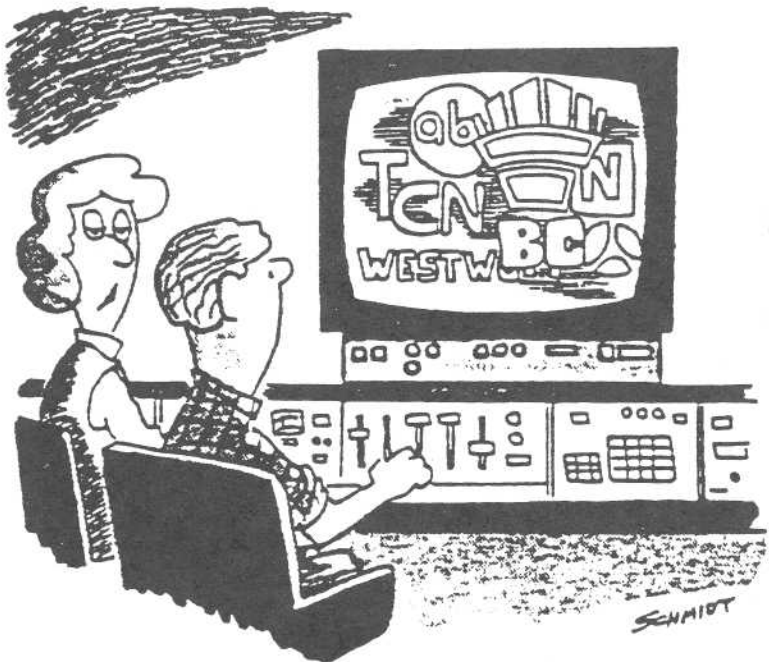


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 1996



*"It's not scrambled--that's our new logo after all the mergers."*

*Inside:*

▷1400-MILE+ VIRGINIA UHF SIGNALS SEEN IN MEXICO!

▷LOUSY WINTER WEATHER--BUT GREAT OFF-SEASON E-SKIP!

**Convention Winner: COLORADO**



WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.

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# WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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LAYOUT: BILL THOMPSON. COVER DESIGN BY: HARRY HAYES.

## FROM THE STAFF:

**RESULTS OF BALLOTING:** 24 valid ballots were returned with 19 favoring Estes Park, CO bid tendered by Jim Thomas and 5 favoring the North Georgia location submitted by John Broomall. Thanks to Jim and John for their willingness to host our annual event. A large percentage of the ballots came from members in the west and midwest. There was a respectable representation from the southeast, and a poor showing from the northeast. More detailed information will be published as convention time approaches. For the present, mark your calendars and make plans to be in Estes Park August 9-11.

**CHANGES AHEAD:** Editor/publisher Bill Thompson has been carrying more than his share of the WTFDA workload for a long time; and the Board of Directors is finalizing plans to re-distribute many of those responsibilities. Matt Sittel, "MAILBAG" editor, has agreed to assume the task of handling all club mail at a new address in Asheville, NC. This will include keeping the membership list current, forwarding inquiries to appropriate addresses, and sending dues payments to Dave Janowiak. The Buffalo post office box will remain active for an indefinite period of time, but will likely be phased out at some point. Full details will be announced in the next month or two. An offshoot of this will be the availability of a list of all club members by city and geographical designation. As additional personal information is cleared for release by each member, updates will include postal and e-mail addresses, fax numbers, web sites, and other pertinent data.

**STUDENT MEMBERSHIP RATE:** A majority of board members have approved the establishment of a special rate for WTFDA members who are bona fide students. Details will likely be published next month in this column.

**WTFDA WEB PAGE:** There's a lot of interest in this club project, and several members have offered to assist in preparation and maintenance of the web site. David Austin, who already has a dx-related site, is coordinating our efforts, and will be cooperating with an ANARC team involved in a similar project. See Ernie Wesolowski's "ANARC NEWS" elsewhere in this issue for more information.

# WTFDA Mailbox *February 1996*

Matthew C. Sittel  
110 Bear Creek Lane, Apt. A-4  
Asheville, NC 28806-1691  
76255.2171@CompuServe.com

## February, 1996 Renewals Due:

Marty Barvinchak, James A. Brown, Jr., John D. Buehler, Dan Cashin, Steven Cornell, Dan Dankert, Bill Dulmage, A. Hatfield, Harry J. Hayes, William R. Hepburn, J.B. Hiatt, William Higgs, Malcolm P. Hunt, Clay Jackson, Frank Luman, Victor McCoy, Frank Merrill, Russell Miller, Joe Perge, Alain Petri, Kurt Richardson, Dave Roberts, D. Reuben Saltzer, John Zeis.

## New on the 'Net:

Bill Nienajadly, Clifton NJ      103357.2563@CompuServe.com  
Joe Perge, Newark OH      jperge@infnet.com  
Jim Richardson, Estes Park CO      jimfun@aol.com

Greg Coniglio also wrote to say that the entry in the December 1995 VUD, page 6, WTFDA Internet List for John Jefferson should read John Johnson. If you have joined the Internet, drop me a line and I'll be happy to include your address above. And YES, you sure can submit Mailbox items via e-mail! In fact that's the easiest way for me! Don't forget if you've moved recently to share your new address with us. And if you just joined the VUD, welcome! Let us hear from you!

## \* John Adams, Seaside OR

I have a few comments to make to those "format malcontents":

1. IF YOU DON'T LIKE WHAT YOU HEAR, TURN THE DIAL!!! If you're forced to listen to a station you don't like at work, complain to your co-workers, or boss, or union, or find another job.
2. I doubt any radio station is going to change its format, or presentational techniques, or musical selections, or shut down entirely just because a faction of DXers decides they don't like it and state so over and over again in the VUD.
3. If the way some stations are programmed bothers you so much, maybe you should just get the heck out of the hobby. QUIT TORTURING YOURSELF! Or maybe you should start your own station (legally or otherwise), program it the way you want, and compete in the free market place.
4. At the risk of sounding like I'm advocating "free speech for me, but not for thee", or "political correctness", or whatever, I would like to urge Messrs. Coniglio and Buntin, and other editors, to edit out such comments from their respective columns... I should note that the level of mean-spiritedness in the VUD I've been discussing has dropped quite a lot... Let's hope this trend continues. (At least members aren't belly-aching about home shopping networks like they were a few years ago.)

\* Note: The content of this letter was edited. To all contributors: please remember that unkind remarks aimed directly towards another WTFDA member will NOT be published in this forum.

## \* Jim Dietrich, 1642 N. Baltimore Ave., Derby KS 67037

I'd like to report some relevant DX hardware news from the recent Microwave Update '95 conference held October 26-29 in Arlington, Texas. As part of the proceedings, on-site noise figure measurements were performed on approximately seventy-five low-noise receiving preamplifiers for

various microwave bands in order to make a direct comparison of noise performance. The competition was fierce, with many amps measuring less than 1dB. However, at the conclusion, the best reading was by an RDX Labs unit having recorded a 0.25 dB NF in the 900 MHz band located just above the UHF TV band.

The results of these independent, head-to-head measurements indicate the level of performance available to DXers with the RDX Labs amplifiers. For more information on them, watch upcoming VUDs for the newest product listing or drop me a SASE.

\* Doug Smith, 1385 Old Clarksville Pike, Pleasant View TN 37146-8098  
Internet: desmith@Telalink.Net -or- 72777.3143@Compuserve.com

Wow. Looks like Mailbox is off to a great start. Apathy may be rampant in society in general, but not in the WTFDA! Members not active on the Internet may not realize how much work our more active members have put into the club in 1995. Our Board of Directors (Tom Bryant, Greg Coniglio, Bruce Hall, Dave Janowiak, Bill Thompson) has been especially active & busy. Of course, my fellow column editors have also put a lot of work into keeping the VUD interesting and the club active. On the Internet side, Kurt Richardson, Saul Chernos, and Greg Coniglio deserve special mention for keeping everyone up to date on the latest openings and happenings. I'm also seeing a much-improved effort at landing new members.

Unfortunately, "translator abuse" has hit Nashville with a vengeance. The last week of December 1995 was a bad one... On Christmas Day, during the big skip opening, I stumbled across a big signal on 88.5, normally a relatively open channel here. Figured it was Texas - but on the hour, the ID was for WNKJ and its two brand new translators, W203AM Dickson (which is what I was listening to) and W266AB Providence, Kentucky. One of my best DX channels bites the dust... Five days later, I'm driving to Gallatin (another Nashville suburb) and listening to my favorite stations, WYYB-93.7/WRLG-94.1 (they simulcast). Pulling into town, I notice severe adjacent-channel interference & figure it must be skip. I tune to 93.9 - no, it isn't skip - WNAZ-89.1 has a translator in West Gallatin! If I were a modern rock fan in Sumner County, I'd either be bitching up a storm at the FCC or punching a hole in 93.9's coax! Seriously, WNAZ and WAYM-88.7 have translators in every town of consequence in central Tennessee. It's hit the point where they're not only making DXing difficult, but wiping out reception of stations non-DXers would otherwise want to listen to.

TV is doing a tad better - I've only gained two new locals in 1995. WJFB-66 returning to the air in October, first with the Weather Channel, later with Z-Music - the former informative, the latter at least watchable. Then, in mid-November WNAB-58 came on as a WB affiliate. This station is worth watching, they have some decent syndicated programming.

## CONGRATULATIONS!

...to WTFDA member Robert Kramer, who married Renee Elizabeth Runkle on November 11, 1995. On behalf of the WTFDA, we wish you a lifetime of happiness together!

Don't forget to share weddings, engagements, births, and other happy news with the WTFDA family! Also, please send any obituaries to Mailbox as well.

That's all for this month. Thanks to all the contributors this time!

73s Matt



# ANARC NEWS...

The Association of North American Radio Clubs

from your WTFDA  
ANARC representative  
Ernest J. Wesolowski

Let me take a moment to introduce myself. I have been in the WTFDA since 1993, and active in several radio clubs for many years. During the 1995 convention in Lake Placid, I was appointed to represent this club, filling the position held for quite some time by Stephen Sprachman who had resigned earlier in the year.

ANARC is comprised of 18 clubs, most of which are focused on medium wave and shortwave interests. A complete list of all ANARC member clubs is available for a SASE to ANARC, 2216 Burkey Drive, Wyomissing, PA 19610.

ANARC's goals are to promote the activity of dxing; and to support and assist in the organization and maintenance of dx clubs in general. Other stated purposes are to represent the interests of member dxers and dx clubs to equipment manufacturers, the government, the press, and the public at large. ANARC also strives to foster a sense of community among its' member clubs as well as to advance the relationship between dxers and those who transmit the signals.

The organization is governed by a three member Executive Board, with each member serving a two year term. There is also a treasurer and legal counsel.

Representatives of the clubs affiliated with ANARC conduct an annual award presentation to recognize dxers who have made significant contributions to their respective clubs and the dxing hobby in general.

A high priority on the ANARC agenda is establishment of a home page on the World Wide Web. This web site will contain information about the 18 participating clubs. Once the system is up and running, links will switch (or refer) visitors to home pages for member clubs, as well as personal pages and related areas of interest in the Internet realm. The WTFDA has evolved as a leader in this project, and is currently in the process of setting up a club page specifically designed for TV and FM dxers. Several WTFDA members have indicated an interest in contributing to the club's web site which is being developed by David Austin.

I will submit updates on ANARC activities as information becomes available. If you have any questions or suggestions, please write me at 13312 Westwood Lane, Omaha, NE 68144-3543.



# FM NEWS

## FEBRUARY 1996

editor- GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIMASVILLE, NEW YORK 14221  
e-mail: coniglio@geog.buffalo.edu  
TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:  
M Street Journal - P.O. Box 2108- New York, NY 10159  
PHONE (212) 473-4668, FAX (212) 473-4626

**KEY:**  
& satellite programming  
AF: new freq. allocation **accepted** for filing for a new FM license  
CC: call change/new calls assigned  
CL: city of license change granted  
CO: new xmtr co-ordinates  
CX: a CP has expired, and is cancelled  
C1, C2, etc: change in class status  
DA: directional antenna  
DE: calls **deleted**, license returned to FCC  
FC: station format change

GA: **granted amendment** to table of FM allocations  
GE: station was **granted extension** of a CP  
GX: **granted replacement** of expired CP  
LC: filed for license to cover (for new stn.)  
MC: multiple-city legal ID  
NC: **no change** yet, on a reported pending grant/change.  
ND: non-directional  
NO: station is **not on the air**  
NS: a **new station** granted a license  
OSA: one-step application  
NW: **new station** signs on the air  
PA: **proposed amendment** to change table of allocations  
PC>: a **power change** (increase)

PC<: a **power change** (decrease)  
PG>: **power change granted** (increase)  
PG<: **power change granted** (decrease)  
QC: **frequency change** for this station  
QG: **frequency change granted**  
RA: **station returns** to the air  
RE: **station requests extension** of a CP  
RX: **station requests re-instatement** of an expired CP  
SG: **slogan change** or update  
SI: **station is silent**  
XA: **dismissed amendment** to the table of FM allocations  
XC: station changes xmtr site  
XG: station granted a transmitter (xmtr) site change



## UNITED STATES

### ALABAMA:

Attalla: WKXX102.9 adds Mobay  
Carrollton: WALN 89.3 NW, cont. Christian // WAFR Tupelo  
Chickasaw: WDLT 98.3 adds Tom Joyner's show  
Montgomery: WBAM98.9 GA: to class C1  
Sheffield: WAKD 89.9 NW, cont. Christian // WAFR Tupelo  
Warrior: WLBI 98.7 GA: to class C1

### ALASKA:

Houston: \*NS 92.1 6 kW, 262 feet  
McCarthy: KXKM 89.7 PG>102w(h), XG: 61-24-56 / 143-01-22

### ARIZONA:

Eagar: KTHQ 92.5 NW, "CD Country" (&)  
Nogales: KNOG 91.1 NO-RE  
Parker: KWFH 90.1 PC>460w., -184 ft, XC: 34-08-53 / 114-16-44  
Seligman: KJJJ 103.3 CC (ex KZKE), FC to smooth jazz-&

Wickenburg: KBSZ 93.7 OG for 94.1 - C3, 6.4 kW, 646', DA  
Williams: KVTF 96.7 NO-GX (3rd)

### ARKANSAS:

Augusta: KABK 97.7 RA to AC // KPIK 101.5 early 1996 PC> 27.9 kW, 649 feet  
Camden: KAMD 97.1 FC to WW1 adult cont. (&)  
Fayetteville: KBHG 89.3 NO-CX-DE  
Hamburg: KHMB 99.5 LC  
Jacksonville: KDDK 100.3 PG> 82.9 kW  
Marianna: KAKJ 105.3 LC

### CALIFORNIA:

Dunsmuir: KZRO 100.1 NO-GE, PC> 12.5 kW, 213 ft.  
Ferndale: KAJK 99.3 NC to 99.1, 6 kW, RE  
Hollister: KAXT 93.5 inc. to 2296 ft.  
Orland: KDIG 106.7 PG> 50 kW, 308', XG: 39-53-16 / 122-37-38  
Quincy: KSPY 100.3 NO-RE (6th)

### California:

Red Bluff: KALF 95.7 XC: 39-55-02 / 122-40-10  
Sebastopol: KJZY 93.7 LC  
Victorville: KXRD 89.5 waiver of main studio rule

### COLORADO:

Glenwood Sps: KMTS99.1 adds SMN Country (&)

### FLORIDA:

Englewood: \*NS 105.9 3 kW, 328 ft.  
Ft. Pierce: WCLB 95.5 CC (ex WOVV)  
Homestead: WRGP 88.1 CC (NS)  
Homestead: WXDJ 95.7 GA: to class C2 @ N. Miami Beach  
Indian town: WPBZ103.1 PG< 13 kW, 974', XG: 27-01-32 / 80-10-43  
Inverness: WJUF 90.1 NW, info/class/jazz // WUFT 89.1  
Live Oak: WLVO106.1 NO-GE (5th)  
Ormond-By-The-Sea: WNDB 95.7 LC  
Panama City: WFSW89.1 NO-RE (3rd)  
Pennisco: WFHQ 88.3 NO-GX, PG> 6 kW(v), XG: 25-52-24 / 80-28-59  
Vero Beach: WAQJ90.5 NO-CX-DE

