

# From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 97, Calumet City, IL 60409

**CHANGE IN PUBLISHING COMING...** We are currently finalizing plans to shift VUD publishing to Buffalo. Hopefully, this will result in somewhat earlier VUDs. We know we've been promising earlier editions for a long time, but please keep in mind several things. Current publisher Pete Oprisko has been involved with the publication of the VUD since early 1976, and has remained publisher despite many other activities that require his time. He's been instrumental in keeping the editions rolling, and has long wanted to move on to other things. Pete took over VUD publishing at a time when it appeared that no one else was interested, and has continued to seek out the best deal and the speediest service that could be found. He is much of the reason that the VUD is still being published today, continuing a great tradition. Similarly, Mike Hogan has often singlehandedly mailed out the monthly VUD editions, and handles incoming club mail at "WTFDA HQ." Soon, we hope that a Buffalo-area group will be taking over publishing duties, freeing Mike to handle club business. Bear with us in the coming months, as we shift VUD publication to New York State. Club HQ will continue to be as above.

**NEW TV STATISTICS EDITOR...** We have a volunteer for the long-vacant TV Stats section: Bob Seybold, Bennett Rd., R.D. 2, Dunkirk, NY 14048. TV DXers are asked to report their TV station DX totals to Bob for the TV DX scoreboard and distance records. Support your new TV STATISTICS editor by sending him a list of your own TV stats!

**NEW ANARC REPS...** Two volunteers have come forth to represent WTFDA in ANARC, the Association of North American DX Clubs. They are: Bill Grant, of Worcester, MA, and Steve Sprachman, of Seaford, NY. We'd like to thank them for filling the positions, joining Pete Oprisko as representatives to the Association.

**WTFDA '82 CONVENTION...** Late July brought a larger-than-expected turnout to Staten Island for this year's club gathering. We're planning a report, with photos, in the October VUD. In the meantime, we'd like to hear from DXers interesting in hosting next year's event. If you'd like to submit a bid for the 1983 WTFDA Convention site, send us a request, and we'll send you a bid form. Forms must be received by the end of November of this year, and if there is more than one bid made, it will have to be decided by membership vote. Interested? Let's hear from you!

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ON THE COVER: Wineyard PR-550 VHF TV antenna, courtesy Wineyard.



# MAILBOX

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1308 SW 74th, Apt. 421  
Oklahoma City, OK 73159  
(405) 681-5991

## New Members:

**Peter Fountas** 5147 N. East River Road Chicago, IL 60656 #339  
**Steven Taaffe** 621 Warren Topeka, KS 66606  
**William Townshend** 4500 Connecticut Ave. Washington, DC 20008 NW, #901

## Renewals:

Joe Gragg, Dave Hascall, Jim Hopkins, Thomas Mishler, Gary Siegel, Paul Swearingen.

## Rejoin:

Morgan Williams-3798 Sunset Blvd.-W. Columbia, SC 29169

## Address Changes:

Don Blevins-499 Monterey Ave.-Odenton, MD 21113  
Jim Hopkins-Apt. #F2-1-Hatfield Village Apts.-Maple Ave.-Hatfield, PA  
Paul Mitschler-508 Watson-Topeka, KS 66606 /19440

## Renewals Due in October:

Tom Bishop, Tom Copeland, Robert Eddy, Vernon Eaton, Phil Epstein, Richard C. Evans, Charles George, Harold Hawkins, Fred Holland, Doug McAbee, August Miller, Erik Nagel, R.L. Neva, Vince Pearlringi, Fred Pitterle, Richard Reese, John Rieger, Dr. Joel Rosenberg, Arthur Schaefer, William Scully, William Swiger, Ron Taylor, Hilda Wilson, Jim Wixon, Dr. Richard E. Wood.

Our only new member intro this month is for STEVEN TAAFFE. Steven is an old friend of mine who started in PCB DXing about the time I did. He's now a copy machine salesman, belongs to IRCA and NASWA, and uses a Sony ICF 6700-4.

## Tidbits.....

I've long wanted to surpass my record for longevity in IRCA, where I edited the Central/Eastern DX Forum for 7 years, 3 months. With this edition of the Mailbox, I conclude 7 years, 4 months of editing this column. It's been an enjoyable 7+ years, some that I'll never forget. I hope to keep in contact with many of you who have contributed over the years. My best to the club, the board, and to all of you who make this club possible. 73.....jz

**CAN YOU HELP?** We are now in need of a new editor for this column. We'd like to hear from a volunteer soon. MAILBOX is one of the VUD's key columns, and we can't afford to have this position unfilled for long. If you have a typewriter, and are willing to get involved with your club as a column editor, we need to hear from you as soon as possible. VUD column editors receive a \$3 credit on their annual dues, and the MAILBOX column editor gets to hear from many club members every month. It's an ideal job for anyone with a general interest in DXing, as well as an interest in FM, PSB, and TV. If you'd like to volunteer, please contact club HQ or your editor-in-chief (address on the back cover).





# KGC FM NEWS

Bruce F. Elving, Ph.D., Editor  
4515 Avenue "E"  
Kearney NE 68847, U. S. A.

### Contributions invited!

### New FM Stations Authorized

AZ Wickenburg 105.5 3000 h.v.; 300'  
AR Marshall 104.3 100000 h.v.; 820'; k  
FL Boca Raton \*88.1 1320 h.v.; 280'; g, BR  
Christian School - in Miami ch. 6 TV land!  
GA Soperton 101.7 1500 h.v.; 475'  
GA Thomaston 95.3 3000 h.v.; 300'; m  
IA Osceola 107.1 3000 h.v.; 300'  
IA Ottumwa 92.7 3000 h.v.; 300'; k  
MN Duluth \*88.1 490 h.v.; 230'; g; N. Central  
Christian Broadcast. [Minnesota Christian  
MN International Falls \*99.5 100000 h.v.; 580'; g/  
NY Albany 105.5 3000 h.v.; 300'  
OK Ave 104.7 100000 h.v.; 530'; rock  
PA Blairsville 106.3 2000 h.v.; 360'  
TN La Follette 104.9 120 h.v.; 1240'; km  
TX Brockmeade 93.5 3000 h.v.; 300'; k  
TX Colorado City 106.3 3000 h.v.; 140'  
TX Kenedy 92.1 3000 h.v.; 220'  
WV Ceredo (38-23-00; 82-33-52) \*94.9 10 watts,  
Wayne County Board of Education; also owns  
WFGH \*89.3 or \*90.7 Fort Gay WV.  
WV Elkins 95.3 3000 h.v.; 26'  
WV Rowanville 97.7 3000 h.v.; 270'; km  
WV Laramie 95.1 100000 h.v.; 1010'; m  
WV Thermopolis 98.3 3000 h.v.; 420' [U.  
PR Ponce WEUC \*88.9 11000 h.v.; 2910' Catholic/  
MB Brochet (200 km NW S. Indian Lake) 105.1 41  
watts, CBM (AM) Montreal PQ relay. Strange,  
why not relay CBW Winnipeg?  
MB Poplar River (150 km ESE Grand Rapids)  
103.5 84 watts, CBM relay  
MB Shamattawa (200 km NE Oxford House)  
105.1 41 watts, CBM relay  
NB Fredericton 93.1 45000 \$, k (country)  
NF Carletonville 92.5 1700 (120 km NW Bonavista)  
CBG Gender relay.  
NS Eskasoni Indian Reserve (45 km s.w. Sydney)  
99.1 44 watts, e (Micmac plus 24% hours  
a week in English; what's "Micmac"?)  
NS Yarmouth 107.3 1180 CBAF AM, French  
ON Little Current (Manitoulin Island) 97.5  
21000 - CBSC relay  
ON Timmins 96.1 46000 - CBSC Sudbury relay  
97.1 47000 - CBON \*\*, French  
PO Batziamites (40 km N. Rimouski) 95.1 1 watt,  
85% Montagnais, 15% French.  
PO Carleton 94.9 45600, m, 40 km ENE Camp-  
bellton NB), French with 1 hour/day English  
PO Cloridorme (40 km WNW Riviere-au-Renard)  
105.1 204, ex CBGA AM, French  
PO Gaspé 88.5 2160 CBM relay, English  
89.3 2160 CBGA relay  
PO Grande-Vallee (60 km WNW Riviere-au-Renard)  
104.1 2110, CBGA relay  
PO Gros-Morne (80 km W. Riviere-au-Renard) 94.5  
40 watts, CBGA relay  
PO L'Anse-a-Vallée (15 km NW Riviere-au-Renard)  
101.5 83 watts, CBGA relay  
PO Les Escoumins (130 km SW Baie-Comeau) 1  
watt with 30% French and 70% Montagnais  
PO Manouane (100 km NE Mont-Laurier) 95.1, 1  
watt, ethnic, Attikamek language.  
PO Marsoui (120 km W. Riviere-au-Renard) 89.3  
41 watts, CBGA relay  
PO Mont-Louis-au-Haut 106.1 2040 (100 km W.  
Riviere-au-Renard), CBGA relay  
PO Pointe-Bleue (35 km S. Dolbeau) 107.3 1 w.,  
Montagnais and French  
PO Quebec CHIK 98.3 41000 h.v.  
PO Schefferville (285 km N. Farnont) 89.9 1 w.,  
90% Naskapi Montagnais, 10% English.  
106.9 1 watt (85% Montagnais, 15% Fr.)  
YT Old Crow (300 km ENE Fort Yukon AK) 88.9  
1 watt, ethnic, Native and French

### Facilities/Changes

AL Sycacauga WMLS 98.3 2700 h.v.; 310'  
AR Harrison KHQZ-FM 102.9 100000 h.v. (630)  
CA Okadale KOQK 95.1 500' (50000 h.v.)  
CA Sacramento KEWT 105.1 480' (50000 h.v.)  
CA San Francisco KKH-FM 95.7 6300 h.v.; 1290'  
FL Jacksonville WVIV-FM 102.9 95000 h.v.; 570'  
GA Baxley WBYZ 94.5 360' (100000 h.v.)  
IL Kankakee WKOC \*88.3 vertical  
IN South Bend WETL \*91.7 vertical  
MA Nantucket WGTG from 93.5 to 96.3 9200; 310'  
MI Detroit WDRQ 93.1 50000 h.v. (500)  
MI Escanaba WGLQ 97.1 100000 h.v. (1070)  
MI Holland WJBL 94.5 20000 h.v. (500)  
MO Columbia MWWC \*90.5 130' (1250 h.v.)  
MO Ferguson KCFV \*89.5 100 h.v.; 160'  
MO Joplin KKUZ 102.5 410' (100000 h.v.)  
NV Reno KNEV 95.5 70000 h.v.; 2210' nondirect!  
NY Hazlet WVRM \*89.3 9 watts; 130'  
NM Clovis KCLV-FM 99.1 74000 h.v. (230)  
NY Garden City WLIR 92.7 1300 h.v.; 520'; rs?  
NY Southampton WSBH 95.3 2200 h.v.; 340'  
OH Cincinnati WGUC \*90.9 15000 h.v.; 880'  
OH Columbus WGBN 102.7 17000 h.v.; 880'  
OH Columbus WXGT 92.3 18000 h.v.; 750'  
OH Dayton WGXN \*97.3 (from 88.1) 13; 58'  
OK Oklahoma City KOFM 104.1 100000 h.v.; 1320'  
OR Florence KNTB 104.7 65000 h.v.; 2430'  
OR Portland KLLB 101.1 97000 h.v.; 1635'  
PA Allentown WFMZ 100.7 17000 h.v. (870)  
PA Bradnock WFMF 96.9 17000 h.v.; 1000'  
TN Dayton WFFM 104.9 420 h.v.; 700'  
TN Tullahoma WVMY-FM 93.3 910' (100000 h.v.)  
TX Eastland KBVM 96.7 2850 h.v.; 310'  
TX Mercedes KTXI 106.3 600 h.v.; 600'  
TX San Angelo KIXY-FM 104.7 100000; 140'  
TX Colchester WWPV \*88.7 100 Watts (82)  
WA Moss Lake WKIQ-FM 100.3 100000h.v. (210)  
WA Seattle KYYX 96.5 100000 h.v.; 740'  
WV Charleston WVPN \*88.5 300' (50000 h.v.)  
WV Washburn-Dayfield \*89.5A 105.9 Dolby  
PR Vieques Island WLID 98.9 950' (50000 h.v.)  
AT Edmonton CJAX 92.5 100000 h.v., nondirect!  
BC Dawson Creek CBUF-7 93.7 (from 103.5), 70  
watts horizontal and vertical; 969'  
BC Sparwood CBYS 105.7 (from 97.9) 148 w.,  
658', presumably deleting directional antenna  
BC Vancouver CFRO 102.7 5500 h.v.; new height,  
not announced [Atlas, p. 33]  
NF Rames CBNR 95.5 (not 95.9), correct FM /  
ON Hearst CBFF 91.9 (from 91.7), 7500  
ON Kapuskasing CBOK 105.1 (from 89.7)  
PO Asbestos-Danville CBF-11 96.1 (from 90.1),  
1000 h.v. (286)  
PO Chandler CBVB 103.7 (from 94.7) 222 watts  
PO Escuminac CBVA 98.1 (from 95.5); 827 watts  
PO Harrison Harbour CBMU 95.3 (from 95.5)  
PO New Carlisle CBVN 101.5 (from 93.1) 780 watts  
PO New Richmond CBVR 103.5 (from 107.5), 846  
PO Porce CBVP 91.1 (from 89.7) 840  
PO Port Daniel CBVF 100.5 (from 101.5); 234 w.  
PO Theford Mines CBV-8 90.1 (from 103.3),  
CBMC 92.3 (from 91.7) (393)  
PO Victoriaville CBF-12 92.7 (from 96.5) 130h.v/  
**Formats/Networks**  
AL Chickasaw WJQY 98.3 k (from m)  
CA Pasadena KPCC \*89.3 jc [92 - 5'  
CA Sacramento KAER 92.5 k, "Stereo Country /  
DC Washington WDCU \*90.9 on air, jazz, FM-90  
FL St. Augustine WMKM 105.5 m, NBC  
GA Atlanta WVEE 103.3 s, no longer sr  
GA Buford WCGO 102.3 kg (from gk)  
IL Normal WHNN 96.7 rm  
IL Peru WIVQ 100.9 m, Stereo-101  
IN Vincennes WVUB \*91.1 mc (as result of WTH-  
FM 99.9 Terre Haute going country)  
NE Lincoln KUCV \*90.9 Pi

IA Waterloo KB88 \*88.1 P (Net. Public Radio)  
IA Dubuque KLYV 105.3 rock, "Love Rock"  
KY Jeffersontown WJVL 101.7 rock  
KY Lexington WVLF-FM 92.9 k, now K-92,  
"What Crap," muscs T. Fieschaker.  
KY Louisville WKJJ 99.7 rm  
LA Ville Platte KPVI-FM 93.5 UPI Audio  
MD Braddock Heights WZYQ-FM 103.9 r (hot  
hits), strict Z-104 nonID  
MD Catonsville WQSR 105.7 O, nonID strict:/  
MD Salisbury WKYZ 105.5 m, NBC  
MN Grand Rapids KNNS 96.9 ABC-Entertain!  
MN Marshall KMHL-FM 100.1 rock  
MS Meridian WOKK 97.1 k [Z-93, not strict.  
NE Beatrice ("beat-ria") KMAZ 92.9 light r, /  
NJ Ocean City 98.3 rock  
NY Middletown WKGL 92.7 rock, 92-K (strict)  
OH Columbus WRMZ 99.7 to stay m in view  
of ABC's Superadio folding; also affects  
KBRA 97.9 Wichita KS, now r, KB-88FM  
(strict), "Superadio," but doing its own thing.  
OK Bartlesville KYFM 100.1 k  
OK Broken Arrow KMYO 101.7 -ARC  
Direction (was 1, ABC Information)  
OK Oklahoma City KXXY 96.1 k  
KLTE 101.9 O (CBS' Radio-  
radio) from CBS  
OK Woodward KSlw-FM 93.5 rock  
PA Pittsburgh WPNT 92.9 m, not rm  
PA Washington WYTK 95.3 k, Q-Country  
SC Columbia WCOS-FM 97.9 k, still "Great 98"  
TN Chattanooga WMBW \*88.9 network  
(possibly changing to International Media  
Service, using "NBN" and "IMS" on the air).  
TX McAllen KVMV 96.9 English, no L, \$,  
FM-97 nonID  
TX Perryton KEYE-FM 95.9 rock, \$  
VA Lynchburg WRVL \*88.3 UPI Audio  
VA Pennington Gap WSWV-FM 105.5 rk, NBC  
VA Winchester WUSD 102.5 k, Q-102 (strict)  
WI Antigo-Crandon WRLO 105.3 Mutual  
WI Ashland WATV-FM 95.9 rock [not strict.  
WI Janesville WJVL 98.9 k, "100-Country," /  
WI Wausau WIFC 95.5 ABC-FM  
BC Kaslo CKAL-3 95.3, Nakusp CKAL-1  
103.1, New Denver CKAL-2 93.5 all k  
SA Prince Albert CFMM 99.1 m (from m)  
MEXICO Monterrey XHJD 98.9 rock (English),  
mentioned they were No. 1 in Monterrey.  
**SCA (67 kHz); abbreviated †**  
AL Decatur WBDW \*91.7 m SCA  
AL Muscle Shoals WLAY-FM 105.5 talk  
(other than Mutual, coded "L")  
AL Tuscaloosa WUAL \*91.5 no SCA  
WUOA 96.7 music  
AR Batesville KZLE 93.1 music. Stereo?  
AR Fort Smith KTCF-FM 99.9 no SCA  
AR Jonesboro KF1N 107.9 †X  
CA Buena Park KBPK \*90.1 no SCA  
CA Inglewood KACE 103.9 no SCA  
IL Carmi WRUL 97.3 †X  
IL Urbana talking book to move to WILL-TV,  
ch. 12's subcarrier, leaving WILL-FM free to  
carry only farm news.  
KY Hopkinsville WKOA-FM 100.3 †X  
KY Louisville WUOL \*90.5 no SCA until local  
talking book service decides where to go  
MS Baldwin WESE 95.9 †M  
MS Batesville WBLE 95.9 †A  
MS Corinth WADI 95.3 no SCA  
MS Greenville WBAQ 97.9 no SCA  
WOMS 100.7 †X (chips, etc.)  
MS Jackson WYTX 94.7 no SCA  
MS Leland WBAD 94.9 no SCA  
MS Tupelo WZLQ 98.5 †X  
MS Vicksburg WQMV 98.7 †X  
WKVY 108.7 no SCA

### FCC-FM

MS West Point WKBB 100.9 no SCA  
NI Trenton WKXW 101.5 †X  
OK Oklahton KCCC-FM 106.9 †X  
OK Clinton KQTZ 105.9 †X  
OK Oklahoma City KATT 100.5 no SCA  
PA Philadelphia WCAU-FM 98.1 †F (Doe Jones)  
TN Memphis WLYX \*89.3 off the air--no SCA  
KWAM-FM 101.1 †X  
TN Milan WKBJ-FM 92.3 no SCA  
WI Hayward WQJB \*88.9 no SCA  
**Stereophonic Transmissions**  
CT Hartford WJMJ \*88.9 mc, †TB [102, strict.  
IL Dixon WIXN-FM 101.7 k, Stereo Country /  
IA Burlington KRDW 93.5, nr  
LA Alexandria KRRV 100.3  
MI Big Rapids WAAQ 102.3 r, Q-102 (not  
strict); music sounded out of phase on a mono  
receiver.  
MI Twin Lake WBLV \*90.3, on air temporarily  
6 a. m. to 2 p. m., cj  
SD Yankton KKYA 93.1 (not 100.3) k, KY-93,  
not strict, ABC Direction network.  
PQ Montreal CING 102.3  
MEXICO XHPR 101.3 Veracruz, also music SCA  
OK Oklahoma City KXXY 96.1 k  
KLTE 101.9 O (CBS' Radio-  
radio) from CBS  
OK Woodward KSlw-FM 93.5 rock  
PA Pittsburgh WPNT 92.9 m, not rm  
PA Washington WYTK 95.3 k, Q-Country  
SC Columbia WCOS-FM 97.9 k, still "Great 98"  
TN Chattanooga WMBW \*88.9 network  
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FM-97 nonID  
TX Perryton KEYE-FM 95.9 rock, \$  
VA Lynchburg WRVL \*88.3 UPI Audio  
VA Pennington Gap WSWV-FM 105.5 rk, NBC  
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AR Fort Smith KTCF-FM 99.9 no SCA  
AR Jonesboro KF1N 107.9 †X  
CA Buena Park KBPK \*90.1 no SCA  
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MS Baldwin WESE 95.9 †M  
MS Batesville WBLE 95.9 †A  
MS Corinth WADI 95.3 no SCA  
MS Greenville WBAQ 97.9 no SCA  
WOMS 100.7 †X (chips, etc.)  
MS Jackson WYTX 94.7 no SCA  
MS Leland WBAD 94.9 no SCA  
MS Tupelo WZLQ 98.5 †X  
MS Vicksburg WQMV 98.7 †X  
WKVY 108.7 no SCA

SA Regina 96.9 CIZL, Z-99, rp, Stereo  
MEXICO Mexico City XHPR 88.1 (not XHVP)  
Slogans, nonIDs  
AZ Phoenix KKL 96.7 K-Light 99FM, rock  
AR Booneville KJON 92.1 k, K-Jon-92  
FL Clearwater WCKX 95.7 Magic-96  
GA Atlanta WSB-FM 98.5 99-FM (not New-98)  
IL Quincy WGEW-FM 105.1 Gem-Country, E, not EI  
IL Springfield WFMR 104.5 B Country 105 not strict  
IN Terre Haute WTHI-FM 98.9 1-99, still k  
LA Alexandria KTIZ 96.9 97-TIZ  
MN Forest Lake WLKX 95.9 no nonID  
MO Osage Beach KYLC 93.5 KY-93  
NY Geneva WECC 101.7 CQ-102, not Q-102  
NY New York WKHK 106.7 Kick-106  
OH Salem WQXK 105.1 Country-105  
OH Youngstown WKBN-FM 98.9 FM-99  
PA California WVCS \*91.9 FM-92, strict  
PA New Kensington WNUF 100.7 B-Band-101  
PA Shamokin WSP1 95.3 1-95  
TX Austin KASE 100.7 Case-101  
TX Denton 106.1 K1XX 106-FM  
TX Houston KLEF 94.5 Clef  
TX Longview WTKR-Marshall KYKK 105.7 KX-105  
TX Waco 95.5 KNFO K-95  
VA Yorktown WKEZ 94.1 EZ-94, still country  
WV Wheeling WKWF-FM 97.3 FM-97  
**Dual-City Identification**  
OH Alliance WDJQ 92.5 Alliance-Kent  
Off Air (see also SCA column)  
NY Johnstown WYML 104.9  
**Readers' Reports and Comments**  
WUSL 98.9 Philadelphia, now country, is rumored to be heading for a rock format  
for better ratings. Steve West wonders if WDSO 94.7 Dover DE and WOBM 92.7 Toms  
River NJ have directional antennae: poor signals to the north, but excellent to the west.  
WMBR Syracuse NY's 93.5 translator in Webster NY is off the air, looking for a new  
frequency. Seems that CBCP Peterborough-Cobourg ON is on with higher power and  
knocks the little translator out, across the lake. WGTG, soon to be 96.3, Nantucket MA,  
will have the "Stardust" format (whatever that is), coming via satellite from Chicago.  
Nick Lombardi is not pleased with my combining of talking farm news with financial  
news SCA, like Dow Jones II, into one category, "F". "I hope you don't consider the  
price of pork bellies and livestock" reports the same as national financial news and stock  
market reports." I will, because the talking farm news is a vanishing breed, now found  
only on a few stations in Illinois and one very rarely in Murray KY. Most talking farm  
news operations have gone to †X, or machine data. He wants the "L" listing for Mutual  
network subcarrier relay eliminated, now that WBFM 98.1 Seneca CA has CBS on its SCA,  
but I still show WLAY-FM 105.5 Muscle Shoals AL as having Mutual on its SCA.  
WMP0 \*91.5 Medford MA now 125 watts, with lots of promotions in the Boston area.  
In CA, KMPX 98.9 has no commercials, said to be dropping its "watered down" big  
band music for album rock. In MN, KFSS \*88.5 Rochester MN, hard hit by the problem  
mentioned at the top, right column, is asking the FCC for full power of 7,000. They have  
SC Greenville \*89.3 WJGJ  
TN Bristol \*90.3 WIMC  
TN Orange† \*91.5 WKKG  
TX Bridgeport 96.7 KWCS, 210' (3000 h.v.)  
TX Gateville 98.3 KPEP (KMCS)  
TX Rome \*97.7 KBNI  
TX San Antonio \*90.9 KPAC  
PR Quebradillas 98.3 WREI-FM (WREI-FM)  
†Father 103.7 CHFA -7  
BC Moricetown 96.5 CBT1  
NB Fredericton 91.3 CBD-FM  
NB Moncton 95.5 CBA-FM, 98.3 CBAF-FM  
NB St. John's 97.5 VOCM-FM  
NS Bay St. Lawrence 90.1 CB18  
NS New Glasgow 89.5 CBHN  
NS Truro 89.1 CBCH  
ON Pembroke 96.7 CBND (CBCO-5)  
ON Wunnumin Lake 90.1 CJPM (CHPN)  
PE Charlottetown 96.9 CBCT (was CB-CFM)  
PQ Camp Chaumont 96.1 CKBJ-4  
PQ Duplont 99.1 CKBJ-5  
PQ Fort Chimo [Kuujuaq] 90.1 CKUJ  
PQ Riviere du Loup 103.7 CION  
SA Pelican Narrows 105.9 CBKW

The pitting of FM versus TV forces is seen in an  
alarmer letter sent out by WTLR \*89.9 State  
College PA urging action against an FCC rule-  
making that would severely limit the develop-  
ment of educational FM (88 to 92 MHz) within  
what they say is a 140-mile radius of all channel  
6 TV stations in the country. The real problem  
is in TV receiver design, and the FCC admits this  
is, but is trying to solve this by limiting the  
expansion and development of educational FM.  
"If we are silent, and allow these proposals to  
become rules, the growth of educational radio  
will be over. New stations will be rare and  
extremely small. Existing stations will face  
restrictions limiting coverage area and consequen-  
tly your financial support. Do not let it  
happen!" The letter points out educational  
FM has 1190 stations and growing, while TV  
channel 6 has 59 stations and fixed. It says  
TV viewing is down, and points to the need for  
public FM to take on the TV establishment and  
fight. Interested parties can contact Walter D.  
Barker, chief engineer, WTLR, 315 S. Atherton  
St., State College PA 16801, or let the FCC  
know directly.  
Speaking of the FCC, they have effectively  
muzzled my "Beam." Five months after I re-  
ported my operation, they decided it is illegal  
and sent a letter "certified mail, return receipt  
requested" demanding that I cease the operation,  
which I have done, pending an application for  
experimental operation.  
**Readers' Reports and Comments**  
WUSL 98.9 Philadelphia, now country, is rumored to be heading for a rock format  
for better ratings. Steve West wonders if WDSO 94.7 Dover DE and WOBM 92.7 Toms  
River NJ have directional antennae: poor signals to the north, but excellent to the west.  
WMBR Syracuse NY's 93.5 translator in Webster NY is off the air, looking for a new  
frequency. Seems that CBCP Peterborough-Cobourg ON is on with higher power and  
knocks the little translator out, across the lake. WGTG, soon to be 96.3, Nantucket MA,  
will have the "Stardust" format (whatever that is), coming via satellite from Chicago.  
Nick Lombardi is not pleased with my combining of talking farm news with financial  
news SCA, like Dow Jones II, into one category, "F". "I hope you don't consider the  
price of pork bellies and livestock" reports the same as national financial news and stock  
market reports." I will, because the talking farm news is a vanishing breed, now found  
only on a few stations in Illinois and one very rarely in Murray KY. Most talking farm  
news operations have gone to †X, or machine data. He wants the "L" listing for Mutual  
network subcarrier relay eliminated, now that WBFM 98.1 Seneca CA has CBS on its SCA,  
but I still show WLAY-FM 105.5 Muscle Shoals AL as having Mutual on its SCA.  
WMP0 \*91.5 Medford MA now 125 watts, with lots of promotions in the Boston area.  
In CA, KMPX 98.9 has no commercials, said to be dropping its "watered down" big  
band music for album rock. In MN, KFSS \*88.5 Rochester MN, hard hit by the problem  
mentioned at the top, right column, is asking the FCC for full power of 7,000. They have  
SC Greenville \*89.3 WJGJ  
TN Bristol \*90.3 WIMC  
TN Orange† \*91.5 WKKG  
TX Bridgeport 96.7 KWCS, 210' (3000 h.v.)  
TX Gateville 98.3 KPEP (KMCS)  
TX Rome \*97.7 KBNI  
TX San Antonio \*90.9 KPAC  
PR Quebradillas 98.3 WREI-FM (WREI-FM)  
†Father 103.7 CHFA -7  
BC Moricetown 96.5 CBT1  
NB Fredericton 91.3 CBD-FM  
NB Moncton 95.5 CBA-FM, 98.3 CBAF-FM  
NB St. John's 97.5 VOCM-FM  
NS Bay St. Lawrence 90.1 CB18  
NS New Glasgow 89.5 CBHN  
NS Truro 89.1 CBCH  
ON Pembroke 96.7 CBND (CBCO-5)  
ON Wunnumin Lake 90.1 CJPM (CHPN)  
PE Charlottetown 96.9 CBCT (was CB-CFM)  
PQ Camp Chaumont 96.1 CKBJ-4  
PQ Duplont 99.1 CKBJ-5  
PQ Fort Chimo [Kuujuaq] 90.1 CKUJ  
PQ Riviere du Loup 103.7 CION  
SA Pelican Narrows 105.9 CBKW

Contributors to be listed next month!

# FCC TV NEWS

Bill Fahber  
336 Atlantic St.  
Bridgeton, NJ, 08302

APPLICATIONS FOR NEW TELEVISION STATIONS	
CH	ERP HAAT CITY/STATE/APPLICANT
22 1227 1095	Waterloo, IA; Waterloo Family TV
38 699 708	Lawrence, KS; Miller Broadc'g
27 1250 901	Laredo, TX; K-RIO Broadcasting
27 1426 494	Laredo, TX; Oro Bc'g System
27 5000 948	Laredo, TX; Panorama Broadc'g Co
68 93 775	Naguabo, PR; James Rodriguez, MD
29 5000 1309	Sacramento, CA; Trefoil Broadc'g
27 4920 474	Laredo, TX; Tierra Del Sol Bc'g
17 1387 520	Newark, AR; Newark Public School
17 1000 2615	Missoula, MT; James A. Bender
59 1640 2345	Fresno, CA; Alden Communications
59 2671 2061	Fresno, CA; Fresno Family Telev.
59 5000 1949	Sanger, CA; Sanger Telev.Partners
62 2500 3000	Santa Rosa, CA; Black Television Workshop
22 1000 459	Key West, FL; Key West Television Partners
65 5000 1387	Orlando, FL; Metro Broadcasting
33 2483 1202	Shreveport, LA; Media South Bc'g
26 5000 2000	Knoxville, TN; Robert L. Bertram
24 3548 2391	Anacortes, WA; Sterling Assoc.
15 8.13 1037	Christiansted, VI; W.C.White
MODIFIED APPLICATION	
54 122 825	Huntsville, AL; C. Michael Norton
CONSTRUCTION PERMITS GRANTED BY THE FCC	
13 316 971	Mount Vernon, IL; Pyramid Bc'g.
25 1154 1026	LaCrosse, WI; Quarterview, Inc.
42 5000 1293	Austin, TX; Austin Television
16 5000 1590	Little Rock, AR; LRTV Limited Partnership
23 405 627	Decatur, IL; Decatur Foursquare Broadcasting
67 4800 2052	High Point, NC; High Point Community Television, Inc.
61 1004 963	Bay City, MI; Vistacom, Inc.
55 5000 695	Riverhead, NY; Life Broadc'g Network, Inc.
48 2761 1616	Greenwood, SC; Metro Communications South, Inc.
43 646 1154	Knoxville, TN; Knoxville Family Television, Inc.
49 2796 1005	Norfolk, VA; Focus-Tidewater, Inc
22 5000 1483	Seattle, WA; Tavitac Corporation
APPLICATIONS DISMISSED BY THE FCC	
● Austin, TX; ch. 42; Mountain Laurel Broadcasting, Inc.; Television Corporation of Central Texas; Texas Television, Inc.	
● Little Rock, AR; ch. 16; Central Arkansas Television, Inc.; Gemini Broadcasting Co.; Grant Broadcasting of Little Rock; Little Rock TV 16, Inc.; May Broadcasting of Arkansas, Inc.; Teleco Arkansas, Inc.	
● Decatur, IL; ch. 23; Jackson Telecasters.	
● High Point, NC; ch. 67; Fox Media, Inc.; Triad Family Television, Inc.	
● St. Petersburg, FL; ch. 38; Oak Television of Tampa Bay, Inc.	
● East St. Louis, IL; ch. 46; Fernando A. Herrera	
● Hammond, IN; ch. 62; Hammond Telecasters.	

