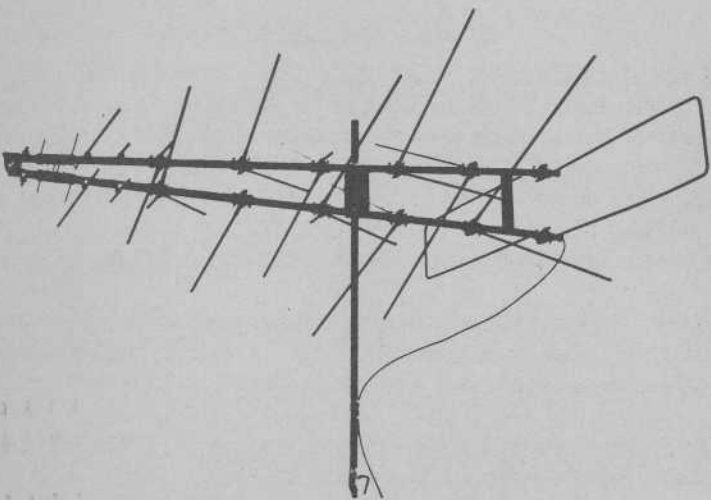


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

AUGUST 1995



THE "SEASON" STARTS SLOW, BUT...

**WOW! E-SKIP SIZZLES  
IN JULY AS "HEAT  
WAVE" TROPO  
BEGINS....**



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:

**DEATH OF A CLUB MEMBER:** It is with regret that we notify WTFDA members of the death of Michael Goetsch of Cleveland, Ohio. Michael enjoyed many facets of our hobby and in addition to his WTFDA affiliation, he had recently joined both the IRCA and NRC. He had been ill for several years and was hospitalized on numerous occasions. Failing health prevented him from actively pursuing his role as host of the 1992 WTFDA Convention in Pittsburgh. We wish to add our condolences to those of other friends and fellow dxers.

**REMINDER:** Be sure to answer the questions and return the membership survey which will be included in *next* month's *VUD*. Your opinions are important, but unless you express yourself, there's no way to know what's on your mind.

**WANTED:** Contributions for the newly re-activated "TV PHOTO NEWS" and "MAILBOX" (which returns in this issue) columns. Submit material to Jeff Kruszk and Matt Sittel, respectively.

**NEXT MONTH:** A report on the 1995 WTFDA Convention at the Whiteface Chalet near Lake Placid, NY. Pre-convention registration indicated the potential for a good turnout, and host Peter George was set to serve up a super weekend including a mini dx-pedition to the summit of Whiteface Mountain.

## BIDS FOR THE 1996 WTFDA CONVENTION ARE NOW BEING ACCEPTED.

All submissions should be mailed to convention coordinator Tom Bryant at 849 Todd Preiss Dr., Nashville, TN, 37221. Deadline is September 30. Please include as much information as possible (even though it may be tentative) about the proposed location, facilities, field trip possibilities, your past convention attendance history, and any other pertinent information. For more information phone 615-646-2000 (no collect calls, please).

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

# WTFDA Mailbox

August 1995 - THE forum for club commentary and new members!

After a long hiatus from the pages of the *VUD*, WTFDA Mailbox is back! Some of you may remember this column from awhile back. This version is a combination of the old Mailbox and Feedback columns. It's YOUR place to express your opinion, to provide suggestions, or to introduce (or re-introduce!) yourself to the membership. There are a few simple ground rules for submitting items to this column, which are outlined below.

- \* No personal attacks of any kind will be published.
- \* The editor may find it necessary to edit your letter. Such reasons may be for clarity, language, or brevity.
- \* When submitting a letter, please type or write neatly. Submissions cannot be returned. You may send your letters via electronic mail or regular mail. The deadline for each column will be the 1st of the month, but items received after that date may get into the column if time and space permit. The column will appear as often as member input dictates. Hope to hear from you!!
- \* No purchase necessary. Void where prohibited.

## \*\*\*MEMBERSHIP SURVEY\*\*\*

In the SEPTEMBER '95 *VUD* (hopefully) you will find the **WTFDA Membership Survey**. Please take a few moments to fill it out. Return the survey to me at the address at the upper-right hand corner of this page **no later than October 1, 1995**. Results will be published in an upcoming *VUD*. This is another way you can let us know if the club suits your needs. WE NEED YOUR INPUT!!!

Michael Hawk, 10212 P St., Omaha NE 68127-2130

To start things off, I'd like to say how great it is to see this new era in the WTFDA history. It's nice to see the forums, such as the Mailbag column and the "From The Staff" column back again. It seemed that basically from the time I joined until just recently, most actions within the club were very secretive. No one really knew who was making the decisions. It is nice to know that someone listened to our requests.

With that out of the way, I'll give a brief re-introduction. I'm a college student, majoring in electrical engineering at the University of Nebraska-Lincoln, entering my sophomore year. I've been FM DX'ing for about 4 years, and a DX'er for about 13 years (mainly of AM in those days). I've been known to dabble with TV occasionally. Over these years, I've picked up 47 states (still looking for VT, AK and HI), 6 provinces and 4 Mexican states. Best catches include DePew NY on tropo (890 miles), Lake Jackson TX on tropo, and maybe the strangest catch was an IL station on sporadic-E (only about 400 miles distance). I use a Kenwood KT-815 analog tuner with an IF mod, and a 10 element antenna on our roof.

DX'ing this year has really been minimal for me. Few openings combined with a time consuming CADD job have yielded minimal DX results.

It is very unfortunate to see the dues increasing once again. In the few years I've been a member, they have increased from \$17 to \$24. Let's hope that this is the last increase for a while. \$24 is cutting it a little too close for my budget. 73

Matthew C. Sittel (76255.2171@Compuserve.com), Bear Creek Lane, Apt. A-4, Asheville NC 28806

Since there is space this month, I'll take a moment to re-introduce myself to the club as well. I'm 25, and currently am employed as a meteorologist for a contractor to the National Climatic Data Center. I moved here just after Christmas 1994 from Tallahassee, FL, where I got my master's degree at Florida State University in August 1994, then was employed as a research assistant there for 4 months while I waited for the government red tape to be cut! While DX has yet to prove as plentiful as it was in Florida, there IS something to be said for cooler weather and being just 80 miles from my family in Kingsport TN, my hometown. I've been in the club nearly 9 years, and I enjoy DXing TV, FM and NWS bands, along with AM, especially during the off-season. In my spare time (what little there seems to be!) I enjoy golf, bowling, and travelling. Like some other club members I have a desire to visit every county in the United States, I'm almost halfway there, having visited 46 states. I also collect license plates (anybody have a license plate they'd be willing to give away or trade for something? Drop me a line!), telephone books, maps, and the usual DX fare, TV Guides, coverage maps, and bumper stickers.

I'm happy to be editing my third column, maybe this one won't die of malnutrition like NWS News and CCI did. I look forward to editing this column, as I think we really need a voice for the membership; it's been gone for some time now! I'd like to congratulate the new members of the WTFDA Board of Directors. They're all dedicated to advancing the hobby and the WTFDA. I know they will do a fine job!

I hope you'll contribute to Mailbox. Until next time.....73s Matt. 3

# FM NEWS

August 1995

editor- GREG CONIGLIO  
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Many of the items listed in this column are taken from the publication:  
M Street Journal - 304 Park Ave. So. 7th Floor - New York, NY 10010  
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.  
NO: station is not on the air  
NS: a new station granted a license  
NW: new station signs on the air  
OSA: One-step application  
PA: proposed amendment to change table of allocations  
PG: 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  
XC: station granted a transmitter (xmtr) site change



## UNITED STATES

### ALABAMA:

Dora: \*\*\* 92.5 GA for class A  
Florence: WXLX 96.1 FC to country  
Meridianville: WDJU94.1 NW, hot AC //WWXQ  
Montgomery: WLWI 92.3 adds After Midnight  
Northport: WLXY 100.7 PG> 11.6 kW, 485 ft, class C1  
XC: 33-12-29/87-43-10  
Warrior: WLBI 98.7 PG> 6.2 kW, 656 ft, class C3  
XC: 3353-34/86-50-09

### ALASKA:

Anchorage: KNBA 90.3 NO-GE  
Cordova: \*NS 100.9 AF  
Dillingham: KRUP 99.1 NW (August), to be country  
CC (ex KPVV)  
Fairbanks: \*\*\* 96.9 GA for class C3  
Haines: K235AJ 94.9 NS-115w: KRSA 580 Petersburg  
Juneau: KAKZ 100.7 6kW, -1058 ft., CC (NS)

### ARIZONA:

Apache Jct: KVVA 107.1 NO-GE (3rd) for 25 kW, 312 ft.  
Bagdad: \*\*\* 103.1 GA for class C3  
Flagstaff: KNAQ 91.7 CC (ex KAKH)  
L. Havasu City: KBBC101.1 adds talk on mornings to CHR  
Phoenix: KHTC 96.9 inc. to 1565 ft.  
Yuma: \*NS 91.9 AF

### ARKANSAS:

Bald Knob: KKSX 107.1 PG> 19 kW, 305 ft, class C3  
Camden: KCXY 95.3 GA: to class C1, CL East Camden  
Crosssett: KAGH 104.9 PG> 6 kW, 269 ft.  
DeQueen: KDQN 92.7 PA: to 93.3 class A  
DeWitt: KDEW 96.7 FC to country (&) (BMN)  
Hatfield: \*\*\* 104.1 PA for class C2  
Hummoke: KARN 101.7 to be news/talk (Little Rock)  
Huntsville: KREB 99.5 OSA for class C3, 13.5 kW  
Jacksonville: KDDK100.3 PG< 85 kW, 1053 ft.  
CO: 34-47-53/92-29-33  
Lakeview: \*\*\* 93.5 PA for class C3  
Mena: KOUA 96.3 FC to classic hits (Branson Music Network)  
Mountain Home: KTLO98.3 QG for 97.9, C2, 50kW, 492 ft.  
Pine Bluff: \*NS 91.1 AF (Amer. Family Assoc.)

### ARKANSAS:

Stamps: \*\*\* 104.3 GA for class A (from 95.5 - A)  
Viola: \*\*\* 94.3 PA for class C3  
White Hall: KWDA104.5 NO-GE (2nd), PG> 6 kW, 164'  
CO: 34-14-47/92-00-57

### CALIFORNIA:

Arnold: KBYN 95.9 NO-GE  
Arnold: KCFA 106.1 PG> 3790w, class B1  
Bakersfield: KERN 94.1 PG> 6300w, 1332'  
CO: 35-26-17/118-44-22  
Big Bear Lake: KXSB 101.7 SI, may return with Spanish  
CC (ex KTOT)  
Bishop: K204CH88.7 NS-120w: KAWZ 88.9 ID  
El Rio: KHUL 103.7 478w, 807 ft., CC (NS)  
Healdsburg: \*\*\* 96.7 PA to add class A  
Idyllwild: KATY 101.3 NC to 1150w, 736 ft, GE  
Ludlow: KDUU105.7 NO-GE (4th)  
Mendocino: KAKK 89.3 CC (NS)  
Morro Bay: KWVV 99.7 PG< 265w, 1532 ft.  
CO: 35-21-40/120-39-21  
Oroville: KEWE 97.7 NC to 1.5 kW, 1276 ft, GE  
Paso Robles: KDDB92.5 PG< 4.8kW(h), 4.3 kW(V)  
1486 ft, CO: 35-21-40/120-39-21  
Petaluma: KZST2100.1 NS-1100w: KZST Santa Rosa  
Redding: \*NS 91.1 AF (Christian Arts & Education)  
San Diego: KSON 97.3 adds After Midnight  
San Francisco: KYCY93.3 adds After Midnight  
San Luis Obispo: KJG98.1 PG< 4.5 kW, 1519 ft,  
CO: 35-21-40/120-39-21  
San Luis Obispo: KZDZ 93.3 PG< 23 kW, 1548 ft,  
CO: 35-21-40/120-39-21  
Santa Ana: KYMS 106.3 FC to ethnic (Asian) (Orange Co.)  
Soledad: KLUE 106.3 FC to country "Klue Kickin"  
Yreka: KNYR 91.3 PG< 400 w, 2366 ft.

### COLORADO:

Basalt: KNFO 106.1 NW, news, talk, sports (Aspen)  
Denver: KIMN 100.3 CC (ex KMJI), "Kim 100"  
Durango: KWXA 99.7 NW, Real Country (&)  
Fl. Collins: KPAW107.9 CC (ex KIMN), FC to gold-based  
AC, "Bear"  
Norwood: K210BP89.9 NS-10w(v): KVNF 90.9 Paconia  
Ouray: KURA 105.7 RA with country //KZKS  
Pueblo: KNKN 107.1 increases to 312 ft.

### CONNECTICUT:

Pawcatuck: WKCD107.7 NO-RE

## FM NEWS

### DISTRICT OF COLUMBIA:

Washington: WKYS93.9 FC to urban (from urban AC)

### FLORIDA:

Crawfordville: WAKU94.1 NO-RE  
Haines City: WLVF 90.3 CX for 3 kW, 300 ft.  
Homestead: WXDJ 95.7 PA: CL to N. Miami Beach, cl. C2  
Inokalee: WGCO 92.1 PG> 4.1 kW, 397 ft.  
Indiantown: WPBZ103.1 FC to new rock  
Jupiter: \*NS 105.5 3 kW, 266 ft., OSA to class C3  
PG> 10 kW, 476 ft. CO: 26-53-21/80-08-51  
Lakeland: WSJT 94.1 CC (ex WEZY), FC to jazz  
"Smooth Jazz" expected by July (Tampa)  
Melbourne: W227AF93.3 NS-55w(v): WSCF 91.9  
Micanopy: WRRX 97.7 NC to 3.2 kW, 495', RX (7th)  
Monticello: WJPH 101.9 PA to 105.7, class C3  
Ormond-by-the-sea: WNDB 95.7 3 kW, 328 ft., CC (NS),  
OSA for class C3, 18.5 kW, 380 ft  
XC: 29-14-10/81-04-23  
Panacea: \*\*\* 100.5 XA for a class A  
Perry: WNFK 105.5 GA to 92.1, class A  
Plantation Key: WPBZ 103.1 PG> 25 kW, 246 ft, class C3  
Quincy: WTPS100.7 GA for C3, CL = Midway, FL  
Quincy: WXSR101.5 PA: to class C2, CL of Woodville  
St. Augustine Bch: WJQR 105.5 CC (NS)  
Sanibel: WRWX 98.5 GA to class A, CL: San Carlos Park  
Vero Beach: WPAW99.7 CC (ex WWDO)  
W. Palm Beach: W262AE 100.3 NS-250w(v): WWFR 91.7

### GEORGIA:

Chatsworth: WQMT 98.9 PC< 1.3 kW, 703 ft.  
CO: 34-44-29/84-43-09  
Dalton: WYYU104.5 CC (ex WAKP)  
Demorest: \*NS 88.3 AF  
Fayetteville: WQUL97.5 RA, soon with urban "Hot 97.5"  
Hogansville: WZLG98.1 QC from 97.5,  
now 14.5 kW, 426', C3  
St Simons Is: WMOG92.7 NC to 6 kW, GE (3rd)  
Springfield: WSGF103.9 PG> 6 kW, 328 ft,  
XC: 32-16-48/81-11-41  
Thomasville: WSN1107.1 NC to 100kW, 981 ft, RE

### HAWAII:

Hilo: KPVS 95.9 NW, adult contemporary  
Kekaha: KAUI 103.3 NO-GE (4th)

### IDAHO:

Hayden: KHTQ 94.5 CC (ex KKCH)

### ILLINOIS:

Mt. Sterling: WBRJ 106.7 CC (NS)

### INDIANA:

Knightstown: WKPW90.7 PG> 400w(h), 4kW(v), 167 ft.  
Liberty: WUIS 91.9 CC (ex KWJC)  
Santa Claus: WAZU103.3 CC (ex WAIX)

### IOWA:

Forest City: \*NS 91.9 100w(v), 95 ft, Waldorf College

### KANSAS:

Copeland: \*\*\* 103.9 PA for class C1  
Haviland: K220FA91.9 NS-171w(v): KJIL 99.1 Copeland  
Ingalls: \*\*\* 105.9 GA for class A  
Scott City: K220FB91.9 NS-220w(v): KJIL 99.1 Copeland

### KENTUCKY:

Bowling Green: W201AY 88.1 NS-13w: WAYM 88.7 TN

102.1 FM/1450 AM

KSIG

## AUGUST 1995

### LOUISIANA:

Basile: KSIG 102.1 PC> 50 kW, 492 ft, class C2  
XC: 30-19-59/92-21-29  
Gibland: \*\*\* 95.5 GA for class A  
Homer: KZXB 106.7 NO-RE (3rd)  
Lafayette: KRRQ 95.5 PG> 50 kW, 442 ft, class C2  
CO: 30-21-08/92-10-51, NO-GE (5th)  
Leesville: KVVP 105.7 PG> 13.6 kW, 447 ft.,  
XC: 31-00-19/93-16-42  
Minden: KASO 95.3 GA to class A on 95.7  
Moreauville: KLIL 92.1 PG> 6 kW  
Thibodaux: KTLN 90.5 NW, news, class, jazz //WWNO  
Tioga: KLAA 103.5 removes DA  
Vivian: KNCB 105.3 NO-GE (2nd)

### MAINE:

Augusta: WKCG101.3 adds Jones country (&)  
Bar Harbor: WMDI 107.7 NW, 70's oldies  
Kennebunkport: WQEZ 104.7 PG> 6 kW

### MASSACHUSETTS:

Boston: WBCS 96.9 NC to 21.5 kW, 771 ft, RE  
Falmouth: WFPB 91.9 CC (NS)  
Frammingham: WKLB105.7 CC (ex WCLB) because of  
ratings diary confusion with WCRB 102.5 Waltham  
Plymouth: WPLM 99.1 FC to jazz, "Smooth FM" (Boston)

### MICHIGAN:

Allegan: WNTX 92.3 FC to new rock, "Radio X"  
E. Lansing: WVIC 94.9 FC to new rock  
Frankenmuth: \*\*\* 93.7 PA for class A  
Houghton: WOLV 97.7 CX CP for 96.3 - 100 kW  
Ironwood: W20BAL89.5 NS-21w: KDNW 90.5 MN  
Ishpeming: WMOT107.7 CO: 46-28-45/87-37-30  
L'Anse: WAAE106.1 CC (NS)  
Norwood: WZNL 94.3 PG< 2.4 kW, 650 ft, class C3  
XC: 45-49-15/88-02-25  
Stephenson: WFON106.3 NO-GE

### MINNESOTA:

Coleaine: KGPZ 96.1 NW, SMN Real Country (&)  
Ely: KELY 92.1 SI, rumor-this station may be sold  
to Charles Kuralt  
Grand Marais: \*NS 95.3 AF  
Mora: KBK 95.5 NW, soft AC and oldies  
Paynesville: KZPK 98.9 NO-GE, PG> 47.3 kW, 499 ft.  
XC: 45-34-03/94-30-43  
Sleepy Eye: KNUJ 107.3 NW, adult contemp. (&)

### MISSISSIPPI:

Aberdeen: WWZQ105.3 PG> 27.5 kW, class C2  
DeKalb: \*\*\* 105.7 PA to add class C2  
Draw: WOHT 95.3 PG> 6 kW, 328 ft,  
CO: 33-44-17/90-39-29  
Grenada: WQXB100.1 NC to 21.8 kW, 741 ft, GE  
Hattiesburg: W287AG 105.3 NS-19w: WQST 92.5 Forest  
Holly Sps: WHILE 94.9 NO-GE (4th)  
Jackson: WMPN 91.3 CO: 32-14-26/90-24-15 (1099')  
Lumberton: WLUN 95.3 NC to 100 kW, 981 ft, GE  
McLain: WXAB 96.9 NO-RE (3rd)  
Moss Point: WYOK104.9 CC (ex WZBA), FC to urban  
Vicksburg: WJKK 98.7 CC (ex WIIN) FC to country  
SG "Capital" (Jackson)

### MISSOURI:

Buffalo: KBFL 99.9 FC to country (Branson Music Network)  
California: KATI 94.3 CC (ex KZMO)  
Columbia: K280EJ103.9 NS-97w: KLTE 93.9 MO  
Gainesville: KMAC 99.7 FC to country (BMN)  
Houston: KUNQ 99.3 NC to 33.4 kW, 604', GE (3rd)  
Liberty: KWJC 91.9 adds MGS cont. Christian (&)  
Marshall: KMVC 91.7 PG< 100w(v), 63 ft  
CO: 39-06-31/93-11-29  
Ozark: KCTG 92.9 CC (ex KTTG)



**Missouri:**  
 Poplar Bluff: KZMA103.5 NO-RE (5th)  
 Slayton: KJOE 103.1 CC (ex KLOH)  
 Springfield: KWND 88.3 RA with contemp. Christian  
 live in drive times. // WLFJ 89.3 SC rest of the time  
 Union: KLPW 101.7 adds CD Country (&)

**MONTANA:**  
 Bozeman: KATH 93.7 CO: 45-41-34 / 110-58-57  
 Columbia Fls: KCWC95.9 NO-GE  
 Dillon: K219CS91.7 NS-250w: KUFM 89.1 Missoula  
 Glendive: KDZN 96.5 FC to country

**NEBRASKA:**  
 Chadron: KALG 94.7 CC (NS)  
 Gering: \*NS 103.9 100kW, 908 ft.  
 Lincoln: KFBN 88.5 NO-RE (3rd)

**NEVADA:**  
 Boulder City: KQOL105.5 CC (ex KRRI), "Kool"  
 Fallon: KRNG101.3 CC (NS)  
 Las Vegas: KOMP 92.3 NC to 23 kW, 3844', GE (6th)  
 Las Vegas: KEYV 93.1 PC<24.1 kW, 3742ft.

**NEW HAMPSHIRE:**  
 Conway: WMLY104.5 NO-GE (6th), PG<2 kW, 394 ft.  
 XC: 43-56-48 / 71-08-24

**NEW JERSEY:**  
 Bridgeton: WNJB 89.3 NO-RE (4th)  
 Ocean City: WKOE106.3 CO: 39-13-45 / 74-40-54

**NEW MEXICO:**  
 Espanola: KPZA 92.9 CC (ex KOYT)  
 Hobbs: KIXN 102.9 CC (ex KOKN)  
 Las Vegas: KLVF 100.7 adds Jones AC (&)  
 Lordsburg: \*\*\* 104.9 PA for class C3  
 Roy: K285EN104.9 NS-250w(h), KENW 89.5 NM  
 Ruidoso: KWES 93.5 adds WW1 country (&)  
 Santa Fe: KRZY 105.9 CC (ex KOLT), FC to  
 classic country

**NEW YORK:**  
 Buffalo: WEDG103.3 CC (ex WUFX), FC to modern  
 rock, "103.3 The Edge"  
 Clyde: WECQ 93.7 NO-GE  
 Kingston: W272AV102.3 NS-10w: WBPM 90.9 NY  
 Liberty: WVO5 95.9 adds After Midnight  
 Newburgh: W299AG107.7 NS-10w: WAMC 90.3 Albany  
 Plattsburgh: WKOL105.1 CC (ex WEXP), RA, FC to  
 oldies, "Kool"  
 Southport: WOKN 99.5 PC>2650w, 489 ft.  
 Warrensburg: WKBE100.3 QC from 100.5, PC>1450 w, B1

**NORTH CAROLINA:**  
 Farmville: WRQR 94.3 FC to classic hits  
 Harker's Isl: WAED100.3 NO-GE  
 Harrisburg: WCCJ 92.7 FC to smooth jazz (Charlotte)  
 Rose Hill: WBSY104.7 PA to class C2, CL of Trenton

**NORTH DAKOTA:**  
 Watford City: K213BW 90.5 NS-28w: WAFR 88.3 Tupelo

**OHIO:**  
 Columbus: WJZA 107.5 NO-GE  
 Coshocton: WABP 91.1 CC (NS)  
 Delaware: WSLN 98.7 QC from 91.1, PC>19w(h)  
 42 ft, XC: 40-17-47 / 83-03-59  
 Reading: WMKV 89.3 PG>410w, XC  
 S. Webster: WZIO 94.9 FC to SMN Hot AC (&)  
 Swanton: WJUC107.3 CC (NS)

**OKLAHOMA:**  
 Durant: K207BS89.3 NS-250w: WAFR 88.3 Tupelo, MS  
 Norman: \*NS 89.3 AF (Amer. Family Assoc.)  
 Nowata: KOSY 101.5 GA to class C3, CL: Collinsville  
 Roland: KYUC 92.3 PG<740w, 932 ft, DA, XC:  
 35-31-22 / 94-24-32  
 Seminole: KIRC 105.9 NC to 105.5, 414 kW, 383 ft,  
 XC: 35-18-28 / 96-45-18  
 Weatherford: KWEY97.3 adds After Midnight

**OREGON:**  
 Ashland: KSRR 88.3 NW, info, class. // KSOR  
 Beaverton: KKCW103.3 CO: 45-31-22 / 122-45-07  
 Beaverton: K251AD98.1 NS-100w(v): KUPL 98.5 Portland  
 Cannon Bch: KAMF96.5 CC (NS)  
 Jacksonville: K281AG 104.1 NS-250w(h): KOPE 103.5  
 LaGrande: KWRL 100.1 NC to 99.1, 91.4 kW, RE  
 Milton-Freewater: KLYK 97.9 OSA to class C1, PG>20 kW  
 1289', CO: 45-47-47 / 118-06-48  
 Wolf Creek: K259AE99.7 NS-196w: KLDR 98.3

**PENNSYLVANIA:**  
 Bethlehem: WLVR 91.3 PG<13 w, 558 ft  
 XC: 40-36-04 / 75-21-34  
 Clarendon: WOVU106.9 NW, in Sept. with country  
 Coudersport: WFRM96.7 adds Jones country (&)  
 Mansfield: WNT 89.5 PG>3450w, -157 ft, CO: 41-48-21  
 / 77-04-15

North East: WRKT100.9 NC to 4.2 kW, 797 ft, DA, RE (2nd)  
 Oliver: WASP 94.9 PG: 1650w, 1233 ft, DA, class B1  
 Smethport: WQRM106.3 FC to adult standards (&)  
 Sunbury: W201AZ88.1 NS-11w: WVIA 89.9 Scranton

**RHODE ISLAND:**  
 Block Is: WVBI 95.9 expected on soon with classical  
 Wakefield: WDJG 99.7 NW, modern rock "The Edge"  
 CC (ex WUAE) (Providence)

**SOUTH CAROLINA:**  
 Bluffton: WLOW106.9 mod. CP for class C1, 799' XC  
 Blythewood: \*\*\* 94.3 XA for class A  
 Camden: WPUB 94.3 GA: to 102.7 class A  
 Johnsonville: WPDT105.1 NW, talk and sports  
 McClellanville: WWBZ96.9 FC to beach & blues "The Breeze"  
 // WHBZ Port Royal  
 Mullins: WWSK107.1 PC>50 kW, 492 ft, class C2  
 XC: 33-56-14 / 78-57-53  
 Orangeburg: WKSO103.9 reported SI  
 Pt. Royal: WHBZ 99.7 CC (ex WNCK), FC to beach  
 and blues, "The Breeze"  
 Sumter: WICI 94.7 NW, urban AC

**SOUTH DAKOTA:**  
 Madison: KJAM 103.1 PG>33 kW, 308 ft, class C2  
 Pierre: KLXS 95.3 NC to 49 kW, 502 ft, GE (3rd)

**TENNESSEE:**  
 Baxter: WBXE 93.7 NO-RE (2nd)  
 Benton: WBIN 93.1 NO-GE (3rd)  
 Bristol: WXBQ 96.9 PG>75 kW  
 Clinton: WDVX 89.9 NO-RX (2nd)  
 Dickson: WQZQ102.5 PG>100 kW, 813 ft, class C1  
 XC: 36-17-36 / 87-18-21  
 Elizabethton: WAEZ99.3 PC>3850w, 794 ft,  
 XC: 36-24-07 / 82-12-12  
 Henderson: WHHM107.7 adds Jones CD Country (&)  
 Lafayette: WLCT 102.1 LC  
 Lexington: WIGH 88.7 CC (NS)  
 Monterey: WANF104.7 CC (NS)  
 Soddy-Daisy: WFXS102.3 PC>6 kW

**TEXAS:**  
 Alice: KND 102.9 CC (ex KBIC)  
 Blossom: \*\*\* 92.7 PA to add class C2  
 Crane: KXKL 101.3 NW, regional Mexican (Odessa)  
 Cuero: KQRO 97.7 OSA for class C3, PG>25 kW,  
 302 ft, XC: 29-04-25 / 97-14-20

Dallas: KZPS 92.5 adds John Boy & Billy  
 Denton: KHCK 99.1 CC (ex KDZR), "Kick"  
 Eagle Pass: KEPI 88.7 NW, Spanish rel. // KEPX  
 Friona: KGRW 94.7 RA with Tejano. // KQFX (Clovis)  
 Giddings: KROX 101.5 NW, modern rock  
 Hearne: KHRN 94.3 QG to 103.1, 6 kW, 308 ft.  
 Kingsville: KNGV 92.7 OSA for class C2, 12.5 kW, 869'  
 Littlefield: KAIQ 95.5 PA to class C3, CL: Wolforth  
 Midland: KNFM 92.3 adds After Midnight  
 New Boeton: KEWL95.1 NW, oldies (&)  
 Plainview: K204CG88.7 NS-250w(v): KEAR 106.9 CA  
 Raymondville: KBIC106.9 NW, to be religion, CC (ex KARU)  
 Sherman: KWSM104.1 GA for class C3, CL: Sherman, TX  
 Tahoka: \*\*\* 103.5 PA to add a class A, and delete  
 the 95.3 - A proposed for this CL  
 Uvalde: KLUVA 102.3 reported SI  
 Waco: \*NS 94.5 3 kW, 327 ft.

