IN 283		(Rockford WCIU-26)	( See Note # 3 )
	WRGT 45 OH 343		W36AO 36 IL 90	W68BR 68 IL 65
	WDRB 41(IN) 367		(Palatine LPTV-VJN)	(Rockford WCFC-38)

Note # 1 - Running Star Trek. Monday Night Football apparently blacked out as Indianapolis was one of the teams.

Note # 2 - Channel America ID. Suspect suburban Chicago, Rockford, or elsewhere in northern Illinois. (W30AL, Plano, Illinois. fm)

Note # 3 - I saw this one several times when it was W55AS, but this is the first reception on channel 65.

I visited my parents near Milwaukee on the weekend of the 25th and noticed a new LPTV, W43AY Waukesha, Wisconsin. They were running black and white movies; may have been Channel America but didn't watch long enough to find out for sure. (It is. fm)

Ed Frye, 22618 Cardiff Drive, Santa Clarita CA 91350-3017

PDT

**Equipment:** See August 1990 Western TV-DX

<b>August 1990</b>	9 Es 1845	CCI-channel 2 northeast
11 ms?	1545	unid channel 6; sudden burst over semi-local XETV-6; saw telephone number with 916 area code (Sacramento, California)
Es	2355	CCI-channel 2 northeast
12 Es	1900	CCI-channel 2 east-northeast; lasts for 15 minutes
20 Es	1945	CCI-channel 2 northeast, in/out
	1955	CCI-channel 2 east; strong
	2000	unid channel 2 northeast; under KCBS - weak
	2010	CCI to channel 2 increases; picture distorts side-to-side
		CCI-channel 3; weak "venetian blind" effect is present
		CCI-channel 4; faint image under local KNBC
	2015	CCI-channel 2 extremely heavy
		unid channel 2 east; ABC - NFL exhibition football
	2020	unid channel 3 east; tentative PBS

Not much to report in the way of identifiable DX this month. August's big moment came during the early evening of the 20th when local KCBS-2 was suddenly awash in co-channel interference. Unlike previous skip events when the channel 2 picture was totally distorted, this time a very discernible image of an ABC affiliate to the east lay just beneath the KCBS broadcast for about thirty minutes. Over on channel 3, a unid (PBS?) station briefly came through with a documentary on "Ike"/Nixon/LBJ campaign memorabilia. The event on August 11th was somewhat interesting, too. While watching a program on semi-local XETV-6, I saw an advertisement suddenly burst onto the screen. Could it have been meteor scatter? The Perseids shower was to have taken place that night, although nothing materialized here.

Frank Merrill, P.O. Box 669, Macomb IL 61455

**Equipment**

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch; Winegard VHF-UHF (8100?) at 40 feet for tr and some Es; lowband (Finco?) vertically mounted at 12 feet for Es; Winegard preamplifiers.

Hello, all. I hope that it has been a fruitful season for everybody who watched. My thoughts are that it was a rather dry E skip season, with very little "real" E skip (which has an MUF of channel 6 or higher) in June or July.

July was a much better month overall because there was some good tropo (I'll report it next month), and I hope that many "cleaned up" on the recent tropo of August 25-27. I certainly did! I haven't counted them up yet, but I think I logged about 20 new from it.

You'll see one July 2nd item listed here; the rest will show up next month (a good tropo day). I'd like to read some comments on how to treat this logging, because it's certainly one of the strangest things I've ever seen! I've been busy with records, as well as getting stuff repaired or replaced after a May 11th lightning strike - fortunately everything that couldn't be fixed was stuff that's easy to replace.

<b>June 1990</b>	15 Es 1059	KTVQ 2 MT 965	27 Es 0828	KXAS 5 TX 645
11 Es 2000-2300		KOUS 4 MT 950	0858	KXTX 5 TX 780
	KNAZ 2 AZ 1195	1230	KIII 3 TX 965	WTVY 4 AL 715
	KKTO 2 NM 920	1735	KMID 2 TX 865	1131
	tr 2335	WCLP 18 GA 550	16 Es 1423	XEJ 5 CH 1065
		(Audio only)		E1 Paso
	12 tr 0011	WCNC 36 NC 650	2236	KKTO 2 NM 920
		0000-0500	2310	KGBT 4 TX 1070
		WBIR 10 TN 475		KRGV 5 TX 1070
		WLOS 13 NC 550		XHRIO 2 TA 1080
		WHNS 27 NC	17 Es 2100	KDBC 4 TX 1060
		northern AL		XHIT 4 CH 1195
		WBMG 42 AL 525		KMID 2 TX 865
		W43AG 43 KY 300		KENW 3 NM 860
		(Hopkinsville LPTV)		2141
		etc.	19 tr 0628	W52AZ 52 IN 235
		0550 & WATET 6 TN		(Evansville LPTV)
		(unid 3/4 CB's)	Es 1300	KUTV 2 UT 1125
		2100-2359	1746	"XEX/XHAJ" ch 5
		WPGH 53 PA 560	1750	KMID 2 TX 865
		WPBY 33 WV 470	2148	XEFB 2 NL 1160
		much Ohio	2200	KIII 3 TX 965
		13 tr 0100	Canadians 40,45,	21 Es 2304
			48, 59, and 61	2309
			WJW 8 MI 470	WDIQ 2 AL 660
			Detroit / Toledo	22 Es 0310
			1300	WPBT 2 FL 1165
			0315	CKCO 13 ON 620
				1313
				WBRZ 2 LA 700
				1329
				Cuba 3 "ICRT"
			Es 1400	KTWO 2 WY 820
			1928	KUTV 2 UT 1125
			14 Es 1654	KGWL 5 WY 945
				WPBT 2 FL 1165
				KCWC 4 WY 940
				1800
				KOUS 4 MT 950
				KTVQ 2 MT 965
				KIDK 3 ID 1145
				2100-2200
				KVBC 3 NV 1350
				KKTO 2 NM 920
				KNAZ 2 AZ 1195
				27 Es 0030
				WWAY 3 NC 810
				WFSB 3 CT 930
				0815
				KBTX 3 TX 750
				1030
				KPRC 2 TX 800
				0825
				WPTV 5 FL 1130
				28 Es 0944
				WMAR 2 MD 745
				1028
				WLNE 6 MA 1015
				WFSB 3 CT 930
				1728
				WESH 2 FL 955
				WMAR 2 MD 745
				1730
				KWAB 4 TX 840
				1742
				KIII 3 TX 965
				1755
				WTVJ 4 FL 1165
				1803
				WCIX 6 FL 1185
				1823
				KIDY 6 TX 900
				(Prior by ms)
				1825
				KENS 5 TX 885
				1829
				WEDU 3 FL 990
				KPRC 2 TX 800
				1858
				KIII 3 TX 965
				KMOL 4 TX 885
				1949
				KFDX 3 TX 625
				1959
				KAMR 4 TX 705
				2009
				KVIO 6 NM 915
				2030
				KRGV 5 TX 1070
				KGBT 4 TX 1070
				2148
				XHPN 3 CU 985
				2202
				XEFB 2 NL 1160
				30 Es 2030
				KIII 3 TX 965
				2200
				WPBT 2 FL 1165
				WEDU 3 FL 990
				2300
				KRGV 5 TX 1070
				2310
				KGBT 4 TX 1070
				<b>July 1990</b>
				2 gw 0317
				KWQC 6 IA
				(See Note) 75

Note - KWQC was testing after their sign-off. Their main and auxiliary transmitters were on at the same time, so I was watching a white background (strong!) with a somewhat weaker KWQC 3/4 CB ID test pattern zero beating it! I wrote to ask what I had seen, and the engineer replied that my theory was correct. The main and auxiliary transmitters, which are at totally separate (but nearby) tower sites, were both on and the effect was the same as two stations broadcasting. Should I just log this as the oddity that I have, or did I see two separate stations (therefore, one must be new)? (See last page. fm)

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

July 1990

7 Es 1130	KLNE	3 NE	888	18 Es 1814	unid channel 3	29 Es 1939	unid ch 3 Mexico
1159	KSWK	3 KS	827	19 Es 1912	KOAA 5 CO 1003	31 Es 1658	WNEM 5 MI 996
1422	unids chs 2, 5			1945	KENWC 3 NM		
8 Es 1133	unids 2,5 Mexico				KNMET 5 NM	<u>August 1990</u>	
9 Es 2141	unids chs 2, 3			29 Es 1758	KENS 5 TX 486	2 Es 1944	unid ch 3 CBS
11 Es 2228	WJBKt 2 MI				(Short hop!)		unid ch 5 ABC

Note - In for 1 1/2 hours running "Siempre en Domingo" program. XEW-TV ID @ 2002.

Not much in the way of skip to report, unfortunately. I spent most of August moving to my new condo. It's on the 2nd and 3rd floors of a building and even has an attic! Reception strength has improved on all channels (unfortunately, for WBRZ-2 also).