### GEORGIA:

Brunswick: WWRD100.7 FC to classic hits "Arrow"  
Chauncey: WQIL 101.3 NW, southern Gospel  
St. Simons Is: WVVV92.7 CC (ex WMOG)

### HAWAII:

Kaneohe: KBLZ 104.3 NO-GE (5th)  
Kekaha: KAUI 103.3 NO-RE (5th)

### ILLINOIS:

Golconda: WDXR 94.3 FC to SMN oldies (&) "Kool"  
Pickneyville: WCCZ104.3 CC (ex WAIL)  
Rantoul: WQOB 96.1 CC (ex WLTM)  
Tuscola: WEBX 93.5 CC (ex WKTW), RA with modern rock "The Web"

### INDIANA:

Indianapolis: WICR 88.7 PG> 5 kW (h), class B  
Indianapolis: WJEL 89.3 PG> 1kW (v), 125w(h), 115 ft.  
Richmond: WFMG101.3 PG< 44 kW, 528 ft, XG: 39-49-41 / 84-55-57  
Terre Haute: WCRT88.5 PC> 1050 w., 321 ft.  
Walton: WFRR 92.7 NW, religion // WFRN 104.7 Elkhart

## FM NEWS

### IOWA:

Atlantic: \*\*\* 95.7 GA for class C3  
Muscatine: KWCC 93.1 CC (NS)  
Onawa: KOLK 102.3 LC  
Spencer: KIGL 104.9 PG> 25 kW, 279 ft, class C3 XG: 43-17-13 / 95-08-34

### KANSAS:

Andover: KDGS 93.9 CC (ex KDLE)  
Belle Plaine: KANR 92.7 CC (ex KSNS), FC to news (&)  
Herington: WDMW 96.3 NO-GE (5th)  
Independence: K220FN 91.9 NS-250w // WAFR88.3 Tupelo, MS

### KENTUCKY:

Hyden: WZQQ 97.9 adds Jones AC (&)  
Richmond: WLRO101.5 CC (ex WMCQ)

### LOUISIANA:

Jonesboro: KTOC 104.9 NC to 8kW, GE (3rd)

### MAINE:

Bangor: WHCF 88.5 PC< 35 kW, 1620 ft, ND  
Caribou: WCXU 97.7 PC> 20 kW, 318 ft, class C3  
Lewiston: WTHT 107.5 PG> 91 kW, 928 ft, XG: 44-00-12 / 70-25-24

### MARYLAND:

Cambridge: WCEM106.3 PC> 6 kW, 325 ft, DA

### MASSACHUSETTS:

Lowell: WQAZ 99.5 CC (ex WSSH), FC to smooth jazz

### MICHIGAN:

Bronson: WCVM 94.7 NO-GE (2nd)  
Charlevoix: WKHQ105.9 dec. 892ft. XG: 45-10-49/85-05-50  
Detroit: WDET 101.9 PG< 48 kW, 555 ft, XG: 42-21-06 / 83-03-48

Detroit: WLLZ 98.7 FC to smooth jazz "V 98.7"

Mariette: WBGV 92.5 NO-RE (5th)  
Menominee: WHYB103.7 QC from 103.9, class C3, PC> 7010 watts, 298 ft.

Portage: WFAT 96.5 PC> 3.6 kW, 259 ft.

### MINNESOTA:

Springfield: KAKU 90.1 LC  
Two Harbors: WRSR104.3NW, smooth jazz (&)

### MISSISSIPPI:

Lexington: WYJS 106.3 CC (ex WLTD)  
Poplarville: WZKX 107.9 GA: to Cl. of Bay St. Louis, MS  
Tupelo: WZLQ 98.5 FC for removing horizontal pol. 981 ft, XG: 34-10-05 / 89-09-23

### MISSOURI:

De Soto: KDJR 100.1 adds Branson Country (&)  
Springfield: KAKU 90.1 NW, cont. Christian // WAFR MS  
Versailles: KTKS 95.3 GA: to class C3

### MONTANA:

Kalispell: KUKL 89.9 CC (NS)  
Sidney: KTHC 95.1 dec. to 748 ft.

### NEVADA:

Pahrump: KFBI 107.5 dec. to 3729 ft.  
Reno: KRNV 101.7 PC> 11 kW, 492 ft, DA

### NEW JERSEY:

Atlantic City: WAJM 88.9 NO-RE  
Newark: TIS 105.7 Avis Rental (Newark Airport)  
Paterson: WPAT 93.1 one rumor has this going Spanish

### NEW MEXICO:

Taos: \*NS 99.9 10 kW, 2768 ft.

### NEW YORK:

Clyde: WLLW 93.7 CC (ex WECQ), NW classic rock (&), SG "The Wall"  
Frankfort: WKLL 94.9 PG< 34 kW, 567', XG: 43-08-40 / 75-10-32  
New York: WBS107.5 SG "Power 107.5"  
Rome: WSKS102.5 CC (ex WKDY)

## FEBRUARY 1996

### NORTH CAROLINA:

Rocky Mount: WSAY98.5 PC> 15982w, 410 ft, class C3  
Winston-Salem: WTOP 104.1 inc. to 1453 ft.

### NORTH DAKOTA:

Bismarck: KYYY 92.9 FC to SMN hot AC (&) in January

### OHIO:

Akron: WZIP 88.1 GX CP for 7500w, 827 ft.  
Ashtabula: WUFP 98.3 NO-CX-DE  
Belpre: WMBP 91.7 OG to 91.9, 4.5 kW, 325 ft  
Columbus: WJZA 107.5 NW, urban AC (January)  
Richwood: WZJZ 104.3 NW, smooth jazz (Cincinnati)  
Thompson: \*NS 89.1 11 kW, 489 ft.

### OKLAHOMA:

Ada: KTLS 93.3 PA: to class C1, CL: Newcastle, OK  
Lawton: KBZQ 99.5 PC> 16 kW, 338 ft, XC: 34-35-31 / 98-32-55  
Perry: KVCS 105.1 CC (ex KASR), FC to 70's (&)  
Watonga: KIMY 93.5 PA: to 93.9 class A

### OREGON:

Cave Jct: KCNA 102.7 PG< 50.7 kW, 1983', XG: 42-15-29 / 123-39-32  
Klamath Falls: KSKF90.9 NC to 6.5 kW(h), 2kW(v), GX  
Nyssa: KGZH 97.9 NW, noted on testing

### PENNSYLVANIA:

Renovo: WXKW 93.1 OG for 106.9, 650w 695', XG: 41-18-19 / 77-44-45

### SOUTH CAROLINA:

Socastee: WMYB 99.5 NW, country (Myrtle Beach)

### TENNESSEE:

Clinton: WDVX 89.9 NO-RX (2nd)  
Dickson: W230AM88.5NW, WNKJ 89.3 Hopkinsville, KY  
Jackson: WAMP 88.1 NW, cont. Christian // WAFR-MS  
Kingsport: WQOR 88.3 CC (ex WPGB)  
Memphis: KJMS 101.1 adds Tom Joyner show  
Murfreesboro: WRMX96.3 NC to 52 kW, 1268' GE (2nd)

### TEXAS:

Benavides: KXTM 107.7 NO-GE  
Bryan: KXBK 89.9 granted waiver of main studio rule  
College Stn: KTSR 92.1 NC to 107.3, 25 kW, GE (5th)  
Crystal Bch: KSTB 101.5 CC (ex KTKX), NW, adult con.  
Goliad: KHMC 95.9 LC  
Granbury: KMRT 106.7 CC (ex KCKK), FC to regional Mexican // KMRT 1480 Dallas

Idealou: KRBL 105.7 PG< 5.5 kW, 341 ft, XG: 33-39-47 / 101-35-52

Junction: KAHQ 93.5 NO-GX  
Navasota: KMBV 92.5 FC to Jones soft AC (&)  
Temple: KLTD 101.7 NW, cont. Christian (&)  
Winona: \*\*\* 102.7 GA for class A

### UTAH:

Richfield: KKWZ 93.7 NC to 41,720w, 2883', RE (7th)

### VIRGINIA:

Mt. Jackson: WSIG 96.9 adds "CD Country" (&)

### WASHINGTON:

Ormak: K213CA90.5 NS-1w: KGTS 91.3 College Place  
Royal City: KRCW 96.3 NW, Spanish // KDNA 91.9 Yakima  
Wenatchee: \*NS 89.9 6 kW, 1222 ft.

### WEST VIRGINIA:

Fisher: WJBQ 103.7 CC (ex WAEE)  
Pocatalico: WRVZ 98.7 PG< 630w, 617 ft, XG: 38-23-53 / 81-41-06

### WISCONSIN:

Eau Claire: WUEC 89.7 NC to 5200w, GE  
Trempealeau: WKBH105.5 PC> 2.1 kW

## FM NEWS

### WYOMING:

Buffalo: KLG 92.9 OC from 92.7  
Casper: KMGW 94.5 FC to SMN AC "Star 94" (&)

### U.S. TERRITORIES:

#### PUERTORICO:

Aguadilla: WIVA 100.3 PC > 22 kW, 2014 feet

### VIRGIN ISLANDS:

### CANADA:

#### BRITISH COLUMBIA:

Cranbrook: CKKR 104.3 NW, country  
Victoria: CIOC 98.5 CC (ex CFMS), "Ocean"

\* A very short column this month, thanks to the U.S. Federal Government shutdown bringing to a halt activities at the FCC...

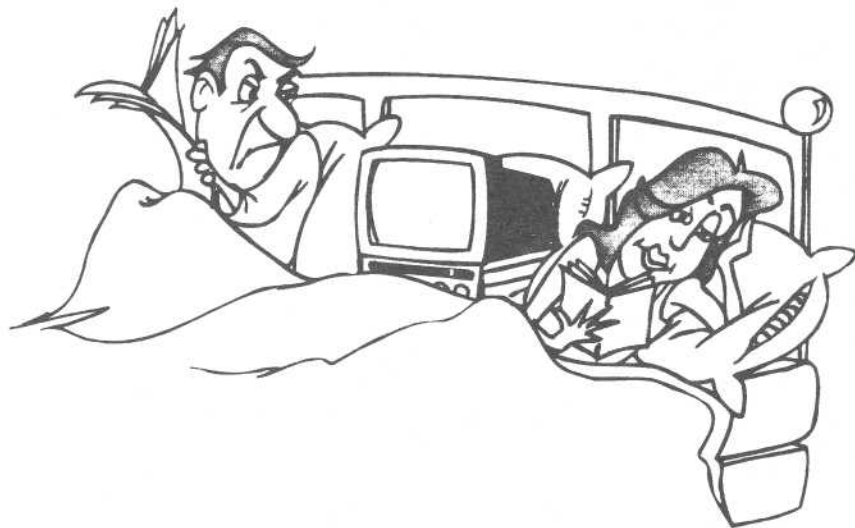
\* Note the new M Street address. A newer, physical address will also be available soon, as they are relocating. Thanks to everyone who has helped out with tips for this column!

FEBRUARY 1996

\* Dave Markson wrote with a summary of what can be heard on SCA around Boston... Thanks, Dave, for the update!

STATION	67 khz	92 khz
WERS 88.9	talk	
WGBH 89.7	data	
WBUR 90.9	foreign lang.	foreign lang.
WJUL 91.5	talk	data
WXRV 92.5		data
WBOS 92.9	data	
WNHI 93.3		data
WEGO 93.7	music-EZ	music-AC
WJMN 94.5		data
WHRB 95.3	foreign lang.	music-AC
WZID 95.7		music-AC
WSRS 96.1	data	
WBCS 96.9	data	
WBMX 98.5	data	data
WSSH 99.5	data	
WZLX 100.7		data
WCRB 102.5	music-EZ	music-AC
WODS 103.3	data	
WKLB 105.7	data	data
WMJX 106.7	data	
WXKS 107.9	data	foreign lang.

toons by OLD WEST GRAPHICS



"You want to dx, dear?... there, dx."

## TV News

Doug Smith  
1385 Old Clarksville  
Pleasant View, TN  
37146-8098

Abbreviations used in this column:  
ERP= Effective Radiated Power in kW  
HAAT=Height Above Avg. Terrain  
nc= no change  
TL= Tower Location  
CP= Construction Permit  
Pr= Province (of Canada)  
\*= Non-commercial  
CRTC=Canadian Radio-Television Commission  
DBS= Direct Broadcast Sat.  
SS:= Spanish language  
LPRT=Low Power Relay Transmitter (Canada)  
TBD= To Be Determined

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AB	3	6.5	nc	CBKFT2	Prince Albert

(was 13kW)

## NEW STATIONS ON THE AIR

Reno, NV: KRXI-11z:  
170kW/856m; 39°35'25"/119°55'40"  
near Black Springs.  
Fox affiliate. (replacing KAME-21 which is now UPN)

## NETWORK CHANGES

Station	Was	Now
WJSU-40 Anniston	C	A
WNAL-44 Gadsden	A	F
KSTV-57 Ventura	Gala	W
WATC-57 Atlanta	new rel	
WGXA-24 Macon	A	F
WPGA-58 Perry, GA	FU	AU
KHNL-13 Honolulu	F	N
KHON-2 Honolulu	N	F
WGNO-26 New Orleans	W	A
WNOL-38 New Orleans	F	W
WVUE-8 New Orleans	A	F
K05JQ Branson, MO	ind.	U
K15CZ Springfield	ind.	U
KSVI-6 Billings	AF	AFU
WFLR-22 Raleigh	F	?
WRMZ-50 Raleigh	W	F
KAME-21 Reno	F	U
KRXI-11 Reno	-	F
WUTR-20 Utica	A	AU

WTTI-50 Watertown	AF	AFU
WLYH-15 Lebanon	C	U
WLTX-19 Columbia SC	C	CU
WYHB-39 Chattanooga	-	W
WTVZ-33 Norfolk	F	?
WVBT-43 Virginia Bch	W	F

With the large number of stations affiliated with more than one network, I'm finding it necessary to abbreviate networks. Here's the list:

A	ABC	T	TBN
C	CBS	U	UPN
F	Fox	X	CTV
N	NBC	Y	CBC
P	PBS	Z	SRC
W	WB		

I suspect much of this month's information is old news, but maybe well worth repeating...

WYHB-39 is a LPTV.

Gala is the Galavision Spanish-language network; KSTV has gone English.

The WNAL change undoes a previous change. WJSU-40, not WNAL-44, will become the ABC affiliate for Birmingham. In Atlanta, WATC-57 isn't yet on the air but is expected on in early 1996.

## CALL CHANGES

Station	Now
K65BP Santa Barbara	KWHY-LP
WVEU-69 Atlanta	WUPA-69
W56CC Florence, SC	WEYB-LP

KWHY-LP relays KWHY-22 Los Angeles. WEYB-LP is a Fox affiliate.

## OTHER STUFF

This is certainly the smallest TV News in at least two years... for good reason. The FCC has been open for one day since I wrote the January column. (and consulting engineers who work with the Commission say many employees took accumulated vacation on that one day...) The FCC hasn't released any technical changes since last month. In Canada, the CRTC has been much more active, but FM and satellite activities have occupied most of their attention.

While it isn't totally final, it looks like Congress and President Clinton have agreed on most of a new telecommunications bill. The major parts of this bill would allow cable-TV companies to provide local telephone service, and local tele-

phone companies to offer cable TV. But relaxation of multiple-ownership regulations for broadcasters is another major part of the bill.

As-it stands, one firm can own up to 12 stations, or stations reaching 25% of all households, whichever comes first. No two stations may be owned in the same city.

Under the new law, the 12-station limit would be repealed entirely, and the 25% figure changed to 35%. The FCC would be required to consider relaxing or repealing the one-station-to-a-city regulation.