**UTAH:**  
 Brigham City: KSOS106.9 FC to Adult Rock (&)  
 Centerville: KUMT 105.7 NC to 25.5 kW, RE (2nd)  
 Hanksville: K220FC91.9 NS-10w(v): KUSU 91.5 Logan  
 Junction: K274AH102.7 NS-10w(v): KSOP 104.3 UT  
 Richfield: KKWZ 93.7 NC to 33,720w, 3029 ft, GE (6th)  
 Teasdale: K233AF94.5 NS-10w(v): KUSU 91.5 Logan

**VIRGINIA:**  
 Alexandria: W249BE97.7 NS-10w(v): WJYJ 90.5 VA  
 Blacksburg: WVMJ104.9 CC (ex WVVV), "Magic"  
 Chesapeake: W279AD 103.7 NS-10w(v): WJYJ 90.5 VA  
 Chester: WDWL 92.1 NC to 93.1, 1350w, GE, modify  
 CP to instead move to 105.7 - A, 6 kW, 325 ft, DA  
 XC: 37-22-58 / 77-25-41  
 Crozet: WMRV103.5 NW, info, jazz // WMRA  
 Front Royal: W201BA 88.1 NS-10w(v): WJYJ 90.5 VA  
 Lawrenceville: W236AD 95.1 NS-10w(v): WJYJ 90.5 VA  
 Norfolk: W280CX103.9 NS-10w(v): WJYJ 90.5 VA  
 Portsmouth: W250AE97.9 NS-10w(v): WJYJ 90.5 VA

**WASHINGTON:**  
 Aberdeen: KJET 95.3 CC (ex KGHO), FC to oldies  
 Clarkston: \*NS 90.5 250w, 1063 ft.  
 Dishman: KWQL106.5 NO-RE (3rd)  
 Eatonville: KJUN 104.9 NO-GE

**WEST VIRGINIA:**  
 Bluefield: WPIB 90.9 NO-GE, PG<720 w, DA  
 Rainelle: WRLB 95.3 FC to cont. Christian (&)  
 CC (ex WRRL)  
 Webster Sps: WAFD100.3 NO-GE

**WISCONSIN:**  
 DePere: WJLW 95.9 NC to 25 kW, 272 ft, GE (3rd)  
 Eau Claire: W206AH89.1 NS-50w(v): KEAR 106.9 CA  
 Fond du Lac: W278AE 103.5 NS-19w: WFFF 90.5 WI  
 Green Bay: W204AW88.7 NS-20w(v): KEAR 106.9 CA  
 Tomah: WBOG 96.1 PG>28.5 kW, 659 ft,  
 class C2, XC: 44-01-32 / 90-48-58  
 Verona: WMMM105.5 PC<2 kW, 573 ft  
 XC: 42-57-32 / 89-29-25  
 Wyeville: \*\*\* 101.3 PA for class A

**WYOMING:**  
 Laramie: KKNW 104.5 NO-GE (3rd)  
 Lyman: K209BX88.5 NS-95w(v): KILA 90.5 NV  
 Pinedale: K257DP 99.3 NS-140w: KSCP 90.3 WY  
 Powell: KLZY 92.5 adds Jones AC (&)

**U.S. TERRITORIES:**  
**AMERICAN SAMOA:**  
 Pago Pago: \*\*\* 87.9 GA to add class C1

**PUERTO RICO:**  
 Culabra: \*NS 106.5 6 kW, 663 ft.  
 Luquillo: WZOL 92.1 NC to 4.6 kW, 915 ft, RX

Yes, there has been some problems with the font I use to type the "news" section of this column. I apologize for the words running together, and am working on fixing the problem. Thanks for all your contributions, I still do have some things to run, hopefully next month. Things have been very busy here. See you in Lake Placid!

AVAILABLE ONLY TO WTFDA MEMBERS:  
**SATELLITE NEWS' GUIDE TO THE SERVICES**

SATELLITE NEWS' DUD column editor George Jensen has put together an extensive listing of all the TV and audio services currently available on the "birds." Of great interest to all TV and FM DX enthusiasts, this data is now too lengthy to reproduce in the pages of the DUD during the busy DX season, so we're making it available to all members for a mere \$3.00!

To obtain your list, send a check or money order for \$3.00 to:  
 WTFDA - P.O. Box 514 - Buffalo, NY 14205-0514.





## 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

## APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City
BC	?	?	?	Vancouver

## CONSTRUCTION PERMITS GRANTED TO NEW STATIONS

St	Ch	ERP	HAAT	City
FL	18z398	3650	Big Pine Key	
FL	50+398	3650	Big Pine Key	
FL	64+398	3650	Big Pine Key	

(TL: 24°40'00"N, 81°30'00"W)

## APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
MA	28	nc	229	WFDG	New Bedford

(TL 41°46'39"N, 70°55'41"W)  
(north of Acushnet, Mass.)  
(was 247m)

St	Ch	ERP	HAAT	Call	City
TX	40	5000	576	KAOI	R. Grande C

(TL 26°22'32"N, 98°23'55"W)  
(west of Edinburg, Tex.)

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
IA	28	2510	209	KOCR	Cedar Rps.

(was 1450kW/205m)

(Applications to change existing stations, contd.)

IL	22	nc	149	WMEC	Maccomb
(was 158m. TL also changed but I don't have new site.)					
NV	39	2800	367	KBLR	Paradise

(was 1320kW)

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
NC	20	2530	nc	WEJC	Lexington

(was 4570kW)

## CALL LETTER CHANGES

Was	Now	City, state
new	KSBN-57	Springdale, AR
new	KAJB-54	Calipatria, CA
KMST-46	KCCN-46	Monterey, CA
new	KJWA-4	Gd. Junction, CO
KAJH-54	WUPL-54	Slidell, LA
KOUS-4	KHMT-4	Hardin, MT
WACN-50	WRAZ-50	Raleigh, NC
new	KCSD-23	Sioux Falls, SD
KBVO-42	KEYE-42	Austin, TX
WXGZ-32	WACE-32	Appleton, WI

## NEW STATIONS ON THE AIR

**Omaha, NE: KXVO-15z:**  
I don't have technical facilities on this one but believe it's 5000kW at roughly 450m. It's on the KPTM-42 tower at 41°04'15"N, 96°13'30"W near Gretna, Nebraska.  
WB affiliate; seen by Ernie Wesolowski (more strongly than he'd like!) in early July.

**Bobcaygeon, ON: CFTO-54z:**  
223kW; HAAT and site unknown.  
This is about 30km north of Peterborough, Ontario. CTV affiliate (and 100% relay of CFTO-9 Toronto); seen by Saul Chernos in June.

**Florence, SC: WWMB-21z:**  
2375kW/301m, 33°55'14"/79°32'08"  
near Poston, SC, east of Lake City  
UPN affiliate. Granted operating license in early July.

**Sioux Falls, SD: KCSD-23z:**  
13.29kW/54m, 43°32'07"/96°44'34"  
in Sioux Falls proper.  
PBS affiliate, satellite of KUSD-2.  
Applied for operating license in early July.

**Houston, TX: KZJL-61z:**  
4683kW/443m, 29°34'06"/95°29'57"  
KPRC-2 tower south of Houston.  
Seen by Danny Oglethorpe with home shopping, and applied for an operating license in early July.

## CHANGES ON THE AIR

KYES-5 Anchorage, AK;  
KHAW-11 Hilo, HI; VUD 11/94  
KHVO-13 Hilo, HI; VUD 11/94  
WCPB-28 Salisbury, MD;

## DEAD?

The following construction permits were cancelled since mid-June:

KKFT-20 Ft. Scott, KS  
WBNS-10 Charlotte Amalie, VI  
WTHX-16 Manitowoc, WI

## OTHER STUFF

The channel for the new Vancouver station isn't yet known. Channels 15, 32, 42, 52, 58, 63, and 68 are all available there. The applicant is owned by Moses Znaimer, who also runs CITY-57 Toronto.

The Big Pine Key, Florida grants are all for TV Marti. As an agency of the U.S. government, these stations won't receive call letters and aren't subject to multiple-ownership rules. As with the channel 13 station, the UHF operations are from a tethered balloon; the coordinates given are those of where it's anchored. The HAAT may vary (presumably with weather?), 3650m is the highest it's expected to go. This is roughly 12,000 feet.

Pappas (KMPH-26 etc.) has purchased KFCB-42 Concord (San Francisco), CA. Paxson (Infomall) has bought dark WYVN-60 Martinsburg, WV.

WNHT-21 Concord, NH has been granted renewal. Usually this implies a station is on the air. WNHT had been dark several years, after operating briefly as a CBS affiliate. It was recently sold to Boston University. (WABU-68)

WTHX-16 requested reinstatement of their expired CP, but was denied by the FCC. Sometimes these decisions are overturned on appeal though, so WTHX may not be 100% dead yet.

In apparent preparation for network changes in the Evansville, Indiana market, WEHT-25 has dumped some of the CBS mid-morning programming. I've been seeing the station with old movies.

## FORUM

Ernest Wesolowski, Omaha NE:

Ernest notes the appearance of Omaha's newest station, KXVO-15. Unfortunately, it's not a happy event; quoting, "KXVO-15 has killed all UHF-DX". When beaming southwest, at the tower shared by KXVO and KPTM-42, the two signals "bleed through like a super". Interestingly, when his third full-power UHF local, KYNE-26, is off the air, the interference disappears!

The first part of Ernie's problem is rather common. His antenna system includes a 28dB Winegard preamp, and his home is only eight miles from the KXVO/KPTM tower.

When I first moved to Nashville, I tried a similar installation. It didn't work. WZTV-17 came in on every UHF channel except 30, where I got a mix of WZTV and WXMT-30. WSMV-4 and WZTV-17 mixed on most VHF channels, though WKRN-2 came in clearly. It didn't take long to unhook the preamp & toss it in storage!

I suggested Ernest remove his preamp, or install some 6-12dB attenuators before it. Do any of our more technically-inclined members have any better suggestions? Traps, etc.? This kind of problem has befallen quite a few of our members; if someone has an ironclad solution, I'm sure an article would be appreciated!

On a completely different subject, Ernie forwarded a news clipping from the July 1 *Omaha World-Herald*, involving KCAN-8. This station has been licensed to Albion, Nebraska and operated as a satellite of KCAU-9 Sioux City, Iowa.

However, KCAN has received FCC approval to move their transmitter to Utica, some 40 miles to the southeast of its current location. The city of license will be changed to Lincoln, making KCAN Lincoln's second commercial TV station. (first being KOLN-10)

Groundbreaking for the new transmitter facilities were held on Friday, June 30. The station is still looking for a building in Lincoln to house the studios. Executive vice-president Ray Cole told the paper he hopes the new facilities can be on the air by Jan. 1, 1996.

(Forum, contd.)

Jerry Stuart, Lawton OK:

First off, Jerry noticed something several other DXers also mentioned, in *Broadcasting and Cable* for May 29. It says, "NBC's six TV stations will stop using call letters for most on-air identification this fall and will begin identifying themselves by "NBC", their channel number and the peacock logo." Jerry asks, "Legal or not?"

I've never seen a NBC-owned station here, but if they're doing what I think they are, it is legal. As long as the station airs its legal, FCC-assigned, call letters and city of license as close to the hour as practical. The ID may be either in the picture or sound. I would imagine NBC is still using the legal calls on the hour, though probably in small print.

Of course, those of you who frequently DX FM or AM are all too aware of radio stations that bend (on occasion, blatantly break!) the ID regulations. The most common bend is to regard the commercial break around 52 mins. after the hour as "as close to the hour as practical" for an ID. While I'd certainly consider this a violation (especially if the station finds time for a "fake" ID right on the hour), obviously the FCC isn't too concerned.

NBC wants its affiliates to follow suit, identifying the same way. I wouldn't be too worried. With the massive recent network changes, I think few affiliates are willing to tie their identities to a network that may affiliate someone else tomorrow!

Frank Aden, Boise ID:

Frank sent a quick note on two subjects. First, KHDT-9 told Frank they will not pursue the WB network; they'll stick with UPN. KHDT is still HSC from 11pm to 6pm.

Also, Sterling Associates is locally reported to have applied for channel 14. (it's unclear whether this is for a LPTV or full-power station. 14 is allocated for full-power use in Boise.) They've also asked the Commission to substitute channel 17 for 14, believing a channel 14 station will have too much overload trouble with 450MHz two-way radios in the area. I haven't seen anything clear the FCC yet on this.

Dennis Smith, Santa Barbara CA:

Dennis forwarded a wealth of LPTV information from California (again!) which will appear in LPTV Watch when space permits..

On the full-power side.. "And there is definitely no sign of KADE-33 SLO, if there was any doubt." In the Fresno area, Telemundo affiliate KMSG-59 is airing English-language "Shop At Home" overnight. There's been some confusion as to the programming on KLXV-65 San Jose; Dennis saw commercials and infomercials rather than religion. Finally, KGMC-43 Clovis/Fresno is now a mix of WB and Home Shopping Spree.

"I looked at the Santa Maria paper for TV schedules but found it even worse than the Santa Barbara paper. At least, the S.B. paper shows call letters along with cable-channel numbers but the S.M. paper indicates only cable-channel numbers and no call letters. What is a non-cable viewer supposed to do? How can LPTV operators let the public know they exist? Hardly anyone here in S.B. that I've talked to knows about the local LPTVs, not even in electronics stores... Are LPTVs doomed to struggle along with just a few viewers for awhile and then disappear? Should newspapers be required to list or at least mention them?..."

Scanty program listings aren't just a problem for low-power stations. At least the *Nashville Banner* lists local stations by their air channels, providing a conversion chart for cable subscribers. But not only are none of the Nashville area's six LPTVs listed- neither are full-power stations WHTN-39 and WPGD-50.

I think the inability of LPTVs to get must-carry protection in the Cable Act has doomed them in most cities. The entire Act is in jeopardy, and if it's repealed I'd expect to see some full-power stations disappear too; I think many of the recent new UHF's stand no chance of financial success without cable carriage.

Many DXers' immediate reaction would be positive; fewer locals to get in the way. But remember, your DX is someone else's local! And, the fewer choices available to off-air viewers, the fewer off-air viewers there'll be- and the fewer potential TV DXers.

(Forum, contd.)

Tim Noonan, Madison WI:

The community tower project in Madison has already claimed a victim... WMSN-47 is one of the stations moving to the new tower. (the other two are WISC-3 and WHA-21) WMSN had moved its transmitting antenna to the new tower the previous week, and was using a temporary antenna on the old tower to broadcast until transmission lines could be rerouted. (the old and new WMSN towers are immediately adjacent)

Apparently the temporary antenna couldn't handle the power. An arc resulted in an "electrical meltdown" of part of the antenna, which also damaged the top 100 feet of the transmission line.

The station was forced off the air 6:30am on July 3, returning on cable only (and only on TCI systems) about 3:30pm over a microwave link borrowed from WKOW-27. Later, a fiber-optic link borrowed from WISC-3 was used.

Later reports said it took five days for another temporary antenna to arrive, returning WMSN to over-the-air broadcasting at a lower height and power. Their new antenna on the new tower was expected to be ready in mid-July.

By the way, I believe WISC will be on the new tower by the time you read this. Unfortunately the technical changes involved here were granted by the FCC in a "dead period" during which my sources weren't very reliable. I believe the new HAAT is roughly 440m and the ERP roughly 20kW.

Saul Chernos, Toronto ON:

In answer to an unID question posted by Matt Sittel on the Internet, Saul provided definitive information on the Canadian BBS "network" so widely reported this year. It also explains the "MCTV" IDs many of you have seen.

"BBS stands for Baton Broadcast System, and MCTV is Mid Canada Television. BBS bought MCTV in 1991. ... BBS/MCTV owns two stations in each of Sault Ste. Marie, Timmins, North Bay and Sudbury; plus others, elsewhere. This list of flagships should help."

**BATON BROADCAST SYSTEM (BBS) FLAGSHIP TV STATIONS IN ONTARIO**

Toronto	CFTO	9	CTV
Ottawa	CJOH	13	CTV
Pembroke	CHRO	5	CTV
London	CFPL	10	indep.
Wingham	CKNX	8	indep.
Wheatley	CHWI	16	indep.
Sudbury	CICI	5	CTV/MCTV
Sudbury	CKNC	9	CBC/MCTV
S.S.Marie	CHBX	2	CTV/MCTV
S.S.Marie	CJIC	5	CBC/MCTV
North Bay	CKNY	10	CTV/MCTV
North Bay	CHNB	4	CBC/MCTV
Timmins	CITO	3	CTV/MCTV
Timmins	CFCL	6	CBC/MCTV

Many of these stations have relay stations, some of which are of relatively high power. (the whole question was raised by Matt's Es logging of either CFCL-3 Kapuskasing, 4.6kW, or CFCL-2 Kearns, 70kW, both on channel 2)

Also from Saul, information about native-language programs in Ontario. Wawatay Television broadcasts on Sundays from 7-8pm Eastern on the Ontario Parliamentary Channel in Sioux Lookout and Moose Factory. (the Parliamentary Channel is operated by TVOntario)

The station broadcasts in Cree, Ojibwe, and English. Programs include music videos featuring natives, and community news. While the Parliamentary Channel does have some over-the-air outlets, I haven't been able to locate any in these two communities- I suspect these are actually cable stations. (unfortunate; I find the native programming heard by skip on KILI and KTDB quite interesting)

John Johnson, Billings MT:

John is responsible for the information on the call-letter change for the former KOUS-4. KHMT-4 will return to the air on August 16 as a Fox affiliate. All technical facilities (except studio, I presume) will be the same as when it was KOUS.

**DX ETC.**

You've pushed me off the page again-congrats!

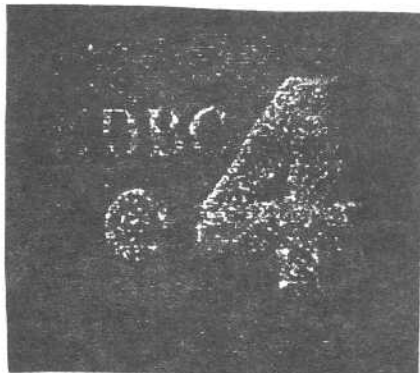
Doug Smith (W9WI/4)  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
Internet 72777.3143@compuserve.com

August 1995

This month's contributor is Bill Eckberg from Dixon, IL:

**Equipment:**

**VHF** - 1966 Zenith 14N22 23" B/W TV with C.M. 1110 @41'.  
**UHF** - 1990 Zenith AC-DC Model GO9303 9" color TV w/C.M.  
screened 7' dish @52'. RDX Labs UA-900 preamp.



KDBC-4 El Paso, TX  
1159 mi Tr seen 1/19/94  
@0433 CST



WLCN-19 Madisonville, KY  
317 mi Tr seen early 94  
"the stick"



W63BT-63 Evansville, IN  
270 mi Tr seen 5/17/94  
@0605 CDT



KVVV-57 Baytown, TX  
889 mi Tr seen 11/12/94  
@2100 CST



KTEJ-19 Jonesboro, AR  
409 mi Tr seen 12/14/94  
@0230 CST



WFIQ-36 Florence, AL  
483 mi Tr seen 1/16/95  
@1700 CST



WVEU-69 Atlanta, GA  
610 mi Tr seen 1/16/95  
@2130 CST  
"snow free 1 hr"



WFLI-35 Cleveland, TN  
512 mi Tr seen 1/17/95  
@0100 CST

**GOT A FRIEND WHO MIGHT BE INTERESTED IN OUR KIND OF DX'ING? DROP A LINE TO CLUB P.O. BOX 514 TELLING US THEIR ADDRESS AND WE'LL BE GLAD TO SEND HIM OR HER A SAMPLE V.U.D., AND INFO ON HOW TO JOIN THE CLUB. HELP SPREAD THE WORD!!!**



# EASTERN TV-DX

Stephen West  
1077 Sandy Narrows Court  
Virginia Beach, VA 23454

(804) 428-8057

August 1995

Deadline: 5th

Skip and drops are well on various days, depending on reporters locations. Russ Miller and Doug Smith had tropo from 600+ miles!  
Remember to use the address above to send reports, I had a few sent to the PA address, which delays the publishing of the report.

Harry Hayes, 9 Henry Street, Wilkes-Barre, PA 18702

Equipment: 1971 RCA TV, Quad loop for VHF, 6 foot dish in the attic for UHF with a PA-4975 Winegard amp and 2 Channel Master attenuators.

## May 1995

20 Es 1310 WLBT-3 MS  
1400 KETS-2 AR  
2200 KJRH-2 OK  
21 Es 1830 KTVI-2 MO  
2230 WPBT-2 FL

## June 1995

5 Es 2300 KPRC-2 TX  
6 Es 1750 WUFT-5 FL  
1805 WESH-2 FL  
WTVJ-4 FL  
WJXT-4 FL

## June 1995

6 Es 1805 WJXT-4 FL  
1817 WPTV-5 FL  
1920 WTVY-4 AL  
1930 WCPX-6 FL  
1944 WRBL-3 GA  
10 Es 1930 KPRC-2 TX  
13 Es 1930 WDIQ-2 AL  
WESH-2 FL  
17 Es 0930 WESH-2 FL  
WVL-4 LA  
20 Es 1845 UNID-2 SS  
28 tr 2359 UNID-20 shopping

**Comments:** The evening of 6/28 into 6/29 was interesting. Conditions were very good to the northwest with Elmira in almost snowfree along with a weak channel 25 in Toronto and an UNID on ch. 26. The ch. 20 w/shopping had strong audio, with a weak picture. It came in just as good pointing the dish to the east or west which may mean it was coming from the south. I am extremely "mountain blocked" to the south causes signals to arrive from other directions. Connecticut was not open so I doubt it was WTXX-20.

The "Penobscot Giants" of locals 16,22,28 & 44 are just four miles away and are in plain view out my bedroom window. The two attenuators really clean up the RF slop.

Leslie Wood, 1463 Tadmor Street, N. Merrick, L.I., NY 11566

Equipment: RCA 19" Colortrak TV, Channel Master antenna on CM rotor.

## June 1995

13 Es 2020 WLBT-3 MS  
14 Es 1950 KARK-4 AK  
1900 WREG-3 TN  
17 Es 0955 WEDU-3 FL  
1000 WTVJ-4 FL  
18 Es 1200 CJON-6 NF  
27 Es 2300 KTVO-3 MO  
28 tr 2140 WBOC-16 MD

## June 1995

28 tr 2150 WYOU-22 PA  
29 tr 0800 WBOC-16 MD  
0815 WLNE-6 RI  
1200 WGAL-8 PA  
30 tr 2000 WLNE-6 RI  
2300 WWLP-22 MA

## July 1995

1 tr 0200 WPRI-12 RI

**Comments:** The month of May, and the early part of June brought very weak E-skip here. Around mid-June things really began to kick, skip reached Ch. 6 on the 13th, 14th, 17th & the 18th. I logged a Canadian station on the 18th with CJON-6 NF, my first Canadian.

Eastern TV-DX

August 1995

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.

## June 1995 DX

6 Tr 2327 WCPO-9 OH (235) calls  
WCLJ-42 IN (214) TBN  
7 Tr 0001 WICS-20 IL (268)  
WRSP-55 IL (268)  
7 Es 1000 KENW-3 NM (956) calls  
1016 KPRC-2 TX (677) local ads  
0147 KIII-3 TX (861)  
7 Tr 2248 KRIV-26 TX (677) local ads  
8 Tr 0102 WFAA-8 TX (621) local ads & rerun of news  
0105 KDAF-33 TX (620) calls  
0106 KHSX-49 TX (620) HSC  
KFWD-52 TX (631) news in S:  
0113 KDTX-58 TX (620) TBN  
0117 KASN-38 AR (319) ID bars  
0124 KTXA-21 TX (620) calls, local ads  
unID-25 under WEHT; KXXV?  
0131 KDFI-27 TX (620) "The Talk of Texas"  
0139 WREG-3 TN (175) Memphis snow/free!  
0149 KTHV-11 AR (323) Donahue, map ID  
0209 KRIV-26 TX (677) still in  
8 Es 1045 KMID-2 TX (~920)  
13 Tr 0747 WBMG-42 AL (201)  
WJSU-40 AL (200)  
WCFT-33 AL (223)  
13 Es 1106 KPRC-2 TX (677)  
1130 KSWK-3 KS (778)  
1153 KIII-3 TX (861)  
1227 XEFB-2 NL (1075) "2 Noticias"  
15 Es 1114 WFSB-3 CT (848)  
19 Tr 1000 WXIN-59 IN (250)  
WCLJ-42 IN (214)  
Es 1200 KENW-3 NM (956) MUF 107.3 to Mexico  
25 Es 1115 XEFB-2 NL (1075) MUF 91.5 to Laredo, TX  
KIII-3 TX (861)

## July 1995 DX

1 Es 0955 WFSB-3 CT (848)  
1227 WEDU-3 FL (654) calls  
1300 WPBT-2 FL (826) ID  
1336 KOCT-6 NM (1003) KOAT-7 news promo & ID  
1501 KIDY-6 TX (836) calls in Fox promo  
1529 XHPN-3 CI (943) calls in promo  
KENW-3 NM (956) calls in promo  
1630 KOCT-6 NM (1003) still in, KOAT-7 promos  
1700 KENS-5 TX (813) calls in bug in news  
1754 KOB-4 NM (1086) calls in local news  
1840 KACB-3 TX (831) ID w/KRBC-9  
KFDX-3 TX (670) calls

The July 1 opening was the best I've ever seen. Channels 5 and 6 are my toughest channels, and it was real nice to see them so productive. FM was even better-- I logged 57 new FMs, bringing my totals to 599.

Richard Contone, 162-07 87th Street, Jamaica, NY 11414

**Comments:** On June 8th I had WTIC-8 CT. On June 29th WMGM-40 at 90 miles was in with WVIT-30 CT around 0100. June 30th WNAC-64 RI (Providence) at 140 miles.

Russell Miller, P.O. Box 1736, Houlton ME 04730-5736

Equipment: 1983 Goldstar B&W 13", R.S. Optimus 57 VCR, modified R.S. VHF antenna, 18db gain UHF amp, modified R.S. corner reflector/yagi, RG-6 cable, 760' ASL, 60' AGL at Amity, ME.

June 4 E.S.T..