● Riverhead, NY; ch. 55; Morton Telecasting	
● Johnstown, PA; ch. 8; Johnstown Family Telecasters.	
● Knoxville, TN; ch. 43; Lloyd Hearing Aid Corporation.	
● Burlington, VT; ch. 22; Lake Champlain Communications Corporation.	
● Norfolk, VA; ch. 49; Focus Broadcasting of Norfolk, Inc.; Tidewater Television Corp.	
● Seattle, WA; ch. 22; Seattle STV, Inc.	
APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (* indicates stations already on the air.)	
CH	ERP HAAT CITY/STATE/APPLICANT
26 5000 1555	*Chicago, IL; WCIU-TV
31 1620 204	Alexandria, LA; KLAX-TV
24 1387 1307	Baltimore, MD; WKJL-TV
29 1811 1226	Minneapolis, MN; WFBT-TV
23 3055 1199	Albany, NY; WXKA-TV
28 1198 2000	Spokane, WA; KAYU-TV
20 2421 1239	Chicago, IL; WCME
56 1230 732	Fairfax, VA; WNVV
23 1740 1170	Minneapolis, MN; KTMA-TV
41 2770 1470	St. Cloud, MN; KXLI
20 5000 1807	Houston, TX; KYPX; TL to 0.6 mi. east of Missouri City boundary
CP MODIFICATION GRANTED BY THE FCC (* indicates stations already on the air.)	
31 5000 1490	*Sacramento, CA; KRKB-TV; TL to 1.8 mile ENE of Vorden, 0.29 mile north of Twin Cities Road.
20 2239 1201	*Waterbury, CT; WTXK; TL to Peach Orchard Road, Naugatuck.
42 1288 2807	Concord, CA; KPFB
23 ? ?	Charleston, WV; WVAH-TV; TL to south side of Poplar Fork Road, 1.53 miles north of US Route 60 near Scott Depot.
65 93.1 422	Beattyville, KY; Hour of Harvest
30 1321 988	Fort Myers, FL; WSPF-TV; TL to 2.9 miles south of Tuckers Corner on State Rd. 31, Fort Myers.
28 1198 2000	Spokane, WA; KAYU-TV
APPLICATIONS TO CHANGE EXISTING FACILITIES	
46 443 n.c.	Monterey, CA; KMST
11 175 45	Honolulu, HI; KHET
8 297 710	McCook, NE; KOMC-TV
15 2500 965	Hampton-Norfolk, VA; WHRO-TV
CHANGE IN EXISTING FACILITIES GRANTED BY FCC	
11 60.3 1634	Chicago, IL; WTTW
22 759 1190	Salem, OR; KBCB-TV
31 2240 2220	Hartford, VT; WNNE
44 1974 1414	St. Petersburg, FL; WTOG (began 6/22/82)
51 126 395	Newark, OH; WSPF (7/1/81. to begin operation on channel 51)
12 316 1250	Agudillo-Mayaguez, PR; WOLE-TV TL to Pico Atalaya, 4.5 miles southeast of Rincon; began 6/18
6 100 932	New Orleans, LA; WDSU-TV

## FCC TV NEWS

SEPTEMBER, 1982

CALL LETTERS APPLIED FOR: NEW STATIONS	
26 WBTQ	Florence, AL; Alabama Management
3 KTWC	Glenwood Springs, CO; Western Slope Communications, Limited
28 WPNA-TV	Panama City, FL; Kenneth B. Darby
13 WBBV	Mt. Vernon, IL; Pyramid Bc'g Corp.
20 WCME	Chicago, IL; Board of Trustees, Community College District No. 508, County of Cook & State of Ill.
CALL LETTER APPLICATIONS: CHANGE EXISTING	
16 KSNF	Joplin, MO; KTVJ
11 KSNB	Garden City, KS; KGLD
8 KSNK	McCook, KS; KOMC
5 KDLT	Mitchell, SD; KXON-TV
CALL LETTERS GRANTED: NEW STATIONS	
29 KVHP	Lake Charles, LA; Lake Charles Electronic Media, Inc.
28 WKWR-TV	Cookeville, TN; Joseph Patrick Williams
65 WLJC-TV	Beattyville, KY; Hour of Harvest
26 KEHE-TV	El Paso, TX; Paso Del Norte Bc'g
CALL LETTERS GRANTED: CHANGE EXISTING	
56 WNVV	Fairfax, VA; Central Virginia ETV Corporation (WIAH)
CHANGES IN STATION ID APPLIED FOR	
● KTMR-TV, ch. 16, Eugene, OR, to ID as Eugene-Springfield, Oregon	
● WAAT, ch. 40, Wildwood, NJ to ID as Wildwood-West Atlantic City, NJ.	
CHANGES IN STATION ID GRANTED	
● WWSW, ch. 66, Opelika, AL, to ID as Opelika Auburn, Kansas.	
● WBLN, ch. 43, Bloomington, IL, to ID as Bloomington-Normal, Illinois.	
● KOUS-TV, ch. 4, Hardin, MT, to ID as Hardin-Billings, Montana.	
NEW STATIONS ON THE AIR	
● WNUV-TV, ch. 54, Baltimore, Maryland; 4645 kw ERPvis; 1146' HAAT (1505' above sea level); TL 0.37 mile west of Rolling Road, 0.16 mile north of US Route 40 in Catonsville; began broadcasting 7/1/82. Address: New Vision, Inc., 3001 Druid Park Drive, Baltimore, MD, 21215. Subscription service is SUPER TV; scrambled system used is Sync Pulse Suppressive System, developed by Zenith, and uses lines 10-13 of each field for remote control of decoders.	
● WMOD, ch. 43, Melbourne, Florida; 4088 kw ERPvis; 1434' HAAT; 1500' above sea level; TL at Desert Ranches Sta. & Route 1250 in Osceola County; began 7/5/82; address: Southern Broadcasting Corp.; 4450-L Enterprise Court, Rodes Blvd.; Melbourne, FL; 32935.	
● WHRS-TV, channel 42, West Palm Beach, Fla.; educational station; 2150 kw ERPvis; 1440' HAAT; 1549' above sea level; TL 7.7 miles southwest of Green Acres City; began 7/8/82; address: South Florida Public Telecommunications, Inc.; 505 S. Congress Ave., Boynton Beach, Florida, 33435.	
● KAVU-TV, ch. 25, Victoria, TX; 2140 kw max. ERP (933 kw hor.); 1020' HAAT; 1079' ASL; TL County Road #1639; 2.8 mi. south of Lolita. Began 7/21/82; Address: Community Broadcasting of Coastal Bend, Inc.; 3808 N Navarro, Victoria, TX, 77901.	

**STV GRANTED**  
WBFF, ch. 45 in Baltimore, MD, which has been trying to gain STV status for some time now has been prevented because of the "complement of four" ruling by the FCC, has been granted STV approval shortly after that ruling had been dropped.

**FORUM**  
Christopher Hanley sent in a clipping about the defunct WHNS-TV, channel 21 in Asheville, North Carolina, which Pappas Telecasting took over in attempt to resurrect the station. Pappas is proposing a transmitter atop Slick Mountain, which will provide good coverage of Greenville, S.C., but will not provide city grade signal strength for a small portion of Asheville. Pappas says that it needs the Greenville coverage to survive, but the FCC is holding Pappas up because of the problem. Article is from the Winston-Salem Journal, July 22, 1982. Chris also reports that WSOC, channel 9 in Charlotte, is also going to telecast CNN2 all night, except for a half hour of local news at 3:00 a.m.

Greg Monti reports that in addition to CNN2, ABC and NBC are going to all-night news on many of their affiliates, which will give rise to many more all-night stations, which spells more late-night DX. He corrects me (as did Tom Yingling) on two call letter mistakes in the 6/82 column. Ch. 50 in DC is WCQR, not WPCQ; ch. 54 in Baltimore is WNUV, not WNVV. Greg also sheds some light on the "UGLY GEO" logging of Robert Schweitzer on 426.25 mhz (see 6/82 column). This is none other than Ugly George, that guy that walks the streets of New York City with a portable VTR (and looks like one of those moon landing astronauts! -wbf) and talks young females into undressing in front of his camera in alleyways and stairways of dilapidated buildings. He promises them fame and fortune, then shows the films on a public-access channel. (I can't really believe that an individual of such high moral character would resort to transmitting illegally! -wbf) On the "Keystone Network," Greg admits that he never heard of the term, but says that about six years ago WLYH, ch. 15, and WBSA, ch. 43 in Pennsylvania, would simulcast virtually all the time despite separate ownership. Probably an economical move. (more on Keystone coming up. -wbf) On channel 56 in Fairfax, VA, Greg says that the call letters, formerly WIAH, will be WNVV when it goes on the air. It will rebroadcast WCVE, ch. 23 in Richmond, VA, not WCVT. Greg also gives some more insight into MDS (multipoint distribution service). In cableless major markets, it's a common way of distributing HBO or Showtime. It's mostly sold to apartments and condos, where only one receiver is needed for the whole building. Coverage area is not too large, and also suffers in most areas from black market receivers. Although the 2 GHz signal is not scrambled, the received signal is scrambled in master antenna systems, and unscrambled in individual apartments which subscribe to MDS. Microband Corp. has petitioned the FCC to provide the frequencies for a multi-channel MDS system, which would

remove available channels from other services such as Instructional Television.

Andrew Smith gives a detailed history of the Keystone Network, which consisted of WLYH (ch. 15, Lancaster-Lebanon, PA), WHP-TV (ch. 21, Harrisburg), and WSBA (ch. 43, York). WLYH and WSBA were originally ABC, but went to CBS in 1962, when they formed Keystone, a joint advertising venture, which broke up in 1972. Judging by some other comments from Andy, CBS doesn't have too many loyal affiliates around this area. WLYH broadcasts Phillies games and telethons; WSBA broadcasts Orioles games and telethons. But between them and WBAL and WHP-TV, you can usually find a scheduled CBS program. NBC is not too happy with WMAR's (ch. 2, Baltimore) decision to carry CNN2, but still prefers WMAR to WBFF (which just recently got STV approval. -wbf). Baltimore Magazine calls WMAR and the Baltimore Sun, its parent company, the biggest joke in Charm City.

Ron Purduer reports a few network changes in Minnesota. KCMT, ch. 7 in Alexandria and KNMT ch. 12 in Walker both switched from NBC to CBS. Ron thinks that WTMB-TV in Tomah, WI, will never go on the air, because of financial problems. The FCC meanwhile is pondering the fate of KFSI-FM, 88.5 mhz, which has been interfering with KAAL, ch. 6 in Austin.

Back to the Baltimore-D.C. area with Tom Yingling. Not only is WMAR snubbing NBC's proposed late night news program, but WJZ, ch. 13 will not carry the early morning ABC news program. WRC-TV in D.C. also will not be carrying the NBC News Overnight program. One clipping Tom sent in deals with DBS (Direct Broadcast Satellite, or as the article puts it, Dollars By Satellite). With an expensive satellite dish antenna in your yard you will be able to receive about thirty different channels directly from the satellite. They will probably be nearly all scrambled signals requiring a decoder. A few clippings on the new Super TV station, WNUV, ch. 54 in Baltimore, revealed some discontent. Apparently they had some technical problems during the first few nights, along with a lack of organization. One article mentioned scrambled snow. One editor commented that the picture constantly rolled (vertical) and that he called the station, and the person answering the phone seemed to have little knowledge of television.

Remember the Canadian Television Channel allotment plan? I received mine free of charge, but cautioned readers of this column that there was no guarantee this would always be the case. Well, Bill Draeb sent for a copy but received a reply from D.O.C. that it would cost \$165.00, payable in Canadian funds. They also sent him a list of available services which listed the cost at \$55.00 for Canadians, and triple that rate for those outside of Canada. I sent Bill a copy of mine, and I can clearly understand his disgust over the matter. He says that the Canadian government used to be overly generous with free material toward him also. Let me add that I will send a copy of the English text of the plan with all the charts

and engineering data to anybody sending me one dollar in American funds. This will cover the cost of the envelope and postage.

From Mike Reid: A reference made in another column is a previous VUD has CKNY-TV, ch. 10 in North Bay, Ont. as having moved to ch. 6. Actually, CKNY-TV is still on ch. 10, and Mike suspects that the mistake may have come from a cable conversion chart from a TV Guide. Correcting the 1/82 VUD, ch. 4 in Brandon, Manitoba, is CKYB, not CKYP, which is in The Pas, Manitoba. Mike also sent in a list of CCI patterns he had observed between several pairs of television stations, supposing that some must have changed their offset, because it didn't correspond with available data. Unfortunately, every one of his observations was wrong. But he was consistent. Every zero kHz CCI pattern was listed as 10 kHz, and every 10 kHz and 20 kHz pattern was listed as 20 kHz, because of their fine line patterns. When I met him at the WTPFA convention, I asked him whose descriptions he used to identify the patterns. You guessed it. (I wish to add here that, after meeting Morrie Goldman for the first time at the convention, I feel it's great that we can disagree on this point yet still be polite and on good terms. Also, since I've harped on this issue so much, I will grant space in this column to anybody wishing to defend the CCI descriptions of Morrie and of Glenn Hauser without any comment.) I also hope Mike is feeling better after that unfortunate accident at the convention.

Steven Sprachman reports that he is having trouble logging WDPB, ch. 64 in Seaford, DE (you're not missing anything, Steve. -wbf), WSTG, ch. 64 in Providence (I hear that they are not on full schedule yet, and shut off in the evenings), and WTVE, ch. 51 in Reading PA (Somebody at the convention said that WTVE is planning to go STV soon, and already dropped its evening schedule; WTVE shuts off very early in the evening.).

A few quick notes from Ken Simon: WMOD, ch. 43 in Melbourne, Florida, is on, but with low power and not full antenna height. It is an independent station. WHRS, ch. 42 in West Palm Beach, Florida, is on 4:00 p.m. to 11:30 p.m. with educational programming. WFLX, ch. 29 in West Palm Beach, has been testing, but expects to sign on in October, as does WZLZ, ch. 39 in Miami. WTGL-TV, ch. 52 in Cocoa, Florida, plans to begin in August, using the same tower as WMOD.

John Zondlo passes on some notes from Rich Turcsany. WATR, ch. 20 in Waterbury, CT, is now WTXN, dropped NBC to go independent, and is on 24 hours a day. WBCT, ch. 43 in Bridgeport, CT, is still trying to find a location for a transmitter tower, and its construction permit might be expiring pretty soon.

New member George Mileon asks about ch. 62 in the Boston area. There were apparently reports about a proposed STV planned somewhere around Boston on ch. 62 with a news format during the day. (Sounds like WSTG, ch. 64 in Providence, RI, which eventually will be STV all evening. I don't know about

their plans for the daytime, but such formats as Financial News Network seem to be an easy way of satisfying the FCC's now-defunct 28 hour rule for conventional programming by subscription stations. As for channel 62, there is nothing happening in New England on that channel. George also mentions that HBO is broadcast in Boston by MDS, and although the transmitted signal is not scrambled, HBO plans to begin scrambling in the fall. Some cities, such as Miami, are already scrambling their signals.

Another letter from Ron Purdue giving some target dates. KTMA-TV in Minneapolis, MN, ch. 23 proposes 9/1/82. WFBT-TV, ch. 29, also in Minneapolis, plans to go on the air 10/1/82. Also from Ron is a clipping from Broadcasting magazine with some technical info on MDS. There are presently two channels in the microwave band for Multipoint Distribution Service: 2150-2162 MHz. There are 31 video channels in 2500-2690 MHz, 28 of which are for ITFS (Instructional Television Fixed Service), and 3 of which are for OFS (Operational Fixed Service). Microband Corp. of America wants to create a multichannel MDS system, using some of the 2500-2690 mhz channels. The FCC is proposing to give ten of those channels to MDS, ten to OFS, and eleven to ITFS.

Now that I finished the mail, I would like to make a few more digs at WDPB, Delaware's answer to LPTV. I actually caught them broadcasting local programming one morning. So I thought I'd look at their VBI for a few minutes. Wow! I don't think I ever saw equalizing pulses and vertical sync. pulses float from side to side as much as theirs did. At least it stayed on the right lines. After that I thought I'd see what it looked like when they run their ID-solicitation slide. Would you believe no equalizing pulse this time? (maybe it banded into the horizontal sync. and they took it out for repairs.) And one solid vertical sync. lasting for three solid scan lines. By the way, since WHYIY broadcasts from Philadelphia and WDPB from Sharptown, MD, the only way you can log a television station broadcasting from Delaware is to tune in the channel 60 translator covering Newark, DE. Steve Sprachman made me realize that the CCI I got on ch. 64 was from WNEW's translator in New York City, not from WSTG in Providence, which has not been transmitting in the evenings yet.

At the convention, Steve West pointed out from a WHT program schedule that the Superior Court of New Jersey restrained the state from terminating the lease with WRBV, ch. 65 in Vineland, on the transmitter tower. WRBV still needs municipal approval for the tower.

Also at the convention, Joe Gragg mentioned that during his visits to Mexico, that there seems to be a growing crop of translators operating on UHF, with as many as five transmitters from a single tower in several cities throughout Mexico. They seem to be satellite fed, and appear to be about 100 watt transmitters. There has been a push by the Mexican government to provide UHF.

Phil Sullivan is working on a report on STV

systems in this country, listing three basic types of scrambled systems, and is building a list of which ones are being used by which stations, and what type of Barker they are using. He promised to send some information to me on that.

#### THE LATEST ON TELETEXT

As per last month's observation of WAAT, channel 40 in Wildwood, NJ, as it rebroadcast WNBC, ch. 4 in New York City, I got a chance at the convention to observe WNBC directly without CCI. The set in the motel room was ideal for watching the VBI, as the vertical oscillator tube was going bad and the entire picture covered half the screen. The entire VBI could be seen with no trouble and no need to adjust the vertical control. It looked to me as if lines 15-17 were being used for teletext with only 18-19 for the usual RC signals. According to Broadcasting magazine, WNBC is testing ANTIPOPE. I also noticed WCBS, ch. 2 in New York doing the same (lines 15-17). WBAL, ch. 11 in Baltimore is also transmitting coded signals which I am sure is teletext. I caught WCAU, ch. 10 in Philadelphia, transmitting something coded on the second half of line 16 on a few occasions.

CBS and NBC announced plans for a national teletext service, using NABTS (North American Broadcast Teletext Specification), the hybrid of ANTIPOPE and TELIDON. CBS plans to begin this fall, and NBC expects to begin early next spring.

There is one individual in the Teletext industry nicknamed "The Ted Turner of Teletext," but that will have to change soon, as the real Ted Turner is stepping in to give Keyfax (used presently by WFLD-TV in Chicago, and is based on the British CEEFAX) a boost which may offset the advance NABTS is getting from the networks. Superstation WTBS, ch. 17 in Atlanta, Georgia, will be broadcasting Keyfax on its VBI to cable subscribers who can already view WTBS. Since CEEFAX is about the least expensive of all the teletext systems, local viewers and cable subscribers may obtain a decoder for only a few hundred dollars. Turner expects Keyfax to begin on WTBS by the end of this year.

LISTING OF TELETEXT STATIONS: The first teletext station was KSL-TV, ch. 5 in Salt Lake City, using CEEFAX from 7/78 to 6/79. Three stations which used CEEFAX/ORACLE were KMOX-TV, ch. 4 (3/79-4/81) and KNDL-TV, ch. 30 (same dates), both of St. Louis, MO; and WTWJ, ch. 4, Miami (8/79-4/80). WITI-TV, ch. 6 in Milwaukee experimented with a prototype decoder from January to April, 1980. Presently using EIA technology tests are Portland, Oregon stations KATU, ch. 2; KOIN-TV, ch. 6; and KGM-TV, ch. 8; reference also lists KTTV, which is probably a mistake for KPTV, ch. 12. Various forms of British technology are being tested by Chicago stations WFLD-TV, ch. 32 and WGN-TV, ch. 9; by WKRC-TV, ch. 12 in Cincinnati, OH; by KBSC-TV, ch. 52 in Corona, CA; and WKFE-TV, ch. 22 in Dayton, Ohio (reference also had WLPV in Dayton, but that station is in Massachusetts). The well-known Antiope joint-effort, spawned by

CBS, includes San Francisco station KPIX-TV, and Los Angeles stations KCET, ch. 28; KNXT, ch. 2; and KNBC-TV, ch. 4. KIRO-TV, channel 7 in Seattle, Washington, has been experimenting with CEEFAX, ANTIPOPE, and TELIDON. Two Telidon stations are WETA-TV, ch. 26 in Washington, DC, and WBRE-TV, ch. 28 in Wilkes-Barre, PA. WKID-TV, ch. 51 in Fort Lauderdale, Florida, is experimenting with teletext with a scrambled signal (STV).

References for this article include Radio-Electronics magazine, August, 1982, p. 16, and an article from a July issue of Broadcasting.

CHANGES IN THE TABLE OF ASSIGNMENTS

Shawnee, OK: add 30z  
Garden City, KS: add \*18z; delete \*9  
Hays, KS: add \*9z, delete \*14  
Randall, KS: delete 9

(Construction permit for KSWK-TV, Garden City is modified to specify ch. 18 instead of ch. 9. Construction permit for KSMH-TV, Hays, is modified to specify ch. 9 instead of 14. These two may operate on the previously assigned channels on a temporary basis. This change was applied for by KSMH-TV because of cuts in government funding, making the less-expensive VHF channel preferable. The owners of KSWK-TV were not opposed, even though it would move them from VHF to UHF.)  
Killery, MS: add \*39z; delete 34  
New Bedford, MS: add \*34z; delete 47  
Norwell, MS: add 46+  
Vineyard, MS: add 58+ (Television Digest has add ch. 19, but this is a mistake, as the applicant originally specified ch. 19, but the FCC changed it to 58 as a more appropriate channel. Federal Register also refers to the community as Vineyard Haven.)  
Forest City, NC: add 66+  
Charleston, SC: add 24z

CONSOLIDATED HEARINGS

● Pittsfield, MS; ch. 51; Berkshire Television, Inc.; Pittsfield Community Television Association; Housatonic Broadcasting Company.  
● San Francisco, CA; ch. 38; Faith Center, Inc. (application for renewal of license for station KVOP-TV); West Coast United Broadcasting Company; LDA Communications, Inc.; Together Media Ministries. Administrative Law Judge dismissed KVOP-TV's application for license renewal. Faith Center was accused of fraudulent over-the-air fund raising and has refused to cooperate with FCC investigators in an issue involving KHOF-TV in San Bernardino, California. Also, KHOF (FM) in Los Angeles faces problems because of its refusal to show that its programming reflects ascertainment requirements (needs, problems, and interests of the public and the community which it serves). Only 0.7% of the programming of KVOP-TV is of local origin, less than 1/60 of what it promised in its previous application for renewal a few years ago.

● Pensacola, FL; ch. 33; The Harbour Broadcasting Corporation; Telecommunications Partners, Ltd.; Pensacola Television, Ltd.  
● Knoxville, TN; ch. 8; Knoxville Broadcasting Corporation; Edward M. Johnson (speci-

fying Maryville as city of license); Community Broadcasters of Knoxville, Inc.; East Tennessee Broadcasting; Tennessee Telecommunications, Inc.; Local Service Television, Inc.; Knoxville Tennessee T.V., Inc.; Citizens Community Television, Inc.; Knoxmedia, Inc.; Tennessee Telecasting, Inc. (specifies Maryville as city of license); HHS, Inc.; LeConte Broadcasting Company, Inc.; South Central Broadcasting Corporation. Because this is a short-spaced drop-in assignment by the FCC, the applicant granted a construction permit will have to protect the signals of WDCM-TV in Nashville and WGTW-TV in Athens, Georgia.

● East St. Louis, Illinois; ch. 46; Minority Broadcasters of East St. Louis, Inc.; East St. Louis 46 Broadcasters, Inc.; Spectrum Telecommunications Corporation; Mahogany Entertainment Television, Inc.

RESULTS OF CONSOLIDATED HEARINGS

● Manchester, NH; ch. 50; FCC granted CP to Channel 50, Inc. and dismissed applications by CTV of Derry, Inc. and Golden Triangle Broadcasting.  
● San Juan, Puerto Rico; ch. 18; FCC granted CP to Three Star Telecast, Inc. and dismissed application by Comark Television, Inc.

STV DEREGULATION

Effective 8/5/1982, four of the five rules concerning subscription television, and under reconsideration by the FCC, were dropped. Those rules are: (1) The "Complement of Four" rule, whereby at least four conventional commercial broadcasting stations must exist in a city before a fifth station could scramble their signals. (2) the 28-hour rule, that a STV station must broadcast at least 28 hours of conventional programming per week. (3) The rule requiring that decoders be leased, not sold. (4) The requirement that the station ascertain the needs and interests of the community with regard to subscription programming.

The fifth rule being reconsidered had to do with certain technical standards for conventional television which STV stations are unable to meet. As it stands now, STV stations scramble their signals under temporary authority. The issue about this ruling has not yet been resolved. (reference from Federal Register, 7/12/82; pp. 30069 to 30077)

TELEVISION AND FM RADIO IN ALASKA:

Since 1955, the frequency band 76-100 MHz has been allocated in Alaska for government and non-government fixed operations. The FCC received a petition for rule making in 1979, requesting that that band be reallocated to broadcasting (channels 5 & 6, and most of the FM band). On 1/7/82 the FCC proposed that this band be shared by broadcasters and Common Carrier Fixed Service. Public response was mostly favorable, and the ruling became effective 8/11/82. No communities are as yet being assigned any TV or FM channels. Broadcast stations operating on these channels, however, may

not cause harmful interference to fixed services operating on these frequencies prior to 1/1/1982, but are not protected from interference by those fixed services either. However, fixed services authorized after that date have a secondary status to broadcast services.

CANADIAN NOTES FROM WALTER PATTON

NEW TRANSMITTERS

CH	KW	NET	CITY/PROVINCE/PRIMARY
2	.226	CBC	Caledonia, NS; CBHT(3) Halifax
16	.016	CTV	Marinette, NS; CJCH(5) Halifax
2	.480	CTV	Sheet Harbour, NS; CJCH(5) Halifax
5	.470	CTV	St. Edward, PEI; CKCW-1 (8)
16	59.0	CBC	Little Current, ON; CKNC (9)
2	32.0	SRC	Carleton, QUE; CBGAT (6) Matane
7	1.70	SRC	Port Daniel, QUE; CBGAT (6)
2	2.90	SRC	Riviere-au-Renard, QUE; CBGAT (6)
8	1.84	SRC	Chandler, QUE; CBGAT (6) Matane
24	1.00	SRC	Lac Hamque, QUE; CBGAT (6) Matane
8	0.85	SRC	Cloridorme, QUE; CBGAT (6) Matane
11	20.0	SRC	Perce, QUE; CBGAT (6) Matane
9	1.80	SRC	Gaspe, QUE; CBGAT (6) Matane
9	29.0	SRC	Campbellton, NB; CBAFT (11)
44	1.00	SRC	Kedgwick, NB; CBAFT (11) Moncton
21	1.00	SRC	St.-Quentin, NB; CBAFT (11)
16	1.31	CBC	Port Daniel, QUE; CBMT (6)
27	6.00	CBC	New Richmond, QUE; CBMT (6)
14	3.71	CBC	Perce, QUE; CBMT (6) Montreal
18	5.21	CBC	Escuminac, QUE; CBMT (6) Montreal
18	5.00	CBC	Gaspe, QUE; CBMT (6) Montreal
45	5.19	CBC	New Carlisle, QUE; CBMT (6)
23	1.66	CBC	Port Chandler, QUE; CBMT (6)
15	428.2	RQ	Carleton, QUE; CIVM (17) Montreal
35	2.56	RQ	Gaspe, QUE; CIVM (17) Montreal
40	2.17	RQ	Perce, QUE; CIVM (17) Montreal
8	143.7	RQ	Chicoutimi, QUE; CIVM (17)
34	1.00	SRC	Weymouth, NS; CBAFT (11) Moncton
24	1.00	CBC	Weymouth, NS; CBHT (3) Halifax (Powers listed above are ERP Visual except for those .100 watts or lower, where transmitter power only is used. Stations 10 watts or less are not listed.)

APPLICATIONS FOR NEW TRANSMITTERS DENIED

13 287. Portage-la-Prairie, MB (CanWest)  
20 90.0 Halifax, NS (Atlantic TV System)  
20 1928 Halifax, NS (New Brunswick Br. Co.)  
26 27.5 Halifax, NS (C. A. Patterson)

CHANGES GRANTED

PREVIOUS:	CH	KW	NET	CH	KW	NET	CITY/STATE/STATION
34	.035	-	-	.175	-	-	Exshaw, AT; CBRT-17
9	14.1	-	-	24.9	-	-	Riviere du Loop, QUE; CIMT
9	.037	-	-	.089	-	-	Schefferville, QUE; CBST-2
7	.037	-	-	.089	-	-	Schefferville, QUE; CBSET-1
10	119	-	-	70.5	-	-	North Bay, ON; CKNY
5	52.5	SRC	-	40.3	TVA	-	Carleton, QUE; CHAU
2	4.50	SRC	3	3.50	TVA	-	Ste-Marguerite-Marie, QUE; CHAU-TV-1
9	.005	SRC	31	.100	TVA	-	St.-Quentin, NB; CHAU-TV-2
7	.005	SRC	6	.026	TVA	-	Port Daniel, QUE; CHAU-TV-4
2	9.62	SRC	13	2.11	TVA	-	Perce, QUE; CHAU-TV-5
13	1.57	SRC	7	.378	TVA	-	Gaspe, QUE; CHAU-TV-6

CHANGES GRANTED (CONTINUED)

PREVIOUS:	CH	KW	NET	CH	KW	NET	CITY/STATE/STATION
7	.205	SRC	4	1.22	TVA	-	Riviere-au-Renard, QUE; CHAU-TV-7
5	.005	SRC	11	.089	TVA	-	Cloridorme, QUE; CHAU-TV-8
7	.005	SRC	12	.023	TVA	-	L'Anse-a-Valleau, QUE; CHAU-TV-9
3	49.3	-	-	2	100.	-	St.-René-de-Matane, QUE; CBGAT-7
30	.390	-	-	.313	-	-	Lochabar, NS; CBIT-7
33	.005	-	-	.100	-	-	Hawkes Bay, NF; CBYT-9
5	-	-	-	4	-	-	

CALL LETTERS

CH	C.L.	CITY/PROVINCE/POWER(KW)
11	CKX-TV-3	McCreary, MB; 31.8 kw
31	CBKFT-11	Leoville, SA; 10.7 kw
41	CBKFT-12	North Battlefield, SA; 10 kw
2	CBWWT	Mafeking, MB; 2.4 kw
13	CJCH-TV-4	Bridgetown, NS; .058 kw
8	CBIT-19	Inverness, NS; .73 kw
4	CBCT-1	St. Edward/St. Louis, PEI; .258
11	CBCT-2	Elmira, PEI; .462 kw
34	CBXFT-11	Medicine Hat, Alta; .619 kw

APPLICATIONS FOR NEW TRANSMITTERS

CH	KW	NET	CITY/STATE/PRIMARY
13	73.0	ind	Rembrandt, MB; CKND (9) Winnipeg
19	4.20	SRC	Fredericton, NB; CBAFT (11)
6	8.00	SRC	Beauceville, QUE; CBVT (11)
6	.255	TVA	Camp LG2, Que.; satellite fed
7	.523	TVA	Camp LG3, Que.; satellite fed
7	.454	TVA	Camp LG4, Que.; satellite fed
44	1.58	SRC	Stoneham, QUE; CBVT (11) Quebec

APPLICATIONS TO CHANGE EXISTING FACILITIES

EXISTING	CH	KW	CH	KW	CITY/PROVINCE/STATION
13	.010	5	.116	-	Cranbrook, BC; CFCN-TV-9
11	173.	-	252.	-	Quebec, QUE.; CBVT
8	6.40	-	6.80	-	Goose Bay, NF; CFLA
13	.504	-	14.0	-	Port au Port, NF; CBFNT
78	78.7	54	60.2	-	Windsor, ON; CBFT
3	45.0	-	53.-	-	Neguaq/Allardville, NB; CBAFT-3

DELETE

CBFT-2, ch. 13, Lake Desmaras, NWT; .143kw

FCC PROPOSAL FOR ADDITIONAL CITY IDENTIFICATION

The FCC proposes to change the procedures by which broadcasters may obtain permission to identify in communities in addition to their community of license. Currently licensees must file an informal application for such permission. The proposed change would eliminate the application aspect and would merely require licensees meeting the signal coverage criteria for additional city identification to certify to the FCC that they provide such coverage and inform the FCC that they will commence additional city identification on a particular date. The FCC proposes this change in order to reduce the costs of processing multi-city identification authorization requests, to speed that process, and to reduce or eliminate possibly unnecessary regulation.

