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 Suffalo. 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 VID 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 VIII 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 ""TFDA HO." Soon, we hope that a Buffalo-area group will be taking over publishing duties, freeing like to handle club business. Pear with us in the coming months, as we shift VUD publication to New York State. Club HO 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 AMARC REPS... Two volunteers have come forth to represent MTFDA in ANARC, the Association of North American DX Clubs. They are: Bill Grant, of Worcester, MA, and Steve Sprachman, of Seaford, NY. Me'd like to thank them for filling the positions, joining Pete Oprisko as representatives to the Association.

MITEDA 182 CONVENTION... Late July brought a larger-than-expected turnout to Staten Island for this year's club mathering. We're planning a report, with photos, in the October VID. 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!

MAILBOX: JZ breaks a personal record with his last column..........3 FCC FW NEWS: It's educational FM versus TV channel 6 (again)....4 FCC TV MEMS: More on teletext; Is "Unly George" a pirate, too?...6 VHF UTILITY DX: Great July low band skip catches................28 SOUTHERN FU DX: The good F' skip continues for most......32 NOPTHERN FO DX: Another huge column; Andy Polin lons #2100111...41 THE HOVER'MAN: An ideal DX antenna for apartment dwellers?......58

ON THE COVER: "Vinegard PR-550 VHF TV antenna, courtesy Winegard.



New Members: Peter Fountas

Steven Taaffe

William Townshend

5147 N. East River Road Chicago, IL 60656

621 Warren 4500 Connecticut Ave. NW, #901

Topeka, KS 66606 Washington, DC 20008

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

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

Address Changes:

Don Blevins-499 Monterey Ave.-Odenton, MD 21113 Jim Hopkins-Apt. #742-1-Hatfield Village Apts.-Maple Ave.-Matfield, PA Paul Mitschler-508 Watson-Topeka, KS 66606

Market State Control of the August 200 State of the August 200 State of the State o

Renewals Due in October: Tom Bishop, Tom Copeland, Robert Eddy, Vernon Eaton, Fhil Epstein, Richard C. Evans, Charles George, Harold Hawkins, Fred Holland, Doug McAbee, August Miller, Erik Nagel, R.L. Neva, Vince Pearlingi, 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 BCB 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).

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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'; a. BR Christian School -- in Miami ch. 6 TV land! GA Soperton 101.7 1500 h.v: 475' GA Thomeston 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 *89.1 490 i.v. 230'; a; N. Central Christian Broadcast. | Minnesota Christian MN International Falls *99.5 100000 h,v; 580'; g/ MY Frankfort 105.5 3000 h,v; 300' OK Alva 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 Breckenridge 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 Ronceverte 97.7 3000 h,v; 270'; km WY Laramie 95.1 100000 h.v; 1010'; m. WY Thermopolis 98.3 3000 h.v: 420'

watts, CBM (AM) Montreal PQ relayer. Strange, why not relay CBW Winnipeo? MB Poplar River (150 km ESE Grand Rapids) 103.5 84 wetts, CBM relayer MB Shamattawa (200 km NE Oxford House) 105.1 41 watts, CBM relayer

PR Ponce WEUC *88.9 11000 h,v; 2910' Catholic

MB Brochet (200 km NW S. Indian Lake) 105.1 41

NB Fredericton 93.1 45000 \$ k[quetry] NF Carmenville 92.5 1700 (120 km NW Bonavista) CBG Gander relever. NS Eskasoni Indian Reserve (45 km s.w. Sydney)

99.1 44 watts, e (Micmec plus 241/2 hours a week in English; what's "Micmac"?) NS Yarmouth 107.3 1180 CBAF Am. French ON Little Current (Manitoulin Island) 97.5

21000 - CBCS relaver ON Timmins 96.1 46000 - CBCS Sudbury relayer 97.1 47000 - CBON ". French

PQ Betsiamites (40 km N. Rimouski) 95.1 1 watt. 85% Montegnais, 15% French. PQ Carleton 94.9 45600, m, 40 km ENE Camp-

bellton NB), French with 1 hour/day English PQ Cloridorme (40 km WNW Riviere-au-Renard) 105.1 204, ex CBGA AM, French

PQ Gaspe' 88.5 2160 CBM relayer, English 89.3 2160 CBGA relayer PQ Grande-Vallee (60 km WNW Riviere-au-Renard) 104.1 2110, CBGA relayer

PA Gros-Morne (80 km W. Riviere-au-Renard) 94.5 40 watts, CBGA relayer

PO L'Anse-a-Valleau (15 km NW Riviere-au-Renard) 101.5 83 watts, CBGA relever PQ Les Escoumins (130 km SW Baie-Comeau) 1

watt with 30% French and 70% Montegnals

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 relaver PQ Mont Louis-en-Haut 106.1 2040 (100 km W.

Riviers-au-Renard), CBGA relayer PQ Points-Blaue (35 km S. Dolbeau) 107.3 1 w.,

Montagneis and French PQ Quebec CHIK 98.9 41000 h,v PQ Schefferville (285 km N. Fermont) 89.9 1 w.

90% Naskagi Montagnais; 10% English. 106.9 1 watt (85% Montagneis, 15% Fr.) YT Old Crow (300 km ENE Fort Yukon AK) 88.9 1 wett, ethnic, Native and French

Contributions invited!

Facilities' Changes AL Sviacauga WMLS 98.3 2700 h,v; 310' AR Harriston KHGZ-FM 102.9 100000 h.v (630) CA Oakdale KO KO 95.1 500' (50000 h.v) CA Sacramento KEWT 105.1 480' (50000 h.v) CA San Francisco KKHI-FM 95.7 6300 h.v; 1290' FL Jacksonville WIVY-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 WET L *91 7 vertical MA Nantucket WGTF 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 WJB L 94.5 20000 h,v (500') MO Columbia KWWC *90.5 130' (1250 h.v) MO Ferguson KCFV *89.5 100 h. 64 v: 160' MO Jonlin KKUZ 102.5 410' (100000 h.v) NV Reno KNEV 95.5 70000 h,v; 2210' nondirection NJ Hazlet WVRM *89.3 9 watts; 130' NM Clovis KCLV-FM 99.1 74000 h v (2302) 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; 890 WEBN 102.7 17000 h,v; 8801 OH Columbus WXGT 92.3 18000 h,v; 750'

OH Dayton WGXM *97.3 (from 88.1) 13; 58' OK Oklahoma City KOFM 104.1 100000 h.v; 1320' OR Florence KMTB 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 Braddock WFFM 96.9 17000 h.v: 1000' TN Dayton WNFM 104.9 420 h,v; 700' TN Tullahoma WBGY-FM 93.3 910' (100000 h.v) TX Eastland KVMX 96.7 2850 h,v; 310*

TX Mercedes KTXI 106.3 600 h,v; 600 TX San Angelo KIXY-FM 104:7 100000: 140 VT Colchester WWPV *88.7 This warts (821) WA Moses Lake KWIQ-FM 100.3 100000h,v (210') WA Seattle KYYX 96.5 100000 h,v; 740' WV Charleston WVPN *88.5 300' (50000 h.v) WI Washburn-Bayfield WBWA 105.9 Dolby PR Vieques Island NLID 98.9 950' (50000 h.v) AT Edmonton CJAX 92.5 100000 h.v. nondirect'l

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. 93) NF Ramea 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 Changler CBVB 103.7 (from 94.7) 222 watts PQ Escuminac CBVA 98.1 (frcm 95.5); 827 watts PQ Harrington Harbour CBMU 95.3 (from 95.5) PO New Carlisle CBVN 101.5 (from 93.1) 780 watts PQ New Richmond CBVR 103.5 (from 107.5), 846 PQ Perce CBVP 91.1 (from 89.7) 840 PQ Port Daniel CBVF 100.5 (from 101.5): 234 w.

PQ Thetford Mines CBV-8 90.1 (from 103.3) CBMC 92.3 (from 91.7)[(3931) PQ 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 ic

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 103.3 s, no longer sr GA Atlanta WVEE GA Buford WGCO 102.3 kg (from gk) IL Normal WIHN 96.7 rm

IL Peru WIVQ 100.9 m, Stereo-101
IN Vincennes WVUB *91.1 mc (as result of WTHI-FM 99.9 Terre Haute going country) NE Lincoln KUCV *90.9 PI

IA Waterloo KBBG *88.1 P (Net'l, Public Radio) IA Dubuque KLYV 105.3 rock, "Love Rock" KY Jeffersontown WJYL 101.7 rock

KY Lexington WVLK-FM 92.9 k, now K-92, "What Crap," muses T. Fleischaker! KY Louisville WKJJ 99.7 rm

LA Ville Platte KVPI-FM 93.5 UPI Audio MD Braddock Heights WZYQ-FM 103.9 r (hot hits), strict Z-104 nonID 10.105

MD Catonsville WOSR 105.7 O, nonID strict:/ MD Salisbury WKYZ 105.5 m. NBC MN Brand Rapids KNNS 96.9 ABC-Entertain't MN Marshall KMHL-FM 100.1 rock

MS Meridian WO KK 97.1 k [Z-93, not strict. NE Beetrice ("be-at'-ris") KMAZ 92.9 light r. / NJ Ocean City 98.3 rock

NY Middletown WKG L 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-98FM

(strict), "Superadio," but doing its ownthing.