Theoretically, it's contrary to FCC regulations for one firm to own radio and TV stations in the same city. However, the Commission frequently waives this regulation. The communications bill would relax these restrictions in the 50 biggest markets. And, a rule prohibiting one firm from operating two TV networks would be relaxed. One network could build a second network, but would not be allowed to buy an existing one. Remember that the legal definition of a "network" is very different from the common definition. Right now, ABC, CBS, and NBC are the only three "networks".

Action on the bill is expected by early February.

## FORUM

### John Broomall, Atlanta GA:

By the time you read this, John expects new WATC-57 to be on the air. WATC is to be an independent religious station. It'll be the only full-power station broadcasting from Sweat Mtn. near Roswell, with 1700kW. There are three LPTVs here, W20AU (dark), W55BM (TBN // WHSG-63), and W67CI. (Telemundo)

WATC is a non-commercial station, one of a handful of such stations that aren't PBS-affiliated. I know of three other religious non-PBS non-commercial stations (KRMT-41 Denver, KLUJ-44 Harlingen, Texas, and KETH-14 Houston), and two secular stations. (KBDI-12 Broomfield, Colorado and KMTP-32 San Francisco)

John presents a rare chance to make some money by DXing! WATC is offering a chance for a prize to anyone outside Georgia who submits

a valid reception report in the station's first 57 days on the air. Send your reports to:

John Broomall  
799 Santa Fe Trail  
Woodstock, GA 30189

Only one report per household, please.

John is behind the WVEU=>WUPA report. He says the station plans to move its transmitter to One Peachtree Center, and increase power.

Bud Paxson is creating a duopoly in the Atlanta area. He's purchased WNGM-34 Athens, which will be paired with his WTLK-14 Rome. One station will carry his IN infomercial network, while the other will be WorshipNet religious. Which will do which hasn't yet been decided. The future fate of WTLK translator W34AG Rome is unknown, but their W66BA Dalton has already gone permanently dark.

In nearby South Carolina, WGG5-16 has installed a "20 watt LPTV STL" at Epworth, SC to relay their signal to W36BM Augusta, GA. John says these STLs are separately licensed and are secondary to any broadcaster. (including LPTVs)

The Epworth STL operates on channel 62. This is not to be confused with full-license (but low-power) WASV-TV 62 Asheville, NC which also relays WGG5. John asks, "Has anyone logged a UHF STL link?" Good question. I know now-dark W05BD Madison had one on channel 65, but despite many attempts I never saw it.

### Greg Coniglio, Williamsville NY:

A network change is pending in the Buffalo area. An item in the Buffalo News indicates a move to establish a WB affiliate in that market. Religious station WNYB-49 and dark WTJA-26 Jamestown have requested FCC approval to swap transmitters. Channel 49 would become a WB affiliate, while 26 would return to the air as a religious station.

The paper quoted current WNYB General Manager as saying he didn't know how wide an area channel 26 is capable of serving. Greg's response: "He is in for an unpleasant surprise!"

WTJA is currently authorized for 661kW at 180m HAAT. That's a bunch more than a "four-letter

### (Forum, Greg Coniglio, contd.)

LPTV", but it sure isn't a powerhouse. I asked Greg whether CBLFT-25 would be a problem. He confirms the Canadian SRC station is essentially a local in Buffalo and will cause lots of problems for WTJA..

### Jeff Kitzko, Latrobe PA:

Jeff provided many of the network changes this month. He's also found a few interesting tidbits on the WorldWideWeb.. In Phoenix, it's now been a year since the Fox Surprise turned that city on its ear. The ratings are in, and it doesn't look good for Fox. The rankings:

1. KPNX-12 NBC=>NBC
2. KTVK-3 ABC=>ind.
3. KSAZ-10 CBS=>Fox
4. KNXV-15 Fox=>ABC
5. KPHO-5 ind=>CBS

As a result of these numbers, KSAZ replaced its general manager. To be honest, I sure wouldn't complain about any of these numbers - and if I was in charge at KTVK, I'd be handing out some raises!

Jeff suggests a cool WWW site for TV DXers: <http://tvnet.com/TV/localtv.html> I've tried this one too; it's well worth a look!

### John Lentz, Muskego WI:

John has two quick notes from Milwaukee. WCGV-24 was off for almost a week, from January 8 through the 12th. Transmission line problems were blamed. Unfortunately, no tropo was noted during WCGV's absence.

On channel 18, WVTV has returned to 24-hour broadcasting. No programs are aired between 2 and 6am, but ID color bars are aired.

### Bill Nienajadly, Clifton NJ:

(welcome to the Net, Bill!) Bill corrects my listing of "WNYX-38". The channel 38 station is W38CH, Amityville, L.I.. WNYX-LP is channel 39 and broadcasts from Long Island City. The two stations do simulcast.

### Dennis Park Smith, Santa Barbara CA:

Dennis is looking for back issues of the VUD, as well as old bulletins of the CDXC and AIPA. If you've got any you're interested in getting rid of, let me know & I'll get you in touch with Dennis.

On a different subject, during a road trip just before Christmas, Dennis saw a bunch of relogs, and one new station. K28EM Mariposa is now on with TBN.

Regarding ham-TV, Dennis noted WTV editor Victor Frank's logging of WB7UGZ Winton, California. Dennis had seen WB7UGZ while in Turlock, and assumed the WB7 station was coming through the W6CX translator on Mt. Diablo. (Dennis had previously verified a legal ID on W6CX)

At the time, Dennis hadn't checked a map for the location of Winton; it's closer to Turlock than he thought. On hindsight, he believes he was seeing WB7UGZ direct, and he's now considering sending a report.

I'd suggest WTFDXA members send reports to any ham-TV stations they log. Most such stations are truly experimental, and I think they'd be truly delighted to receive reports, especially from people who aren't hams! If you get a callign ID but need an address, write me - I have a CD with ham addresses. Or, on the Internet, connect to [www.ualr.edu](http://www.ualr.edu); the University of Arkansas runs a search engine for ham's mailing addresses.

### Russell Miller, Houlton ME:

Russ has a mystery. By meteor scatter, he's been seeing a station with "CICA" in the sync bar - on channel 4. The Database only lists one CICA relay on channel 4, at Rainy River, Ontario - and it's only 10 watts! My best guess is Russ is seeing TVOntario programs on a U.S. station - probably WUNC-4 Chapel Hill, NC. I know my local WDCN-9 airs a number of TVO programs - it's not unusual to turn on channel 8 and see a full-screen map of Ontario!

## DX ETC.

The winter skip hit full-force on Christmas Day here, with four straight days of skip and some openings running well into the early hours of the morning. But nothing since December 29. The colder-than-normal weather has also squelched tropo around here. Here's hoping things improve in February!

### 73 Doug

Doug Smith (W9WI/4)  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
Internet 72777.3143@compuserve.com





EDITED FOR THE 'VHF/UHF DIGEST' BY TOM BRYANT,  
849 TODD PREIS DR., NASHVILLE, TENNESSEE, 37221

This column departs from the usual historic photos and stories for a bi-directional perspective of our hobby, and some of the peripheral happenings that influence it. We'll be travelling backward and forward in time.

## CHANGE: a dxer's challenge!

As hobbies go, dxing is a relative newcomer. 100 years ago, no one was doing what we take for granted today.

Shortly after the turn of the century sparkgap transmissions, then Morse code, human voices, and even music were being heard by dxers 'round the world.

VHF TV and FM dxing was likely pursued for the first time about 50 years ago.

Since then, more facets have evolved, UHF being the most prominent among them.

Over the years dxers have adapted to sample the wonders of each new mode of transmission.

Early on, the spectrum was uncrowded and new catches were frequent. More recently the proliferation of stations has not only multiplied the number of possible catches, but made them more difficult at the same time.

The future of dxing as we know it is uncertain. The prospect of digital audio and high definition television casts a shadow of uncertainty.

As if that weren't enough, there is another force at work right now. It spans the globe and enters your home through a phone line...and connects you to the world with amazing speed.

The Internet/World Wide Web might be considered by some as an enemy in the dx camp. It does not demand the

same skills that we have honed, nor does it offer the same sorts of challenges.

It is another evolution in communication; and while it cannot and will not take the place of over-the-air dxing, it has already established itself as a useful dxing tool.

During Es and Tr events, computer bulletin boards are loaded with almost instant detail of reception reports and conditions.

Those of us who are 'on-line' wonder why everyone isn't; and those who aren't tend to resist the whole idea.

The long and short of all this is simply that failure to adapt to any new technology is likely to leave one stranded in the past.

Computers and all the avenues they can open are NOT mandatory dx tools; but it's obvious that without them there is a rapidly widening information gap that nothing else will fill.

If, for some reason, you are among those conjuring up reasons NOT to take the plunge; particularly if you are overwhelmed (perhaps terrified) by the complexity of it all, take it from a total computer idiot (me), that it's never too late to learn...and in the process add a host of valuable new resources to your dxing arsenal.

Black and white circular test patterns and fps CAN find happiness together!



Jeff Kruszka, Editor  
5024 S. Braxton  
Baton Rouge, LA 70817

February 1996

We're back in business this month with more photos. Would the mystery DXer from Totowa, NJ who sent me some photos please send me a postcard with your name (and equipment), as I am not a psychic!

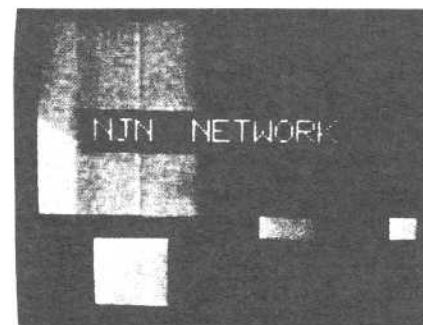
Our contributor this month is your former editor, Dave Nieman, with DX from Rock City, NY:

Equipment:

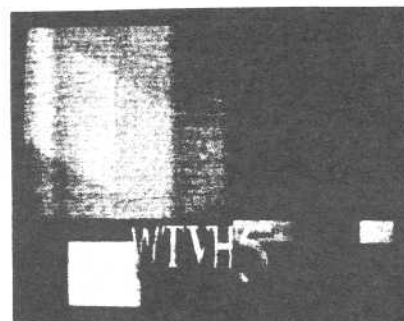
RCA SelectaVision VCR into a RCA 19" b&w TV. VHF: CM 3617B @15' AGL, Radio Shack rotor, and RG-6 coax into a Winegard FT-7600 FM trap and DA-205 amp. UHF: Antennacraft P-7 @70' AGL on Alliance rotor, w/Winegard PA-4975 preamp and RG-11/u coax.



WFWA-39 Ft. Wayne, IN  
352 mi Tr seen 7/30/95  
@0757 EST



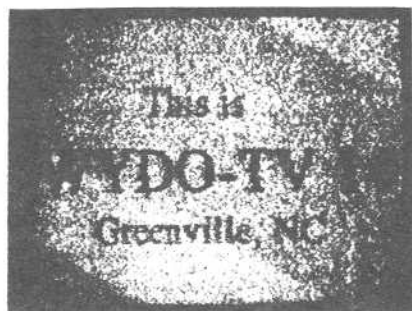
WNJB-58 New Brunswick, NJ  
227 mi Tr seen 7/30/95  
@0858 EST



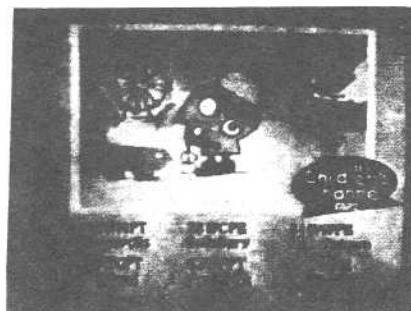
WTVH-5 Syracuse, NY  
136 mi Tr seen 8/14/95  
@0500 EST



WLVT-39 Allentown, PA  
186 mi Tr seen 8/14/95  
@0834 EST



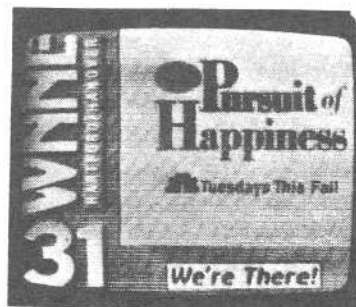
WYDO-14 Greenville, NC  
450 mi Tr seen 8/20/95  
@0348 EST



WCPB Salisbury, MD  
292 mi Tr seen 8/20/95  
@0830 EST



WTNH-8 New Haven, CT  
287 mi Tr seen 9/30/95  
@0730 EST



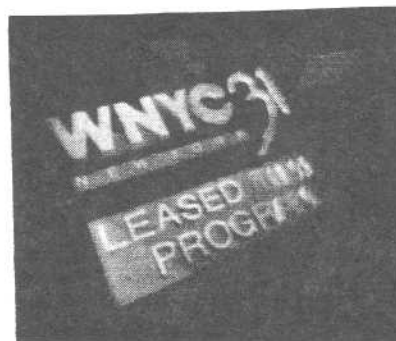
WNNE-31 Hartford, VT  
320 mi Tr seen 9/30/95  
@0756 EST



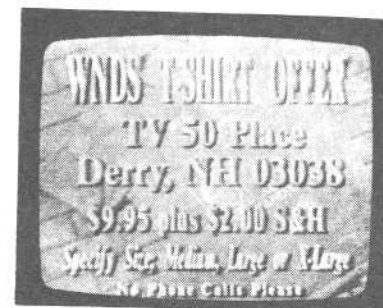
WGME-13 Portland, ME  
423 mi Tr seen 9/30/95  
@0844 EST



WTVU-59 New Haven, CT  
287 mi Tr seen 9/30/95  
@0959 EST



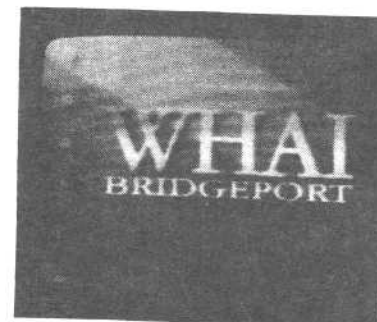
WNYC-31 New York, NY  
247 mi Tr seen 9/30/95  
@1100 EST



WNDS-50 Derry, NH  
364 mi Tr seen 10/1/95  
@0117 EST



WRGB-6 Schenectady, NY  
232 mi Tr seen 10/1/95  
@0146 EST



WHA1-43 Bridgeport, CT  
279 mi Tr seen 10/1/95  
@0700 EST

## PUBLISHER'S NOTES:

SORRY!...I'd like to apologize for the lateness of the January VUD, which had to be sent out more than a week after the usual 5th of the month mailing--just in time to sit through a Monday postal holiday. As many VUD readers have assumed, winter weather played a big part in all this. Things are pretty much back on track now, so you should be reading this issue about 2 to 3 weeks after receiving January's. Believe it or not, Buffalo weather was actually not quite as bad as most of the rest of the Northeast, having already gotten a record amount of snow weeks before the "Big One" that socked in the Eastern Seaboard. Word is circulating about DXers who have suffered antenna damage, lost AC power, or even got flooded out in a very unseasonable post-Blizzard of '96 thaw. Okay, I managed to get the starter fixed on my car...now, does anyone know how to thaw out an antenna rotator without having to climb the tower in a minus-20 Fahrenheit wind chill?

THANKS...to *FMedia* maven Bruce Elving for November's VUD cover; to Jim Thomas of Old West Graphics, WTFDA's 1996 Convention host, for his December cover "TOON!"; to FM NEWS and NFM editor Greg Coniglio for the January '96 cover logo collage, and to *Broadcasting & Cable* cartoonist Jack Schmidt (via Tom Bryant) for providing material used on this month's cover.

--Bill Thompson



# EASTERN TV-DX

Stephen West  
1077 Sandy Narrows Ct.  
Virginia Beach, VA 23454

(804) 428-8057

Deadline: 5th

February 1996

Excellent skip conditions were noted on December 26th! Many members logged new stations, including double hop at over 2100 miles! Russell Miller received Texas on Ch. 4! Tropo was rare during the period.

Due to time restraints I will have to step down from this column in the near future. This is a great opportunity for a member with a computer to take over the column, but not a requirement. Send a letter of qualifications to HQ. In the meantime, continue sending your reports to the VA Beach address.