COMING SOON: In-depth reports on DBS (Direct Broadcast Satellite), Low Power Television, and Retrospect Eight: STRATOVISION.





John Ebeling, 9209 Vincent Ave. S., Bloomington, MN 55431

CDT

I do a fair amount of FM DX'ing from my cabin at Prosit (Alborn) in northern Minnesota. As an aid in determining Es openings, I usually have a TV set running on channel 2 so I can note early signs of skip.

My nearest channel 2 is KTCA in Minneapolis/St. Paul at about 150 miles, and of course, KDLH, Duluth at 30 miles, pretty much covers channel 3. Occasionally it gets pretty much wiped out by Es, but getting any ID is difficult.

I use two antennas with a knife switch to choose between them. Both are on the attic floor, one 5 element aimed se towards Duluth and the other (6 or 7 element) aimed south towards Minneapolis/St. Paul.

Receivers are 9" Panasonic all transistor black and white ('77 model) and a 21" Zenith color about 15 years old.

Good old KPRC, Houston was received many times, as well as KMID, Midland. I recall much early TV Es from Texas while in Duluth in 1950 and 1951.

June 1982	27 Es 1530 KOAI 2 AZ	2 Es 2100 WWL 4 LA	8 Es 1400 WNGE 2 TN
17 Es 1500 KPRC 2 TX		2300 WMAB 2 MS	1600 WDIQ 2 AL
18 Es 1034 XEPM 2 CH	July 1982	3 Es 1100 WFMY 2 NC	1630 KJAC 4 TX
1330 KTEW 2 OK	2 Es 1800 WCBD 2 SC	7 Es 1930 WGBH 2 MA	1730 KMOL 4 TX
1400 KMID 2 TX	2000 WESH 2 FL	8 Es 1330 WCBI 4 MS	18 Es 1700 KCBI 2 ID
19 Es 2000 WBRZ 2 LA	WTVY 4(FL)		

(nice to hear from you, John. send us more loggings when you have them. fm)

Fred McCormack, Des Lacs, ND

CDT

July 1982	8 Es 1701 WTVY 4(FL)1455	9 Es 0855 XETV 6 BCN 1350
4 Es 2159 WGR 2 NY 1170	(MUF 105.7 @ 1703 TX)	(MUF 107.1 @ 0912 CA)
2227 WFMY 2 NC 1390	1728 WLBT 3 MS 1250	0926 KVBC 3 NV 1085
2230 KWGN 2 CO 615	tr 1814 CBWT- 29 MB 260	0928 KEYT 3 CA 1340
6 Es (MUF 102.7 @ 1945 se)	(Piney - CBWT relay)	0930 KNXT 2 CA 1290
2129 KJAC 4 TX 1310	Es (MUF 107.5 @ 2037 CA)	(MUF 107.3 @ 2032 MX)
(MUF 102.5 @ 2200 s)	2238 KRON 4 CA 1275	10 Es 1245 KITV 3 AZ 1165
7 Es 2103 CFCL2 2 ON 1010	0233 CBEBT 4 NWT 1005	
(possible CFCL3)	(CBC North-Anik)	

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

July 1982	3 tr 0802 K25AA 25 IA 24	20 Es 2100 WGBH 2 MA 1290
2 Es 0735 XEPM 2 CH 1180	(Rock Rapids KSIN-27)	2200 WKTV 2 NY 1095
0759 KMID 2 TX 1060	0817 K33AB 33 IA 245	2204 WFSB 3 CT 1230
(MUF 92.3 @ 0808 TX)	(Sibley KSIN-27)	2206 WSTM 3 NY 1045
0825 KATC 3 LA 1185	0822 KHIN 36 IA 390	2230 WFSX 3 PA 990
KJAC 4 TX 1165	0830 K2OAD 20 MN 230	2230 WCBS 2 NY 1210
(MUF 105.1 @ 0853 TX)	(Worthington KSTP- 5)	22 tr 2057 WCVT 35 MI 595
2259 KBCI 2 ID 960	0900 KXNE 19 NE 320	2129 WSBT 22 IN 635
3 tr 0618 K32AF 32 MN 220	3 Es 1135 unids 2 w	2132 WTVY 18 WI 505
(St. James KSTP- 5)	11 Es (MUF 107.9 @ 1838 CT)	2235 WNDU 16 IN 635
0645 K60AO 60 MN 185	(MUF 106.9 @ 1921 CT)	2240 WSJV 28 IN 635
(Redwd Falls KSTP- 5)	(MUF 105.7 @ 2052 MD)	2331 WHME 46 IN 640
0645 K57AE 57 MN 175	(MUF 107.5 @ 2145 UT)	2357 WTVT 36 WI 505
(Olivia KTCA- 2)	2200 KVBC 3 NV 1195	23 tr 0003 WCTU 26 IL 570
0647 K66BB 66 MN 185	13 Es (MUF 104.1 @ 2153 CT)	0011 WSNL 44 IL 570
(Redwd Falls KMSP- 9)	(MUF 105.7 @ 2226 PA)	(STV- no barker)
0650 KTIIN 21 IA 305	(MUF 102.9 @ 2352 GA)	0012 WFBNT 66 IL
0710 KMEG 14 IA 300	16 tr 1213 KCAU 9 IA 300	(STV- no barker)
0710 KSIN 27 IA 300	1229 KMNE 7 NE 340	23 tr 0013 WFLD 32 IL 570
0715 K68BJ 68 MN 185	1726 KRIN 32 IA 395	0019 WFCF 38 IL 570
(Redwd Falls WTCN-11)	1635 KMID 2 TX 1060	0043 WIFR 23 IL 490
0715 K64AC 64 MN 185	(MUF 94.5 @ 1721 TX)	0045 WCGV 24 WI 505
(Redwd Falls KTCA- 2)	1728 KIII 3 TX 1330	(STV - w/barker)
0730 K65BA 65 MN 155	(MUF 105.3 @ 1735 TX)	0133 WEEK 25 IL 560
(Gran. Falls KSTP- 5)	1800 unid 3 Mexico	0214 WGN 9 IL 570
0747 K52AB 52 MN 220	(MUF 104.5 @ 1807 WV)	0223 WSAW 7 WI 365
(St. James WTCN-11)	(MUF 105.5 @ 1904 KY)	0242 WISN 12 WI 505
0750 K54AC 54 MN 220	(MUF 105.5 @ 1924 MX)	0251 K66BA 66 MN 110
(St. James WCCO- 4)	2000 WLBT 3 MS 1070	(Starbuck with WGN-9)

Fred McCormack (continued)

July 1982

23 tr 0251 K38AC 38 MN 90	23 Es 1500 KMID 2 TX 1060	23 tr 2302 WTVV 18 WI 505
(Alxndria with WGN-9)	1529 XEPM 2 CH 1180	24 Es (MUF 107.3 @ 1641 PQ)
0540 WNDU 16 IN 635	tr 1859 WTVV 47 IL 555	1717 WKTU 2 NY 1095
0553 WSJV 28 IN 635	1859 WKOW 27 WI 445	1730 WGBH 2 MA 1290
0721 WEEK 25 IL 560	1907 WTVV 17 IL 490	(MUF 107.1 @ 1811 VT)
0727 WRAU 19 IL 560	1930 WQRF 39 IL 490	(MUF 107.3 @ 1921 TX)
0750 WLEF 36 WI 315	2003 WMTV 15 WI 445	26 Es (MUF 101.9 @ 2127 LA)
0806 WICS 20 IL 610	2014 WBBS 60 IL 570	2131 KALB 5 LA 1115
(still in -1100)	(STV- baseball,	(MUF 92.5 @ 2204 MS)
Es 1500 KNAZ 2 AZ 1120	no barker,s/off)	2208 WLBT 3 MS 1070
	2030 WIFR 23 IL 490	2211 WEAR 3(AL)1225
	2039 WCIU 26 IL 570	2227 WKRG 5 AL 1215
	2051 KDUB 40(WI) 425	2311 WMAB 2 MS 1015

Lots of New England Es here. I usually end up mostly DX'ing on FM, particularly when the opening is from the northeast. The TV channels are usually too loaded with CCI to make ID's likely.

The evenings of the 22nd and 23rd of July produced the best tropo conditions so far this season. I managed to log my second most distant VHF with WGN and to pick off quite a few U's. It was interesting to find two KMSP-9 translators carrying the signal of WGN after KMSP went off the air.

I noted three scrambled signals from Chicago, although I have not ID'd WFBN. I thought even STV stations would have to identify, but my checking on the hour, quarter hour, and half hour proved to be a waste of time. Do they ever identify while they are running scrambled? I ID'd the other two by seeing WBBS s/off and WSNS running unscrambled during the very late hours. I wish the STV operations were all as easy to identify as Milwaukee was and as the LPTV at Bemidji is.

Send in your reports. I know a lot of good DX is going unreported.

## NEXT MONTH in the V.U.D.

REPORT ON THE 1982  
STATEN ISLAND WTFDA  
CONVENTION

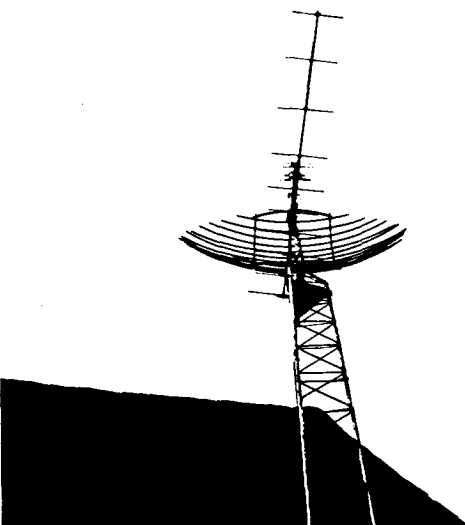
MORE TIPS ON  
MODIFYING YOUR UHF  
PARABOLIC DISH

REPORTS ON SOME  
GREAT LATE SUMMER  
TROPO CONDITIONS

LOTS OF PHOTOS  
OF DXERS, ANTENNAS  
--AND EVEN SOME DX

"FEEDBACK" RETURNS  
TO DISCUSS CLUB TOPICS  
AND ISSUES

MUCH, MUCH MORE!



# EASTERN TV-DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee, WI  
54216

Deadline: 1st

September 1982

Harry J. Hayes; 9 Henry St., Wilkes-Barre, PA 18702 EDT

June 1982	July 1982	July 1982
26 Es 0930 WLEB-3 MS (a rare one in recent years)	2 Es 2048 KQTV-2 MO 2100 KLINE-3 NE 3 Es 1200 KTVO-3 MO 1230 KGAN-2 IA 1233 WOI-5 IA 1300 KUSD-2 SD 2014 WESH-2 FL	13 Es 2330 WCCO-4 MN 2345 KXON-5 SD 14 Es 0028 KQTV-2 MO 0030 WDAF-4 MO 0035 KCMO-5 MO 0045 KTVI-2 MO
1000 WWL-4 IA WDSU-6 LA 1100 WPBT-2 FL	8 Tr 0900 WCNY-24 NY 135 0923 WUTR-20 NY 150 9 Es 1200 WPBT-2 FL 1209 WTVJ-4 FL 1215 WPTV-5 FL 10 Es 2130 WBRZ-2 LA	17 Es 1335-1402; intense opening, chs. 2-6 no I.D.'s.

Equipment: Wilkes-Barre--  
RCA XL-100; Winegard 2-6  
VHF ant. indoors with CM

amp. UHF-6ft. parabolic dish in attic, AC-4990 amp. and RCA Chromacolor TV. Thornhurst: RCA Sportabout, B&W, 1966 model, FM antenna, CM amp., switchable to ch. 2 quad loop.

"This season is better than 1981 and the preceding 3 years following 1977. The openings do seem to exhibit a strange winter-like quality this year in that openings develop quickly die quickly without much residual skip before or after the peaks. Anyone else make this observation? On 7/11 a big E opening broke out around 0745 while I was visiting at Glenn Jacobs home, 12 mi. NE of Thornhurst. It was one of the best openings of the season and because I wasn't home I couldn't add to the log, naturally. Skip was mainly to the Dakotas and reached channel 7 at 2030 and at 2105. Around 2030 an NEC on 7 was in; Alexandria, MN is suspected. At 2105 a PBS was in with full color and I would suspect KMNE. At 2030 at the time of the first channel 7 skip, Glenn managed to pull a voice I.D. from WCMH-4, Columbus, OH. The shortest skip I've ever experienced. I'm sure it couldn't be tropo as the channel was jammed with skip!"

Eric Fader; 23-35 Bell Blvd., Bayside, NY 11360 EDT

May 1982	May 1982	June 1982
7 Tr 2330 CT/MA 19, 20, 23, 24, 25, 40, 53. NJ-40(new), MD-16, 28,	31 Es 1600 WEDU-3 FL ("Auction '82")	15 Es 1936 WERC-6 AL 1958 WLEB-3 MS ("WLEB, our pride is showing.")
8 Tr 0030 WERE-28 PA Wilkes-Barre	7 Es 1829 unided-3; TX 8 Es 1840-2005 CWFT-3 MB Winnipeg	1959 KARD-3 KS Wichita ("KSN") Kansas State Network.
15 Es 2005-2058 unideds on chs. 2 & 3.	1858 KDLH-3 MN ("Scene 3 News")	26 Es 1015 into FM; no TV I.D.'s.
19 Tr PA-10, 12; RI-10, 12 0046 WCVB-5 MA (thru local)	1910 CWFT-6 MB Winnipeg	
27 Es 1905 cci on ch. 4.	12 Tr 0022 WAPB-22 MD Annapolis	July 1982
31 Es 1326 WEDU-3 FL 1329 WLEB-3 MS ("Noonday Report")	15 Es 1920 WRBL-3 GA 1925 KYTV-3 MO ("KY-3"); flood warnings.	2 Es 1859 KYTV-3 MO ("It's nice to come home to your friend 3". "KY-3" 2 Es 1859 KDLH-3 MN ("Scene 3 News")
1420 WREG-3 TN ("Tornado Watch")		

Bob Seybold; Bennett Rd., Dunkirk, NY 14048

"It has been sometime since I sent in a report. I am still DXing probably not observing as much as in the past but still quite active. With exceptions of new loggings, I do keep detailed loggings except on big openings. Will summarize my report best as possible.

December 1981 - January 1982--Some E-skip observed in this period especially in early January. Did not keep detailed loggings.

May 15-31 1982-- Some E-skip noted in this period, especially on May 15, 16, 19 & 24. Florida & Gulf coast stations observed mostly with Cuba on two occasions. Stations such as WPBT-2, WTVY-4, WBRZ-2, KTBS-3, WEDU-3, WTVJ-4, WEAR-3 noted several times.

Eastern TV-DX

Seybold; continued---

September 1982

June 1-30--Not a big month for E-skip. A couple of good openings and several small ones; - Texas, Florida, Kansas, Oklahoma & Gulf coast stations noted mostly. Most openings channels 2-4, a few big ones above channel 4. Scattered tropo openings in June mostly Ohio, Pennsylvania, West Va., Indiana, Michigan, a couple openings into Kentucky, Illinois and Missouri.

July 1982--Some good E-skip as of July 25 with a couple Maritime openings giving me a couple new ones. One opening went into ch. 7 (no I.D.). Florida, Texas, Oklahoma, Cuba, Gulf coast, Nebraska, Dakotas, Kansas, Wyoming, Colorado stations noted on several occasions. No log kept.

Tropo very good in period July 1-25th. Most recent opening July 24th evening into A.M. of the 25th. These noted - WCMU-14, WICD-15, WANE-15, WNDU-16, WTVW-17, WWMA-17, WLFI-18, WPTA-21, WCDC-19, WUTR-20, WSET-22, WKAR-23, WEYI-25, WJHO-24, WCIU-26, WFUM-28, WSJV-28, WGTE-30, WNPE-16, WNP1-18, WKJG-33, WNI1-34, WUHQ-41, WKOI-43(new), all Chicago U's (26, 32, 38, 44, 60, 66), all Rockford U's Muncie-49, Ft. Wayne-55, WBGU-57, WTLW-44(new), WLI0-35; WGVC-35, Iowa-32 (which one??-I assume you mean KRIN-wd) & KHIN-36; WTVV-18, WMTV-36; WPNE-38, WLRB-26, Binghamton, Scranton, Elmira U's; Newark-47; Conn.-30; Poughkeepsie-54; Pittsburgh and Peoria U's.

July 22-Kentucky U's, W.Va.-15, 33, 41. Ohio 14, 20, 42, 44; Dayton U's; Springfield-26; Cincinnati 19 & 48 and many translators. There was also one opening into the northeast on tropo with Quebec-15, Boston-38, Utica-20, 33 and eastern NY U's. New stations include WTLW-44, WPMR-60, WKOI-43, WWMA-17, WOAC-67, WTUV-33; CHFD-4 and some translators. Totals now 879. Should have another report soon.

William R. Hepburn; c/o Transport Canada Training Centre, 1950 Montreal Rd., Cornwall, ON K6H 6L2 EDT

June proved to be rather disappointing for DX here in Cornwall. E-skip has been a total washout while tropo has been non-existent. The peak muf noted was 1111 Mhz on the 7th. Totals stand at 69.

June 1982	June 1982	June 1982
2 Es 1208 muf ch. 3	7 Es 1907 WSIL-3 IL 845 Harrisburg	14 Es 1205 muf 105 Mhz
6 Es 1810 WCBQ-2 SC 880 Charleston	1920 WMCT-5 TN t	15 Tr 1904 W6IAE VT 75 (WEZF) Enosburg Falls
1838 muf 92 Mhz	1927 WPSD-6 KY 910 Paducah	Es 1905 WESH-2 FL 1175
1847 WCIV-4 SC t	1958 WABQ-6 MS 1140 Greenwood	1950 muf 104.1 Mhz
1848 WSAV-3 GA 945 Savannah	2026 KARK-4 AR t	2100 WDIQ-2 AL 1125 Dozier
1851 WJXT-4 FL 1075 Jacksonville	2039 KJRH-2 OK t	21 Es 2003 muf ch. 6
1900 WFTV-3 NC t	2042 KTVI-2 MO t	23 Es 1919 muf ch. 4
1901 WFMY-2 NC 680 Greensboro	2046 KOET-3 OK 1285 Eufaula	1927 WEDU-3 FL 1260 Tampa
1905 WESH-2 FL 1175 Daytona Beach	2100 WREG-3 TN 1070 Memphis	1929 WFMY-2 NC 680
7 Es 1735 muf 111 Mhz	8 Es 1201 muf ch. 4	1930 WMAZ-2 MS 1065 State College
-----	13 Es 2100 muf ch. 6	-----
At Niagara Falls, ON:	-----	At Cornwall, ON:
26 Es 1246 muf 91 Mhz	-----	28 Tr 0608 WMHT-17 NY t

Robert S. Ross; WE3JFC Bx 4373 Stn. C, London, ON N5W 5J2 EDT

June 1982	June 1982	June 1982
2 Tr 0620 WNED-17 NY 130	2 Tr 0645 WUHF-31 NY 180	9 Tr 2100 CHLT-48 ON 60
0630 WXON-20 MI 120	0648 WUTV-29 NY 130	2103 WEWS-5 OH 120
0635 WFMJ-21 OH 130	9 Tr 0126 WOAC-67 OH 150	12 Tr 0445 WIHT-31 MI 150
0638 W67AL OH 120	2040 WAKR-23 OH 140	25 Es 1100 WPBT-2 FL 1200
W64AF OH "	2045 WGTE-30 OH 150	26 Es 1253 WGBH-2 MA 525 Boston
WVIZ-25 OH "	2050 CICO-32 ON 120	1259 KETS-2 AR 825
0640 WQPR-62 MI "	2053 WTVV-33 OH 130	27 Tr 2245 WTLW-44 OH 225 Lima
0643 W46AB NY 130	2056 WNEO-45 OH 140	-----

Equipment: Toshiba 12" TV; rabbit ears on VHF; Flying Arrow ant. for UHF  
Log total: 193.



Eastern TV-DX

Rich Turcsany; 37 Windsor Place, Fairfield, CT 06430 EST-EDT

March 1982

25 Tr 0700 WRUH-35 VA May 1982
Richmond 24 Es 1630 KATC-3 LA
Baltimore U's WBRZ-2 LA
Tidewater U's 27 Es 1230 TR-2 Cuba
DC U's 31 Es 1155 WESH-2 FL
Delmarva U's WEDU-3 FL
Onancock xlters

April 1982

20 Tr 0000 WTXK-20 CT May 1982
(now independent) 7 Tr 2300 NJ U's
WLIW-21 NY 2317 W61AH CT
(a surprise)
8 Tr 0200 WCBS-2 NY
WFSB-3 CT
WOR-9 NY

May 1982

7 Tr 2300 Philly U's

June 1982

7 Es 1115 WTHS-2 FL June 1982
ICR-6-3 Cuba 8 Es 1859 KDLH-3 MN
WTWJ-4 FL 1900 KGFE-2 ND
TR-5 1930 CBWF-3 MB
10 Es 1713 WREG-3 TN
1459 WLBT-3 MS 1720 KATC-3 LA
1530 KARK-4 AR WMCT-5 TN
1532 WNGE-2 TN 1730 KEMV-6 AR
KTBS-3 LA 1757 WSIL-3 IL
1544 KEMV-6 AR 13 Es 2300 WEAR-3 FL
1648 KOTV-6 OK 14 Es 0000 WRCE-3 TN
1653 WJBF-6 GA WEDU-3 FL
1659 KTVO-3 MO 15 Es 1830 WDIQ-2 AL
1730 WHPF-4 IL WCBF-2 SC
8 Es 1130 WWL-4 LA 1900 WSB-2 GA
WDSU-6 LA 1905 KTVI-2 MO
1200 WBRZ-2 LA 1906 WEDU-3 FL
KATC-3 LA WRFL-3 GA
1758 WISC-3 WI 1956 WLBT-3 MS

It's official, Fairfield is my new summer DX location... done in Boston). Dx here is about average, even for an indoor antenna. Local TV news: Teletext is on in New York, with WCBS-2 and WNBC-4 conducting tests. WFTI-54 Poughkeepsie (which I had thought would go dark) is going to be sold to Trinity Broadcasting Network (of KTEB-40 fame). Once sold, TBN will convert the station to 24 hour all-christian programming (maybe WTEN call letters too). WTUV-59 New Haven, a cp since 1953, might finally go on the air in September as an indie. Next month, I'm going to send in a report of some DXing I did in a twin engine plane 3500 feet above the ground!! Using my multi-standard TV, I was able to make some fantastic loggings between Bridgeport, CT and Boston with no help from tropo or E-skip. This should be a real treat for many.

Bill Fahber; 336 Atlantic St., Bridgeton, NJ 08302 EDT

April 1982

19 Tr 2300 WINH-8 CT 183 May 1982
WEDW-49 CT 168 31 Es 1438 ABC, 0 offset
WSEK-38 MA 290 1452 CBS-2
2335 WLVI-56 MA " 1500 ABC-3
WEDH-24 CT 207 1510 KTVI-2 MO
WSMW-27 MA 273 WITV-30 CT 202

May 1982

11 Es 2010 KJRH-2 OK June 1982
KOBT-3 OK 14 Es 0028 WDAF-4 MO
12 Tr 1538 Unided-46, CBS 0100 fadeout
18 Tr 2230 WSEE-36 RI offset(Cuba 3/4 cb)
2245 WVIT-30 CT WPBT-2 FL
2245 WSEK-38 MA 0657 Cuba-3 begins
WLNE-6 MA programming.
31 Es 1420 chs.2-6 0800 CBS-2
1427 PBS-2 0815 WWL-4 LA

September 1982

May 1982

31 Es 1207 WJXT-4 FL
WUFT-5 FL
1306 WDHO-6 FL
WSAV-3 GA
1400 WMAB-2 MS

June 1982

15 Es 1956 WCBI-4 MS
2000 WBRZ-2 LA
17 Es 2030 WEDU-3 FL
19 Es 1930 " "
WESH-2 FL
WJXT-4 FL
22 Es 1600 KETS-2 AR
23 Es 1900 WSIL-3 IL
1915 KYTV-3 MO
1949 WEAR-3 FL
2100 WCIA-3 IL
26 Es 1130 WLBT-3 MS
1227 KETS-2 AR
KEMV-6 AR
1230 WSIL-3 IL
28 Es 1508 WPBT-2 FL
WTVJ-4 FL
WPTV-5 FL
WCIX-6 FL

July 1982

11 Es 2115 chs.2-6
CBS-4
2145 ABC-5
2252 KFYR-5 ND
2259 KEME-3 ND
KKJB-4 ND
2300-2315 fadeout
2340 MUF to ch.6
2350 KSTP-5 MN

Eastern TV-DX

July 1982

13 Es 2358 WCCO-4 MN
14 Es 0002 KAAL-6 MN
0030 KMTV-3 NE
0035 NBC-5
ABC-4
0039 KSNB-4 NE
0042 KQTV-2 MO
15 Tr 2350 WVIT-30 CT
16 Tr 0000 WSEB-36 RI 257
WSBK-38 MA
0010 WWLP-22 MA
WYNE-25 MA t
0015 WGGE-40 MA

Unfortunately, I am working two jobs, and have been missing out on a lot of skip openings. The winter skip season was a total wipeout. At least those late night tropo are still accessible.

My skip logging last fall may not be so unusual after all. Judging by the reports being sent in, the winter skip season and this summer's skip season almost overlap, with skip openings nearly every month. There's been plenty of skip around here, but I miss out on most of it.

Frank Wheeler; 6589 Wattsburg Rd., Erie, PA 16509 EDT

July 1982

25 Es 1002 WWL-4 LA 1005
1230 KDIX-2 ND 1169
1300 KETS-2 AR 929

July 1982

2 Es 1300 WEDU-3 FL 998
Tr 2330 WPSX-3 PA 180
3 Es 2130 KARD-3 KS 953
2230 KGFE-2 ND 917

Archer VU-160; Servo Rotor.

George Rogers; 320 Lafayette Rd., Chickamauga, GA 30707 EDT

Here is my report for this month's Eastern TV-DX. This E-skip season has been my best season ever. In June I had 28 out of 30 days with E-skip and so far in July I had 25 out of 26 days with E-skip including a hi-band E-skip on July 13th. Equipment: RCA 12" portable Model No. AFR-246 W.