OK Bartlesville KYFM 100.1 k OK Broken Arrow KMYO 92.1 7-ARC Direction (was I, ABC Information) OK Oklahoma City KXXY 96.1 k

KLTE 101.9 O (CBS' Radioradio) -from CBS OK Woodward KSIW-FM 93.5 rock PA Pittsburgh WPNT 92.9 m, not rm PA Washington WYTK 95.3 k, K-Country SC Columbia WCOS-FM 97.9 k, still "Great-98" TN Chattanooga WMBW *88.9 B network (possibly changing to International Media Service, using "NBN" and "IMS" on the air).

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 NRC VA Winchester WUSQ 102.5 k, Q-102 (strict) WI Antigo-Crandon WR LO 105.3 Mutual WI Ashland WATW-FM 95.9 rock (not strict. WI Janesville WJV L 99.9 k, "100-Country", / WI Wausau WIFC 95.5 ABC-FM

TX Mc Allen KVMV 96.9 English, no L, \$,

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 mr (from m) MEXICO Monterrey XHJD 98.9 rock (English). mentioned they were No. 1 in Monterrey.

SCA (67 kHz); abbreviated † AL Decatur WBUM *91.7 no SCA AL Muscle Shoals WLAY-FM 185.5 talk (other than Mutual, coded "L"?) AL Tuscaloosa WUAL *91.5 no SCA

WUOA 95.7 music AR Batesville KZLE 93.1 music. Stereo? AR Fort Smith KTCS-FM 99.9 no SCA AR Jonesboro KFIN 107.9 †X CA Buena Park KBPK *90.1 no SCA CA Inglewood KACE 103.9 no SCA IL Carmi WRUL 97.3 tX 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 1X KY Louisville WUOL *90.5 no SCA until local talking book service decides where to go

MS Baldwyn WESE 95.9 †M MS Batesville WB LE 95.9 †A MS Corinth WADI 95.3 no SCA MS Greenville WBAQ 97.9 no SCA

WDMS 100.7 †X (chirps, etc.) MS Jackson WTYX 94.7 no SCA MS Leland WBAD 94.3 no SCA MS Tupelo WZLQ 98.5 +X MS Vicksburg WQMV 98.7 †X WKYV 108.7 no SCA

FCC-FM

MS West Point WKBB 100.9 no SCA NJ Trenton WKXW 101.5 1X OK Clinton KCCC-FM 106.9 †X OK Hobart KQTZ 105.9 †X OK Oklahoma City KATT 100.5 no SCA PA Philadelphia WCAU-FM 98.1 †F (Dow 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 WOJB *88.9 no SCA Stereophonic Transmissions CT Hartford WJMJ *88.9 mc, †TB [102, strict. II Dixon WIXN-FM 101.7 k. Stereo Country / IA Burlington KDWD 93.5. mr LA Alexandria KRRV 100.3 MI Big Rapids WAAQ 102.3 r, Q-102 (not stict); music sounded out of phase on a mono 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 CINQ 102.3

MEXICO XHPR 101.3 Veracruz, aiso music SCA **DROPPING STEREO?**

IL Loves Park WLUV-FM 96.7 Call Letters Assigned or Changed AL Troy 105.7 WIGC (WRES) k (from kr), still "FM-106," CNN Radio Network AK Anchorage 106.5 KWHL AR Hot Springs 97.5 KWBO (KGUS), muisc to k AR Murfreesboro 95.3 KJKK

CA Red Bluff 102.3 KRBQ (KKRB) CT Hartford *90.9 WKKA FL Cocoa 99.3 WEZY-FM (WEZY) IN Tare Haute 187.5 WZZQ (W80Q), still k, now "Q Country"

IA Bloomfield 106.3 KXOF KY Vanceburg 104.9 WKKS-FM (WITD) ME Augusta 101.3 WKCG (WFAU-FM) MI Detroit 92.3 WCXI-FM (WTWR), k

MI St. Johns 92.1 WQTK"-FM" (WQTK-FM) MI Scottville 95.9 WKZC

MN Bemidii *88.5 KCRB"-FM" MN Rochester *90.7 KLSX"-FM" MO Kansas City 93.3 KLSI (KWKI), rock

NM Taos 99.3 KVNM (KXRT) NY Buffalo *91.3 WBNY

104.1 WNYS-FM (WACJ) NY Remsen 93.5 WAES" FM" OH Greenville 106.5 WLSN, 50000 h,v; 1901. \$, kr, replaces deleted WDRK Greenville OK Henryetta 99.5 KGCG"-FM" (KHEN"-FM") SC Greenville *89.3 WLFJ

SC Orangeburg *90.3 WIMC TN Bristol *91.5 WKKG TX Bridgeport 96.7 KWCS, 210' (3000 h.v) TX Gatesville 98.3 KPEP (KMCS) TX Roma *97.7 KBM1

TX San Antonio *90.9 KPAC PR Quebradillas 98.3 WREI"-FM" (WREI-FM) AT Falher 103.7 CHFA 7

BC Moricetown 96 5 CRT1 NB Fredericton 91.3 CBD-FM NB muncton 95.5 CBA-FM, 98.3 CBAF-FM NF St. John's 97.5 VOCM-FM

NS Bay St. Lawrence 90.1 CBIB NS New Glasgow 89.5 CBHN NS Truro 89.1 CBHC

ON Pembroke 96.7 CBND (CBCO-52) ON Wunnumin Lake 90.1 CJPM (CHPN) PE Charlottetown 96.9 CBCT (was CBC-FM)

PQ Camp Chaumont 96.1 CKBJ-4 PO Duplanter 99.1 CKBJ-5 PQ Fort Chimo [Kuujjuaq] 90.1 CKUJ

PO Riviere du Loup 103.7 CION SA Pelican Narrows 105.9 CBKW SA Regina 98.9 CIZL, Z-99, rp. \$tereo MEXICO Mexico City XHPR 88.1 (not XHVIP) Slogans, non1Ds

AZ Phoenix KKLT 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 Duinev WGEM-Fm 105.1 Gem-Country, E, not El is in TV receiver design, and the FCC admits IL Springfield WFMR 104.5 B Country 105 not strict this, but is trying to solve this by limiting the IN Terre Hatue WTHI-FM 99.9 1-99. still k LA Alexandria KT/Z 96.9 97-T/Z MN Forest Lake WLKX 95.9 no nonID

MO Osage Beach KYLC 93.5 KY-93 NY Geneva WECQ 101.7 CQ-102, not Q-102 NY New York WKHK 108 7 Kick-106 OH Salem WOXK 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 Big Band-101 PA Shamokin WSPI 95.3 I-95

TX Austin KASE 100.7 Case-101 TX Denton 106.1 KIXK 106-FM TX Houston KLEF 94.5 Clef TX Longview-Tyler-Marshall KYKX 105.7 KX-105

TX Waco 95.5 KNFO K-95 VA Yorktown WKEZ 94.1 EZ-94 still country

WV Wheeling WKWK-FM 97.3 FM-97 **Dual-City Identification** OH Alliance WDJQ 92.5 Alliance-Kent

Off Air (see also SCA column)

Ontonagon MI.

6 TV stations in the country. The real problem 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 consequently your financial support. Do not let it happen!" The letter points out educational FM has 1190 stations and growing, while TV channel six has 59 stations and fixed. It save TV viewing is down, and points to the need for public F's 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 reported my operation, they decided it is illegal

The pitting of FM versus TV forces is seen in an

alarmist letter sent out by will Lik *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

September, 1982

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.

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 WDSD 94.7 Dover DE and WOBM 92.7 Toms River NJ have directional antennae; poor signals to the north, but excellent to the west. WMHR 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. WGTF, 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. WMFO *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 KFSI *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 been cut to 3,500 watts because of a very few complaints of interference from KAAL TV channel 6 viewers to the Austin MN station.

David J. Nieman, Akron NY, checked on WRUR Rochester NY. "They are still 970 watts h and v in stereo and antenna 120 feet. I think they get out quite well for their power and ant. height. I can hear CFRC-FM *91.9 Kingston ON at 210 km across the lake, with their power and ant, being close to what WRUR has. Chernos better have his receiver checked." Phil Boersma sent an article on the plight of WDET *101.9 Detroit, with Wayne State U. cutting most of its funding, forcing the station to go to community groups for necessary operating monies.

Dave Walcutt sent more information on Dowalert, the talking financial news service on WCBS-FM and a few other stations. It is definitely in clear voice, with modified SCA radios able to fully enjoy it. And National Public Radio wants to use a †X SCA for business data transmissions, possibly displacing talking book SCA from 67 kHz. Danny Buntin wonders if KALU *90.7 Langston OK is upping to 3 kw, but nothing from FCC on it. FM Atlas errors pointed out by Richard Reese: p. 116 CBAF-28, not CBAF-20 Edmunston NB; p. 94 CHOI 98.1 (not 198.1) Quebec PQ; p. 31 KHAA 106.7 (not 100.7) Port Sulphur LA, p. 92 Campbellton NB 88.9 CBAF-23 calls missing, p. 51 KOOV Copperas Cove TX 103.1, not 103.3; p. 92 CBWE (not WBWE) 95.5 Easterville MB. In MI, WTIQ (AM) Manistique has filed for bankruptcy; they are an applicant for 94.7 there. The Desnicks, owners of WHUH 97.7 Houghton, where Paul Petosky is general manager, have filed for 98.3 in

Contributors to be listed next montia!