Tr - Local Trop. into Atlantic Provinces (15 new ID's)

June 5 Es 0800 Unid 2

6th Es	1833	WJXT	4	FL	1,349	18th Es	1230	WTWO	2	IN
	1900	WEDU	3	FL	1,516		1300	WDTN	2	OH
		(No mistake ID)								

7th Tr	0800	More Maritime Trop. Max distance 320 miles								
Es	2000	Unid	(Marc Middleton - Sports?)							
Tr	2100	WGBB	2	MA	300	19th Es	1401	KGAN	2	IA
	2230	WBZ	4	MA	300		1415	WBTW	3	NC
		(Ghosting locals)								

8th Tr	0200	WJAR	10	RI	340	19th Es	1530	WCCO	4	MN
Es	2200	Unid	2				1600	WEWS	5	OH

12th Es	1954	WSMV	4	TN		20th Es	1450	WCBD	2	SC
	2000	WSJK	2	TN			1500	KTVO	3	MO
	2030	WKRN	2	TN			1532	WSIL	3	IL

13th Es	1925	WSB	2	GA			1558	KMOV	4	MO									
	1930	WYFF	4	SC			1602	KYTV	3	MO									
	1943	WKRN	2	TN			1605	WHBF	4	IL									
	1957	WBTW	3	NC			1610	KTVM	2	MO									
	2000	WDIQ	2	AL			1701	WPMY	2	NC									
		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p><b>97.5 WPST</b></p> <p>it's the music that matters.</p> </div>																	
14th Es	2020										WDTN	2	OH			1713	KCTV	5	MO
	2031										KDKA	2	PA			1717	WBTW	3	NC
	2100										WTVY	4	AL			1730	KQTV	2	MO
	2101	WTWO	2	IN			1738	WJXT	4	FL									
							1751	WAVE	3	KY									
							1800	WVAY	3	NC									
							1809	WTVY	4	AL									
							1823	WSJK	2	TN									
							1825	WDTN	2	OH									

15th Es	1100	KGAN	2	IA		21st Es	1850	CKPR	2	ON
	1200	WPMY	2	NC			1900	WDAF	4	MO
	1230	WESH	2	FL			1930	CHFD	4	ON
	1332	KDKA	2	PA			2036	KDLH	3	MN
	1500	WKRN	2	TN			2130	CBWOT	5	ON

16th Tr	0800-1000					22nd Es	1101	KQTV	2	MO				
		W18AY	18	ME			1119	KGAN	2	IA				
		WVTB	20	VT		23rd Tr	0730	CBHFT4	10	NS				
		WVNY	22	VT			0730	CBAFT5	31	PEI				
		WMEA	26	ME			0800-0830	The following is a list of Low Power scrambled Cable Network Channels received during a narrow Tropo path through the Maritimes:						
		WMFP	62	MA				15.	17.	20.	21.	23.	25.	28.
		WSBK	38	MA				38.	39.	45.	48.	49.	54.	
		WZBU	58	MA				55.	57.	59.	60.	62.	63.	65.
		W1VI	56	MA				68.	This was very unusual.					
		W1VT	51	ME										
		W1AC	64	RI										
		W39BQ	39	ME		24th Es	2050	KTVM	2	MO				
		W1UN1	27	MA		Tr	2300	W45AL	45	ME				
		W41AY	41	ME				(HSC)						
		WSBETV	36	RI			2300	CBHT10	24	NS				
		WHSB	66	MA				(Low Power)						
		W1XT	25	MA		25th Es	1628	WCBD	2	SC				
		WABU	68	MA			2002	WSAV	3	GA				
		WNDS	50	NH										
		WEDN	53	CT										

(This UHF opening was accidentally DX'ed with a VHF antenna. What could have been.)

17th Es	1332	WJXT	4	FL
	1355	WCBD	2	SC
	1845	WESH	2	FL
	1928	WBAY	2	WI
	2030	WVAY	3	NC
	2100	WUNC	4	NC
	2107	WBTW	3	NC

Russell Miller (cont.)

June 1995

27th Es	1102	WCBD	2	SC
	1115	WVAY	3	NC
	1129	WUND	2	NC
	1131	WJXT	4	FL
	1216	WRAL	5	NC
	1217	WYFF	4	SC
	1226	WBTW	3	NC
	1409	WDTN	2	OH
	1906	WKRN	2	TN
	1908	WTVY	4	AL
	1913	WSMV	4	TN
	1929	WSAV	3	GA
	1953	WUNC	4	NC

June 1995

WTNH	8	CT	414
WMUR	9	NH	280
WPRI	12	RI	340
W33AY	33	MA	300
W32AY	32	MA	300
WTIC	61	CT	388
WGOT	60	NH	286
WVIT	30	CT	394
WHGM	40	NJ	614
WHDH	7	MA	300
WJAR	10	RI	340
WSBK	38	MA	300
W1VI	56	MA	300
WHDH	7	MA	300
WJAR	10	RI	340
WFXT	25	MA	300
WUNI	27	MA	320
WNDS	50	NH	275
WPXT	51	ME	200
WRDN	53	CT	385
WNAC	64	RI	340
WMFP	62	MA	286
WHSB	66	MA	316
WZBU	58	MA	346
W45AL	45	ME	200 (HSC)
W18AY	18	ME	200

28th Tr	0000-0830			
		W1XTF	29	PA
		WHSB	68	NJ
		W1LIG	55	NY
		W1XTV	41	NJ
		WHSI	67	NY
		W1HAI	43	CT
		W1NYC	31	NY
		W1HSP	65	NJ
		W1WLP	22	MA
		W1WJU	47	NJ
		W1LW	21	NY
		W1TWS	26	CT

Comments: Since building my new shack site, it has been common to receive weak signals to Boston, RI, and Vermont. No more relogs under 300 miles unless part of something further.

Jeff Wolf, 2217 Drury Road, Silver Spring, MD 20906

June 1995

skip noted on the 3rd, 4th, 5th & 10th

14 Es	1900	KARK-4	AR
	1927	KJRH-2	OK
	1954	KOET-3	OK note #1
	1957	WEDU-3	FL
	2033	KDFW-4	TX (T)
		see note #2	
	2059	KSNW-3	KS note #3
17 tr	0320	WVIR-29	VA
		WYED-17	NC (T)
		WPHL-17	PA (T)
		0912	WBTW-13 SC (T)
Es	0956	WEDU-3	FL
		KJRH-2	(T)

skip noted 6/18 & 6/21 PM

June 1995

25 Es	2011	KSNB-4	NE (T)
	2029	KNOP-2	NE (T)
27 Es	2002	KTCA-2	MN note #4
	2016	KIMT-3	IA note #5
	2021	KTIV-4	IA
	2042	KLNE-3	NE note #6
	2100	KDLH-3	MN note #7
	2300	KUSD-2	SD

Note #1 - local news for OK  
 #2 - Fox  
 #3 - Newscenter 3 promo  
 #4 - map of MN  
 #5 - Iowa representation in DC  
 #6 - Garden program  
 #7 - Northline News, Fox

All Es loggings are new!

Stephen West, 1077 Sandy Narrows Court, Virginia Beach, VA 23454-5516

Comments: I have been very busy moving to VA, so a lot of DX was not written in the logs. There were several openings to Columbia, SC and Charlotte, NC. Boston has been seen a couple dozen times. Jacksonville, FL was seen twice (Two other times received audio on the ICOM) and was in strong May 25th with chs. 7, 17, 30, 47 and 59. PR and the Maritimes were in on skip several times. I am using an 8-bay UHF and PA-4975 amp, with a ch. 8 antenna and a \$35. RS mast mounted amp for VHF, at 30 feet.

# WESTERN TV-DX

August 1995

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4541

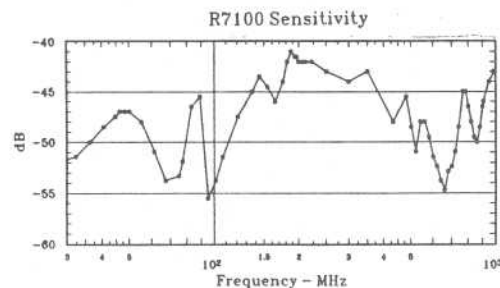
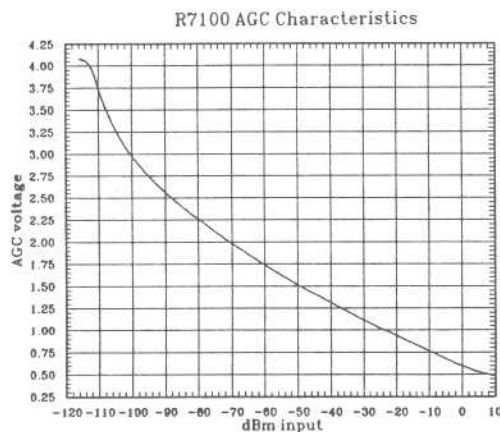
e-mail frank@snezy.sri.com  
(415)851-7031

## Calibration Curves for the ICOM R7100

The ICOM R7100 is a rather neat communications receiver, with continuous coverage from 25-2000 MHz and filters for USB, LSB, AM, NBFM, and WBFM. Some of our readers have used an additional wide-band output fed into an optional TV adapter. Another feature of the R7100 is that it may be remotely controlled by a computer.

The receiver may also be used (in USB or LSB mode) to determine the frequency of the video carrier of TV signals being received. Ordinarily (for North American TV stations), this is 1.24, 1.25, or 1.26 MHz above the bottom edge of each channel. The receiver is capable of receiving signals on all three offsets even when one is tens of dB stronger than the others, when a TV picture would not even show co-channel interference. This month I am presenting some measurements made of the AGC output of the receiver in LSB mode, which I use to monitor TV video carriers and radio amateur beacons.

I used a digital VTVM to measure the AGC voltage, and a synthesized signal generator at 61.25 MHz to obtain the following AGC calibration curve.



This receiver, like most, is not flat. (Its gain varies with frequency). Thus the calibration curve must be corrected for frequency.

The second plot shows the apparent signal level in dBm (using the 61.25 MHz calibration) with a -50 dBm input signal. (My receiver's gain is maximum near 200 MHz.)

During the coming months, I plan to write more about measuring signals received from local and distant TV stations.

## Propagation During June/July 1995

Summer finally arrived in the San Francisco Bay area. With the first "heat wave" came the tropospheric duct associated with the trade-wind inversion between California and Hawaii. Between June 21 and July 2, radio amateur stations on the west coast communicated with Hawaii on 144 & 432 MHz. The opening even extended into Oregon and Washington at times.

On July 2, between 0530 and 0845, we had a strong multi-hop Sporadic-E opening between northwestern America and Japan/Asia. Many 50 MHz contacts were made between Japan and British Columbia, Washington, and Oregon. Mike Cherry even recounts that one Japanese station he contacted reported viewing CBUT, ch 2 in Vancouver, B.C.

A heat wave in the nation's midsection July 10-11 resulted in what Eric Bueneman describes as "the second biggest trop event of the last year, only topped by the big opening of December 26-27, 1994."

Other great moments of this summer's Es season include Frank Merrill's and Jeff Kade's observations on June 7 of high-band Es, with CIPA-9 identified, a toss-up on channel 11, and CCI up to channel 12.

Enough generalities, on to the reports!

Marvin Shults, RR#1, Toulon, IL 61483

April 1995		CDT
20 Es	1100 WCVB 5 MA Boston	
May 1995		CDT
10 Es	0959 KRTV 3 MT	
tr	1100 WHAS 11 KY	
12 Es	1800 KWGN 2 CO	1918 KENW 3 NM
13 Es	2130 XEPM 2 CH	
15 Es	1530 XEPM 2 CH	
16 Es	1100 KNAZ 2 AZ	1930 KWGN 2 CO
	1959 KRGV 5 TX	
	1959 XHR10 2 TA or XR10	
	1959 KGBT 4 TX	2027 XAPN 3 CI
	2030 K111 3 TX	
17 Es	2048 C 2 (French)	
20 Es	0930 WPBT 2 FL	1730 WESH 2 FL
	2230 CKSA 2 AB	

## Western TV DX Marvin Shults' report continues

21 Es	1640 WMYT 2 NC	2025 KACV 2 TX
	2030 KPRC 2 TX	2100 WEDU 3 FL
	2120 KNAZ 2 AZ	2125 XHCH 2 CH
	2151 XHPN 3 CI	2215 KPRC 2 TX
	2218 KGBT 4 TX	2230 WDIQ 2 AL
22 Es	0750 XEFB 2 NL	1218 CBFT 2 PQ
23 Es	1800 XEPM 2 CH	
	1003 WPBT 2 FL	0953 WESH 2 FL
24 Es	0926 XEFB 2 NL	1047 WJXT 4 FL
	1125 XEFE 2 TA	1128 XEFB 2 NL
28 Es	1132 XHCH 2 CH T "Canal 5"	
	1432 KENS 5 TX	1433 XHCH 2 CH
29 Es	1434 KPRC 2 TX	1500 KNID 2 TX
	1513 XR10 2 TA	1515 KACB 3 TX
	1518 XEFE 2 TA	1527 K111 3 TX
	1600 KDTN 2 TX	
30 tr	0600 W54AP 54 IL EWTN	0600 W33AX 33 WI TBN

June 1995		
3 Es	1500 WEDU 3 FL	1504 WJFT 5 FL
	1508 WESH 2 FL	1525 WPBT 2 FL
	1817 KRGV 5 TX	1818 XR10 2 TA
	1828 KPRC 2 TX	1828 K111 3 TX
5 Es	1557 WESH 2 FL	1558 WEDU 3 FL
	1559 WP1V 5 FL	1600 WCBQ 2 SC
	1925 WPBT 2 FL	
6 Es	1200 KPRC 2 TX	1829 WJND 2 NC
	1852 XEFB 2 NL	1858 XHPN 3 CI
	1900 KWGN 2 CO	1909 K111 3 TX
	1915 KDCC 4 TX	1928 XEFB 2 NL
	1934 KRGV 5 TX	1956 XHFE 5 CH*
	2017 KENW 3 NM	2030 KASA 2 NM
	2145 KNAZ 2 AZ	2200 XEPM 2 CH
7 Es	1037 XR10 2 TA	1056 XEFB 2 NL
	1658 XEFE 2 TA	1730 KSL 5 UT
	1733 KIDK 3 ID	1755 KTVMT 6 MT
	1758 KBC1 2 ID	1759 KGUL 5 WY
	1800 KUTV 2 UT	1830 CKB1 5 SK
	1845 KFBB 5 MT	1850 CKSA 2 AB
	1855 CKCKT 2 SK	1900 CFQC 3 SK
	1930 KTVQ 2 MT	2200 WPBT 2 FL
8 Es	1100 KPRC 2 TX	1200 X 2
	1730 KTWQ 2 WY	1732 K1DK 3 ID
	1800 KWGN 2 CO	
9 Es	1000 XEFB 2 NL	1000 KPRC 2 TX
	1002 XHPN 3 CI	1003 KGBT 4 TX
	1008 XR10 2 TA	
12 Es	1058 WPBT 2 FL	1628 X 3
	2139 XEFE 2 TA	2230 KNAZ 2 AZ
	2235 WPBT 2 FL	
13 Es	1058 XEPM 2 CH	1200 KPRC 2 TX
14 Es	1458 KPRC 2 TX	1844 WCBQ 2 SC
	1858 WEDU 3 FL	1859 WESH 2 FL
	1859 WJXT 4 FL	1910 WJND 2 NC
15 Es	1058 unID 2 PBS	1158 KNID 2 TX
	1913 KNAZ 2 AZ	

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

I was beginning to wonder what happened to the spring DX season when I received the VUD on June 3 and immediately started receiving skip that evening. At any rate, things have picked up and I finally have something to report again.

May 1995		CDT
21 tr	0600 K110J 11 Sedalia, MO KRCC-13 color bar	
June 1995		
3 Es	1800 WSAV 3 GA, Savannah	
	WSB 2 GA, Atlanta	
7 Es	1900 KXVO 15 NE, Omaha testing	
16 tr	0630 KTAG 32 TX, Abilene	
	KETK 56 TX, Jacksonville	
	KVUE 24 TX, Austin	
	KLRU 18 TX, Austin	
	KDAF 33 TX, Dallas	
	0700 KFWD 52 TX, Fort Worth	
	KDXT 58 TX, Dallas	
	KXTX 39 TX, Dallas	
	KXAN 36 TX, Austin	

0730	KSBI 52 OK, Oklahoma City
0800	unID 54 KHVA?
	KJTL 18 TX, Wichita Falls
	8, 23, 41, 47 Tulsa, OK
	KOKH 25 OK, Oklahoma City
	KOCB 34 OK, Oklahoma City
18 Es	1030 WEDU 3 FL, Tampa
	WPBT 2 FL, Miami
	1100 XHY 2 YU, Merida, Yucatan, Mexico
	unID 3 YU //XHY w/Yucatan adv.
	unID 4 Spanish floating under WDAF-4

KXVO-15 has been in at times that I have checked since June 7 (2 weeks). Signal quality varies somewhat with some fading most of the time. Occasionally very strong signals and usually not quite as good as KPTM-42. KTMJ-43 (LPTV) in Topeka is UPN, but does not air the Kansas City Royals games as listed in the June VUD. They ID as KTMJ-6 as they broadcast out of Junction City where they operate on channel 6 (K06KZ). Their channel 15 in Manhattan airs parallel programming while channel 43 is different after midnight. The CP for channel 32 in Kansas City is about to be sold and should appear in the next year as a Warner affiliate. The nearest WB station is KXVO-15.

Randy Miltier KK6TQ/7, 1185 Linda Avenue, Ashland, OR 97520

Equipment:  
13" Goldstar color TV, 12" Zenith black & white TV, Antennacraft ch. 2-6 Yagi, HD-73 rotor, RG-6 coax.

Well, I'm not sure if I moved to a 'no-E-skip zone' or what. Sporadic-E is starting off very slow here. Most openings have been very short—in for just a few minutes and then gone. Later in June, openings were a little more frequent and a little longer. Of course, winter was here until June 17th—literally! It rained most every day in June until the 17th. Summer started June 21st, and it's been 90°F or hotter every since—more like Es weather. Hopefully the season will improve as time goes on.

June 1995		PDT
6 Es	2350 unID 2,3	
7 Es	0900 KSWK 3 KS 1179 "Smokey Hills TV"	
	1901 XHBC 3 BC 739	
	1937 KENW 3 NM 1187 Pledge	
	1950 KTVKT 3 AZ 835	
8 Es	1128 KTVK 3 AZ w/logo, time & temp in lrhc	
11 Es	0805 unID 2,3	
13 Es	1322 KTVS 3 CO 1014 showed KGWN-5 ID.	
15 Es	2029 KSWK 3 KS	
	2031 KOAAT 5 CO 937 "Eyewitness News"	
	2053 KTVK 3 AZ	
16 Es	1935 unID 3	
	2217 unID 3	
17 Es	1759 KENW 3 NM	
21 Es	1244 KTVK 3 AZ	
24 Es	1129 KACV 2 TX 1223	
25 Es	1200 KSWK 3 KS	1318 KTVS 3 CO
	1330 KLME 3 NE 1190	1332 KTWQ 2 WY 834
	1402 KOTA 3 SD 989	Rockies baseball
	1407 unID 4	ABC
	1415 KDUH 4 NE 975	Rockies baseball
	1500 unID 2	CBS
26 Es	2030 unID 3	CBS
27 Es	1023 KTVS 3 CO	2040 unID 2
	1100 KREG 3 CO	1025 KOTA 3 SD

Interesting working hams on 6 meters and 6 meter beacons during Es openings. There is a new beacon on 50.060 drom DN41 (Utah) running 2 watts, call KE7NS.



Jeff Kruszka, 7706-M N. Jefferson Pl. Cir., Baton Rouge, LA 70809

June 1995 CDT

3 Es 1643 unID 3-6
1706 WTKR 3 VA 960   2014 WCCO 4 MN 995
4 Es 2024 unID 5 CBS briefly
5 Es 1642 unID 3 briefly
6 tr 0659 KZJL 61 TX 225 #1
8 Es 1928 KLNE 3 NE 860   2020 unID 4 SS
7 tr 2320 KPOM 24 AR 400 #2
9 Es 1811 unID 3 Note #3
11 Es 1042 unID 4 SS
14 Es 1750 unID 4 MI
21 Es 1813 unID 4 MI

July 1995

1 Es 1052 unID 3-6 strong!
1550 Cuba 3,5 TPs
1558 KOAA 5 CO 940   1559 KLNE 3 NE 860
1704 WHB 4 IL 760   1729 WCCO 4 MN 995
1801 KSTP 5 MN 1005
2 Es 0930 WPBT 2 FL 745 #4

- Notes:
- New station, "Shop at Home" programming.
  - Thanks to Ron LeBlanc for tip on this one.
  - "Cops." Local ad said "Super Saturday at Upton's." Anyone have any ideas?
  - Another Ron L. tip—local WBRZ off! A dream come true, especially since E-skip was in! Unfortunately, it only lasted until 1025.

June was disappointing, as usual. Signals were pretty strong on July 1st, though. It's going to take a significant recovery to impress me, however.

Jeff Kadet (W3CRH), Box 20, Macomb, IL 61455 (309)833-1809

Equipment:  
 ICOM R7100 w/video adapter. Misc. Zenith TV sets circa 1979-1982. Screened CM 7' dish w/RDX Labs UA-90 pre-amp, .500 hardline up 85'. CM 1110 w/Winegard PA-1975 pre-amp, .500 hardline, up 80'. Winegard 5 el. lowband ant (vertically polarized), Winegard CP-3800 pre-amp, RG-11 up 10'.

April 1995 CDT

16 gw W218E 21 IL Champaign; 3ABN 120
W67CW 67 IL Peoria; religion 60 #1

May 1995

9 tr 0900 unID 62 Ch Am to S
K65EK 65 AR Pine Bluff
K67EO 67 AR Bentonville; KFSM-5 338
W58BO 58 AR Matchez; TBN 618
WNAO 23 MS 489   WFB1 50 MS 367
15 Es 1400 KWGN 2 CO 770
16 Es 1554 KTVK 3 AZ 1276   KVOA 4 AZ 1240
20 gw 0120 W52BR 52 IL Champaign; CB TP w/ID 120
21 gw 1258 W66CH 46 IL Champaign; The Box 120
Es 2245 X 3 ? long CBC Video ad
2300 X 42 ? #21 WJXT 4 FL 870
WESH 2 FL 956   WEDU 3 FL 1054
22 Es 0855 XFB 2 NL 1160   WML 4 LA 729
MDSJ 6 LA 729   KDBC 4 TX 1055
KATC 3 LA 726
0950 X 6 ? "Canal de estrellas"
1000 KHON 6 AZ 1320   1054 KVBC 3 NV 1345
1103 KUAT 6 AZ 1250   1158 KNAZ 2 AZ 1196
KPHO 5 AZ 1255   KVOA 4 AZ 1240
1230 KWGN 2 CO 770
28 Es 1050 XEFE 2 TAM CB TP w/ID
XHR10 2 TAM 1085   1125 XEFB 2 NL 1160

June 1995

1 tr 0300 W51CD 51 IL Rockford; //WCF-38
2 Es 1200 XEFB 2 NL 1160

3 Es 1540 WPBT 2 FL 1168   WEDU 3 FL 1054
unID 3 Phillips TP then 1557 w/on; Probably Cuba
2000 WBRZ 2 LA 702   2250 KPRC 2 TX 775
5 tr 0617 W36AM 36 TN 367   Memphis: The Box
Es 1555 WPBT 2 FL 1168   WPTV 5 FL 1125
WESH 2 FL 956   WJXT 4 FL 870
1621 WSAV 3 GA 785
7 Es 1820 C 4   CKCK 2 SK 970
1829 CFQC2 6 SK   1845 CIPA 9 SK 1130 #3
C 10-   C 11+
C 12+   1958 CFQC1 3 1160
tr 2033 KOTV 6 OK 410 #4
Es 2126 KGBT 4 TX 1065
8 tr 0230 KZJL 61 TX   KSHS 67 TX 800
KHTV 39 TX 800   KETK 56 TX 650
XHF7Xt5zTAM
Es 1755 KTVQ 2 NT 975
9 Es 1600 XHPN 3 COAH   KMID 2 TX 866
1615 XEFG 2 TAM   1625 XEFB 2 NL 1160
14 Es 1900 WCBW 2 SC 790   WSAV 3 GA 785
WCVI 4 SC 790
17 Es 1800 KMID 2 TX 866
18 Es 0300 C 2 Phillips TP
tr 0315 K1977 19 WNW Lifetime #5
K3377 33 WNW Nickelodeon; STV
K4777 47 WNW Showtime; STV
K5977 59 WNW Headline News; STV
K5377 53 WNW SportsNet; STV
K3577 35 WNW TBS
K4977 49 WNW CMT
K5577 55 WNW TCM
K4577 45 WNW TLC
KXVO 15 NE ID slide
0435 K5777 57 WNW Cornerstone #6
Es 1658 CBC 2 ?
19 Es 1500 KDBC 4 TX 1055   1625 WCPX 6 FL 980
WJXT 4 FL 867   WESH 3 FL 950
1656 WEDU 3 FL 980   WEAR 3 FL 725
WTVJ 4 FL 1190   2036 KASA 2 NM 890
2200 XEFB 2 NL 1160   WEDU 3 FL 980
20 Es 1630 WESH 2 FL 956   FFC 2
21 Es 1730 WESH 2 FL 956   CBC 6
1741 FFC 4   WEDU 3 FL 980
CHRO 5 ON 775   1829 CITO 3 ON 721
1809 WCPX 6 FL 980   1854 CHNB 4 ON 685
1850 WTVJ 4 FL 1190
CKND 2 MB 818
22 Es 2015 unID 2 CB TP no ID
23 Es 1200 XEFG 2 TA 1026   CB TP w/ID
2100 KNAZ 2 AZ 1196   2300 KASA 2 NM 890
24 Es 1858 WPBT 2 FL 1168   WESH 2 FL 956
27 Es 1600 CKCK 2 SK   1721 CITL 4 AB
CBC 2   KENW 3 NM
1730 CFQC 3 SK   XEPH 2 CI (assumed)
CKSA 2 AB   2200 WCBS 2 NY
FFC 2
28 Es 1229 KPRC 2 TX #7   1310 XEFB 2 NL
XHR10 2   KGBT 4 TX
2100 KMID 2 TX

Correction: delete K19CV Redwood Falls, MN logged as a new station on 8/25/93. First logged on 8/22/92 (noticed this while making up a list of stations still needed to be photographed).

Notes:

- One of the better channels here bites the dust to the E/NE although this station does not get out very well in other directions. K67EO is LPTV/xlr #16 logged on channel 67.
- Campecho mentioned a lot; lots of hum on audio.

3. Probably a once in a lifetime opening!  
 First definitely IDed high-band Es here. Lots of CCI on locals KHQA-7 and WQAD-8 also. CIPA-9 was in and out for at least 1/2 hour and I got a good photo and audio ID on tape at 1900 (CIPA audio ID and CFQC visual ID). The ch. 11 was coming in snowfree at times with a CBC hockey game.

**Western TV DX** *Jeff Kadet's comments continue*  
 4. At first I thought this was Es, but it had to be tr, as it was in solidly for over an hour with no fading. What is odd is that I was getting it on the skip antenna, but that the 1110 where KWQC/KMOS were too strong.

5. Not sure where these are from. A while back the VUD listed 16 new channels for Columbus, NE, but none of these are on the same ones except for 33 and 59.

6. About the same direction as the others, but was in solidly as the others were fading out.

7. Using a new logo so it can be easily distinguished from WESH again. Using a "2" with a star in it.

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

Equipment:  
 ICOM R-7000 with video adaptor, fed into Zenith TV. Also, "stand-alone" Zenith L1310, 13-inch color TV for late 70s, DX alternates between the two due to not-as-good ICOM video. Antennas: Old Winegard (8100? not 8200) all-band horizontal at 40 feet, and Channel Master Quantum 1110 at 10 feet mounted vertically. Usually, 8100 for tr and 1110 for Es.