June 1982

28 Es 1620 KMID-2 TX 1123
29 Es 1400 KDIX-2 ND 1572
30 Es 1050 KMID-2 TX 1123
1100 KMOL-4 TX 981
1101 KGET-4 TX 1245
1102 KRGV-5 TX 1250
1130 KCBN-6 TX 905
1300 KWGN-2 CO 1317
1305 KCKT-2 KS 984
1310 KNOP-2 NE 1180
1315 TR-2 Cuba 900
1320 TR-5 "
1323 KDIX-2 ND 1572
1335 KQTV-2 MO 843
1350 CKCO-2-2 ON 1023
1400 KUSD-2 SD 1120
1420 KPRY-4 SD 1320
1520 XHRPM-2 CH 1450
1528 XHAO-4 CH "
1955 XHRIO-2 TAM 1245
2050 KPRC-2 TX 784

July 1982

1 Es 1210 XHAO-4 CH 1450
1255 XHGE-5 CAMP 1430
1300 XHRPM-2 CH 1450
1305 XELN-4 COAH 1503

Bill Fahber; continued---

July 1982

28 Tr 0003 WEDW-49 CT
June 1982
13 Tr 0001 WHYY-12 DE
(s/off)
WDPB xltng WWBT-12.
0148 WLFL-22 NC
Raleigh
W25AA xltng WPDE15.
0201 WTVD-11 NC
WPTF-28 NC
Es 1316 ch.2
1325 muf to ch.4

20 Es 1830 WTUV-4 AL 805
21 Es 1600 KPRC-2 TX 1210
1601 WMAB-2 MS 840
1900 WDIQ-2 AL 815
Totals: 283 received;
215 verified
Equipment: 24" Sylvania
1976 color TV. Antenna:

July 1982

8 Es 1300 KPRC-2 TX 1210
1430 KTVY-4 OK 1040
1905 WBRZ-2 LA 1020
11 Es 1930 KGFE-2 ND 917
2200 WCCO-4 MN 682
2230 KLINE-3 NE 973
13 Es 2358 KIMT-3 IA 667
19 Es 0825 KWGN-2 CO 1184
20 Es 1828 KPRC-2 TX 1210

July 1982

1 Es 2135 KOB-4 NM 1320
2140 KAMR-4 TX 1035
2145 KNME-5 NM 1320
Tr 0814 WJSP-28 GA 208
0817 WTVW-7 IN 270
1010 KHQA-7 MO 577
1012 WGEM-10 IL 596
1050 WLTV-38 GA 224
2 Es 0828 KWGN-2 CO 1317
0832 KGET-4 TX 1245
1035 KMID-2 TX 1123
1310 XEPM-2 CHI 1430
1350 WCBS-2 NY 750
1352 WGH-2 MA 995
1355 WNBC-4 NY 750
1405 WLEZ-2 ME 1188
1450 CBFT-2 PQ 1088
2005 CICI-5 ON 1238
2007 WTOM-4 MI 888
2010 CKCO-2-2 ON 1023
2015 CKCY-2 ON 1005
2040 CKPR-2 ON 1348
2100 KGFE-2 ND 1359
2120 KYCU-5 WY 1369
2130 KPCA-2 MN 1008
2220 KOA-4 CO 1317
2225 KCKT-2 KS 984

July 1982

2 Es 2307 KDLO-3 SD 1283
2311 KBME-3 ND 1474
2314 KUSD-2 SD 1120
3 Tr 0910 WMCT-5 TN 322
0930 KATV-7 AR 459
1000 KETS-2 AR "
Es 1203 CKPR-2 ON 1348
4 Es 1106 WCBS-2 NY 750
1110 WGH-2 MA 995
1125 CBFT-2 PQ 1086
1136 WGR-2 NY 794
5 Es 1316 XHRPM-2 CH 1450
6 Es 1405 WGH-2 MA 995
1407 WLEZ-2 ME 1188
1408 WCBS-2 NY 750
1530 KMID-2 TX 1123
1605 KCKT-2 KS 984
1630 KWGN-2 CO 1317
2049 KNOP-2 NE 1180
2057 KDUE-4 NE 1339
2107 KTVW-2 WY 1574
2119 KSNB-4 NE 1060
2234 KOAA-5 CO 1259
2257 XHRIO-2 TAM 1245
5 Es 2334 KPRC-2 TX 784
2336 XEFE-2 TAM 1100
7 Es 1845 XEPM-2 CHI 1

Eastern TV-DX

George Rogers; continued---

September 1982

July 1982
7 Es 2050 XEFE-2 TAM 1100
8 Es 0920 KMOL-4 TX 981
0930 KENS-5 TX "
1010 KPRC-2 TX 784
1012 KGHT-4 TX 1245
1014 KRGV-5 TX 1250
1040 KMID-2 TX 1123
1042 KACB-3 TX 1046
1110 KRIS-6 TX 999
1115 KRIT-3 TX "
1140 KDFW-4 TX 793
1145 KXAS-5 TX 821
1220 KWAB-4 TX 1083
1222 KAMR-4 TX 1036
1225 KTXT-5 TX 1116
1305 KCKT-2 KS 984
1308 KWGN-2 CO 1317
1310 WDAF-4 MO 773
1315 KTV-6 KS 1024
1317 KSNB-4 NE 1060
1318 KCMO-5 MO 773
1319 KWNB-6 NE 1150
1320 KNOP-2 NE 1180
1322 KHAS-5 NE 1072
1325 KMOS-6 MO 745
Sedalia
1330 WQWT-6 NE 987
1335 KOAA-5 CO 1259
1345 KUSD-2 SD 1120
1347 KPRY-4 SD 1320
1350 KXON-5 SD 1160
1355 KPLO-6 SD 1350
1402 KTIV-4 IA 1095
1420 TR-2 Cuba 900
1430 TR-4 "
1510 XEPM-2 CH 1430
1520 KTCA-2 MN 1008
1525 WCCO-4 MN "
1528 KSTP-5 MN "
1545 KGFE-2 ND 1359
1603 CKPR-2 ON 1348
1606 CJIC-5 ON 1005
1710 KOA-4 CO 1317
1720 KRMA-6 CO "
1735 KIVV-5 SD 1455
1828 KDUH-4 NE 1338
1941 KQTV-2 MO 821
2310 KDBC-4 TX 1430
9 Es 0819 KJRH-2 OK 716
1000 XHRPM-2 CHIS 1450
1020 XHAO-4 "
1030 KGHT-4 TX 1245
1100 KRGV-5 TX 1250
1305 XHGR-5 CAMP 1430
1440 ICR-4 Cuba 845
1450 TR-5 Cuba 900
1453 WTVJ-4 FL 776
1959 XHRIO-2 TAM 1245
2005 XHZ-5 QUE 1500
2049 KWGN-2 CO 1317
2050 KOA-4 CO "
2056 KRMA-6 CO "
2110 KMID-2 TX 1123
2115 KAMR-4 TX 1036
2120 KTXT-5 TX 1116
2122 KGAN-2 IA 712
2134 KOAA-5 CO 1259
2136 KAVE-6 NM "
2137 KWAB-4 TX 1083
10 Es 1030 KUSD-2 SD 1120

July 1982
10 Es 1044 KOCO-5 OK 776
1057 XHAO-4 CHIS 1450
1058 KTIV-4 IA 1095
1100 KDUH-4 NE 1339
1102 XHRPM-2 CHIS 1450
1200 KPRC-2 TX 784
1205 KWGN-2 CO 1317
1345 XEPM-2 CHI 1430
2025 CBFT-2 PQ 1086
11 Es 1220 TR-2 Cuba 900
1228 KGRV-4 TX 1245
1230 KRGV-5 TX 1250
1250 KRIS-6 TX 999
1300 XET-6 NL 1281
2020 CKRN-4 PQ 1481
2025 CHAU-5 PQ 1475
2045 CICI-5 ON 1238
2050 WBAY-2 WI 799
2113 KMID-2 TX 1123
12 Es 1105 "
1114 KDBC-4 TX 1425
1115 XEPM-2 CHI 1430
1420 KPRC-2 TX 784
13 Es 0931 "
1050 KMID-2 TX 1123
1105 KTXT-5 TX 1116
1115 KAMR-4 TX 1036
1140 KCRN-6 TX 905
1141 KOB-4 NM 1320
1142 KXAS-5 TX 821
1144 KNME-5 NM 1320
1242 KWGN-2 CO 1317
1243 KOA-4 CO "
1245 KOAA-5 CO 1259
1250 KWNB-6 NE 1150
1258 KYCU-5 WY 1369
1300 KNOP-2 NE 1180
1303 KDUH-4 NE 1339
1315 KUSD-2 SD 1120
1319 KXJB-4 ND 1339
1330 KTCA-2 MN 1008
2010 KMNE-7 NE 1200
Bassett
2050 KGFE-2 ND 1359
2320 CKPR-2 ON 1348
2325 CHFD-4 ON "
2350 CICI-5 ON 1238
0007 CKX-5 MB 1515
0008 KTCA-2 MN 1008
0010 CKCY-2 ON 1005
0020 CKPR-2 ON 1348
2005 XHRPM-2 CHIS 1450
1111 WESH-2 FL 535
1120 ICR-2-2 Cuba 845
1145 WPT-2 FL 776
1535 KCKT-2 KS 984
1537 KTV-4 OK 776
1538 KAMR-4 TX 1036
1539 KXAS-5 TX 821
1540 KAUZ-6 TX 910
1542 KJRH-2 OK 716
1547 KTXT-5 TX 1116
1556 KOCO-5 OK 776
1602 KOTV-6 OK 716
1619 KDFW-4 TX 793
1700 KMID-2 TX 1123
1700 WLBZ-2 ME 1188
17 Es 1300 WGBH-2 MA 995
1800 XHRPM-2 CHIS 1450
1540 WLBZ-2 ME 1188

July 1982
18 Es 1550 CBFT-2 PQ 1086
1632 KGBT-4 TX 1245
1635 KAMR-4 TX 1036
1650 KCKT-2 KS 984
1656 XHZ-5 QUE 1500
1730 KOB-4 NM 1320
1735 KNME-5 NM "
1750 KDBC-4 TX 1425
1800 XEJ-5 CHI 1430
1808 XEPM-2 "
1814 KAVE-6 NM 1259
1830 KMID-2 TX 1123
1840 KTXT-5 TX 1116
2100 KDIX-2 ND 1572
19 Es 0805 "
0810 KIVV-5 SD 1455
0815 KPLO-6 SD 1350
0930 KWGN-2 CO 1317
1100 KOB-4 NM 1320
20 Es 1140 KWGN-2 CO 1317
1145 KOA-4 CO "
1600 XHRPM-2 CHIS 1450
1723 CBFT-2 PQ 1086
1728 CFCM-4 PQ 1244
1838 WTVB-4 NY 794
2030 WLBZ-2 ME 1188
2215 CKCY-2 ON 1005
2300 KGFE-2 ND 1359
2310 KTCA-2 MN 1008
21 Es 1142 KNOP-2 NE 1180
1147 CKPR-2 ON 1348
1220 CHFD-4 ON "
1240 CICI-5 ON 1238
1245 CKCY-2 ON 1005
1331 CKCO-2-2 ON 102
1340 CKGN-2-2 ON 115
1353 CFCL-3-2 ON 135
1416 KWGN-2 CO 1317
1620 KUSD-2 SD 1120
1757 CBFT-2 PQ 1086
1801 WLBZ-2 ME 1188
1802 KOAA-5 CO 1259
1806 KIVV-5 SD 1455
1836 WOI-5 IA 866
1840 CHNB-4 ON 1226
1910 KPRC-2 TX 784
2000 KQTV-2 MO 843
2005 KSNB-4 NE 1060
2015 CHRO-5 ON 1152
2020 WTVB-4 NY 794
2025 WPTZ-5 NY 1055
2048 WBAY-2 WI 799
2050 WROM-4 MI 888
2052 WFRV-5 WI 799
2120 KHAS-5 NE 1072
2130 KXON-5 SD 1160
2132 KFYR-5 ND 1472
2137 KWNB-6 NE 1150
2146 KSTP-5 MN 1008
2150 WQWT-6 NE 987
2152 KTIV-4 IA 1095
2154 KPRY-4 SD 1320
2300 KCKT-2 KS 984
2322 KJRH-2 OK 716
22 Es 1145 WORA-5 PR 1650
1245 TR-5 Cuba 900
1255 KGBT-4 TX 1245
1300 XHAO-4 CHIS 1450
1305 XHRPM-2 " "

Eastern TV DX

George Rogers; continued---

September 1982

July 1982
22 Es 1840 KNOP-2 NE 1180
1916 KWGN-2 CO 1317
1917 KOA-4 CO "
1918 KSNB-4 NE 1065
2000 KTXT-5 TX 1116
2025 KCKT-2 KS 984
2112 KPRC-2 TX 784
2127 XHRIO-2 TAM 1245
23 Es 1120 CKPR-2 ON 1348
1145 WBAY-2 WI 799
1255 KTCA-2 MN 1008
1308 KTWO-2 WY 1574
1312 KQTV-2 MO 843
1327 KNOP-2 NE 1180
1332 KUSD-2 SD 1120
1420 WGR-2 NY 794
1635 KCKT-2 KS 984
1700 KWGN-2 CO 1317
1701 KOA-4 CO "
1730 XEPM-2 CHI 1430
2023 XHRPM-2 CHIS 1450
2200 KMID-2 TX 1123
24 Es 1040 XHAO-4 CHIS 1450
1045 ICR-2-2 Cuba 845
1120 XEW-2 DF 1850

July 1982
24 Es 1202 KCKT-2 KS 984
1249 WBAY-2 WI 799
1250 KTCA-2 MN 1008
1258 KUSD-2 SD 1120
1357 CBFT-2 PQ 1086
1405 WLBZ-2 ME 1188
1421 CFCM-4 PQ 1244
1455 CKCO-2-2 ON 1023
1605 KMTV-3 NE 987
1610 KXON-5 SD 1160
1615 KPRY-4 SD 1320
1620 KTIV-4 IA 1095
1630 KWGN-2 CO 1317
1935 KOAA-5 CO 1259
1945 KTWO-2 WY 1574
1950 KOA-4 CO 1317
1952 KDUH-4 NE 1339
1953 KYCU-5 WY 1369
1955 KTXT-5 TX 1116
1956 KAMR-4 TX 1036
2000 KRMA-6 CO 1317
2005 KTVS-3 CO 1295
2055 KMID-2 TX 1123
2100 XEPM-2 CHI 1430
2115 KDBC-4 TX 1425

July 1982
26 Es 1520 CKCO-2-2 1025
1543 WBAY-2 WI 799
1550 WTCM-4 MI 888
1555 CFCL-6 ON 1336
1605 CFCY-2 ON 1005
1607 CJIC-5 ON "
1635 CKPR-2 ON 1348
1636 CHFD-4 ON "
1637 WFRV-5 WI 799
1645 WTMJ-4 WI 686
1650 KBJR-6 MN 1163
1652 KDLH-3 MN "
1702 KTCA-2 MN 1008
1705 KSTP-5 MN "
1707 WCCO-4 MN "
1735 KUSD-2 SD 1120
1750 KXON-5 SD 1160
1805 KGFE-2 ND 1359
1810 KXJB-4 ND 1339
1815 KFYR-5 ND 1472
1820 KDUH-4 NE 1338
1830 KWGN-2 CO 1317
1832 WOI-5 IA 866
1900 KOAA-5 CO 1259
2110 KTWO-2 WY 1574
KIVV-5 SD 1455

Totak stations to date, 551. The high band skip on July 13th was good and was my second high band skip ever. As of July 26th here is the top twenty TV E-skip TV stations:

- KMID-2 - 36 times
KWGN-2 - 36 "
KUSD-2 - 21 "
KOA-4 - 19 "
XHAO-4 - 19 2
KPRC-2 - 18 times
XHRPM-2 - 18 "
KTCA-2 - 18 "
KNOP-2 - 17 "
WLBZ-2 - 16 "
KCKT-2 - 15 times
KOAA-5 - 15 "
CKPR-2 - 15 "
XEPM-2 - 15 "
KAMR-4 - 11 "
KGHT-4 - 13 times
KGFE-2 - 13 "
KDBC-4 - 12 "
WGBH-2 - 11 "
KJRH-4 - 11 "
KTXT-5 - 11 "

Honorable mention each with 10 times logged - CKCY-2, KXON-5, KRGV-5.

My top twenty list is based on my TV-DXing via E-skip. It is my personal poll to determine the No. 1 E-skip in the country. I'm still collecting various TV Guides from around the U.S. and Canada and I would like all the fellow WTPDA members around the country to please send those TV Guides to me because I'm using the station ads for a logo mural that I will hang on my wall. Remember, in 1982 TV-DX will come thru!

Paul Gainers 15920 Puritan, Detroit, MI 48227 EST-EDT

August 1981
12 Tr WNGE-2, WAND-17, WICD-15.
13 Tr 2314 WAND-17 IL 340
2315 WICD-15 IL 305
2323 WILL-12 IL "
2333 WUSI-16 IL 355
2357 WBAK-38 IN 290
2358 KETC-9 MO 450
14 Tr 0006 KINL-30 MO "
0016 KFVS-12 MO 475
0156 WTV-17 IL 300
0157 WQRF-39 IL "
0210 WREX-13 IL "
0224 WFWO-2 IN 290
0237 WMTV-15 WI 315
0239 WISC-3 WI "
2103 WICD-15 IL 305
2106 WUSI-16 IL 355
2109 WBAK-38 IN 290
2115 WILL-12 IL 305
2117 WTHI-10 IN 290
2122 W4AK OH 125
2130 W46AB NY 180
2201 WKPC-15 KY 310
August 1981
14 Tr 2204 WLEX-18 KY 305
2227 WKZT-23 KY 345
15 Tr WTIU-30, WKYT-27, WLKY-32, WAVE-3, WHAS-11.
17 Tr 2159 WAND-17 IL 340
18 Tr 0008 WICD-15 IL 305
0011 KTVH-12 KS 815
Hutchinson
0116 WKOW-19 WI 410
La Crosse
0243 CKNC-9 ON 300
0824 WLEX-18, WKYT-27, WTVQ-36, WTV-17, W39AA, WLKY-32.
19 Tr 0843 WLKY-32, WTVQ-36, WAND-17, WILL-12, WQRF-39, WTV-17, WICD-15.
2300 U.S. station running WA-- on TV32 Windsor, ON.
20 Tr 0110 TVO tp on ch.60.
0901 WAND-17, WICD-15.
2154 W58AM (WNEO) OH 150 Youngstown
August 1981
21 Tr W26AA, W64AF, W46-AB, WAND-17, WPNE-38, WKOW-27, WMTV-15, WTV-17, WQRF-39, W58AM, W67AL.
22 Tr 2129 WKPC-15, W47-AB.
6-22-81 Es 0500 CJCN-4 NF Grand Falls
23 Tr W17AA, W64AK, W47-AB, WAND-17, WICD.
26 Tr WTVQ-36, WLKY-32 CKNC-9, W17AA, W47AB, W64AK, W67AL
27 Tr 0440 CHRO-5 ON Pembroke - 380mi W46AB, W64AK, W26AA W47AB, W58AM.
31 Tr WAND-17, W39AA, W47AB.
September 1981
3 WREX-13, WTV-17, WBAY-2, CKSO-5, etc., etc.

Because of the length of Paul's report, I'm going to eliminate everything under 400 mi from here on unless it's a new station.-wd.

October 1981

14 Tr 0604 W58--(WNEB)

November 1981

4 Tr 0328 WLRB-26 WI 275

14 Tr 0604 CKCO-11 ON 280

15 0858 TWO 1.d. seen on ch.16-then WPTD gave their double 1.d.

January 1982

1 Es 1740 WLET-3 MS 790  
1800 KATC-3 LA 970  
KFDX-3 TX 1000  
1805 WRAR-3 FL 870

Verification card received from CEWFT-3 from 8-8-81 logging.

April 1982

14 Tr 2115 WDMA-17 MI 125

Grand Rapids

June 1982

8 Es 1145 WEDU-3 FL 1000

1215 WRAR-3 FL 870

1307 KTVC-6 KS 930

10 Tr 2141 W0AC-67 OH 145

13 Es 2158 WEDU-3 FL 1000

2307 CEWFT-3 MB 840

14 Es 0701 CHHT-3 MS 970

0731 CFBPTL-5 NB 845

0950 Cuba-3 1390

15 Es 2055 KTVC-3 CO 1025

June 1982

15 Es 2056 KLNE-3 NE 860

2120 KYCU-5 WY 1090

0523 WNGE-2 TN 475

Es 2125 WPTV-5 FL 1110

2130 KRMA-6 CO 1125

2134 WCIX-6 FL 1170

2136 KOAA-5 CO 1145

2158 KTVC-6 KS 930

2159 WKRG-5 AL 855

2300 KYCU-5 WY 1090

2346 KTVC-3 CO 1025

18 Es 0110 KOTA-3 SD 995

0125 KIVV-5 SD 1025

26 Es 1240 KOCO-5 OK 995

1300 KFTM-6 TX 1040

1400 KYCU-5 WY 1090

1401 KOAA-5 CO 1145

1425 KOTA-3 SD 995

1438 KPLO-6 SD 830

1443 KIVV-5 SD 1025

1500 KEME-3 ND 905

27 Tr 2220 WTLW-44 OH 120

Lima

2335 WKOI-43 IN 195

19 Es 2027 KARD-3 KS 810

2036 KREX-3 TX 1070

20 Es 1501 KIII-3 TX 1280

2126 KATC-3 LA 970

2134 KENS-5 TX 1220

22 Es 1123 KREX-3 TX 1070

1200 KIII-3 TX 1280

25 Es 1205 Cuba-3 1390

1209 WEDU-3 FL 1000

1225 WPTV-5 FL 1110

1226 WCIX-6 FL 1170

1359 KFDX-3 TX 1000

1400 KATC-3 LA 970

June 1982

26 Es 1011 WEDU-3 FL 1000

1100 CEHT-3 NS 970

1115 WDSU-6 LA 940

1140 WKRG-5 AL 855

1231 KCEY-6 TX 1090

30 Es 1300 KLNE-3 NE 860

July 1982

1 Es 1015 KIII-3 TX 1280

8 Es 0215 KOET-3 OK 820

0250 KFDX-3 TX 1000

0258 WDSU-6 LA 940

0301 WKRG-5 AL 855

0328 WRAR-3 FL 870

9 Tr 0331 WFTM-66 IL 255

Joliet(Chicago)

0340 KWWL-7 IA 450

0341 KCRG-9 IA 415

0916 WRRS-60 IL 265

11 Es 2045 WFSB-3 CT 530

Aurora(Chicago)

2059 KEME-3 ND 905

2100 WSTM-3 NY 350

Syracuse

13 Es 2355 KLNE-3 NE 860

14 Es 0027 KARD-3 KS 810

20 Es 2020 CJRT-3 PQ 815

Rimouski

21 Es 0130 KOTA-3 SD 995

0200 KYCU-5 WY 1090

0230 KWGN-2 CO 1125

0356 CKCK-2 SK 1150

1458 WRAR-3 FL 870

1532 KREX-3 TX 1070

2130 KOCO-5 OK 995

22 Es 0224 KWGN-2 CO 1125

24 Es 1225 Cuba-3 1390

1235 WCIX-6 FL 1170

1240 WPTV-5 FL 1110

1256 WEDU-3 FL 1000

June 1982

7 Tr 0300 WFAA-8 TX 660

Dallas

Es 1800 WCML-6 MI 990

Alpena

WFRV-5 WI 950

8 Tr 0440 WTVF-5 TN 350

0530 WNGE-2 TN "

0538 WHNT-19 AL 250

0637 KNEN-33 TX 660

Dallas

Es 0931 KUSD-2 SD 1050

1000 KXDA-2 PA 730

9 Tr 0138 KVTU-13 TX 880

Laredo

0154 KSAT-12 TX 780

San Antonio

0207 KERA-13 TX 660

Dallas

0244 KTBC-7 TX 730

Austin

0300 WFAA-8 TX 660

KXTA-21 TX "

0508 KPRC-2 TX 590

0517 KTW-29 AR 590

Fayetteville

0520 KTBS-3 LA 480

0526 KMTC-27 MO 600

Springfield

0550 KRIV-26 TX 590

0530 KXAS-5 TX 660

Ft. Worth

0535 KHTV-39 TX 590

0545 KPLC-7 LA 460

KSLA-12 LA 480

June 1982

9 Tr 0600 KTVV-36 TX 730

0606 KVUE-24 TX "

0618 KTWS-27 TX 660

0620 WMAU-17 MS 280

0630 KXTX-39 TX 660

0641 KFTS-24 LA 480

Shreveport

10 Tr 0137 WLRN-17 FL 530

0140 WKID-51 FL 530

0200 WHFT-45 FL 500

0208 WCCT-7 FL "

0430 WCPX-6 FL 330

(ex-WDBO)

0434 WESH-2 FL "

0533 WIYE-55 FL 470

12 Es 0148 CKGN-2 ON 1070

Bancroft

0204 CBFT-2 PQ 1200

13 Es 2336 WLEZ-2 ME 1350

Bangor

14 Es 0800 CKOO-2 ON 1000

0900 WGH-2 MA 1150

Boston

0935 2,3,5 from Cuba

700 mi.

15 Es 1630 KAAL-6 MN 960

1700 KSTP-5 MN 1050

KDLO-3 SD 1160

Florence

1730 WDAY-6 ND 1200

Fargo

KMTV-3 NE 920

Omaha

18 Es 1100 KAVE-6 NM 1100

Carlsbad

June 1982

18 Es 1100 KMID-2 TX 960

KENW-3 NM 1050

1200 XEJ-5 CH 1250

Ciudad Juarez

KACB-3 TX 880

San Angelo

1230 XEPM-2 CH 1250

Ciudad Juarez

1100 WCML-6 MI 990

WLUC-6 MI 1080

Marquette

July 1982

8 Es 1300 KTCA-2 MN 1050

KSTP-5 MN "

1700 KSRE-6 ND 1460

Minot

1800 WEAY-2 WI 950

9 Es 1630 WRBT-33 LA 320

Es 1918 KENS-5 TX 780

1930 KETX-3 TX 650

Bryan

1230 KENW-3 NM 1050

1300 KMID-2 TX 960

1230 KCEN-6 TX 690

Temple

KMID-2 TX 960

1400 WRD-2 NY 920

12 Tr 0143 WFBC-4 SC 320

Greenville

16 Es 1632 KHAS-5 NE 970

Hastings

18 Es 1900 KOAA-5 CO 1180

Pueblo

KRMA-6 CO 1250

21 Es 1700 CKVR-3 ON 990

WGR-2 NY 920

2330-2358 KMTV, KHAS, KOAA.

Total loffed at this location as of 29 July '82 is 307. Not bad for only a year and a half. Of the 307, 252 color photos and 120 qsl's. Es has been a lot more frequent this summer. Tropo has dropped off due to late afternoon early evening thunder showers.

Steve Sprachman; 3939 Eve Drive, Seaford, NY 11783 EDT

July has to rate as one of the best months for DX in this area. There was tropo or Es almost each day of the month. The month ended with the WTFDA convention in Staten Island.

Jerry Pulice did a great job at the convention, even though there were several problems (which I sure some one else will go into). This was my first convention, and it was great meeting some of the people behind the names in the VUD. I spoke with Bill Fahber about new TV stations, Tom Yingling about qsl'ing PSB stations, Philip Sullivan about STV and the New York group of TV DXers Robert Goodman and Eric Fader about local conditions. Several members, including Bill Grant, Marvin Shults and Bob Seybold had brought their I.D. slides, pictures, which may start me on a new facet of the DX hobby. It was interesting to see how people got together to discuss their various interests. Paul Mount brought an oversized radio and several of the FMers gathered to see if there was any tropo. Bill Grant brought video tapes of the stations he's received with great interest. Unfortunately, the technical stuff was a little above my head. Other than that, I had a great time and I hope to meet my fellow DXers in the near future. I would say that every one had a great time.

Now for my report: Days with tropo - June 30, July 5,6,7,8,9,10,12,13,14,15,16,17,18,19,20,22,23,25,26,27,30. Days with Es - June 28, July 2,11,21,22,27.

Highlights: July 6 Tr 0645-0700 - UHF from Boston to Baltimore, including all Eastern Pa. stations. 1900-2200 - U's from Boston to Philadelphia. July 10 Tr 2000-2200 U's from Philly and Eastern Pa. including WFMZ-69, Allentown. Es - 2000 CICI-3 (I think it was CITO-3 Timmins. The announcement was "CICI,

Michael P. Hollis; 102 Star St., Enterprise, AL CDT

April 1982

12 Tr 2100 KUHT-8 TX 590

KHTV-39 TX "

KRIV-26 TX "

KHOU-11 TX "

KTVV-36 TX 730

KVEO-23 TX 810

2200 KNCT-46 TX 700

KEDT-16 TX 750

13 Tr 2100 KLEN-9 TX 780

San Antonio

2130 KVUE-24 TX 730

KTVV-36 TX "

KVEO-23 TX 810

2150 KWEX-41 TX 780

22 Tr 2130 WGYA-24 GA 170

Macon

May 1982

3 Es KRIS-6 TX 750@0924



Eastern TV-DX Steve Sprachman; continued--- September 1982  
 cable 4<sup>th</sup>. There is also a CICI-1 on channel 3. Does any one have any ideas?  
 (You were probably watching CICI-1-3 in Elliot Lake.-wd) CICI was seen on the  
 11th. 12th Tr 2100 UHF from Boston to Philly. 14th Tr 1830-223 U's from  
 Boston to Philly + Eastern Pa. and 20,26,32 from Washington, D.C. 15th Tr  
 0630-0730 Mass. to Eastern Pa. U's. 18th Tr 0900-1000 Philly + Eastern Pa.  
 U's including WTVE-51, Reading and WGBB-49 Red Lion, 16,28 from Salisbury, MD.  
 Ch.45 from Baltimore; 20,26,32,50 from D.C. and finally, WTKK-66 Manassas, VA.  
 (seen with an I.D.1). 21st Es 2200 KOET-3 Okla.; 22nd Es ---at 2230;  
 CHHT-3 Halifax, NS, CBC - Is this Es or Tropo? (It could be either but only you  
 can tell what it is; what did it look like?-wd) It is close at just over 500  
 miles. This is either my farthest tropo or closest Es. I did get several ex-  
 planations as to why it could be either at the convention. Since I do not  
 count by mode, just the I.D., I guess it doesn't matter.

One final thing. There are no listings for WWAC-53 Atlantic City, NJ as it  
 seems they are the latest casualty to the poor economic conditions. Also, WFTI  
 -54 has greatly reduced its broadcast schedule. I think a lot of owners of  
 new stations and C.P.'s have over extended themselves and I would expect more  
 stations to go dark or not go on the air at all before the economy improves.

That's it for now. Hopefully every one is having (or has had) as great a sum-  
 mer as I've had.

Christopher Hanley; 1125 Bolton St., Winston Salem, NC 27103 EST-EDT?  
 (Dear Editor: If this arrives over, or even close to the deadline, go ahead  
 and push it back to the Sept. or even Oct. issue; it's not a superblockbuster  
 report.) (Every report is important regardless of its size. It arrived a little  
 late but I think I'll get it in.-wd)

I got the chance to go on vacation to Kitty Hawk, NC in late July and found  
 conditions very good for TV DXing. Since I hope to go back soon, I've started  
 a separate K.H. log. No sign of WLXI-61 Greensboro yet; they said they hope  
 to be on the air this summer. Log totals are 80 for Winston-Salem, and 22,  
 including 2 via cable, in Kitty Hawk. Both log totals include locals of course.  
 (All of the following loggings are new.-wd)

From Winston-Salem:  
June 1982 July 1982  
 17 Tr 2205 WITV-7 SC 225 15 Es 2000 WSTM-3 NY 527 22 Es 0027 KTVY-4 OK 961  
 (shortest Es ever)

From Kitty Hawk:  
July 1982 July 1982  
 25 Tr 2129 WNCT-9 NC 98 26 Tr 0135 WTVB-11 NC 180 27 Tr 2342 WTVB-11 NC t  
 26 Tr 0028 WPDE-15 SC 261 0323 WSOC-9 NC 294 WCTI-12 NC 102  
 (via CATV after WORO s/off)(via CATV after WNCT s/off) 2344 WCFB-28 MD 144  
 0050 WMDT-47 MD 144 27 Tr 2338 WUNC-4 NC 188 2345 WCVB-23 VA 141  
 0107 WBOC-16 MD " 2340 WRAL-5 NC 165 2356 WJEX-8 VA "  
 0120 WHTT-12 VA 141 WBCT-6 NC 181 28 Tr 0002 WPTF-28 NC 165

Robert S. Ross; VE3JFC, Box 4373, Stn. C, London, ON N5W 5J2 EDT  
July 1982 July 1982 July 1982  
 5 Gw 0705 WGR-2 NY 130 14 Tr 0238 Tr WEYI-25 MI 140 20 Tr 0011 WIHT-31 MI 140  
 0710 WCLQ-61 OH 120 0243 WAKR-23 OH 150 Tr 0515 WILX-10 MI 125  
 0712 WTVS-56 MI " 0245 WTOL-11 OH " 0525 WTVG-13 OH 150  
 0714 WKBD-50 MI " 0250 WANE-15 IN 250 Es 1829 Unided ch.2  
 8 Es 1325 KPRC-2 TX 1200 19 Tr 2355 W18-- MI 21 Tr 0553 WTRF-7 WV 200

Thomas J. Yingling, Jr.; 221 Pinewood Rd., Baltimore, MD EST-EDT  
February 1982 February 1982 May 1982  
 4 Tr 1830 WENY-36 NY 15 Tr 0000-0230 3 Tr 2358 WAAT-40 NJ  
 1845 WHAG-25 MD WTVZ-33 VA, WNJT-52 NJ 4 Tr 0010 W63AM VA  
 1900 WITF-33 PA WNJB-58 NJ, WYAH-27 VA 0015 W60AL VA  
 14 Tr 2100 - 2400 0018 W4LAC VA  
 WWAC-53 NJ, WWSG-57 PA, April 1982 0020 W56BB VA  
 WRLB-65 NJ, WYAF-29 PA, 20 Tr 2000 WIPB-40 DE Tanger  
 WPHL-17 PA, WKBS-48 NJ, Seafood 0030 WWAC-53 NJ  
 WMDT-47 MD, W25AA VA, 2100 WGCB-49 PA 5 Tr 2300 WRLH-35 VA  
 WBOC-16 MD, WAAT-40 NJ, 2130 WTVZ-33 VA Richmond  
 WLVI-39 PA, W6HAS DE. 2315 WVIR-29 VA  
 15 Tr 0000 - 0230 May 1982 2330 WYAH-27 VA  
 24 WVIR-29 VA, WPTF-28 NC, 3 Tr 2348 WYAH-27 VA 2358 WHAG-25 MD

Eastern TV-DX Tom Yingling; continued--- September 1982  
May 1982 June 1982 July 1982  
 5 Tr 2359 WNJS-23 NJ 15 Es 1900 KYTV-3 MO  
 6 Tr 0010 WWPB-65 NJ KARD-3 KS  
 0013 WYAH-27 VA KLNE-3 NE  
 0020 W63AM VA to KTBS-3 LA  
 W58AK VA WOI-5 IA  
 W4LAC VA (rare)  
 W52AB VA 2130 WDAF-4 MO  
 0030 WTVU-59 CT 17 Es 2000 Cuba ch.3  
 Waterbury 2020 WNL-4 LA  
 0100 WSNL-67 NY 2030 KATC-3 LA  
 Smithtown 2045 WDSU-6 LA  
 0102 W60AI NY 28 Gw 1700 WNUV-54 MD  
 0105 WHTT-68 NJ Baltimore  
 Newark (1st day STV)  
 0110 WHRO-15 VA  
 8 Tr 0100 - 0230 July 1982  
 WSEK-38 MA, WKNE-25 MA, 7 Tr 0003 WQTV-68 MA  
 WLVI-56 MA, WSNL-67 NY, (over WHTT)  
 WHTT-68 NJ, WQTV-68 MA, 0020 WSNL-67 NY  
 WNJU-47 NJ, (over WMDT); 0030 WDAU-22 PA  
 WXTV-41 NJ, WGBB-40 MA 0100 WNEP-16 PA  
 Springfield, WPIX-11 NY, 11 Es 0800 muf to 93.7  
 WSMW-27 MA (rare), 12 Tr 2300 WEDW-49 CT  
 WTX-20 CT Waterbury, WNJU-47 NJ  
 WOR-9 NY, WCBS-2 NY, WXTV-41 NY  
 15 Es 2000 - 2200 W35AB PA  
 WCBI-4 MS, WCIX-6 FL, WNJS-23 NJ  
 WEAR-3 FL, WEDU-3 FL, WSEK-38 MA  
 WTVJ-4 FL, Cuba-3 & 6 to W60AI NY  
 both with same prog. WWHT-68 NJ  
 21 Tr 1500 WTKK-66 VA WFMZ-69 PA  
 24 Tr 2300 WRLH-35 VA 2400 WNEW-5 NY  
 2305 WWAC-53 NJ 14 Es 1201 KSTP-5 MN  
 WTVR-6 VA 1230 KHAS-5 NE  
 WJEX-8 VA Tr 2200 - 2400  
 WWHT-12 VA WSEE-36 RI, WSBK-38 MA,  
 WYAH-27 VA WNYC-31 NY, WKNE-25 MA,  
 W25AA VA WTX-20 CT, WEDW-49 CT,  
 WFMZ-69 PA WLVI-56 MA, WNEC-4 NY,  
 WTX-20 CT WWHT-68 NJ, WNEW-5 NY,  
 WFTI-54 NY WGTR-66 t, WCONY-24 NY, 27 Tr  
 WEDN-53 CT, WFTI-54 NY. 0600 W62AU PA York

Boy, was I surprised to get Chicago again. Both loggings were relogs, but what  
 a relog. I called up Steve West to get him on the tropo, but I think he had  
 no luck like I did. I had a good time at the Staten Island convention. There  
 was a lot of first timers in NY and I met alot of new faces from the member-  
 ship. My mystery logging of WGTR-66 may be a translator. If the one in NYC  
 is still on the air. Does anybody know for sure? WABC-7?