TV NEWS

Bill Fahber

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APP	LICAT	ONS	FOR NEW TELEVISION STATIONS	• [
CH	ERP	HAAT	CITY/STATE/APPLICANT	• ,
22	1227	1095	Waterloo, IA; Waterloo Family TV Lawrence, KS; Miller Broadc'g	Te.
38	699	708	Lawrence, KS; Miller Broadc'g	•]
27	1250	901	Laredo, TX: K-RIO Broadcasting	Co:
27	1426	494	Laredo, TX; Oro Bc'g System Laredo, TX; Panorama Broadc'g Co	•]
27	5000	948	Laredo, TX; Panorama Broadc'g Co	Co
68	93	775	Naguabo, PK; James Kodriguez, MD	•
29	5000	1309	Secremento, CA: Trefoil Broadcle	No:
27	4920	474	Laredo, TX; Tierra Del Sol Bc'g	•
17	1387	520	Laredo, TX; Tierra Del Sol Bc'g Newark, AR; Newark Public School Missoula, MT; James A. Bender	h
17	1000	2615	Missoula, MT; James A. Bender	AP:
59	1640	2345	Fresno. UA; Alden Communications	(*
59	2671	2061	Fresno, CA; Fresno Family Telev. Sanger, CA; Sanger Telev.Partners	CH
	5000	1949	Sanger, CA: Sanger Telev.Partners	26
		3000	Santa Rosa, CA; Black Television	31
	,	,,,,,	Workshop	24
22	1000	459	Key West, FL; Key West Televis-	29
			ion Partners	23
65	รถถด	1387	Orlando, FL: Metro Broadcasting	28
33	2/83	1202	Shreveport, LA: Media South Bc's	20
26	5000	2000	Orlando, FL; Metro Broadcasting Shreveport, LA; Media South Bc'g Knoxville, TN; Robert L. Bertram Anacortes, WA; Sterling Assoc.	56
21.	35/A	2301	Anacortes, WA: Sterling Assoc.	23
74 15	8-13	1037	Christiansted, VI; W.C.White	41
				20
MOI			LICATION	
54	122	825	Huntsville, AL; C. Michael Norton	CP
CON	ISTRII	TON	PERMITS GRANTED BY THE FCC	(*
13	316		Mount Vernon, IL; Pyramid Bc'g.	31
		1026	LaCrosse, WI; Quarterview, Inc.	۲.
12	5000	1203	Austin, TX; Austin Television	1
16	5000	1590	Little Rock, AR; LRTV Limited	20
	7000	.)) 0	Partnership	~~
23	405	627	Decatur, IL; Decatur Foursquare	42
رہ	40)	OZ I	Rroadcasting	23
67	1800	2052	Broadcasting High Point, NC; High Point Com-	~
٠,	4500	مر <i>ن</i> م	munity Television, Inc.	l
61	1004	963	Bay City, MI; Vistacom, Inc.	İ
	5000		Riverhead, NY; Life Broadc'g	65
"	7000	097	Network, Inc.	30
,,	2761	1616	Greenwood, SC; Metro Communica-	۲
40	2/01	1010	tions Couth Tre	1
	611	115,	tions South, Inc.	20
43	046	1154	Knoxville, TN; Knoxville Family	28
			Television, inc.	AP
49	2796	1005	Norfolk, VA; Focus-Tidewater, Inc	46
22	5000	1483	Seattle, WA; Tavitac Corporation	111
AP	PLICA	TIONS	DISMISSED BY THE FCC	8
•	Austi	n. TX	ch. 42; Mountain Laurel Broad-	15
ca	sting	Inc	; ch. 42; Mountain Laurel Broad- ; Television Corporation of Cen-	-
tra	al Te	xas: '	Texas Television, inc.	CH
•	[ittl	e Roc	k. AR: ch. 16: Central Arkansas	111
Те.	levis	ion.	Inc.: Gemini Broadcasting Co.;	22
				31
Ro	ck TV	16.	Inc.; May Broadcasting of Arkan-	44
sa	s. In	c.: T	asting of Little Rock; Little Inc.; May Broadcasting of Arkan- eleco Arkansas, Inc.	1.
•	ресат	ur. 1	L; Ch. 25; Jackson lelecasters.	51
•	Hiøh	Point	. NC: ch. 67; Fox Media, Inc.:	1.
است.	iad F	amily	, NC; ch. 67; Fox Media, Inc.; Television, Inc.	12
•	St. P	eters	burg. FL; ch. 38; Oak Television	
of	Tamr	a Rav	, Inc.	١.
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•	Hammo Hammo	nd. T	N; ch. 62; Hammond Telecasters.	1
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• N	orfo	LK, VA	; ch. 49; Focus Broadcasting of
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• 5	eatt]	Le, WA	; ch. 22; Seattle STV, Inc.
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20	1600	1222	"Chicago, IL; WCIU-IV
ادا	1020	204	Alexandria, LA; KLAX-TV
24	1387	1307	Baltimore, MU; WKJL-TV
29	1811	1226	Minneapolis, MN; WFBT-TV
23	3055	1199	Albany, NY; WXXA-TV
28	1198	2000	Spokane, WA; KAYU-TV
20	2421	1239	Chicago, IL; WCME
56	1230	732	Fairfax, VA; WNVC
23	1740	1170	Minneapolis, MN; KTMA-TV
41	2770	1470	St. Cloud, MN; KXLI
20	5000	1807	Houston, TX; KTXH; TL to 0.6 mi.
1	,	- •	Houston, TX; KTXH; TL to 0.6 mi. east of Missouri City boundary
(*	indic	ates	stations already on the air.)
31	5000	1490	*Sacramento, CA; KRBK-TV; TL to 1.8 mile ENE of Vorden, 0.29
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20	2239	1201	*Waterbury, CT; WTXX; TL to
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23 65	?	?	Concord, CA; KFCB Charleston, WV; WVAH-TV; TL to south side of Poplar Fork Road, 1.53 miles north of US Route 60 near Scott Depot.
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65 30	93.1 1321	? 422 988	Concord, CA; KFCB Charleston, WV; WVAH-TV; TL to south side of Poplar Fork Road, 1.53 miles north of US Route 60 near Scott Depot. Beattyville, KY; Hour of Harvest Fort Myers, FL; WSFP-TV; TL to 2.9 miles south of Tuckers Corner on State RG. 31, Fort Myers.
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CALL LETTERS APPLIED FOR: NEW STATIONS Florence, AL; Alabama Managament 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 KSNG 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 KEHB-TV El Paso, TX; Paso Del Norte Bc'g CALL LETTERS GRANTED: CHANGE EXISTING 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 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 lev-el); 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 Broadcast-

ing 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 bus 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.

Christopher Hanley sent in a clipping about the defunct WHNS-TV, channel 21 in Asheville. North Carolina, which Pappas Telecasting tool 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, WSWS, ch. 66, Opelika, AL, to ID as Opelika not WNJV. 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 portapack 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 publicaccess 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 WSBA. 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 WNVC 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 peti-

tioned the FCC to provide the frequencies for

a multi-channel MDS system, which would

remove available channels from other services and engineering data to anybody sending me 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 lioke in Charm City.

Ron Purduereports 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 Turcsany, WATR, ch. 20 in Waterbury, CT, is 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 a transmitter tower, and its construction for Canadians, and triple that rate for those permit might be expiring pretty soon. outside of Canada. I sent Bill a copy of mine, and I can clearly understand his disghust over the matter. He says that the Canadian government used to be overly generous with free material toward him also. Let

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 ovserved 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 WTFDA 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 WDZL, 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 now WTXX, 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

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 me add that I will send a copy of the com-English text pf the plan with all the charts 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 need to adjust the vertical control. It 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! Idon'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's see what it looked like when they run theirID-solicitation slide. Would you believe no equalizing pulse this time? (maybe it banged 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 WHYY broadcasts from the least expensive of all the teletext sys-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 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 rebroadcas 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 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 ANTIOPE. 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 ANTIOPE 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 tems, 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 WTVJ, 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 KGW-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 WKEF-TV, ch. 22 in Dayton, Ohio (reference also had WWLP 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. ANTIOPE, 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 Lauterdale. 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 Broadcas-

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 KVOF-TV); West Coast United Broadcasting Company: LDA Communications. Inc.; Together Media Ministries. Administrative Law Judge dismissed KVOF-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 Bernandino, 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 KVOF-TV is of local origin, less than 1/60 of what it promised in its previous application for renewal a few years Pensacola, FL; ch. 33; The Harbour Broad-

casting Corporation: Telecommunications Part-

Knoxville, TN; ch. 8; Knoxville Broadcas-

ting Corporation; Edward M. Johnson (speci-

ners, Ltd.; Pensacola Television, Ltd.

fying Maryville as city of license): Community Broadcasters of Knoxville, Inc.; East Tennessee Broadcasting; Tennessee Telecorporation, 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 WDCN-TV in Nashville and WGTV-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 vet 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. mav

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) Halif. 5 - - 4 - -5 .470 CTV St. Edward PEI: CKCW-! (8) 16 59:0 CBC Little Current, ON; CKNC (9) 2 32.0 SRC Carleton, QUE; CBGAT (6) Matane 7 .170 SRC Port Daniel. QUE; CBGAT (6) 2 2.90 SRC Riviere-au-Renard, QUE; CBGAT (6) 8 .184 SRC Chandler, QUE; CBGAT (6) Matane 24 .100 SRC Lac Humqui, QUE; CBGAT (6) Matane 8 .085 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 .100 SRC Kedgwick, NB; CBAFT (11) Moncton 21 .100 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 .100 SRC Weymouth, NS; CBAFT (11) Moncton 24 .100 CBC Weymouth, NS; CBHT (3) Halifax (Powers listed above are ERP Visual except for those .100 watts or lower, where trans-

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)

mitter power only is used. Stations 10 watts

CHANGES GRANTED

PREVIOUS: GRANTED:

or less are not listed.)