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401

CDT

Here's my DX report for July 17 - August 16. Not too much to speak of; declining conditions and lots of overtime at the plant saw to that. Overall though, I've had a good season. Here's what it is:

July 1990

17 tr 0538	KSDkt 5 MO	25 tr 0507	KDNLt 30 MO	1 tr 0556	WUSI 16 IL 188
0541	KYIN 24 IA 209	0526	WHSL 46(MO) 177	9 tr 0556	WHO t 13 IA
21 tr 0806	WNDUt 16 IN	0550	WTMJ 4 WI 195		KDINT 11 IA
0816	WNITt 34 IN	31 tr 0600	WOI 5 IA 178		WOI t 5 IA
23 tr 0558	WHSL 46(MO) 177			14 tr 2220	KSDK 5 MO 165
0559	KDNL 30 MO 164	<u>August 1990</u>		15 tr 2216	KSDK 5 MO 165
25 tr 0505	KNLC 24 MO 179	1 tr 0541	WHSL 46(MO) 177	16 tr 0401	KMOV 4 MO 168

The WTMJ-4 logging was an odd one, coming on top of all the Missouri's that I got that same session. I was sure it was KMOV-4. As for WUSI-16, I was watching WTJR-16, Quincy, making sure of what it was when, in the blink of an eye, the dual ID card of WSIU-8 Carbondale and WUSI-16 Olney just "dropped" into place, without any help from me. Easiest one I've ever gotten.

Totals now: 147, including 100 tropo. 73's and God bless.

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment:

JVC AH-7200U VCR as tuner (with Hitachi CT-932 as monitor) fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downloads with a Channel Master booster on the UHF. Bohsei black and white fed by a Radio Shack V185 in the garage @ 7' and aimed east southeast.

Last time's K54CY logging is definitely Lakeport. K52AJ now relays KSTS 48 San Jose, so having KOVR 13 on channel 54 makes sense. Also, KFWU 8 Ft. Bragg seems to be - offset. It ID's with KRCR 7 Redding and KAEP 23 Arcata. Their ID shows the three channel numbers as interstate highway signs, with the calls in small letters in the red area above the numbers. I saw that twice before I realized what it was!

As always, new are underlined. \* is new to Antioch.

<u>June 1990</u>		24 tr 0727	K66CQ 66 CA 160	4 Es 2129	KACV 2 TX 1110
7 tr 0558	KADE 33 CA 180		(O'Neal's LPTV-"TV-66")	5 Es 0600	KMID 2 TX 1175
	( ID with KADY )			0700	XEPmt 2 CH XEW
10 Es 0959	KACV 2 TX 1110	29 Es 2030	KSNC 2 KS 1255	2328	CFAC 2 AB 1005
14 Es 1930	KJRH 2 OK 1425	2059	KACV 2 TX 1110	6 Es 1151	*KTWO 2 WY 880
2058	KMID 2 TX 1175			1158	KUSD 2 SD 1345
17 Es 1208	XEPmt 2 CH 970	<u>July 1990</u>		1233	KOUST 4 MT
18 Es 2030	KSNC 2 KS 1255	2 tr 0502	KAME 21 NV 145	1258	KNOP 2 NE 1110
19 Es 0632	XEPmt 2 CH XEW	4 Es 1044	KJRH 2 OK 1425	8 Es 0915	KSNCt 2 KS

John Jefferson (continued)

11 Es 1900	KSNC 2 KS 1255	19 Es 2016	KKTO 2 NM 890
13 Es 2030	KNOP 2 NE 1110	2031	XHI 2 SO 1040
8 Es 0929	KACV 2 TX 1110	2101	KSNC 2 KS 1255
0955	KKTO 2 NM 890	14 Es 1659	KSWK 3 KS 1120
1059	KACV 2 TX 1110	1701	KKTO 2 NM 890
1336	KKTO 2 NM 890	15 Es 0959	KMID 2 TX 1175
1549	XHI 2 SO 1040	2005	KMID 2 TX 1175

August 1990  
5 Es 1328 XEPmt 2 CH XEW

Here's the MUF breakdown to date:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
06/06	2	0715	06/28	107.3	1911	07/13	4	1853	07/31	2	0823
06/10	4	1129	06/29	94.7	2032	07/14	88.3	1746	08/01	5	2202
06/13	4	1833	06/30	4	1314	07/15	98.7	1905	08/02	100.3	1910
06/14	99.5	2005	07/01	107.7	1859	07/16	2	0802	08/03	5	2005
06/15	2	2003	07/04	94.7	1051	07/17	5	1900?	08/04	2	1918
06/16	2	0941	07/05	105.3	1927	07/18	106.7	1918	08/05	4	1317
06/17	102.7	1751	07/06	107.7	0801	07/19	107.5	1940	08/07	2	2202
06/18	94.7	2107	07/07	2	1350	07/20	99.5	1853	08/08	2	1100
06/19	4	0702	07/08	98.7	1719	07/21	2	2039	08/09	5	1845
06/21	2	0900	07/09	100.7	2223	07/22	99.1	0952	08/10	5	2207
06/23	98.7	1837	07/10	2	0732	07/24	2	2032	08/12	2	1906
06/24	107.7	1822	07/11	106.5	1430	07/25	5	1732	08/15	92.3	1944
06/26	4	2100?	07/12	107.7	1722						

The breakdown suggests several good days. That's misleading - most openings were short and unproductive even when they hit 106 or 107. May 28th was the only big winner. July 11th might have been except for work. I came home early to go to an eye appointment and walked into a hot one. It was near the top of the FM for at least 90 minutes, over half of which I missed except for a tape left running. I hope everyone out there did better than I!

KAME 21, despite being classified as a semilocal, was extremely hard to get. They were barely readable at best. Normally, there's no hope of seeing them, as KCSO 19 blows them away. When KCSO is off, KFTV 21 Hanford is quite sufficient to bury KAME, even when they're coming in poorly. But on July 2nd, both were off, so KAME limped in with Eugene Scott (the crazy, cigar-smoking "preacher" the FCC threw off the band) before 0500 and an ad for a record of "one of Elvis Presley's favorite singers" at 0502. Of course, they faded out at 0500.

By contrast, KADE 33 was quite easy to get. They had their test pattern on with dual ID's for KADE San Luis Obispo and KADY Oxnard. Unfortunately, "KADE" lands on a bright background, so is only semi-legible.

As for KSWK, they seemed to have a group ID with other stations, as there was lettering all over the screen; I was lucky to look in the lower right, where KSWK was displayed. I wish I'd had the VCR running - KCRA's picture would've provided the sync bar for a readable picture. I gave up on the VCR in part because of the VCR's inability to hold a weak or garbled signal. With KCRA at about 12 miles, loggings on channel 3 are guaranteed to be rare, so it would have been a nice one to document. KCRA, by the way, now has an all-news format when they're not showing NBC fare or Oakland A's baseball.

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

Here's another report. Beginning on August 27th, I probably won't have much time for DX'ing (until 1/19/91) because of the student teaching I'll be involved in for my final semester at UWGB.

<u>July 1990</u>		23 tr 2214	W62-- 62 ??	24 tr 2256	W40AK 40 MI 115
23 tr 2214	W40AK 40 MI 115		(Iron Mtn area ESPN)	25 Es 2215	chs 2, 3 w weak
	(Muskegon LPTV)		W49AF 49 MI 125	26 tr 0645	WFIE 14(KY) 420
	(Crystal Falls WGBA-26)				

William Draeb (continued)

31 tr 0533	W47AZ 47 IN 320	10 Es 1750	WCIVt 4 SC
	(Indianapolis VJN)		WCScT 5 SC
	WTVQ 36 KY 473		WEAR 3(AL) 955
	WOSU 34 OH 395	1800	WDIQ 2 AL 890
26 tr 0645	W68AA 68 IL 300		WKRg 5 AL 950
	(Danville WAND-17)		1816
	WEHT 25(KY) 420		WEDU 3 FL 1180
0729	WXIX 19(OH) 400		1825
Es 1215	KPRC 2 TX 1117		WESH 2 FL 1125
	KTBS 3 LA 910		WUFTt 5 FL
	KJACT 4 TX		2115
	2 Es 1915		all gone
	KPRC 2 TX 1117		0440
	1930		W20AG 20 WI 60
	KBTX 3 TX 1079	11 gw	(Sheboygan TBN)
	WWL 4 LA 1034		
	KALBt 5 LA		
	WDSUt 6 LA	12 ms	0440 unids ch 2 lots
	WBRZt 2 LA		Es 2110 unid ch 2+ west
	WKRgt 5 LA	13 tr 2050	Cincy UHF's 400
	KJACT 4 TX		WKONT 52 KY
	KENW 3 MN 1145		WCvnt 54 KY
	2218		14 tr 0624
	KKTOT 2 NM		WCET 48 OH 400
	KACVt 2 TX	16 tr 0405	@CFMT 47 ON 410
	KMIDt 2 TX		@CBLN5 20 ON 325
	KAMRt 4 TX		@CBLN 40 ON
	( See Note # 1 )		CIII41 41 ON 410
28 tr 2139	WCET 48 OH 400	4 tr 2015	W43AV 43 WI 105
29 tr 2235	CHFD 4 ON 300	5 tr 2045	(Waukesha LPTV-CHA)
30 tr 2218	WCET 48 OH 400	8 tr 2023	W40AK 40 MI 115
	WXIXt 19(OH)		(Snow free)
	WKON 52 KY 437		W19BA 19 MI 140
	WLKY 32(IN) 437		(Grand Rapids TBN)
31 tr 0515	WDRB 41(IN) 437	10 Es 1750	WCBD 2 SC 900
	Cincy UHF's 400		WWAY 3 NC 865

Note # 1 - Severe cross modulation on stations along Lake Michigan. Everything very strong; stronger than locals.