William J. Draeb; Ellis St. R.#2, Kewaunee, WI 54216 CDT  
June 1982 July 1982 July 1982  
 19 Es 2000 KPRC-2 TX 1118 20 Es 2045 KETS-2 AR t 2 Es 1930 WDIQ-2 AL 925  
 KHFZ-3 TX 1079 2057 WMAB-2 MS t 2026 KETX-3 TX 1079  
 KDFW-4 TX t 2120 Unideds on 2100 KPRC-2 TX 1118  
 KMOL-4 TX t 2-4 to west. 2200 WBRZ-2 LA 1002  
 20 Es 1815 WESH-2 FL t 21 Es 1900 CHSJ-4 NB 1085 KATC-3 LA 1026  
 1900 WJXT-4 FL t WLEZ-2 ME t 2220 KJAC-4 TX 1080  
 1955 WKRG-5 AL t 1935 WFSB-3 CT 767 2229 KTBS-3 LA 910  
 WEAR-3 FL t WBL-4 MA 840 2258 KDFW-4 TX t  
 WEDU-3 FL t WGH-2 MA " 2305 KMID-2 TX t  
 WTVY-4 AL t WCVB-5 MA " 4 Es 2043 Unided-2; S.  
 25 Es 1728 KID-3 ID 1214 5 Tr 0630 WSEE-35 PA 405  
 WCTV-6 GA t KTWO-2 WY 947 WJET-24 PA "  
 2005 KDFW-4 TX 957 26 Es A.M. no time to watch. WUTV-29 NY 445  
 (weather bulletin for Ellis County) 27 Tr 1954 WUTV-29 NY 445 0713 WKMR-38 KY 487  
 27 Tr 0450 CKGN-6 ON (Paris) WSVN-47 VA 587  
 28 Tr 2141 WTLW-44 OH 311 WPEY-33 WV 498  
 Lima WSFJ-52 OH 395  
 29 Tr 1825 WCET-48 OH 400 0754 WFIE-14 IN 420  
 2030 KPRC-2 TX t WEHT-25 IN "  
 KATC-3 LA t 1930 CMA-Ub on r 25



# VHF UTILITY DX

Donald L. Blevins  
499 Monterey Avenue  
Odenton, MD 21113  
301-551-8623

## VHF UTILITY DX

August 1982

VHF UTILITY DX....This month's feature will feature the bang-up skip that occurred on the dates indicated below. I would prefer to report your DX! I need your contributions, won't you please help?

Donald L. Blevins 499 Monterey Avenue Odenton, MD 21113/Bearcat 210 18" whip

Date	Freq	Call	Location	Agency
<u>7-14-82</u>				
0010	42.38	KSD 246	Elmwood City, WS	Wisconsin State Patrol
0011	42.38	RMB 227	Tomah, WS	Wisconsin State Patrol
0012	42.38	KSA 532	Baraboo, WS	Wisconsin State Patrol
0019	42.38	KBE 609	Deerfield, WS	Wisconsin State Patrol
0022	42.38	KSB 244	Chilton, WS	Wisconsin State Patrol
0041	42.60	KSB 230	Joliet, IL	Illinois State Police
0042	42.56	KSB 242	Chicago, IL	Illinois State Police
0043	42.46	KAB 308	Omaha, NE	Nebraska State Patrol
<u>7-16-82</u>				
1615	45.06	KIK 502	Arcadia, FL	Florida Highway Patrol
1646	42.06	KAA 243	Springfield, MO	Missouri Highway Patrol
1651	44.98	EJE 260	Independence, KS	Kansas Highway Patrol
1652	44.98	KFZ 915	Wichita, KS	Kansas Highway Patrol
1653	44.70	KKC 881	Pawnee, OK	Oklahoma Highway Patrol
1657	44.70	KVP 598	Muskogee, OK	Oklahoma Highway Patrol
<u>7-20-82</u>				
1934	42.06		Sudbury, ON	Ontario Provincial Police
1934	42.06		Porcupine, ON	Ontario Provincial Police
1934	42.06		Gowgama, ON	Ontario Provincial Police
1936	33.90	KBZ 283	Guilford, NH	Lakes Region Fire
1946	33.90	KFV 836	Ashland, NH	Ashland Fire Assoc
2000	33.90	KDA 383	Milford, NH	Milford Fire Department
2012	42.06		Kirkland Lake, ON	Ontario Provincial Police
2014	33.70	KCD 511	Camden, ME	Camden Fire Department
2012	42.06		Kapuskaing, ON	Ontario Provincial Police
2008	42.06		Wallace, ON	Ontario Provincial Police
2048	42.06		Cochrane, ON	Ontario Provincial Police
2048	42.06		Temagami, ON	Ontario Provincial Police
2048	42.06		Thunder Bay, ON	Ontario Provincial Police
2051	42.06		Haileybury, ON	Ontario Provincial Police
2114	42.06		Pembroke, ON	Ontario Provincial Police
2156	42.06		Marathon, ON	Ontario Provincial Police
2156	42.06		White River, ON	Ontario Provincial Police
2213	39.90	KAG 733	Clay Center, NE	Clay County Sheriff
2215	39.90	KAI 961	Kearney, NE	Police Department
2248	39.82	KBT 457	Sault Ste Marie, MI	Chippewa County Sheriff
2315	42.54	KAJ 780	Duluth, MN	Minnesota State Patrol
2339	42.50	KAE 844	Virginia, MN	Minnesota State Patrol
<u>7-21-82</u>				
1654	39.46	KAA 555	Coffeyville, KS	Montgomery County Sheriff
1654	39.46	KAB 271	Great Bend, KS	Police Department
1800	44.62	KLO 265	Jonesboro, AR	Arkansas State Police
1802	42.12	KAA 522	Willow Springs, MO	Missouri Highway Patrol
1802	39.50	KSD 269	Metropolis, IL	Massac County Sheriff
1802	44.62	KKC 283	Harrison, AR	Arkansas State Police
1814	37.06	KKH 300	Bentonville, AR	Benton County Sheriff
1819	44.74	KKC 232	Forrest City, AR	Arkansas State Police
1821	44.70	KKC 588	Tulsa, OK	Oklahoma Highway Patrol
1829	44.74	KKC 729	Clarksville, AR	Arkansas State Police
2113	44.70	KKC 884	Durant, OK	Oklahoma Highway Patrol
2123	37.28	KFT 573	Marshall, AR	Searcy County Sheriff
2123	44.70	KKC 888	Lawton, OK	Oklahoma Highway Patrol
2126	37.04	KZJ 900	Clarendon, AR	Monroe County Sheriff

## Blevins (continued)

<u>7-21-82</u>				
2247	44.74	KAN 646	Hot Springs, AR	Arkansas State Police
2323	37.24	JP 477	Conway, AR	Police Department
2324	37.24	KYL 647	Dermott, AR	Police Department
2324	37.24	KDY 432	Mc Gehee, AR	Police Department
<u>7-22-82</u>				
0901	42.12	KSR 937	High Ridge, MO	Missouri Highway Patrol
<u>7-22-82</u>				
0952	46.06	KDD 961	Melrose, MA	Fire Department
1022	42.50	ILZ 397	St. Cloud, MN	Minnesota State Patrol
1036	39.46	KSE 450	Louisville, IL	Clay County Sheriff
1036	39.46	KSB 236	Effingham, IL	Illinois State Police
1036	44.94	KDD 947	Garden City, KS	Kansas Highway Patrol
1059	42.34	KSB 231	Crestwood, IL	Illinois State Police
1106	44.98	KAA 471	Horton, KS	Kansas Highway Patrol
1112	39.46	KSG 394	Mount Sterling, IL	Brown County Sheriff
1113	39.46	KFM 399	Nashville, IL	Washington County Sheriff
1113	39.46	KSA 332	Jacksonville, IL	Morgan County Sheriff
1117	42.38	KSG 686	Blue Mounds, WI	Wisconsin State Patrol
1120	44.94	KQB 356	Findlay, OH	Ohio State Patrol
1125	42.64	KAE 844	Virginia, MN	Minnesota State Patrol

Thomas J. Yingling, Jr 221 Pinewood Road Baltimore, MD 1/4 wave ground plane

<u>5-5-82</u>				
1130	39.58	KJP 293	Yates Center, MS	Woodson County Sheriff
1205	39.58	KAK 360	Wellington, KS	Sumner County Sheriff
<u>5-10-82</u>				
2010	37.14	KEM 826	Springdale, AR	Carroll County Sheriff
2015	37.24	KVD 524	Berryville, AR	Police Department
2040	39.58	KAA 977	Newton, KS	Police Department
2045	39.58	KAE 695	Atchison, KS	Atchison County Sheriff
2154	39.58	KDV 208	Junction City, KS	Geary County Sheriff
2306	39.58	KAD 731	Cottonwood, KS	Chase County Sheriff
2345	45.42	KBD 685	Poplarville, MS	Pearl River County Sheriff

Hank Holbrook 7211 Chestnut Street Chevy Chase, MD 20815

<u>5-29-82</u>				
0237	156.80	WYF 4547	Bloody Point, MD	Vessel: Wasp
1750	156.80	SDZA	Chesapeake Bridge, MD	Vessel: Atlantic Cinderella
<u>5-31-82</u>				
0029	157.25	HPVN	Annapolis, MD	Vessel: Fjord Bridge
1345	157.30	6ZIT	Annapolis, MD	Vessel: Panamax Mercury
<u>6-19-82</u>				
1230	119.0	N1309T	Baltimore, MD	New York Air
1234	119.0	N9430V	Baltimore, MD	Washington Aero Club
<u>6-20-82</u>				
1526	156.80	WXN 3342	Tilghman Island, MD	Vessel: Ping
1526	156.425	WXN 3342	Tilghman Island, MD	Vessel: Ping
1539	156.80	WSZ 3503	Selby Bay, MD	Vessel: Scotory III



ASK DCN....A new added feature of VHF Utility DX, designed to better inform the PSB DX'er by answering the questions about basic principals of public service communications. I would like to hear from you should you have any unanswered questions.

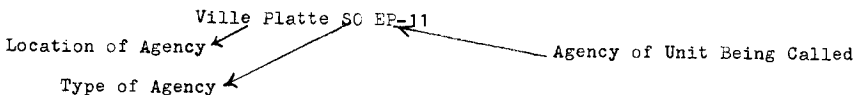
**Question:** I very frequently monitor West Virginia State Police in Romney, WV on 42.10 mhz...my question is this: When Romney calls Maryland State Police at Hagerstown I never hear Hagerstown call back, why?

**Answer:** In order to hear Hagerstown call back, you would have to monitor the frequency 39.34 mhz. Let me explain.....

The system in use for communications between Hagerstown MSP and Romney WVSP is very simple; Romney monitors Hagerstown on 39.34 and Hagerstown monitors Romney on 42.10. You'll find this set up in use quite frequently in more rural areas. Arkansas State Police communicate with local agencies in this manner with only a slight bit of difference. Local agencies use 37.24 and the State Police use the frequency assigned to them by the state. Missouri uses a variation of this set up. Missouri Highway Patrol use the frequency 42.06 or 42.12 to transmit and the local agencies use 155.37 or 155.73 to transmit back.

**Question:** I have monitored various Louisiana agencies on 39.50: my question is this...how do I know what agencies I am monitoring?

**Answer:** Whenever a region shares a frequency, some type of uniform set of procedures is generally adopted. In the case of Louisiana agencies, the generally adopted procedure is this:



In Louisiana, most agencies dispatch by the location not by parish name. In order to determine the agency, you will note that Ville Platte SO, or sheriff's office called EP-11. Ville Platte is the Parish seat of Evangeline Parish. The net outcome of all this is that Evangeline Parish Sheriff's Office called Evangeline Parish Unit 11.

This type of designation is necessary because sheriffs, police and state police all communicate on 39.50 in more rural areas of Louisiana. A system as this demands a great deal of cooperation between the involved agencies.

In more congested areas of Louisiana, other frequencies are used sometimes instead of or alongside the frequency 39.50.

A more modern set up for point to point communication is of course to have a frequency just for that purpose. There are regional networks, statewide networks and some networks set up for state law enforcement agencies.

Maryland has one of those networks for state police. The frequency 155.475 is used in Maryland exclusively for State Police to State Police. Missouri has a network on 42.38, Pennsylvania on 42.60.

# QSL CORNER

Thomas J. Yingling, jr.  
221 Pinewood Road  
Baltimore, MD 21222

FM QSLs

- AR KISR 93.7 Ft. Smith, Box 3100, 72913. Letter from Fred Baker, jr. Pres. in 6 days. Said "You will find one of our "Kisser" bumper-sticker enclosed but was not enclosed! My 2nd fm verie too! Yingling
- IA KFMD 92.9 Dubuque, 8th & Bluff Sts. 52001. Letter & coverage map from Marc Karrmann, CE. in 24 days. Durkin
- IL WXRJ 105.5 Woodstock, 300 Commerce Dr. Crystal Lake, 60014. Letter from Art Reis, CE who wrote a short confirmation note, & also photocopied my report & made humorous comments in pen next to each program details in my report. Also send coverage map in 5 weeks. Durkin
- WSPY 107.1 Plano, R.R. # 1. 60545. Letter from Lane Lindstrom, CE, who also enclosed lots of promotional material in large envelope in 22 days. Durkin
- WESN 88.1 Bloomington, P. O. Box 2900, 61701. Letter from Kirk Johnson, Station Manager for report of 100 watter with erp of 122watts. This is for the Illinois Wesleyan University. Reply in 4 days. Strobel
- IN WBCL 90.3 Fort Wayne, 1025 W. Rudisell Blvd., 46807. Letter from Jim Schweickart, Gen. Mgr. who says they've received reports from MN, FL, PA, & Canada, with reply in 5 days. Durkin
- KY WMKY 90.3 Morehead, UPO Box 903, 40351. Send QSL Card & bumper-sticker in 6 days, from Ray Roberts, CE, the signer. Nieman
- MD WJSE 102.9 Cumberland, P. O. Box 1665, 21502. Letter from Jack Keller, Tech. Holbrook
- WBEY 103.1 Grasonville, P. O. Box 166, 21638. Send back my prepared card, with an unreadable signer name, with reply back in 10 days. Holbrook
- WOCO 103.9 Berlin, P. O. Box 1850, Montego Bay Station, Ocean City, MD 21842. Letter from Gary J. Smith, Sales Mgr. who says "You have th distinction of being our most distant listener, since we signed on air 6-25-81. Considering your proximity to WXTR in La Plata, it is amazing your received OC 104 FM." Holbrook
- OH WRDL 89.5 Ashland, Ashland College, 44805. Letter from Richard D. Leidy, Dir.- Chairman, Radio-TV Dept. Strobel
- WCDR 90.3 Cedarville, College, 45314. Letter & bumper-sticker & program guide in 3 days from John Tocknell, CE Nieman
- WMHE 92.5 Toledo, 4665 West Bancroft St., 43615. Letter & coverage-map from Charles A. Myers, Bus. Mgr. in 9 days. Nieman
- OK KWGS 89.5 Tulsa, 600 S. College Ave, 74104. Letter & sked from David R. Anderson, Mgr. Chernos
- KKNG 92.5 Oklahoma City, 110 NE 48th St, 73105. Nice letter, card & copy of log sheet for time of my report from Steve White, Operations Manager with reply back in 10 days. Yingling
- KLTE 101.9 Oklahoma City, 2814 Quail Plaza, 73120. Letter from Mike Wise, Announcer, who replied. Chernos

This month's reporters are: Durkin, Strobel, Nieman, Chernos, Holbrook, Hascall, & Yingling; ed...Also this months QSL Card comes from Dave Hascall. KBUF 97.3 Garden City, KS - Box 796, zip code 67846. Card from John E. Geoff (?) in 10 days. He mentions an applied 100 kw erp soon..... ALSO: I am almost out of IV-QSL iteas to use, & need IV-QSLs to be used in this column. I do have quite alot of FMs to do in up coming issue. So please REPORT soon or else! Send in anything soon. 73's Tom Y.

*Tom Y.*

**QSL**

A division of  
Midwest Radio, Inc.  
Garden City, Kansas

FM - 97.3 mhz.  
25,000 watts ERP  
Transmitter output 7000 watts  
Antenna height 230 ft.

AM - 1050 khz.  
5000 watts  
Two tower directional  
Daytime

THIS CONFIRMS YOUR RECEP-  
TION OF KBUF FM  
ON 8/15 19 82 AT  
TIME ZONE 544 PM CTT

# SOUTHERN FM DX

SEPTEMBER 1982

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74074

DEADLINE: 5th

FOR MOST, A GOOD SKIP SEASON CONTINUES

Rick Samford, 404 S. McNeill, Burret, TX 75611 - June 29 to July 29 GM  
Equip.: Kenwood KR-5400 rx, Archer 10-el. FM at approx. 24 ft. AGL w/rotor, Panasonic RX-1480 radio/cassette using whip antenna.

7/8 Es  
0958 WRAL 101.5 NC Raleigh  
0958 WZXI 101.9 NC Gastonia  
1000 WFOX 97.1 GA Gainesville  
1002 WQSM 98.1 NC Fayetteville, r, Q-98  
7/9 tr  
0859 KSEBJ 88.1 TX Humble, g, new,  
Something Better, Jesus  
Es  
1956 WNFY 99.9 FL Palatka, Old St.  
Augustine mentioned, Y-100  
1957 WBEAT 104.5 FL West Palm Beach,  
ad, ID, nx  
2000 WYKS 105.5 FL Gainesville, rp  
2004 WOVV 95.5 FL Ft. Pierce, promo  
for coverage of aircraft races

7/20 tr  
0857 WZXY 100.7 LA Baton Rouge, EZ  
7/23 Es  
1959 KSOP 104.3 UT Salt Lake City, k  
2005 KZAN 97.9 UT Ogden, K-Zan, k  
2011 KCPX 98.7 UT Salt Lake City, Ogden ad,  
99-FM, rp  
2Es?  
2029 KLOO 106.1 OR Corvallis, 1600+ mi.  
no IDs heard, wx at 2029 & other town men-  
tions about 2039; weak, choppy signal.  
Es  
2100 KALL 94.1 UT Salt Lake City, r  
7/26 tr  
0604 KWYX 102.3 TX Jasper, ID after UPI nx, r,  
Quicks-102, ex-KTXJ

I'm just about ready to nominate myself for the 1st Annual Lazy DXER of the Year Award. I know that the skip season hasn't been anything too fantastic, but beyond that I can't pass any judgement since I haven't really tried to DX enough to compare this to past seasons. There are also probably some new nearby stations in the 100-300 mi. range that I should have logged by now, but haven't. Too many other things take my mind off DXing.

I am fairly certain that the Corvallis, OR catch was double-hop skip. According to my calculations the mid-point of the path between here and Corvallis is located in the south-eastern part of UT, near the CO border. I believe that 98.3 Price, UT was also in during this opening(not IDed) so this would be even closer to the mid-point. Anyway, the Salt Lake stations which were IDed are only a couple of hundred miles from it, so I think we can call it double-hop. 73s

Christopher Hanley, 1125 Bolton St., Winston-Salem, NC 27103 - 7/17 to 7/28 EDT  
Equip.: Radio Shack DX-40 portable (see comments)

7/17 tr (from Winston-Salem)  
0326 WUUU 94.5 SC Greenville, g, 24 hr. 140  
7/25 tr (from Kitty Hawk, NC)  
2147 WHOV 88.3 VA Hampton, J, 1.25 kw 76  
2207 WYFL 92.5 NC Henderson, g, 152  
Bible Br. Net.  
2233 WRVQ 94.5 VA Richmond, Discussion  
on dance & the arts in Rich. 141  
2247 WRNS 95.1 NC Selma? (see com.) k 148?

7/27 tr 133  
0407 WRCM 92.1 NC Jacksonville, k, //to WJNC-AM  
0445 WSTS 96.5 NC Laurinburg, g, o/WBCI 226  
0504 WEQR 96.9 VA Exmore, m 117  
0507 WWSL 97.3 NC Wilmington, r, "97-FM" 181  
0523 WQSM 98.1 NC Fayetteville, "Q-98" 192  
7/23 tr  
2010 WRXL 102.1 VA Richmond, r 141  
2020 WOLC 102.5 MD Princess Anne, g,  
fund-raiser 144

Wow! What a difference being on the coast makes! Yours truly got a chance to vacation in Kitty Hawk, NC for a few days and brought a radio along, hoping to survey "a few stations." I have a better rx than the DX-40, but for various reasons I couldn't bring it to the beach with me. Even with the old portable, 29 stations were logged in four days; had I not spent so much time sightseeing, who knows? Is it always like that on the coast in the summer? I hope to come back with a better rx soon. As to specifics, listed here are only the stations with DX of over 100 miles, except for low-powered WHOV. WRNS 95.1 distinctly IDed as Selma, NC, not Kinston; why, I don't know. Meanwhile, I'm saving my dimes and quarters to get a GE Superadio, as suggested by the editor (a long time ago). 73s. (Yes, that was a long time ago. Now I suggest getting Radio Shack's TM-102 mini-tuner, if you don't have to have a portable. DB)

Charles George, 6407 Howard, Dallas, TX 75227  
I finally got some E-skip at my location. So far the Es has not been very long lasting or strong as in 1980 when I started FM DXing with my RF-2600. July 9, 3:35 pm CDT, I heard a station on 91.1 with lady with ACR, station kept calling itself "91-X". I heard several ads for the San Diego area. I suppose the station was XETRA, since I never got legal ID.

cont.

## SOUTHERN FM DX

George, cont.

SEPTEMBER 1982

I managed to get the station on cassette in case I don't get a verie from the station. First time I've gotten anything from the California area on Es. (tropo)  
July 10, 7:25 am CDT KOKS Benton, LA, man with soul-disco music several IDs/promos heard.  
7:50 am KMBQ Shreveport, LA, AOR with several KMBQ promos. (tr)  
July 19-20 through out the evening/morning was getting several stations from Beaumont, Port Arthur, Orange, TX area, which I still needed to add to my log. A friend called local KIKX 106.1 saying he was enjoying their new pop music format, and the station told him they were off the air due to transmitter troubles. My friend is not an avid DXer, but knew I was and called to tell me what he was receiving.  
July 23, 2:30 pm KOPA 100.7, Scottsdale, AZ, frequent ads with pop music. (Es)  
2:45 KOOL 94.5 Phoenix, AZ, oldies/pop music. These were my first catches to get from Arizona on FM. 73s.

Jim Pizzi, Box 1778, Lovington, NM 88260 - 6/20 to 7/26 - 505/396-3432

6/20 Es  
1709 to 1944 many IDs to 97.7 to northeast  
1923 KPQX 92.5 MT Havre, 1103  
ID@ 1936 calls + "QX-FM"  
2107 WESC 92.5 NC Greenville, k, ads 1206  
6/22 Es  
0747 WESC 92.5 SC Greenville, ID  
0749 WFBC 93.7 SC Greenville, ads, "94-FM"  
0853 WEEM 91.7 IN Pendleton, g, ID 1067  
0900 WGLE 90.7 OH Lima, ID 1170  
0905 WERT 98.9 OH Van Wert, ID 1152  
0906 WACF 98.5 IL Paris, k, ads 968  
0917 WNNW 98.5 MI Coldwater, k, ID 1167  
0930 WBKY 92.5 WI West Bend, ID, EL 1067  
0931 WRST 90.3 WI Oshkosh, wx, ID 1080  
6/30 Es  
0935 WDRH 92.1 KY Pikeville, ID, k 1202  
0937 WEAS 93.1 GA Savannah, 1305  
ID @0945, calls + "E-93"  
0949 WJGA 92.1 GA Jackson, ID, ads 1125  
0953 WIZD 98.7 FL Ft. Pierce, ID "IZD"  
7/2 Es 1449  
0832 WJRE 92.1 IL Kewanee, calls 919  
0854 WACI 92.1 IL Freeport, ad, 972  
calls + "FM-92"  
0858 WKLM 89.3 IL East Moline, calls,  
nx 914  
0906 WDMR 96.5 WI Milwaukee, ID, c 1067  
0920 KTTN 92.1 MO Trenton, calls 711  
7/6 Es  
2005 KAER? 92.5 CA Sacramento, 1071  
"Stereo Country 92-5", "Sacramento  
Country" Do they have new calls?  
2009 KLHT 93.3 CA San Francisco, 1116  
"K-Lite 93" @2014  
2011 KHOP 104.1 CA Modesto, wx, \$104 1035  
2012 KBRG 105.3 CA San Francisco, SS 1116  
1016 KWGF 100.9 CA Tracy, ID 1080  
2017 KEBR 100.5 CA Sacramento, g 1071  
2018 KCTC 96.1 CA Sacramento, ID@2030  
2019 KZAP 98.5 CA " " "  
2025 KROY 96.9 CA " " "  
2031 KCHO 91.1 CA Chico, calls 1139  
2059 WMBI 90.1 IL Chicago, ID 1049  
(backscatter???)  
7/8 Es  
0834 WESC 92.5 SC Greenville, "ESC"  
0839 WSKZ 106.5 TN Chattanooga, KZ106 1035  
0841 WIVK 107.7 TN Knoxville, calls 1125  
0842 WMIT 106.9 NC Black Mtn., g, tent.  
0848 WTQR 104.1 NC Winston-Salem, ID 1328  
0850 WIMZ 103.5 TN Knoxville, "IMZ" ads 1125  
0906 WTKY 92.1 KY Tompkinsville, ID 1035  
0908 WCOS 97.9 SC Columbia, ID, r 1287  
0930 WURD 97.7 OH Georgetown, ID 1174  
0935 WCDR 90.3 OH Cedarville, c 1192

7/8 Es  
0938 WSGF 95.5 GA Savannah, 95-SGF 1305  
0941 WOXY 97.7 OH Oxford, "97XFM" 1134  
0951 WZZY 98.3 IN Winchester, calls 1138  
0955 WWTX 98.3 SC Kingstree, g, promos  
1002 WSB 98.5 GA Atlanta, "99-FM Atlanta"  
WGBM 97.7 SC Georgetown, ID 1391  
1003 WFAP 90.7 NC Charlotte, nx 1206  
1005 WFSJ 106.7 SC Orangeburg, nx, 1300  
"Wiggle 106"  
1007 WDXP? 102.3 GA Buford, AM calls? 1120  
1008 WGUS 102.3 GA Augusta, ads 1238  
1012 WLAT 104.1 SC Conway, nx, wx 1400  
1016 WORC 103.9 SC Orangeburg, calls 1300

7/11 Es  
1103 unIDs 88.3, 88.9, 91.5, 92.1  
north FL/south GA, TV IN  
7/12 Es  
0931 CHMM 97.5 MB Winnipeg, calls 1193  
0932 CITI 92.1 MB Winnipeg  
0932 CBW 98.3 MB Winnipeg  
0934 KBTO 101.9 ND Bottineau, ads 1089  
0934 40 unIDs to 91.7  
0940 WDNV 89.7 TN Chattanooga, calls 1035  
"Radio", flea mkt. type ads  
1124 KEYA 88.5 ND Belcourt 1095  
7/18 Es  
1658 WLOS 99.9 NC Asheville, ID 1193  
1658 WVAF 99.9 WV Charleston 1256  
"V-100, Charleston"  
1702 WMOR 92.1 KY Morhead, ads, ID@1705 1161  
1705 WRYO 98.5 FL Crystal River, wx 1265  
1707 WHAJ 104.5 WV Bluefield, "J-104", wx 1274  
1709 WKLC 105.1 WV St. Albans, promos 1247  
1710 WTNJ 105.9 WV Mount Hope, ads, promos 1300  
1713 WDAO 107.7 OH Dayton, calls 1152  
1716 WTTG 102.7 WV Charleston, ads, EL 1256  
1718 WQHY 95.5 KY Prestonburg, Q-95, calls 1193  
1721 WSRW 106.7 OH Hillsboro, ads, g 1170  
"Gospel Express"  
1724 WKKW 106.5 WV Clarksburg, k 1337  
"Double K Country"  
1731 WEZI 105.9 TN Memphis, EL, ID 784  
1734 WWEL 103.9 KY London, ID 1130  
1735 WCKL 103.9 KY Campbellsville, "Q-104" 1049  
1737 WCIR 103.7 WV Beckley, "CIR" @1740 1292  
1738 WMYU 102.1 TN Sevierville, ads, U102 1135  
1742 WKCE 100.5 WV Huntington, "KEY" 1229  
1743 WEZK 97.5 TN Knoxville, ID 1125  
1745 WDDD 107.3 IL Marion, "W-3D" 869  
(Plus a lot of unIDs, almost a full band)  
1751 WMAK 92.1 TN Hendersonville, promos 968  
1759 WSLM 98.9 IN Salem, ID 1015  
1802 WLCK 99.3 KY Scottsville, nx 1005

cont.

Table of radio frequencies and call signs for Pizzi's section, including stations like WCOV, KMCK, WZVW, etc.

Table of radio frequencies and call signs for Pizzi's section, including stations like WZVW, WREO, WFMK, etc.

Table of radio frequencies and call signs for Yingling's section, including stations like KTDY, KKNG, KMAZ, etc.

Table of radio frequencies and call signs for Yingling's section, including stations like KQDS, KSRD, KMAZ, etc.

Es has been just great out here. 12 days worth during this report period. 6-30 was brief with WIZD 98.7 a surprise...

As I write this, I'm making phone calls to Ontario Directory Assistance in search of CJMA 105.3. It had a male vocal ID jingle and rock mix...

This season has been a little better than last year. Also I had a real good time at the convention at Staten Island. I just got installed in my '82 Lynn a Sony car radio...

Tim McVey, Route 3, Box 568, Bolivar, TN 38008 - 6/25 to 7/26. CDT

Table of radio frequencies and call signs for Yingling's section, including stations like WJNE, CJBX, WNGX, etc.

Table of radio frequencies and call signs for Yingling's section, including stations like KRBE, KISS, KASE, etc.

Tom Yingling, jr., 221 Pinewood Road, Baltimore, MD 21222 EST/EDT
Equip: Pioneer TX-9100 with SCA, Channel Master Probe-9 antenna up 50 ft.