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 .157 SRC 7 .378 TVA Gaspe, QUE; CHAU-TV-6

PREVIOUS GRANTED: 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. -Rimouski. OHE: CJBR-TV 30 .390 - - .313 -St.-Rene-de-Matane. QUE: CBGAT-7 33 .005 - (- .100 -Lochabar, NS; CBIT-7 Hawkes Bay. NF:CBYT-9 CALL LETTERS

CHANGES GRANTED (CONTINUED)

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 PROPOSED

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

- 14.0 Port au Port, NF; CBFNT 13 .504 78 78.7 54 60.2 Windsor, ON; CBEFT 3 45.0 - 53.- Neguac/Allardville, NB; CBAFT-3

DELETE

CBEFT-2, ch. 13, Lake Desmaras, NWT: .143kw

FCC PROPOSAL FOR ADDITIONAL CITY IDENTIFIC'S 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.

September 1982

Fred McCormack Box 5221 State University Sta. Fargo, ND 58105

Deadline: 10-1-82

This month the column is dominated by Minnesota area DX'ers. Reports indicate a rather good month for Es. Here in Fargo some long lasting openings were noted into the FM band.

Tropo was off in New Mexico, but there were some good days in the upper midwest.

New New Mode_ Tentative - t Unidentified - unid

Jim Pizzi, P.O. Box 1778, Lovin	gton,	NM 88	260			Log To	ta]	26	5		MDT
May 1982	27 Es	2130	KNXT	2 CA	855	9	Es	1800		2 FL	1346
	28 Es	1723	XEW t	2 DF					(Again	!!)	
1702 unids 4,5,6 ne			(ID'd	as XEV	1)				KDLH t		
	30 Es	0935	unids	2,3,4	east			2129		3 GA	
1703 unid 3 ne ABC	_					10	Es	1100	WBBM	2 IL	
2025 WTWO 2 IN 981	June 1	982						1130	WRBL	3 GA	
	1 Es		KUSD	2 SD	761			1200		2 MS	828
2100 WSM 4 TN 968		0900	KTVU	2 CA	1116			1200		4 MS	864
2101 WNGE 2 TN 968		1800	KTCA	2 MN	968			2200		2 NC	
2112 WCYB 5 VA 1224		1930	KSTP	5 MN	968	11	Es		unids :		
2116 WATE 6 TN 1125		2100	WEDU	3 FL				1100		5 FL	
2120 WMC 5 TN 784		2101	WESH	2 FL				1100		6 GA	
2130 WCBI 4 MS 864		2104		3(AL)					unid 2		
2130 WTVF 5 TN 968				acola,	FL)			2040		2 SA	
2331 KDLO 3 SD 967	2 Es	0900	WEAR	3 FL	950	12	Es	0830		2 MN	968
22 Es 0730 WRCB 3 TN 1035		2100		2 WI				0843		2 SD	761
0755 WATE 6 TN 1125		2104	WJBK	2 MI				0959		4 TN	968
0759 WSMV 4 TN 968		0057		11 KS	356			1000		2 TN	968
0800 WCYB 5 VA 1224	Es		unids						KPRY t		
0830 WSAZ 3 WV 1238		2001			1116				(news-		
0830 WAVE 3(IN)1049				4,5,6					unids		
(Louisville, KY)		2007	KCRA		1071		??		-1905 u		
0900 WCIA 3 IL 959	8 Es	0830		5 TN					2 thru		
0953 CKTV 2 SA 1188		0830		2 TN	968				of Es,		
23 Es 2255 unid 2 ene		0900		4 TN	968				au - w		
24 Es 0915 unid 2 Mexico			WIWO	2 IN	981				unid 2		co
2239 KTVU 2 CA 1116			KTVU		1116		Es		unid 2		
2240 KRON 4 CA	9 Es	0830	WESH		1346				unid 4		
25 Es 2001 unid 2 northeast		0830	WEDU		1300			1700			1346
2100 WTWO 2 IN 981 I	ŒNW-3				1224			1704			950
2111 WTTV 4 IN 1059	off		KBCI	2 ID			Es	1700-	-2130 u		
2112 WDTN 2 OH 1152 r	nost		KTVN		1008				east &		
2130 WCIA 3 IL 959 (of the				1008			1733			1224
26 Es 0830 WITV 4 IN 1059	day		KVVU	5 NV				1733		5 TN	784
0830 <u>WEDU</u> 3 FL <u>1300</u>	-	1512	KTVU	2 CA	1116			2101	KBCI	2 ID	990

Quite a few days in this period with Es. Nothing big in trops except for 7-6 minor opening into Kansas. On 7-13, unknown propagation noted. It was a cross between Es and ms with a dash of auroral. Channels 2-6 affected with a viewable signal on channel 2 and hash on channels 3-6. On FM, a station noted on every frequency. All were very weak (except for locals and semi-locals) with a tentative South Carolina logging on 96.7. Antenna heading was dead north for strongest signals. I believe I tuned in right towards the end of whatever it was. Signals, all in all, were very steady (on FM). Has anyone else reported this or similar to it?

During heavy Es, I've been spending most of my time on FM. It might be this location, but so far this has been a good Es season - so far! (Knock on wood!!) 73's, best of DX, Jim

(your mysterious DX on the 13th certainly sounds like auroral Es, but I guess it is pretty rare so far south. there has been a lot of auroral activity this year, but I don't have any information about it on the 13th of June. I see by my notes that I got some weak Es from NM on that date, but it wasn't until almost 2200. like you, I have been spending most of my time on FM during the heavy Es openings. fm)

Western TV DX

September 1982

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

CDT

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Winegard CH-7084 with Winegard AC-9880 preamp at 28' ACL.