## David Austin, 9826 Fairfax Square #372, Fairfax VA 22031

Internet E-Mail: [fdaustin@crosslink.net](mailto:fdaustin@crosslink.net)

World Wide Web (WWW): <http://www.crosslink.net/~fdaustin/tvdx.html>

**Equipment:** Sharp 10" BW TV with VHF/UHF detent tuning (1982 vintage); Emerson 5" BW TV/AM/FM; Action 5" BW TV with slide tuning (travel set); RCA VHF/UHF rabbit ears (apartment lease prevents me from installing outdoor antenna) *UnIDs only listed where something distinctive about the reception might provide potential ID. All times local EST in 24-hour format. All distances in miles (outside US, multiply by 1.6 for km).*

### December 1995

25	Es	2300	unID	3			Jill Newton - nx
		2300	KSNW	3	KS	1103	station ID
26	Es	1122	WBRZ	2	LA	976	various Baton Rouge & LA ads
		1122	unID	3			Jenny Jones
		1140	KATC	3	LA	1026	Acadiana's News Channel
		1200	unID	2			Squire Toyota ad, some soap opera
		1200	unID	6			Roseanne
		1230	WEAR	3	FL	824	station ID, nx "3 News"
		1400	unID	3			"Discover the Difference", ABC promo
		1400	WEAR	3	FL	824	Andy Griffith Show promo (weekdays at 8?)
		1430	unID	3			this was in most of the afternoon
		1600	unID	3			"23% off" upholstery commercial
		1600	MUF	4			Montel Williams
		1605	unID	4			over local WRC-4
		1605	unID	6			Oprah video over local WRC-4. 20 kHz offset (4+ - WWL-4 New Orleans?)
		1612	WBRZ	2	LA	976	Richard Bey (WDSU-6 New Orleans?)
		1633	unID	2			Royal Nissan ad
		1730	unID	2			Oprah Winfrey
		1730	KFDX	3	TX	1240	Tide detergent - available at Albertson's
		1730	unID	6			positive ID (followed by Ricki Lake?)
		1755	unID	3			Oprah Winfrey (KAUZ-6 TX?)
		1755	unID	6			Jeopardy
		1800	KOTV	6	OK	1055	Real Stories of Highway Patrol promo
		1815	KSNW	3	KS	1103	Woodcroft Furniture ad, station ID, nx
		1815	unID	3			nx
		1820	unID	2			"Columbus (?) Coliseum, Rodeo Sunday January..."
		1820	KOTV	6	OK	1055	"News 2" audio
		1855	KQTV	2	MO	953	nx continued
27	Es	1320	KDLO	3	SD	1045	"News Team 2" nx
							KELOLand News slide

**Comments:** December 26 was one of my best skip days ever! Saw some old loggings and got a few more new ones. I was able to "upgrade" my equipment (relatively speaking) with the purchase of a Sharp BW set for \$10 from a thrift store — very well kept set, probably in someone's dorm years ago and they just got tired of it. I have revised my method of logging the time — all times now appear as my local time (Eastern) as it allows me to keep the days straight and it relates better to program times than UTC.

I have set up my own World Wide Web (WWW) pages on the Internet. You can access any of these pages from the address above. I'm maintaining a running TV DX log and you'll be able to see my TV Guide collection as well. I have over 60 editions from the US and Canada as well as TVG-equivalents from England, Germany, Denmark, Poland, Quebec and the French West Indies. All trades reciprocated with the latest Washington-Baltimore TVG. DX and QSL tip: you can use the WWW to access TV stations' home pages and thereby ID logos, station personalities, etc. A good point of departure is TVNet at <http://www.tvnet.com>. Also, Matt Sittel referred me to a distance calculator at <http://www.indo.com/cgi-bin/suid/~bali/dist>. And a big "thank you" to all those who helped me ID tentatives from my last report!

Eastern TV-DX

February 1996

Jeff Wolf, 14302 Astrodome Drive, Silver Spring, MD 20906

December 1995

December 1995

26 Es 2335 KATC-3 LA (t)

27 Es 0026 WLBT-2 MS

Stephen West, 1077 Sandy Narrows Ct., Virginia Beach, VA 23454

November 1995

November 1995

19 tr 0000 WAWS-30 FL (550)  
0030 WOGX-51 FL (650)  
WCJB-20 FL (550)

27 tr 0700 WFXG-54 GA  
30 Es 2000 KQTV-2 MO

27 tr 0600 Charlotte  
WCES-20 GA  
WEBA-14 GA  
WACH-57 SC  
WDCO-29 GA

December 1995  
26 Es 1600 M.U.F..95.1 Nebr.  
27 Es 1200 WCMH-4 OH

**Comments:** The November 27th tropo was strong, with a tentative logging of WJEB-59 FL but it may have been Goldsboro, NC since both are TBN with a zero offset. I also had CH. 51- and CH. 52+ with the same religious program. WNVT-53 Goldvein, VA was in but not DC. In the beginning of December there was skip at 0030 that looked like Cuba but I thought they signed off around 12am. The TBN LPTV received in my last report is apparently from Greenville, NC on Ch. 54.

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

**Equipment:** Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF, with CM-7475 preamp.

### November 1995 DX

13 Gw WNAB-58 TN ID bars 38  
(note #1)

### December 1995 DX

25 Es 1230 KTVK-3 AZ Jeopardy promo w/logo 1427  
MUF ch. 4

26 Es 0025 CKND2-2t MB Roseanne w/"bug" logo  
unID NBC-3 w/local "Cops" promo  
1128 XHOXO-4 VE "XH OXO VER" floating through 1308  
(note #2) local WSMV  
1135 KIII-3 TX Robstown ad 861  
unID Mexico-3 w/"Un Nuevo Dia"  
1204 XEFB-2 NL local ad; musical program 1075  
w/Monterey temp. supered

1217 MUF reaches FM  
2337 unID PBS-3 w/Bill Moyers, NBC-3

27 Es 0218 skip is almost over  
1025 unID Mexico-3 w/"Un Nuevo Dia" (again...) unID CBS-3  
1200 KENW-3 NM ID/program schedule 956  
(note #3)  
unID Mexico-3 w/SCT and SEP logos & very old movie

28 Es 0000 skip still in weak on 2 & 3, no chance for IDs

Note #1: Another new local. Good signal. They've since begun regular programming as "WB58", WB affiliate.

Note #2: Coordinates (for distance) assumed from a Veracruz AM station. Suspected Mexico City FM in at the time.

Note #3: On the phone with Tom Bryant at the time, complaining about lack of IDs in this opening. Tom speculates my unID PBS-3 must be KENW - I tell him there isn't enough to go on. KENW immediately obliges by popping up the ID slide...

Russell Miller P.O. 1736 Houlton, 04730. (Amity) Ms. EST.  
 Time underlined=Multiple times seen on this date

October 30 1995	11 Ms 0423 <u>CKNX-8</u> ON (BBS LRHC)	17 Ms 0802 <u>WJKB-2</u> MI 0830 UNID-2 ?? (PNC-Bank)
November 1995	0540 CIII-4 ON	0839 KDKA-2 PA
1 Tr 1330 <u>CBAFT-3</u> Gu	0611 MUNC-4 NC	Ms 0330 <u>CKNX-8</u> ON
1330 <u>CHAU-3</u> Gu	1400 <u>CJCN-4</u> ME(?)	0700 <u>WLUK-11</u> WI (FOX MORNING NEWS)
1530 <u>CIVV-45</u> Gu	2305 UNID-11 ??	0808 <u>KTVI-2</u> MO
2 Es 0848 <u>WCBD-2</u> SC	Strange C/Bs SLK?	19 Ms 0333 <u>CKNX-8</u> ON (Cedar Hill Schools)
10 Es 1810 <u>KDKA-2</u> PA	2352 <u>WTVJ-11</u> NC	0900 <u>CKPR-2</u> ON
13 Ms 0303 <u>WBRZ-2</u> NY	12 Ms 0535 UNID-13 ?? (Strong 1/30th sec.)	0901 <u>WJND-2</u> NC
0304 <u>CKCO-2</u> ON	0602 <u>WUNC-4</u> NC	Es 1222 <u>CHBX-2</u> ON (MCTV-BBS)
15 Ms 1209 <u>WBTB-3</u> IA	0646 <u>WTMJ-4</u> WI	1227 <u>CITO-3</u> ON (MCTV-BBS)
18 Es 1435 <u>KGAN-2</u> NC	0652 <u>WDOM-4</u> MI	1229 <u>WJMN-3</u> MI
20 Ms 0410 CIII-2 ON	0427 <u>WPMY-2</u> NC	1236 <u>CHFD-4</u> ON (TBT-NEWS)
0427 <u>WPMY-2</u> NC	0835 <u>WJKB-2</u> MI	1240 <u>CKPR-2</u> ON (TBT-2/5)
21 Es 1330 <u>WBBM-2</u> IL	1030 <u>KDKA-2</u> PA	1320 <u>CKRN-4</u> GU BRC! Veri In Fran.
1330 <u>KTVI-2</u> MO	2102 <u>WVAH-11</u> WV	Ms 2215 <u>WTVJ-11</u> NC
1528 <u>WTHO-2</u> IN	2255 <u>WTVJ-11</u> NC	1459 <u>KTCA-2</u> MN
27 Ms 0122 <u>KDKA-2</u> PA (OFFICE DEPOT+Calls)	13 Ms (Messd up VCR#)	Ms?1700 <u>CHBX-2</u> ON (MCTV-BBS)
0155 <u>WJKB-2</u> MI	Es 1330 <u>WKRN-2</u> TN	20 Ms 0311 <u>CKNX-8</u> ON (BBS)
December 1995	Ms 1400 <u>CHBX-2</u> ON (MCTV)	22 Ms 0336 <u>WPCP-8</u> PA
2 Es 0000 <u>WCBD-2</u> SC	Es 1750 <u>WDTN-2</u> OH	23 Ms 0554 CIII-4 ON
0004 <u>WPMY-2</u> NC	Ms 2215 <u>WTVJ-11</u> NC	Comments:For anyone who hasn't tried Ms Dxing, I think the best VCR you can get, is a must if you want to make it fun instead of work. I seem to be in a good spot to take advantage of the Geminiids meteor shower. This shower taught me a lot about meteor DXing.
0137 <u>KDKA-2</u> PA	14 Ms 0503 <u>CFBC-11</u> ON (C-Logo+GTN+CBS)	23 Ms 0554 CIII-4 ON
0138 <u>KTVI-2</u> MO	0716 <u>WDOM-4</u> MI	22 Ms 0336 <u>WPCP-8</u> PA
WBBM-2 IL	0910 <u>WTMJ-4</u> WI	23 Ms 0554 CIII-4 ON
4 Ms ???? <u>WPMY-2</u> NC	1930 <u>WUNC-4</u> NC	22 Ms 0336 <u>WPCP-8</u> PA
???? <u>CKCO-2</u> ON	2216 <u>WTVJ-11</u> NC	23 Ms 0554 CIII-4 ON
???? CIII-2 ON	15 Ms 0253 <u>CFPL-10</u> ON	22 Ms 0336 <u>WPCP-8</u> PA
5 Ms 0214 <u>WRIC-8</u> VA	0630 UNID-11 ?? (Showing 27+Sch.Canc)	23 Ms 0554 CIII-4 ON
8 Ms 1127 <u>WDOM-4</u> MI	0736 UNID-11 NBC (PA-GA-MN)	22 Ms 0336 <u>WPCP-8</u> PA
1200 UNID-4 ??	1720 <u>WTMJ-4</u> WI	23 Ms 0554 CIII-4 ON
(Action 4 You) ??????	2316 <u>WDOM-4</u> MI	22 Ms 0336 <u>WPCP-8</u> PA
1505 <u>WTVY-4</u> AL	15 Ms 1126 <u>WUNC-4</u> NC (PBS-Only Poss.)	23 Ms 0554 CIII-4 ON
Must be a stray one!	17 Ms 0240 UNID-13 ON? Cht+Mic Mse? LLC????	22 Ms 0336 <u>WPCP-8</u> PA
10 Ms 0350 <u>CFPL-10</u> ON (BBS LRHC! CKNY-10??)	0456 <u>WPCP-8</u> PA	23 Ms 0554 CIII-4 ON
1000 UNID-4 ??		22 Ms 0336 <u>WPCP-8</u> PA
(Rich Cupp 4)		23 Ms 0554 CIII-4 ON
11 Ms 0111 <u>CFPL-10</u> ON (BBS 4 Times!)		22 Ms 0336 <u>WPCP-8</u> PA
0235 <u>WBBM-2</u> IL		23 Ms 0554 CIII-4 ON
0252 CIII-2 ON		22 Ms 0336 <u>WPCP-8</u> PA

ADDENDUM: December

24 Tr 0824 <u>TBN</u> 17 ME (Madawaska)	26 Es 1020 <u>WJXT</u> 4 FL	26 Es 1326 <u>WCBI</u> 2 MS
0830 <u>CIMH</u> 4 NB	1025 <u>WCIV</u> 4 SC	1429 <u>WSJK</u> 2 TN
0952 <u>CKRS</u> 12 GU	1025 UNID 3 IL	1441 <u>WSBT</u> 2 GA
1145 <u>CIVV</u> 8 GU	1052 <u>WESH</u> 2 FL	1527 <u>WTVY</u> 4 AL
1400 <u>CFRS</u> 4 GU (Local Ads)	1139 <u>WFOR</u> 4 FL (No more WTVJ-4??)	1642 <u>WCBD</u> 2 SC
Es 2050 <u>WDOM</u> 4 MI	1201 <u>WSMV</u> 4 TN	1803 <u>WTVY</u> 4 AL
2059 <u>KDKA</u> 2 PA	Shows (WKDA)???	1823 <u>WCBI</u> 2 MS
25 Ms 0532 <u>WQAY</u> 4 WV	1210 <u>WTVF</u> 5 TN	1858 <u>WKRN</u> 2 TN
0551 <u>CITI</u> 4 ON	1225 <u>WAVE</u> 3 KY	Note 1:VERI.Winter Tex Report.John Goodman—Roses RV Sales in Alamo!Amer.Auto Parts Bealls Chris Sale.WOH!
26 Es 1012 <u>WCBD</u> 2 SC	1229 <u>WDTN</u> 2 OH	
	1320 <u>KGBT</u> 4 TX	
	2152 miles(Note 1)	



WIVB-TV

Fox 6 XETV San Diego



# WESTERN TV-DX

February 1996

Victor Frank  
 12450 Skyline Blvd.  
 Woodside, CA 94062-4541  
 email frank@sneezy.sri.com  
 (415)851-7031

## Propagation during November/December 1995

The end of 1995 off-Es season (in the Northern Hemisphere) was productive for a number of our reporters. Was it the holidays, or nature, that caused a repeat of November 24-26th openings on December 25-28? (A solar rotation is only 27-28 days.)

Fernando Garcia also reports a super tropo opening November 26-27, when he received UHF stations as far away as GA, SC, NC and VA.

Frank Aden, Jr., N7SOK, 4096 Marcia Place, Boise, ID 83704.

## Equipment:

TVs: 27 inch Magnavox Color Monitor, 19 inch JC Penney (RCA) Color set, 13 inch BMG color monitor. VCRs: Radio Shack #45 MTS stereo, JC Penney (RCA) Mono, Hitachi VM-39A Camcorder, Antenna: Radio Shack Ch. 6 to 13, 14 erl. on rotor at 22 ft. Winegard 2- dB preamp, HI-Q filter for ch. 6.

Santa gave us a great "gift" for Christmas, one of the strongest winter Es openings in years. MUF was up to ch. 6, but I did not note any FM DX. The Es returned on both the 26th and 27th.

## December 1995

25 Saw indications that this may have started before (my cordless phone was acting up) 11:00 A.M., but was not actually able to check it out until 1 P.M. The local ham club had reports of major six meter activity. I have got to get a 6-meter rig some day!