Table of radio frequencies and call signs for Pizzi's section, including stations like WCVU, WWUS, WOKD, etc.



heard had L\$ on the main channel! (XHPR 101.3 Veracruz)  
 1030 Also in from Veracruz: XHPS 93.3, XHRN 96.5, XHVE 102.1 Stereo  
 1035 XHSR 97.3 NL Monterrey, L\$ 955  
 1039 XHRL 98.1 NL " , M\$, Estereo Reguerdo  
 1040 XHJD 98.9 NL " , Er\$, ID in EE  
 1040 XET 94.1 NL " , Lm\$, Stereo  
 1040 XHSRO 92.5 NL Monterrey, Em\$ 955  
 (Please note that ONLY when DXing Mexico can I ID more than one station per minute. The few Mexicans that are on a same channel have such enormously wide separation that they will never come in together on one duct. Further, I have never found myself wrong if the opening allows me to back and doublecheck.)  
 1041 XHQQ 93.3 NL Monterrey, L\$, Globo Estereo  
 1045 XHSL 91.7 NL Monterrey, m\$  
 1100 XHAAA 93.1 TAMS Reynosa, M\$, Estereo Reguerdo 852  
 1101 XHRT 95.3 TAMS Reynosa, Er\$, Radio Amistad  
 (Good Grief!!! Nothing but Mexicans from 88-108! XET is not even fading at signal 4.7 out of 5! Almost all Monterrey, Mexico City, Veracruz in.)  
 1105 XHRK 95.7 NL Monterrey, Er\$  
 1116 XHMC 100.5 NL " , me\$  
 1118 XHQI 102.1 NL " , L\$  
 1119 XHMN 107.7 NL " , Er\$  
 1120 XEEW 97.7 TAMS Matamoros, L 834  
 1122 XHMLS 101.5 TAMS Matamoros, L\$  
 1125 XHPJ 106.9 NL Monterrey, c\$, Estereo Classique  
 1130 KELT 94.5 TX Harlingen, k wx 822  
 1133 KQXX 98.5 TX McAllen, L\$ 841  
 1134 KDUV 100.3 TX Brownsville, e 829  
 1135 KRIX 99.5 TX Brownsville, r, ads  
 1137 KJAV 104.9 TX Alamo, g  
 1139 KSOX 101.7 TX Raymondville, k, mono  
 1140 XHRR 102.5 TAMS Reynosa, L\$  
 1142 KVLV 107.9 TX Edinburg, e, ID 831  
 1146 XHMP 95.5 COA Torreon, Er\$, Globo FM  
 1148 XHNOE 91.3 TAMS Nuevo Laredo, L\$ 836  
 1150 XHMN 100.3 TAMS Nuevo Laredo, m\$, Estereo Tiempo  
 1200 KOYE 94.9 TX Laredo, rm\$, ID 831

And so ends this report. Logs now sit at...taa-daa...1009! This covers 41 states, 5 prov., 10 estados, 1 foreigner. (There ought to be a special 1000+ club as hard as some of us work at DXing FM. DB) 1982 has been the best year for area coverage and new PU's, but not quantitatively productive due to so many relogs. Equipment is JVC JT-V22 tuner (2.0 uV sen., 70 db sel.) with Pinco FM-5 antenna and G. M. rotor. Also TM-102 tuner, Sony 7" TV to check conditions, and several homemade antennas. I built an SCA decoder using Herb Friedman's circuit (see 1979 Radio Experimenter or re-runs in various Davis magazines) and it works great. I can even DX with it. I hope to have SCA info for Mexican FM soon. Got to go see what's eating up channel 3, so 'bye for now and 73.

George Rogers, 320 Lafayette Rd., Chickamauga, GA 30707 - 6/30 to 7/26 EDT  
 Equip: General Electric Superadio #7-2880-B. This month FM DX down here has been very good with a lot of E-skip and tropo.  
 6/30 Es  
 1115 KOYE 94.9 TX Laredo, local ads  
 1124 KITY 92.9 TX San Antonio, aor  
 1127 KAJA 97.3 TX San Antonio, k  
 1128 KDMI 97.3 IA Des Moines, g  
 1135 KINL 92.7 TX Eagle Pass, loc. ads  
 1145 XHMP 95.5 COAH Torreon, SS, mr

7/12 Es  
 1030 Salt Lake City in: KUER, KRCL KWHO, KALL, KCPX, KSFI, KRSP 1299  
 1035 KRMQ 94.9 UT Provo, r, "color radio 95"  
 1040 El Paso in: KFIM, KAMA, KSET, KLAQ, KHEY 1035  
 1041 XHPS 98.3 CHIH Cd. Juarez, Lm, 1039 Stereo  
 1042 KTSM 99.9 TX El Paso, e\$  
 1100 KRWG 90.7 NM Las Cruces, L\$  
 7/13 Au?  
 2330 Very much like the auroral display seen here last summer. All channels up to 102 were garbled and had signals 2 or 3 deep. Only one was intelligible enough to ID:  
 2357 CJFM 95.9 PQ Montreal, r\$, ads in EE  
 7/18 Es  
 1815 Albuquerque FMers in  
 1829 KFMX 94.5 TX Lubbock, a 744  
 1830 KSEL 93.7 TX Lubbock, r, ad  
 7/20 Extended gw  
 0930 KSTJ 88.1 TX Humble, g, wx, ID, very weak  
 7/21 Es  
 2055 WHGM 94.9 NH Mt. Washington, e  
 2100 WNTQ 93.1 NY Syracuse, me, ID  
 2106 WSYR 94.5 NY Syracuse, a, "94-rock"  
 2110 WAER 88.3 NY Syracuse, s

7/26 Es  
 2041 KROE 94.9 WY Sheridan, r  
 2043 KRGS 93.1 SD Sturgis, k, ID 965  
 2045 unID 92.9 ads for Powell, WY, k\$  
 2046 KKHJ 93.9 SD Rapid City, e 926  
 2047 KVSJ 97.9 SD Rapid City, g, mono  
 2048 KEMC 91.7 MT Billings, c (assumed)  
 2049 KYIA 93.3 MT Billings, r "Y-93" 1202  
 2050 KXAE 101.3 MT Forsyth, ads  
 2100 KPOX 92.5 MT Havre, k "QX-stereo"  
 2101 KURO 92.1 SD Huron, mr, ID  
 2115 KYYY 92.9 ND Bismarck, r "Y-93" strict!  
 2122 KGCH 93.1 MT Sidney, m "CH-93" strict!  
 2130 KCND 90.5 ND Bismarck, c  
 2200 KSDY 95.1 MT Sidney, k, ID  
 2205 KCJB 97.1 ND Minon, e  
 2211 KOLY 99.5 SD Moberidge, BB game  
 2212 KQAA 94.9 SD Aberdeen, r  
 2214 KIZZ 93.7 ND Minot, r  
 2230 WDAY 93.7 ND Fargo-Morehead, MN, 905 e, wx

6/30 Es  
 1149 KNFO 95.5 TX Waco, k, K-95  
 1154 KIXV 95.3 TX Brady, aor, K-95  
 7/1 tr  
 0905 WMEV 93.9 VA Marion, nx  
 0940 WXBQ 96.9 TN Bristol, ads  
 0955 WQUT 101.5 TN Johnson City, ads

cont.

7/1 tr  
 0958 WGEM 105.1 IL Quincy, k  
 1000 WRBS 105.7 AL Troy, nx  
 1005 WTVY 95.5 AL Dothan, CBS nx  
 1030 WAAW 103.7 KY Murray, aor  
 Es  
 1140 XHGL 97.7 YU Merida, SS, m  
 1142 XHMT 98.5 YU Merida, SS, ads  
 2140 KOB 93.3 NM Albuquerque, ads  
 7/5 tr  
 0950 WQMF 95.7 IN Jeffersonville, p  
 1000 WWCQ 104.1 GA LaGrange, Ga nx  
 7/7 tr  
 0750 WSLM 98.9 IN Salem, wx  
 0757 WCKQ 103.9 KY Campbellsville, ad

7/8 Es  
 0935 KINL 92.7 TX Eagle Pass, ads  
 0948 KBIL 92.9 TX San Angelo, ad  
 0950 KIXY 94.7 TX San Angelo, p, Y-95  
 0954 KUFO 97.9 TX Odessa, p  
 1002 XHCB 96.1 SLP San Luis Potosi, SS, nx  
 1005 KKKK 99.1 TX Odessa, g  
 1006 KFLZ 107.1 TX Bishop, SL  
 1008 KQTP 96.9 TX Odessa, ads  
 1011 XHNA 105.9 TAM Matamoros, SS, nx  
 1012 KIXK 106.1 TX Denton, k, Kix-106  
 1013 KCWW 104.9 TX Beeville, local ad  
 1020 KTFM 102.7 TX San Antonio, ad  
 1021 KVAR 104.5 TX San Antonio, SL  
 1024 KBFM 104.1 TX Edinburg, loc. ad  
 1026 KVLV 107.9 TX Edinburg, m, K-Valley  
 1027 KIWW 96.1 TX Harlingen, SL  
 1030 KVMV 96.9 TX McAllen, g  
 1034 KAJA 97.3 TX San Antonio, ad, KJ-97  
 1035 KMFM 96.1 TX San Antonio, nx  
 1037 KEXX 93.9 TX Corpus Christi, ad  
 1042 KKEB 90.3 TX Corpus Christi, ID  
 1047 KIKK 95.7 TX Houston, k  
 1048 XHNOE 91.3 TAM Nuevo Laredo, SS, ad  
 1049 KMFA 89.5 TX Austin, talk  
 1050 KTSU 90.9 TX Houston, SS, 91-FM  
 1053 KNIT 95.3 NM Portales, local ad  
 1054 KOKE 95.5 TX Austin, k, keke  
 1055 KELT 94.5 TX Harlingen, k  
 1101 KWJS 94.9 TX Arlington, g  
 1105 KZFM 95.5 TX Corpus Christi, p  
 1106 KESS 93.9 TX Fort Worth, SS  
 1107 KUHF 88.7 TX Houston, c  
 1108 KSJT 97.5 TX San Angelo, S Soap Op.  
 1111 KYKS 95.9 TX Mineral Wells, loc. ad  
 1115 KBAT 93.3 TX Midland, k  
 1117 KULM 98.3 TX Columbus, ad  
 1121 KBOP 98.3 TX Pleasanton, local ad  
 1122 KVRP 95.5 TX Haskell, ad, \$-95  
 1129 KMUZ 104.9 TX LaGrange, mk  
 1141 XHSG 99.9 COAH Piedras Nergas, SS, m  
 1142 KHOC 99.9 TX Waco, wx, K-hoo  
 1178 KFMN 101.1 TX Fredricksburg, m  
 1151 KWTX 97.5 TX Waco, local ad  
 1154 KOXE 101.5 TX Brownhook, k  
 1158 KLTD 99.3 TX Lapassas, TX nx, D-99  
 1200 KGRI 100.1 TX Henderson, k  
 1205 KKDA 104.5 TX Dallas, wx, k-104  
 1208 KSTA 107.1 TX Coleman, k  
 1210 KMCC 102.9 TX Dallas, p, Magic-103  
 1213 KMMJ 103.3 TX Midland, m  
 1218 KMWQ 107.1 TX Graham, m  
 1220 KFER 95.7 NM Hobbs, wx  
 1221 KJAK 92.7 TX Slaton, g

7/9 Es  
 1052 KOYE 94.9 TX Laredo, p  
 1054 XHAAA 93.1 TAM Reynosa, SL, m  
 1056 XHNOE 91.3 TAM Nuevo Laredo, S m  
 1118 XHPS 93.3 VER Veracruz, SS, m  
 1122 KVMV 96.9 TX McAllen, g  
 1126 XHOX 95.3 TAM Tampico, SL  
 1130 XHNB 95.3 SLP San Luis Potosi, S, ad  
 1153 XHOD 96.9 SLP San Luis Potosi, SL  
 1154 KIWW 96.1 TX Harlingen, SL  
 1200 XEEW 97.7 TAM Matamoros, SS nx  
 1202 XHRL 98.1 NL Monterrey, S mr  
 1206 XHJD 98.9 NL Monterrey, S ad  
 1208 KELT 94.5 TX Harlingen, k  
 1212 XHNL 94.9 NL Monterrey, Sr  
 1215 XHRK 94.7 NL Monterrey, S m  
 1221 XHSRO 92.5 NL Monterrey, SL m  
 2010 XHRT 95.3 TAM Reynosa, SL m  
 2110 KZOR 94.1 NM Hobbs, p Z094  
 2131 KQIZ 93.1 TX Amarillo, p, Z-93

7/11 Es  
 1235 XEEW 97.7 TAM Matamoros, ad  
 1237 XHMLS 101.5 TAM Matamoros, S m  
 1238 KIWW 96.1 TX Harlingen, SL  
 1239 KELT 94.5 TX Harlingen, g  
 1240 XHAAA 93.1 TAM Reynosa, S p  
 1242 KVMV 96.9 TX McAllen, g  
 1243 KQXX 98.5 TX McAllen, SL  
 1244 KDUV 100.3 TX Brownsville, m  
 1245 KRIX 99.5 TX Brownsville, p, FM-99  
 1250 KOKD 92.7 TX Kingsville, p  
 1251 XHNL 94.9 NL Monterrey, S, ID  
 1253 XHXL 91.7 NL Monterrey, S r  
 1257 XET 94.1 NL Monterrey, SL  
 1301 XHNOE 91.3 TAM Nuevo Laredo, S ad  
 7/13 Es  
 1130 KRLY 93.7 TX Houston, p, Love-94  
 1148 KEXX 92.9 TX Corpus Christi, p  
 1150 KVIC 95.1 TX Victoria, local ad  
 1152 KMAZ 92.9 NE Beatrice, k  
 2010 KKYA 93.1 SD Yankton, ad, KK-93

cont.

7/13 Es  
 2020 KROA 95.7 NE Grand Island, g  
 2030 KODY 94.9 NE North Platte, ad  
 7/16 Es  
 1558 KNIN 92.9 TX Wichita Falls, wx  
 1610 KTEG 93.3 OK Ada, local ads  
 1625 KEBC 94.7 OK Oklahoma City, k  
 1628 KOYE 94.9 TX Laredo, local  
 1633 KBUY 94.1 TX Amarillo, k  
 1634 KKNQ 92.5 OK Oklahoma City, m  
 1636 KSEL 93.7 TX Lubbock, p  
 1640 KYTX 98.7 TX Amarillo, p, KY-99  
 1641 KLCR 99.3 OK Ponca City, p  
 1642 KCLV 99.1 NM Clovis, local ad  
 1643 KLNK 98.9 OK Oklahoma City, ad  
 1646 KCLI 95.3 OK Clinton, k  
 1647 KWAS 101.9 TX Amarillo, g  
 1649 KTQM 99.9 NM Clovis  
 1654 KMRE 95.3 TX Dumas, mr  
 1659 KBAT 93.3 TX Midland, k  
 1700 KOB 93.3 NM Albuquerque, aor  
 1704 KXIT 95.9 TX Dalhart, loc. ad  
 7/18 Es  
 1740 KWLX 94.1 NM Albuquerque, ad  
 1819 KEZB 93.9 TX El Paso, m  
 1820 KAMZ 93.1 TX El Paso  
 1821 KSET 94.7 TX El Paso  
 1822 KINT 97.5 TX El Paso, Kint-98  
 1835 KBYD 93.5 NM Ruidoso, kr  
 1843 KWCD 92.9 MN Duluth, c  
 1844 CKSB7 93.5 ON Kenora, FF talk  
 1855 KBAT 93.3 TX Midland, k  
 1856 KUFO 97.9 TX Odessa  
 1858 KGEE 99.9 TX Monahans, r  
 1904 KQIZ 93.1 TX Amarillo, Arby's ad  
 1908 KMRE 95.3 TX Dumas, local ad  
 1909 CBCN24 97.3 ON Nipigon, FF talk  
 1910 CBCN2 98.9 ON Nipigon, c  
 1915 KOB 93.3 NM Albuquerque  
 1926 KRDF 98.3 TX Spearman, S1  
 1930 KLUR 99.9 TX Wichita Falls, nx  
 1932 WAKX 98.9 MN Duluth, wx, 99-wax  
 1939 KWAS 101.9 TX Amarillo, sports  
 1944 KGNC 97.9 TX Amarillo, m, FM-98  
 1948 KCLV 99.1 NM Clovis, k  
 1952 KQAY 92.7 NM Tucumcari  
 2000 KTIG 100.1 MN Pequot Lakes, ID  
 2027 KSEL 93.7 TX Lubbock  
 7/19 Es  
 0750 KPAT 97.3 SD Sioux Falls  
 0753 KGCH 93.1 MT Sidney, wx, CH-93  
 0756 KKRC 93.5 SD Sioux Falls, RKO nx  
 0805 KRCS 93.1 SD Sturgis, ad  
 0807 KKHJ 93.9 SD Rapid City, m  
 7/20 tr  
 1005 WCOS 97.9 SC Columbia, wx  
 1030 WBFM 98.1 SC Seneca, area ad  
 7/21 tr  
 1032 WMAZ 99.1 GA Macon, aor  
 1035 WBBQ 104.3 GA Augusta, aor  
 1150 WKQQ 98.1 KY Lexington, ad, Double Q  
 1201 WOFM 94.9 TN Greenville, NBC nx  
 1223 WFBC 93.7 SC Greenville, aor, 94FM  
 1225 WESC 92.5 SC Greenville, k  
 1520 WWLK 92.9 KY Lexington, k, K-93  
 7/21 Es  
 1838 CBCN3 93.1 ON Marathon, talk  
 2016 CTGL 92.7 ON Sudbury, k

7/21 Es  
 2017 KMTT 93.5 NE Columbus, Royals BB  
 2020 WSYR 94.5 NY Syracuse, ads  
 2030 WSCG 93.5 NY Cornith, k  
 2043 WDCR 93.9 WI Sturgeon Bay, Brewers BB  
 2136 KYYN 94.1 NE Omaha, k  
 2142 KJGR 97.7 MN Redwood Falls, ads  
 2143 KKOK 95.7 MN Redwood Falls, ads  
 2152 KLEB 97.7 IA Ottumwa, wx, K-98  
 2153 KNCY 97.7 NE Nebraska City, Race Results  
 2155 KILR 95.9 IA Estherville, local BB  
 2158 KKYA 93.1 SD Yankton, k  
 2159 KOAK 95.3 IA Red Oak, ID  
 2200 KNEB 94.7 NE Norfolk  
 2201 KINI 96.1 NE Crookston, nx  
 2202 KWYR 93.7 SD Winner, area nx  
 2203 KSRD 96.9 NE Seward, k  
 2204 KRNK 98.9 NE Kearney  
 2205 KODY 94.9 NE North Platte, CBS nx  
 2209 KMTL 93.9 KS Dodge City, ad  
 2211 KWLS 93.1 KS Pratt, ads  
 2212 KULL 94.5 KS Scott City, Royals BB  
 2213 WIDG 102.9 MI St. Ignace, wx  
 2215 KDCK 95.5 KS Dodge City, ad, 95-DCK  
 2218 WMMQ 94.7 MI Charlotte, Tigers BB  
 2225 KLKC 93.5 KS Parsons, Royals BB  
 2229 KLMR 93.3 CO Larimer, ad  
 7/22 Es  
 1357 XHGL 97.7 YU Merida, S m  
 1358 XHTG 96.9 CHIS Tlaxala Gutierrez, S nx  
 1359 XHMT 98.5 YU Merida, S, ID  
 tr  
 1729 WKYU 88.9 KY Bowling Green, NPR nx  
 1743 WTTU 88.5 TN Cookeville  
 7/24 Es  
 1940 KALQ 93.5 CO Alamosa, ads  
 2009 KPKE 95.7 CO Denver, r, the Peak  
 2011 KBVL 94.7 CO Boulder, c  
 2012 KRDO 95.1 CO Colorado Springs, m  
 2013 KGRE 92.5 CO Greeley, k  
 2014 KGBS 96.1 CO Greeley, ad  
 2016 KBGO 97.3 CO Boulder, r  
 2018 KIQX 101.3 CO Durango, ads, Kix-101  
 2020 KLIR 100.3 CO Denver, m  
 2024 KYMT 104.7 CO Vail, ads  
 2026 KYNR 99.9 CO Pueblo, m  
 2027 KOSI 101.1 CO Denver, m  
 2028 KAZY 106.7 CO Devner, KZ-107  
 2030 KQZR 102.5 CO Craig #1800  
 7/26 tr  
 1131 WAMZ 97.5 KY Louisville, nx  
 1158 WEZI 105.9 TN Memphis, ad  
 1219 WMUU 94.5 SC Greenville, wx  
 1226 WROQ 95.1 NC Charlotte, ad, 95-ROQ  
 Es  
 1650 WIMK 93.1 MI Iron Mountain, k  
 1653 KNBK 93.5 WI New London, ads  
 1659 WDUU 92.7 WI Waupaca, ID  
 1700 WKBV 92.5 WI West Bend, ID  
 1701 WJZO 95.1 WI Kenosha, Rock-95  
 1704 WEMI 100.1 WI Neenah, UPI nx  
 1705 WLUM 102.1 WI Milwaukee, s  
 1707 WRLO 105.3 WI Antigo, wx  
 1708 WAPL 105.7 WI Appleton, Apple-106  
 1714 WYUR 95.9 WI Ripon, m  
 1716 WBWA 105.9 WI Bayfield, m  
 1718 WTTN 94.1 WI Watertown, ID  
 1719 WHRM 90.9 WI Wausau, nx  
 1720 WSCD 92.9 MN Duluth, c  
 1721 WMMH 95.9 WI Minocqua, 96-FM, cont..

7/26 Es  
 1722 WIFC 95.5 WI Wausau, 95-IFC  
 1724 WKKQ 93.9 MN Hibbing, Super Q, k  
 1728 KQDS 94.9 MN Duluth  
 1730 WGMO 95.3 WI Shell Lake, ABC nx  
 1731 WAHC 96.7 WI Oshkosh, ABC nx, G-97  
 1732 KNNS 96.9 MN Grand Rapids, ABC nx  
 Total stations to date Chickamauga 805, overall 1814. All DX logging is based on the area where the E-skip or tropo is coming from. (Well, I don't think Merida, YU and Albuquerque, NM is in the same area. DB) It would have to take a monumental effort in August to make it to 2000. This season DX has been great and I promise that it will continue. Remember in 1982 FM DX will come thru! (Editor's note: And I wish you would promise to pay more attention to what you are doing, since you labled almost all rock stations in your report as "aor". Albun oriented rock stations aren't that common! Your low I. Q. is taxing my patience.)  
 Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 - July 8 to Aug. 7 CDT  
 Equip: Pioneer TX-9100, Antennacraft GFM-10, 30 ft. above ground, rotor  
 7/8 Es  
 0855 WUWF 88.1 FL Pensacola, ID 710  
 previously in by tr  
 0855 WQCS 88.3 FL Ft. Pierce, ID  
 0859 WLRN 91.3 FL Miami, ID 1230  
 0900 WCIE 91.3 FL Lakeland  
 0900 WARG 90.3 FL Ft. Lauderdale  
 0901 WUCF 89.9 FL Orlando 1070  
 0915 WWJF 106.7 FL Ft. Lauderdale-Miami, ads, "Joy FM"  
 0922 WDIZ 100.3 FL Orlando, DIZ  
 0926 WTRK 107.9 FL W. Palm Beach, ad "the country K"  
 0939 WKQS 99.9 FL Boca Raton, ID, k  
 0942 WLLW 107.1 FL Melbourne, ID  
 0946 WEAT 104.5 FL W. Palm Beach 1200  
 0949 WSRZ 102.5 FL Sarasota, 1060  
 "the music wave, SRZ"  
 0956 WYFN 94.9 FL Tampa, ID, r 1040  
 0958 WJYW 100.7 FL Tampa, wx, ID  
 1002 WNNX 95.9 FL Tallahassee, ID  
 1004 WJYO 107.7 FL Mount Dora  
 1037 WAJX 98.3 FL Titusville  
 1039 WHOO 96.5 FL Orlando, k, ID  
 1039 WWLV 94.5 FL Daytona Beach  
 1101 WAIV 96.9 FL Jacksonville  
 1107 WFOY 97.7 FL St. Augustine  
 1115 WFAM 91.1 FL Jacksonville, wx, ID  
 1124 WVMG 96.7 VA Cochran, ID  
 1236 WONI 192.9 VA Norfolk, Wowie 105  
 1245 WQHQ 104.7 MD Ocean City, QHQ  
 1256 WMZQ 98.7 DC Washington, ID, nx  
 1311 WKZQ 95.1 PA Chambersburg, wx, wixy  
 1314 WDUU 90.5 PA Pittsburgh, ID  
 1430 WAMU 88.5 DC Washington, ID  
 1434 WASH 97.1 DC Washington, ID 1105  
 1530 WJWJ 88.9 SC Beaufort, ID  
 1531 WMHK 89.7 SC Columbia, ID  
 1531 WRJA 88.1 SC Sumter, prev. tr 970  
 1537 WIGL 106.7 SC Columbia, ID, wx, with "Wiggle worker" award  
 1556 WRVL 88.3 VA Lynchburg  
 1600 WEPF 09.1 SC Greenville, ID 850  
 1658 WDAV 89.9 NC Davidson, ID  
 1701 WROQ 95.1 NC Charlotte, ID, r  
 7/9 Es  
 1029 KQED 88.5 CA San Francisco, ID, NPR  
 1102 KULC 95.3 CA Vacaville-Fairfield, ID  
 1107 KXOA 107.9 CA Sacramento, wx, K-108  
 1114 KCTC 96.1 CA Sacramento, ID, m 1320  
 1117 KEWT 105.1 CA Sacramento, ID, cute  
 1119 KPFP 93.5 CA Roseville, K-pop

7/26 Es  
 1735 WAQE 97.7 WI Rice Lake, nx  
 1738 WCCW 97.1 WI Sparta, k, Cow Country  
 1743 KYTN 94.7 ND Grand Forks, ad, Y-95  
 1749 KQKS 97.5 NE Chadron, Q-98  
 1751 KTRS 95.5 WY Casper, ads  
 7/9 Es  
 1125 KSNAN 94.9 CA San Francisco, wx, ID, r 1375  
 1132 KABL 98.1 CA San Francisco, ID,  
 "the station named after the cable cars"  
 1146 KLON 88.1 CA Long Beach, ID, FM-88  
 1200 KQYT 95.5 AZ Phoenix, ID 895  
 1200 KOOL 94.5 AZ Phoenix, ID  
 1209 KHAY 100.7 CA Ventura, K-Hay  
 1213 KJLH 102.3 CA Compton, ID  
 1215 KIKF 94.3 CA Garden Grove,  
 "KIK-FM, S. CA's country kicker"  
 1219 KYXY 96.5 CA San Deigo, ID  
 1229 KWVE 107.9 CA San Clemente, K-Wave  
 tr  
 1232 KRDF 98.3 TX Spearman, ID  
 Es  
 1241 KBBY 95.1 CA Ventura, ID  
 1256 KCNS 94.3 CA Barstow, ID, ads  
 1258 KXVR 99.5 CA Mountain Pass  
 1259 KRTH 101.1 CA Los Angeles, K-Earth  
 1302 KAGY 104.7 CA Oxnard, nx, ID  
 1303 KOTF 106.3 CA Lancaster, ID  
 1305 KPFK 90.7 CA LA 1220  
 1358 KJYK 94.9 AZ Tucson 850  
 1401 KTTI 95.1 AZ Yuma, ID, Kitty country  
 1437 XETRA 91.1 BCN Tijuana, ads, "91X"  
 1440 XHBRS 104.5 BCN Tijuana, SS, w/SCA  
 1441 KCBQ 105.3 CA San Diego, wx, Q-105  
 1445 KFSD 94.1 CA San Diego, ads  
 1457 KGB 100.7 CA San Diego, ID  
 1513 KSON 97.3 CA San Diego, wx, ID, k  
 1800 WQCS 88.3 FL Ft. Pierce, ID  
 1828 WMCU 88.7 FL Miami, ID  
 1944 WYOR 105.1 FL Coral Gables, ID, m  
 1952 WWLO 106.3 FL Sarasota  
 1955 WXOS 100.3 FL Plantation Key  
 1959 WIRK 107.9 FL W. Palm Beach, ID  
 2004 WLRN 91.3 FL Miami, ID  
 7/10 Es  
 1110 WAIA 97.3 FL Miami, "A one A 1230  
 1144 WCIE 91.1 FL Lakeland, promo, off freq. of 91.3  
 1146 WXOS 100.3 FL Plantation Key, wx, k 1250  
 7/18 Es  
 1758 WBKF 94.3 FL McClenny, ID, k  
 1759 WTLG 88.3 FL Starke, ID  
 1828 WPCH 94.9 GA Atlanta, ID, m, Peach  
 1829 WREK 91.1 GA Atlanta, ID 760  
 7/20 ex. gw  
 2154 KECCO 96.5 OK Elk City, ID, k, new to air, on 24 hrs. a day, unfortunately.  
 cont.....

7/21 Es  
1938 WWDE 101.3 VA Hampton, 2WD  
7/25 tr  
2057 KKKX 107.5 LA Ruston, ID, k 360  
7/26 Es  
1729 WRVO 89.9 NY Oswego, wx  
7/27 Es  
0954 CKUE 101.1 ON Smith Falls  
0959 CJFM 95.9 ON Montreal 1375  
1000 CFMP 101.5 ON Peterborough, ID, wx  
1018 CKO 106.9 ON Ottawa, ID 1290  
1032 CKBY 105.3 ON Ottawa, ID  
1100 CIMF 94.9 ON Hull-Ottawa, ID  
1104 WNHU 88.7 CT West Haven, ID 1340  
1110 WMNR 88.1 CT Monroe, ID  
7/30 tr  
0000 KLSR 105.3 TX Memphis, sign off  
TX #136  
8/1 Es  
1643 WMGG? 95.7 FL Clearwater, ex WCKX  
"Magic 96"  
1647 WCKS 101.1 FL Cocoa Beach, CK101  
1648 WQUH 103.1 FL De Funiak Springs, ID  
1651 WPCW 97.5 FL Winter Haven, ID  
1650 WKNU 106.3 AL Brewton, ID 675  
1658 WJDQ 101.3 MS Meridian, prev. by trop  
1659 WKNZ 101.7 MS Collins, ID 530  
1701 WHOO 96.5 FL Orlando, ID, wx  
1705 WQTK 99.1 FL Jacksonville, ID, nx  
1709 WYNF 94.9 FL Tampa, 95-YNF  
1711 WPFM 107.9 FL Panama City, ads, ID  
1716 WDUV 103.3 FL Bradenton, ID, m  
1722 WHLY 106.7 FL Leesburg, wx, Y-106  
1723 WRBQ 104.7 FL Tampa  
1724 WELE 105.9 FL De Land, ID

8/1 Es  
1725 WOKK 97.1 MS Meridian, k  
1728 WJDB 95.3 AL Thomasville, ID  
1731 WPCS 89.3 FL Pensacola  
1732 WUCF 89.9 FL Orlando  
1743 WGUF 96.7 MS Gulfport, ID 600  
1750 WGEA 93.5 AL Geneva, ID, k  
1751 WMLV 94.5 FL Daytona Beach, ID, m  
1757 WJIZ 96.3 GA Albany, ads, s  
1825 KRBE 94.9 UT Cedar City, ID 900  
1831 KZEZ 93.5 UT St. George, ID, m  
1859 WRJA 88.1 SC Sumter  
1900 WSCI 89.3 SC Charleston, ID  
1938 KHAY 100.7 CA Ventura  
1939 KBBY 95.1 CA Ventura 1280  
1941 KJLH 102.3 CA Compton, ID, ad  
1945 KACE 103.9 CA Inglewood, ID  
1949 KQYN 95.7 CA Twentynine Palms, ad, Q-96  
2000 KRTH 101.1 CA LA  
2004 KXTZ 94.1 NV Henderson, ID, m  
2008 KUDO 93.1 NV Las Vegas, ID 985  
2011 KUNV 91.3 NV Las Vegas, ID  
2017 KORK 97.1 NV Las Vegas, ID  
2027 WRAS 88.5 GA Atlanta, ID 760  
2133 WCUP 100.3 GA Tifton, ID, "Cup Radio"  
2134 WDDQ 92.1 GA Adel, ads  
7/2 tr  
1026 KYKS 105.1 TX Lufkin, ads, Kicks 106  
1035 KOOI 106.5 TX Jacksonville, ID, k 310  
7/5 tr  
0920 KUHF 88.7 TX Houston, ID 460  
0935 KKTZ 95.9 TX Kilgore, 96X, ad 300  
0938 KGRI 100.1 TX Henderson, ID 310  
0938 KMFM? 99.3 TX Whitehouse, ad, ID not clear  
0942 KWIC 107.7 TX Beaumont 460  
1000 KSEJ 88.1 TX Humble, ID TX #139 445

This Es season has been a good one here. I suppose it's most notable for bringing in that strong 7/9 opening from CA for the best I've had from that state since probably the mid-70's. For some unknown reason Es from CA has been very rare over the years, many years go without receiving a strong opening from there, while a multitude of good openings is routine nearly every year from FL. Tr not as good here as the past two years.