Section 1982 27 tr 1209 KRIN 32 1A 118 27 tr 1209 KRIN 27 11 128 2208 WEK 25 1L 278 2209 WCVE 5 MA 2209 WCVE 24 WI 237 0846 WIFF 23 IL 194 WIFF 23 IL	987 810 1066 218 194
28 tr 0652 WMTV 15 WI 168 2142 WQRF 39 IL 218 2206 WSTM 3 NY 0700 KTIN 21 IA 128 2226 WGFC 38 IL 278 2209 WCW 5 MA 2206 WGFC 14 IA 218 2226 WGFC 38 IL 278 23 tr 0809 WTVO 17 IL 20816 WLRE 26 WI 222 2234 WHME 46 IN 359 0824 KDUB 40(WI) 237 0828 WGCV 24 WI 237 0827 WGFK 25 IL 278 0826 KDUB 40(WI) 237 0826 WGFW 24 WI 237 0827 WGFK 25 IL 278 0826 WGFW 24 WI 237 0827 WGFK 25 IL 278 0827 WGFK 25 IL 278 0826 WGFW 24 WI 237 0827 WGFK 25 IL 278 0826 WGFW 24 WI 237 0827 WGFK 25 IL 278 0826 WGFW 24 WI 237 0827 WGFK 25 IL 278 0829 WGFW 24 WI 237 0827 WGFK 25 IL 278 0829 WGFW 24 WI 237 0827 WGFK 25 IL 278 0829 WGFW 24 WI 237 0828 WGFW 24 WI 237 0828 WGFW 24 WI 237 0846 WGFW 25 MI 0811 K22AC 22 MN 177 5 tr 2158 WFWT 18 WI 237 0846 WGFW 25 MI 0818 K48AH 48 MN 140 2200 WGFW 24 WI 237 0846 WGFW 25 MI 0818 K48AH 48 MN 140 2200 WGFW 24 WI 237 0820 WGFW 24 WI 237 0820 WGFW 24 WI 237 0826 WGFW 25 WI 228 0928 WGFW 26 WGFW 24 WI 237 0826 WGFW 26 WGFW 24 WI 237 0826 WGFW 26 WGFW 24 WI 237 0826 WGFW 26 WGFW	810 1066 218 194 145 278
0054 WKOW 27 WI 168	1066 218 194 145 278
28 tr 0755 KMEG 14 IA 218 223 WEFE 38 IL 288 23 tr 0809 WTV 0 17 IL 0816 WLRE 26 WI 222 2234 WEFE 46 IN 359 0816 WLRE 23 IL 0808 K14AD 14 MN 140 (Willimar KSTP-5) 2251 WUTV 18 WI 237 0835 WTVP 47 IL (?????? KSTP-5) 2329 WMT 36 WI 237 0846 WSCOV 24 WI 237 0811 K22AC 22 MN 177 5 tr 2158 WTV 18 WI 237 0846 WSCOV 14 WI (Painerd KSTP-5) 2200 WCGV 24 WI 237 0846 WSCOV 14 WI (Painerd KSTP-5) 2200 WCGV 24 WI 237 0846 WSCOV 14 WI (Painerd Willimar WCCO-4) 2206 WISN 12 WI 237 0846 WSCOV 14 WI 237 0818 K48AH 48 MN 140 2203 WMT 36 WI 237 0846 WSCOV 14 WI 237 0818 K48AH 44 MN 140 2203 WMT 36 WI 237 0846 WSCOV 14 WI 237 0818 K48AH 44 MN 140 0736 WIIT 34 IN 390 0820 K44AE 44 MN 140 0736 WIIT 34 IN 390 0820 K44AE 44 MN 140 0736 WIIT 34 IN 390 0838 KVNE 29 NE 0825 WKOW 27 WI 168 0845 WIFR 23 IL 194 Es 2105 KDBC 4 TX 1125 0848 KELO 11 SD 1103 XEJ 5 CH 1130 1106 XEPM 2 CH	218 194 145 278
28 tr 0/95 kMEG 14 IA 218 223 WSBT 22 IN 359 0816 WIFR 23 IL 0816 WIFR 26 WI 237 0808 kI4AD 14 MN 140 (William KSTP-5) 2251 WVTV 18 WI 237 0835 WGCV 24 WI 237 0836 WGCV 25 MI 237 08416 WGCV 25 MI 237 0846 WGCV 24 WI 237 0846 WGCV 25 MI 237 0846 WGCV 24 WI 237 0846 WGCV 25 MI 24 WI 25 WI 2	194 145 278
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Willimar KSTP-5 S251 WVTV 18 WI 237 O836 WCV 24 WI WI WI WI WI WI WI W	
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2301 WHQ	237
0811 K22AC 22 MN 177 5 tr 2158 WVTV 18 WI 237 0846 WSCOt 14 WI 237 0816 K46AC 46 MN 140 2200 WCGV 24 WI 237 237 238 WWVT 237 2200 WCGV 24 WI 237 237 238 WWVT 238 238 WWVT 237 238 WWVT 238 238 WWVT 237 238 WWVT 238 238 WWWT 238	237
Comparison	336
0816 K46AC 46 MN 140	219
Character Char	
0818 K48AH 48 MN 140	
(Willmar KMSP-9) 0820 K44AE 44 MN 140 0736 WNTT 34 IN 359 0825 WKOW 27 WI 168 0845 WIFR 23 IL 194 Es 2105 KDBC 4 TX 1125 0848 KELO 11 SD 214 KVVV 18 WI 237 0848 KELO 11 SD 214 KVVV 18 WI 237 0848 KELO 11 SD 2145 KVVV 5 NV 1293 0850 KCAU 9 IA 2 Es 0900 KMID 2 TX 978 13 tr 2003 WFRV 5 WI 222 0929 KTSB 27 KS Es 1100 KDBC 4 TX 1125 0848 KELO 11 SD 0729 WVTV 18 WI 237 17 tr 1939 K25AA 25 IA 187 0938 KVFC 50 MO 1103 XEJ 5 CH 1130 1942 K33AB 33 IA 165 1106 KDFM 2 CH 1130 1942 K33AB 33 IA 165 0749 KSIN 27 IA 218 0802 K33AB 33 IA 165 (Windom KAAL-6) 0807 K50AB 50 MN 106 (St. James KAAL-6) 0816 K66ADt66 MN 128 (Redwd Falls WFCN-1) 0821 K2CA 22 MN 128 (Redwd Falls KELO-11) 0821 K2CA 22 MN 128 0826 KB3AB 33 IA 165 (Windom KAAL-6) Es 1836 KPRC 2 TX 1	222
0820 K44AE 44 MN 140 0736 WNTT 34 IN 390 0838 KRNE 29 NE (Willmar KTCA-2) 9 tr 0725 WCGV 24 WI 237 0842 KRNE 19 NE 0825 WKOW 27 WI 168 0729 WYTV 18 WI 237 0845 KMEG 14 IA 28 11 125 0848 KELO 11 SD 2145 KVVU 5 NV 1293 0918 KDNL 30 MO 2145 KDNL 30 MO 30	330
(Willmar KTCA-2) 9 tr 0725 WCCV 24 WI 337 0845 KNE 26 NE 0825 WKOW 27 WI 168 0729 WVTV 18 WI 237 0845 KME 14 IA 28 0745 WFR 23 IL 194 Es 2105 KDBC 4 TX 1125 0848 KELO 11 SD 2109 XEPM 2 CH 1130 0850 KCAU 9 IA 2145 KVVU 18 WI 237 0845 KME 14 IA 218 0850 KCAU 9 IA 2145 KVVU 18 WI 237 0848 KELO 11 SD 2109 XEPM 2 CH 1130 0850 KCAU 9 IA 2145 KVVU 18 WI 237 0818 KDL 30 MO 218 KDD 2 TX 978 13 tr 2003 WFRV 5 WI 223 0928 KGAN 2 IA 25 IA 187 0938 KTFC 50 MO 25 KGAN 2 IA 25 IA 187 0938 KTFC 50 MO 1103 KEJ 5 CH 1130 1942 K33AB 33 IA 165 1143 KETV 7 NE 1103 KEJ 5 CH 1130 1942 K33AB 33 IA 165 1143 KETV 7 NE 1104 KDPM 2 CH 1130 1945 K52AB 52 MN 128 1143 WOI 5 IA 0749 KSIN 27 IA 218 (Redwd Falls WTCN-11) 1500 KHIN 36 IA 0749 KSIN 27 IA 218 1950 K58AF 58 MN 128 1643 WGTU 29 MI 0802 K33AB 33 IA 165 (Windom KAAL-6) Es 1752 WLBZ t 2 ME (Sibley KSIN-27) 1952 K60AD 60 MN 128 tr 1800 WAKR 23 OH (Sibley KSIN-27) 1952 K60AD 60 MN 128 tr 1800 WAKR 23 OH (St. James KAAL-6) 2000 KUSD 2 SD 237 cord for trop 0816 K66ADt66 MN 128 2008 KDSD 16 SD 306 Es 1830 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KPRC 2 TX 1845 KMOL 4 TX 1902 ME AND 150 KMOL 4 TX 1902 ME AND	384
0825 WKOW 27 WI 168 0729 WYTV 18 WI 237 0842 KXNE 19 NE 230 0845 WIFR 23 IL 194 Es 2105 KDBC 4 TX 1125 0848 KELO 11 SD 2109 XEPM 2 CH 1130 0850 KCAU 9 IA 218 KDBC 14 IA 218 0926 KGAN 2 IA 218 WTV 18 WI 237 17 tr 1939 KZ5AA 25 IA 187 0938 KYFC 50 MO 1103 XEJ 5 CH 1130 1942 K33AB 33 IA 165 (Redwd Falls WTCN-11) 1500 KJBC 7 NE 2145 WGE 14 IA 218 0802 K33AB 33 IA 165 (Windom KAAL-6) Es 1752 WLBZ to 29 MI 28 WI 29 MI 28 (Redwd Falls WTCN-11) 0807 KSOAB 50 MN 106 (Windom KAAL-6) Es 1752 WLBZ to 22 ME 27 (Redwd Falls WTCN-2) 0816 KG6ADt66 MN 128 (Redwd Falls WTCN-2) 0816 KG6ADt66 MN 128 2008 KDSD 16 SD 306 Es 1830 KPRC 2 TX 1 RED 27 NE	257
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July 1982 2109 XEPM 2 CH 1130 0850 KCAU 9 IA	218
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1 Winegard CH-7084 went in 2 Es 0900 kMID 2 TX 978 13 tr 2003 WFRV 5 WI 222 0929 KTSB 27 KS tr 0923 WTV 18 WI 237 17 tr 1939 K25AA 25 IA 187 0938 KTFC 50 MO 1103 KEJ 5 CH 1130 1942 K33AB 33 IA 165 1143 KETV 7 NE 1106 KEPM 2 CH 1130 1945 K52AB 52 MN 128 1143 WOI 5 IA 0749 KSIN 27 IA 218 (Redwd Falls WTCN-11) 1500 KHIN 36 IA 0802 K33AB 33 IA 165 (Windom KAAL-6) Es 1752 WLBZ t 2 ME (Sibley KSIN-27) 1952 K60AD 60 MN 128 tr 1800 WAKR 23 OH (St. James KAAL-6) 2000 KUSD 2 SD 237 cord for trop 0816 K66ADt66 MN 128 2008 KDSD 16 SD 306 Es 1830 KPRC 2 TX 1 1992 KFALC 22 MN 177 2002 KFALC 20 ME CANNOL 22 NO 177 2002 KFALC 22 MN 177 2002 KFALC 22 MN 128 1845 KMOL 4 TX 1	218
2 Es 0900 KMID 2 TX 978	395
Es 1100 KDEC 4 TX 1125 (Rock Rapids KSIN-27) 0943 KTFC 50 MO 1103 KED 5 CH 1130 1942 K33AB 33 IA 165 1143 KETV 7 NE 1140 KDEC KSIN-27 14 IA 218 (Redwd Falls WTCN-11) 1500 KHIN 36 IA 0802 K33AB 33 IA 165 (Windom KAAL-6) Es 1752 WLBZ t 2 ME (Sibley KSIN-27) 1952 K60AD 60 MN 128 tr 1800 WAKR 23 OH (St. James KAAL-6) 2000 KUSD 2 SD 237 cord for trop 0816 K66ADt66 MN 128 2008 KDSD 16 SD 306 Es 1830 KPRC 2 TX 1 (Redwd Falls KELO-11) 0921 K22AC 22 MN 177	148
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(Redwd Falls KELO-11) (77 to KUSD- 2) 1845 KMOL 4 TX 1	νo!)
0921 K22AC 22 MN 177 2013 KD ID (1917 1045 KM) 4 1X 1	
0)21 M22AO 22 PM 1/1 2043 KBJR 6 MN 100 + 10EE VTAIT 20 MO	066
0925 WEFE 36 HT 170 2050 TENED 0 10 1000 NDNL 30 MO	395
0928 WHRM 20 WI 155 2102 WDD 190 2000 WSJV 28 IN	359
0930 WAFO 13 WI 179	359
0934 WTFR 23 TI 10/1 18 to 0939 WTFP 20 UT 305 2007 WSBT 22 IN	359
2117 KDUB 40(WT) 145 10 to 0826 KDUB 2004 1222 2008 WHME 46 IN	359
(Dubuque Torre) 2043 KDNL 30 MO	395
2121 KRIN 32 IA 118 20 Es 2147 CBFT 2 PQ 898 (Preview bark	er)