Note # 2 - With locals WGBA-26 and WXGZ-32 off because of thunder storms in area. WGBA back on at 2228. WXGZ returned the next day.

I still haven't figured out where the channel 62 with ESPN is in the Upper Peninsula (?). I've seen them before.

The new TBN station in Sheboygan, Wisconsin is W20AG. They have Morse code ID's about four times an hour during the prime time evening hours and after that, not so often. During the day, it seemed to be less often still, although I didn't watch for an extended period of time.

At first, I thought there was a pattern to the times the Morse code ID's showed up as they were the same as noted on W19BA which is also TBN. During prime time hours, they showed up at :03, :34, :43, and :53 minutes after the hour (2000 - 2200). This changed a little after 2300 with some of the ID's being left out or being changed a minute or two in one direction or the other.

The ID's stand out real well if the signal is strong and by itself without any CCI. Most of the time I got CCI from WXXW which tends to garble the Morse code ID's. '73's for now, Bill

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Magnovox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

August 1990

25 tr 1146	KPTM 42 NE 400	27 tr 0950	KDNL 30 MO 660	27 tr 1145	KCRG 9 IA 395
26 tr 1525	KHIN 36 IA 390	0956	WHSL 46(MO) 665	1147	KWVL 7 IA 395
1536	KMNET 7 NE	1011	KSPR 33 MO 695	1149	WAND 17 IL 620
1757	KSIN 27 IA 300	1028	WTVP 47 IL 560	1157	WICS 20 IL 610
1915	KHNE 29 NE 425	1059	K4OCO 40 IA 305	1228	WMBD 31 IL 560
2015	KLJB 18(IL) 500		(Storm Lake KMEG-14)	1827	KRIN 32 IA 395
2100	KRIN 32 IA 395	1100	KLJB 18(IL) 500		
2159	KDSM 17 IA 385	1129	KSNT 27 KS 540		
2215	KXNE 19 NE 320	1131	KPTM 42 NE 400		
27 tr 0923	KYFct 50 NE	1138	WRSpt 55 IL	<u>September 1990</u>	
0930	KSHB 41 MO 550	1143	unid channel 44	2 tr 0424	K15CE 15 MN 185
					(Redwood Fls KTMA-23)
				3 tr 0000	=KSIN 27 IA 300

Fred McCormack (continued)

DX from Minnetonka, Minnesota:

Equipment:

Sharp 19" color with bowtie (UHF) and dipole (VHF).

August 1990

15 tr 2202	WSAW 7 WI 185	29 tr 1029	KAWB 22 MN 115	31 tr 0501	@KCPT 19 MO 405
21 tr 0727	WHRM 20 WI 185	1030	K14AD 14 MN 80	0513	KSHB 41 MO 410
21 tr 1028	WHA 21 WI 235	(Willmar)	KSAX-42)	0526	@KCCW 12 MN 145
23 tr 1028	KDLH 3 MN 145	30 tr 2257	KYIN 24 IA 110	0532	@KJJB 18(IL) 290
24 tr 0020	@WLEF 36 WI 170	2332	KSPR 33 MO 535	0543	@K41AD 41 IA 110
28 tr 0659	KRIN 32 IA 195	0006	unid channel 17		(Lansing KYIN-24)
0727	KRWF 43 MN 105	0103	KGAN 2 IA 195	0557	+KDUB 40(WI) 215
0757	KSIN 27 IA 220	0128	unid ch 16 TBN	0730	KYFC 50 MO 410
0829	KAAL 6 MN 90	0155	KWWL 7 IA 190	0817	K60DS 60 MN 80
29 tr 0757	WKOW 27 WI 235	0210	KBJR 6(MN) 145		(Rochester TBN)
0829	WMTV 15 WI 235	0423	KDEB 27 MO 535		
	unid channel 39	0446	@KSNF 16 MO 545	<u>September 1990</u>	
	unid channel 47	0500	unid channel 38	1 tr 1000	WGBA 26 WI 270
			(Shopping)		

I was up much of the night on August 31st observing some quite remarkable conditions. Missouri signals were in essentially all through the night, although often a little rough on the bowtie! Other observations suggest, that the stations I logged may have been at the limit of that night's tropo extension, so a dish may have got me nothing additional; but it certainly would have improved the pictures.

Continued from Frank Merrill's report:

(By all means count KWQC-6 as two stations if you are in the custom of logging stations by transmitter site, but I don't believe you are. For purposes of WTFDA statistics reporting, multiple site loggings are not allowed. Even if one were to attempt to maintain a log book based on transmitter site; for many loggings, it would be almost impossible to be sure which site was observed. Auxiliary transmitter sites are not uncommon, but even more significant would be the many facility moves which take place during a given DX'er's career. Anyway, that's my opinion. fm)

To fill the page, here are some loggings from a second report received from Bill Draeb:

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

August 1990

22 tr 0748	CBCE 16 ON 270	24 tr 0504	@WZDX 54 AL 685	24 tr 1816	WKPC 15(IN) 430
	CBLFT23 16 ON270		WTVQ 36 KY 473		WXIX 19(OH) 400
	2013		WKYT 27 KY 473	1828	WZDX 54 AL 685
	KSAX 42 MN 385		WXMT 30 TN 585	1856	WGRB 34 KY 515
	Twin City U good		WCET 48 OH 400		WFLIt 53(GA)
	including ch 58	0520	WAFF 48 AL 685		WTCIt 45 TN
			(ID w/ NOAA wx )		W47AZ 47 IN 336
23 tr 0601	WDRB 41(IN) 437		WBMGT 42 AL		(Indianapolis VJN)
1805	WCET 48 OH 400		@WDRB 41(IN) 437		WKGB 53 KY 553
	WKGB 53 KY 553		WLKY 32(IN) 437	1906	WCVN 54 KY 407
	WKON 52 KY 437		WAAY 31 AL 685		WNEO 45 OH 405
	WKWJt 68 KY		1945	1936	WDSI 61 TN 650
	WUCS 35 MI 230		(Good sig- rare)	2104	WKLE 46 KY 473
	1953		HYMTt 57 KY		WPBO 42 OH 461
	WGRBt 34 KY		WLMTE 30 TN		WTSF 61(WV) 490
	WOSU 34 OH 395		0540	2117	WSFJ 51 OH 395
	WAFFt 48 AL		0821	2151	WTTE 28 OH 395
	2134		WNEO 45 OH 405	25 tr 0537	@KBSI 23 MO 512
	CBLN4 45 ON 305		0834		@WMTU 16 TN 625
	Rockford 33, 62,		0834		WTCt 27 IL 480
	and 68 177		WCLPt 18 GA		W34AY 34 IL 300
	2145		WZDXt 54 AL		(Champaign TBN)
	WEIU 51 IL 345		1816		WTTE 28 OH 395
	2153		WXIX 19(OH) 400		KDNL 30 MO 432
	2159		W54AR 54 WI 100		
	(Fence WPNE-38)				

(Continued next month)

# TV C.C.I.

## [UNIDENTIFIED DX]

John F. Combs (N4SFS)  
1308 Willow Branch #24  
Jacksonville FL 32205  
(904) 389-7451

OCTOBER 1990

OCTOBER 1990

**ITEM #1: THANKS FOR YOUR PATIENCE!** Contributions to the column picked up admirably after my plea (some referred to it as a tirade) was published. Shortly after starting this column, my venerable Commodore 64 bit the dust in an electrical storm, substantially delaying the completion of the column. I'm sure some of you who sent unIDs ages ago thought they were put in the circular file!

**ITEM #2: 'THE ART OF THE I.D.' WILL RETURN!** My computer problems, the number of unIDs submitted, and a general lack of time prevented another installment of this series from seeing print this month. Next column for sure!

**ITEM #3: A REMINDER...** Be sure to indicate whether your PTA (Probable Target Area) refers to a geographic area or an antenna heading. Either method is fine, but if you just say "NW" or "Northwest," we need to know if you mean the PTA is the Northwest U.S., or somewhere on a northwesterly heading from your QTH. It makes a difference, unless you live in Kansas or some other central state!

**ITEM #4: I'M SOOOO EMBARRASSED!** I have some unIDs, submitted in longhand on lined notebook paper, signed by "Jeff." Unfortunately, I have misplaced the envelope that went with the letter, so my question is: Jeff Who? Kadet? Wolf? Falconer? (Too many Jeffs in this club, hi!) It's a good idea to include your address in the body of your letter in case I do something stupid like this again!

\*\*\*\*\*

**Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401**  
Sat Jun 2 Es ch 2 2033 CDT --- "Lawrence Welk," probably PBS. PTA: both MA and FL in. (A January TVG checks negative for WPBT---jfc)

Sun Jun 3 Es ch 5 1132 CDT --- Odd TP: a few broad vertical stripes. PTA: SE U.S./Cuba??  
ch 2 2147 CDT --- "USWA Wrestling."  
ch 2 2233 CDT --- Item about artists in Westport Plaza; end news and into "Taxi" without a break or ID. (I've logged the same unID a couple of times; think it's in the Northeast---jfc)

Fri Jun 8 Tr ch 3 1847 CDT --- Ad: DEAN Oldsmobile Dealers.  
Mon Jun 25 Es ch 2 1821 CDT --- Slide: white square w/smaller black square within it, "itp" in lowercase white letters, rounded black style.