25 1300 KENW	3 NM	
RTXTt	5 TX	(Never saw an ID)
????	2	CBS station mixing under local KBCI
1700 KSWR	3 OK	mixing with KENW
KFDX	3 TX	" "

Opening died about 7 P.M., did not appear to move around much. Very intense CCI on ch. 3 at times. Ten meters was open to Northern CA, CO, and SE USA.

26 Checked 10 m at the TV for skip at 6 P.M., nothing, but about 7 P.M. Es appeared. Very intense on ch. 3. Lasted to about 8 P.M.

26 1930 XHPN	3 COAH
2000 KENW	3 NM

27 Short opening started at about 11 P.M. until 11:20 P.M.

27 2300 KENWt	3
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31 2:30 A.M., ch. 4, MS, unID station with ch. 4 logo, star in middle of the 4, suspect TX, but could be any one SE of me. Any ideas?

Jeff Kruszka, 5024 S. Braxton, Baton Rouge, LA 70817

## December 1995

14 tr 0714 unID	59	color bars to WNW	
0731 KERA	13	TX ID	365
0801 WFAA	8	TX ID	365
0847 FOXA	14	TX ID	445
1053 KOKT	23	OK new tropo state!	480
1054 KTFot	41	OK infomercial	
1057 KTLK	43	OK	505
1101 KOCE	34	OK ID	505
1107 KWTvt	9	OK floaters over WAFB	
1114 KTEN	10	OK cool logo!	435
1126 KTBO	14	OK local phone #	505
1147 KHBS	40	AR Ft. Smith ads	400
1150 KRSC	35	OK	475
21 tr 0732 unID	13	See note 1	
25 Es 2031 CCI	3+4		
26 Es 1145 WRAL	5 NC		810
1258 KENW	3 NM		760
2100 unIDs	3-5		
27 Es 1046 unIDs	3-5	SS	
2100 KGWN	5		1045
2130 KTVS	3		945
28 Es 1120 unIDs	3-6	SS	
30 tr 0000 unID	57	color bars ESE?	

Note 1: New LPTV, somewhere in a 50 mile radius, with VCC home shopping. Not K13VE or K13VG.

I might have missed the 12/14 tropo opening had the unID 59 with color bars not caught my eye before work. I ended up taking off a half day of work, and managed to get a new tropo state!

KERA and WFAA were both logged with the 8-bay UHF antenna. (I didn't know I could do this!) I always used the rabbit ears for all VHF loggings in the past, but with my antenna now in the attic, VHF enhancement seems to have been improved. Some nice Es openings Christmas week, as I had the whole week off (though not many IDs).

# Western TV DX

William Draeb, 1304 Ellis St., Kewaunee, WI 54216-1802

Here's a report to end this year. Not much tropo activity seen, unfortunately, due to the rotten weather patterns moving through here. Some Es this month. Was about the only good thing that happened since September.

September 1995		CDT
11 tr 0625	W39AL 39 TBN	
	WDLI 17 OH	390
	23,49,55 Akron, OH	
	WNEO 45 Alliance	
0630	WFIE 14 IN	420
	WSTR 64 OH	400
	WCVN 54 KY	407
	21,27,33,58 Youngstown OH	
0659	W64AU 64 WI (WERM-20)	
0706	WUSI 16 IL	402
0708	KARD 14 LA (lasted ~5 min)	885
	WQEX 16 PA	480
	WOUK 44 OH	427
	WPGH 53 PA	480
1730	WMTD 68 OH	
	WNEO 45 OH	405
2157	W39AQ 39	
12 tr 0637	W48AV 48 (Phone 313-389-2700)	
0655	CICO 19 ON Sudbury	350
	CHLF-1 25 ON	350
16 tr 0620	W19BN 19	
27 tr 1931	W54AP 54 IL	180
28 tr 2004	W54AP 54 IL Bishop Sheen	180
	2004 WBND 58 IN	208
	(W58BT) S. Bend	
	W69BT 69 Parallel to W58BT	
	Call 219-287-WBND for reports	
October 1995		
24 Es	2120 unIDs 2,3,4,5 SW	
December 1995		CST
25 Es	1430 unIDs 2,3,4,5 S	
	2035 WDIQt 2 AL	
	WEAR 3 FL	
26 Es	1208 WMABT 2 MS	
	1230 WWL 4 LA	1010
	WDSU 6 LA	1010
	1655 WCTV 6 FL	
	WCPX 6 FL	
	WPTVt 5 FL	
	WJXT 4 FL	1085
	1718 WESH 2 FL	
	1745 WBTB 3 NC	
	WPMY 2 NC	
	1800 WSAV 3 GA (all gone by 1830)	
	2200 KWAB 4 TX	
	KDFW 4 TX (FOX for Texas)	
	KATC 3 LA	
	2229 KMOL 4 TX	1200
	KACBt 3 TX	
	KENW 3 NM	

26 Es	2229 KACV 2 TX	
	KAMR 4 TX	
27 Es	2100	2,3,4 West
28 Es	1200	2+ West

That about covers what I saw. Note that I didn't even record anything worth while in November. Let's hope tropo activity gets better in the New Year.

William Eckberg, 1032 Sterling Rd., Dixon, IL, 61021

### Equipment:

VHF--1966 Zenith 14N22 B/W TV w/  
CM1110@41'. UHF--1990 Zenith AC-DC  
G09303 9" color TV w/ CM. screened 7' dish @  
52'. RDX Labs UA-900 preamp.

October 1995		CDT
5 tr 0445	KLRT 16 AR	503
	0450 KASN 38 AR	537
7 tr 2100	KSAX 42 MN	404
November 1995		CST
19 tr 0350	WDMT 30 TN	408
	0630 WZDX 54 AL	503
	WAFP 48 AL	503
December 1995		CST
25 Es	2130 KPRC 2 TX	893
	2210 WUND 2 NC	797
	2235 WPMY 2 NC	641
	2255 ICRT 2 Cuba	
26 Es	1330 WEDU 3 FL	1031
	1345 WTVJ 4 FL	1229
	1430 WPBT 2 FL	1229
	1435 WESH 2 FL	983
	1500 KPRC 2 TX	893
	1800 WGBH 2 MA	918
	WUND 2 NC	797
27 Es	1130 KMID 2 TX	967

In a narrow corridor between the hurricane and an advancing front, Opal produced two stations on October 5.

On November 19, tropo was in until 1400 with many unIDs. Tropo was believed to extend to Birmingham at over 600 mi.

I was surprised to see the Cuban Phillips at 2255 and for an hour. This Christmas night opening produced two NC ch. 2s and a Cuba ch. 2, but no sign of any Florida ch. 2s. I have never observed this before. The ionosphere was strange, with very rapid fading. I briefly saw Spanish programming override Cuba 2. It was either the other Cuban 2 or 2E. Cuban TV is in the 1350-1600 mi range.

Fernando Garcia, Apartado 30, Suc B, Cd Guadalupe, NL, 67181 MEXICO ph (8) 360-5874  
Location 1800' ASL, No tropo re.logs under 700 miles or previous 24 hr.  
Sony 27EXR15, Screened CM 7' dish 85', RG11, UA900 amp.  
Sony KV-13TR27, CM 1110 at 30', RC6, Archer V-110 vert, CM 8 bay UHF array 50'

November 1995		CST
25 tr 1800	WBHS 50 FL 1116	26 tr 0330 \$
	WTTA 38 FL 1116	W57AM 57 FL 1189
1815	WFTX 36 FL 1140	26 tr 1030
1830	WWSB 40 FL 1106	\$ W65AP 65 FL 1193
2000	WTOG 44 FL 1116	Marathon WSVN-7
2115	WFLA 8 FL 1116	\$ W63AL 63 FL 1193
	\$ WTMV 32 FL 1134	0445 \$
	"WB32"	Marathon WTVJ-6
2130	\$ WDWL 39 FL 1243	0400 \$
	testing on SAP	WBBH 20 FL 1144
	\$ WSCV 51 FL 1240	0430
	\$ WACX 55 FL 1181	W69 69 FL
	WBFS 33 FL 1227	all blue screen, no audio
	WHFT 45 FL 1243	suspect of W69AX Perry
	\$ WHYS 69 FL 1240	programming at 5:00 CST
	WINK 11 FL 1144	0430
2145	\$ WFCT 66 FL 1115	WTVJ 10 FL 1087
	SAP with different audio	"TV10" under local
2215	\$ WTVT 13 FL 1116	0445
	SAP with NOAA wx	WPTV 5 FL 1240
2230	\$ WFLX 29 FL 1237	WPEC 12 FL 1240
	WZVN 26 FL 1153	WSVN 7 FL 1243
	ex WEVU	0500 +
2245	\$ WCTD 35 FL 1243	W32AB 32 FL 1218
26 tr 0045	\$ WRBW 65 FL 1193	Marathon WPBT-2
0115	WTVJ 6 FL 1227	unid chs 245,525,69 WPBT-2
	allready on this channel, NBC	WLRN 17 FL 1243
	\$ WFTS 28 FL 1116	\$ WLTV 23 FL 1243
	W63 63 FL	0515
	unid WACX-55	WAWX 30 FL 1178
0130	\$ W55AN 55 FL 1189	& WJAN 41 FL
	Big Pine WTVJ-6	Spanish LPTV
	SAP same as MAIN	0530 \$
	W68AI 68 FL 1193	WFSG 56 FL 929
	Marathon WPLG-10	SAP same as MAIN
	"Kepp it on ten"	\$ WXXV 25 MS 761
0200	WBSF 43 FL 1200	@ \$ WSFP 30 FL 1144
	WTGL 52 FL 1200	WPAN 53 FL 870
	WTVK 46 FL 1153	WBHR 33 FL 836
	ex WNFL	0545 @
	WUPL 54 LA 705	WMAFE 24 FL 1190
0215	\$ WKCF 18 FL 1190	WCEU 15 FL 1193
0230	W14IE 14 LA 705	unid ch 49 TBN
	W56CN 56 FL 1106	@ WUFT 5 FL 1125
	Sarasota WTMV-32	previous via Es
	& W47AC 47 FL 1189	\$ WOFL 35 FL 1190
	Big Pine WFOR-4	WUSF 16 FL 1116
	wx map, continuous wx info	0615
	& W27AY 27 FL 1218	WTCet 21 FL
	Marathon WFOR-4	WOGX 51 FL 1122
0245	W40AA 40 FL 1218	WVEA 61 FL 1103
	Marathon WTVJ-6	Tampa Univision
	W3AD 43 FL 1218	0645
	Marathon WSVN-7	W31AU 31 FL 1190
	W67AP 67 FL 1190	Orlando WACX-55
	Rock Harbor WSVN-7	WNFT 47 FL 1178
	& W61AI 61 FL 1190	WJEB 59 FL 1178
	Rock Harbor WFOR-4	@ \$ WEIQ 42 AL 823
	W67BY 67 FL 1140	W69AY 69 FL 1125
	Fort Myers TBN	Alachua WACX-55
0300	WDHN 18 AL 982	WFXL 31 GA 1066
	\$ WMAH 19 MS 771	\$ WTXL 27 FL 1029
	W24AT 24 FL 1106	W57BA 57 FL 1116
0315	Sarasota TBN	Tampa Telemundo
	unid ch 49 Rel.	WMPV 21 AL 839
	W58 58 FL	WMBB 13 FL 970
0330	unid WTVJ-6	"Florida strong"
	\$ WBSV 62 FL 1110	W61AK 61 FL 1120
		Inverness WTOG-44
		0745 \$
		WABW 14 GA 1047
		\$ WBCC 68 FL 1200
		0815
		WFSU 11 FL 1005
		\$ WTVJ 40 FL 1029
		W60AK 60 FL 1189
		Big Pine WPLG-10
		unid ch 56 TBN
		0930 \$
		WEDU 3 FL 1116
		Summer most frequent Es catch
		SAP same as MAIN
		2030
		WPMI 15 AL 836
		K46DG 46 LA 580
		Lafayette UPN "KLAF"
		\$ WMGT 41 GA 1116
		1045
		W63BK 63 FL 839
		\$ WMPN 29 MS 743
		1100
		WXTX 54 GA 1035
		1115 \$
		W1IQ 41 AL 873
		W36AC 36 MS 700
		\$ WGIQ 43 AL 985
		1200
		W35AJ 35 FL 1115
		St. Petersburg Ind
		\$ WVCB 20 FL 1122
		1300
		W48AY 48 FL 1090
		Destin Iptv
		W60BK 60 FL 1091
		Dunedin TBN
		unid ch 57 // WPAN-53
		W74BF 24 FL 1115
		St. Petersburg HSS
		WSRE 23 FL 855
		SAP with different audio
		1615
		XHHD 11 YU 780
		1630
		XHTP 9 YU 780
		XHST 13 YU 780
		1700
		XHMEV 7 YU 780
		1800
		WTTA 38 FL 1116
		WBHS 50 FL 1116
		1815
		WFTX 36 FL 1140
		celebrating 10 years of
		servicing southwest FL
		W41BN 41 AL 951
		WSSST 55 GA 1078
		\$ WATL 36 GA 1103
		1830
		WPGA 58 GA 1100
		\$ WJSP 28 GA 1057
		over local
		\$ WCES 20 GA 1196
		\$ WVEU 69 GA 1100
		\$ WLTZ 38 GA 1035
		\$ WWSB 40 FL 1106
		WHSQ 63 GA 1119
		1845
		WMAFC 45 AL 966
		WDBD 40 MS 749
		\$ WGNX 46 GA 1103
		\$ WPBA 30 GA 1103
		SAP same as MAIN
		1900
		W63BS 63 FL 1085
		St. Petersburg WTMV-32
		W68CF 68 FL 1097
		Tampa TBN
		1930
		W52BF 52 AL 830
		1945
		WSWS 66 AL 1023
		WB
		\$ WCOV 20 AL 954
		\$ WGBG 30 MS 830
		WRLK 35 SC 1290
		ETV SC raising funds
		1-800 256 8535, 256 0222
		WHOA 31 AL 926
		2000 \$
		WUNJ 39 NC 1439
		SAP same as MAIN
		\$ WCFT 33 AL 923
		\$ WJSU 40 AL 1025
		2015 \$
		WBMG 42 AL 963
		\$ WTTQ 21 AL 970
		WB
		2030
		WTLK 14 GA 1103



Western TV DX report

Fernando Garcia report continues

26 tr	2030	WSFA	12 AL	954					
		over local							
		WABM	68 AL	966					
	2045	WTJP	60 AL	998					
	2100	WTLH	49 GA	1025					
		WTGS	28 SC	1221					
		over local							
	2115 \$	WLTX	19 SC	1299					
		WRJA	27 SC	1320					
	2130	W64BB	64 MS	752					
		WHBR	33 FL	836					
		WMDN	24 MS	833					
	2200 \$	WACX	55 FL	1181					
		unid ch 53 Rel.							
		WACS	25 GA	1041					
		\$ WAIQ	26 AL	960					
		SAP with different audio unid ch 43 Rel.							
		W51BY	51 AL	970					
		W49AY	49 AL	970					
27 tr	0000 \$	WRAZ	50 NC	1457					
	0030	WELF	23 GA	1091					
		WWMB	21 SC	1361					
		\$ WACH	57 SC	1286					
	0045	W24AL	24 GA	1103					
		W52BC	52 AL	929					
	0100	WFAV	62 NC	1409					
		% unid ch 40 se							
		& W35BD	35 GA	1060					
		Jesse Boone communications Albany LPTV							
	0115 %\$	WRDC	28 NC	1457					
		"UPN 28" 1 tr 0530 \$							
		WNCN	17 NC	1459					
		&\$ WAPT	16 MS	749					
		WRAV	30 NC	1481					
		// WFAV-62 under solid WGBB unid chs 56 // 65 Rel.							
		W42BQ	42 GA	1103					
		Atlanta weather/tourist? unid ch 33 HSC							
	0130	W38BB	38 NC	1450					
		Raleigh TBN solid snow free WRAZ-50							
		WGPVt	44 GA						
		800-948-4288 via TV (WB) W67BJ 67 GA 1220 Savannah TBN							
		@\$ WFXG	54 GA	1224					
		\$ WCCB	18 NC	1332					
		W29AO	29 AL	1020					
	0200	@\$ WJZY	46 NC	1314					
		unid ch 16 Shop at Home							
		WNIA	11 GA	1103					
		\$ WTBS	17 GA	1100					
	0215	KADN	15 LA	584					
		WOLO	25 SC	1290					
		WCNC	36 NC	1313					
		\$ WTAT	24 SC	1330					
		@ WSPX	26 NC	1430					
		"SUPER FOX"							
	0245	W64	64 GA	1090					
		Valdosta LPTV							
	0300 \$	WKFT	40 NC	1430					
		W68	68 NC	1330					
		Charlotte TBN							
	0315 \$	unid ch 46 all yellow screen							
		W66BW	66 GA	1090					
		Valdosta TBN unid ch 20 Rel.							