Wow! It has been a great month for TV-DX'ing! Yesterday, the 24th, I logged 24 stations, which broke my record of 23 stations on the 4th. I also broke my tropo distance record with the logging of WAKR-23 in Akron, Ohio at 596 miles.

On the 1st of the month, I had the antenna service put in a new Winegard CH-7084 V-U antenna. It seems to be superior to my old Archer VU-120 antenna whose performance I was never thrilled with. Now, I am ready for KTMA and WFBT to come on. I am predicting KTMA and WFBT will come in as well as the Twin Cities V's.

I am now counting down the days until KTMA comes on. Now, it's about 38 days. I have written to KTMA (back on June 10th), but have gotten no reply yet. So, last week, I wrote then another letter asking about STV installation, and this time I included an SASE for a reply. Maybe this time will be the charm!

Why don't others from Minnesota report to this column? (see the next report, fm) It seems that I am the only one to report from Minnesota. I am expecting that there will be a heavy report during August. See you in 30 and maybe the next report will have have a test TP of KTMA. 73's, Ronald

(Ronald, your channel 20 translator of KSTP-5 on June 30 is either K20AC at Wadena or K20AD at Worthington. I think it most likely was Wadena. fm)

CDT

CDT

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

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

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

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

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

July 1982 2 Es 0735 XEPM 2 CH 1180 0759 KMID 2 TX 1060 (MUF 92.3 @ 0808 TX) 0825 KATC 3 LA 1185 KJAC 4 TX 1165 (MUF 105.1 @ 0853 TX) 2259 KBCI 2 ID 960 3 tr 0618 K32AF 32 MN 220 (St. James KSTP-5) 0645 K60AO 60 MN 185 (Redwd Falls KSTP-5) 0645 K57AE 57 MN 175 (Olivia KTCA-2) 0647 K66BB 66 MN 185 (Redwd Falls KMSP-9) 0650 KTIN 21 IA 305 0710 KMEG 14 IA 300 0715 K68BJ 68 MN 185 (Redwd Falls WCN-11) 0715 K64AC 64 MN 185 (Redwd Falls KTCA-2) 0730 K65BA 65 MN 155 (Redwd Falls KTCA-2) 0730 K65BA 68 MN 185 (Redwd Falls KTCA-2)	3 tr 0802 K25AA 25 IA 24 (Rock Rapids KSIN-27) 0817 K33AB 33 IA 245 (Sibley KSIN-27) 0822 KHIN 36 IA 390 0830 K20AD 20 MN 230 (Worthington KSTP-5) 0900 KXNE 19 NE 320 3 Es 1135 unids 2 w 11 Es (MUF 107.9 @ 1838 CT) (MUF 106.9 @ 1921 CT) (MUF 105.7 @ 2052 MD) (MUF 107.5 @ 2145 UT) 2200 KVBC 3 NV 1195 13 Es (MUF 104.1 @ 2153 CT) (MUF 105.7 @ 2226 PA) (MUF 105.7 @ 2235 QA) 16 tr 1213 KCAU 9 IA 300 1229 KMNE 7 NE 340 1726 KRIN 32 IA 395 18 Es 1635 KMID 2 TX 1060 (MUF 94.5 @ 1721 TX) 1728 KIII 3 TX 1330 (MUF 105.3 @ 1735 TX)	2200 WKTV 2 NY 1095 2204 WFSW 3 CT 1230 2206 WSTM 3 NY 1045 2230 WCSS 2 NY 1210 2230 WCSS 2 NY 1210 22 tr 2057 WGVC 35 MI 505 2132 WVTV 18 WI 505 2132 WVTV 18 WI 505 2235 WNDU 16 IN 635 2240 WSDT 28 IN 635 2231 WHME 46 IN 640 2357 MMVT 36 WI 505 2357 MMVT 36 WI 505 2357 WSTV - no barker) 0012 WFBM 66 IL (STV - no barker) 23 tr 0013 WEID 32 IL 570 0019 WGC 38 IL 570 0043 WIFR 23 IL 570 0043 WIFR 23 IL 490 0045 WGCV 24 WI 505 (STV - w/barker) 0133 WEEK 25 IL 560
(Redwd Falls KTCA- 2)	1728 KIII 3 TX 1330	(STV - w/barker)

Fred McCormack (continued)	23 Es 1500 KMID 2 TX 1060 1529 XEPM 2 CH 1180	23 tr 2302 WVTV 18 WI 505 24 Es (MUF 107.3 @ 1641 PQ)
July 1982 23 tr 0251 K38AC 38 MN 90 (Alxndria with WGN-9)	tr 1859 <u>WTVP</u> 47 IL <u>555</u> 1859 <u>WKOW</u> 27 WI 445 1907 <u>WTVO</u> 17 IL <u>490</u>	1717 WKTV 2 NY 1095 1730 WGBH 2 MA 1290 (MUF 107.1 @ 1811 VT)
0540 WNDU 16 IN 635 0553 WSJV 28 IN 635 0721 WEEK 25 IL 560	1930 WQRF 39 IL 490 2003 WMTV 15 WI 445 2014 WBBS 60 IL 570	(MUF 107.3 @ 1921 TX) 26 Es (MUF 101.9 @ 2127 LA) 2131 KALB 5 LA 1115
0727 WRAU 19 IL 560 0750 WLEF 36 WI 315 0806 WICS 20 IL 610 (still in -1100)	(STV- baseball, no barker,s/off) 2030 WIFR 23 IL 490	(MUF 92.5 @ 2204 MS) 2208 WLBT 3 MS 1070 2211 WEAR 3(AL)1225
Es 1500 KNAZ 2 AZ 1120	2039 WCIU 26 IL 570 2051 KDUB 40(WI) 425	2227 WKRG 5 AL 1215 2311 WMAB 2 MS 1015

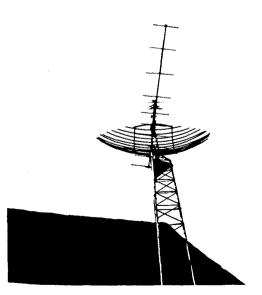
Lots of New England Es here. I usually end up mostly DX'ing on FM, particularly when the opening is from the northeast. The TV channels are usually too loaded with CCI to make ID's likely.

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 WIFDA CONVENTION

MORE TIPS ON MODIFYING YOUR UHF PARABOLIC DISH

REPORTS ON SOME GREAT LATE SUMMER TROPO CONDITIONS

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

"FEEDBACK" RETURNS TO DISCUSS CLUB TOPICS AND ISSUES

MUCH. MUCH MOPE!