(See drawing...how long was the slide up, Chris?---jfc)  
ch 2 1943 CDT --- "Mama's Family." PTA: ?  
Mon Jul 2 Tr ch 16 0633 CDT --- Exercise pgm, not WTJR. PTA: N/NE heading.  
ch 29 1953 CDT --- "Mama's Family." Same PTA.

Thu Jul 5 Tr ch 3 2117 CDT --- "Wiseguy," apparently MDT? PTA: NW (More likely Es if an MDT stn, or could be a Canadian---jfc)

Sat Jul 7 Es ch 2 1430 CDT --- Interview show w/Atlanta urologist about book on impotence. PTA: SE U.S. Thought WSB, but they are ABC, and ABC bowling was in at this time. (I lack recent Atlanta TVGs, but seems like WSB pre-empto the network a lot. The ABC could have been WCBD or someone else---jfc)

Tue Jul 10 Es? ch 2 2131 CDT --- Ad: Dieter Wimmer for Noranda Forest. Scenes of men trekking over fields with snowshoes. Wimmer was an elderly man. Seemed to be during a break in the CBS All-Star BB game, but area CBS outlets didn't have it. Odd. PTA: SE through SW. (Could have been a regional ad, or a local break. Sounds like a ski resort ad, but in July?---jfc)

ch 2 2135 CDT --- Also odd. Elderly man seems (by means of clever editing) to interview Khadafy. This and last logging fluttered like Es, but possibly Tr. Same PTA. (This one sounds like the sort of thing they do on HBO's "Not Necessarily the News." Maybe both loggings are CATV leakage?---jfc)

Wed Jul 11 Es ch 2 2030 CDT --- ID seemed to be either CBCP or CKTV (alias CKCK). Alias, both calls check. The Bob Hope Special followed---was this carried by CBC or CTV?  
ch 2 2056 CDT --- Ad for Tucker Stores. PTA: N/NW heading.

**Jeff Kadet, P.O.B. 20, Macomb IL 61455**  
Tue Jun 26 Es ch 2 1435 CDT --- Mexican w/dual ID (visual) as XERP/XERPS or XERT/XERTS.

**Jim Renfrew, 61 Wilcox Street, Rochester NY 14607-3832**  
Sat Jun 2 Es ch 3 1245 EDT --- CBC French pgm "Le Vagabond." KFYR-5 in---CBWFT??

Sat Jun 9 Es ch 2 1145 EDT --- NBC cartoons, then "Lassie" at 1200.  
Wed Jun 20 Es ch 3 0928 EDT --- Local nx insert w/Art Jones. May be KBTX (in earlier) or a SD stn (mention Rapid City)

**Doug Allen, P.O.B. 5646, Woodland Park CO 80866**  
Sun May 27 Es ch 3 1059 MDT --- ABC stn w/ads for West Frankfort. (Definitely WSIL---jfc)  
Mon May 28 Es ch 4 1030 MDT --- Ad: Dixieland Dental.

(Don't touch that dial! More mysteries to be solved on the following page.....)

TV-CCI  
Matt Sittel, 220 Brookfield Dr., Kingsport TN 37663  
OCTOBER 1990

Thu May 24 Es ch 3 1902 EDT --- 3/4 color bars until 1903, then into SS program with a clown and puppets. Also seen 1904 Wed 5/30. PTA: Mexico.  
Mon May 28 Es ch 4 1830 EDT --- "Hard Copy." Strongly suspect WTVJ. (TVG negative---they have NBC News at 1830---jfc)

Tue May 29 Es ch 9 1958 EDT --- ABC "World News Tonight," but didn't end on the hour at 2000. Suspect KUSA. Can anyone confirm a 1930 EDT (1730 MDT) start for them on "World News Tonight?" KABY is not as likely, but is possible. (I think the East Coast ABC feed of WNT ran late due to Gorbachev's arrival, so all affiliates taking that feed live would have run over. A 1930 EDT start would mean a one-hour tape delay if KUSA takes that feed---jfc)

ch 6 2017 EDT --- PBS "Nightly Business Report." Suspect KRMA.  
Thu May 31 Es ch 7 2017 EDT --- CBS "48 Hours." Opening indicates either KAYS or KMGH. Does KMGH run "48 Hours" at 2000 EDT (1800 MDT)? NBA playoffs were on after "48 Hours" that evening, so did they run "48 Hours" before the playoffs, one hour before they normally would (ads say 7 P.M. Central/Mountain)? (Network affiliates on Mountain time have always had scheduling problems, and live sports or news events can really screw them up! It's entirely possible that they ran "48 Hours" live instead of on delay because of the Playoffs, which would be carried live coast-to-coast like all sporting events. Hopefully, Doug Allen or some other CO DXer can shed some light on these loggings---jfc)

ch 4 2130 EDT --- Weather warning for Beckham and Greer counties in OK. Who could that be: KAMR or KTVV (now KFOR)?  
Fri Jun 1 Es ch 6 1647 EDT --- "3rd Degree." Suspect KBSD.

Sun Jun 3 Es ch 6 1126 EDT --- "Children's Miracle Network Telethon" with phone numbers 1-800-460-KIDS and 774-3550. Suspect KCEN. (Directory Assistance confirms 774- as a valid exchange in Temple. A call to that number rings with no answer, so it is still a working number, and was not activated just for the Telethon. Try dialing it some time!---jfc)

Thu Jun 14 Es ch 4 1209 EDT --- "CMNT" as above, but with number 1-800-852-7131.  
Tue Jun 19 Es ch 3 2024 EDT --- "Magnum P.I." with tornado supered in lower right. KAMR?  
Mon Jun 25 Es ch 3 1902 EDT --- PBS "MacNeil-Lehrer," started at 2000. Suspect KENW.  
Wed Jul 4 Es ch 3 1030 EDT --- Local July 4th parade. Suspect KTVS. (A bit vague, Matt---any other details?---jfc)

Fri Jul 6 Es ch 2 2100 EDT --- "Carol and Company." PTA: Canada.  
ch 3 2306 EDT --- PBS "Evening at Pops." PTA: TX, NM. Likely KENW. (That would jibe as most PBS stns carry it at 2100 local---jfc)

Sat Jul 7 Es ch 3 1524 EDT --- "Little House on the Prairie." PTA: KS, OK, TX.  
Sun Jul 8 Es ch 6 1523 EDT --- End of movie with Burt Reynolds driving blond-haired woman in car. PTA: TX to MN, all was in. (Sure you weren't watching Burt and Loni's home videos?---jfc)

Wed Jul 11 Es ch 6 1747 EDT --- PBS "Mr. Roger's Neighborhood." KCNC strong, so KRMA??  
ch 4 1751 EDT --- "Gerald." PTA: CO, KS, NE, SD.  
ch 3 1757 EDT --- "Mr. Belvedere."  
ch 2 1957 EDT --- "Jeopardy!" Suspect WLBZ. PTA: New England, Maritimes.  
ch 2 1957 EDT --- PBS "MacNeil-Lehrer." Suspect WGBH.

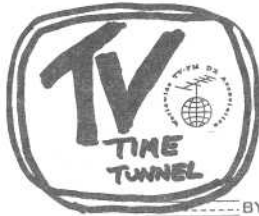
**Frank Merrill, P.O.B. 669, Macomb IL 61455**  
Tue Jun 5 Tr ch 40 1524 EDT --- "The Jetsons." Called WAXA and was told they've been off since 8/89. Called WWPB (may as well be thorough) and it's not them. Called WJSU (wrong offset, but right direction) and it's not them. Is Holly Springs MS 40z on? Is there a ch. 40 xltr in KY or TN? PTA: KY, TN, MS, AL (Xitrs check negative. Some stns run incorrect offset, and offsets can be misread, so don't rule out WDBD, WTWC as possibilities. WKPT also negative since they are relaying WRAL-5 at that time---jfc)

**John F. Combs, 1308 Willow Branch #24, Jacksonville FL 32205**  
From DUCK NC on the Outer Banks:  
Mon Jun 5 Tr ch 62 0907 EDT --- "Donahue." Direction makes WTZA the only likely suspect.  
ch 56 1713 EDT --- "Brady Bunch." WLVI likely, can anyone confirm? Roy?

From JACKSONVILLE:  
Fri Jul 6 Es ch 3 2315 EDT --- 2 PBS stns, one with "MacNeil-Lehrer," the other with "Hitchhiker's Guide to the Galaxy" (the first episode, wherein Arthur Dent's house is bulldozed). Is one of these KSWK?? PTA: Midwest.

Sat Jul 7 Es ch 6 1055 EDT --- ABC stn, zero offset, //East Coast feed. Narrow, stable opening with KMID-2, KENW-3, KACV-2 in steady and strong. Only real possibility is KVIO (ex-KAVE)---they are allocated a minus, but parent KVIA-7 is zero. Is KVIO zero, and are they //EDT stns at this time??

(Wow! We're outta space already! Keep those cards and letters coming in! Remember: try to limit submissions to higher-priority loggings! Give as much detail as you can...loggings with insufficient detail to attempt an ID will not be used. It's been real.....JOHN.



**SPECIAL NOTICE:** I taped highlights of the 1990 Convention in Manassas and would like to make copies available to anyone who wants them. It's not professional, but it's a good way to get the flavor of what took place. Just send a blank cassette and return postage OR \$5.00 (and I'll take care of both). Mail to me at the address below. Specify VHS or Beta II.