27 tr	0330 @	WGNT	27 VA	1594					
		UPN Portsmouth-Norfolk new tropo state, furthest tr							
		WFBC	40 SC	1336					
		"C-40"							
		@\$ WGXA	24 GA	1116					
	0400	W65BI	65 GA	1220					
		Augusta TBN							
	0430	unid ch 40 // WSST-55							
		@\$ WDGO	29 GA	1125					
	0445	unid ch 55 Mor music TV							
	0500 +	WGSE	43 SC	1396					
		"your Family station"							
		unid ch 43 FOX WPMT-PA?							
		\$ WPDE	15 SC	1382					
		SAP same as MAIN							
	0515 @	WXXV	25 MS	761					
		@ WNEH	38 SC	1233					
		WNSC	30 SC	1306					
		\$ WTVJ	42 NC	1328					
		WJWV	16 SC	1271					
	0530	WUNF	33 NC	1225					
		WHNC	23 SC	1385					
		WRET	49 SC	1266					
		\$ WAGT	26 GA	1224					
	0545	unid ch 43, 52 TBN							
	0600 \$	WUNG	58 NC	1335					
		SAP same as MAIN							
		WFLY	55 SC	1330					
		"WB55"							
	0800	had to leave							
	2000	WPMI	15 AL	836					
		WMAW	14 MS	802					
		WMPN	29 MS	743					
		WDBD	40 MS	749					
		% KTLG	43 OK	705					
		WHSB	63 GA	1119					
		Dual ID with W55BM Marietta							
		WVEU	69 GA	1100					
	0600 \$	WAPT	16 MS	749					
	0630	KTBO	14 OK	705					
	0800	KOKH	25 OK	702					
	0815	KETA	13 OK	703					
	1930 \$	KPOM	24 AR	783					
		KASN	38 AR	774					
	2200 \$	WUPL	54 LA	705					
	2215	WMPV	21 AL	839					
	2300	WMDN	24 MS	833					
		WGBC	30 MS	830					
		\$ WMAH	19 MS	771					
	2315	WPAN	53 FL	870					
		WEIQ	42 AL	823					
		unid ch 21 football match							
		WIIQ	41 AL	873					
	2330	WFOA	32 AL	926					
		WFXL	31 GA	1066					
		& K30EM	30 LA	600					
	0130	W14IE	14 LA	705					
		WPGX	28 FL	951					
	0300	WPMI	15 AL	836					
	0330	K69EK	69 OK	705					
		K30DI	30 TX	580					
		Wichita Falls CFNT							
		K54DJ	54 OK	715					
		Edmond LPTV							
		continues ID up left							
	0345	unid ch 56 Rel.							
		unid ch 15 Rel. n-w							
		I-800-752-JAB							
	0415	unid ch 50 CPNT							
	0545	unid ch 50 cartoons							

2 tr	0545 @	KWET	12 OK						
	0600 @	K54BB	54 OK	700					
	0715	WFSG	56 FL	929					
	0730	KTBO	14 OK	705					
		KWHB	47 OK	764					
	0800	KDOR	17 OK	796					
		\$ KOKH	25 OK	702					
		\$ KSAS	24 KS	855					
		KWTV	9 OK	702					
	0815	KETA	13 OK	703					
		KFOR	4 OK	705					
	0845	K38AK	38 OK	770					
		Ponca city OETA							
	0930	KOCB	34 OK	705					
		under local							
	1030	KTGA	49 KS	974					
		K61GC	61 OK						
		continues ID							
	1300	WHBR	33 FL	836					
		HSC, continues ID on screen							
		WTWC	40 FL	1029					
3 tr	0500	WPMI	15 AL	836					
	0515	WMPV	21 AL	839					
		WTLX	27 FL	1029					
		K25	25 TX						
		unid KKAN-36, w of Austin unid 52 "i-tv", San Antonio?							
	0800	WPAN	53 FL	870					
	4 tr	2230 \$	WUPL	54 LA	705				
	5 tr	0130 \$	WAPT	16 MS	749				
		0145	WMPV	21 AL	839				
		\$ WMAH	19 MS	771					
		\$ WMPN	29 MS	743					
		0200	WFOA	32 AL	926				
		0400	WXXV	25 MS	796				
		0445 &	WMDN	24 MS	833				
		&\$ WGBB	30 MS	830					
		% WDBD	40 MS	749					
	0500 \$	WMAW	14 MS	802					
		W64BB	64 MS	752					
	0515	WJTV	12 MS	746					
	0530	WLBZ	3 MS	747					
		TV station # 700							
		\$ WBMG	42 AL	963					
		WABM	68 AL	966					
	0600	WTJP							

**Western TV DX** (Danny Oglethorpe's report concludes)

reception notes, that will have to wait until next month.

Dave Pomeroy, 2321 SE Libra Court, Topeka, Kansas 66605-3505

With help from Jeff Kadet and Doug Smith along with some research on my part, I have been able to identify some of the UNID's from the great August tropo opening. Here's what I found:

**July 1995**

- 7 K66EK-66 Bartlesville, OK "Antenna-66 TV"
- 19 K63FQ-63 Columbus, NE TBS
- K52EX-52 Columbus, NE CNN
- K22CX-22 Lincoln, NE KSNB-4
- K54EU-54 Columbus, NE TNT
- K39AJ-39 Lincoln, NE TBN
- 28 K57DR-57 Joplin, MO TLC
- K62DQ-62 Fayetteville, AR KFSM-5
- K63EG-63 Winslow, AR KPBI-46

**August 1995**

- 18 K53EV-53 Jackson, MN KARE-11
- K61GE-61 Jackson, MN KSTP-5
- 19 K44EJ-44 Columbus, NE "scrambled"
- K46EE-46 Columbus, NE "scrambled"
- K39EK-39 Columbus, NE "scrambled"
- K63FQ-63 Columbus, NE "scrambled"
- WDJT-58 Milwaukee, WI correct call letters

- W51CD-51 Rockford, IL not K51CD
- WMEC-22 McComb, IL not WQEC
- KFXB-40 Dubuque, IA (WI) not KXFB
- KXFA-28 Cedar Rapids, IA not KFXA
- WGKI-33 Cadillac, MI correct call letters

- W69BT-69 South Bend, IN correct call letters

- K61FF-61 Cedar Rapids, IA TBN
- K64DG-64 Iowa City, IA TBN
- K65BY-65 Waterloo, IA TBN
- W68BS-68 Green Bay, WI TBN
- 21 W52BI-52 Sterling, IL WWTO-35
- W54AP-54 Blue Island, IL location
- CF7O-54 Bobcaygeon, ON not London, ON
- WSYM-47 Lansing, MI not WYSM
- CBLN-45 Wingham, ON CBLN-TV-4
- W65BV-65 Springfield, IL correct call

- 21 CBLFT-53 London, ON CBLFT-9 UNID
- CBLFT-61 Kitchener, ON CBLFT-8 UNID
- CBLFT-68 Sarnia, ON CBLFT-17 UNID
- WFXP-66 Erie, PA not WETG
- CFMT-69 London, ON not Peterborough, ON

(I sent photos to CFMT and received a nice letter and a mug with CFMT logo. I was told in a phone call to CFMT that location was Peterborough, but letter gave correct location as London, ON. Letter from Marketing Coordinator Claudia Hawkins said "engineers were very interested in the photos and have since staked claim to them!")

- 21 WFTE-58 Salem, IN correct location
- 22 W64BK-64 Bloomington, IL add call & location WWTO-35
- K58DH-58 St. Louis, MO add call & location "The Box"
- 24 K55FS-55 Wichita, KS add call
- 26 KXLT-47 Rochester, MN add call & location
- K14AF-14 Decorah, IA add call

**September 1995**

- 4 K53EG-53 Sioux Falls, SD add call & location
- K66ET-66 Sioux Falls, SD add call & location
- K18EC-18 Omaha, NE add call & location
- K34DR-34 Humboldt, SD add call & location

My thanks to Doug and Jeff for their help. I haven't seen much since, but one never knows.

Mike Cherry VE7SKA (CN88), Box 631, Ganges PO, Salt Spring Island BC, V8K 2W2 CANADA

- January 1996 UTC
- 11 Es 0400 RTVK 3 AZ Az=135 1223

Although I've been away in 6Y5 (Jamaica) the past month, Rudy VE7FEI tells me openings were down this winter with Es on Dec. 25, 26, 29. Rudy also had 2-hop Es into EL49 (LA) & EM74 (either NE AL or NW GA) on Dec. 25.

73's for now Vic -  
mike.cherry@compucan.islandnet.com

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

e-mail: coniglio@geog.buffalo.edu

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada  
**FEBRUARY 1996 DEADLINE: The 5th LOG CUTOFF: 3 months from postmark**

Not much DX going on this time around. Some good skip the last week in December, but not much tropo has been reported. I hope the guide at the end of this column helps if you are unsure about the meaning of some symbols in this column. Thanks to all who participated in the WTFDA survey, and many thanks to Matt Sittel for putting together a GREAT survey! .... If you have received some DX lately, let's hear from you! ...

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON,  
MINNESOTA 55431  
or: 6483 COUNTY ROAD 47 - ALBORN, MINNESOTA 55702

**FROM PROSIT, MINNESOTA:**

**AUGUST 1995 DX**

- 28 Tr
- 1546 KJAM 103.1 SD Madison 301
- 1554 KQDY 94.5 ND Bismarck 386
- 2354 KNOX 94.7 ND Grand Forks 217
- 29 Tr
- 0001 KDPR 89.9 ND Dickenson 480
- 0133 KKCT 97.5 ND Bismarck 386
- 0850 CBWS 92.7 MB Brandon 386

**SEPTEMBER 1995 DX**

- 4 Tr
- 0825 KZZY 103.5 ND Devils Lake 300
- 1700 KCCD 90.3 MN Moorhead 189
- 2125 KMNE 90.3 NE Bassett 456
- 2126 KLNE 88.7 NE Lexington 557
- 2145 KRNV 93.1 NE Lexington 557
- 2300 KQSD 91.9 SD Lowry 371
- 2317 KTMX 104.9 NE York 481
- 2324 KKQZ 102.3 SD Volga 278
- 2331 KSYZ 107.7 NE Grand Island 508
- 2340 KHNE 89.1 NE Hastings 528
- 2340 KRNE 89.1 NE Merriman 526

- 5 Tr
- 0001 KHCD 89.5 KS Salina 618

- 22 Tr
- 1754 WRSR 104.3 MN Two Harbors, now on with smooth jazz



**FROM BLOOMINGTON, MINNESOTA:**

**NOVEMBER 1995 DX**

- 1 GW
- 1008 K249CE 97.7 MN Minneapolis, ex 96.3 KDNW Duluth translator 10

- 18 Tr
- 1751 KAYL 101.7 IA Storm Lake, ex 101.5 173

**DECEMBER 23, 1995 GW**

- 1300 KXAX 101.9 MN St. James, ex 104.9 88

**25 Tr**

- 2200 K222AE 92.3 MN Springfield, g (KJYL) 92

**26 Es**

- 2146 WJSP 88.1 GA Warm Springs 946
- 2148 WGTZ 92.9 OH Eaton 566
- 2150 WIKX 92.9 FL Punta Gorda 1388
- 2152 WVLK 92.9 KY Lexington 654
- 2158 WBBG 93.3 OH Youngstown 690
- 2204 KBHT 93.5 TX Crockett 941
- 2218 KUHF 88.7 TX Houston 1047
- 2233 KPLV 93.3 TX Port Lavaca 1135
- 2244 KKBA 92.7 TX Kingsville ("hot country and many refs to "Bay Area", ex: KNGV) 1223

- 2250 unID 94.9 "Y95", country (John, this could have been KOYE-Laredo-gc)

- 2255 KROM 92.9 TX San Antonio, Spanish 1100
- 2259 KNCT 91.3 TX Killeen 997
- 2301 KIXV 95.3 TX Brady 1002
- 2304 KAJA 97.3 TX San Antonio, Hot Country KJ97 1100
- 2337 KNIN 92.9 TX Wichita Falls 805

- 27 Tr
- 2101 K277AD 103.3 MN Austin (KZSE Roch.) 82

Trops this year came in August/September rather than October. As a matter of fact, October was very poor month for tropo up here in the Northland. Prosit this year produced 131 new stations from 29 states and one province in Canada. Not too bad a year!!! On Dec. 16 while at the cabin in Prosit has Es in Spanish on ch2, 3-510pm, a strong signal at times. "El Canal De Los Estrellas" noted with "Navidad" in lower right, SE towards Florida or Cuba. Several ads in Spanish for McDonalds, Old El Paso sauce, and women's undergarments. This past month have done extensive research in my log book for Bloomington to ensure the totals to be submitted to Fred Nordquist are as accurate as possible. Rather hard going through 43 years of stuff, but I guess it was all worth the effort. There will be some changes in the Es, MS, & Au totals. After all these years, CA finally received! Another fact uncovered is that, living in MN, I have logged 219 MN stations. TX is second with 189! A difference of only 30 stations! The Es on 12/26 was very erratic and came from all over. Many others were heard but had a quick fade out. Regards & Good DXing, John Ebeling.

## STATION BREAK

WTFDA member ads only. Items may be edited to conserve space. This feature appears in the VUD on a space-available basis.

WANTED - Copies or photocopies of: 1. WTFDXA/WTFDA, 1967 thru Apr. 1972 (mimeo VUDs) 2. Canadian DX Club, apx 1964 to end in apx 1968. 3. AIPA, 1953-1963. All or any portion of time periods welcome. Will negotiate for price. Dennis Smith - 3703 Dixon St. - Santa Barbara, CA 93105-2419.

FREE - DX News back issues, Vol. 36-No. 13 to Vol. 38-No.16, (Jan. 69 to Feb. 71). Missing Vol. 36, Nos. 22 & 27, Vol.37, Nos. 9, 10, 20, 28. 1981 thru 1985. Please send \$5.00 for shipping.

Barry J. Hayes - 9 Henry Street - Wilkes-Barre, PA 18702

BILL NIENAJADLY - KF2OK - P.O. BOX 2999 - CLIFTON, NEW JERSEY

**December 26 1995 E-Skip**

1735 WDDQ 92.1 GA Adel  
 1802 KITT 93.7 LA Shreveport Cat Country  
 1809 KOOL 106.5 TX Jacksonville Icl wx & ments  
 1810 MUF 107.7  
 1820 WQST 92.5 MS Forest City Jackson & Meridian ments  
 1824 WSYE 93.3 MS Houston calls and Sunny 93

**December 26th Es cont.**

1828 KSSN 95.7 AR Little Rock ads for North Little Rock  
 1835 KXAS 101.7 AR Hope // to Rich Shaftan  
 1840 KVRE 92.9 AR Hot Springs Village  
 2017 WKUL 92.7 AL Cullman  
 2024 WRJM 93.7 AL Geneva ID & Rose

Got call from Rich and Paul saying E-Skip was back. I never seen the skip completeley die out and come back only two hours later, especially at nite. Comments: Nice opening and way up there in MUF too. Missed last nites E-Skip opening and this made up for it. Now all I gotta do is get a new FM Atlas. Im still working with the 1992 edition, hi. GooDXing Bill.

**FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041-8606**

Equipment: Carver TX-11a with IF filter mod, Stereo Probe 9 antenna

**NOVEMBER 22, 1995 GW**

2320 Pirate 90.7 NY Mattydale w/distorted audio & wierd mx-Mr X 6

**DECEMBER 1995**

**10 GW**  
 2000 WLLL 93.7 NY Auburn \$ r "The Wall" New to air 26

**18 Tr**  
 0023 CIRA 91.3 PQ Montreal \$ FFC good signal after WCNY s/off at 0000 Radio Ville Marie/ID "se-ee-er-a" variety mx/opera annts 208

**December 23 GW**

1615 WCRL 94.1 NY Syracuse-Carousal Mall info-weak-near 190/181 6

**26 Es 1727-1855 FL/MS/LA/OK MUF: 107.5**

1728 WJSU 88.5 MS Jackson NPR ID 1073  
 1749 WMWF 88.1 FL Pensacola NPR ID 1072  
 1751 WCKW 92.3 LA LaPlace ID r 1203  
 1753 WYCT 94.1 LA Kentwood k ID 1158  
 1836 KTJC 92.3 LA Rayville church ad ID 1127  
 1842 KEBC 94.7 OK Oklahoma City SID k 1261

1995 FM Es recap: 5/21 2259 no IDs; 6/6 1801-1930 FL; 6/14 1902-1939 FL; 6/17 2340 FL; 6/21 1923-2030 NE; 6/27 2053-2253 AR TN MO KY; 7/1 1133-1330 TX FL LA; 7/3 1226-1442 AR AL; 7/5 2059-2226 MN ND SD NE IA; 7/7 1813-2039 NE AR; 7/8 1145-1203 NE; 7/9 2021-2100 AR; 7/10 1904 no IDs; 7/11 1821-2005 SD MS NE CO out to 1523 mi; 7/18 1831-2100 AR TX LA NEW MEXICO out to 1580 mi; 7/21 1821-2057 FL; 7/26 1942-1947 No IDs; 12/26 per above report. Totals: 1732. Very little FM DX except for recent Es..early winter wx put Tr dx into a deep freeze. More time spent on BCB/SW/LW Beacon DXing lately. 73-Fred.

**GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221**

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna - 20" AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at - 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp.

**DECEMBER 1995 DX**

**25 Es (Merry Christmas) MUF: 100.3**  
 2200 unID 99.1 DJ Gene Tonacci, lite rock  
 2200 KAFX 95.5 TX Diboll, "K-Fox 95" 1187  
 2223 WCKW 92.3 LA LaPlace, "90s at 9" 1113  
 2226 unID 93.5 TX? unID with coverage of Monday Night Football (Dallas Cowboys network)  
 2245 KCKR 95.5 TX Waco, Kicker, calls, k\$ 1294  
 2309 KEGL 97.1 TX Ft Worth, "Merry Christmas From The Eagle" 1223  
 2309 KSNM 94.9 TX Arlington, Dallas wx, Sunny 95, country (\$) 1224  
 2317 WJDX 96.3 MS Jackson, Mix 96 978

**DECEMBER 26 Es MUF: 107.9**

1740 KQID 93.1 LA Alexandria, Q93FM 1076  
 1742 WQCK 92.7 LA Clinton, Q 92.7 jingle 1075  
 1748 WTKL 95.7 LA New Orleans, Cool 95.7 1097  
 1755 WGMG 102.3 MS Gulfport, Coast 102, o\$ 1041  
 1759 WKNN 99.1 MS Pascagoula, K99, k\$ 1023  
 1800 WXOR 92.5 MS Ocean Springs, sounded like urban o/CISS, legal w/Biloxi, Gulfport 1024  
 1805 (WTIX) 94.3 LA Galliano, oldies (but included a 1985 Tears for Fears song), fake ID "WTIX New Orleans", ex: KBAU, KLEB 1131  
 1804 WXYK 105.9 MS Pascagoula, Kiss FM 1021  
 1815 WEZB 97.1 LA New Orleans, local ads 1146

Nice to have this surprise skip! The opening on the 26th was better than the 25th, in terms of MUF, and strength. There was some TV skip to the Maritimes on the 27th, but I did not note anything on FM. No other DX at all to speak of recently. No tropes at all, with the very wintry weather pattern. 93 inches of snow already as of Jan. 11th, including 38" on one day in December! Also many cold days, only getting into the teens (normal high is 30), so not very conducive to tropes!

**A GUIDE TO NORTHERN FM DX**

JOE Q. DXER - 1988 ANTENNA WAY - HILLTOP, NEW YORK 14444

Equipment: McIntosh MR78 tuner, Stereo Probe 9 antenna at 40 ft above ground, 150 khz filters, phase-box into TV VHF-antenna, and a whole lot of wires.

**FEBRUARY 1996 DX**

**14 Tr**

1435 WDXR 94.3 IL Golconda, "DX94" 231  
 1441 WDXX 100.1 AL Selma, "Dixie 100" 300  
 1500 {WDX} 98.5 GA Atlanta, "I DX FM 98" slogan, last heard as WSB in 1986. 342  
 1505 KQEX 104.3 TX Borger, "Tejano FM" previously heard by E-skip 5/31/90 812  
 1507 KQAYI 92.7 NM Tucumcari, NM wx. 1900  
 1515 KMYZ 104.5 OK Pryor, "The Edge" 601 interesting comments about your reception  
 very strong!, NEW STATE, #30

logging time (24 hours)

calls, frequency, state, city of license

\* Underlined calls: a new logging (new frequency counts, but not a call change)

\* Dashed underlined calls indicates you have heard the station before, but with a different propagation mode.

\* Small "t" after the calls indicate this is a tentative reception only.

\* Calls in brackets indicate first time hearing this station with new call letters (indicate the last calls you heard this station with)

**COMMON ABBREVIATIONS**

PROPAGATION MODES

ES - E-skip

TR - Tropospheric ducting

TrS - Tropo-scatter

MS - Meteor Scatter

AU - Auroral reflection

GW - Groundwave/local reception

OTHER

\$ - Stereo

& - satellite programming

wx - weather

nx - news

ex: - station previously heard as

MUF - maximum useable frequency (for skip)

QTH - DXers location

QRM - interference

Let me know if I forgot any!

**REPORTING TO NORTHERN FM DX**

I encourage as many people as possible to report. If you have gotten some DX, we are all very interested in reading about it! Check the masthead of this column and Southern FM DX to make sure which column you are to report to. Also keep a close eye on reporting deadlines, and cutoff dates. Reporting DX frequently enough to avoid the cutoff date makes the information in the VUD that much more timely! I will make exceptions for a few loggings that extend back past the cutoff (like a half dozen or so), but not a huge report going back a year!

Format: If you can't have it typed or done on computer, that is no problem. If your handwriting is legible, there really isn't much difference, as long as I can read it! Try to keep it as close to the format you see in the VUD, if possible.

**REPORTING TO NFMDX VIA INTERNET!**

I certainly encourage this if you are able, and want to! You can delay sending the report until closer to the deadline, save a stamp, and it is easier to compose on my end! One month this summer, nine reports in NFMDX were sent via Internet! Some tips to make your report easier to put together here ...

\* Use tabs to separate elements, not spaces. Spaces may look better on the screen, but they may not line up right when the report is printed. Ex: 1900 <tab>WEDG<tab>103.3<tab>NY<tab>Buffalo, comments<tab>125 If you can't do tabs, use a consistent spacing, like 4 spaces or something, so I can use the "global replace" on Microsoft Word. Generally, try to keep the report looking as close to the VUD as possible, so less shifting around is necessary.

A BIG THANK YOU to all of you who have reported to this column! You have made doing this column fun! Hope that this has helped make reporting easier - let's hear from you!!



## SOUTHERN FM DX

12/14 trs  
2020 WBYR 96.7 KY Bowling Green, k, ads, "The Beaver"  
ms  
2028 WKRL 100.9 NY N. Syracuse, "Jan. 25th it's a K-Rock show with Ozzy Osbourne in Syracuse."  
2111 WSTS 100.9 NC Fairmont, calls  
12/23 Es (brief)  
1532 unID 88.3 "Monitor Radio Nk"  
12/Es (Merry DX-masi)  
2101 KWBIt 91.1 CO Morrison  
2135 KRVN 93.1 NE Lexington, "Lite 93"  
2229 KQIZ 93.1 TX Amarillo, r, "293"  
2250 XHAAA 93.1 TM Reynosa  
2252 X--- 92.3 TM Rio Bravo, \$, "R. Tam."  
12/26 Es  
1130 KQIZ 93.1 TX Amarillo

Pat Dyer, WA5IYX, 5315 Silvertip Dr., San Antonio, TX 78228-2744

Equip.: Realistic TM-1001 tuner (two I.F. mod. w/150 kHz filters) into Allied 426 52-ohm step-attenuator box used to reduce local intermod/overload when needed, 6 el. Archer antenna at 20' with rotor. CST used, new underlined, all Es unless noted

05-29-95:  
1337 WDEK 92.5 IL DE KALB ("DEK") 1817  
1339 WBCM 93.5 MI BOYNE CITY ("BCM") 1389  
1346 KCRF 97.7 IA GRUNDY CENTER (ID) 944  
1348 WRJQ 94.5 MI EAGLE RIVER (local ad) 1255  
1351 KQDS-94.9 MN DULUTH ("KQ-95") 1245  
1358 WADE 97.7 MI RICE LAKE (ID) 1179

05-38-95:  
1810 XHPA2 96.7 BS LA PAZ (ID) 808  
1188 KEFZ 89.5 TX EAGLE PASS (tr; ID) 125  
1135 XHRO 94.9 PU PUEBLA (ID) 715  
1137 XHRH 93.3 PU PUEBLA (ID) 715  
1152 XHGW 94.9 MR CUERNAVACA (state ID) 735  
1288 XHNS 96.9 GR ACAPULCO (city ID) 878  
1218 XHJZ 94.7 QT QUERETARO (city ID) 625  
1533 XHRO 92.5 NL MONTERREY (tr; Stereo Rey) 282  
1546 XHPA 93.7 GR ACAPULCO (city ID) 878

06-02-95:  
0959 16-- 92.3 Gua GUATEMALA CITY ("R. Universidad") 1128

06-03-95:  
1533 CTMX 88.7 ON WINDSOR ("89-1") 1238  
1538 CJBX 92.7 ON LONDON (local wx) 1342  
1716 WCLR 95.7 OH Piqua ("Cool 95") 1095  
1722 WTTT 92.3 IN BLOOMINGTON (ID) 984  
1723 WLCB-184.1 IN MUNCIE (ID) 1049  
1728 WKIO 92.5 IL URBANA (local ads) 938  
1738 WGRD-97.9 MI GRAND RAPIDS ("GRD") 1166  
1732 WTRJ 96.9 OH TROY (ID) 1092  
1736 WJOL 94.5 OH ENGLEWOOD (area ad) 1084  
1737 WLVF 96.9 MI GRAND RAPIDS ("LAV") 1182  
1738 WRCT 93.7 MI GRAND RAPIDS (city ID) 1161  
1741 WTKY 184.1 IN EVANSVILLE (ID) 861  
1743 WNCI 97.9 OH COLUMBUS (ID) 1148  
1749 WOKS 96.9 KY PARIS ("Kiss 96.9") 1818  
1752 WCEN-94.5 MI MT. PLEASANT ("CEN") 1236  
1753 WRKR 92.5 KY OWENSBORO (ID) 868  
1759 WMMG-93.5 KY BRANDENBURG (ID) 923  
1805 WTVB 97.7 MI SANDUSKY (ID) 1295  
1812 WBYB 96.5 OH HAMILTON ("Y-96") 1058  
1813 CIDR 93.9 ON WINDSOR ("The River") 1233  
1814 WYEZ 96.9 IN BREMEN (ID) 1085  
1838 WBYR 98.9 OH VAN WERT (ID; "The Bear") 1184  
1848 WERY-184.9 IN MUNCIE ("Dixies 185") 1846  
2001 WKSU 89.7 OH KENT (ID) 1258

## Pugh, cont. FEBRUARY 1995

12/26 Es  
1230 XHAAA 93.1 TM Reynosa  
X--- 92.3 TM Rio Bravo  
1232 KBNL 89.9 TX Laredo, "R. Manantiel"  
1300 KHOY 88.1 TX Laredo  
1305 XHLD0 88.9 TM Nuevo Laredo, "R. Tam"  
1308 KMKR 93.9 TX Corpus Christi,  
"Mix 93.9"  
1311 KZFM 95.5 TX Corpus Christi,  
"Hot 295"  
1311 KYTX 97.9 TX Beeville  
1314 KVET 98.1 TX Austin, ads  
1331 XHCHF104.5 CI Chihuahua  
1337 KKDA 104.5 TX Dallas, "K-104"  
1344 KODM 97.9 TX Odessa  
1348 KRCS 103.3 TX Midland  
1354 KYRK 100.9 NM Eunice, k, \$, ID  
1410 unID 95.5 "K-LAS" ??  
1412 KWES 93.5 NM Ruidoso, "K-Buy"

CONT...

## SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

## FEBRUARY 1996

SOUTHERN FM D is for reporters from: AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, & WV. HAPPY NEW YEAR, 1996!

## DEADLINE: 14th

No SFM column for January due to no reports received. However this month several reports highlight the off season Es activity that happened around Dec. 26-27. Elsewhere Pat Dyer updates his prodigious DX activity for 1995.

Doug Smith (W9WI), 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Equip.: Technics ST-G50, Archer VU-160 at 15'

10/10 gw 90  
0856 WIGH 88.7 TN Lexington, ID,s/off(KMKR  
& and KBNL(2nd time)logged on car radio in  
west Nashville. Would put them in my  
Nashville log if I could find it!)  
12/26 Es  
1217 KBNL 89.9 TX Laredo, Spanish-lang. rel.  
1246 KOYE 94.9 TX Laredo, "Laredo's Country  
Y-95" 950

KHOY 88.1TX Laredo, EZ listening 950  
Mexican unIDs: 91.5 Estereo Plata with  
children's classical 91.7 adcon, 94.7  
country, 97.3 mor, 100.9 chr, 96.5 adcon  
1345 KMKR 93.9 TX Corpus Christi, call ID  
"Mix 93.9" 850  
1349 KBNL 89.9 TX Laredo, more Spanish rel.  
2332 unID 89.7 skip stayed in TV until at  
least 0220

On Dec. 26, I decided to return my obviously defective fall tropo season to the DX store & exchange it for a winter skip season that might fit me better. They did an excellent job, HI! Seriously, there'd be a lot more DX in this report if I didn't have to go to work - had to leave in the middle of openings on both the 26th and 27th. Unfortunately, things stopped after the 28th. With the unusually cold fall and winter, there's been almost zero tropo - just some enhancements to Memphis. TV was open for at least 10 hours each on Christmas and the 26th.

Fred Laun, K3ZO, 5801 Huntland Road, Temple Hills, MD 20748

Equip.: Denon TU-800 tuner, antenna: Winegard #35"

12/26 Es  
1709 KFYZ 98.3 TX Bonham, local ads  
1819 KWKH 94.5 LA Shreveport, ID  
1821 KBEZ 92.9 OK Tulsa, ID

12/26 Es  
1825 KOAS 92.1 OK Broken Arrow, "The Oasis"  
1853 KBZB 92.9 KS Emporia, Emporia Police  
1859 KERE 93.7 KS Horton, ID, "Care Radio"

Hank Holbrook, 407 Arundel Road, Fair Haven Cliffs, Dunkirk, MD 20754

Equip.: Toyota 1990 AM/FM auto radio with standard auto whip. Dec. trip to Georgia, 4th trip south in past couple of years!