EASTERN TV-DX

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

September 1982					Deadline: 1st
Harry J. Hayes: 9 Henry	St W	ilkes	-Barre, PA	18702 EDT	
<u>June 1982</u>	July	1982		July 1982	
26 Es 0930 WLBT-3 MS	2 Es	2048	KQTV-2 MO		WCCO-4 MN
(a rare one i	a .	21.00	KLNE-3 NE	2345	KXON-5 SD
recent years) 3 Es	1.200	KTVO-3 MO	14 Es 0028	KQTV-2 MO
1000 WWL-1+ LA	_	1230	KGAN-2 IA	0030) WDAF-4 MO
WDSU-6 LA		1233	WOI-5 IA		KCMO-5 MO
1100 WPRT-2 FL		1300	KUSD-2 SD	004	KTVI-2 MO
			WESH-2 FL	17 Es 133	-1402; intense
<u>July/1982</u>	8 Tr	0900	WCNY-24 NY	135	opening, chs.2-6
1 Es 2000 KPRC-2 TX		0923	WUTR-20 NY	150	no I.D. s.
2 Es 1929 KYTV-3 MO	9 Es		WPBT-2 FL		
1930 KTVY-4 OK		1209	WTVJ-4 FL	Equipment	Wilkes-Barre
2000 KOTV-6 OK		1215	WPTV-5 FL	RCA XL-100	; Winegard 2-6
2016 WDAF-4 MO	10 Es	2130	WBRZ-2 LA		ndoors 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 preceeding 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 Es 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 becouse 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 PES 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-+, Columbus, OH. The shortest skip I've ever experienced. I'm sure it couldn't be trops as the channel was jammed with skip'

Rric Fader: 23-35 Bell Blvd., Bayside, NY 11360 EDT
May 1982 June 1982 7 Tr 2330 CT/MA 19, 20,23, 31 Es 1600 WEDU-3 FL 15 Es 1936 WERC-6 AL 2+,25,40,53. NJ- ("Auction '82") 1958 WLET-3 MS
40(new), MD-16, 28, June 1982 pride is show- 8 Tr 0030 WHRE-28 PA 7 Es 1829 unided-3; TX ing.") Wilkes-Barre 8 Es 1840-2005 CHWFT-3 MB 1959 KARD-3 KS
15 Rs 2005-2058 unideds Winning Wichita
0046 WCVB-5 MA 1910 CBWT-6 MB 26 Es 1015 into FM; no (thru local) Winnipeg TV I.D. s.
27 Es 1905 cci on ch.4. 12 Tr 0022 WAPB-22 MD 31 Es 1326 WEDU-3 FL Annapolis 1329 WIHF-3 MS 15 Es 1920 WREL-3 GA 2 Es 1859 KYTV-3 MO ("It's ("Noonday Report") 1925 KYTV-3 MO nice to come home to
1420 WREG-3 TN ("KY-3"); flood your friend 3"."KY-3" ("Tornado Watch") warnings. 2 Es 1859 KDLH-3 MN ("Scene 3 News")

Rub 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, WERZ-2, KTBS-3, WEDU-3, WTVJ-4, WEAR-3 noted 16 reral times.

Eastern TV-DX
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 trops openings in June mostly Ohio, rennsylvania, 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.

Trapo 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, WTWO-17, WWMA-17, WLFI-18, WFTA-21, WCDC-19, WUTF-20, WSHT-22, WKAR-23, WEYI-25, WDHO-24, WCIU-26, WFUM-28, WSJV-28, WGTE-30, WNPE-16, WNPI-18, WKJG-33, WNIT-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), WLIO-35; WCVC-35, Iowa-32(which one?7-I assume you mean KRIN-wd) & KHIN-36; WVTV-18, WMVT-36; WFNE-38, WLRE-26, Binghamton, Scranton, Elmira U's; Newark-47; Conn.-30; Poughkeepsie-54; Pitts-burgh 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 trops with Quebec-15, Boston-38, Utica-20,33 and eastern NY U's. New stations include WTLW-44, WPWR-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-existant. The peak muf noted was lll Mhz on the 7th. Totals stand at 69.

June 1982	June	1982		Ju	ne 1982	
2 Es 1208 muf ch.3			WSIL-3 IL 81			muf 105 Mhz
6 Es 1810 WCBD-2 SC 880			Harrisburg		Tr 1904	W61AE VI 75(WEZF)
Charleston			WMCT-5 TN 1			Enosburg Falls
1838 muf 92 Mhz		1927			Es 1905	WESH-2 FL 1175
1847 WCIV-4 SC t			Paducah		1950	muf 104.1 Mhz
1848 <u>WSAV-3 GA 945</u>		1958	WABG-6 MS 1	140	2100	WDIQ-2 AL 1125
Savannah			Greenwood			Dozier
1851 WJXT-4 FL 1075				t		WEAR-3 FL t
Jackson Ville						muf ch.6
1900 WBTV-3 NC t			KTVI-2 MO 1		Es 1919	muf ch.4
1901 <u>WFMY-2 NC 680</u>		2046	KOET-3 OK 12		1927	WEDU-3 FL 1260
Greensboro			Eufaula			Tampa
1905 <u>WESH-2 FL 1175</u>		2100	WREG-3 IN 10	070		WFMY-2 NC 680
Daytona Beach			Memphis		1930	WMAB-2 MS 1065
7 Es 1735 muf 111 Mhz	8 Es	1201	muf ch.4			State College
	13 Es	2100	muf ch.6			
At Niagara Falls, ON:				At	Cornwal	1, ON:
26 Es 1246 muf 91 Mhz				28	Tr 0608	WMHI-17 NY t

		E3JFC	Box 43	73 Stn.	C. Londo	on, ON	NSW 5J2 EDT
June 1982			Jun	e 1982			June 1982
2 Tr 0620	WNED-17	NY 13	10 2 T	r 0645 W	UHF-31 1	NY 180	9 Tr 2100 CHLFT-48 ON 60
0630	MXON-20	MI 12	20	_06¥8 W	UTV-29 1	NY 130	21.03 WEWS-5 OH 120
0635	WFMJ-21	OH 13	0 9 T	r 0126 W			12 Tr 0445 WIHT-31 MI 150
0638	W67AL	OH 12	20	2040 W	AKR-23 (OH 140	25 Es 1100 WPBT-2 FL 1200
	W6 ¹ +AF			2045 W	GTE-3Ö (OH 150	
	WVIZ-25			2050 C	ICO-32 (ON 120	Poston.
	WCPR-62			2053 W	YT V-3 3 (OH 130	1259 KETS-2 AR 825
0643	W46AB	NY 13	3.0	2056 W	NEO-45 (он 140	27 Tr 2245 WTLW-44 OH 225
_		_					Lima

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

Eastern TV-DX		September 1982
March 1982	or Place, Fairfield, CT O	6430 EST-EUT
25 Tr 0700 WRLH-35 VA	from Shelton, CT: May 1982	May 1982
Richmond	24 Es 1630 KATC-3 LA	31 Es 1207 WJXT-4 FL
Baltimore U'	s WBRZ-2 LA	WUFT-5 FL
Tidewater U'		1306 WDBO-6 FL
DC U's	31 Es 1155 WESH-2 FL	WSAV-3 GA
Delmarva U'		1400 WMAB-2 MS
Onancock xlt		
	from Boston, MA:	0
April 1982	May 1982	May 1982
20 Tr 0000 WTXX-20 CT	7 Tr 2300 NJ U's	8 Tr 0200 WSNL-67 NY
(now independent will with the control of the contr	dent) 2317 W61AH CT	WWHT-68 NJ
MPIM-ST WI	(a surprise) 8 Tr 0200 WCBS-2 NY	(WQTV off) WWSG-57 PA
May 1982	WFSB-3 CT	MWDQ-J/ FA
7 Tr 2300 Philly U's	WOR-9 NY	
, 2,00222, 0 0	from Fairfield. CT:	
June 1982	June 1982	June 1982
7 Es 1115 WTHS-2 FL	8 Es 1859 KDLH-3 MN	15 Es 1956 WCBI-4 MS
ICR-6-3 Cuba	1900 KGFE-2 ND	2000 WBRZ-2 LA
WIVJ-14 FL	1930 CBWFT-3 MB	17 Es 2030 WEDU-3 FL
TR-5	10 Es 1713 WREG-3 TN	19 Es 1930 " "
1459 WLBT-3 MS	1720 KATC-3 LA	WESH-2 FL
1530 KARK-4 AR	WMCT-5 TN	WJXT-4 FL 22 Es 1600 KETS-2 AR
1532 WNGE-2 TN KTBS-3 LA	1730 KEMV-6 AR	23 Es 1900 WSIL-3 IL
1544 KEMV-6 AR	1757 WSIL-3 IL 13 Es 2300 WEAR-3 FL	1915 KYTV-3 MO
1648 KOTV-6 OK	14 Es 0000 WRCB-3 TN	1949 WEAR-3 FL
1653 WJBF-6 GA	WEDU-3 FL	2100 WCIA-3 IL
1659 KTVO-3 MO	15 Es 1830 WDIQ-2 AL	26 Es 1130 WLBT-3 MS
1730 WHBF-4 IL	WCBD-2 SC	1227 KETS-2 AR
8 Es 1130 WWL-4 LA	1900 WSB-2 GA	KEMV-6 AR
WDSU-6 LA	1905 KTVI-2 MO	1230 WSIL-3 IL
1200 WBRZ-2 LA	1906 WEDU-3 FL	28 Es 1508 WPBT-2 FL
KATC-3 LA	WRBL-3 GA	WTVJ-4 FL
1758 WISC-3 WI	1956 WLBT-3 MS	WPTV-5 FL
		WCIX-6 FL