May 1995 CDT

20 Es 1400 WPBT 2 FL   1733 WESH 2 FL
WSbt 2 GA (22,ABC)
1900 WPBT 2 FL
tr 2346 W52BR 52 IL 130 Champaign, 3/4 color bars, ID
2350 W67CW 67 IL 70 Peoria, religion
2358 W21 21 IL 130 Champaign? TAB
2359 W66CH 46 IL 130 Champaign, The Box
21 Es 1130 KMOL 4 TX
2158 WEDU 3 FL "mixing with Spanish"
2202 WESH 2 FL "mixing with Spanish"
2208 Both 4 FL   2217 WPTV 5 FL
2219 KPRC 2 TX "new logo, similar to XEFB"
2221 KMOL 4 TX
22 Es 0800 KGBT 4 TX   1030 KDBC 4 TX
KENW 3 NM   XEJ 5 CI
XEPH 2 CI (assumed)
1100 KUAT 6 AZ
1200 KPHO 5 AZ   "now CBS"
KVOA 4 AZ   1216 KWVU 5 NV
29 Es 1130 WPBT 2 FL   1200 Cuba 2
1221 C 2 AB Calgary, forget new calls
1300 K111 3 TX

June 1995

3 Es 1100 WCBW 2 SC   WCVI 4 SC
MS 1328 KPRC 2 TX 800 (prior Es)
Es 1657 Both 2 FL
Es 1730 WEDU 3 FL "spent most effort on FM"
1820 WKRR 5 AL   WTVY 4 AL
1829 WDIQ 2 AL   1848 K111 3 TX
1858 KPRC 2 TX   1900 KATC 3 LA
1946 KJAC 4 TX
5 Es 1530 WTVJ 4 FL   WPBT 2 FL
1540 Cuba 5 Phillips TP
1602 WPTV 5 FL   1620 WESH 2 FL
2303 WPBT 2 FL
6 Es 1130 XH11t 4 CI "XHDF-13"
1959 XHPN 3 CU "Everybody still shows this as XEPH. It isn't."
2020 KENW 3 NM auction
7 Es 0945 KDBC 4 TX   1724 KGWL 5 WY
1843 unID 7 definite 7-Es CCI
unID 9,11 Es CCI noted
1844 unID 12 Es CCI ("bars" on KIIN-IA)!!
1849 unID 11 Hockey #1
1900 CIPA 9 SK 1134 Prince Albert #2

7 Es 1900 unID 8,10 CCI as well
1917 CKOS 5 SK   CFCN 4 AB
1958 CKCN2 6 SK (relog, I think?)
2125 KGBT 4 TX
8 Es 1656 KMID 2 TX   1754 KTVQ 2 MT
1759 KXLF 4 MT
9 Es 1530 XH11t 4 CI "XHDF-13"
1859 WPBT 2 FL   WTVJ 4 FL
12 Es 1030 WPBT 2 FL   1110 WTVJ 4 FL
2230 KACV 2 TX   KENW 3 NM
2300 KASA 2 NM
13 Es 2000 KNAZ 2 AZ   0016 KVOA 4 AZ
KTVK 3 AZ   0033 KPHO 5 AZ
1006 KPRC 2 TX   1022 WJL 4 LA
1031 KMID 2 TX   1037 WJAY 3 NC
1417 KASA 2 NM   2010 KNAZ 2 AZ
14 Es 1500 WPBT 2 FL   WEDU 3 FL
Cuba 5 Phillips TP
1830 WJNC 4 NC   WJAY 3 NC
1846 WCVI 4 SC   1859 WCBW 2 SC
WJND 2 NC   1930 WCSW 5 SC
2320 KPRC 2 FL
15 Es 0931 WPBT 2 FL   0943 WTVJ 4 FL
1059 WPTV 5 FL   WESH 2 FL
WEDU 3 FL
1117 Cuba 2 Phillips TP
1126 WEAR 3 FL   1200 KMID 2 TX
2026 KNAZ 2 AZ   2050 KREZt 6 CO
2108 ?? 5 Translator CCI
2125 KVBC 3 NV
17 Es 1930 KMID 2 TX
18 Es 0030 WLBJ 2 ME on Winegard 8100 only
tr 0212-0250 UHF CCI #3
0255-0355 various UHF unIDs #4
K19 Lifetime, clear
K33 Nickelodeon, STV
K35 TBS, STV??
K45 TLC, clear
K47 Showtime, STV
K49 CMT, STV
K53 Sports (not ESPN), STV
K55 Turner Classic Movies, clear
K57 Cornerstone (WPCB-40) clear
K59 CNN Headline News, STV
0315 KXVO 15 NE 290 Omaha, new, test card
Es 0930 WEDU 3 FL   WPBT 2 FL
1653 CFRS 4 PQ   1756 KASA 2 NM
17 gw 0340 WAND 17 IL (noted off; regular Mondays)
0603 W51 51 IL (? WCF-38)
0609 unID LPTVs from yesterday 45/47/49/53/59
Es 1158 KACB 3 TX   K111 3 TX
1200 XEFG 2 CU color bars ID
1210 KTVK 3 AZ
1211 XHCT 2 CI "ID went by too quickly!"
1214 KENS 5 TX
1222 XH11t 4 CI "Canal tres" XHDF
1227 XEFB 2 NL   1259 KNAZ 2 AZ
1316 KDBC 4 TX   1328 KENW 3 NM
KREZt 6 CO   1407 KVBC 3 NV
1410 XHPN 3 CU   1630 WPTV 5 FL
WEDU 3 FL   WESH 2 FL
WPBT 2 FL   1645 WDIQ 2 AL
1650 WJXT 4 FL   1659 WJAY 3 NC
1830 KENW 3 NM   XEPH 2 CI (#5)
KDBC 4 TX   XEJ 5 CI
2130 KASA 2 NM
20 tr 0440 K14 14 LA "nothing else unusual"
Es 1718 CKCK 2 SK   1728 CKB1-6 2 SK
1954 CITL 4 AB   CFQC-1 3 SK
21 tr 0600 K62 62 MO 135 St. Louis EWTN
"Channel 62 UHF St. Louis MO" ID
0609 W26AS 26 IN (Clarksville TBN)
Es 0900 WEDU 3 FL   1700 WCAW 3 VT
WLBJ 2 ME   1726 CBFT 2 PQ
WESH 2 FL   1900 WTVY 4 AL
1956 CKND-2 2 MB   1958 WPBT 2 FL
2000 KGFE 2 ND   KBME 3 ND
CBWFT 3 MB
22 tr 0400 IL/IN snowfree incl. most LPTVs to about U.S. 31
0410 W27 27 (W27AZ Indianapolis? National Empowerment TV, no longer WTHR-137)
0428 W15 15 (Faith & Values Channel) (towards Bloomington IN or Terre Haute)
0447 W69 69 #6
Es 1013 KAMR 4 TX







Western TV DX D. Oglethorpe's report continues

June 1995	UTC
13 Es 1405 unids 2 US & Canada	
1802 KNAZ 2 AZ 1060	2010 unids 2 & 4 Mex.
14 Es 0045 unids 2	1720 WGBD 2 SC 790
1950 unid 2 Mex.	2005 WJND 2 NC 1040
2005 WFMY 2 NC 840	2040 KDKA 2 PA 1000
2110 WGRZ 2 NY 1110	2120 WDTN 2 OH 730
2140WTAE 4 PA 1000	2200 unids 2 & 4 Mex.
2235 unids 2,4,5	
15 tr 0525 KTVY 9 OK 320	KJRH 2 OK 290
0532 KTUL 8 OK 290	KTEN 10 OK 230
0542 KSWO 7 OK 305	0605 KJTL 18 TX 290
0625 KFOR 4 OK 320	0715 KOCO 5 OK 329
0825 KAUZT 6 TX CBS	0835 KCFN 6 TX 235
Es 1525 KNAZ 2 AZ 1060	WGRZ 2 NY 1110
WIVB 4 NY 1110	1630 unids 2 & 4 Mex.
1750 unid 3 QVC; floating	
17 Es 0350 unids 2,4,5 Mex.	0425 KPHO 5 AZ 1075
0458 KVOA 4 AZ 1020	0555 KNAZ 2 AZ 1060
tr 0640 KBTX 3 TX 200	
Es 1550 CHXt 2 ON BBS & MCTV	
1710 WJAR 2 MD 1060	2320 WFMY 2 NC 840
WJND 2 NC 1040	
18 Es 0030 unids 2	0655 WGRZ 2 NY 1110
1450 KDKA 2 PA 1000	1540 WBAY 2 MI 900
1545 WESH 2 FL 780	1612 WPBT 2 FL 940
WFMY 2 NC 840	1740 unids 2,4,5 Mex.
2310 KXMA 2 ND 1225	
19 Es 0030 KTVQ 2 MT 1230	0040 KTWQ 2 WY 1010
1455 KDKA 2 PA 1000	1500 WGRZt 2 NY
1530 unid 2 ON Promo for "100 Huntly St."	
1550 WBAY 2 WI 900	1605 unid 2 PBS
1650 KNAZ 2 AZ 1060	1658 KNOP 2 NE 725
1728 KCVC 4 WY 1200	1750 KGFE 2 ND 1120
KTVQ 2 MT 1230	1758 KTCA 2 MN 870
1905 KDKA 2 PA 1000	
unid 2 ON MCTV & BBS	
1920 WTTG 5 DC 1020	1925 WRC 4 DC 1020
1940 WJAR 2 MD 1060	2035 WGRZ 2 NY 1110
2115 WTAE 4 PA 1000	2120 WDTV 5 WY 860
2128 unids 5 & 6	
2201 CBLTt 5 ON "CBC Ev. Nx"	
2215 WNEH 5 MI 940	
unid 4 Canada; "Shirley"	
2229 WBAY 2 WI 900	2259 KGFE 2 ND 1120
2305 KXMA 2 ND 1225	2325 CKND2 2 MB 1310
2329 KNAZ 2 AZ 1060	
20 Es 0050 WGRZ 2 NY 1110	0058 KDKA 2 PA 1000
1958 CKCO2 2 ON 1130	2025 WGRZ 2 NY 1110
unids 5	2105 WCMH 4 OH 790
2110 WDTN 2 OH 730	2135 WJBK 2 MI 890
2140 WTAE 4 PA 1000	
2140 KDKA 2 PA 1000	back in 21(0040)
21 Es 1320 WJNCt 4 NC unids 3,5	
1330 WJNDt 2 NC	1345 WJAR 2 MD 1060
WOAY 4 WV 780	2128 KGFE 2 ND 1120
2158 KDKA 2 PA 1000	WGRZ 2 NY 1110
2220 WJAR 2 MD 1060	unids 4 & 5
2250 CKCO2 2 ON 1130	2304 unid 4 Note #1
24 Es 0045 KTVQ 2 MT 1230	0157 KGFE 2 ND 1120
tr 0325 KDTX 58 TX 180	0325 KHSX 49 TX 180
Es 1545 KTVQ 2 MT 1230	1550 WJBK 2 MI 890
1650 WJART 2 MD	2120 WPBT 2 FL 940
26 Es 1635 WGRZ 2 NY 1110	
1955 KNAZ 2 AZ 1060 & In again 2358	
2005 KVOat 4 AZ NBC//KNAZ	
2005 KTVKt 3 AZ floating	

2015 KPHO 5 AZ	2040 unids 2
2145 KTWQ 2 AZ 1060	
2228 unid 2,4 US & Mex.	
27 Es 0015 XEWO 2 JA 1050	Guadalajara ads
0115 XNG 4 JA 1050	
2355 unids 2,4,5 US & Canada	
28 Es 0220 CBFT 2 PQ 1390	0225 WGRZt 2 NY NBC
unids 2 Canada	
tr 1505 KLDI 55 TX 180	PSN Jewelry
Es 1635 unid 2 Note#2	1645 unid 2 XEW
1715 unid 2 test pattern	
1920 WGRZ 2 NY 1110	1940 unids 2
2045 CII12 2 ON 1225	Global
2125 WJBK 2 MI 890	WDIV 4 MI 890
2128 WGBD 2 SC 790	WJNDt 2 NC
2210 WESH 2 FL 780	

Note 1: This station was running "Hard Copy" with a logo continuously supered. The logo consisted of a "W" with a "check mark" on the right side.

2. The Spanish-speaking newscaster here didn't wear a suit and tie.

July 1995	UTC
1 Es 0001 unid 2 Spanish	
1645 WJBK 2 MI 890	Note #3
1645 WDIV 4 MI 890	1645 WNEHt 5 MI
1928 WJND 2 NC 1040	1930 WGBD 2 SC 790
2045 WFMT 2 NC	
2045 WJNC 4 NC 880	//WJND
2100 WPBT 2 FL 940	WPTV 5 FL 910
2140 KOAA 5 CO 730	2230 WESH 2 FL 780
2 Es 0315 WDIV 4 MI 890	0325 WRAL 5 NC 880
0330 unid 2 CTV	0345 WGRZ 2 NY 1110
0350 WTTGt 5 DC FOX	WNEM 5 MI 940
WJBK 2 MI 890	0400 WTON 4 MI 1070
0440 WJAR 2 MD 1060	0600 WGRZ 2 NY 1110
1420 Cuba 2,4 //;cartoons w/o ads	
1450 Cuba 5 //2,4	1505 WPBT 2 FL 940
WTVJ 4 FL 940	Note #4
1515 WCIX 6 FL 940	o/KTAL
1530 WPTV 5 FL 910	
1550 WEDUt 3 FL floating	
1635 CBFT 2 PQ 1390	French; Montreal ads
1735 unid 2 Note #5	1750 unid 2 Spanish
2015 unid 2 TV7	2105 unids 4,5 Spanish
30 tr 0320 N5DDN 430 MHz	Note #6

Notes:

3. Intense opening, but I couldn't stay with it for any length of time.

4. WTVJ (NBC) is still here, while WCIX (CBS) remains on 6. My reported reception of WFOR (WCIX) here on 6/6 was based on seeing Miami ads, not an ID.

5. An NBC basketball game was on here, dubbed into Spanish. All NBC graphics, etc., were intact.

6. N5DDN broadcasts continuous WX radar, with ID card every five minutes. The tower is supposedly near Blanchard at the KCS Railroad yard. I don't know how long it has been operating. Operation is sporadic, being off more than on.

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

AUGUST 1995

SOUTHERN FM DX 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.

DEADLINE 14th

JULY 1 SKIP SEEMS TO HIGHLIGHT A SLOW SKIP SEASON

EARLY JUNE TROP APPROACHES 1000 miles

Jeff Kruszka, 7706-M N. Jefferson PL. Cir., Baton Rouge, LA 70809

Equip.: JVC R-K200 stereo receiver and dipole antenna @30 ft.

7/1 Es	7/1 Es	7/1 Es
1117 WOUR 96.9 NY Utica, "the rock of southern NY"	1238	1333 WOOKt 97.5 VA S. Boston, Greensboro ad
1130 WPEL 96.5 PA Montrose, ID	1242	1344 WKOC 92.7 VA Virginia Beach, ID
1131 WLAN 96.9 PA Lancaster, ID	1066	1349 WXTG 96.9 SC Charleston, loc. ment.
1140 WSTW 93.7 DE Wilmington, light r	1089	1403 WSSC 96.7 SC Greenwood, ID
1159 WBEZ 93.7 PA Pittsburgh, B-94	934	1420 WSSX 95.1 SC Charleston, 95-mix
1202 WCFM 96.5 OH Hamilton, Y-96, k	723	1434 KLDZ 95.1 NE Lincoln
1316 KBRK 93.7 SD Brookings, B93.7	1003	1506 WHKZ 96.7 SC Columbia, Kicks-96
1322 KQSK 97.5 ND Chandron, rodeo rpt., double Q country	1076	1522 KKYA 93.1 SD Yankton, KK-93
1329 WMT 96.5 IA Cedar Rapids, 96 1/2 FM	794	1533 KKOT 92.5 NE Columbus, Coyote-93
		1535 KRRK 93.3 NE Bennington, 93 K-rock

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

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

6/29 tr	7/1 Es
0900 WFCC 107.5 MA Chatham, ID	1238 KTTX 106.1 TX Bryan, Navasota ads
0915 WQRC 99.9 MA Hyannis, ID	1240 KVL 103.7 TX Dallas, ID
0918 WMOG 98.3 NJ New Brunswick, ID, "Central New Jersey's Magic 98.3"	1243 KJKS 101.3 TX Cameron,
0927 WXTX 94.9 MA West Yarmouth, ID	1252 KLTY 94.1 TX Fort Worth, ID
0937 WRCN 94.3 NY Smithtown, ID	1256 KHOR 103.9 TX Cameron, ID, "103.9 Exp.FM"
0941 WRCH 100.5 CT Hartford, ID, "Lite 100.5"	1259 KJQJ 103.3 TX Houston, ID
0955 WCIB 101.9 MA Falmouth, ID, overriding Baltimore's WLIF	1304 KSFM 94.9 TX Huntsville, ID, "Super Country 94.9"
1050 WCTK 98.1 RI Providence, ID, ads	1312 KWRW 97.7 TX Jacksonville, "Radio Triunfo" + Jacksonville ads
1057 WEHM 96.7 NY East Hampton, ID "96.7 EHM"	1314 KUEZ 99.3 TX Lufkin, "Good Time Oldies 99.3 + Lufkin ads
1118 WPAT 93.1 NY New York City, ID	1316 WACO 99.9 TX Waco, "Waco 100", Waco ads
1131 WALK 97.5 NY Patachoque, ID	1319 KSTR? 103.7 TX Montgomery County, "K-STAR 103.7" + Montgomery County ads
1145 WEZN 99.9 CT Bridgeport, ID	1321 KMMX 104.7 TX Lubbock, ads, "W.TX Update"
1150 WTYD 100.9 CT New London, ID	1352 KTTX 106.1 TX Bryan, "K-TEX 106-hot ctry"
1153 WKCI 101.3 CT New Haven, ID, "KC-101"	1356 KSMG 105.3 TX San Antonio, ID, "San Antonio's Magic 105.3"
7/1 Es	1359 KZEP 104.5 TX San Antonio, ID
1120 WBLX 92.9 AL Mobile, ads	1359 KOUL 103.7 TX Sinton, ID
1122 WRXK 96.1 FL Fort Myers, "96 K-Rock" Tamiami Trail ads	1405 KRIO 94.1 TX San Antonio, ID, "The New Kah-Rray-ee-OH"
1136 KXKZ 107.5 LA Monroe, ID, "Kix 107.5 - Today's Hot Country"	1411 KBHT 93.5 TX Huntsville, ID, "93.5 FM
1145 KWKW 96.7 MN Rochester, Winona ads	1422 KSRR 92.9 TX San Antonio, Effay-Emmy
1155 KZWA 105.3 LA Lake Charles, ads	Noventa y Tres - Musica Romantica para San Antonio"
1158 KOUN 102.1 AR Sherwood, "AR Radio Net."	1423 KKBQ 92.9 TX Houston, Houston ads
1202 KTAL 98.1 LA Shreveport, "98-Rocks"	1424 KLTTR 93.7 TX Houston, Lade Jackson ads
1218 KBHT 93.5 TX Palestine, ID (time out to work LA on ham radio--144.2 MHz)	1429 KIOX 96.9 TX El Campo, Freeport/South TX Gulf ads
1236 KRHU 106.9 TX Conroe, ID, "Think Radio 106.9"	1438 KAYD 97.5 TX Beaumont, Jefferson Cty ads

6/29, a high pressure area over the Atlantic just east of Long Island was funneling cool sea air underneath the warmer air above land and creating quite a nice coastal duct. Stations away from immediate coastal areas were not heard, except for WRCH 100.5 is a very clear one in this area.

Doug Smith (W9WI), 1385 Old Clarksville Pike

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

I was going to label it a horrid season until July 1! Smith's report starts on next page.....

96.1 KKY

**YOUR 'HINTS & KINKS' ON SUCCESSFUL DX'ING TECHNIQUE ARE OF INTEREST TO W.T.F.D.A. MEMBERS EVERYWHERE! WE'D LIKE TO HEAR FROM YOU TODAY.**

SOUTHERN FM DX
7/7 tr
1045 KOLL 94.9 AR Maumelle, "Cool 95", ID
6/8 tr
0206 KQOK 106.5 TX Galveston, S:\$
0208 KBNL 89.9 TX Laredo, S:g\$
0948 WMAW 88.1 MS Meridian, PRM//89.5
WMAW 90.9 MS Greenwood, PRM//89.5
6/8 Es
1129 KODA 99.1 TX Houston, local EBS test,
prev. tr
1144 XEDF 104.1 DF Mexico, DF ads
XHSON 100.9 DF Mexico, rp\$
1153 XHOK 98.5 SL San Luis Potosi, ads
1156 XEUN 96.1 DF Mexico, c\$
1215 XHJRZ 96.5 ZA Jerez, local ad
1243 XEX 101.7 DF Mexico, r\$
unIDs:

98.5 w/U.S. album rock
90.9 "Super Stereo"
89.7 "Morena FM", m\$
106.5 "Mix 106", U.S. adcon
103.1 "103 Estereo Recuerdo"

6/13 Es
1107 KTDB 89.7 NM Pine Hills, news in
native language, k\$ 1199

6/19 Es
1200 KFLQ 91.5 NM Albuquerque, nx, wx
6/25 Es
1115 KBNL 89.9 TX Laredo, SS rel.
7/1 Es

1200 WFR 91.7 FL Okeechobee, calls
1254 WKRY 93.5 FL Key West, "Key 93.5"
1300 WFLC 97.3 FL Miami, local ads
1302 Love 97.5 C6 Nassau, Bahamas, "Love
97", local ads, (Note 1)
WRTO 98.3 FL Goulds, S:\$
1311 KVNA 97.5 AZ Flagstaff, local ads
WRMA 106.7 FL Ft. Lauderdale, Miami
Herald ad in SS
1336 KCYT 106.7 TX Granbury, ad for KTVT-11
KCHK 106.7 TX Midland, "Power 106"
WCKT 107.1 FL Lehigh Acres, "Cat
Country" & local ads
KBNL 89.9 TX Laredo, Nuevo Laredo PSA
1343 KSEL 95.3 NM Portales, local ad
KYYX 95.9 TX Mineral Wells ad
1349 KENA 97.5 TX El Paso, "Que Buena"
KGKL 97.5 TX San Angelo, ad
KRRG 98.1 TX Laredo, "Energy 98
Forecast"
KULM 98.3 TX Columbus, promo for
KULM Classics"
KCLE 92.1 TX Glen Rose, ID, mono

750
874
826
974
844
1370
825
1117
762
926
673
1151
834
950
717
709

Smith, cont.
7/1 Es
1402 KORO 100.7 TX Abilene, legal ID
1405 WBMV 90.5 FL Tampa, calls
1410 KOKE 101.5 TX Brownwood, loc. ads
1413 KUCB 98.3 TX Stephenville
1414 KEGL 97.1 TX Fort Worth, "97-1 The Eagle"
1418 KLAS 89.9 TX Jamaica, calls by
Caribbean anncr. (Note 2)
KISS 99.5 TX San Antonio, ".on Kiss", rp\$
1432 KAJA 97.3 TX San Antonio, "KJ Country
Weather"
1434 KSNM 94.9 TX Arlington, "Easy Country,
Sunny 95"
1438 KILI 92.3 TX Killeen, "z-92.3" Your
Continuous Jams Station", rs\$
1448 KYNG 105.3 TX Dallas, "DFW Mitsub. Deal"
1452 KXXL 101.3 TX Crane, local ad, "XL-101"
(Notes 3)
1454 KGEE 99.9 TX Monahans, "KG-100", k
1455 KUTZ 98.9 TX Lampasas, "z-Rock"
1500 KKKK 99.1 TX Odessa, legal ID, g
1521 KCDQ 102.1 TX Monahans, "TX 102", op\$
1525 WACO 99.9 TX Waco, Hillsboro/I-35 ad
1532 K215BH-90.9 TX San Angelo, KGNZ calls
promos (Note 4)
(Notes 4)
KPSM 99.3 TX Brownwood, "K99.3" gr\$
1545 KQIP 96.9 TX Odessa, "97-Gold", o\$
1547 KTKY 94.7 TX San Angelo, legal ID,
"Kicks 94.7"
1548 KBAT 93.3 TX Midland, "K-Rock 93.3 KBAT"
1608 KPFM 99.1 AZ Thatcher, "KFM, Safford ad
1622 KVRV 104.7 AZ Mesa, Phoenix ads
1623 KJUU 102.1 AZ Clifton, local ads,
"Top side of I-10"
1631 KCHT 96.9 AZ Phoenix, "96.9 K-Hits", o\$
KTWC 103.5 AZ Glendale, "KTWC Twice 103.5"
KSFX 100.5 NM Roswell, loc. PSAs, op\$
1654 KSNM 98.7 NM Truth or Consequences, calls
1657 KLEO 97.7 NM Belen, "Radio Lobo", S:
1700 KRET 98.5 TX Rockdale, local newss
1720 KKOZ 93.3 NM Albuquerque, "KOB-FM"
1723 KYOC 92.5 TX Yoakum, Cuero ads
1734 KTMN 98.5 NM Los Alamos, "98.5 Santa
Fe's Mountain"
1736 KKSS 97.3 NM Santa Fe, "Albuquerque's
Party Station, Kiss FM"
1754 KIQM 99.9 NM Clovis, "99.9 KIQM"
1845 KENT 90.5 TX Odessa, "Sonshine Radio"
1857 KZRR 94.1 NM Albuquerque, "KZRR 94 Rock"
1900 KOAY 92.7 NM Tucumcari, legal ID
1921 KRST 92.3 NM Albuquerque, "Crest
Country Weather"
1937 KACV 89.9 TX Amarillo, "371-KACV" PSAs

Note 1: Locations in Nassau verified by Tom Bryant, who's visited Nassau several times in the past.
Note 2: Where in Jamaica is this one? I assumed Kingston & grabbed the geographical coordinates (for distance calculation) from an AM station there.
Note 3: Yes, it's stereo. Format is Tejano. (Mexican music, bilingual announcers who switched languages in mid-sentence) coordinates (for distance) assumed from KXOI-810 AM.
Note 4: KGNZ has two translators on 90.9, this one and K215AM of Snyder. No way to know which one I had--I'm assuming San Angelo as the full-power stations there were VERY strong at the time but could very well be wrong. I list both as 316 watts ERP.

Eric Bueneman (NOUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 CDT
Equip.: Realistic STA-90 AM/FM/FM stereo receiver with Radio Shack VU-110 antenna and Archerotor at 33 feet above ground level.
4/16 tr 104.5 80 Breville's QTH in Wright City, MO, using a
2000 Springfield, IL. 91.9, 98.7, 101.9, 103.7 RS 6-el. yagi in a second story loft)
4/22 tr 2105 KITT 99.7 MO St. James/KITR 65
2108 KBDZ 93.1 MO Perryville, k, "B-93.1" 70
cm St. Louis DX Get-Together 1995 at Walt
cont.

SOUTHERN FM DX
4/22 tr
2115 KMXV 93.3 MO Kansas City, r(CHR)
2130 KITR 101.3 MO Springfield, b,
"Gentle Giant"
6/3 Es (back in Hazelwood)
1645 MUF channel 6
6/8 tr
1048 KIRO 96.1 MO Clinton, "Q96, loc. ads
1053 KQMX 97.5 MO Rolla, "Magic 97.5", r,
(Hot AC), temp. as 71° in Rolla, ex 94.3 80
First E-skip opening of the season made it into FL and southeastern Mexico, but only made it as high as channel 6. However, tropics made up for it on June 8, with three new stations logged. Was a bit surprised to receive KMXL 95.1 at equal level with WDZQ, TV stations from SW MO and SE KS were in at the same time, with Jefferson City TV stations in like locals! 73 and good DX from NOUIH.