BY: TOM BRYANT/849 TODD PREIS DRIVE/NASHVILLE/TN/37221

**READER RESPONSE**

A few months ago I asked VUD readers for contributions for the 'Time Tunnel' column. As a result, you'll soon be sharing some of the input from fellow dxers. Such as a 1949 roster of stations in operation and under construction and a TV history of the Seattle/Tecoma market. The remainder of this month's column is a sketch of a fellow dxer. Although he claims to be a farmer, I suspect (after visiting with him at the convention) that the most important thing he raises on his Dixon, Illinois farm is ANTENNAS!

**MEET BILL ECKBERG**

**GEE...IT'S TV!:** Bill's first look at tv came in 1949 when locals WOC (5) [now KWQC/6] in Davenport, IA and WHBF (4) in Rock Island, IL came on the air. That experience took place in a drug store in Tampico, IL just about a half block from the birthplace of former President Ronald Reagan. At the age of 10 Bill was hooked on tv, but it wasn't until a couple years later that he discovered the marvels of E-skip.

**HI KID[S]:** After watching Howdy Doody, Hopalong Cassidy and Captain Video, another 'kid' show found its way to the Eckberg 19' Hallicrafter screen. KID-TV (3) from Idaho Falls! Then KFEL-TV (2) [now KWGN] Denver, KPRC-TV (2) Houston, and CBFT (2) Montreal popped up. In fact they were all coming in on the same day in June 1952! It was about this time that Bill discovered other dxers and joined the AIPA (American Ionospheric Propagation Association). Active dxers at the time were Brown of AR; Cooper and Smith of CA; Lupton and Rauch of IL; Bingham of MO; Collins, Sheaffer and Seybold of NY; Hill and Spaulding of OH; and Draeb in WI. When the AIPA disbanded in the early 60's, Bill lost interest in the hobby and was inactive for over 20 years.

**BACK IN BUSINESS:** About suppertime on May 24, 1983, long-dormant instincts prompted Eckberg to check the channels. In the next couple of hours he had logged KMID (2-TX) at 967 miles, KNXT (2-CA) at 1629 miles, KCKT (2-KS) at 537 miles and WCBS (2-NY) at 792 miles. Here are Bill's comments about those loggings. "This cannot be! Not with an antenna 15 ft. high in the attic! Double hop to California, Great Bend at only 537 miles, and New York City just 85 minutes later? I can't recall anyone watching TV from coast to coast within 85 minutes on the same channel. I was amazed, but didn't do any more dxing until the next spring."

**CELLULOID SURPRISES:** On April 6, 1984 Eckberg scooped in several good catches including YSR-TV (2) from San Salvador, El Salvador! He says, "I rushed to get my camera, which still contained the film from dxing 20 years previously. I was seconds too late to get a photo [of YSR] but surprisingly, when I developed the roll in the camera, it contained some of the best pictures I had ever taken."

**UP TO DATE:** After the two 'double-hop' experiences in 1983 and 1984, Bill was once again hooked on dxing. His numerous catches are well known to VUD readers. However he isn't able to get everything he'd like to see. For example, he says, "Six years (in 1990) and hundreds of Es loggings later, I have not identified another double hop station. I am also certain that I will never see coast-to-coast reception again either." In concluding his profile, Bill admits that perhaps the 'Great Spirit' [the DX god?] was determined that he be a TV dxer again! Whatever the reason we're glad he's back at it!

NEXT MONTH: Strange Bedfellows In Fargo!