Of the 48 states received here, the ones that took the longest to log were in order: ME, SD, NH, VT, RI. The last three states were logged in one opening, that intense one many of you enjoyed on June 18, 1980, which goes to show you how easy difficult things can become in the world of DXing. Until next month, 73.

Report your FM DX to this column if you are from: AL AR AZ CA CO DE FL GA KS KY LA MD MS NC NV OK SC TN UT VA & WV. Don't let this summer get by without reporting.

**WCXI**  
**FM 92**



WMYS FM98 • WNBH 1340 AM  
737 County Street  
New Bedford, Massachusetts 02740

**WOKQ/98**

FM logs from Paul Gaines  
and Ernest R. Cooner.

Mystic/Stonington Broadcasting Corporation  
Box 232, Old Stonington Road  
Mystic, Connecticut 06355-0252

# NORTHERN FM-DX

Ralph Strobel, editor  
2300 E. McGalliard Rd.  
Muncie, Indiana 47303  
Deadline: the 5th

September 1982

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

This reporting period shows a great deal of E-skip days. Andy Bolin has now logged over 2100 stations. On the evening of July 11, Andy phoned me. It was on this date that he heard double hop E-skip from 93.9 CHOZ St. John's, Newfoundland. You will read about this in his report next month. Now on to the tons of reports.

Andy Bolin - 709 Lincoln - Charleston, IL 61920

4/30 Es 1515-1535 from FL was WMCU, WLRN, WTMJ & W-A one A. 5/12 Es @1145 KQIZ 93.1 Amarillo TX (820). 5/15 Es 1620-1710 from FL were WFIT, WOVV, WGYL, WDBO, WEAT, WLRN, WTMJ, WYOR & WKTZ. @1659 the new WQCS 88.3 \$ NPR Fort Pierce FL (945); 1700 WHLG 102.3 from 107.1 \$ Jensen Beach FL (970). Fade down til 1910 then FL again til 2115 w/WBJW, WHOO now K was EZ, WRKT, WUSF, WFLA, WGYL, WOVV, WIZD, WRB-Q, W-DUV, WSRZ, WHEW, WEAT, WIRK, WRMB, WHRS, WMNF, WLE-Q, WAFG, W-SHE, WAXY, WWVL, WMCU, WLRN, WTMJ, WAIA, W-LYF, WW-BA & WFYN now R was EZ. @2056 WSWF 107.1 \$R Lehig Acres FL (970). 5/16 Es @1911 KKKQ 94.1 "Sanford Country" w/jingles/\$K Sanford AZ (1295). Then @1936 FINALLY after almost 12 years of looking, state # 46 logged w/KUDO "93-FM" w/\$/soft rock/pro-mos 93.1 Las Vegas NV (1495). Some relogs were KUAT, KRKB, KOB now live R was EZ, KMCR & KWVM. 5/24 Es @1855 the new KTRS \$R 95.5 Casper WY (965); 1901 KTKK from 93.5 to 93.9 still \$/R/MOR Riverton WY (1085). Relogs til 2050 were (WY & MT) KDLY, KOLL, KAWY, KLWD or cloud, KQSW, KPOR & KQYU. 6/5 Tr @2200 "Z-92" KEZO 92.3 Omaha NE (430); 2201 KIWR \$ 89.7 now w/100,000 red hot watts- Council Bluffs IA (410). 6/7 INTENSE Es (best Es since 7/17/80) slamed on FM @1528. @1546 WGM5 #/ID 103.5 Washington DC (595); 1555 WCTD \$/nx 107.1 Federalsburg MD (670); 1557 WRLX "Relax Radio" \$/EZ 106.5 Baltimore MD (610); 1558 finally got more than "JB-105" on WPJB \$/R 105.1 Providence RI (845); 1600 WRIO w/mono nx 102.3 Cape May NJ (715); 1602 WZBC \$/P/homemade jingles 90.3 Newton MA (905); 1603 the new WGTF w/mono nx 93.5 Nantucket MA (965); 1646 WYBF \$/oldies 105.7 Framingham MA (890); 1717 WRSI \$ 95.3 Greenfield MA (840); 1725 WHAI w/mono sports 98.3 Greenfield MA (840); 1731 WNBX "FM-104" (strict) \$/pro-mos 103.7 Keene NH (865); 1745 WCHN w/mono pro-mos/sports 93.9 Norwich NY (695); 1746 WQYT \$ 98.1 Binghamton NY (665); 1859 WJMF was 91.5 now 88.7 w/\$/P Smithfield RI (830). Some relogs were (MA) WCOD, WCIB, WJFD, WMSY, WERS, WGBH, WX-KS, WMBR, WJUL, WBMT, WAAF, WHAV; (from CT) WKCI, WPKN; (from NY) WSBH, W-FLY; (from NJ) WGRF, WSNJ; (from ME) WRUM, W-MGX, WPOR, WKXA, WABK; (from NH) WKXR, WUNH, WKXL, WGR, WLNH & WHOM. 6/8 Es @1130 WMCU Miami FL (1045). 6/10 Au @0157 WAER w/ID 88.3 Syracuse NY (630); 0217 WCML 91.7 Alpena MI (450). Later @0942 Es w/WMCU 89.7 Miami FL. 6/12 noisy Au 1830-1930. 6/13 noisy Au 1745-1820. Then @2115-2150 probably AEs (choppy-quick MUFs) from FL were WFIT, WRKT, WRMB, WEAT, W-SHE, WAXY, WDBO, WWVL, WYOR, WIRK, WMCU, WLRN, WTMJ, WAIA & W-LYF. 6/15 Es 1650-1705 KGRE & KTCL both N. CO; @1749 logged station #42 for 94.3 w/KRCT mono jingles Ozone TX (965). 1750-1900 XHAAA 93.1 Reynosa Tam; 2000 the new KGCH \$/R 93.1 Sidney MT (990). 6/16 Es 1003-1055 from TX & NM were KXTX, KOCV, KNFM, KENW, K-BAT, KMMJ, KFMN, KBIL, KQIZ & KACV. 6/17 Es 1840-2130 from CO were KILQ, KCCY, KWDE, KVBL, KBCO, KCFR, KOA-Q, KTCL, KGOL, KGRE; (from SD) KRCS, KKHJ, KVSF; (from WY) KROE, KLWD, KOLL, KTKA, KDLY, & KTRS. @2028 heard an ID from KTEQ Rapid City SD on 91.3 from 88.1. @2040 KINI \$/R 96.1 Crookston NE (695); @2054 #2100 was KCWC \$/P/nx 88.1 Riverton WY (1085); 2100 KTAG (not KFCQ) "Your MX Connection" w/\$/R/ID 97.9 Cody/Powell WY (1130); 2109 K2?? "Q-92" w/\$K--Q-92 Cody/Powell mailing ad & request phone numbers/local ads including state 92.9 Cody WY (1130). 6/18 Es 1020-1040 XHAAA 93.1 Reynosa Tam (1060). 6/20 Es @2001 the new KKED \$/ID 90.3 Corpus Christi TX (965). Also in was KYND, KEXX & KMFA til 2017. 6/22 Es 0800-0845 KOYE 94.9 Laredo TX & from NL was XHXL, XHSRO, XET & XHSP. 0840-1020 from FL were WN-JY, WTMJ, WAIA, W-LYF, WAFG, WAXY, W-SHE, WEAT, WIRK, WLMC using AM calls, WOVV, WFLA & WLE-Q. @1001 WWOJ "Take an OJ break, it's not just for breakfast anymore" w/\$ MOR/EZ/ID 106.3 Avon Park/Sebring FL (925).

On the 6/7 Es @1800 on 93.1 I heard a mono K station ID as WPLC or WPLZ. PTA would be LI, MA, NH or ME. Does anyone know the location of this (I assume) bootlegger? Oh ya, P.S. KZLE 93.1 Batesville AR is a mugger.

Editors note: First, congratulations to Andy for hearing Nevada! Secondly, it was discussed and agreed at the convention that a DXers totals should not be included in a DX column. Please send your totals to Fred Nordquist of Clay, New York.

Saul Chernos - 79 Ridge Drive - Toronto, ON M4T-1B6

6/13 Es (From Burnt River)		6/26 Es	
2110 WPCS 89.3 FL Pensacola	1120	1154 WRNO 99.5 LA New Orleans	1225
2115 WBVU 95.7 LA New Orleans	1225	1157 KVLV 103.7 TX Dallas	1305
2119 WCKW 92.3 LA Laplace	1235	1159 KLVU 98.7 TX Dallas	1305
2120 WYLD 98.5 LA New Orleans	1225	1200 KESS 93.9 TX Ft. Worth, SS	1325
2130 WUNO 89.9 LA New Orleans	1225	1201 WUSF 89.7 FL Tampa	1215
6/15 Es		1202 KRVS 88.1 LA Lafayette, FF	1360
1946 WKYU 88.9 KY Bowling Green	685	1206 WBAM 98.9 AL Montgomery	975
2006 WMBD 92.7 SC Bamberg	820	1210 WTYX 101.5 FL Pensacola	1120
2010 WPCV 97.5 FL Winter Haven	1200	1212 WPMF 102.5 LA Baton Rouge	1230
2012 WDUV 103.3 FL Bradenton	1240	1215 WREZ 103.3 AL Montgomery	975
2015 WDTZ 100.3 FL Orlando	1155	1216 WYNK 101.5 LA Baton Rouge	1230
2019 WAIV 96.9 FL Jacksonville	1030	1217 KDEA 99.1 LA New Iberia	1275
2037 WFNF 102.5 LA Baton Rouge	1230	1219 KAJN 102.9 LA Crowley	
2123 WLWI 92.3 AL Montgomery	975	1222 KHOM 104.1 LA Houma	1270
6/17 Es		1223 KHGC 102.9 TX Dallas	1305
2145 WMCU 89.7 FL Miami	1345	1230 WCUP 100.3 GA Tifton	
2215 WBKR 92.5 KY Owensboro	665	1235 KRRV 100.3 LA Alexandria	
2225 KHCC 90.1 KS Hutchinson	1120	1237 KZOM 104.5 TX Orange	1335
6/18 Es		1240 KBTU 103.7 LA Lake Charles	1310
0205 KNEB 94.1 NE Scottsbluff	1300	1241 KSMI 104.9 LA Donaldsonville	
6/20 tr		1242 KJBO 104.9 LA Jonesboro	
1007 WTCM 103.5 MI Traverse City	350	1243 KYTK 96.1 LA Lake Charles	1310
1040 WMKC 102.9 MI St. Ignace	315	1244 KJOJ 106.9 TX Conroe	
6/20 Es		1246 KHYS 98.5 TX Port Arthur	1345
2038 KOCV 91.3 TX Odessa	1590	1248 KOYY 99.3 KS El Dorado	
2047 KYND 92.5 TX Pasadena	1410	1250 KLUU 99.9 TX Wichita Falls	1320
2051 KRLY 93.7 TX Houston	1410	1252 KAYZ 103.1 AR El Dorado	
2053 KLOL 101.1 TX Houston	1410	1255 KRMD 101.1 LA Shreveport	1190
2055 KRBE 104.1 TX Houston	1410	1257 KROK 94.5 LA Shreveport	1190
2057 KQUE 102.9 TX Houston	1410	1259 KLRK 90.5 AR Little Rock	1020
2059 KVLU 91.3 TX Beaumont	1350	1300 KROZ 92.1 TX Tyler	1270
2115 KOUL 103.3 TX Sinton	1610	1302 WPAF 92.5 FL Panama City	1105
6/23 Es		1305 WZGC 92.9 GA Atlanta	840
0130 CFMQ 92.1 SA Regina	1315	1310 WRAS 88.5 GA Atlanta	840
0130 CBKF 91.9 SA Bellegarde		1312 KRLG 98.1 OK Lawton	1285
0135 CBKO 94.3 SA Denare Beach		1313 KATT 100.5 OK Oklahoma City	1205
0145 CBKF 97.7 SA Regina	1315	1314 KOSY 102.5 AR Texarkana	
0200 CBK 96.9 SA Regina	1315	1315 KRPT 103.7 OK Ardmore	
0228 KIZZ 93.7 ND Minot	1135	1317 KMLA 103.9 AR Ashdown	
6/23 Au		1319 KPLX 99.5 TX Ft. Worth	1325
0242 WGBB 101.9 MA Falmouth		1321 KKDA 104.5 TX Dallas	1305
0247 KQRS 92.5 MN Golden Valley		1322 KYKX 105.7 TX Longview	1235
0258 WNCI 97.9 OH Columbus	385	1323 KKAJ 95.7 OK Ardmore	1245
0259 WIPU 89.1 IN Ft. Wayne	425	1325 KKLS 99.7 OK Alva	1200
6/26 tr		1326 KMEZ 100.3 TX Dallas	1305
0857 WLVE 94.9 WI Baraboo	575	1327 KBRA 97.9 KS Wichita	1105
0858 WCMU 89.5 MI Mt. Pleasant	325	1328 KEYN 103.7 KS Wichita	1105
0858 WCMU 91.7 MI Alpena		1329 KNID 96.9 OK Enid	1180
0900 WZEE 104.1 WI Madison	560	1330 KEYE 95.9 TX Perryton	1320
0913 WNCW 102.5 WI Madison	560	1331 KUDL 98.1 KS Kansas City	925
0930 WLPX 97.3 WI Milwaukee		1332 KRDF 98.3 TX Spearman	
0933 WUGN 99.7 MI Midland	295	1340 KVGB 104.5 KS Great Bend	1150
0938 WRKR 100.7 WI Racine	490	1341 KBUZ 106.5 KS Arkansas City	1120
0958 WHAD 90.7 WI Delafield		1343 KJCK 94.5 KS Junction City	1035
1000 WBCS 102.9 WI Milwaukee	490	1347 KTPK 106.9 KS Topeka	960
1015 WZZW 103.7 WI Wauwatosa		1348 KFDI 101.3 KS Wichita	1105
6/26 Es (107.9 is MUF)		1349 KSLR 99.3 KS Liberal	1300
1123 WCKW 92.3 LA Laplace	1235	1350 KHOK 100.7 KS Hoisington, see comments	
1129 KQUE 102.9 TX Houston	1410	1358 KMKF 101.7 KS Manhattan	1015
1130 WUWF 88.1 FL Pensacola	1120	1359 KJLC 88.5 MO Kansas City	925
1132 WLPR 96.1 AL Mobile	1125	1400 KHCC 90.1 KS Hutchinson	1120
1133 WOSM 103.1 MS Ocean Springs		1401 KCMC 88.1 CO Manitou Springs	1435
1140 WFWB 102.5 AL Jasper	905	1402 KABI 98.3 KS Abilene	1055
1142 WMMK 92.1 FL Destin		1404 KNAB 104.1 CO Burlington	1290
1144 WNOE 101.1 LA New Orleans	1225	1407 KIII 102.7 CO Manitou Springs	1435
1145 WTX 97.5 TX Waco	1380	1408 KJLS 103.3 KS Hays	1160
1150 KZEW 97.9 TX Dallas	1305	1409 KUVR 97.7 NE Holdrege	1120

- Continued -

6/26 Es		6/26 Es	
1412 KOKQ 98.5 IA Council Bluffs	915	1439 KCMJ 103.9 NE Terryton	
1415 KFNF 101.1 KS Oberlin	1190	1452 KQSK 97.5 NE Chadron	1245
1416 KAWL 104.9 NE York		1504 KAWY 94.5 WY Casper	1420
1417 KYGO 98.5 CO Denver	1405	1506 KTRS 95.5 WY Casper	1420
1420 KMCX 106.5 NE Ogalala	1220	6/27 tr	
1423 KUAD 99.1 CO Windsor		0000 WMKC 102.9 MI St. Ignace	315
1428 unID 103.7 ?? "KX-104, The Kicks"		0033 WWRM 106.7 MI Gaylord	300
Mentions of North Platte/Lexington NE		0059 WJML 98.9 MI Petoskey	320
1436 KKAZ 100.7 WY Cheyenne	1370	0620 CBMS 89.5 ON Sault Ste Marie	310
Some nice FM Es openings. Two hit the top of band and others climbed high enough.			
Is KESS TX on 93.9 or 94.1? (Still 93.9-RS) Is KHOK KS on 100.7 or 100.9? Who is			
"KX-104 - The Kicks" in Western Nebraska? On 6/18, KNEB was alone (Es-wise) on FM,			
very much like my 13 minute ms burst from KBUF KS last August. TV 2 & 6 were vacant,			
3 had CO, 5 WY, and 4 SD & NE. I now feel KBUF was Es, the second logging of course.			
I had them an hour earlier by a short MS burst. The 6/23 SA Es may have been Au			
induced. I got home at 0130 and decided to check. Au later appeared. Between point-			
ing NNW to SA Es and the Au CCI from the north, I had terrible CCI on TV. I awoke			
the next morning in the living room in front of the TV, my hand more or less on the			
rotor. I had Portland ME on TV 6 later that same afternoon on Es at 430 miles - an			
Es relog. The 6/26 Es cut short a nice tr to WI but I won't complain too loudly.			
Lots of auroral activity; no time to ID it all. (Here's a 2nd report from Saul-RS)			
7/2 Es (from Burnt River)		7/11 Es	
1910 TWWE 92.1 SC Manning, 92.1 MUF	785	2033 KSMX 92.1 IA Fort Dodge	
7/5 tr		2034 KFRX 102.7 NE Lincoln	970
1712 WEMU 89.1 MI Ypsilanti		2035 KBCW 95.5 IA Sioux City	1010
2200 WCXI 92.3 MI Detroit, ex-WTWR	280	2044 KKAZ 100.7 WY Cheyenne	1370
7/5 ms		2055 WSGF 95.5 GA Savannah	905
1720 KOUR 89.3 MO Kansas City	925	(Where this come from!??)	
7/6 tr		2057 KCPO 98.5 OK Tulsa	1100
0307 CJFI 99.9 ON Sarnia	230	2100 CBAF 95.9 NS Sydney, (CBAF-24)	
7/10 tr		2101 CB?? 88.1 ?? French CBC,	
0848 WMKC 102.9 MI St. Ignace	315	// local 96.5, see notes	
0849 CBMS 89.5 ON Sault Ste Marie	310	2102 KSOZ 91.7 MO Point Lookout	
0850 WCMU 89.5 MI Mt. Pleasant	325	2103 CB?? 89.5 NS New Glasgow	
1021 CJQM 104.3 ON Sault Ste Marie	310	2104 KATQ 97.7 MO Warsaw	
1058 WDTR 90.9 MI Detroit	280	2106 CB?? 97.1 NS Liverpool	
1100 WKAR 90.5 MI East Lansing	330	2107 CIOO 100.1 NS Halifax	
7/11 tr		2108 KKKX 95.7 KS Ottawa	975
1000 WTCM 103.5 MI Traverse City	350	2109 WBNQ 101.5 IL Bloomington	615
7/11 Es		2110 KBEQ 104.3 MO Kansas City	925
1915 CBAF 88.7 NS New Glasgow, (CBAF-27)		2113 KPRS 103.3 MO Kansas City	925
1924 WGTG 92.3 IN Bloomington, (short) 575		2115 CBHM 106.5 NS Middleton	
1932 KEZO 92.3 NE Omaha	925	2117 KJCK 94.5 KS Junction City	1035
1935 KWYR 93.7 SD Winner	1080	2120 KMZU 101.1 MO Carrollton	
1938 KERN 98.9 NE Kearney	1090	2126 KFKF 94.1 KS Kansas City	925
1942 KOKI 101.1 NE Columbus	995	2130 KCEZ 94.9 MO Kansas City	925
1947 KOKQ 98.5 IA Council Bluffs	915	2131 KOEZ 92.3 KS Newton	1095
1949 KEXL 106.7 NE Norfolk	930	2133 unID 94.5 ?? ? RKO	
1950 KEEZ 99.1 MN Mankato	780	2135 WIEW 97.3 KS Topeka	960
1953 WOJO 105.1 IL Evanston, very short 505		2140 KTFK 106.9 KS Topeka	960
1956 KRFS 103.9 NE Superior		2142 KANU 91.5 KS Lawrence	960
1958 KIOV 104.7 SD Sioux Falls	920	2145 KYNN 94.1 NE Omaha	925
1959 KTCR 97.1 MN Minneapolis	740	2202 KXXX 100.3 KS Colby	
2000 KATX 97.3 TX Plainview	1450	2203 KFKF 94.1 KS Kansas City	925
2001 KWFC 97.3 MO Springfield	940	7/13 tr	
2002 KDLO 96.9 SD Watertown	925	0620 WSAQ 107.1 MI Port Huron	230
2003 KYYS 102.1 MO Kansas City	925	7/13 AE	
2004 KGMT 100.7 MN Alexandria		2332 KOEZ 92.3 KS Newton	1095
2006 KIKX 96.1 SD Watertown	925	2333 KQKQ 98.5 IA Council Bluffs	915
2009 WAGE 97.7 WI Rice Lake		2335 KFMQ 101.9 NE Lincoln	970
2018 KRIT 96.9 IA Clarion		2337 KJCK 94.5 KS Junction City	1035
2020 KWAO 95.1 MN Worthington	865	2349 KWPM 93.9 MO West Plains	900
2023 KCLD 104.7 MN St. Cloud	775	2352 KHOK 100.7 KS Hoisington	
2026 WCOW 97.1 WI Sparta		2353 KKUZ 102.5 MO Joplin	1000
2030 KIOS 91.5 NE Omaha	925	2354 KMUD 97.5 OK Tulsa	1100
2031 KRNA 93.9 IA Iowa City	700	2357 KADI 96.3 MO St. Louis	745
2032 unID 94.3 ?? King Biscuit Flour Hour		2359 KWTO 98.7 MO Springfield	940

- Continued -



7/14 AE		
0000 KMZU	101.1 MO	Carrollton
0003 KLOP	99.3 OK	Ponca City
0005 KWFC	97.3 MO	Springfield
0006 KSTS	94.7 MO	Springfield
0037 KPLX	99.5 TX	Ft. Worth
0042 WHMS	100.7 MS	Greenville
0044 KHCC	90.1 KS	Hutchinson
0046 WNJC	90.1 MS	Senatobia
0058 WOKK	97.1 MS	Meridian
0100 KETR	88.9 TX	Commerce

7/16 tr		
0220 WPLB	107.3 MI	Greenville 370
7/18 tr		
0259 WHNN	96.1 MI	Bay City 280
7/18 Es		
1918 KBVL	94.7 CO	Boulder
1919 KCEZ	94.9 MO	Kansas City 925



1920 KEBC	94.7 OK	Oklahoma City 1205
1925 WRST	90.3 WI	Oshkosh 415
1926 KJLS	103.3 KS	Hays 1160
1927 KMOD	97.5 OK	Tulsa 1100

7/14 Au  
0118 WCIR 103.7 WV Beckley 505  
0132 WFUV 90.7 NY New York City 370  
0137 WXTR 104.1 MD La Plata 450  
0153 WOKI 100.3 TN Oak Ridge  
0200 WAMU 88.5 DC Washington 420  
0224 WRVQ 94.5 VA Richmond 520  
0232 WMGH 103.7 NJ Atlantic City 415  
0244 KMZU 101.1 MO Carrollton  
1815 WEZS 103.7 VA Richmond 520

Not a lot of skip on FM this July and not even a lot on TV. But two openings proved to be winners in my book. On 7/11, I had east, south and west. Getting Evanston, IL's WOJO at 505 miles was the highlight...my shortest ever on FM. And just as I write this, an Es opening hits. Routine stuff plus 90.3 WRST in Oshkosh, WI 505 miles exactly. I'm not one to break my own records, I guess. Incredibly, no July skip has hit FL on FM, or LA, AL, etc. Just a few from GA, MS & SC. The west, on the contrary, is rarer here, and I've had it almost exclusively. The auroral Es of July 13-14 were interesting. I was approaching Burnt River in the car, as I'd been in Toronto for a few hours. At 2300 my time, (which I consider to be a normal dying time for the strongest of Es), I got a baseball game around 102.9 involving KS & OH. I noticed the educational band was jammed thick. I got home very quickly, and got routine skip from the west. Then I noticed auroral "hash" as the Es died. It turned out to be one of the best auroral sessions I've ever had, cut off by my falling asleep, dial in hand. Outside, the aurora was highly visible. Ex-WTFDAer (more or less out of DXing), Reg Broadhead, who has a place also near (not even five miles), Burnt River claimed he'd never seen the northern lights so far south in the sky. Neither have I. The SA Es I had earlier on 6/23 was also auroral; I forgot to mention that in my report. For the few Es openings this year, the quality is there. Unlike last summer, while there were more Es hours, I had mostly Floridians. Also, in the opening of 7/11 I had Utah on 92.1. Five stations there, four are Xltrs and one very low power. That's also double hop, but I guess I can't log it as I just had Utah local news. I also believe the RKO around 94.7 is 94.9 in Boise, Idaho, also 2 Es. I'll check a list before I log anything. I'm pretty sure I was on 94.9 as CKQT kept poking thru. Lastly, I've found a sure way to make the MUF climb into FM. Write a report for the club one day ahead, logging nothing for that one day in the future. Then mail it promptly. You are then bound to get skip to foul up your reporting logs. In my case, I've done it three times, been slow to mail and have re-opened the envelope all of three times. Harry Hayes...I found your yearly report in June 82 VUD very interesting. In a few years, when I've accumulated a DX past, I'll do same.

\* \* \* \* \* 73's, Saul

Neil G. Zank - 623 Lyncrest Dr. - Lincoln, NE 68510

Equipment: Pioneer SX-750 Receiver, Archer 10 element Yagi w/rotor at 45 feet.

The following FM-DX has been logged new here for this season. Two Es openings have been noted so far, plus a few new or changed regionals.

6/18 GW KAUB	105.5 NE	Auburn
6/24 GW KBWH	106.3 NE	Blair
6/26 Es WKTZ	96.1 FL	Jacksonville
WKUE	92.7 FL	Green Cove Springs
WRVL	88.3 VA	Lynchburg
WMBJ	95.9 NC	Morehead City
WHSL	97.3 NC	Wilmington
WMFR	99.5 NC	High Point
WRAL	101.5 NC	Raleigh
WOKN	102.3 NC	Goldsboro
WAKG	103.3 VA	Danville
WXRI	105.3 VA	Norfolk
WPVR	94.9 VA	Roanoke

6/26 Es WPFW	89.3 DC	Washington
7/2 tr KKYA	93.1 SD	Yankton
7/13 Es WTMS	96.1 ME	Presque Isle
WTIC	96.5 CT	Hartford
WMMR	96.3 ME	Rumford
WATD	95.9 MA	Marshfield
WUPE	95.9 MA	Pittsfield
WCAU	98.1 PA	Philadelphia
WNAV	99.1 MD	Annapolis
WMZQ	98.7 DC	Washington
WGAY	99.5 DC	Washington
WHUR	96.3 DC	Washington

(No new states added this season)

John A. Callarman - 1122 Maple St. - Mt. Vernon, IL 62864

The local repairman has been having trouble getting parts to fix my rotor control and thus my antenna has been stuck on due north since June 7. I had not thought that would be so critical for Es, but apparently, it is. There isn't very much to pick from due north at 800 to 1200 miles, and the fine adjustments on the direction to take advantage of good tropo openings I've been unable to make. Still, some new stations have been added to the log.

July 4 - KFMW 107.9 Waterloo-Cedar Rapids IA beautiful signal 1032 (and now that lag time has caught up and I know local time is what's expected, local time it is). Good most of the day, but nothing else from that area could be squeezed through. Quad-Cities good, including best ever from KFMH 99.7 Muscatine. At 1630, WPOK-FM 103.1, Pontiac, IL was heard with beautiful music format.

July 5 - Keep the tape on all the time! Missed ID from WIXX 101.1, Green Bay, WI at 0800. At 2259, KCKK 88.3, Cedar Rapids, IA good with "Journey to Jazz."

July 6 - Up for the eclipse, and tuned the bands, too. WKLP 96.9 Moline, IL local quality with rock and "97-X" non-ID's, but got call at 0157. 0207-0230, WKKD 95.9 Aurora-Naperville, IL good. 0249 found 104.1 occupied by "2-104," who at 0300 gave me nice WZEE Madison, WI ID. "Continuous Country-106" noted on 106.1, but no idea who til later in the month.

July 13 - Only possible Es noted here briefly on 107.9 English speaker with forecasts and temperatures in Centigrade, one of locations Ile de la Madeline at 2305, then "The announcements" including for YWCA at 1355 Dorchester Blvd. W. Must have been CBJE, but no evidence on any other channel of anything, not even 100.9.

July 14 - Since 1315 this date, I've been chasing the "New US-99" on 99.5, Chicago, with country music, to get WUSN ID, but every "top of the hour" it's been WKDQ on the back of the beam, or occasionally WIKS or WQCY. At 2159, got full ID at last for WDEK 92.5 DeKalb. Heard WYCA jingle through WIL 92.3 at 1950, and finally, at 2000, got complete WYCA Hammond, ID ending that long quest.

July 19 - Heavy thunderstorms stretched from here to Galesburg and beyond, and for the first time ever, WBYS-FM 98.3 Canton, IL made it through. WIUM 91.3 Macomb, was in at 1538-1600, and WAAG 94.9 Galesburg, IL heard. They carry APR features.

July 20 - The most elusive Quad-Cities station (barring still unheard KALA) in at 1658 on 106.5 KRVR Davenport, IA, but KWK very tough.

July 23 - Good sequence for KRVR donut patrol here at 1659, including mailing address. Chicago beginning to show well, but WUSN 99.5 heard with good commercial sequences but no call letters.

July 24 - Things picking up on my unidirectional setup. 2330 Saturday night Dance Party, with big band music, on 100.9 is much-wanted WHPO Hoopston, IL. Up to 101.1 to try for a WKQX ID through WMRY, when in popped WIXX again, this time the tape is running. Nothing else that far north.

July 25 - Moving past midnight with WKKD 95.3 the strongest and most consistent Chicago area station in, showing precisely where the antenna is pointed, I guess. Weak heavy rock on 97.3 gives ID as "97-WLPX" at 0035, but WDWS 97.5 obliterates. WNIB's talk on 97.1 weaves in and out with KCFM. "Continuous Country-106" on 106.1 ID's as WMIL at 0115. By 0128 "Q-101, Q-101" singing ID is good here, and at 0200, had full WKQX Chicago ID. At 0132, WLOO saying only "FM-100" was weak and barely detectible through WKOA, Hopkinsville, KY, sneaking up behind. That night was better to the north, and WZUU 95.7 Milwaukee, WI was logged well 2156-2200 with WCRC off. KSAY 96.1 Clinton, IA in briefly with news and sports 2105-2110, saying KROS-KSAT. Dr. Demento on 100.7 occasionally scraped through WVTS, and turned out to be WRKR Racine, WI. One piece of luck at 2351 as I stopped on 102.7. WBMX gave full "WMBX Oak Park-Chicago" ID at that time. I wish they'd all do that. WZOK 97.5 Rockford, IL trying to sneak through strong WDWS at 2357, and at 2358, faint sign off on 97.7 turns out to be KNUY Clinton, IA, with mailing address for comments. Right at midnight, managed to hit 100.9 just as WQFL Rockford was ID'ing, and that's not a bad Class A catch for this far south in Southern IL.