Keith D. Pugh, 227 Martin St., New Hope AL 35760
Equip.: McIntosh MR-78, Probe 9
6/12 Es
1242 KZFM 95.5 TX Corpus Christi, "HOT 295"
1243 KEDT 90.3 TX Corpus Christi
1244 KLUJ 89.5 TX Robstown
1245 KFGG 86.7 TX Corpus Christi, g, lcl. ref.
1246 KMXR 93.9 TX Corpus Christi
1247 KQNN 92.1 TX Alice
1249 KSAB 99.9 TX Robstown
1250 KEPG 100.9 TX Victoria
1251 KOYE 94.9 TX Laredo
1259 KBNL 89.9 TX Laredo
6/13 Es

1048 KBWI 91.1 CO Morrison, ID
1131 unID 91.1 "High Plains Pub. Radio"
1138 KROA 95.7 NE Grand Island
1141 XET 94.1 NL Monterrey
1142 XHRK 95.7 NL Monterrey
1143 XHRP 94.7 CL Saltillo
1143 XHXL 91.7 NL Monterrey
1145 XHLL 101.3 NL " , L
1145 XHJL 98.9 NL , rs
1146 KHSP 99.7 NL
1147 XHOQ 93.3 NL , o/WHVK
1148 XHOQ 93.5 CL Saltillo
1149 XHSRO 92.5 NL Mont.
1152 KHOY 88.1 TX Laredo
1301 KRNE 91.5 NE Merriman, ID
6/14 Es
1752 WEZF 92.9 VT Burlington, r, ID
1753 WKLL 94.9 NY Frankfort, "K-Rock"
1755 WUNYt 89.5 NY Utica
1801 WMMR 96.3 ME Rumford
1803 WNIQ 93.1 NY Syracuse, ads
1901 WTHK 93.5 NY Hudson, k, ID

1901 WCYY 94.3 ME Biddeford, "94.3 & 93.9"
1902 WYNZ 101.9 ME Portland, k
1903 WYNZ 100.9 ME Westbrook, o
1904 WGIRt 101.1 NH Manchester
1905 WEGQ 93.7 MA Lawrence, "Eagle 93-7"
1907 WSRN 96.1 MA Worcester, ID
1910 WZID 95.7 NH Manchester, ID
1911 WMBR 88.1 MA Cambridge, ID
1912 WCDQ 92.1 ME Sanford, r, ID
1912 WLYT 92.5 MA Haverhill, ID
1913 WEMX 98.5 MA Boston, "Mix 98.5"
1914 WXXW 98.9 MA Webster, "Double X"
1916 WHEB 100.3 NH Portsmouth
1916 unID 102.9 oldies, "Digby 103"?
1921 WCLB 105.7 MA Framingham, ID
1922 WJUX 106.7 MA Boston
1923 WWKX 106.3 RI Woonsocket, "KIX 106"
1924 WSSH 99.5 MA Lowell, "Wish 99.5"

Bueneman, cont.
6/8 tr
1055 KWTO 98.7 MO Springfield-loc. ads, wx,
"Rock 99", rp(ACR), mixing/w WNNS 190
1056 KITR 99.7 MO St. James, loc. ads, ID
with KITR-1490, into ABC nx, no KFAV 75
1102 KMXL 95.1 MO Carthage, legal ID with
Joplin, "Mix 95.1", intr r(Hot AC), #200 240
1104 KCLR 99.3 MO Boonville, "Clear 99" k 125
1105 KITR 101.3 MO Springfield, NBC nx, local
ads, CDT TC, wx, "The Gentle Giant", hm 190

1925 WCAV 97.7 MA Brockton, k, ID
1929 WWBB 101.5 RI Providence, o, B101
1933 WCRB 102.5 MA Waltham, c
1935 WKCR 89.9 NY New York, ID
1936 WBOB 92.9 MA Brookline, ID
1937 CKBW 93.1 NS Shelburne
1938 WCTK 98.1 MA New Bedford
1940 WOON 103.9 MA S.Yarmouth, "Ocean 104"
1941 WBRU 95.5 RI Providence, DI
1942 WXTK 94.9 MA W. Yarmouth, t, ID
1943 WPBX 88.3 NY South Hampton, ID
1943 WGAO 88.3 MA Franklin, "Power 8"
1948 WRZE 96.3 MA Nantucket, "The Rose"
1949 WYOC 90.7 MA Springfield
1951 WEHM 96.7 NY E.Hampton, "96-7 EHM"
1958 WUNX 93.5 MA Harwich Port, "UN93-5"
6/18 Es (brief)
1120 unID 89.5 XHSAB NL tent.
1123 unID 91.9 SS, Veracruz ref.\$
6/19 Es (brief)
1245 unID 91.9 p.(west)
1705 KRCS 93.1 SD Sturgis

1823 FAME-FM 95.7 Jamaica, ads, \$, ID
1824 KLAS 89.9 Jamaica, Hurr.rpt., "FM89" \$
1830 unID 92.9 SS, mono, "mas Caribbean"
1831 JBC 91.1 Jamaica, "JBC FM \$"
1833 FAME-FM 89.5" ", //95.7
1842 RJR 94.9 , nx, \$
1848 RJR 101.3 , "JBC FM"
1902 JBC 92.1 , "JBC FM"
6/21 Es
1736 KQSD 91.9 SD Lowry, "SD Pub. Radio"
1801 CBQTt 88.3 ON Thunder Bay
1805 KTSN 91.1 SD Reliance, nx, //91.9
1826 WZRK 93.5 MI Hancock, ID
1831 CHIQ 94.3 MN Winneipeg
1852 KQDS 94.9 MN Duluth, ID
1853 WTBX 93.9 MN Hibbing
tr
2327 WOJG 94.7 TN Bolivar, g, ID
6/22 trs
0942 WZLJ 98.1 GA Hogansville, lcl ads.
"Brite 98.1"
0954 WRLD 95.3 AL Valley, "World 95", o
6/23 Es (brief)
1104 unID 91.1 MI nx
1123 unID Canada, EE talk, mono
6/23 trs
1647 WIZB 94.3 AL Abbeville, lcl. ads, "z-94-3"
1759 WJUN 101.3 AL Dothan, s, ID
comments cont.....

1925 WCAV 97.7 MA Brockton, k, ID
1929 WWBB 101.5 RI Providence, o, B101
1933 WCRB 102.5 MA Waltham, c
1935 WKCR 89.9 NY New York, ID
1936 WBOB 92.9 MA Brookline, ID
1937 CKBW 93.1 NS Shelburne
1938 WCTK 98.1 MA New Bedford
1940 WOON 103.9 MA S.Yarmouth, "Ocean 104"
1941 WBRU 95.5 RI Providence, DI
1942 WXTK 94.9 MA W. Yarmouth, t, ID
1943 WPBX 88.3 NY South Hampton, ID
1943 WGAO 88.3 MA Franklin, "Power 8"
1948 WRZE 96.3 MA Nantucket, "The Rose"
1949 WYOC 90.7 MA Springfield
1951 WEHM 96.7 NY E.Hampton, "96-7 EHM"
1958 WUNX 93.5 MA Harwich Port, "UN93-5"
6/18 Es (brief)
1120 unID 89.5 XHSAB NL tent.
1123 unID 91.9 SS, Veracruz ref.\$
6/19 Es (brief)
1245 unID 91.9 p.(west)
1705 KRCS 93.1 SD Sturgis



A somewhat slow Es season here. MUFs have been very unstable in these June openings. The MUF would just get into FM for awhile then drop completely out and return several times during these openings. Es on 6/27 and 28 will be in my next report (same spotty MUFs) along with a super July 1st Es which was solid most all day. 73.

### Jim Thomas, 4437 S. Stover, #3, Ft. Collins CO 80525

Pioneer TX-9500 tuner IF modified, Archer 6-el @ 25 ft. Archer 75-ohm coax and adjustable Archer 25db attenuator(used only as needed). Times MDT.



06/07 Es  
1731 89.1 **CKRL** PQ Quebec

06/22 Tr  
2215 93.7 **K216AJ** CO Ward(KGNU)

06/24 Tr  
1924 93.9 **KTAK** WY Riverton  
1949 93.7 **KRAI** CO Craig  
1959 92.3 **KJYE** CO Grand Junction  
2002 90.9 **K215BE** CO Estes Park(KUNC)  
2006 92.7 **K244AD** CO Estes Park(KVOD)  
2024 93.9 **KYSL** CO Frisco

06/25 Tr  
1106 98.3 **KATR** CO Wray

06/26 Tr  
2025 97.5 **KQSK** NE Chadron,  
Double Q Country  
2043 95.5 **KSDZ** NE Gordon  
2215 94.9 **KJLT** NE North Platte  
2222 105.3 **KKYT** NE McCook

06/27 Es  
1835 91.3 **KBCS** WA Bellevue  
1843 88.9 **????** BC Vancouver\*\*  
1845 89.5 **KNHC** WA Seattle, C-89  
1847 92.9 **KZZU** WA Spokane  
1857 90.9 **????** BC Vancouver\*\*  
1910 91.3 **????** BC Vancouver\*\*  
1922 90.7 **KZUU** WA Pullman  
1925 89.9 **????** WA or BC, classical mx  
1951 94.1 **KMPS** WA Seattle  
1952 94.1 **KCLK** WA Clarkston, id  
2000 94.1 **CBYK** BC Kamloops  
2004 94.9 **CBTA** BC Trail  
2112 94.9 **KIQK** WA Richland  
2125 92.9 **KXXS** WA Toppenish,  
New Country Kicks 93  
2130 94.5 **KATS** WA Yakima, 94.5 Cats

Tr  
2140 88.1 **KCWC** WY Riverton

\*\*Someone please help me on these. Am I dealing with translators, or what!?

Well, in the famous words of the rock band, the Cars, 'Hello Again! After several years absence from reporting dx in VUD, I've decided to give it a try again, and, hopefully if I don't get too busy with the hectic work schedule, I'll be able to give it a go for the next several months. So where's the repeat E-skip season of 1994? So far my avg. MUF is running about 95.1mhz. Not sure how my friend downstream, Doug Allen is doing. During May, Colorado had 3 weeks straight of rain, and so far through June(its already July?), its been rollercoaster weather.

The interesting anomaly this report is that the Ft. Collins cable television system is leaking. They feed via satellite, FM radio stations onto selected FM frequencies for your listening pleasure. For example, WFMT 98.7 Chicago is rebroadcast at 106.1, however, it has arrived at 107.1 on my tuner. The BBC is rebroadcast at 92.1, but appears on my dial at 89.1 very faintly. We have cable on our tv downstairs, the tuner is upstairs in my study. I have reported it to the cable company chief technician. He has informed me it is being investigated, it should not be happening. Does this happen in other locations? This is my first 'encounter of the cable kind.' Hoping everyone gets some good dx in 1995. 73! Jim

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

Equip.: Fisher 101R(1959) with old Scott amp. Winegard CS-6065 10 el. & Channel Master HD-9519 rotor

88.9 **WBZC** Pemberton, NJ trop tr 128 mi. 6/6 0731-9748 EDT loc. ann. mx, wx sports.

Voice of Burlington County College, new station first time heard

89.1 **ZEM** Hamilton, Bermuda Es 797 mi. 6/6 5:54-6:01PM pop music like thru the Grape Vine ID at 600 pm, then nx, only 2nd time hrd. QSLed on 12 hr. trop opening 1966-hi,hi!!

90.1 **KCSC** Edmond, OK Es 1175 mi, 6/14 2007-2009 Announc. for upcoming opera on SAT, ID, again NOT NEEDED QSLed years back! Maybe I'll get lucky and have something to write-HI!

88.3 **WRBH** New Orleans, LA Es 986 mi., 6/19 1700 ID - not needed

cont.

91.7 **KVIT** Dallas, TX Es 1210 mi. 6/19 1707--1715 Religious mx and ID, NOT NEEDED QSLd

QSLd 6/15/65 when 785 watts!

88.3 **KOCK** Cedar Rapids, Iowa Es 829 mi. 6/27 2137 ID - KOCK JAZZ LINE etc. strong not need QSLd!!

91.5 **KIOS** Omaha, NE Es 1044 mi. 6/27 2158 Promos for programs etc. -ID wx into classical Evening program, NEW HERE!!!! REPORT SENT!

101.9 **WCLB** Falmouth, MASS trop 366 mi., 6/29 0630-0655 strong with light music, ads,wx,

local news etc.,100 per cent with WLIF MD nulled, fantastic trop opening

107.9 **WEBE** Westport, Conn. trop 235 mi., 6/29 0705 wx, ads,TFC strong no sign of loc. WFSTI

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

Equip.: Onkyo T-9090, Probe 9 up 30 ft. with rotor

5/13 tr	171	6/16 tr	
0200 <b>KXGM</b> 106.5 TX Muenster-Gainesville,r		1138 <b>KBRX</b> 102.9 NE O'Neill, calls	446
6/16 tr		1139 <b>KLLY</b> 102.5 KS Clay Center, ads	226
1108 <b>KHIO</b> 106.7 MO Mount Vernon	193	1146 <b>KZNA</b> 103.9 KS Hiawatha, ad	271
1120 <b>KRYA</b> 93.1 SD Yankton,"KRY", wx	468	1153 <b>KOLA</b> 103.5 KS Ogden, ID	208
1135 <b>KEXL</b> 106.7 NE Norfolk, ad, calls	409	1158 <b>KHNE</b> 89.1 NE Hastings-Grand Is.ID	317

"Pushing out of the darkness 106.7 in Stillwater" as KLVV puts it but placing 106.7

into permanent DX darkness, as I would put it, the new Stillwater translator,now at double the power, for primary KLVV 88.7 Ponca City, went to the air around 7-7. The new 100 watt omni signal puts out a much better signal all over Stillwater when compared to the old directional translator on 103.1, which remains on the air. The translators operate from about a 60 ft. tower rising from a rather high stretch of prairie located on the east-southeast edge of town. To pick up the primary from 40 mi. away, installed about half way down the tower is a small all channel TV antenna that looks like it came from Radio Shack. The primary signal already gets into Stillwater with a fade free fairly moderate signal but not strong enough for well quieted stereo. For some reason the directional yagis for the 103.1 translator were reoriented away from my location, so now I can get the Enid station on 103.1 now, if the Probe 9 faces Enid. That Enid station gives the 103.1 translator some CCI trouble in the neighborhoods of southwest Stillwater with less of it now since reorienting the yagis toward the west(horz.)and southwest(vert.) If out of curiosity, anyone wants a photo of the KLVV Stillwater translator tower then please send me a SASE for it.

I pretty much wrote off this season in mid June after seeing evenings of no skip activity go by on TV-2 and started paying less regular attention to conditions. With nobody getting Oklahoma in the reports, don't think I missed much, at least for June.The trop on 6/16 was nice after not catching any like that after a long time. 73.

#### SATELLITE NEWS...continued from page 49

45 W - PanAmSat 1 June 1988 (years?) C and Ku band  
8.5 and 16 watts

43 W - PanAmSat 3R - to be launched soon

41 W - TDRS 4 - C band use only (dates????) powers ???  
is active

37.5 W - Orion 1 Ku band only November 29, 1994 40 watts

34.5 W - INTELSAT 603 - 1991 (14 years) C and Ku band  
powers same as other Intelsat 600 series

31.5 W - INTELSAT 504 - INCLINED ORBIT

30 W - HISPASAT 1A & 1B - September 12, 1992 and 1993  
110 watts

27.5 W - INTELSAT 601 - 1990 C and Ku

C-5.5,6,10 and 13.5 watts/Ku-20 watts

24.5 W - INTELSAT 605 - 1990 - same tech data as 601

21.5 W - INTELSAT K - Ku band only - 1992 (10 years) 60 watts  
fully encrypted satellite

also newly launched C band INTELSAT satellite

18.5 W - INTELSAT 515 - C and Ku - 1989 (10 years)

tech data same as other INTELSAT 500 series.

13 W - EKSPRESS 1 - C and Ku band - 1995 - C-9 and 65 watts/  
Ku -10 watts (7 years)

9.7 W - GORIZONT 26 (or STATIONAR 11 - C and Ku band  
1991 (7 years) C-15 to 40 watts

8 W - TELECOM 2A - C and Ku - 1991 (years?)

C-11 watts/Ku-50 watts

That's all for this time around - hope to see you in 30  
Continued good DX.

*Change*



# NORTHERN FM-DX

GREG CONIGLIO  
 5100 GLENWOOD DRIVE  
 WILLIAMSVILLE, NEW YORK 14221  
 e-mail: coniglio@geog.buffalo.edu  
 coniglio@acsu.buffalo.edu  
 V131KKDN@UBVMS.BITNET

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  
**AUGUST 1995** ■ **DEADLINE: The 5th** ■ **LOG CUTOFF: 3 months from postmark**

As you can see, things have picked up a bit. May and the first half of June was almost non-existent skip-wise for many DXers. However, things have improved quite a bit, salvaging the season. June 19th seemed to start it for many. The last week of June saw many minor openings, while the quality seemed to improve, starting around July 1st. Northeastern DXers have reported more Midwestern and Canadian Maritime reception than usual, and less of the "pests" in Florida, the Gulf Coast, and Texas. No major tropo openings to report, other than a nice one from the NYC Metro area all the way into the Maritimes during the last week of June. Let's hear from you!...

WILLIAM WYLLIE - 95 PECK ST. - FRANKLIN, MASSACHUSETTS 02038-2217

Equipment: Realistic STA-390 with built in antenna

## JUNE 1995 DX

### 6 ES: MUF 96.5

1721 WQCG 90.1 AL Huntsville  
 1730 WXVS 90.1 GA Waycross, Peach State Public Radio  
 1735 WUFT 89.1 FL Gainesville, clear ID noted  
 1800 WFSU 88.9 FL Tallahassee, local spot heard over local WERS  
 1805 WMSL 88.9 GA Athens, local spot, NPR  
 1819 WJXR 92.1 FL Maccleny, Bargain Channel Program ID, "The Shark WJXR"  
 1822 WTOG 92.1 ?? unID with these calls  
 1833 WKKZ 92.7 GA Dublin, ID, local spots  
 1845 WNTN 94.9 FL Tallahassee, "TNT Cntry"  
 1847 WWRM 94.9 FL Tampa, local spots  
 1852 WAPE 95.1 FL Jacksonville, The Big Ape  
 1855 WAFX 95.1 AL Prattville, "The Fox"  
 1942 WTJT 90.1 FL Crestview



The first opening I noticed this year was down on the scanner at 29.66 Mhz. I noted a W9NO C portable in St. Louis, MO talking to various people. One I also heard was PY2EYE South of BRAZIL. This has got to be one of my better catches. I never heard Brazil anywhere before this (nice catch!!-gc) I heard nothing on E-skip until June 6. This was a great opening that came on just before 5pm, and didn't let up until 7:45pm. I still haven't typed up all the reception reports yet. Radio was a REALISTIC DX-390 with the built in antenna. That's it for now.

## NORTHERN FM DX

AUGUST 1995

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

### FROM BLOOMINGTON, MN (CST)

#### MAY 31, 1995 Tr

2300 KNUJ 107.3 MN Sleepy Eye, "Brat 107.3"  
 slogan (for Bratwurst) (l-gc) 78

#### JUNE 1995 DX

1832 KXDL 99.7 MN Browerville 114  
 1834 WWEG 99.9 MD Ocean City (MS) 1044  
 1943 KCZQ 102.3 IA Cresco 118

#### 21 ES

1639 WMMR 93.3 PA Philadelphia 988  
 1645 WWDB 96.5 PA Philadelphia 988  
 1648 WLTY 95.7 VA Norfolk, "Oldies 95.7"  
 with lots of local ads 1057

1652 WTHH 96.1 NJ Margate City 1036  
 1655 WKTU 98.3 NJ Ocean C., Cool 98.3 1034  
 1657 WFLN 95.7 PA Philadelphia 988

1707 WKSJ 102.7 PA Williamsport, KissFM 861  
 1711 WSPJ 99.7 PA Mt. Carmel 901  
 1713 WTRG 100.7 NC Rocky Mount  
 "Oldies 100.7" 1022

1715 WKXW 101.5 NJ Trenton 998  
 1718 WFJK 104.3 NC Tarboro,  
 "Foxy107 & 104" 1035

1721 WRDU 106.1 NC Wilson 1027  
 1724 WSFL 106.5 NC New Bern 1092  
 1727 WBYN 107.5 PA Boyertown 952

1730 WSNJ 107.7 NJ Bridgeton 999  
 1835 WCQS 88.1 NC Asheville 856

### DX FORM CABIN @ PROSIT, MN (CST)

#### JUNE 1995 DX

#### 2 TR

1659 KBK 95.5 MN Mora 84

#### 5 TR

2306 KFIL 103.1 MN Preston 232

#### 7 TR

0030 KLSE 91.7 MN Rochester 205



New England's Smooth Jazz

### 7 ES

1635 KKOR 94.5 NM Gallup 1152  
 1636 KKOB 93.3 NM Albuquerque 1102  
 1644 KRST 92.3 NM Albuquerque 1102

1651 KZUA 92.1 AZ Hobrook, "B92" 1240  
 1653 KAFF 92.9 AZ Flagstaff 1283  
 1655 KXRK 96.1 UT Provo, 1061  
 1658 KUTQ 99.5 UT Bountiful 1048

1720 KOUU 104.1 ID Amer. Falls, Kore104 1032  
 1731 KSIT 104.5 WY Rock Springs 902  
 1734 KSLT 107.3 SD Spearfish, SHORT ES 569  
 1740 KMOV 102.9 ID Jerome, Mix 103 1113

1746 KLCE 97.3 ID Blackfoot 997  
 1748 KTRZ 93.1 WY Riverton 817  
 1758 KBLJ 92.1 CO LaJunta 836

1800 KPRN 89.5 CO Grand Junction 973  
 1800 KENW 89.5 NM Portales 1049  
 1800 KJOL 90.3 CO Grand Junction 973  
 1825 KMGJ 102.5 ID Pocatello 1011

1828 KCVI 101.5 ID Blackfoot, Target 101 997  
 1830 KBMC 102.1 MT Bozeman 883  
 1830 KZMT 101.1 MT Helena, Z101 918

1833 KMTX 105.3 MT Helena 918  
 1850 KID 96.1 ID Idaho Falls 925  
 1857 KLZY 92.5 WY Powell 772

1900 KGPR 88.9 MT Great Falls 876  
 1905 KQUY 95.5 MT Butte 950

#### 13 ES

1200 WQCK 92.7 LA Clinton, g, "Q92.7" 1115

#### 20 ES

1440 WFLS 93.3 VA Fredericksburg 976  
 1449 WDLX 93.3 NC Washington 1131  
 1500 WRQR 94.3 NC Farmville 1109

1505 WOBM 92.7 NJ Toms River 1043  
 1506 WNHV 92.5 NC Nags Head,  
 "Carolina 92" 1161

1507 WBJC 91.5 MD Baltimore 967  
 1513 WERQ 92.3 MD Baltimore 967  
 1513 WLWV 92.1 DE Fenwick I., The Wave 1070

1520 WDSB 94.7 DE Dover (An AM station  
 was heard on 67 khz SCS) 1018

1521 WMUU 94.5 SC Greenville 995  
 1524 WRVQ 94.5 VA Richmond, "Q94" 1015  
 1530 WAMU 88.5 DC Washington 967

1559 WJHU 88.1 MD Baltimore 967  
 1601 WSCL 89.5 MD Salisbury 1050

That's about it for the Es - nothing great so far! Bruce Elving told me the other day that a new American Family Radio (KEAR) translator is now on the air in Duluth, MN on 88.5 w/v only. Probably be a long time before I log them out here, as 88.5 usually has KCRB Bemidji, Minnesota. Regards, John

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11 and Sherwood rx, (both IF modified), Probe 9 at 30 feet with rotor. New are underlined.

MAY 1995 DX

- 20 ES  
 1813 WAYG 89.1 FL Sarasota, g  
 1813 WAYJ 88.7 FL FLMyers, g // WAYG  
 1824 WRKX 96.1 FL Bonita Springs, K-Rock  
 2106 KWKH 94.5 LA Shreveport, k, Radio Ranch

21 ES

- 1844 WNDI 95.3 IN Sullivan  
 1847 KXOK 97.1 MO Florissant, Mix 97.1  
 1859 KRNA 94.1 IA Iowa City  
 2101 WMCU 89.7 FL Miami, g  
 2114 WZZR 92.7 FL Stuart, r  
 2225 CM-- 92.9 CU Mono, instrumental music  
 and good ID by a female announcer

JUNE 1995 DX

6 ES

"If anyone had doubts about the Bolin Phase Box, read on!"

- 1733 WHMA 100.5 AL Anniston, "Alabama 100"  
 heard with WRCH phased  
 1741 WMJJ 96.5 AL Birmingham, WTIC phased  
 1744 WDJC 93.7 AL Birmingham, g, calls, WZMX phased  
 1745 WOGK 93.7 FL Ocala, "K-Country 93.7 FM"  
 1800 WPAP 92.5 FL Panama City, k, WYVY phased  
 1822 WGLF 104.1 FL Tallahassee, Gulf 104, rock  
 with WMRQ phased  
 1828 WZAT 102.1 GA Savannah, Z-102FM, Today's  
 Best rock, WAQY PHASED!  
 1835 WIVY 102.9 FL Jacksonville, Coast 102.9  
 with WDRC phased  
 1840 WQIK 99.1 FL Jacksonville, k, WPLR phased  
 1852 WXFJ 95.1 AL Prattville, Fox  
 1855 WQPW 95.7 GA Valdosta, FM96 Rock, with  
 WKSS phased  
 1900 WNLB 91.7 FL Ferdinanda Beach  
 1908 WGYL 93.7 FL Vero Beach, WZMX phased  
 1916 WKFT 95.5 MS Jackson  
 1923 WABB 97.5 AL Mobile  
 1926 WKNN 99.9 AL Mobile, Coast 100
- 14 ES  
 2018 WMJJ 96.5 AL Birmingham, Magic  
 2030 WDJC 93.7 AL Birmingham, g  
 2035 WBAM 98.9 AL Montgomery, "New Country"  
 2040 WNNX 99.7 GA Atlanta, 99-X  
 2045 WSB 98.5 GA Atlanta, B98.5 Love Songs  
 2049 WEKS 92.5 GA Zebulon, many local towns ment.  
 2050 WVFJ 93.3 GA Manchester, g  
 2131 WJGA 92.1 GA Jackson  
 2147 WMTM 93.9 GA Moultrie

JUNE 15 GW

- 0742 WUAE 99.7 RI Wakefield, new modern rock  
 "The Edge"

16 TR

- 0650 Fair Tropo to Norfolk: WJQI 94.9, WYFI 99.7, WFOG.  
 0706 WQMS 100.5 VA Norfolk, top Country, with  
 WRCH phased out.

17 ES

- 1120 WLVE 93.9 FL Miami Beach, Love 94  
 1125 WXDJ 95.7 FL Homestead, El Zol,  
 Noventa y Cinco, Spanish  
 1130 WZTA 94.9 FL Miami Beach  
 1130 WCMQ 92.3 FL Hialeah, SS  
 1145 WMCU 89.7 FL Miami, g  
 1202 WAYF 88.1 FL W.Palm Beach, WayFM, g  
 1210 WLRN 91.3 FL Miami, NPR  
 1216 WOVV 95.5 FL Ft. Pierce, Star 95.5  
 1218 WKGR 98.7 FL Ft. Pierce

19 ES

- 1719 CKPE 94.9 NS Sydney, k, Cape Country K94  
 I think I missed most of this. JF had NS/NF Es  
 yesterday around noon. Missed that too. We  
 were at the beach.

21 ES

- 1914 KCRB 97.7 IA Gady Center  
 1917 KGLI 95.5 IA Sioux City, KG95  
 1926 KITN 93.5 MN Worthington, "Kitten"  
 1930 KEMB 100.1 IA Emmetsburg  
 1948 KILR 95.9 IA Estherville

21 TR

- 2154 WPCX 102.9 MA Hyannis, WDRC phased

24 TR

- 2112 WKXE 95.3 VT White River Jct., WRSI phased  
 last heard years ago

- 2152 WKBE 100.3 NY Warrensburg, KB-100

27 ES

- 2126 KSYN 92.5 MO Joplin, WWYZ phased  
 2142 KGMV 100.5 MO Aurora, "My Country 100.5"  
 (I really love doing this to WRCH)  
 2152 KXOK 97.1 MO Florissant  
 2200 KBEZ 92.9 OK Tulsa, love songs  
 2207 KIXQ 93.9 MO Webb City, k



Since this is my first summer using the phase box for Es, I have changed my habits a little. I am staying with my locals a lot more, and hanging in with the Es on those channels much longer than I normally would. This cuts down on the quantity of loggings, but helps me to add more new stations on the frequencies I need. More next time.