**FM STATISTICS**

ALL-TIME FM DISTANCE RECORDS AS OF 09-16-1990

FM STATISTICS	AS OF 09-16-1990	FREQUENCY	STATE/LOCATION	DIST	DXER-LOC		
88.10 ES WCRP	PR GUYANA	2280	DBU-DR	88.10 TR	GUAGUATMALA	1047	MDA-FL
88.10 MS XTXT	TX LUBBOCK	1146	FME2DH	88.10 AU CBAF29	PE CHARLOTTETOWN	788	DNI-NY
88.30 ES WMTM	IM EVANVILLE	1876	JJE-CA	88.30 TR KBNR	TX BROWNVILLE	926	CHO1FL
88.30 TR KBNR	TX BROWNVILLE	926	CHO1FL	88.30 MS WRBH	LA NEW ORLEANS	1109	DNI-NY
88.30 AU WAER	NY SYRACUSE	670	ABO-IL	88.40 ES TGRT	GU GUATEMALA	1136	GHA-TX
88.50 ES WHCF	ME BANGOR	1955	PDY-TX	88.50 TR WMFF	FL TAMPA	984	PDY-TX
88.50 TR WMFF	FL TAMPA	984	PDY-TX	88.50 MS WFDD	NC WINSTON-SALEM	1161	GHA-TX
88.50 AU WAMU	DC WASHINGTON	932	JEB-MN	88.60 ES HILF	DR SANTA DOMINGO	1050	MDA-FL
88.70 ES KUHF	TX HOUSTON	2001	MNI-BC	88.70 TR HRLP	MONTECIGUALPA	1000	MDA-FL
88.70 TR HRLP	MONTECIGUALPA	1000	MDA-FL	88.70 MS WHR	MI MADISON	1080	GHA-TX
88.70 AU WHR	MI MADISON	1080	GHA-TX	88.70 MS WKES	IN CHATTANOOGA	868	GHA-TX
88.80 ES TGRT	GU GUATEMALA	1148	PDY-TX	88.80 TR TGRT	GU GUATEMALA	1047	MDA-FL
88.90 ES WSHA	NC RALEIGH	2069	FAD1ID	88.90 TR XHM	DF MEXICO CITY	1112	GHA-TX
88.90 TR XHM	DF MEXICO CITY	1112	GHA-TX	88.90 MS WKES	IN CHATTANOOGA	868	GHA-TX
88.90 AU WWSW	IN CHATTANOOGA	745	FMD-NY	89.00 ES YSR1	ES SAN SALVADOR	1246	PDY-TX
89.10 ES KFRE	WA RICHLAND	1620	PDY-TX	89.10 TR XHRA	JALGUARDALAJARA	1388	MDA-FL
89.10 TR XHRA	JALGUARDALAJARA	1388	MDA-FL	89.10 MS WBSM	LA NEW ORLEANS	1109	DNI-NY
89.10 MS WBSM	LA NEW ORLEANS	1109	DNI-NY	89.10 AU KJMU	KS WICHITA	654	RBB-MI
89.20 ES XEJT	TAMPICO	974	GHA2OK	89.30 ES WJLM	IL E NOLINE	1636	JJE2CA
89.30 ES WJLM	IL E NOLINE	1636	JJE2CA	89.30 TR WPCS	FL PENSACOLA	808	RBB-MI
89.30 TR WPCS	FL PENSACOLA	808	RBB-MI	89.30 MS WHKW	WI CHILTON	1168	GHA-TX
89.30 MS WHKW	WI CHILTON	1168	GHA-TX	89.30 AU WJAL	MN NORTHFIELD	1712	SCH-ON
89.30 AU WJAL	MN NORTHFIELD	1712	SCH-ON	89.40 ES TGD	GU GUATEMALA	1168	GHA-TX
89.40 ES TGD	GU GUATEMALA	1168	GHA-TX	89.50 ES WITF	PA HERSHEY	1451	PDY-TX
89.50 ES WITF	PA HERSHEY	1451	PDY-TX	89.50 TR KEWH	MN PORTALES	966	JAY-TN
89.50 TR KEWH	MN PORTALES	966	JAY-TN	89.50 MS KEAW	MN PORTALES	1072	AST-IM
89.50 MS KEAW	MN PORTALES	1072	AST-IM	89.50 AU WPKN	CT BRIDGEPORT	798	ABO-IL
89.60 ES TGDX	GU GUATEMALA	1136	GHA-TX	89.70 ES WUSF	FL TAMPA	2386	JJE2CA
89.70 ES WUSF	FL TAMPA	2386	JJE2CA	89.70 TR WNCU	FL MIAMI	1155	PDY-TX
89.70 TR WNCU	FL MIAMI	1155	PDY-TX	89.70 MS KGCC	TX DENNISON	1131	LVO-VX
89.70 MS KGCC	TX DENNISON	1131	LVO-VX	89.70 AU WGBH	MA BOSTON	914	ABO-IL
89.70 AU WGBH	MA BOSTON	914	ABO-IL	89.90 ES WFCT	FL JACKSONVILLE	1629	FMC-ND
89.90 ES WFCT	FL JACKSONVILLE	1629	FMC-ND	89.90 TR KBML	TX LAREDO	1032	CHO1FL
89.90 TR KBML	TX LAREDO	1032	CHO1FL	89.90 MS WJSA	WI BROUW	905	LVO-VX
89.90 MS WJSA	WI BROUW	905	LVO-VX	90.00 ES YSU	EL SAN SALVADOR	1233	GHA-TX
90.00 ES YSU	EL SAN SALVADOR	1233	GHA-TX	90.10 ES KCBX	CA SAN JUAN	1818	MDI-ND
90.10 ES KCBX	CA SAN JUAN	1818	MDI-ND	90.10 TR KPFT	TX HOUSTON	848	ICO-FL
90.10 TR KPFT	TX HOUSTON	848	ICO-FL	90.10 MS WMBI	IL CHICAGO	1063	GHA-TX
90.10 MS WMBI	IL CHICAGO	1063	GHA-TX	90.10 AU K5JR	MN COLLEGEVILLE	766	SCH-ON
90.10 AU K5JR	MN COLLEGEVILLE	766	SCH-ON	90.30 ES XHIS	BCNTIJUANA	2066	MDA-FL
90.30 ES XHIS	BCNTIJUANA	2066	MDA-FL	90.30 TR KKED	TX CORPUS CHRISTI	903	CHO1FL
90.30 TR KKED	TX CORPUS CHRISTI	903	CHO1FL	90.30 MS WHLA	WI HOLMEN	1091	GHA-TX
90.30 MS WHLA	WI HOLMEN	1091	GHA-TX	90.30 AU WBCI	IN FT WAYNE	704	FMC2ND
90.30 AU WBCI	IN FT WAYNE	704	FMC2ND	90.50 ES W5MC	TN COLLEGEVILLE	2057	JJE2CA
90.50 ES W5MC	TN COLLEGEVILLE	2057	JJE2CA	90.50 TR WKAR	MI E LANSING	931	AMO-LA
90.50 TR WKAR	MI E LANSING	931	AMO-LA	90.50 MS XKCW	MO MARYVILLE	985	FMD-NY
90.50 MS XKCW	MO MARYVILLE	985	FMD-NY	90.50 AU CBAA	NS HALIFAX	1026	FME2DH
90.50 AU CBAA	NS HALIFAX	1026	FME2DH	90.70 ES KMMU	MO ST LOUIS	1675	JJE2CA
90.70 ES KMMU	MO ST LOUIS	1675	JJE2CA	90.70 TR KUNO	NE OMAHA	902	DNI-MY
90.70 TR KUNO	NE OMAHA	902	DNI-MY	90.70 MS WMFL	FL V PALM BEACH	1130	DNI-WY
90.70 MS WMFL	FL V PALM BEACH	1130	DNI-WY	90.70 TR KDB	CA SANTA BARBARA	2400	SRE1HI
90.70 TR KDB	CA SANTA BARBARA	2400	SRE1HI	90.90 ES KOCW	MO WARRENSBURG	1534	JJE-CA
90.90 ES KOCW	MO WARRENSBURG	1534	JJE-CA	90.90 TR KUNJ	IA CEDAR FALLS	828	FMD-NY
90.90 TR KUNJ	IA CEDAR FALLS	828	FMD-NY	90.90 MS CBX	AT EDMONTON	1170	JJE2CA
90.90 MS CBX	AT EDMONTON	1170	JJE2CA	90.90 AU KUMI	IA CEDAR FALLS	589	FMC-ND
90.90 AU KUMI	IA CEDAR FALLS	589	FMC-ND	91.10 ES JBC-2	JAMCDOPEX'S HILL	1950	JPI-MN
91.10 ES JBC-2	JAMCDOPEX'S HILL	1950	JPI-MN	91.10 TR XETRA	BCNTIJUANA	2518	SRE1HI
91.10 TR XETRA	BCNTIJUANA	2518	SRE1HI	91.10 MS KSJN	MN ST PAUL	1123	GHA-TX
91.10 MS KSJN	MN ST PAUL	1123	GHA-TX	91.10 AU KSJN	MN ST PAUL	739	DNI-MY
91.10 AU KSJN	MN ST PAUL	739	DNI-MY	91.30 ES WJPR	PR SAN JUAN	1806	FMC-ND
91.30 ES WJPR	PR SAN JUAN	1806	FMC-ND	91.30 TR WTSH	FL MIAMI	1148	GHA-TX
91.30 TR WTSH	FL MIAMI	1148	GHA-TX	91.30 MS CKUA	AT DRUMHELLER	1055	JJE2CA
91.30 MS CKUA	AT DRUMHELLER	1055	JJE2CA	91.30 AU WCNY	NY SYRACUSE	530	RBB-MI
91.30 AU WCNY	NY SYRACUSE	530	RBB-MI	91.50 ES RJR	JAMORACABESSA	1950	JPI-MN
91.50 ES RJR	JAMORACABESSA	1950	JPI-MN	91.50 TR WFSU	FL TALLAHASSEE	861	PDY-TX
91.50 TR WFSU	FL TALLAHASSEE	861	PDY-TX	91.50 MS WMDH	WI SURING	1219	GHA-TX
91.50 MS WMDH	WI SURING	1219	GHA-TX	91.50 AU WRPI	NY TROY	512	FRE-MI
91.50 AU WRPI	NY TROY	512	FRE-MI	91.70 ES KRSW	MN WORTHINGTON	1457	JPI-MN
91.70 ES KRSW	MN WORTHINGTON	1457	JPI-MN	91.70 TR XJXL	MO MONTERREY	1101	CHO1FL
91.70 TR XJXL	MO MONTERREY	1101	CHO1FL	91.70 MS KOSU	OK STILLWATER	878	FMD-NY
91.70 MS KOSU	OK STILLWATER	878	FMD-NY	91.70 AU KRSW	MN WORTHINGTON	861	DNI-MY
91.70 AU KRSW	MN WORTHINGTON	861	DNI-MY	91.90 ES WSUJ	IL CARBONDALE	1748	JPI2CA
91.90 ES WSUJ	IL CARBONDALE	1748	JPI2CA	91.90 TR KBNJ	TX CORPUS CHRISTI	903	CHO1FL
91.90 TR KBNJ	TX CORPUS CHRISTI	903	CHO1FL	91.90 MS WHRM	WI WAUSAU	1012	WHO-LA
91.90 MS WHRM	WI WAUSAU	1012	WHO-LA	92.00 ES XEJB	TANCO VICTORIA	873	GHA2OK
92.00 ES XEJB	TANCO VICTORIA	873	GHA2OK	92.10 ES CAJZ	AT CALGARY	1765	DNI-NY
92.10 ES CAJZ	AT CALGARY	1765	DNI-NY	92.10 TR CKY	MB WIMPIEG	842	FRE-MI
92.10 TR CKY	MB WIMPIEG	842	FRE-MI	92.10 MS WJGA	GA JACKSON	929	SOR-IA
92.10 MS WJGA	GA JACKSON	929	SOR-IA	92.10 AU WYXE	WI SUN PRAIRIE	260	ABO-IL
92.10 AU WYXE	WI SUN PRAIRIE	260	ABO-IL	92.15 ES CABC	CU HABANA	1299	GHA2OK
92.15 ES CABC	CU HABANA	1299	GHA2OK	92.30 ES WDBD	FL ORLANDO	1743	FMC-ND
92.30 ES WDBD	FL ORLANDO	1743	FMC-ND	92.30 TR KFAC	CA LOS ANGELES	2474	SRE1HI
92.30 TR KFAC	CA LOS ANGELES	2474	SRE1HI	92.30 MS WKHL	AL MONTGOMERY	1064	JEB2RN
92.30 MS WKHL	AL MONTGOMERY	1064	JEB2RN	92.30 AU KLIO	OR PORTLAND	1017	FMC-ND
92.30 AU KLIO	OR PORTLAND	1017	FMC-ND	92.50 ES KPDX	MT HAVER	1541	GCO-WY
92.50 ES KPDX	MT HAVER	1541	GCO-WY	92.50 TR WFWY	FL KEY WEST	1089	PDY-TX
92.50 TR WFWY	FL KEY WEST	1089	PDY-TX	92.50 MS KAFM	TX DALLAS	1466	JJE-CA
92.50 MS KAFM	TX DALLAS	1466	JJE-CA	92.50 AU WMHE	OH TOLEDO	749	FMC2ND
92.50 AU WMHE	OH TOLEDO	749	FMC2ND	92.70 ES KJAZ	CA ALAMEDA	2388	MDA-FL
92.70 ES KJAZ	CA ALAMEDA	2388	MDA-FL	92.70 TR KJ8Z	TX LAREDO	1032	CHO1FL
92.70 TR KJ8Z	TX LAREDO	1032	CHO1FL	92.70 MS WJUX	WI WAUPACA	641	PSA-OM
92.70 MS WJUX	WI WAUPACA	641	PSA-OM	92.70 AU KBRX	NE O'NEILL	425	FMC-ND
92.70 AU KBRX	NE O'NEILL	425	FMC-ND	92.90 ES WSCD	MN DULUTH	1644	JJE-CA
92.90 ES WSCD	MN DULUTH	1644	JJE-CA	92.90 TR WBLV	AL MOBILE	891	MDI-ND
92.90 TR WBLV	AL MOBILE	891	MDI-ND	92.90 MS KITY	TX SAN ANTONIO	1251	CHO-OM
92.90 MS KITY	TX SAN ANTONIO	1251	CHO-OM	92.90 AU WMVY	VT BURLINGTON	841	ABO-IL
92.90 AU WMVY	VT BURLINGTON	841	ABO-IL	93.10 ES KARA	TX EL PASO	1818	MDI-ND
93.10 ES KARA	TX EL PASO	1818	MDI-ND	93.10 TR KQDD	CA LOS ANGELES	2474	SRE1HI
93.10 TR KQDD	CA LOS ANGELES	2474	SRE1HI	93.10 MS KBHB	SD SARGIS	1183	AMO-LA
93.10 MS KBHB	SD SARGIS	1183	AMO-LA	93.10 AU XHAA	TAMREYNOSA	766	SCH-ON
93.10 AU XHAA	TAMREYNOSA	766	SCH-ON	93.20 ES XHQO	MO MONTERREY	1285	RBB-MI
93.20 ES XHQO	MO MONTERREY	1285	RBB-MI	93.20 TR XHQO	MO MONTERREY	274	GHA-TX
93.20 TR XHQO	MO MONTERREY	274	GHA-TX	93.30 ES KLSI	MO KANSAS CITY	1482	JJE2CA
93.30 ES KLSI	MO KANSAS CITY	1482	JJE2CA	93.30 TR WFLA	FL TAMPA	984	PDY-TX
93.30 TR WFLA	FL TAMPA	984	PDY-TX	93.30 MS KYKR	TX PORT ARTHUR	1195	PSA-OM
93.30 MS KYKR	TX PORT ARTHUR	1195	PSA-OM	93.30 AU WBBW	OH YOUNGSTOWN	689	JEB-MN
93.30 AU WBBW	OH YOUNGSTOWN	689	JEB-MN	93.50 ES KLKC	KS PARSONS	1459	JJE2CA
93.50 ES KLKC	KS PARSONS	1459	JJE2CA	93.50 TR KRFG	MO GREENFIELD	623	FME2DH
93.50 TR KRFG	MO GREENFIELD	623	FME2DH	93.50 MS WHJT	MS CLINTON	937	PSA-OM
93.50 MS WHJT	MS CLINTON	937	PSA-OM	93.50 AU WLHM	MI DETROIT	541	JEB-MN
93.50 AU WLHM	MI DETROIT	541	JEB-MN	93.50 ES WJRD	PR FAJARDO	1998	ABO-IL
93.50 ES WJRD	PR FAJARDO	1998	ABO-IL	93.70 AU WLHM	MI NEW LODON	339	ABO-IL
93.70 AU WLHM	MI NEW LODON	339	ABO-IL	93.70 ES WJIT	PR SAN JUAN	2263	