94.5 KF2XBP Atlanta, GA, 12/10 1520 FM TIS STATION-AIRPORT

This is the AVIS TRAVELERS NETWORK, handled by Capital Broadcasting Systems, Inc. (515 Madison Avenue, NY, NY 10022) Suite 1111. 20 minute loop tape narrated by George Plimpton carries "sports trivia, updates on today's hottest money matters, the latest took reviews and more. Also carries commercials! ATT / Hilton-AVIS/ Planet Hollywood restaurants plus local commercials. Have sent a report asking for list of the AVIS Net. stations. Tape presentation very well done! Avis Concierge Service Phone #1-300-941-AVIS. (Thanks to tip from Gus Mancuso in WIFDA bulletin pg. 39, Nov. 1995.) (With the commercials I wonder how legal this operation is with the FCC? This is another example how national FM translator networks are going to screw up DXing. DB)

Keith D. Pugh, 277 Martin St, New Hope, AL 35760

11/4 ms  
0000+unID 102.3 "Real Radio"  
00?? unID 102.3 "New Music 102"  
11/5 ms  
00??+unID 93.5 "...WCHA..."  
12/12 ms  
2134 KQCSt 93.5 IA Bettendorf  
23??+unID 93.5 "and 1230 AM", (P.Harvey)  
? unID 93.5 ...Rock 293"

12/13 ms  
00??+unID 93.5 "R. France Int. B'casting"  
2144 unID 102.3 PH #796-6666  
2206 KRQC 102.3 NM Detroit Lakes, "Real  
Country 102, KRQC"  
2249 unID 105.3 "Lite Mix 105.3"  
2252 unID 105.3 "This is WBTE" ??  
12/14 ms  
00?? WBUC 101.3 WV Buckhannon, ID

cont.

SOUTHERN FM DX

Table with columns: Call letters, Frequency, State, and Station name (e.g., 1101 WINK-96.9 FL FORT MYERS (local ad) 1039).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 1448 ZHH-98.7 SD HERMOSILLO (town ID) 735).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 0844 KXII-93.7 NM GALLUP (area ad;\*93-1\*) 722).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 1153 WPEG 97.9 NC CONCORD (ID) 1122).

Dyer, cont.

Table with columns: Call letters, Frequency, State, and Station name (e.g., 06-13-95; 0949 WJZH 92.3 OH CLEVELAND HEIGHTS (\*Jammin' 92\*) 1263).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 06-15-95; 0817 KMFH 92.3 TX MIDLAND (tr;ID) 284).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 06-18-95; 0939 WKXS 92.3 GA MACON (\*Kissin' 92.3\*) 912).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 06-26-95; 1246 KTDZ 92.5 CO GREELEY (\*2-92.5\*;area ads) 815).

FEBRUARY 1996

SOUTHERN FM DX

Table with columns: Call letters, Frequency, State, and Station name (e.g., 06-28-95; 1182 WTKA 92.3 FL ORLANDO (\*X-92\*;k) 1056).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 07-01-95; 1042 WAIR 92.5 MI ATLANTA (area ad) 1323).

Dyer, cont.

Table with columns: Call letters, Frequency, State, and Station name (e.g., 1314 WPTI 107.9 IN INDIANAPOLIS (ID) 1004).

Table with columns: Call letters, Frequency, State, and Station name (e.g., 1628 W086- 105.7 WV SALEM (area ad) 1233).





## SOUTHERN FM DX

(87-19-95:)				
0912 WVR	104.1	MI	GRAND RAPIDS (cx;state ID)	1165
0913 WOOD-	185.7	MI	GRAND RAPIDS ("Easy 185.7")	1165
0919 CUL	108.2	NE	CUSTER COUNTY (VDR;AM Morse ID)	831
0924 WKIO	92.5	IL	URBANA (area ad)	938
0927 KLXS	93.5	SD	PIERRE (local ad)	1033
0936 KDJS	95.3	MN	WILLMAR (local ad)	1090
0937 KXOK	95.7	MN	MORRIS (local ad)	1123
0939 KAML-	96.9	WY	GILLETTE (ID)	1090
0941 WKTI	94.5	WI	MILWAUKEE (area ads)	1110
0949 KGRS	107.3	IA	BURLINGTON (ID)	800
0951 WPAY-	104.1	OH	PORTSMOUTH (ID)	1093
0955 WPKR	98.9	IL	ROCK ISLAND (area ad)	939
0956 WOHY	95.5	KY	PRESTONSURG ("G-95")	1069
1000 WBYR	98.9	OH	VAN WERT (ID;"The Bear")	1104
1003 KRQE-	94.9	WY	SHERIDAN (ID)	1151
1006 WIKY	104.1	IN	EVANSVILLE (ID)	861
1011 KKEZ	94.5	IA	FORT DODGE (ID)	931
1012 WAGE-	97.7	MI	RICE LAKE (ID)	1179
1014 WCLR	95.7	OH	PIQUA ("Cool 95")	1095
1015 KEZY	102.1	MN	ST. PAUL (k;"K-102")	1100
1017 KWMC-	95.7	IA	WEBSTER CITY (local ad)	935
1019 KLBG-	92.7	IA	ALGONA (ID)	969
1021 KIAQ	96.9	IA	CLARION (area ads)	943
1025 KEGB	93.7	MN	MINNEAPOLIS ("The Edge")	1116
1025 KEZZ	95.7	ID	TWIN FALLS (ID)	1267
1027 KLZY	92.5	WY	PONELL ("Z-92")	1187
1029 KITH	93.5	MN	NORTHINGTON (ID)	907
1032 WHIL	94.5	KY	LEXINGTON ("Mix-94.5")	1005
1034 WBCT	93.7	MI	GRAND RAPIDS (k;"B-93")	1161
1034 WKHY	93.5	IN	LAFAYETTE ("KHY")	998
1037 KLBG-	97.7	MN	REDWOOD FALLS (local ad)	1057
1038 KMTN	96.9	WY	JACKSON (local ad)	1175
1053 WKUJ	95.9	IN	MABASH (ID)	1064
1053 WNCI	97.9	OH	COLUMBUS (ID)	1140
1054 WTLB-	105.7	IN	INDIANAPOLIS (area ad)	1004
1100 WMBL	106.5	IN	WASHINGTON (ws;"Bullet")	909
1102 WTHI-	99.9	IN	TERRE HAUTE (ID;"1-99")	937
1102 WSHW	99.7	IN	FRANKFORT (area ad)	1020
1103 WMBI	100.7	IN	TERRE HAUTE (local ad)	934
1106 WAXI	104.9	IN	ROCKVILLE (area ad)	954
1110 WHIC-	94.3	KY	HARDINSBURG ("The Wolf")	915
1114 WERY-	104.9	IN	MUNCIE (ID)	1046
1115 WFRQ	94.9	TN	WAYNESBORO ("The Frog";area ad)	748
1117 WMAP-	93.1	IN	INDIANAPOLIS (ID)	1006
1117 WZBD	92.7	IN	BERNE (ID)	1065
1118 WRTU	93.3	IN	KENDALVILLE (ID)	1111
1118 WTP1	107.5	IN	INDIANAPOLIS (ID)	1004
1122 WZHT	105.9	IL	MAHOMET ("Z-Rock")	942
1123 WBCY	106.3	IL	GIBSON CITY (local ad)	959
1123 WSM1-	106.1	IL	LITCHFIELD (ID)	846
1127 WFMF	98.7	IL	CHICAGO (cx)	1053
1128 WKLH	96.5	WI	MILWAUKEE (ID)	1110
1129 WVVJ	103.1	IL	HIGHLAND PARK (ethnic)	1061
1131 WGLT	92.7	IL	TAYLORVILLE (ID)	873
1135 KICK	97.9	MO	PALMYRA (area ad)	816
1135 WNI2	96.9	IL	ZION (cx)	1070
1140 WNKZ-	93.7	WI	MONROE (local ad)	1030
1142 WKLP	96.9	IL	NOLINE ("97-1")	939
1143 WSOY	107.3	WI	FORT ATKINSON (ID)	1069
1153 KZZR	99.1	TX	DENTON (tr;area ad;Tejano)	277
1159 WAKN	93.3	OH	CINCINNATI (local ad)	1042
1200 WGMF	95.7	IN	JEFFERSONVILLE (local ad)	940
1515 KIOZ	92.7	WY	RAWLINS (ID)	976
1531 KZDG	92.5	CO	GREELEY (area traffic report)	815
1538 WMYD-	96.5	WI	SHERIDAN (ID)	1150
1540 KLBG	92.7	WY	BUFFALO (area ad)	1117
1541 KMBW	94.5	WI	CASPER (local ad;"Magic 94")	1011
1558 WJJO-	92.5	WI	TOMAHAWK (ID)	1206
1612 KBNY	100.7	WY	GILLETTE (local ad)	1080
1619 KYVA	93.3	MT	BILLINGS ("Y-93")	1244

## Dyer, cont.

(87-19-95:)				
1625 KYLN-	101.7	WY	WHEATLAND (ID)	937
1650 KDZN	96.5	MT	BLENDEIVE (local ad)	1260
1700 WHTD	93.7	WI	THREE LAKES (area ad)	1235
1713 WZPK	93.5	MI	HANCOCK (ID)	1329
1713 WJPD-	92.3	MI	ISHPEMING (ID)	1319
1714 WCON	97.1	MI	SPARTA (k;area ad;"Cow-97")	1007
1716 WUPM	106.9	MI	IRONWOOD (local ad)	1261
1720 WRJO-	94.5	MI	EAGLE RIVER (local ad)	1255
1721 WPRE-	94.3	WI	PRAIRIE DU CHIEN (area ad)	1025
1726 WPKZ	104.1	MI	MERFILL (area ad;"Z-104")	1182
1727 WGCC	106.3	MI	LA CROSSE ("CC-106")	1067
1727 WAVE	105.1	MN	DULUTH (local ad)	1245
1736 KDKZ	105.7	IA	WATERLOO (ID)	963
1746 WSPJ	95.7	MI	LA CROSSE (local ad)	1057
1750 KRCH	101.7	MN	ROCHESTER ("Laser 101.7")	1062
1750 KFIL-	103.1	MN	PRESTON (area ad)	1043
1752 WVRG-	102.3	MI	VIROQUA (local ad)	1059
1753 WTBX	93.9	MN	HIBBING ("TBX")	1271
1754 KCVJ	98.5	IA	CEDAR FALLS (area ad)	959
1755 KSKJ	99.1	IA	BROOKLYN (ID)	911
1756 KDAL-	95.7	MN	DULUTH (local ad)	1244
1759 WIFC	95.5	MI	MAUSAU (local ad)	1171
1811 KGIC	102.5	MN	WILLMAR (area ID)	1102
1810 WLHT	95.7	MI	GRAND RAPIDS (ID)	1176
1824 WAIR	92.5	MI	ATLANTA (ID)	1323
1828 WKJZ	94.9	MI	HILLMAN ("KJZ")	1330
1830 WGMF	105.1	MI	CHEBOYGAN (ID)	1342
1839 WBCM	93.5	MI	BOYNE CITY (area ad)	1309
1840 WCMW	103.9	MI	HARBOR SPRINGS (cx)	1329
1940 KMCH	92.5	MT	MILES CITY (ID)	1229
1941 KTEZ	93.5	UT	ST. GEORGE ("Sunny 93.5")	1010
1944 KBRE-	94.9	UT	CEDAR CITY (area ad)	1009
1947 KFDX	93.5	CA	REDONDO BEACH (Korean)	1077
1949 KUNV	91.5	NV	LAS VEGAS (ID)	1052
1957 KEVY	93.1	NV	LAS VEGAS (area ad)	1077
1954 KKMV	93.9	SD	RAPID CITY (local ad)	1030
1958 KKMV	92.5	ID	RUPERT (ID;"Cat Country")	1235
2022 XHRM	92.5	BCN	TIJUANA ("The Flash")	1111

## 87-20-95:

2055 W02Z	93.5	WI	NEW LONDON (ID)	1176
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## 87-21-95:

0946 WVOH-	93.5	GA	HAZLEHURST (local ad)	964
0949 WNWZ	93.3	SC	SUMMERVILLE (ID)	1120
0949 WKKZ	92.7	GA	DUBLIN (ID)	951
0951 W0ZY	95.7	GA	DUBLIN (area ad)	953
0952 WMYM	97.7	SC	GEORGETOWN (area ad)	1102

## (87-21-95:)

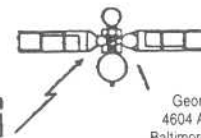
0952 W0BZ	98.9	SC	MC CLELLANVILLE (area ad)	1149
0953 WHLZ	92.5	SC	MANNING (area ad;ID;"Wheels")	1120
0958 W0BZ	97.7	GA	SPARTA (area ID;"Z-97")	951
1000 WYAV	104.1	SC	CONWAY (ID)	1102
1744 W0HR	93.1	KY	PIKEVILLE (ID;"Power Country")	1073
1750 W0XZ	93.5	VA	BIG STONE GAP (ID;"93-1")	1040
1750 W223AA	92.5	VA	BIG STONE GAP (//93.5)	1046
1758 W0NC-	92.5	VA	WINCHESTER (ID)	1359

## 87-25-95:

0915 WMLX	94.5	KY	LEXINGTON ("Mix 94.5")	1005
0950 WRVC	92.7	KY	CATLETTSBURG (ID)	1104
0951 WRRR-	93.9	WV	ST. MARVS ("93-R")	1200
0954 W0CJO	97.7	OH	JACKSON (Reds bb promo WYFC)	1123
0956 WPAY-	104.1	OH	PORTSMOUTH (ID)	1093
0959 W0NV	93.5	OH	BARNESVILLE ("V-93")	1217
1001 W0NO	105.9	PA	PITTSBURGH (ID)	1294

DYER, CONT. NEXT MONTH.....

## SATELLITE NEWS



George W. Jensen  
4604 Anntano Avenue  
Baltimore MD 21206-4220

THE SMITH-CORONA IS OUT OF RIBBON. THERE HAS BEEN NO MAIL PICK-UP OR DELIVERY FOR OVER A WEEK AND I'M SNOBOUND. SO THIS IS BEING WRITTEN ON AN ANCIENT WORD-PROCESSOR AND WE'LL SEE WHAT HAPPENS.

GALAXY 3P AT 95 WEST IS NOW LAUNCHED, TESTED, AND IN USE. BELOW ARE SOME OF THE LATEST SERVICES TO APPEAR.

- 10 - SHOWTIME 2 - DELETE FROM T3-18
- 16 - HB02 EAST - DELETE FROM G7-8
- 17 - CINEMAX 2 - DELETE FROM G1-23
- 19 - HB03 - DELETE FROM G7-24
- 20 - HB02 WEST - DELETE FROM G7-14
- 24 - FLIX - DELETE FROM T3-16

IN OTHERNESS -

TURNERVISION IS NOW ON G7-18 FROM T-302  
BET-ON-JAZZ - A NEW SERVICE HAS PREMIERED ON G7-22  
SERBIAN TELEVISION HAS REAPPEARED IN NTSC FORMAT ON PANAMSAT  
1 XPRD 4 - UNIDEN RECEIVER FORMAT  
ASIANET IN NOW ON ORION XPRD 26 IN PAL FORMAT UNIDEN RECEIVER

ARNA AND CUBAVISION WHO WERE ON EKSPRESS XPRD 6 AT 14 WEST HAVE DISAPPEARED

PEOPLE ON THE WEST COAST LET ME KNOW YOUR TRANSPACIFIC LOGGINGS. THERE ARE SEVERAL NEW BIRDS OUT THERE BEAMING INTO THE WEST COASTAL AREAS. THAT'S ALL FOR NOW - SEE YOU IN 30.

## ST. LOUIS DX GET-TOGETHER '96...It's Coming!

This is the third year for the St. Louis DX Get-Together, fast becoming a high spot on the DX calendar in the Heartland. It is open to all DXers.

Dates: April 19-20-21, 1996

Primary Meeting Place: Budgetel, 318 Taylor Road, Hazelwood, MO (located next to Jack-In-The-Box), east of Lindbergh Boulevard (U.S. 67). Exit 25 off I-270.

Reservations: (314) 731-4200

Plans: AM/FM/TV station tours, tour of Amateur Radio bulletin station WA0RCR-1860 kHz, DX quizzes for SW and AM/FM/TV DXers, our popular Saturday night Italian dinner, DX sessions.

Amateur Radio Talk-In: 146.55 MHz simplex

More information: Eric Bueneman-N0UIH, (314) 839-9751 or via the Internet at EBSDJDX@aol.com