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

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: ELT

MAY 1995

- 2 CW  
 1700 {WJUX}99.7 NY Monticello, wx, call,  
 40s music, still IDs 103.1 translator  
 before the 99.7, ex: WXTM 75  
 1709 {WRRV}92.7 NY Middletown, call +  
 "The Rock Revolution" 60  
 1932 W209AR 89.7 NJ Long Branch,  
 translator of WFFM-89.1 Trenton 29

20 Es

- 1808 WSOR 90.9 FL Ft. Myers, wx, call, g 1070  
 1810 WMCU 89.7 FL Miami, call,  
 Christian rock 1078  
 1829 WMNO 98.9 FL Orlando, call, lite r 921  
 1839 WQNE 98.1 FL Titusville, Daytona ads  
 k, "98 Frog", WOGL phased 885  
 1846 WHIQ 96.5 FL Orlando, call, r 911  
 1849 WJBX 99.3 FL Ft. Myers Beach,  
 "99X Classic Rock" 1062  
 1859 WFTI 91.7 FL St. Petersburg, ID 1001

JUNE

- 5 Tr  
 2101 {WRNR}103.1 MD Grasonville, call,  
 "Rock 'N Roll Radio",  
 Ex: WAQA/WBEY/WHVY/WXYL 147

6 Es

- 1711 WWTN 99.7 TN Manchester, "99.7 WTN",  
 talk, Nashville ad 727  
 1721 {WJXA}92.9 TN Nashville, "J-92.9" +  
 call, soft r. 746  
 1724 KWYN 92.5 AR Wynne, Eastern AR mention,  
 "Country 92.5" 965  
 1726 WMFS 92.9 TN Bartlett, call, r 924  
 1733 WINL 98.5 AL Linden, "WIN 98.5", ad  
 for Demopolis Piggly Wiggly 943  
 1738 WZZR 92.7 FL Stuart, "ZZR" 979  
 1740 WHMA 100.5 AL Anniston, "Alabama 100" 790  
 1743 WEBZ 99.3 FL Mexico Beach, call +  
 "The Breeze" 960  
 1753 WOCW 92.1 SC Parris Island, promo  
 about carrying WTOG (TV) news  
 1755 WLRO 99.3 FL Cocoa,  
 ID + "Light Rock 99.3" 922  
 1819 WKTK 98.5 FL Crystal River,  
 "98.5 KTK" 929  
 1820 WWMt 97.7 SC Georgetown, "Mix 97.7"  
 1822 WYBB 98.1 SC Folly Beach, "Charleston's  
 Concert Connection, Rock 98" 630  
 1824 WSYN 106.5 SC Georgetown, Myrtle Beach  
 ads, "Sunny 106.5", o 558  
 1827 WSLY 100.5 SC Charleston, "Sunny 100"  
 1828 WLOH 97.3 FL Chiefland, ad, call, k 902  
 1836 WFEZ 101.3 FL Williston, Ocala ad,  
 "Magic 101.3", ex: 92.1 898  
 1843 WYNR 107.7 GA Darien, call  
 + "The Winner", k, 762

JUNE 6 (cont'd.)

- 1856 WXRG 96.7 MS Gulfport, call, r 1077  
 1902 WQON 95.9 AL Greenville, ID 909  
 1902 WXCV 95.3 FL Homosassa Springs,  
 "Citrus 95" 937  
 1915 WMFC 99.3 CA Monroeville, ads, ID,  
 Braves baseball 954

10 Tr

- 2017 W277AB 103.3 NY Noyack, translator  
 of WSHU-91.1 Fairfield, CT 112

14 Es

- 2022 KNIN 92.9 TX Wichita Falls,  
 ads, call, r 1402  
 2027 {WEZY}94.1 FL Lakeland, "FM94 - WEZY",  
 soft rock, Ex: WVFM 994

18 Es

- 1200 CBNM 90.3 NF Marystown, CBC 1061  
 1207 CBNQ 95.3 NF Trepassey, CBC 1132  
 1215 VOOB 97.5 NF St. John's, ads, full ID  
 w/VOCM-1 100.7, Rick Dees 1182  
 1223 CHOZ 94.7 NF St. John's, OZ FM  
 Local WFME phased 1182

19 Es

- 1639 WHJT 93.5 MS Clinton, call 1051  
 1640 {KZMZ}96.9 LA Alexandria, ad, call,  
 r, Ex: KSLI/KTIZ 1208  
 1721 WMC 99.7 TN Memphis, "FM 100",  
 Memphis' best mx of 70s, 80s, 90s 948  
 1725 KKBQ 92.9 TX Pasadena, "93Q Country",  
 Houston traffic, ads 1393  
 1729 KLSA 90.7 LA Alexandria, ID 1194

20 Es

- 1713 WAQE 97.7 WI Rice Lake, ads, call 938  
 1721 KDJS 95.3 MN Wilmar, "K-95.3", k  
 1741 KBRK 93.7 SD Brookings, ads,  
 "B-93.7", r 1168

21 Es

- 1859 KTSD 91.1 SD Reliance, S.D. Public  
 Radio, no local ID at either  
 1900 or 2000 1308  
 1902 KQAA 94.9 SD Aberdeen, local ads 1262  
 1918 KKCK 99.7 MN Marshall, PSA, call 1120  
 1924 {KQCL}95.9 MN Faribault, ads, wx,  
 "Power 96", Ex: KDHL 991  
 1927 KMFX 102.5 MN Lake City, ads, wx,  
 "Fox Country" 937  
 1936 KWWK 96.5 MN Rochester, wx, jingle;  
 Ex: 96.5 MHz 959  
 1951 KCOD 90.3 MN Moorehead, heavy wx  
 warning, call 1188

22 Tr

- 2058 {WPGI}100.9 NY Horseheads, k,  
 "Piggy 100.9" legal ID, Ex: WQIX 166  
 2057 CHTZ 97.7 ON St. Catherines, noted  
 actually giving call letters. 306  
 73, Joe

Equipment: Fisher FM-660 modified with 110 khz filters and RS FM antenna & rotor.

MAY 20 1995 ES

1805 WGYL 93.7 FL Vero Beach	983
1807 WRXK 96.1 FL Bonita Springs	1096
1812 WIKS 92.9 FL Punta Gorda	1065
1817 WHTQ 96.5 FL Orlando	947
1821 WCTQ 92.1 FL Venice	1065
1825 WRBQ 104.7 FL Tampa	1012
1835 WPNT 102.5 FL Sarasota	1053
1836 WQNE 98.1 FL Titusville	929
1841 WOLZ 95.3 FL Ft. Myers	1082
1845 WCMS 100.5 VA Norfolk BACKSCATTER!!	313
1849 WCOG 107.3 FL St. Pete	1027
1850 WYNF 107.9 FL Coal Grove	1047
1855 WYUU 92.5 FL Safety Harbor	1016
1901 WFLZ 93.3 FL Tampa	1012
1907 WMFO 92.9 FL Ocala	926
1929 WFTT 91.7 FL St. Pete	1027
2122 KVTT 91.7 TX Dallas	1373

JUNE 5 1995 ES

1715 WFRQ 94.9 TN Waynesboro ID	834
1719 WBIP 99.3 MS Greenville	1067
1724 WADL 106.5 MS Clarksdale	1012
1726 WMLQ 104.9 FL Havana	913
1729 WGST 105.7 GA Canton	730
1733 WHMA 100.5 AL Anniston	814
1735 WYFA 100.9 GA Waynesboro	692
1743 WALX 100.9 AL Selma	923
1744 WEBZ 99.3 FL Mexico Beach	985
1744 WRSA 96.9 AL Decatur	825
1750 WMXQ 94.5 AL Birmingham	864
1756 WIZB 94.3 AL Abbeville	893
1759 WKAA 97.7 GA Ocilla	818
1802 WMMO 98.9 FL Orlando	947
1805 WSYN 106.5 SC Georgetown	591
1811 WYBB 98.1 SC Folly Beach	650
1815 WYNR 107.7 GA Darien	774
1819 WPNT 102.5 FL Sarasota	1053
1822 WMGF 107.7 FL Mt Dora	937
1837 WJXR 92.1 FL Macclenny	858
1843 WJCL 96.5 GA Savannah	721
1847 WHTQ 96.5 FL Orlando	947
1851 WVFJ 93.3 GA Manchester	802
1859 WMEZ 94.1 FL Pensacola	1031
1910 WBHY 88.5 AL Mobile	1052
1913 WRCZ 101.7 MA Pittsfield BACKSCATTER!!!	
1916 WMPC 99.3 AL Monroeville	980
1917 WZEW 92.1 AL Mobile	1052
1921 WQID 93.7 MS Biloxi	1100
1925 WQUE 93.3 LA New Orleans	1174

JUNE 14 1995 ES

1901 KUTZ 98.9 TX Lampasses	1509
1936 KHYI 95.3 TX Howe	1343
2011 WPCA 107.9 MS Ackerman	980
2018 KPLV 93.3 TX Port Lavoca	1533

JUNE 17 1995 ES

1022 ZNS 104.5 BAHAMAS Nassau	1107
ALSO "COMMON" FLORIDAS	

JUNE 18 1995 ES

1210 CBNM 90.3 NF Marystown	1083
1212 ???? 95.3 // to 90.3 CBNM	
1217 WOCM 97.5 NF St Johns	1157
1234 CBAF-14 NS Sydnry	788
(French and MONO)	
1252 CHOS 95.9 NF Rattling Brook	1063
( OZ FM )	

JUNE 19 1995 ES

1725 KITT 93.7 LA Shreveport	1232
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JUNE 20 1995 ES

1717 KLDX 96.1 SD Watertown	1196
1718 KSDR 92.9 SD Watertown	1196
1722 KDJS 95.3 MN Wilmer	1097

JUNE 21 1995 ES

1845 KBRK 93.7 SD Brookings	1177
1852 KWVK 96.5 MN Rochester	960
1858 KNWC 96.5 SD Sioux Falls	1171
1914 KPLO 94.5 SD Reliance	1320
1917 KKCK 99.7 MN Marshall	1127
1922 KWNO 99.3 MN Rushford	923
1923 KRCH 101.7 MN Rochester	960
1925 KXAC 100.5 MN St James	1067
1941 KSDR 92.9 SD Watertown	1196
1944 KDJS 95.3 MN Wilmer	1097
1948 KKOK 95.7 MN Morris	1144

JUNE 23 1995 TR

2004 WDGE 99.7 RI Wakefield	149
2008 WBLQ 99.3 RI Block Island	135
2010 WXTK 94.9 MA West Yarmouth	209
2030 WJFD 97.3 MA New Bedford	174
2031 WCTK 98.1 MA New Bedford	174

JUNE 24 1995 TR

0600 WSRS 96.1 MA Worcester	154
0845 WXLO 104.5 MA Fitchburg	168
0846 WRAV 94.5 NY Ravena	112
0915 WKIP 96.9 NY Arlington //WDST	58
0920 WBWZ 93.3 NY New Palz	60
0927 WJKY 101.3 NY Stillwater	145
0933 WKLI 100.9 NY Albany	124
0936 WNYV 94.1 NY Whitehall	188
0941 WENU 101.7 NY Hudson Falls	169
0943 WZAD 97.3 NY Wurtsboro	52
0945 WCZX 97.7 NY Hyde Park	63
0959 WWCP 96.7 NY Clifton Park	132

JUNE 24 1995 ES

1025 WMCU 89.7 FL Miami	1102
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Notes.....

The mileages were calculated from Fred Nordquists DX printouts.

Bahamas and Nova Scotia are new political units for me.

Comments: The E-Skip season has turned somewhat for the better. Biggest thrills were getting the Bahamas and hearing the rarely heard MN area. The June 23 & 24 Tropo from the Hudson Valley produced rarely heard stations despite the short distance as you can see. Lets hope for that blockbuster opening this year! GOODXING! BILL

Equipment: Fisher 889 Tuner..modified with 110 khz filters & Shack FM ant.

JUNE 27 1995 ES

1944 KSYN 92.5 MO Joplin	1125
1946 WSEI 92.9 IL Olney	755
1953 KRVV 100.1 LA Alexandria	1218
2021 KLRQ 96.1 MO Clinton	1059
1954 KOWO 92.1 MN Waseca	1011
2104 KLSI 93.3 MO Kansas City	1090
2110 KELO 92.5 SD Souix Falls	1171
2111 KNWC 96.5 SD Souix Falls	1171
2116 KCLR 99.3 MO Boonville	994
2124 KLTH 99.7 MO Kansas City	1090
2126 KANS 92.9 KS Osage City	1163
2132 KJMO 100.1 MO Jefferson Cty	972
2143 KCMO 94.9 MO Kansas City	1090
2145 KQRC 98.9 KS Leavenworth	1104
2151 KFKF 94.1 KS Kansas City	1093
2153 KRRD 107.3 KS Wichita	1260
2001 KLOZ 92.7 MO Eldon	997

JUNE 28 1995 TROPO

0626 WQXW 98.9 MA Webster	142
0649 WYBB 94.3 CT New Haven	69
(Very Rare! Second time in six years ever heard them)	
0703 WBOQ 99.3 ME Kennebunk	252
MAINE! FINALLY! YES!	

JUNE 29 1995 TROPO

2010 WRUJ 90.3 RI Kingston	142
2250 WFCC 107.5 MA Chatham	223
2301 WWLI 105.1 RI Providence	155
(BOTH OVER 12 MILE NY LOCALS WITH NO PHASING!)	

JUNE 30 1995 SUPER TROPO

0620 WMBE 100.1 MA Adams	131
2119 WFNX 101.7 MA Lynne	197
2137 WHRB 95.3 MA Cambridge	187
2200 CBHY 92.1 NS Yarmouth	457
2010 CIOO 100.1 NS Halifax	594
2030 WBUR 90.9 MA Boston	188
2055 CBAF9 107.3 NS Yarmouth	457
2116 WQXW 98.9 MA Webster	142
2120 CIEC 96.5 NS Halifax	594
2125 WKZE 98.1 CT Salisbury	85

JULY 1 1995 ES

0859 WRLX 92.1 FL West Palm Beach	
0903 WEAA 88.9 MD Baltimore	174
1037 KHPQ 92.1 AR Clinton	1060
1045 WGYL 93.7 FL Vero Beach	983
1053 WSYE 93.3 MS Houston	948
1054 COMMON FLORIDA's WFLZ 93.3, WYUU 92.5	
WXDJ 95.7, WPOW 96.5....etc.	
1113 WPCA 107.9 MS Ackerman	980
1114 WJMI 99.7 MS Jackson	1071
1118 WYMX 99.1 MS Greenwood	1019
1129 KXAR 101.7 AR Hope/Texarkana	1181
1134 WQRR 104.5 MS Hattiesburg	1073
1137 KJEF 92.9 LA Jennings	1275
1145 WOGY 94.1 TN Germantown	943
1150 WMTX 95.7 FL Tampa	1012
1154 KOKK 99.1 LA New Iberia	1247
1200 KAJN 102.9 LA Crowley	1262
1204 KODA 99.1 TX Galveston	1416
1222 KQOK 106.5 TX Galveston	1416
1228 KMLQ 102.1 TX Houston	1422
1232 KKBQ 92.9 TX Pasadena	1418

JULY 3 1995 ES

1059 WMEZ 94.1 FL Pensacola	1031
1103 WBLX 92.9 MS Biloxi	1100
1116 WMBJ 96.5 AL Birmingham	864
1121 WJMG 92.1 MS Hattiesburg	1073
1125 WFPX 95.7 AL Tuscaloosa	910
1130 WEEZ 99.3 MS Heidelberg	1034
1147 WZBQ 94.1 AL Tuscaloosa	910
1200 WBHL 91.3 AL Florence	849
1205 WOGY 94.1 TN Germantown	943
1210 WMC 99.7 TN Memphis	953
1217 KHPQ 92.1 AR Clinton	1060
1245 WZDM 92.1 IN Vincennes	728

JULY 5 1995 ES

0947 KVSC 88.1 MN St Cloud	1059
ALSO MN & SD RELOGS..KKCK 99.7..KSDR 92.9..	
KBRK 93.7.....etc.	

JULY 7 1995 ES

1751 KIKN 100.5 SD Salem	1204
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Comments...This season turned out better then I thought it would. That Nova Scotia opening was the first noted here by this DX-er and I am shocked that most of those stations were full scale, yep..pinning the meter! Wow! Also a thrill to finally get Maine after all these years. Another plus was catching semi-local 99.1 WAWZ off the air during the July 1 E-Skip opening. All in all a pretty good season.....GOODXING BILL.



## FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: McIntOSH MR78 tuner (the work horse for sure!) and either of 2 antennas, BOTH Channel Master 4408 ("Stereo Probe 9"), at 45 feet for most Tr and some Es, and 8 feet for nearly all Es)

## MAY 1995 DX

## 22 ES

1010 KLYT 88.3 NM Albuquerque  
1018 XHUA1 106.1 CI  
1055 KROQ 93.7 AZ Tuscon, telephone talk  
1218 KHWT 98.9 CA Essex, NOTE 1  
1233 KLUC 98.5 NV Las Vegas  
1244 KEDG 103.5 NV Las Vegas  
1300 KSSD 92.5 UT Cedar City, "Continuous hot country, KSSD Cedar City/St. George 102FM" KEYV 93.1 NV Las Vegas

## 23 GW

1500 WIUW 89.5 IL Warsaw, legal w/WIUM heard on car radio in town 40

## JUNE 1995 DX

## 3 ES

1620 much Florida to 94.7  
1628 WGYL 93.7 FL Vero Beach  
1750 WBLX 92.9 AL Mobile  
1754 WDJR 96.9 AL Enterprise, "Hot Country 96.9" ment. Ozark, SE Ala's volume dealer  
1800 WNCV 100.3 FL Niceville, heard "Ft. Walton Beach - Destin" at tune in WKSM 99.5 FL Ft. Walton, partial legal ID, fading into WQCY-IL  
1803 WKNU 106.3 AL Brewton, "WKNU 106" heard after Braves BB stuff  
1816 WILN 105.9 FL Panama City, "Island 106"  
1819 WRJM 93.7 AL Geneva, The Rose 93.7, ads  
1831 XHAAA 93.1 TA Reynosa  
1855 KSMB 94.5 LA Lafayette

## 6 TR/GW

0058 WLGM 89.7 IL Springfield, legal ID, "Springfield's new Christian music station" 80  
0059 WNLD 88.1 IL Decatur, legal ID with WBGL/WCRT/WNLD, NOTE 2 95

## 7 "Storm-Induced Regional Tr"

1359 KTRR 99.7 MO St. James, legal ID with St. James/Rolla, MONO talk. 190  
1404 KFLW 98.9 MO St. Robert, "Classic Oldies 99, KFLW" 190  
1647 WGRN 89.5 IL Greenville, "you're lisetning to WGRN", FINALLY! 150  
1713 KAMZ 93.1 TX El Paso  
1716 104.9 & 103.5 Spanish  
1720 KODJ 94.1 UT Salt Lake City  
KZBQ 93.7 ID Pocatello  
1724 KTRZ 93.1 WY Riverton  
1727 KZDX 92.5 ID Rupert, "The New 92 Cat Country" (new calls?), local ments  
1729 KLZY 92.5 WY Cody  
1732 KID 96.1 ID Idaho Falls, MUF 105.5  
1746 KUPI 99.1 ID Idaho Falls  
1747 KATH 93.7 MT Bozeman

## JUNE 7 cont.

1750 KCVI 101.5 ID Blackfoot, local anct for Blackfoot, "Target 101 FM" (70s/80s)  
1752 KORK 92.3 MT Roman, rain in the valley snow in the mtns, "Kalispell this hour..."  
1759 KZJH 95.3 WY Jackson, "KZ95", request going out to Jackson  
1806 CHEM 95.9 AB Calgary, "CHFM 5 day forecast", jingle  
1808 unID 95.9 ?? "This is KXEF (or KXEM) who am I speaking to?" listened to tape over and over Always sounded the same.  
1813 KMMS 95.1 MT Bozeman  
1815 KEZJ 95.7 ID Twin Falls  
1818 KZIN 96.3 MT Shelby, "KSEN-AM and K96 FM" in MONO  
1820 CBRM 98.3 AB Medicine Hat, MONO CBC  
CHEA6 100.5 AB Medicine Hat, MONO-FF (soon paralleled to others listed below)  
1822 CKUA1 93.7 AB Calgary  
CKUA3 97.3 AB Medicine Hat  
CKUA2 99.3 AB Lethbridge

Parallel, re: North Country Fair @ Lesser Slave Lake

1825 CKRY 105.1 AB Calgary, "sponsored by K105 throughout the entire stampede",  
1826 CHEA1 104.3 AB Lethbridge, // 100.5  
1829 CBRF 103.9 AB Calgary, // 104.3  
1832 CERV 107.7 AB Lethbridge, "The River 107 FM, Sade..."  
1835 CKUA6 101.3 AB Red Deer, re: Alberta brushfires, // 99.3  
1837 CBKS 105.5 SK Saskatoon, (may be relog) End of classical piece, recognized the announcers from hearing CBC on satellite (\$) 80  
1837 CBBC 91.7 AB Lethbridge  
CBR 102.1 AB Calgary 95  
1843 MUF on TV CHANNEL 11!  
1846 MUF, CCI ONLY, on CHANNEL 12! (wow!-gc)

## 15 ES

2050 KNMI 88.9 NM Farmington  
2052 MUF 96.9 -- faded till 2058  
2058 KGHR 91.5 AZ Tuba City, legal ID for KNAU 88.7 Flagstaff  
2110 KXAZ 93.5 AZ

## 18 ES

0925 WNOG 93.5 FL Naples, promo, AT LAST!  
0937 WMMK 92.1 FL Destin  
0941 WHY1 100.7 FL Ft. Lauderdale, & many others

## 19 ES

1235 KKFR 92.3 AZ Glendale  
1238 KZGL 95.9 AZ Cottonwood  
1632 WYNR 107.7 GA Darien, calls  
1637 WHJX 101.5 GA Brunswick

## Frank Merrill's Report - continued

## JUNE 1995 DX

## 27 ES

1841 CKUA6 101.3 AB Red Deer,  
1842 CIZZ 98.9 AB Red Deer, "Alberta's home of rock and roll, Zed 99", local ads  
1851 WJHU 88.1 MD Baltimore, local call in show about Baltimore housing problems, etc.  
1958 WNHU 88.7 CT New Haven  
2000 WWYZ 92.5 CT Waterbury  
2003 WBLQ 99.3 RI Block Island, "For Q99.3 WBLQ, I'm Channel 6 meteorologist..."



So far, not all that great of a season, with no 400 miles or more FM tropo (not an unusual status this time of year), and not even 10 hours of FM Es to June 30 already past the season's midpoint of June 21 (summer solstice). Strangest has been the conspicuous absence of any real Texas opening. Of course, the June 7 Es, with resulted in a positive ID of CIPA-9 Prince Albert, SA singlehandedly assures that this season is not a washout, no matter how scarce the Es is from now onward. (I'll say-nice catch!-gc) Interestingly, Jeff Kadet recently installed a "Stereo Probe 9" at about 9 feet, and he tells me there is maybe 5dB attenuation between it and his higher antenna (about 50 feet, I think). I also recently talked to Andy Bolin in Charleston, IL (an ex-member from the 70's), and he was surprised that I would notice very much difference between 8 and 45 feet. So, why is it that I notice a tremendous difference between the two? Most Es comes in at nearly the same signal strength on both antennas, at most 3 to 5 db weaker on the lower one. But semi-locals (which I have MANY of) are, I estimate, 25 to 30 dB weaker on the low antenna, so using it gives Es at least a 20 dB advantage over the tall one. For instance, on June 27, WMMR 93.3 completely dominated the short antenna, and the tall one had a problem getting rid of WMXP Peoria. I can't understand why I'm having such stellar results contrary to other DXers, but I certainly will NOT complain! I do notice, on occasion, that long-haul Es sometimes will do better with the tall antenna, such as CIZZ-98.9 on June 27, but the similar distances on June 7 were clearly much better (versus IL/IA/MO stations) on the short one. NOTE 1 (May 22/1218): Anytime I have Es from Las Vegas, which was received on TV at this time, this is one of the frequencies I pounce on. I still need California, and this, with 7.4 kW, is one of my "best bets" to finally bag state number 48. NOTE 2 (June 6/0059): Formerly logged as a translator of WBGL 91.7. What is club policy on such a change in legal status for a station? I have 2 or 3 such examples on TV as well, which brings up the same question.

RICHARD CONTONE - 162-07 87th ST. - JAMAICA, NEW YORK 11414

Equipment: Winegard TV-5010 with RG58 coax, Archer Amp.

## JUNE 19, 1995 TR

1600 WMRW 98.5 NY Westhampton, simul-casting with WDRE-FM





## WELCOME NEW NFMDX REPORTER!!

NEIL KAZAROSS - 25820 SUNSET LANE - BARRINGTON, ILLINOIS 60010

708-381-9868 - neilkaz@interaccess.com, Equipment: RX Onkyo T4087 w/McVey filter board. Ant 2 horiz arrayed FM13's phased thru Bolin phase box with a reconstructed FM13 (I wanna call that FM13R) all at 25 ft. (\* indicates logging was mostly due to phase box)

times CDTI list only first city for multi-licence stns.

### JULY 1 1995 E-skip

- 1120 WJIS 88.1 FL Bradenton "The Joy FM 88.1 and 91.5", lite g
- 1130 WMCU 89.7 FL Miami, call ID
- 1145 "WWKA 92.3 FL Orlando local ads w/WYCA phased
- 1146 "WMCQ 92.3 FL Hialeah SS "Mega Noventa y Dos" ID/WYCA phased
- 1154 WCTQ 92.1 FL Venice "Q92FM" local ads o/unid FL stn w/ad for going to resort at New Smyrna Beach. Nobody close listed.
- 1205 WLMS 88.3 FL Lecanto dual ID WLMS/W??? after wx,nx (ID was with WBVM Tampa-gc)
- 1210 WMNF 88.5 FL Tampa ID r
- 1215 WBLX 92.9 AL Mobile "93 BLX"
- 1217 WPGG 93.3 AL Evergreen  
"You're listening to the power pig" k
- 1220 WGYL 93.7 FL Vero Beach ID, wx had to leave for an hour but noted KACC 89.7, KBNL 89.9, XHLDO 89.9 from truck back home and TX,Mex blasting in huge.
- 1320 KACC 89.7 TX Alvin ID after local ads
- 1335 XHLDO 88.9 TM Nuevo Laredo R.Tamalipas ID, local ads
- 1338 KBNL 89.9 TX Laredo SS g, local address
- 1341 KMBH 88.9 TX Harlingen ID hrd fading o/XHLDO
- 1349 "XHAAA 93.1 TM Reynosa ID,many local ads w/WXRT phased
- 1404 KJEF 92.9 LA Jennings" Cajun country"
- 1410 XHNOE 91.3 TM Nuevo Laredo(tent) SS here w/peso and dollar ads, ad slogan ID as "Digital Noventa Uno y tres" and more frequently  
"Estereo Sol" also a power mentioned sd/lk 5000 watts. I am confused by several mentions of Matamoros and also one which sd/lk Montemorelos as well as an ad mentioning "todo Nuevo Leon" which is certainly close to Nuevo Laredo.Can anyone confirm who uses these slogans.

Well that's it for my first FM skip since moving here and getting good equipment, was happy to see that FM ES could tear up my more distant semi-local and fringe area QRM

(Thanks for sharing your report with us, Neil! Looking forward to hearing from you again!-gc)

### JULY 1 Es cont

- 1413 XHLTN 94.1 TM Neuvo Laredo SS mx and mostlySS ads, but one EE ad for Laredo clearly hrd.
- 1420 XET94.1 NL Monterrey atop XHLTN w/"Aqui en Monterrey, Neuvo Leon" ad
- 1440 KNDE 102.9 TX Alice (new call) SS "K-Onda" slogans and legal ID at 1503
- 1453 KVPV 91.3 TX Prairie View ID, s
- 1500 KJOJ 103.3TX Freeport ID as "The new KJ-FM103" and also as"KJ103AM88" and "Texas Christian Country"
- 1505 XHAHU 103.3NL Anahuac(tent) SS mx and talk, ad for something in Monterrey 103.3 FM ment in SS, temp 33 deg. C., Neuvo Leon mentions. Frank Merrill was also chasing them and believes he has ID ment."La Cuidad de Anahuac" on tape.
- 1530 KRIO 94.1 TX Floresville SS slogan "La Caliente" EE slogan "the new K-rio" atop others
- 1543 XHITS 103.7 NL Monterrey call ID in&out of WEZW QRM
- 1551 KBFM 104.1 TX Edinburg "B104" ID and local ads
- 1603 XHMF 104.5 NL Monterrey briefly strong w/"Esterio Vida" slogan, Skip weakened considerably now and MUF dropped dramatically
- 1615 KSBG 89.3 TX Humble ID, g  
Skip now all but gone on FM but still in on TV even ch. 6 most of time
- 1825 KPAC 88.3 TX San Antonio ID, strong as MUF rose briefly, c.