# ANARC UPDATE

## THE FUTURE OF ANARC - AN EDITORIAL

(Note- the views expressed in this editorial are those of the author, and do not reflect the views of the WFDAA Executive Board or the club membership.)

The 1990 ANARC Convention is now history and there is an indication that it may be the last annual convention. ANARC as an organization no longer generates the interest or excitement that was so evident when I became WFDAA's ANARC Rep. At one time ANARC was involved in many areas of the DX Hobby. There were many fine and well attended conventions. Now a sponsor can not be found for the 1991 convention. In the past, ANARC has been actively involved in lobbying on legislation that affected our hobby. Now, while the challenges are now greater, can ANARC defend us?

What has caused ANARC's decline? ANARC has always been an organization that needed a strong involved leader. The years that Terry Colgan and Bob Horvitz led ANARC as Executive Secretary, the organization was active and involved. As a volunteer organization, it is hard to find such a leader, one who has the time, energy, expertise and connections.

ANARC has always had a problem with direction. It has been unable to focus in on its goals, who it should represent and how it should operate. Is ANARC an organization that oversees the operations, and the promotion of the radio DX Hobby Clubs? Does it represent all radio hobby listeners? Shortwave listeners? Shortwave DX'ers?

Is it time for ANARC to "pack it in"? The answer is NO! ANARC needs to define its direction. The primary purpose of ANARC is to oversee the Radio DX and listener clubs. It should publicize the activities of these clubs. It should advise clubs on how to deal with problems that all the clubs are now facing- declining memberships, rising costs, and putting out better club bulletins. Conventions should be showcases of the clubs and their activities. Included should be seminars for column editors, improving the operation of a club, and round robin discussions of common (and uncommon) problems faced by all clubs. The ANARC Newsletter could do more to spotlight the clubs by publishing noteworthy articles from each club bulletin.

The time is now for ANARC to review the organization's future. Failure to do so will lead to its demise.

## SPRACHMAN'S CORNER

Pop culture and radio: Have you heard the country music song by Lionel Cartwright called "I watched the world on my radio". In the song, he sings about listening to distant AM radio stations at night when he was a child. In the theatres, now playing is the movie "Pump Up the Volume" about a teenager who runs his own pirate radio station. (I think I'll wait until it is in the video stores.)

Speaking of pirate radio stations, Nassau County's pirate FM broadcasts were sporadic this summer. WFPF 91.9 Floral Park was the most consistent with broadcasts on Thursday and Sunday evenings. Then the operator of WFPF was busted by the FCC (again) in August. Since then all the pirates have been silent. I'm sure we haven't heard the last of WFPF!

We've done some travelling this summer. In May we spent a week in Southern Florida. We drove all over, from the Keys to Fort Myers to West Palm Beach. Our base was North Miami, where I got a detailed bandscan. I had one mystery station, what sounded like a pirate station on 91.7. The station never ID'ed. It played urban contemporary music and broadcast telephone calls over the music. They had plenty of phone callers. They were on the air each weeknight in the early evening. I could not find any listing of a station on 91.7 in Dade, Broward, or Palm Beach Counties. Anyone out there with any ideas?

I was surprised at the number of stations in the Florida Keys. The only one to make it to N Miami was WKLZ 102.1 Rock Harbor.

In August we spent a long muggy weekend in Cape Cod MA. The weather was perfect for Tropics. It did not take much to pick up WBQC-16 Salisbury MD on my cheap portable 5" B&W TV. What really surprised me was the fairly decent reception of WLNG 1600 Sag Harbor NY during the day.

This leads us to the East End Of Long Island. The deal between WJWB 107.1 Westhampton Beach and WBAB 102.3 Babylon fell through. Then the management concluded a secret agreement to simulcast WNEW-FM 102.7 New York. WJWB will insert local Ads.

(continued on page 6)

# guidelines for better uhf results

BY MARK MCCARTHY/LAKESHORE COMMUNICATIONS

Did you ever wonder why the UHF TV spectrum is the way it is now? DX targets aplenty populate the band, both strong and weak. Here is where you can find the 1 Kilowatt L.P.T.V.'s and 5000 Kilowatt "big stick" full service stations co-existing side by side. All are "fair game" for the DX enthusiast. There are some real challenges on this band! The history of the UHF TV band is interesting especially if you considered that it used to have -- and sometimes still has -- a bad name among the public. After so many years of business flops, poor quality TV tuners, bad word-of-mouth, overpowered or underpowered transmitters, etc., UHF has finally come into its own. Now most of the reason for the band's success is due to cable-TV -- cable systems usually can do a better job of receiving the UHF signal off the air in the first place, and then they can put it on a "primo" basic service VHF channel within their system.

DX'ers might be surprised to know that much of the F.C.C.'s current policies toward the "upstairs" band stems from a study they commissioned from Georgia Tech about ten years ago. In fact, the data from the study may have "paved the way" for the current L.P.T.V. boom. After all the years of flops in the 1960's and 70's, they wanted to know why people were still having trouble getting the signals. After all they had already mandated 'click' type UHF (DETENT) tuners, authorized full service effective radiation powers (E.R.P.'s) of up to 5000 Kilowatts, and the manufacturers promised tuners would improve with increasing use of lower noise figure devices such as Field Effect Transistors in the tuners. What Georgia Tech told the F.C.C. about UHF is still of great use to us as TV DX'ers. They actually went out and acquired antennas, lead-in, pre-amps, splitters, baluns and the like "off the shelf" and tested them. Their goal was to evaluate a random sample of UHF TV reception equipment and to do performance evaluations. What came out of this testing is what we are most interested in as DX'ers. Although a few of the companies whose products were evaluated will never admit it (the brand names involved were confidential, but were eventually made public), the results may have actually caused some manufacturers to pull some of their models off the market.

Some of the study's conclusions are pretty well obvious to us all. It said, for example, that UHF-only antennas average better gain than a VHF-UHF "combo" antennas (and outperform them in other specification areas such as horizontal-plane beam width, etc.). Aside from the obvious, here are the most important things that anyone -- from DX'er to just someone who wants better results for watching their off-air UHF stations -- should note:

1.) THE MOST IMPORTANT SPECIFICATION OF A PRE-AMP IS THAT OF ITS NOISE FIGURE. That is correct -- not gain. Gain is important to compensate for lead in line loss. In a UHF DX pre-amp it should average at least 20 db or higher (but beware as approaching 30 db in pre-amp gain increases cross modulations and overloads from moderate strong stations). But it is the noise figure of the mast mounted preamp that sets the "noise floor" of your signal reception system. All the gain in the world won't help at all unless the noise figure is sufficiently low. Even in this day and age of low-noise solid-state devices and narrower bandwidth (channels 14 through 69 coverage -- rather than 14 through 83 -- is now the standard) the best UHF tuners available on the market offer noise floor figures of not lower than about 9 db. Therefore, you need a preamp with a noise figure lower than that to see a real improvement on weak signals. You can buy MATV-type UHF mast-mount preamps with noise floor figures of around 1 db or lower. The WINEGARD PA-4975 or the BLONDER TONGUE CMAU series are your best bets with several other very good alternatives including HAMTRONICS LNS's that offer noise floors of 0.8 db. Some models for the experimenter offer even lower noise!