July 26 - By 0150, "Rock-97 WZOK" had begun to break even with WDWS, for nice tape. At 0159, WFRN Elkhart, IN gave nice ID on 104.7, after gospel music heard. Rev. Brown's Gospel hour very strong on 106.3 turned out to be WLNR, Lansing, IL, and finally, to bed after "99-FM WXXQ Freeport, IL offers some good material at 0213 on 98.5, call ID's and mention of several sponsors in Freeport. Back to the drabs later in the day, but did note that WQRX 106.3 Benton, IL has changed calls to WQRL and calls itself "Your Rend Lake Information Station." It's a local.

I guess I'll have the antenna back in rotatable order by October or so, the way my luck is going...but it would have been nice to have been able to adjust even slightly to focus on Milwaukee and Cedar Rapids when the time was right. Best regards, John

\* \* \* \* \*

John Ebeling - 9209 Vincent Ave. S. - Bloomington, MN 55431

July has turned out to be a pretty fair month for Es - far better than I thought it would be. I've been kept busy DXing at both locations. Troops were excellent the evening of the 22nd and into the 23rd. Pulled in a number of Chicago stations - 90.1, 96.3, 104.3 and 107.5 (nerve wracking stations to have to listen to; not a second of dead air!) I don't get them here very often anymore due to the crowded band. Years ago used to get WFMF 100.3 via aurora a lot and they were automated and used a low freq. tone to key commercials, etc. That tone was always easily heard in the usual aurora hash. From Bloomington, MN location with CST time:

Table of radio stations with call letters, frequency, and location. Includes stations like WJER 101.7 OH Dover-New Philadelphia, WNOU 98.3 CT Willimantic, etc.

From Prosit, MN cabin:

Table of radio stations with call letters, frequency, and location. Includes stations like KFIM 92.3 TX El Paso, KTEP 88.5 TX El Paso, etc.

On 7/24, I had to leave, so don't know if this opening amounted to much. Also French on 88.1 with ID which I have yet to figure out.

(Editors note: John tells me he was listening to 92.9 WSCD in Duluth, MN in the early morning of July 9. Prior to transmitter shut down, WSCD was transmitting the signal of 91.1 Carlinville, IL. He even has a WIBI s/off taped on 92.9. John has written WSCD to ask about this, and hope he will let us know how this happened).

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Fred McCormack - Des Lacs, ND 58733

Large table of radio stations with call letters, frequency, and location. Includes stations like 5/8 tr, 0129 OKIT 104.9 SA Regina, el, j, 0955 KGCH 93.1 MT Sidney, "CH-93", etc.

From 135 Prairiewood Drive - Fargo, ND 58103

- Continued -

Table with columns for call sign, frequency, and location. Includes entries like 7/18 Es 1924 XHRE 105.5 COA Piedras Negras, 'R. Ensueno' and 7/20 tr 0605 CBWZ 104.3 MB Fairfield, CBC AM relay.

Table with columns for call sign, frequency, and location. Includes entries like 7/24 Es 1815 WHEB 100.3 NH Portsmouth 1290 and 7/24 Es 1818 WCRB 102.5 MA Waltham, 1285.

July was quite a productive month with some hot Es openings to areas where I have not logged many stations. The month saw the addition of the states of DE, ME, VT, and NH to my log book. Now if I could only get CA and WY, I would have the continental US completed. Hope to see a little tropo develop in August. 73, Fred

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David J. Nieman - 12284 Nice Rd. - Akron, NY 14001

\*ID on tape; New underlined

Table with columns for call sign, frequency, and location. Includes entries like 7/6 tr 0106 CJFI 99.9 ON Sarnia, r, o/CKFM 195 and 7/8 Es 1350 KNTU 88.1 TX Denton, j 1175.

Table with columns for call sign, frequency, and location. Includes entries like 7/14 Es 0017 KMSI\* 93.3 MO Kansas City, 870 and 7/14 tr 0050 KAYE\* 90.7 OK Tonkawa, r 1075.

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

Table with columns for call sign, frequency, and location. Includes entries like 7/1 tr 2129 WTIO 102.7 WV Charleston, m, ID 260 and 7/24 Es 1928 KOB 93.3 NM Albuquerque, r, call letters 1240.

Another good DX month with 37 new loggings. One interesting thing I've noticed about E-skip openings this season is that distances tend to be at the maximum during the first few minutes of the opening, after which they become somewhat shorter and signals tend to be steadier. Near the end of the opening, distances are shorter and signals are very erratic. Thanks to R. Strobel for calling and informing me about some of these openings. Hope everyone had a good time at the convention. 73s, Bob

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Best of DX, Dave

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Joseph Fela - 150 Robert Place - S. Plainfield, NJ 07080

Equipment: Pioneer SX-828 tuner. Antenna - pair of Antennacraft GFM-10s, stacked, about 35 ft. above ground level w/rotor. All times Eastern Local Time. New under

5/7 tr
2302 WOCQ 103.9 MD Berlin, r, "OC-104"
2308 WXXS 107.9 MA Medford, r, ID
2310 WVEF 105.8 MA Framingham, r
5/13 tr
1951 WRRB 107.9 NY Syracuse, k
5/15 Es
1954 WINZ 94.9 FL Miami Beach, r, "I-95"
1954 unIDs 92.1 ?? ?
5/31 Es
1245 Tentatives on Tampa 93.3, 94.9, & 104.7 Out by 1300.

6/7 Es
1838 KWKI 93.3 MO Kansas City, r, "The New 93-Rock"
1846 KNDY 103.1 KS Marysville, wx promo which includes mentioning the 92.1 x-lator
1852 KYNM 94.1 NE Omaha, ID
1902 KKRL 93.7 IA Carroll, legal ID
1906 KCMQ 96.7 MO Columbia
1910 KVIL 103.7 TX Dallas, ID
1914 KMAZ 92.9 NE Beatrice, k, ID in promo

1928 KBBG 88.1 IA Waterloo, s
1930 KNTU 88.1 TX Denton, "FM-88," News 88 Report
2003 WFCO 92.7 IL Arlington Heights, k, ID
2007 KPTN 92.1 MO Trenton, ID
2019 KRVR 106.5 IA Davenport, "K-River"
2020 WGSJ 104.7 IL Morris, Morris ads

6/8 Es
1838 KQDS 94.9 MN Duluth, r, ads, ex-KAOK
1853 KNNst 96.9 MN Grand Rapids, local ads, ex-96.7
1907 CITY 92.1 MB Winnipeg, r, "City"
1908 CHMT 97.5 MB Winnipeg, Winnipeg news items, local WPST too much.

6/11 GW
0730 WKDU 91.7 PA Philadelphia, Noted mentioning a 5 fold increase in power (which would make it about 500 w.) and a 45 mile range but not much better here.

6/12 tr
2230 Most Norfolk stations in strong.
2245 WNCT 107.9 NC Greenville, m, When did this one move from 107.7? Definately on 107.9 taking out WFSI/WDJF.
2307 WEXM 107.5 VA Exmore, ending Orioles baseball, then s/off. Easily o/local WBLs. Will save the rest 'til next time, including the 7/13 opening which started around 2330 and ran until 0100 for the latest FM skip ever heard here.

6/12 tr
2332 WLYT 95.7 VA Norfolk, old r, ex-WKEZ
6/13 Es
2330 KANU 91.5 KS Lawrence, ID
6/16 Es
2005 WPCP 93.3 MS Houston, wx, ID
6/26 Es
1150 KMBQ 93.7 LA Shreveport, r, "Q"
1155 KYKX 105.7 TX Longview, ads, ID
1200 KHPA 104.9 AR Hope-Prescott, r
1219 KLAZ 98.5 AR Little Rock, r
1230 KCFN 103.9 AR Pocatontas, promo, m
1300 WSSR 91.9 IL Springfield, ID
1308 WIBI 91.1 IL Carlinville, ending nx, community calendar

6/27 GW
0200 WRVH 105.5 NY Patterson, m, ID; Local WDHA 105.5 announcing reduced power (sounded, literally, like 10 watts), allowing WRVH to be heard. WZTA PA & WQCN CT actually stronger on the channel than either WRVH or WDHA for that matter.

7/5 tr
0112 WRXL 106.5 MD Baltimore, "Relax," ex-WMAR
0202 WRIU 90.3 RI Lincoln, s/off
7/11 Es
1952 KDLO 96.9 SD Watertown, ID
1954 KGLD 104.7 MN St. Cloud, r
1956 KRKK 103.9 MN East Grand Forks, "K-double R-K"

2000 CKWG 103.1 MB Winnipeg, k
2034 WIMI 99.7 MI Ironwood, r
2039 WMKC 102.9 MI St. Ignace, ID
2049 WAGT 92.1 IL Freeport, ID in jumble of signals
2104 WRLO 105.3 WI Antigo-Crandon, ID after news, m
2106 WJMT 93.5 WI Merrill, ending nx, m
2114 WLOL 99.5 MN Minneapolis, r, All over local WBAI for 8 minutes.

2122 WCCO 102.9 MN Minneapolis, promo
2125 KJJO 104.1 MN St. Louis Park, Call sounded like KJLJ instead of KJJO.
2129 KBRF 103.3 MN Fergus Falls, KBRF-FM ID, r, tough w/local WPRB-103.3
2130 KQIC 102.5 MN Willmar, ads, "Q-102" ID
2149 KQAA 94.9 SD Aberdeen, r, legal ID, "KQ-95" which started around 73, Joe

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Gord Lansdell - 156 West 18th Street - North Vancouver, BC V7M 1W4
Equipment: Toshiba SA-850 Rcvr, 10-elem. Yagi, rotor, coax feed.

7/5 tr (1981)
1300 KDUX 104.7 WA Aberdeen, r\$ 180
8/13 Es
2045 KMXU 105.1 UT Manti, mk 850
2107 KRLL 100.1 CA So. Lake Tahoe, rm\$ 700
8/20 tr
2200 KAOS 89.3 WA Olympia, pj 190
2230 KUGS 89.3 WA Bellingham, cr 60

9/11 tr (1981)
1300 KPDQ 93.7 OR Portland, g\$ 325
1330 KQFM 100.3 OR Portland, r\$ 325
7/11 Es (1982)
2100 KXLU 88.9 CA Los Angeles, c\$ 1300
2115 KPFK 90.7 CA Los Angeles, t\$ 1300
7/18 tr
2300 KSKD 105.1 OR Salem, r\$ 370

Remarks Cont'd

Happy to be a new member of WTFDA. I used to BCB DX in the late fifties and early sixties. KDUX is behing the Olympic Mts. and is a good tropo "guage" for me. KAOS is 1500 v. -19 HAAT. KUGS is 10. My best DX is KXLU, Los Angeles 2900 v. HAAT 10. I have confirmation letters for KMXU, KRLL, and KPDQ in 1981. I have requested QSL's for KXLU, KPFK and KSKD but it's too soon for replies. I always send tapes (cassettes) with my reports. Tr and Es seem to appear very late in the season here. DX appears much tougher than in the east with less stations available here and poorer conditions. One big plus is a clearer spectrum. I will contact only other BC member Rick Mathew first chance to see what he's been getting. 73's, Gord Lansdell

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Bob Seybold - Bennett Rd. - Dunkirk, NY 14048

5/15 Es WQUE 93.3 New Orleans, WBYU 95.7 New Orleans, WRKF 89.3 and WQXY 100.7 Baton Rouge, WLIN 95.5 Jackson, MS, WMCU 89.7 Miami and WFUZ 93.7 Ocala, FL, WYMF 94.9 Tampa. 5/16 Es WBRH 90.3 Baton Rouge, LA.
6/6 Es KVLV 91.3 Beaumont, TX, KUHF 88.7 Houston, KTXH 88.1 Lubbock, KETR 88.9 Commerce, KKED 90.3 Corpus Christi, KLEF 94.5 Houston, and KBRE 104.1 Houston, TX.
6/7 Es WQGS 88.3 Ft. Pierce, FL, WONO 89.9 New Orleans, KTYL 93.1 Tyler, TX, KLEJ 93.7 Austin, TX, KQXX McAllen, TX, WTVY 95.5 Dothan, AL, KOKD 92.7 Kingsville, TX, WFUN 100.1 Selma, AL, KYKS 105.1 Lufkin, TX, KTIZ 96.9 Alexandria, LA and others unided. More on next report.

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William R. Hepburn - c/o TCTI - 1950 Montreal Rd. - Cornwall, ON K6H 6L2
Equipment: Sears portable multi-band on 4th floor w/whip

6/6 Es
1834 WSHA 88.9 NC Raleigh
1838 unIDs 92.1 MUF
6/7 Es
1622 WDOQ 101.9 FL Daytona Beach
1623 WKTM 102.5 SC Charleston
1738 WOKI 100.3 TN Oak Ridge
WZXR 102.7 TN Memphis
to WDMs 100.7 MS Greenville
WASL 100.1 TN Dyersburg
1852 WYCO 102.9 TN Shelbyville
1900 WKYU 88.9 KY Bowling Green
2008 WJDQ 101.3 MS Meridian
2009 KWAM 101.1 TN Memphis

6/7 Es
2017 WKOA 100.3 KY Hopkinsville 870
6/14 Es
1205 unID 105.1 MUF
6/15 Es
1941 WPLQ 101.5 GA Brunswick 1025
1950 WRKT 104.1 FL Cocoa Beach 1190
2007 WZKI 101.9 NC Gastonia 765
6/26 Es (At Niagara Falls, ON)
1246 unIDs 91.1 MUF
935 1259 WTSU 89.9 AL Troy 855
6/28 tr (At Cornwall, ON)
0001 WNBX 103.7 NH Keene 190
73es til next time, Bill

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Alan L. Michalek - 227 Redlands St. - Springfield, MA 01104
Equipment: Panasonic RF 2900 with whip antenna

7/2 Es
1323 WMMK 92.1 FL Destin, k
1420 WDDQ 92.1 GA Adel
7/6 tr
2155 WKHI 99.9 MD Ocean City, r
2225 WQHQ 104.7 MD Ocean City-Salisbury
2300 WOLC 102.5 MD Princess Anne, g, AP
2315 WJRE 100.1 NJ Manahawkin
7/11 Es
1936 KSJR 90.1 MN Collegeville, MN Public Radio

7/11 Es
2100 KRIT 96.9 IA Clarion
2100 KCFM 97.1 MO Florissant
2103 KSEZ 97.9 IA Sioux City, r
2108 KBCM 95.5 IA Sioux City, k
2120 KIOV 104.7 SD Sioux Falls, k
2124 KPAT 97.3 SD Sioux Falls, r
7/13 Es
2250 KYCK 97.1 MN Crookston, "Kicker"
2300 KFNW 97.9 ND Fargo
2310 KDLO 96.9 SD Watertown, k
2320 WCOV 97.1 WI Sparta, k
2324 KTCR 97.1 MN Minneapolis
2345 KSEZ 97.9 IA Sioux City, r

1940 WCMP 92.1 MN Pine City, k
1943 WBSA 89.9 WI Brule, WI Public Radio
1950 WKKQ 93.9 MN Hibbing, k
2000 WIMI 99.7 MI Ironwood, r, The Source
2005 KQWB 98.7 MN Moorhead
2020 KVOX 99.9 MN Moorhead, k, "K-100"
2025 KBRF 103.3 MN Fergus Falls, r
2028 KTOF 104.5 IA Cedar Rapids
2030 KPNW 97.9 ND Fargo, g
2035 KLTZ 107.5 MN Brainerd, r, The Source
2045 KPMC 106.5 MN Fairmont
2050 WWCN 106.3 WI Middleton-Madison

7/14 Es
0010 KXJX 103.3 IA Pella
7/20 Es
2115 unID 97.5 ?? Twins-Brewers BB
7/21 Es
2010 KYKR 93.3 TX Port Arthur, "Kicker"
7/24 Es
1846 CTTI 92.1 MB Winnipeg, "City-FM"
1910 CHIQ 94.3 MB Winnipeg, "Q-94"

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Ernest R. Cooper - 5 Anthony Street - Provincetown, MA 02657 - 617-487-9337  
Receiver: Realistic STA-52; Double dipole rooftop antenna, approx. 50' above sea level. \*Means verie has been received.

It's been a pretty good E-skip season so far! Two years ago the first E-skip day here was 5/30; in 1981 it was 5/26; this year, it was 5/31. (Read across page-RS)

- 5/31 Es 1131 WCUP\*100.3 GA Tifton 1330 WJIZ 96.3 GA Albany
- 1346 WJCL\* 96.5 GA Savannah
- 6/2 Es 1301 WBHM 90.3 AL Birmingham 1302 WOCG 90.1 AL Huntsville
- 1311 WLRH\* 89.3 AL Huntsville, WLRH also has a program of band music Saturdays at 1100 as I have on local WOMR 91.9!
- 6/7 Es 1615 KASU\* 91.9 AR Jonesboro, (unneeded), classical mx; WOMR off.
- 1623 KWAM\*101.1 TN Memphis, (unneeded)
- 1626 unID 95.1 ?? Commercials for "Elkville" & "Carbondale" & Rel. program.
- 1639 WMC \* 99.7 TN Memphis 1642 KFMP 102.9 MO Cape Girardeau
- 1655 KEZK\*102.5 MO St. Louis, completely o/local WCRB, "E-Z" FM
- 1704 WIBI\* 91.1 IL Carlinville, Rel. programming.
- 1708 KSD \* 93.7 MO St. Louis, "KS-94" IDs
- 1714 KWPM\* 93.9 MO West Plains 1727 WZDQ\* 95.1 IL Decatur
- 1738 WGFA\* 94.1 IL Watseka 1746 KCFM 97.1 MO Florissant
- 1804 WQCY 99.5 IL Quincy, local girls' baseball or softball game.
- 1808 WWKI\*100.5 IN Kokomo 1812 KMZU\*101.1 MO Carrollton, "Mizoo-101"
- 1831 KMFL 102.9 MO Marshall, in/out with KFMP, heard earlier.
- 1856 KBKB 101.7 IA Fort Madison, MoR, then Mutual news at 1900.
- 1906 WRMG\*102.3 IL Aledo, nx, k 1929 WSSR\* 91.9 IL Springfield, "All Things Considered," local nx, interviews.
- 6/13 tr 0054 WEAZ\*101.1 PA Philadelphia, "Easy-101" IDs, and BFL music, where usually it's either WGIR NH or WCBS NY.
- 0117 WOLC\*102.5 MD Princess Anne, completely in solid; no sign of local WCRB - Black Rel. program; nary an ID till 0201 & just in time as WCRB faded back in at 0202 and WOLC was gone, gone, gone.
- 0222 WWDE 101.3 VA Hampton, in/out with WKCI Hamden, CT
- 0254 WNOR 98.7 VA Norfolk, r, ads for places in Virginia Beach
- 7/7 tr 0040 WFUV\* 90.7 NY New York, c 0055 WDSB 94.1 DE Dover, k
- 0234 WJMJ\* 88.9 CT Hartford 0240 WRSU 88.7 NJ New Brunswick, r
- 0258 WFDU\* 89.3 NJ Teaneck, (unneeded), Neil Adams' show.
- 7/11 Es 2058 KBGG 88.1 IA Waterloo, Black Rel. programming, good signal, but the only E-Skipper heard on the entire band!
- 7/12 tr 1116 WTOS 105.1 ME Skowhegan, nx from "The Source," then local nx.
- 1136 CFQM 103.9 NB Moncton, nx and sports nx, solid signal.
- 7/15 tr 0030 WKCR\* 90.1 NY New York, Talk program in Spanish.
- 0034 WSOU 88.5 NJ South Orange, pop mx and phone-in requests.
- 0110 WWHB 107.1 NY Hampton, r
- 7/16 tr 0043 WEAZ\*101.1 PA Philadelphia, (unneeded), "E-Z-101"
- 0100 WRTI 90.1 PA Philadelphia, Progressive jazz show, few IDs, with DJ "Ignatius," asking for phone calls.
- 0147 WRKS 98.7 NY New York, ex-WXLO; Fourth try for a verie!
- 7/20 Es 1800 WGBW 91.5 WI Green Bay 1808 KSJN 91.1 MN St. Paul
- 1823 WSPT 97.9 WI Stevens Point 1843 KCPI 95.3 MN Albert Lea
- 1830 unID 89.3 & 88.1, same program, French language, mostly all talk, no IDs or even hints of IDs; I suspect 89.3 is CBC's Thunder Bay, ON French language outlet, but I've no idea who it was on 88.1.
- 1850 WCOW 97.1 WI Sparta, local nx and sports.
- 7/21 Es 2018 KRMD 101.1 LA Shreveport, k; This is my 28th state logged on FM.
- 7/26 tr 0045 WBAI 99.5 NY New York, weak at first, then grew stronger. (WSSH, local NSPer was off this AM, but their carrier came back on at 0145).
- 0120 WPIX 101.9 NY New York, talk program, local WCIB off; signal in/out with WPOR Portland, ME, k. Third try for a verie.
- 7/27 Es 1035 unIDs 88.3 ?? One with classical music, not on the Robert J. Lurtzima Pro Musica show; the other with a high-powered preacher sounding like (ugh) Jerry Fagwell. Both had faded out before IDing.
- 1103 KCXV\* 90.5 MO Maryville, (unneeded) with local nx, then wx w/Mike Barnes.

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Mike Ehrhardt - 13515 Broadway - Alden, NY 14004  
Equipment: Kenwood KR-5030, w/stacked Winegard antennas at 30' above ground.

- 7/8 Es 0135 KIKS 93.3 TX Killeen
  - 0140 KFAN 101.1 TX Fredericksburg
  - 0149 KVIL 103.7 TX Dallas, local ad for "BRAMS"
  - 0159 KWJS 94.9 TX Arlington
  - 0206 KKAJ 95.7 OK Ardmore
  - 0214 KVRP 95.5 TX Haskell
  - 7/10 Es 0925 WFFN 92.5 FL Key West
  - 7/11 Es 1938 WOCM 97.5 NF St. John's, "VO-\$"
  - 2012 CPOZ 100.3 NF Argentia, "OZ Network"
  - 2104 KROA 95.7 NE Grand Island
  - 2109 KNEN 94.7 NE Norfolk, 24 hr. \$ ID
  - 2111 KPAF 97.3 SD Sioux Falls, "FM-97" ID
  - 2113 KBRX 102.9 NE O'Neill
  - 2117 KEZQ 100.3 AR Jacksonville, "FM-100"
  - 2128 KELO 92.5 SD Sioux Falls
  - 2129 KWQA 95.1 MN Worthington, "Serving the Tri-State Area"
  - 2129 KNWC 96.5 SD Sioux Falls
  - 2159 KESD 88.3 SD Brookings
  - 2201 KRWS 91.7 MN Worthington
  - 2208 KEZL 95.7 ID Twin Falls, "Music Country"
  - 7/12 Es 2346 KBUF 97.3 KS Garden City
  - 7/13 Es 0002 KVNO 90.7 NE Omaha
- Got a new province this time around. I'm very pleased with the WOCM-FM ID. We had a very odd opening that day (7/11). You might call it an AU-Es-Tr opening. It started out with aurora, then skip and tropo all together. What a mess. Es has been fairly good this summer in regards of intensity. When Es was in on 7/11, both local TV stations here on 2 and 4 were unwatchable. Heard quite a few complaints from neighbors about that. They thought their TV's were broken! Well, so much for this report. Best of 73's, Mike
- + + + + +

Ronald Purdue - Route #1, Box 224 - Byron, MN 55920  
Equipment: Realistic Modulaire-8 and Archer "Stereo Supreme" FM Antenna; Coax Lead-in

- 7/2 Es 1111 KAMZ 93.1 TX El Paso, r, "93-Z" 1125
  - 7/17 tr 2014 KNWC 96.5 SD Sioux Falls, g 217
  - 2018 KDOM 94.3 MN Windom, g 128
  - 2023 KTOV 104.7 SD Sioux Falls, k 217
  - 2028 KQAD 100.9 MN Luverne, r, ID, sports nx 184
  - 7/23 tr 0955 WRVM 102.7 WI Suring, g, nx 219
  - 1005 WIXX 101.1 WI Green Bay, r 222
  - 1015 WIMI 99.7 MI Ironwood, MoR, ads 276
  - 1024 KIWI 105.3 IA Dubuque, ads 145
  - 7/24 tr 1810 KRNA 93.9 IA Iowa City, r 175
  - 1840 KKEZ 94.5 IA Ft. Dodge, ads, r 128
- July FM-DXing has seen to be in a worse position as it was last month. Only one E-skip opening occurred on the 2nd. The rest are tropo catches which are fairly good. There is some local FM news in Rochester. A new FM station will be similar to KLSX on 90.7. This will be on around Christmas 1982. Format will be similar to KFSI in Rochester, MN but some local origination is being planned. The CE of KFSI in Rochester has asked the FCC to have the station return to full power (7 kw). But I expect there will be controversy from KAAL-6 TV viewers in the area of KFSI xmtr (more complaints), but KFSI listeners in Lake City, MN have been complaining of poor reception in outlying areas, even from Austin, MN! Well, that's it for now. I hope August will be a better FM-DX month than this month! So 73 and Good FM-DX. See you in 30.
- + + + + +



Eric Fader - 23-35 Bell Blvd. - Bayside, NY 11360  
DX from above QTH.

Dave Hascall 211 N. Merrill - Fortville, IN 46040

Table of radio reception reports from Eric Fader, listing call signs, frequencies, and locations such as '1/31 GW 0125 WRVH 105.5 NY Patterson, EZL'.

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

Equipment: Superadio- FM-48 antenna and CM amp. at 25 feet in Thornhurst, PA  
Zenith Trans Oceanic w/whip from Wilkes-Barre, PA

Table of radio reception reports from Harry J. Hayes, listing call signs, frequencies, and locations such as '6/26 Es 1125 KTKR 93.3 TX Port Arthur, ID'.

I would classify 1982 as an OK Es season, much better than 1981 but a little short of being what I call a good season. Skip is much scattered throughout the days (no real long dry periods) but openings are for the most part rather short with MUF hitting 88 MHz + for brief periods. If one doesn't keep an eye on the TV constantly, it's easy to miss many openings this year.

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Table of radio reception reports from Dave Hascall, listing call signs, frequencies, and locations such as '6/26 me 0620 unID 93.1 short burst so loud, it scared me! WNAP off'.

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Ralph Strobel - 2300 E. McGalliard Rd. - Muncie, IN 47303  
Equipment: McIntosh MR-78; Channel Master \$ Probe 9 at 60 ft.

Table of radio reception reports from Ralph Strobel, listing call signs, frequencies, and locations such as '7/8 Es 1102 KRVS 88.1 LA Lafayette, j\$ 830'.

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# THE HOVERMAN

If you live in an apartment and can't put up a rooftop or tower mounted antenna for UHF TV DXing, you may have noticed that it's hard to get very good results with a built-in loop or single bowtie. If you have a decent amount of height above ground, it may help, but for decent long-haul UHF DXing, you need high antenna gain.

Some DXers have tried using parabolic dish antennas inside, and even if you are somehow able to fit a 5- or 7-foot UHF dish in an inside room, you may be in for a big disappointment. Parabolics never seem to really work well inside. It would seem that in order to work effectively, a dish has to be above roof level, as high and as in-the-clear as possible.

Most UHF yagis are pretty well out of the question for indoor antennas. They often have very long booms, and tend to work well only on a small portion of the UHF TV spectrum. It's too bad, because they usually offer very deep nulls and high directivity, second only to a large dish.

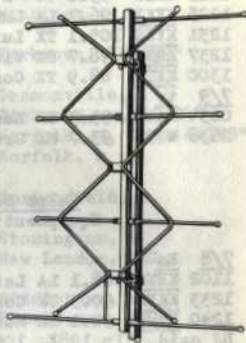
But how can you have high antenna gain for DXing, and still have an antenna that easily can fit in a small apartment--say one that's easy to put away in a closet when not in use? The best approach to use is to go with a stacked-bay bowtie.

This type of antenna has long been overlooked by the TV DXer, since they were more or less "replaced" by parabolic dishes in the "deepest fringe" classification in the catalogs. Many experimenters will be shocked to learn this fact: stacked bay antennas will outperform parabolics, in terms of gain, on the low end of the UHF TV spectrum. In fact, a well designed 4-bay has significantly higher forward gain than a 5 foot dish on the lower UHF channels. The dish will have much deeper nulls however, and the front-to-back ratio will generally run rings around the 4-bay. And, when you get up to the translator channels above ch 50, it's no contest--the dish is far superior.

However, there is one type of 4-bay that really isn't a classic 4-bay, but an interesting variation on the design--and it is relatively cheap, as well as a very high performer. The Hoverman design seems superior to the standard 4-bay configuration, as it offers greater gain over a larger bandwidth. Unlike the individual stacked bays in a conventional 4-bay, the driven section of the Hoverman is actually a pair of aluminum wires which seem to be able to maintain resonance over a large chunk of spectrum. The reflector section, instead of being the usual grid-type screen, is a collinear array of four pairs of reflectors--actually eight half-wave segments.

This approach to a 4-bay antenna results in higher average gain over the range of the mid ch 20's to the mid ch 50's, resulting in an antenna that is ideal for DXing the most active part of the UHF TV range, with higher gain-per-size than any other UHF antenna in that range. With dimensions of 30" x 30" x 6", it can easily fit into a small space. Also, it is very light, at less than 1½ lbs. Thus, it's also easy to take with you on a trip, if you have the space.

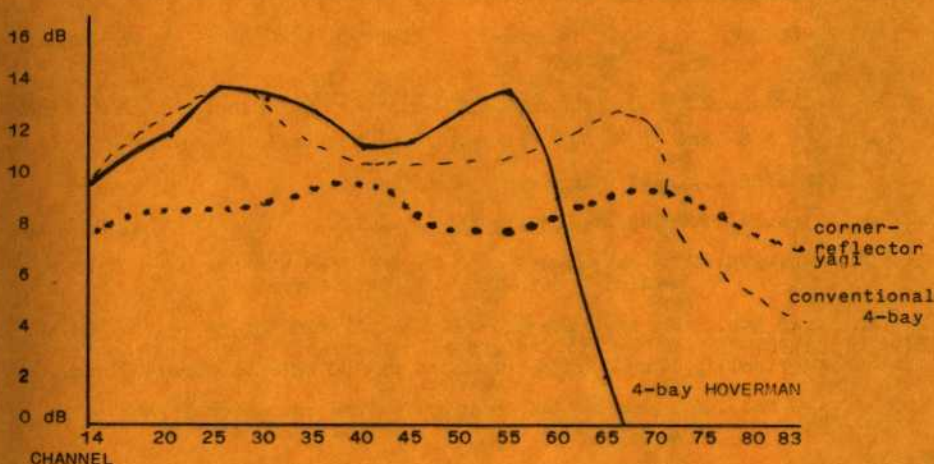
The 4-bay Hoverman is made by the Antennacraft (actually, Winegard) company and sold as the G-1483. They also manufacture it for Radio Shack, which sells it as the model 15-1627. As of this writing, it was selling for less than \$12 at RS at most of their outlets. Dealer price for the antenna from the Antennacraft factory should be less than \$9--but availability may be



## THE HOVERMAN

limited. Since Winegard actually controls the antenna's production, it may not be available from any other source except Radio Shack, as it is not currently a popular antenna design. In fact, RS used to offer an 8-bay version of this design several years ago, but apparently dropped it in favor of various overpriced yagi designs. It would not be too surprising if they drop the 4-bay Hoverman soon, as such national chains tend to phase out designs that are not profitable, despite their performance.

The graph below can assist you in evaluating the Hoverman's performance. It's based on actual measured forward gain, as performed by the author of an excellent antenna reference text, M.J. Salvati. The curve is our own, based on Mr. Salvati's published measurements and the measurements done by an FCC study on antennas.



As you can see, this antenna will not be effective for DXing above about ch 50; but below that channel, will far outperform a typical conventional 4-bay or a corner-reflector yagi for general UHF TV DX purposes. Keep in mind one major drawback; front-to-back ratio on this type of antenna is very low. However, you can live with this on UHF, although the channels are becoming quite crowded.

When used with a hot UHF TV preamp such as the Winegard AC-4990, this antenna will give you excellent indoor UHF DXing results. In fact, it can work so well, you may want to sneak up on the roof when your landlord isn't looking!

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# PAY-TV SIGNALS

HOW TO IDENTIFY THE SYSTEM BEING USED