**WHOT**  
220 South Russell Avenue  
Williamsport, PA 17701

73 KAZ

PAUL MOUNT - P.O. BOX 126 - MONMOUTH, NJ 07738

(908) 591-2522 08-00, e-mail: prmount@attmail.com

Equipment: Onkyo T9090 II unmodified; CM-4408 (SP-9) at 30' RG-6, CM 9510A Rotor, Archer 15-1122A FM Amp, variable cap across amp input for phasing effects; GE Superadio3

### JUNE 1995 DX

#### 28 Tr

1910 WDGE 89.7 RI Wakefield p  
"99-7 The Edge"

Seemed just an ordinary S RI opening so rolled tape on WLNG and went to watch the NBA Draft.

#### 29 Tr

- 1850 WPRO 92.3 RI Providence r "92-Pro-FM"
- 1917 WOTB 100.3 RI Middletown, j "Cool FM"
- 1929 W217AF 91.3NY Huntington Stn, WSHU ID
- 1931 WRIU 90.3 RI Kingston, concert calendar
- 1947 WHUS 91.7 CT Storrs ID
- 1947 WBRU 95.5 RI Providence, club report
- 2015 WPXC 102.9 MA Hyannis, rp 72db\$
- 2019 WXZR 98.7 CT East Lyme "98.7 Z-Rock"
- 2027 WSNE 93.3 MA Taunton local ads
- 2030 WWHB 107.1 NY Hampton Bays //102.7
- 2049 WFCC 107.5 MA Chatham c,  
overrides WBLS on SR3
- 2056 WUNX 93.5 MA Harwichport,  
Underground Network
- 2100 WSHU 91.1 CT Fairfield ID o/WFMU



**CBC Radio  
Maritimes**

Note 1: DJ/Engineer Steve Conti at WBLQ described the night before as "I couldn't get Providence from Narragansett, all I could get was NYC." Note 2: WBUR mentioned their being on WSDH Sandwich, WKKL West Barnstable, WCCT Harwich (which are 91.5, 90.7, 90.3 respectively all on the cape) Note 3: Had noted parallel classical on 88.5, 90.5, and 91.1; don't know if the Amherst "5 college radio" ID referred to this // Sounds like a lot of Eastern America had Skip on Saturday 7/1 but no calls/messages about it received here. 73

### RICK SHAFTAN - 217 GREEN RD. - SPARTA, NEW JERSEY 07871

(201) 586-3563, Beeper for DX: (201) 661-5662. EQUIPMENT: Realistic STA-2280 with 7/110 khz filters (see McVey article, Nov. 1990), Channel Master 20 element TV 45' AGL, phased with FM 13's vertically stacked and winegard AP-3800 Amp (32.9 dB gain, 3.2 dB noise figure), 30' AGL and the Bolin Phase Box (VHF antenna used for phasing). (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

### MAY 20, 1995 E-skip

1815 92.5 UNID ?? Calypso Mx. Jamaica??

### JUNE 10 Tr

- 2250 104.7 WWMD, Hagerstown MD, good to know I can still get this thru WRNJ relay 20 mi away in same direction.
- 2320 102.1 WOWO, DuBois PA, C/W. Q-102 ID
- 2355 101.7 WNNN, Canton NJ, Not significant catch, but this religious station was running heavy metal.

### JUNE 11 Tr

- 0020 95.9 WOSC, Bethany Beach DE, "95.9 The Coast" new non-ID
- 1630 95.9 WYII, Williamsport MD C/W.  
"91 Degrees in Williamsport." Looked near Williamsport PA and saw no 95.9. Then heard mentions of Hagerstown. It was 78 here.

### JUNE 30 Tr

- 0126 WMRW 98.5 NY Westhampton,  
p U.N., finally!
- 0130 WBLQ 99.3 RI Block Island, rp, NOTE 1
- 0249 WXHL 89.1 DE Christiana,  
contemp christian mx
- 0802 WRTQ 91.3 NJ Ocean City, ID  
w/Atlantic City, //WRTI
- 2259 WJMN 94.5 MA Boston, s, ID
- 2300 CBHY 92.1 NS Yarmouth thanks JF Tip
- 2313 CIEC 96.5 NS Halifax rm "96.5 Sunny FM"
- 2316 WBCN 104.1 MA Boston, Howard Stern
- 2323 CBH 102.7 NS Halifax, f, CBC \$ ID
- 2330 CIOQ 100.1 NS Halifax, rm,  
"Lite Rock Hits C-100"
- 2347 WCAV 97.7 MA Brockton, k  
"your country 97-7 wcaV"
- 2359 CFRQ t 104.3 NS Halifax, rp  
"the all night party"

### July 1 Tr

- 0000 WMJX 106.7 MA Boston end of  
David Allen Boucher show
- 0045 WERS 88.9 MA Boston, ID, r or j
- 0048 WXXW 96.9 MA Webster, o "96.9 double X"
- 0058 WBUR 90.9 MA Boston, ID, NOTE 2
- 0100 WFCC 88.5 MA Amherst, ID  
"Five college radio" NOTE 3

### June 11 Tr

2333 102.9 WROG, Cumberland MD  
C/W thru Phila. ID

### JUNE 12 Tr

- 0008 96.3 WUNS, Lewisburg PA, "The Solid Gospel Voice of the Sesquehanna Valley."
- 0153 97.9 WZMT, Hazleton PA  
Now IDing as "97.9, The Mountain"

### JUNE 13 TrS

2000 90.7 WCLH, Wilkes Barre PA, Thought it was Es. Calls w/ID for Wilkes Barre-Scranton.

**WJ**  
**WWMD**  
Hagerstown Broadcasting Company, Inc.  
1136 Haven Road  
Hagerstown, Maryland 21742

## Rick Shaftan's report - continued

## JUNE 14 Es

- 1835 92.5 UNID Country. ID as "KDAP" with dual ID sounded like "KCAT"
- 1850 94.9 KSFM, Coushatta LA Country, calls
- 1855 95.5 WOXD, Oxford MS, Beatles, "Oxford's 95.5, WOXD" thru local WPLJ.
- 1920 94.5 KWKH, Shreveport LA, Lo 63, Hi 88, 90 Fri. Country Mx. Only 94.5 with that forecast is Shreveport and it matches exactly.
- 1925 94.9 KSNM, Arlington TX  
EZ Country, Sunny 95
- 1932 94.1 KLTU, Fort Worth TX Local ad
- 1934 95.9 KDXE, Sulphur Springs TX Ad for Sulphur Springs Welding Shop at 1313 West Industrial Drive
- 1936 97.1 KEGL, Fort Worth TX Eagle. Thru NY
- 1938 97.7 KALK, Winfield TX K-Lake
- 1940 98.7 KLUV, Dallas TX, Lovin Spoonful and ragging on Houston. Thru NY
- 1942 99.5 KPLX, Fort Worth TX Ad for Gaff Chevy-Geo, East Main and 14th Streets, Grand Prairie.
- 1944 100.9 UNID Ad for 1-800-New Life. Then a Country station and a station that IDed as "KH."
- 1955 101.7 KXAR, Hope AR W/ad for "local" Sister Powers, 1101 Hwy 59, Atlanta TX. 903-796-2173.
- 2020 98.1 KIRO, Lawton OK Calls
- 2030 92.5 KPRV, Heavener OK, Ad for CCI Electronics, One Block North of WalMart. CCI is in Poteau OK, near Heavener.
- 2040 92.5 UNID Braves BB. Very strong for a minute. Almost sounded like Ms.
- 2042 92.5 UNID Fax 1-800-826-3637 for Celebration Tours Holy Land Visit.

## JUNE 17 TrS

- 2139 100.5 WMTT, Conklin NY, "The Southern Tier's newest radio station, Classic Hits, The Met."

## JUNE 18 Es

- 1238 95.9 CBAF14, Sydney NS French
- 1245 90.3 CBNM, Marystown NF, CBC.  
New Province #5

## JUNE 19 Es

- 1512 92.3 WCKW, LaPlace LA  
"Louisiana's Rock"
- 1530 95.9 WBBN, Taylorsville MS  
B-95 Hottest New Country
- 1532 99.1 KXKC, New Iberia LA, Calls, ad for J.P. Thibadeaux Automotive Superstore.
- 1540 93.7 Q-Lite 94 Radar Weather
- 1620 92.3 KETX, Livingston TX, New Kids Country. Ad for Splashtown.
- 1630 92.9 KKBQ, Pasadena TX 93-Q Country

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## June 19 ES cont.

- 1640 92.1 WJNS, Yazoo City MS Mississippi Gospel
- 1645 92.5 ???? Ad for First National Bank of Port Natcha. Calls sounded like KN.
- 1650 93.3 KLTN, Port Arthur TX, Spanish w/local ad. Could this be my Spanish of last week?
- 1653 95.9 CBAF-14, Sydney NS, French
- 1654 96.3 CIOZ, Marystown NF "OZ FM"
- 1655 99.1 CKIX, St. Johns NF, "Kix Country"
- 1702 105.9 CBAF-19, St. Johns NF //95.9
- 1705 94.9 CKPE, Sydney NS, Canadian Nx
- 1710 94.7 CHOZ, St. Johns NF Metal. // OZ
- 1733 96.9 KIOX, El Campo TX, C/W X-97 FM
- JUNE 20 Es
- 1635 95.7 KOWC, Webster City IA Local ad
- 1640 94.9 KMXX, Cold Spring MN  
Oldies 94.9 w/ad for St. Cloud
- 1645 96.1 ????, Ad for Newmark Lawn Care and Glencoe Landscaping (There is a KARP in Glencoe, Minnesota, that I believe it still on 96.1, not 96.3-gc)
- 1655 98.1 KVET, Austin TX Calls
- 1700 96.9 KDLO, Watertown SD, Ad for Doug's Anchor Marine
- 1710 96.5 KJKJ, Fergus Falls MN  
Oakland vs Twins
- 1720 97.7 WAOE, Rice Lake WI Ad for Marketplace Foods, which checks out in computer database to Rice Lake.

## JUNE 22 Tr

- 2130 92.9 WLTJ, Pittsburgh PA  
"Pillow Talk on WLTJ"
- 2200 96.7 WQCM, Halfway MD "96.7 QCM"

## JUNE 23 Tr

- 0633 102.5 WKDY, Rome NY, Kiss 102
- 0644 100.3 WDHI, Delhi NY  
"Your favorites right here on WDHI"
- 0702 94.7 WJYN, Deposit NY Calls
- 2330 94.5 WJMN, Boston MA "Jammin 94.5"
- 2334 99.7 WUAE, Wakefield MA, "The Edge"
- 2345 100.1 ???? "Sea 100 FM" (Sounds like you may have had CIOO Halifax, "C100" on trop!-gc)
- 2355 101.3 WJKE, Stillwater NY Now "The Jockey"

## JUNE 24 Tr

- 0000 100.5 WMTT, Conklin NY, IDing as "Kirkwood and Conklin on 100.5, 94.7 in Waverly and in Painted Post, we're on 95.3"
- 0040 93.9 WKXZ, Norwich NY Kix 94
- 0050 98.9 WOKO, Burlington VT Calls
- 0055 99.5 WRVE, Schenectady NY  
Capital City Wx from the River
- 0127 99.9 ???? Steve Winwood thru Easton PA which I think was Plattsburgh.
- 0130 98.9 WXXW, Webster MA "Double X"
- 0202 96.9 WBOS, Boston MA Calls
- 0205 96.3 WRZE, Nantucket MA The Rose

## Rick Shaftan's report - continued

## June 24 Tropo

- 0212 102.7 WPJB, Naragansett Bay RI  
Bright 102.7 WPJB
- 0216 102.7 ???? Grateful Dead thru WNEW which could be VT.
- 0230 91.9 WGTS, Takoma Pk MD, Note that this one was running religion at this time. W220AV, Lawrenceville NJ also in.
- 2225 93.1 WNTQ, Syracuse NY Disco, 93-Q
- 2236 94.5 WYYY, Syracuse NY Y-94
- 2305 105.1 WVOA, DeRuyter NY Spanish  
Religion "Radio Revolucion" Calls at 0000.

## JUNE 25 Tr

- 0024 101.1 WBUG, Fort Plain NY C/W.  
Ad for something in Herkimer Co.
- 0108 93.3 WCAN, Canajoharie NY, //91.7
- 2200 90.1 WPSB, Kane PA, Flood Warning for Jefferson, Warren, Blair and other local counties.
- 2332 101.3 WRMM, Rochester NY Ad for concert by Rochester Philharmonic Orch.
- JUNE 26 Tr
- 0008 105.9 WJZR, Rochester NY "105.9 WJZR The North Coast" and AP nx.
- 0026 96.9 WMKB, Ridgebury PA Christian  
Contemp. and ad for concert in Chemung Co. (NY)

That's the latest from what the radio marketing people call "Radio Free Sparta," where the New York stations blank out. (You can't make a cellular call at my house). Hope someone can figure out my 92.5 Reggae from last report. Thanks to phasing, I was able to use the moderate trop conditions to pull a number of stations within a few hundred miles thru the NY and Easton locals. Total now 1112.

## SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5

(416) 364-0725, e-mail: chernos@web.apc.org

## June 6 Es (Toronto, MUF 95.7)

- 1930 WXDJ 95.7 FL Homestead SS

## June 14 Es (Toronto, MUF 105.9)

- 1933 W 89.9 Adventures in Good Music, Winn Dixie promo Central time-check, male announcer
- 1934 W 90.7 Jazz, (just played Art Pepper, The Spirit Is Here, woman annrc
- 1936 KLRZ 100.3 LA Larose  
The Z-100 Pirate Posse
- 1939 WEDR 99.1 FL Miami rap
- 1959 WAIA 93.3 FL Callahan
- 2014 WSSP 94.3 SC Goose Creek Charleston's Golden Memories Station

## June 18 Es? (Norwood, east of Peterborough)

- 1920 uniDs 91.9 NPR-like program, 92.1 c, 92.3 g

## June 18 Tr (Burnt River)

- 2030 WWLE 106.7 NY Copenhagen Z-Rock

## June 19 Tr (Burnt River)

- 0433 WKJZ 94.9 MI Hillman ID w/ WKJC 104.7 k
- 0451 WCMZ 98.3 MI Sault Ste Marie j //WCMU 91.7
- 0902 WHST 107.3 MI East Tawas Bay 108
- 0920 WCCW 107.5 MI Traverse City Oldies 107-5
- 0923 CHAS 100.5 ON Sault Ste Marie Mix 100
- 0928 WOLS 100.7 MI Oscoda Superstation WCLS
- 0931 WLJN 89.9 MI Traverse City
- 0944 WUPS 98.5 MI Houghton Lake
- 0956 WCLX 93.9 MI Mio
- 1010 CHEY 94.7 PQ Trois Rivieres FF
- 1050 CKOI 96.9 PQ Verdun FF pr

## June 19 Es (Burnt River)

- 1509 WEBZ 99.3 FL Mexico Beach The Breeze
- 1552 WAYG 89.1 FL Sarasota
- 1604 WWNO 89.9 LA New Orleans ID  
w/ KLNO Thibodeau
- 1628 WUSF 89.7 FL Tampa
- 1929 WHY- 89.9 T..... ?

## June 19 Es continued

- 1933 WTJT 90.1 FL Crestview
- 1641 WDJR 96.9 AL Enterprise
- 1641 WBAM 98.9 AL Montgomery
- 1643 KDGE 94.5 TX Gainesville
- 1645 KNTU 88.1 TX Denton j
- 1646 WPAP 92.5 FL Panama City k
- 1721 KDEA 93.7 LA New Iberia
- June 20 Es (Burnt River)
- 1619 KFXI 92.1 OK Marlow
- 1623 KSPQ 93.9 MO West Plains Q-94, r
- 1625 KKEG 92.1 AR Fayetteville Keg-92
- 1639 KNEN 94.7 NE Norfolk
- 1640 WQCK 92.7 LA Clinton
- 1900 KHCT 90.9 KS Great Bend
- 1918 KJCK 94.5 KS Junction City Power 94.5
- 1919 94.7 682-SURF Cocacola line,  
Brownshoe, Sidrville
- 1926 99.3 99.3 The Bee oldies
- 1926 KSAJ 98.5 KS Salina
- 1933 92.1 North Star elem school, Kearney,  
Larson, near IA ?
- 1933 KMZA 92.1 KS Seneca
- 1935 K 92.9 Russwood, Lincoln Dodge  
KTGL Beatrice/Linc? ?
- 1954 KEZO 92.3 NE Omaha
- June 21 Es (Toronto-Mississauga)
- 1923 KKQI 93.5 NE Columbus Cayote Country k
- 1929 KROA 95.7 NE Grand Island
- 1930 KNEN 94.7 NE Norfolk r
- 1931 KKPR 98.9 NE Kearney Power 99 ro
- 1941 KAYL 101.5 IA Storm Lake
- 1947 KEXS 100.3 SD Rapid City  
Classic Rock 100.3 The Fox
- 1951 KKMK 93.9 SD Rapid City
- 2000 KPNE 91.7 NE North Platte
- 2000 KVNO 90.7 NE Omaha
- 2003 KEZH 101.5 NE Hastings

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Saul Chernos' report - continued.

**June 23 Tr (NE Toronto)**

0308 WBTF 101.7 The all new BT country k  
 0317 WGFM 105.1 MI Cheboygan r  
 0340 CKTF 104.1 PQ Gatineau  
 0400 WBCM 93.5 MI Boyne City TCM, k  
 (/WTCM 103.5)  
 0402 CKLP 103.3 ON Parry Sound  
 0407 WKLZ 98.9 MI Petoskey, KLT (/WKLT)  
 0410 WHSB 107.7 MI Alpena

**July 1 Es (Coldwater-Orillia)**

1150 KDOK 92.1 TX Tyler  
 1239 KUEZ 99.3 TX Lufkin  
 1240 WYNK 101.5 LA Baton Rouge  
 1241 WKNN 99.1 MS Pascagoula  
 99.1-K-99-FM k  
 1243 KXKC 99.1 LA New Iberia Hot Country  
 1246 KROF 105.1 LA Abbeville  
 1247 WCKW 92.3 LA Laplace  
 1255 unID 94.7 Arrow 94 (Jackson?)  
 1255 WTYX 94.7 MS Jackson  
 1256 WLMG 101.9 LA New Orleans Magic  
 1302 KLTR 93.7 TX Houston  
 1331 WRKF 89.3 LA Baton Rouge  
 (very weak trace)

**July 1 Tr (Orillia)**

1318 CHIP 101.7 P PQ Fort Coulonge  
 EE Bluegrass music  
 1323 WPAC 92.7 NY Ogdensburg Pack-93

Not a great season, but not the total wipe-out it appeared 1995 was headed for earlier in the Es season. Spring and early summer have not produced any real Tr ducting beyond east-central MI. 73s, Saul



**TIM MCVEY - 124 TIMBER LANE - HANOVER, PENNSYLVANIA 17331**

Equipment: Trusty old Pioneer TX-7500 with front end-IF mods, Stereo Probe 9 on a rotor hanging bat-like in the attic; Only new entries are listed; EDT

**14 June ES**

1855 88.5 WQOX TN Memphis, rn, X-88, ID 780  
 2000 92.3 WCMQ FL Miami, SS pop, FM-92 and full ID 1010  
 2055 95.7 KKJN AR Little Rock, k, calls heard, local ads 920  
 weak opening: KETS-2 and KARK-4 in clear all evening, but FM struggled

**21 June ES**

1950 92.9 KYYY ND Bismarck, r, Y-93 1250  
 1958 100.5 KIKN SD Salem (Sioux Falls), wx 1050  
 2000 101.5 KSSS ND Bismarck-Mandan, g and ID 1250  
 2002 96.5 KBYZ ND Bismarck, a, 96.5 the Fox unsure about calls  
 2003 97.1 KYYX ND Minot, k, 97-X-FM and full ID heard 1300  
 2006 96.5 KJKK MN Fergus Falls, k, news, wx, local ads 1060  
 2018 93.7 KWYR SD Winner, mr, Magic 93.7  
 2020 93.3 KJSZ ND Jamestown, Jamestown Eagles BB game 1160  
 signal strengths strong, short fades, MUF plummeted after 2025

**24 June ES**

0950 92.9 WIKX FL Punta Gorda, k, Kicks and local ads 960

**27 June ES**

...watched KIMT-3 Mason City IA from 2030 waiting for MUF to rise  
 2120 93.3 KIOA IA Des Moines, o, Oldies 93 KIOA 870  
 2132 94.1 WOW NE Omaha, k, wow wx, ads 990

**June 27 Es cont.**

2135 92.3 KEZO NE Omaha, pr, Z-92  
 2137 104.5 KESY NE Omaha, mb  
 2138 105.9 KKCD NE Omaha, 70's oldies  
 2140 92.9 KTGL NE Lincoln, r, 92.9 The Eagle 1020  
 2145 97.1 unID with BB game: KC Royals & Cleveland Indians  
 2155 93.7 KADF KS Horton //same game as on 97.1; ad for KS lottery  
 2202 93.7 KYEZ KS Salina, k, KY-94 (1090)  
 strong signals characterized by high, steady, long plateaus and very short fades about every 2 min. — indicates very little multipath

**28 June EGW (stagnant high pressure)**

2120 95.1 WAYV NJ Atlantic City, mr the new Mix 95 135  
 2125 95.1 WZZO PA Bethlehem, 95-ZO classic rock 102  
 above received over local WIKZ, had to do some phasing to get them  
 2130 99.7 unID alternative the edge (Wow, I think this is the new WJGE Wakefield, RI-gc)  
 2157 99.3 WMID NJ Pleasantville-AC, a, Classic Rock Plus 125  
 2003 90.7 WFLV NY New York Fordham U., pr, the V 165  
 2015 95.9 WADB NJ Point Pleasant, b, calls heard also added 94.7, 96.3, 97.9, 98.7 from NYC to my logbook.

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.

\*Denotes use of phase box.

**January 1995**

16 tr  
 2000 WZVZ 92.5 IN Kokomo, r\$, ex-92.7 "Z-93" 45  
 2130 WJSP 88.1 GA Warm Springs- Previous MS Columbus, c\$ 505  
 2141 WAHR 99.1 AL Huntsville, r\$ 382  
 17 tr  
 0000 WFGZ 94.5 TN Lobelville- "Froggy-94.5" Dickson, k\$ 329  
 (o/WMLL 94.5 KY Lexington) 151  
 0457 WMAX 103.1 TN Jackson, o\$ 367  
 0517 WBKJ 105.1 MS Kosciusko, k\$ 550  
 0630 WMAW 88.1 MS Meridian, nx\$ 570  
 0710 WJDC 101.3 MS Meridian, r\$, wx 570  
 (o/WFMG 101.3 IN Richmond) 35  
 1059 WVIC 99.9 KY Mannsville- Campbellsville, k\$ 195  
 1200 WVOG 90.9 TN Cookeville, g\$ 278  
 (o/WGUC 90.9 OH Cincinnati) 88  
 1238 WYGE 92.3 KY London, g\$ 222  
 (o/WTTS 92.3 IN Bloomington-Indy)  
 2000 WJYL 88.3 IN New Washington, "The Joy FM Jamz," gr\$ 115

**February 1995**

22 MS  
 ?? unID 101.1 ?? ?  
 ?? WWDCT101.1 DC Washington

**March 1995**

7 MS  
 0800 KETR 88.9 TX Commerce 754  
 13 gw  
 2000 WCRD 91.3 IN Muncie, p\$ (see comments) 6

**May 1995**

1 tr  
 0001 WYYS 106.1 IL Streator, k\$, (/WSTQ 97.7) "Y-106" 192  
 4 MS  
 ?? KMPR 88.9 ND Minot 965  
 ?? KMPR 88.9 ND Minot 965  
 6 MS  
 ?? KETR 88.9 TX Commerce 754  
 21 Es  
 1752 WMSJ 91.9 ME Harpswell, g\$, "Joy-91.9" PSA 829  
 1800 WMEH 90.9 ME Bangor, nx\$ 904  
 22 Es  
 1004 KGNZ 88.1 TX Abilene, g\$ 961  
 1019 KACU 89.7 TX Abilene, c\$ 961  
 1114 KENW 89.5 NM Portales, b\$ 1072

24 MS (May cont'd)  
 ?? KNTU 88.1 TX Denton 809  
 28 tr  
 0531 WKZC 94.9 MI Scottville, k\$ 264  
 3 Es  
 1549 WARO 94.5 FL Naples-Fort Myers, 993 o\$, "Arrow-94.5" 837  
 1558 WMVO 98.9 FL Orlando, r\$ 1040  
 1600 WDNA 88.9 FL Miami, IDS 734  
 1602 WJBT 92.7 FL Green Cove Springs-Jax, ID\$ 926  
 1604 WLVE 93.9 FL Miami Beach, rj\$ 1040  
 1605 WMCU 89.7 FL Miami, g\$ 1040  
 1614 WOVV 95.5 FL Fort Pierce, ad\$ 926  
 1619 WJFP 91.1 FL Fort Pierce, ID 926  
 1624 WZTA 94.9 FL Miami, rp\$ 1040  
 1627 WSCF 91.9 FL Vero Beach, g\$ 913  
 1629 WINK 96.9 FL Fort Myers, ads\$ 959  
 1633 WKLG 102.1 FL Rock Harbor, k\$ 1136  
 1645 WKRY 93.5 FL Key West, j\$, Previous MS 1100  
 (o/WWO 93.5 IN Hartford City) 18  
 1700 WUCF 89.9 FL Orlando, blues \$ 837  
 1751 KZMZ 96.9 LA Alexandria, ads\$ 731  
 1804 KJEF 92.9 LA Jennings, k\$ 802  
 1823 KSIG 102.1 LA Basile, o\$, "Memories-102," S. LA wx 784  
 1829 KPVC 91.3 TX Prairie View, s\$ 921  
 1853 XHXL 91.7 NL Monterrey, "91-X" 1325  
 1900 KYFS 90.9 TX SAT, g\$ 1050  
 1901 KVRT 90.7 TX Victoria, j\$ 1028  
 1915 KLBW 93.7 TX Austin, r\$ 978  
 1916 KKRW 93.7 TX Houston, op\$ 915  
 1917 KOYE 94.9 TX Laredo, k\$ 1193  
 1926 KRIO 94.1 TX Floresville, tejanos\$ 1054  
 1929 KEOM 88.5 TX Mesquite, r\$ 807  
 1938 KAJA 97.3 TX SAT, k\$ 1050  
 1940 KUT 90.5 TX Austin, j\$ 978  
 1947 KBNJ 91.7 TX Corpus Christi, g\$ 1098  
 7 Es  
 1550 KUWZ 90.5 WY Rock Springs, 1249 WY Public Radio, nx\$ 1309  
 1705 CHSN 102.1 SK Saskatoon, o\$, "Sun 102-FM" 1309  
 1714 CFMC 95.1 SK Saskatoon, r\$, "C-95" 1309  
 1721 CFQC 92.9 SK Saskatoon, k\$, "Hot 93-FM" 1309

**Meteor Scatter Results:**

2/22 unID "...Thunder Country US..." WDC "...DC news..."  
 3/7 KETR "...one and only, the mint, KETR Commerce, Texas..."  
 5/4 KMPR "...on KPRJ..."  
 5/4 KMPR "...39. Dickinson is 36 and mostly cloudy..."  
 5/6 KETR "...beginning of next month. In Greenville, I'm Brad Kelly for KETR..."  
 5/24 KNTU "...This is KNTU Denton..."

On March 13, WCRD at Ball U began broadcasting on 91.3. I will not count this as a new station, as they are sharing studios and transmitter with WWHI Southside High School here in Muncie. WCRD would s/on at 1500 and s/off about 0400. WWHI operates M-F from 0830-1500. WCRD's ID was "WCRD 91.3 at WWHI Muncie." Fortunately, neither station is on the air during these summer months. 73- Ralph



WELCOME NEW NFMDX REPORTER!!

MIKE LAZARO - P.O. BOX 672 - GUILDERLAND, NEW YORK 12084-0672

JUNE 6, 1995 E-skip

received on car stereo from 1715-1915

Table of radio stations and frequencies: WYUU 92.5 Safety Harbor, FL; WZZR 92.7 Stuart, FL; WMFQ 92.9 Ocala; WFLZ 93.3 Tampa; WOGK 93.7 Ocala; WMTM 93.9 Moultrie, GA; WSOS 94.1 St. Augustine, FL; WNFB 94.3 Lake City, FL; WTNT 94.9 Tallahassee; WWRM 94.9 Tampa; WXFX 95.1 Prattville, AL; WAPE 95.1 Jacksonville; WPCV 97.5 Winter Haven; WRMF 97.9 Palm Beach; WKGR 98.7 Ft. Pierce; WXXL 106.7 Leesburg, FL; WCOF 107.3 St. Petersburg.