2.) THE PRE-AMP MUST BE MOUNTED AS CLOSE AS POSSIBLE TO THE ANTENNA TERMINALS IN ORDER TO PRODUCE THE BEST RESULTS. This is REAL important. Feedline -- no matter how good it is rated -- always produces loss. The more line between the antenna terminals and the input of the preamp, the less signal that gets to be amplified. A very weak DX signal may not have enough microvoltage to produce any thing recognizable through the pre-amp if it goes through five feet of line from antenna terminals to pre-amp. The same signal may be identifiable if it were to go thru only one foot of line before getting into the pre-amp. In short, the less loss from antenna to pre-amp results in the greater signal from preamp to TV set.

3.) THE FEEDLINE IS VERY IMPORTANT AND SHOULD BE AT LEAST RG6 COAX CABLE. The standard 75/ohm RG59 does not do well for the best weak signal action. Better than that (but considerable more costly) is the RG11 -- RG11 with stranded rather than solid center conductor is slightly better than the standard RG11. And best of all would be the 75 ohm cable-TV aluminum trunk line if you have a long run of 100 ft. or longer down a tower. Because of expense and increased degree of difficulty in working with trunk line not to mention exotic type connectors required RG11 or RG6 are your far better choices for home installations.

4.) BEWARE -- SOME BALUNS HAVE HIGH LOSS. The balun is a "necessary evil" when using coax cables because you need it to match your antenna terminals to coax when using the best available pre-amps, and then again at the 300/ohm terminals if your TV set has them. Georgia Tech found off the shelf baluns ranged from 0.3 db of loss insertion on UHF (best case) to 2.7 db (worst case). Two of the best baluns would insert only around 0.6 db into a UHF reception set-up -- but if you used the worst, you'd have a "whopping" 5.4 total balun insertion loss -- that's quite a big difference! The real bad news is that they found that there was often higher loss in the more expensive baluns and even a large variation (as much as 0.9 db) between different units of THE SAME MODEL! What it implied was quality control may not be good in this type of accessory and even worse it can mean that a \$2.00 balun can be better than a \$5.00 one!

Anyone further interested in this topic should refer to RADIO-ELECTRONICS magazine of July 1981 which carried the first in depth coverage of this study to identify the actual equipment models involved in the test. A more up to date test of a similar nature by an L.P.T.V. broadcasting professional association may take place in early 1991 pending the cooperation of an independent testing laboratory and another educational institution. If possible, I will submit a report on it in a future issue.

# PHOTO NEWS

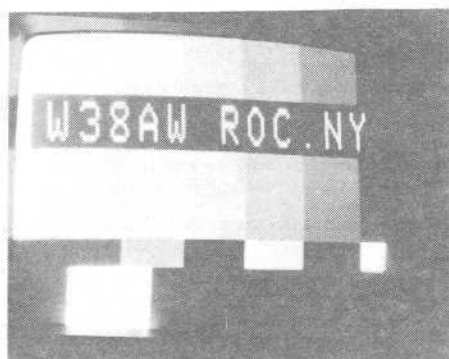
OCTOBER 1990

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 EDITED BY  
 David J. Nieman

Our first report is from Davy Neimen - Akron You Nork [zap cord] 1144000011 "Beemans" DX equipment is: RCA 19" b&w w/Teknika 6510 tuner, Channel Master (CM)3610B VHF at 16' AGL, CM 7' UHF dish w/Blonder-Tongue CMA-Lb preamp at 40' AGL using RG-11 coax for both antennae.

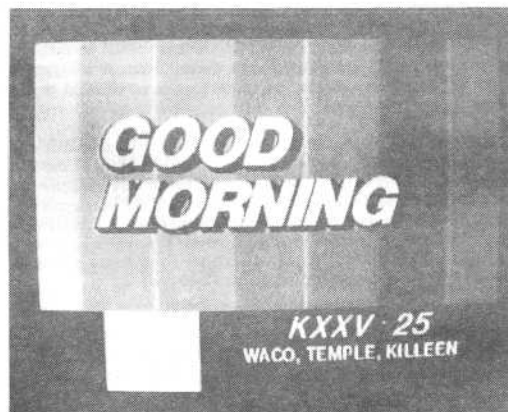


WGKI-33  
 Cadillac, Michigan  
 350 mile tropo  
 seen March 13, 1990  
 at 0921 EDST



W38AW  
 Rochester, New York  
 49 mile tropo  
 seen April 20, 1990  
 at 1244 EDST

Mike Hollis - Mary Esther, Florida TV DX equipment: JVC & Sanyo 19" televisions, Finco P-7 UHF dish, Channel Master 3617B for VHF turned by a Alliance HD-73 rotor on a 30 foot Rohm 25G tower. Mike uses preamps for both VHF/UHF reception.



KXXV-25  
 Waco,  
 Temple, Killeen,  
 Texas  
 660 mile tropo  
 seen April 30, 1990  
 at 0435 CDST

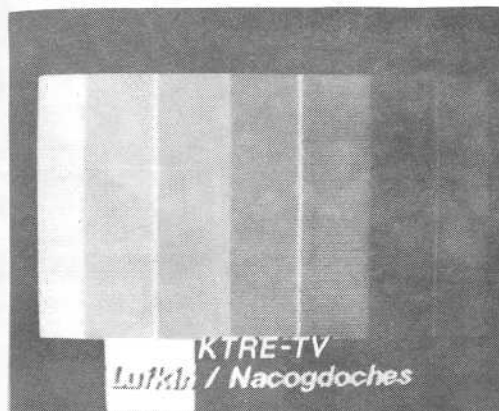
more from Mike on next page....

# PHOTO NEWS

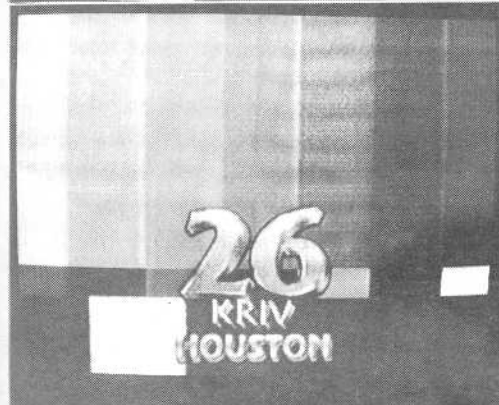
OCTOBER 1990 page 2

Photos submitted to PHOTO-NEWS become  
 the property of this column and will not  
 be returned.  
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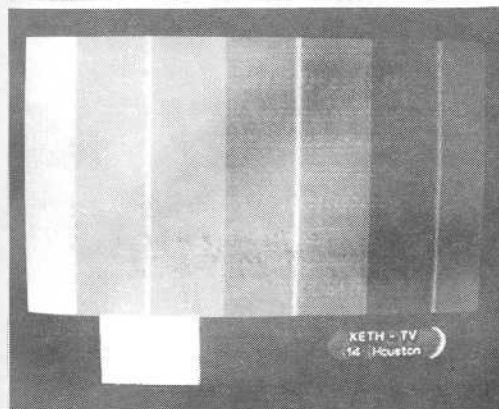
More from Mike Hollis....



KTRE-9  
 Lufkin, Nacogdoches,  
 Texas  
 500 mile tropo  
 seen April 30, 1990  
 at 0448 CDST



KRIV-26  
 Houston, Texas  
 530 mile tropo  
 seen April 30, 1990  
 at 0455 CDST



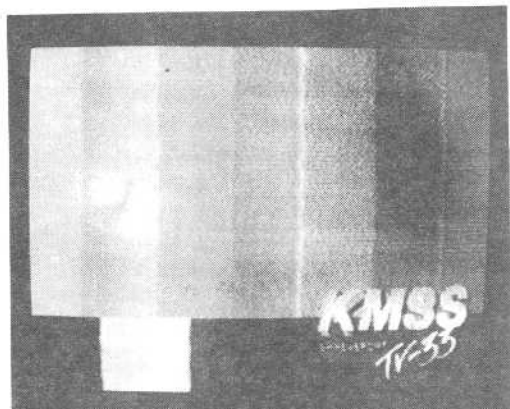
KETH-14  
 Houston, Texas  
 530 mile tropo  
 seen April 30, 1990  
 at 0500 CDST

the conclusion of Mike's photo file  
 coming up....

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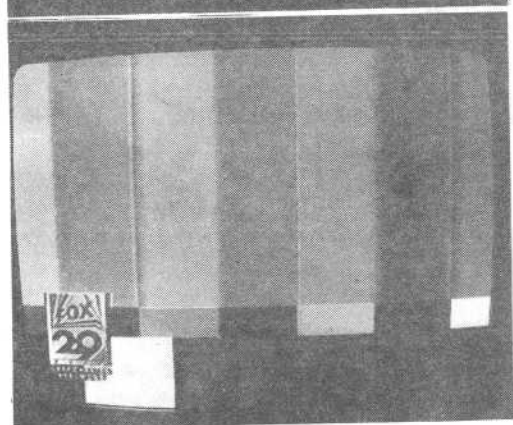
and now; the final fotos from fantastic Florida...



**KMSS-33**  
Shreveport, Louisiana  
460 mile tropo  
seen April 30, 1990  
at 0539 CDST



**KETK-56**  
Jacksonville, Texas  
530 mile tropo  
seen April 30, 1990  
at 0543 CDST



**KUHP-29**  
Lake Charles,  
Louisiana  
390 mile tropo  
seen May 3, 1990  
at 0555 CDST

Thanks Mike for your support of this column. Till next time.

DAVE

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