JUNE 6 Es. continued

Table of radio stations and frequencies: WQIK 99.1 Jacksonville; WKIS 99.9 Boca Raton; WSUY 100.5 Charleston, SC; WJRR 101.1 Cocoa Beach, FL; WHPT 102.5 Sarasota; WQOL 103.7 Vero Beach; WRUF 103.7 Gainesville; WTBS 104.1 Cocoa Beach; WBBQ 104.3 Augusta; WEAT 104.3 West Palm Beach; WFLM 104.7 White City, FL; WRBQ 104.7 Tampa; WOMX 105.1 Orlando; WOCL 105.9 Deland, FL.

(Thanks for reporting, Mike. We hope to hear from you often!-gc)

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.

JUNE 1995 DX

14 ES

Table of DX stations: 1850 WPGG 93.3 AL Evergreen, Power Pig, k\$ 915; 1851 WLWI 92.3 AL Montgomery, calls, k\$ 836; 1913 WBBN 95.9 MS Taylorsville, B95, with Pine Belt mentions, and weather 980; 1920 WPRL 91.7 MS Lorman 1023; 1937 KLUV 98.7 TX Dallas, o\$ 1224; 1942 KLTY 94.1 TX Ft. Worth, o/CBL-FM 1224; 1949 KHHT 93.3 TX Killeen, 70s oi\$. Hits 93-3 1296; 2006 KDOJ 92.1 TX Tyler, legal ID jingle 1169; 2013 WPCV 97.5 FL Winter Haven, k\$, ads 1037; 2017 WKQS 94.7 FL Gifford, Kiss FM 1066; 2018 WWWZ 93.3 SC Summerville, 293 Jams w/ads for Charleston & Low Country 693; 2050 KICR 98.7 LA Oakdale, k\$, Kicker 98.7 1136

22 TR: DANVERS, MASSACHUSETTS (N. METRO BOSTON)

2000 WKCG 101.3 ME Augusta, k\$; 2000 WQCB 106.5 ME Brewer, o/WJMX sloop

24 TR: ORONO, MAINE

0000 WKPE 104.7 MA Orleans, o/local WWFX!; 0015 WRZE 96.3 MA Nantucket, local signal!

24 TRS: MT. CADILLAC (ACADIA N.P.) MAINE

1200-1230, most of Maine with local signals, and Boston in nearly perfect. Farthest reception to the south was Providence, R.I. area on 94.1 and 98.1. To the north, New Brunswick on 105.3 and 102.3. Yarmouth, NS local on 92.1, 104.1, and 107.3. Halifax, NS heard driving down the mountain, with closer Maine stations blocked out.

Greg Coniglio's report - continued.

JULY 1, 1995 ES continued

Table of radio stations and frequencies: 1237 unID 94.7 ?? 'Arrow 94', Jackson?; 1244 KQID 93.1 LA Alexandria, 'Q93FM' 1076; 1250 KRRV 100.3 LA Alexandria, 'River Country 100' + calls, local promos 1119; 1253 (KPTY) 94.7 TX Luling, 'Party 94.7' with DJ chatter, ex: KATG, KAPT, KFGI 1383; 1256 KBHT 93.5 TX Crockett, '93-5FM', call 1233; 1257 KWTX 97.5 TX Waco, legal ID, top 40 1297; 1258 KUEZ 99.3 TX Luftkin, legal ID, o\$ 1188; 1258 KLTR 101.9 TX Franklin, Z-rock, legal ID with Bryan and College Station 1300; 1305 KNOE 101.9 LA Monroe, 'FM102' top 40 1041; 1320 KQXT 101.9 TX San Antonio, KQ102 1439

5 ES

Table of radio stations and frequencies: 2040 KTSB 93.9 IA Sioux Center, soft AC, call 883; 2043 KCHE 92.1 IA Charoak, Royals BB, local ad for Johnson Machine shop 854; 2045 KOEL 92.3 IA Oelwein, calls in jingle, k\$ 671; 2046 KSEJ 97.9 IA Sioux City, Z98, rp\$ 899; 2050 KWAU 99.3 IA Waverly, local ads 964; 2052 KNEN 94.7 NE Norfolk, calls, ads, r\$ 964; 2055 KKYA 93.1 SD Yankton, KK93, k\$, calls 945; 2059 KMNE 90.3 NE Bassett, NE-PR o/CJBC 1053; 2100 KPNO 90.9 NE Norfolk, gr\$, legal ID 964; 2105 KDOM 94.3 MN Windom, Twins BB, ads 827; 2124 KOUT 98.7 SD Rapid City, Cat Country 98.7, many local ads 1232; 2133 K261CF 100.1 SD Pierre, strong at times w/ CKFM sloop, '93.7 KWYR' heard, nice! 1087; 2136 (KFXS) 100.3 SD Rapid City, The Fox local promos, ex: KGGG 1226

7 GW

1800 WEDG 103.3 NY Buffalo, 103.3 The Edge, modern rock, ex: WYSL, WPHD, WUFX. I have 3 'Edge' locals! (94.9, 102.1, 103.3) 10

8 ES

Table of radio stations and frequencies: 1139 KLRB 97.3 NE Aurora, lcl ads ph/CJEZ 1004; 1148 KYNN 101.9 NE Lincoln, local ads 893; 1150 KRNW 102.3 NE Kearney, ads, sat, k\$, 1062; 1152 KLNE 93.1 NE Lexington, a/c\$, many ads 1083; 1725 KIBN 90.7 KS Wichita, SSS 1040; 1730 KSPG 98.7 KS Clearwater, The Pig, k\$ 1050; 1741 (KOLS) 95.5 KS Dodge City, a/c, ex: KDCK 1194; 1744 KRBB 97.9 KS Wichita, B98-FM, a/c 1039; 1745 KCVS 90.7 KS Salina, g. 'Christian Voice of Salina' heard before on 104.9 1029; 1752 KGLS 93.1 KS Pratt ads, LS Radio 1085; 1754 KLDG 102.7 KS Liberal, local ads, local wx (temp of 107 degrees!!) 1246; 1808 KQLS 100.3 KS Colby, strong, LS Radio 1174

Well, the season started out very poorly here, but the past few weeks have salvaged the season. Nice to hear some tropes in Maine, but would have been neat to hear a skip opening up in Northern Maine, where the dial was empty! Skip has been fairly active since around the 1st of July, with some TV-only openings mixed in with the ones listed above. Oddly, a great majority of the skip noted this year has been to the midwest: Nebraska, Kansas, South Dakota, including rarer states such as Iowa, and Colorado. July 11th has probably been the best opening, in terms of stability, MUF, and strong signal strengths. There has not been very much tropo to speak of. Locally, WGRF 96.9 Buffalo, '97 Rock' moved from the hills to the South of Buffalo to a site on the north side of the city, only about 10 miles from here. The signal causes more trouble now. In addition, 4-mile distant WBFO 88.7 Buffalo has finally made good on their CP for 50 kW, giving me more images, runing channel 6 even worse, and even ch 7-10 (yes, including local WKBW-7) when I point at their tower!

JULY 11 ES

Table of radio stations and frequencies: 1836 KATR 98.3 CO Wray, Cat Country 98.3 strong, FM Logging #2000 1226; 1837 KALC 105.9 CO Denver, 'Alice at 106' 1387; 1841 KOGA 99.7 NE Ogalalla, ads 1165; 1842 KRKS 94.7 CO Boulder, relig, talk 1386; 1843 KQRS 92.5 MN Minneapolis, o/CISS with rp\$, 'KQ92', what? is this 0.5 hop, hi. 740; 1846 KYRG 92.1 CO Castle Rock, '92X', hard rock, new calls I think 1375; 1851 KXPK 96.5 CO Evergreen, modern rock '96.5 The Peak', well over WCOA 1370; 1853 KQKS 104.3 CO Longmont, KS-104 1372; 1835 KBPI 106.7 CO Denver, rp\$, calls 1387; 1857 KYVD 99.5 CO Denver, c\$ o/WDCX! 1376; 1901 (KIMN) 100.3 CO Denver, 70's oldies (\$) 'Kim 100', ID w/Boulder, ex: KMJI 1380; 1905 (KJLT) 94.9 NE N. Platte, g\$, ex: KSRZ 1135; 1904 KHIH 95.7 CO Denver, j\$, K-High 1387; 1911 KRFX 103.5 CO Denver, 103.5 The Fox 1380; 1913 KNNG 104.7 CO Sterling, local news 1259; 1922 unID 102.7 ?? Greatest hits of the 70's 1132; 1923 KXNP 103.5 NE N. Platte, KX104, k\$ 1132; 1930 KLRZ 100.3 LA Larose, Pirate Radio Z100 another weak cloud must have been in there 1131; 1931 KCIL 107.5 LA Houma, call, k\$, 1147; 1931 KAMI 104.5 NE Cozad, k\$, 104 1/2 as a slogan, in strong over CHUM-FM 1104; 1931 KWPN 107.9 NE W. Point, NE NEB wx 919; 1936 KSYZ 107.7 NE Grand Island, a/c o/WNUC 1032; 1936 KEXL 106.7 NE Norfolk, Great Hits 106 968; 1943 KMUS 101.9 WY Burns, K-Moose, ads 1332; 1948 KTMX 104.9 NE York, Mix 105 979; 1951 KGET 100.7 CO Pueblo, g talk o/CHIN 1398; 1952 (KZDG) 92.5 CO Greeley, traffic, k\$ 'Z 92.5', over CISS, ex: KYOU, KDHT 1383; 1953 KMKM 93.9 SD Rapid City, Magic wx 1228; 1956 KEZH 101.5 NE Hastings, KZ Country 1024; 1957 KUAD 99.1 CO Windsor, Colo's K99 1348; 2001 KSPZ 92.9 CO Colorado Springs, o\$, Oldies 92.9 + legal ID, o/WJZ! 1390; 2039 KRCS 93.1 SD Sturgis, calls 1239; 2040 KTCL 93.3 CO Ft. Collins, The Adventure 1369

12 TR

0830 Good FM trop to Central NY, Ottawa





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

WTFDAer Mike Collins sent this interesting chronicle about the somewhat chaotic startup of WTTG-TV (5) in Washington, D. C. The feature originally appeared in the May 14 (1995) *Washington Post*.

### WTTG MARKS 50 YEARS

## Born In a Hotel Room

By Patricia Brennan  
Washington Post Staff Writer

Fifty years ago this month, just before the end of World War II, Thomas Toliver Goldsmith Jr. and three co-workers drove from New Jersey to the District and lugged two transmitters and other equipment to a room on the 12th floor of the Harrington Hotel.

They connected the transmitters to heavy, but unused, elevator wires, and found the AC circuits in the basement of the hotel. *Voila!* Under a temporary operating permit, station W3XWT was on the air—with a test pattern. You know it today as WTTG, named for Goldsmith, the engineer who got the station up and running.

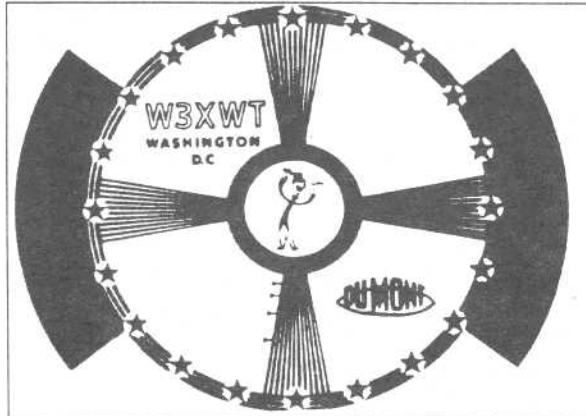
"We knew television was going to amount to quite a bit," remarked 85-year-old Goldsmith recently from his home near Fort Lewis, Wash.

That was an understatement for Goldsmith, then director of research for Allen B. DuMont Laboratories in Passaic, N.J. He was so sure about television's future and did so much research on fiber optics and high-definition television that his professional papers fill 10 four-drawer file cabinets at the Library of Congress, Goldsmith said.

DuMont himself started his network's first station, WABD, in New York City in 1938. It was assigned Channel 5, as WTTG would be. DuMont's company sold television sets to the public then, so good they were known as the Cadillacs of the industry, but there were hardly any stations to provide programming. So DuMont targeted Washington for its second station; Pittsburgh was to be third.

"There was no station in Washington at that time," Goldsmith said, recalling that trip south in 1945. "The war effort was very active. It was very difficult to find a place to hang our hat. We went to the Harrington Hotel, and the man there was a ham radio operator, so he was very sympathetic and gave us a couple of rooms on the top floor."

Once Goldsmith and his colleagues realized they could get an experimental



station on the air, he went across the street to get a license from the Federal Communications Commission. Told he had to write a letter explaining how such a station would benefit the general public, Goldsmith sat down and typed the letter on the spot.

"Then he [the official in charge] said, 'When do you think you'll be ready?' And I told him, 'Tomorrow.'"

Goldsmith and his colleagues got a 10-day temporary permit. On May 19, 1945, the ninth day of the permit, station W3XWT was given an operating license and was officially on the air. The picture was still a test pattern and the audio portion invited viewers to call the station's number at the Harrington Hotel. But the fledgling station got no viewer feedback until August, when war was over in Japan.

"I took one of those test pattern slides and took the emulsion off the slides and took my ink pen and wrote 'War Is Over,' so we transmitted that," he said. "That evening, people were in mobs celebrating the end of the war, and the telephone rang: It was the Naval Observatory. They had been monitoring various frequencies for clandestine activities."

For the first four years, the station carried 20 hours of programming a week, all live. It added advertising in November 1946, when the FCC authorized a commercial license and the call letters WTTG.

That year, the station telecast the inauguration of Harry S. Truman; became the first to televise before a studio audience; aired a live sports event (Senators baseball); and carried the first network soap opera ("Faraway Hill," produced by WABD for 12 weeks).

NBC and ABC affiliates started in 1947

and CBS's local station debuted in 1949.

But in the late 1940s, few people in the Washington area owned TV sets—only 40, by a pin-count that a WTTG general manager kept on a wall map.

WTTG was to be one of several of stations in the DuMont Network. But A.B. DuMont had sold shares of his company to Paramount Pictures, whose heavy-handed business practices were in question by the FCC. In addition, Paramount protected its main product, movies, by forcing cuts in DuMont's programming budget and by holding licenses for future stations in other cities, which prevented DuMont from expanding. DuMont was forced to sell its only money-maker, the Pittsburgh station.

In 1958, DuMont became Metropolitan Broadcasting. In January 1959, John Kluge bought Paramount's holdings in Metropolitan and in 1961 changed the name to Metromedia Inc. Goldsmith remained on the board of directors.

In 1986, Fox Television bought the station as part of its own network and in July 1993 expanded to seven nights of prime-time programming. Today, WTTG has 193 full-time employees and occupies a six-floor office building in Northwest, uses robotic cameras and produces 24 hours of news each week, including three hours weekdays on "Fox Morning News"; a nationally syndicated children's program ("Not Just News"); and a national Fox program ("America's Most Wanted") and several local sports shows.

Goldsmith and DuMont Labs engineer William Sayre, who set up Washington's first station in 1945, married two young women—both physics graduates from Wilson College—who came to work for W3XWT. They still play golf together.

Their station's done all right too.

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

## SATELLITE NEWS

It has been a long time between columns for many reasons. What may need to be presented this time is a sort of review of the satellite arc from west to east as useable from this location. All of these birds have beams directed to at least part of the United States.

- 139 W - SATCOM 5 - AURORA - 1991 (10 years) 10 Watts
- 137 W - SATCOM C1 - Fall 1990 (10 years) 8.5 watts
- 135 W - SATCOM c4 - August 31, 1992 (12 years) 17 watts
- 133 W - GALAXY 1R - February 1994 (12 years+) 16 watts
- 131 W - SATCOM C3 - 1992 (10 years) 17 watts
- 125 W - GSTAR 2 (Ku Band only) 1986 (10 years) 14/20/27 watts
- 125 W - GALAXY 5 - March 10, 1992 (10 years) 16 watts
- 123 W - TELSTAR 303 - June 19, 1985 (10 years) 5.5 watts
- 123 W - SBS 5 (Ku Band Only) - September 1988 (9 years) 20/40 watts
- 116.5 W - MORELOS 2 - November 28, 1985 (10 years) C and Ku C-7/5.5 watts - Ku-20 watts activated Fall 1989
- 113 W - SOLIDARIDAD 2 - 1994 - C and Ku C-37/40 watts Ku-47 watts
- 111.1 W - ANIK E1 - 1991 C and Ku Band - C-11 watts, Ku-50 watts
- 109.2 W - SOLIDARIDAD 1 - 1993 - (same as SOLIDARIDAD 2)
- 107.3 W - ANIK E2 - September 1, 1991 C and Ku band SAME AS E1
- 105 W - GSTAR 4 - 1990 Ku only (10 years) 27 watts
- 103 W - GSTAR 1 - May 8, 1985 (10 years) Ku only 20/27 watts
- 101.2 W - DBS 1 - April 1994 Ku only 120 watts digital only
- 100.8 W - DBS 2 - April 1994 Ku only 120 watts digital only
- 101 W - SPACENET 4 - Spring 1991 C and Ku (10 years?) C-8.5 & 16 watts/Ku - 16 & 30 watts
- 99 W - GALAXY 4 - 1992 (10 years) C & Ku C-? Ku-? powers unknown
- 97 West - TELSTAR 401 C and Ku band December 14, 1993 C-12 and 23 watts/Ku-60 and 120 watts
- 95 W - SBS 6 - Ku only 1990 (10 years) 40 watts
- 93.5 W - GALAXY 3 - September 21, 1984 (10 years) INCLINED ORBIT 9 watts
- 93 W - GSTAR 3 - September 1988 (years?) Ku only INCLINED ORBIT 20/27 watts
- 91 W - GALAXY 7 - October 1992 (10+ years) C and Ku C-16 watts/Ku-50 watts
- 89 W - proposed TELSTAR 402 - December 1995 maybe all stats basically the same as Telstar 401
- 87 W - SPACENET 3 - C and Ku band - 1988 (10 years) C-8.5 watts/Ku-16 watts
- 85 W - TELSTAR 302 - August 29, 1984 (10 years) INCLINED ORBIT 8.5 watts
- 85 W - K1 - Ku only - January 12, 1986 47 watts digital service
- 81 W - K2 - Ku only - November 28, 1985 47 watts (10 years both)
- 77 W - SBS 4 - inclined orbit Ku only
- 74 W - SBS 3 - inclined orbit Ku only
- 74 W - GALAXY 6 - 1991 (10 years) 10 watts
- 71 W - SBS - Ku only inclined orbit
- 69 W - SPACENET SN2 C and Ku band November 9, 1984 (10+ years) C-8.5 & 16 watts/Ku-16 watts
- 65 W - Brazilsat - not visible at this location - newly launched replacement
- 62 W - TDRS3 - Summer 1992 - inactive at the moment
- 53 W - Intelsat 513 soon to 706 new 1988 12 years C and Ku - C-4.5 watts/Ku-10 watts
- 50 W - INTELSAT 506 C and Ku - 1983 (13 years) inclined orbit C-8.5 watts/Ku-10 watts

SATELLITE NEWS continues on page 31...



# ANTENNAnotes



by Dr. Feedpoint

There is no such thing as "no-loss" lead-in, no matter what anyone tells you. When I was a kid, Allied Radio had a sign in their window touting some 300-ohm open wire line they were trying to unload as having "no measurable signal losses." Har-dee-har-har. On paper, the stuff did happen to have super-low signal loss. It was enough to make a budding DXer drool. And it was indeed "too good to be true," since the actual loss figure was really higher than just about any kind of lead-in you could install - simply because of the fact that in order to install it, you had to use some kind of supports, had to pass it near metal or other solid objects along the way, and so forth; the "real world" installation of this lead-in totally negated the fantastic low-loss performance as promised on paper.

Now, in the days B.C. (before color -- and waayyyy before cable-TV), our local TV man knew well the importance of "low-loss," with everyone having to use large outdoor arrays to get that weak ABC station way up at channel 13 from 75 miles away. UHF?...well, that was some type of secret experiment that educational TV stations were experimenting with. The thought of trying to get anything higher than channel 13 with an antenna gave everyone nosebleeds just thinkin' about that kind of stuff.

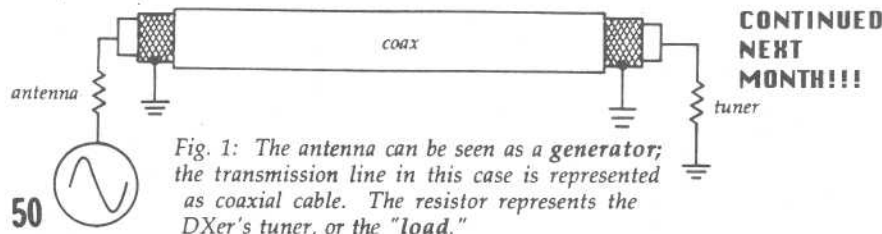
There are no doubt many of us who actually tried using common ordinary AC lamp cord, or even telephone cable, "bell wire," etc., as lead-in when we first got interested in connecting antennas to tuners to "see what we can get." Well, okay, I admit that I did that, too, but that was before I went to tech school and stuck my fingers into my first hot AC socket, so forgive me...

What I do recall from experimenting as a kid was that the AC lamp cord it did seem to work as lead-in, to some degree, with various homebrewed antennas I tried making, as well as an occasional discarded model or two I was lucky enough to come across. Perhaps I wasn't aware that I was using line with about 68 dB of loss on UHF, or didn't even know what the heck a "dB" was, but I did get some results. Funny though--if you have ever taken a length of the "wrong" kind of lead-in and then replaced it with what you're "supposed" to use, you get your eyes opened, real quick. All of a sudden, there are all the weak and marginal signals you were never able to pick up.

Those weak DX signals (ALL signals, for that matter) travel down the lead-in cable to your tuner in a manner not unlike that of an electrical generator connected to a load. Now, it's not necessary for you to understand much about electrical theory to still be able to appreciate it this way: if the antenna (the "generator") is not properly connected to the tuner (the "load"), proper and efficient transfer of the signal voltage (which is quite weak at DX levels, believe me) will not occur. If that doesn't happen, you won't hear or see DX signals, simple as that. If you hooked up a generator to a light bulb using twine, you wouldn't expect the bulb to function, would you?

Now, I could get into concepts like standing waves, step-function response, phase matching, and a concept key to the understanding of the importance of using the right lead-in: transmission line AC response. T-line AC response helps to explain why you lose signal as it propagates down the lead-in to your tuner. Even more importantly though, there's a term you have probably already encountered as a DX'ing enthusiast: *Impedance*.

The purpose of your antenna is to collect as much signal energy as possible. Your antenna getting that great DX signal "from the air" is only part of the battle. That signal voltage has to make it down to your tuner. How much of that signal gets to your DX equipment is a function of exactly how well the antenna is matched to the lead-in (or "T-line," if you will). A basic electrical concept applies here; it's the theory of maximum power transfer. In a nutshell, the antenna, T-line, and tuner constitute a system for transferring "power" (those DX signals, if you will) to the "load" (your tuner or DX receiver). The system will only work well for weak signals if the antenna transfers its power efficiently into the T-line, and so on.



50

FM BANDSCANS AROUND THE WORLD -

## San Jose, COSTA RICA

--submitted by Tim McVey

88.5	<i>Cabos Estereo</i>	pop and dance mixes; limited on-air schedule
88.7	<i>unID</i>	religious programs in EE and SS, very weak signal
89.1	<i>89</i>	pop and rock
89.5	<i>R. La Victor</i>	gospel - radio plays, music, sermons
89.9	<i>unID</i>	soft mor vocals
90.3	<i>Rumbo FM</i>	TICAL, Cartago - pop music // 530 AM
90.7	<i>R. Universal</i>	TIRSU, Guadalupe - pop music // 610 AM
91.1	<i>R. Colony</i>	TIW, San Jose - lively tropical music from several regions; pop music
91.5	<i>91.5 Stereo</i>	mor music
91.9	<i>R. Puntarenas</i>	TLAW, Puntarenas - mor and pop music
92.3	<i>unID</i>	oldies (i.e. Latin vocals from 40's-60's)
92.7	<i>Columbia Estereo</i>	TIW, San Jose - pop and mor music (FM 91.1, FM 92.7, AM 760, AM 800 all part of Grupo Columbia)
93.5	<i>R. Monumental</i>	TIINT, San Jose - current Latin hits // 670 AM
93.9	<i>Sonido Latino</i>	TIOC, Cartago - regional music
94.3	<i>R. Reloj</i>	TIHB, San Jose - current Latin hits
94.7	<i>94-7</i>	TISI, San Jose - smooth mix of SS & EE pop/mor/Eurobeat
95.1	<i>Monumental Stereo</i>	current Latin pop (one of Grupo Monumental stations, San Jose)
96.3	<i>R. FM 96</i>	TIAC, San Jose - pop & mor hits "best of 60's, 70's, 80's, 90's"
96.7	<i>unID</i>	classical // 101.9 FM
97.1	<i>TIFC</i>	TIFC, San Jose - gospel (EE by day, SS by night) // 1080 AM // 5055, 6175, 9645 SW
97.5	<i>unID</i>	pop music
97.9	<i>97.9 Titania</i>	TIOS, San Jose - mor & pop music
98.3	<i>R. Alajuela</i>	TIHT, Alajuela - lively regional music // 1280 AM
98.7	<i>unID</i>	talk shows and salsa music
99.1	<i>R. Sabrosa</i>	San Jose - pop and salsa music (note: ID at top of hour affiliates Sabrosa with FM 107 in Miami, perhaps WQBA-107.5?)
99.5	<i>R. Dos</i>	San Jose - EE pop music from USA; news in EE every :30
99.9	<i>Stereo Azul</i>	San Jose - mix of new age, light pop jazz, soft mor vocals
100.3	<i>R. Crystal</i>	soft, easy-listening music (but not Muzak!), instrumentals
100.7	<i>R. Mil</i>	TIIME, San Jose - soft vocals and slow mor music
101.5	<i>unID</i>	classical
101.9	<i>unID</i>	classical // 96.7 FM
102.3	<i>Super Radio</i>	mor and rock, about 75% EE
102.7	<i>R. Uno</i>	EE rock/aor from USA
103.1	<i>unID</i>	pop music
103.9	<i>unID</i>	old style radio. L big band music, live programs, etc.
104.3	<i>no slogan</i>	TIRSE, San Jose - mor vocals
104.7	<i>unID</i>	live sports, talk
105.1	<i>R. Omega Stereo</i>	pop, salsa, and rock music // 105.5 FM
105.5	<i>R. Omega Stereo</i>	pop, salsa, and rock music // 105.1 FM
105.9	<i>R. Sonora</i>	TIJC, Guadalupe - talk, sports, call-in shows
106.3	<i>Estereo 106</i>	TIEM, San Jose - new age, beautiful, jazzy, mor (EE and SS) music
106.7	<i>106.7 Victoria Stereo</i>	TIPJ, Heredia - pop and current L hits
107.1	<i>unID</i>	talk and local interest programs (distant, weak signal)
107.9	<i>unID</i>	local programming, pop & salsa music (very poor audio)



### Comments

- All FM stations in stereo except 88.7, 98.7, 105.9.
- Almost all stations commercial.
- Most stations use their slogans strictly, although several actually give callsign at ID time (those are noted in **bold**).
- TV channels on air: canals 2, 4, 6, 7, 9, 11 (Arts TV), 13, 19, 23 (Si TV), 29, 31, 38 (heavily promoted on billboards and in print, but couldn't tune in on my TV!). All NTSC standard, same channel plan as in USA.
- Costa Rica is about the area of West Virginia, and population is 3,232,526. The country has 74 AM stations, 55 FM stations (NOTE- 45 of them **heard** by me and listed above!), 7 VHF TV stations, 9 VHF TV repeaters, 18 UHF TV stations, 8 UHF TV repeaters. (Source: 1994 Market Data for Costa Rica)
- All stations monitored from 8th floor of hotel in San Jose, using an Arwa walkman-style radio, no ext. antenna.

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