It's official, Fairfield is my new summer DX location(the rest of it will be 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 KTM-40 fame). Once sold, TRN will convert the station to 24 hour all-christian programming (maybe WTEN call letters too) WTVU-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 May 1982 31 Es 1+38 ABC, Ø offset 14 Es 0846 KJRH-2 OK WTNH-8 CT 183 WEDW-49 CT 168 WSBK-38 MA 290 NBC-3; CDT 0930 KOET-3 OK t 1452 CBS-2 1500 ABC-3 2335 WLVI-56 MA KTVI-2 MO 1000 WEAR-3 FL WEDH-24 CT 207 1510 fadeout 17 Es 2300 fadeout WSMW-27 MA 273 23 Es 2100 KMTV-3 NE WVIT-30 CT 202 ABC-2 12 Tr 2300 WUNK-25 NC May 1982 11 Es 2010 KJRH-2 OK WUND-2 NC 14 Es 0028 WDAF-4 MO chs.2-6 11 Es 2115 KOET-3 OK CBS-4 0100 fadeout 12 Tr 1538 Unided-46, CBS 2145 ABC-5 0640 Unided-3; Ø 18 Tr 2230 WSBE-36 RÍ 2252 KFYR-5 ND offset(Cuba 3/4 cb) 2259 KBME-3 ND KXJB-4 ND WVIT-30 CT WPBT-2 FL 2245 WSBK-38 MA 0657 Cuba-3 begins 2300-2315 fadeout programming. 0800 CBS-2 wlne-6 ma 31 Es 1420 chs.2-6 2340 MUF to ch.6 1427 PBS-2 0815 WWL-4 LA

<u>Eestern TV-DX</u> July 1982	Bill Fahber; continued July 1982 June 1	September 1982
13 Es 2358 WCCO-4 MN 14 Es 0002 KAAL-6 MN	28 Tr 0003 WEDW-49 CT 13 Es	<u>902</u> 1330 Cub a- 2 1335 fadeout
0030 KMTV-3 NE 0035 NBC-5		2100 through ch.6. PBS-6, PBS-3,
ABC-4 0039 KSNE-4 NE	(s/off) WDPB xlting WWBT-12.	NBC-2, NBC-3, NBC-4
0042 KCTV-2 MO 15 Tr 2350 WVIT-30 CT	0148 WLFL-22 NC Raleigh	Cuba-5 ABC-2
16 Tr 0000 WSBE-36 RI 257 WSBK-38 MA	W25AA xlting WPDE15.	
0010 WWLP-22 MA WYNE-25 MA t	WPTF-28 NC	2207 WLBT-3 MS 2325 KMTV-3 NE
0015 WGGB-40 MA	1325 muf to ch.4	באבא זענו גאל ווים

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 trops are still accessable.

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.

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Frank Wheeler: 6589 Wattsburg Rd., Erie, PA 16509
                           July 1982
8 Es 1300 KPRC-2 TX 1210
25 Es 1002 WWL-4 LA 1005
                                                      20 Es 1830 WTVY-4 AL 805
      1230 KDIX-2 ND 1169
                                1430 KTVY-4 OK 1040
                                                      21 Es 1600 KPRC-2 TX 1210
      1300 KETS-2 AR 929
                                1905 WBRZ-2 LA 1020
                                                             1601 WMAB-2 MS 840
                           11 Es 1930 KGFE-2 ND 917
                                                             1900 WDIQ-2 AL 815
July 1982
                                 2200 WCCO-4 MN 682
                          2230 KLNE-3 NE 973
13 Es 2358 KIMT-3 IA 667
2 Es 1300 WEDU-3 FL 998
                                                      Totals: 283 received:
  Tr 2330 WPSX-3 PA 180
                                                               215 verified
                          19 Es 0825 KWGN-2 CO 1184 Equipment: 24" Sylvania
  Es 2130 KARD-3 KS 953
      2230 KGFE-2 ND 917
                           20 Es 1828 KPRC-2 TX 1210 1976 color TV. Antenna:
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Archer VU-160; Servo Rotor.

George Rogers: 320 Lafayette Rd., Chickamauga, GA 30707 EDT Here is my report for this months 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.

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<u>June 1982</u>
28 Es 1620 KMID-2 TX 1123
                             July 1982
1 Es 2135 KOB-4 NM 1320 Z Es 2307
                                                                   KDLO-3 SD 1283
                                   2140 KAMR-4 TX 1035
29 Es 1400 KDIX-2 ND 1572
                                                              2311 KBME-3 ND 1474
30 Es 1050 KMID-2 TX 1123
                                   2145 KNME-5 NM 1320
                                                              2314 KUSD-2 SD 1120
                               Tr 0814 WJSP-28 GA 208 3 Tr 0902 WMCT-5 TN 322
0817 WTW-7 IN 270 0930 KATV-7 AR 459
      1100 KMOL-4 TX 981
      1101 KGBT-4 TX 1245
      1102 KRGV-5 TX 1250
                                   1010 KHQA-7 MO 577
                                                              1000 KETS-2 AR
      1130 KCEN-6 TX 905
                                   1012 WGEM-10 IL 596
                                                           Es 1203 CKPR-2 ON 1348
      1300 KWGN-2 CO 1317
                                   1050 WLTZ-38 GA 224 4 Es 1106 WCBS-2 NY 750
      1305 KCKT-2 KS 984
                             2 Es 0828 KWGN-2 CO 1317
                                                              1110 WGH-2 MA 995
      1310 KNOP-2 NE 1180
                                   0832 KGBT-4 TX 1245
                                                              1125 CBFT-2 PQ 1086
      1315 TR-2 Cuba 900
1320 TR-5 " "
                                   1035 KMID-2 TX 1123
                                                              1136 WGR-2 NY 794
                                   1310 XEPM-2 CHI 1430 5 Es 1316 XHRPM-2 CH 1450
      1323 KDIX-2 ND 1572
                                   1350 WCBS-2 NY 750
                                                         6 Es1405 WGBH-2 MA 995
      1335 KQTV-2 MO 843
                                   1352 WGHH-2 MA 995
                                                              1407 WLBZ-2 ME 1188
1408 WCBS-2 NY 750
      1350 CKCO-2-2 ON 1023
                                   1355 WN BC-4 NY 750
      1400 KUSD-2 SD 1120
                                   1405 WLBZ-2 ME 1188
                                                              1530 KMID-2 TX 1123
      1420 KPRY-4 SD 1320
                                   1850 CBFT-2 PQ 1088
                                                              1605 KCKT-2 KS 984
      1520 XHRPM-2 CH 1450
                                   2005 CICI-5 ON 1238
                                                              1630 KWGN-2 CO 1317
      1528 XHAO-4 CH "
                                   2007 WIOM-4 MI 888
                                                              2049 KNOP-2 NE 1180
                                                              2057 KDUH-4 NE 1339
      1955 XHRIO-2 TAM 1245
                                   2010 CKCO-2-2 ON 1023
                                                              2107 KTWO-2 WY 1574
                                   2015 CKCY-2 ON 1005
      2050 KPRC-2 TX 784
                                                              2119 KSNB-4 NE 1060
                                   2040 CKPR-2 ON 1348
                                                              2234 KOAA-5 CO 1259
July 1982
1 Es 1210 XHAO-4 CH 1450
                                   2100 KGFE-2 ND 1359
                                                              2257 XHRIO-2 TAM 1245
                                   2120 KYCU-5 WY 1369
                                                         5 Es 2334 KPRC-2 TX 784
                                   2130 KTCA-2 MN 1008
     1255 XHGE-5 CAMP 1430
                                   2220 KOA-+ CO 1317
2225 KCKT-2 KS 984
                                                               2336 XBFE-2 TAM 1100
                                                         7 Es 1845 XEPM-2 CHI 1'19
     1300 XHRPM-2 CH 1450
     1305 XELN-4 COAH 1503
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George Rogers; continued---
July 1982
                                                                                     Festern TV DX
July 1982
                                                                                                                                                        September 1982
                                                                   September 1982
Eastern TV-DX
                             George Rogers; continued ---
                                                                                     22 Es 1840 KNOP-2 NE 1180 24 Es 1202 KCKT-2 KS 984
 July 1982
                           July 1982
                                                                                                                                              26 Es 1520 CKCO-2-2 1025
7 Es 2050 XEFE-2 TAM 1100 10 Es 10+4 K0CO-5 OK 776 18 Es 1550 CBFT-2 PQ 1086
                                                                                                                       1249 WBAY-2 WI 799
                                                                                           1916 KWGN-2 CO 1317
                                                                                                                                                    1543 WBAY-2 WI 799
8 Es 0920 KMOL-4 TX 981
                                                             1632 KORT-4 TX 1245
                                                                                           1917 KOA-4 CO
                                                                                                                       1250 KTCA-2 MN 1008
                                 1057 XHAO-4 CHIS 1450
                                                                                                                                                    1550 WTOM-4 MI 888
     0930 KENS-5 TX
                                                             1635 KAMR-4 TX 1036
                                                                                           1918 KSNB-4 NE 1065
                                                                                                                       1258 KUSD-2 SD 1120
                                 1058 KTIV-4 IA 1095
                                                                                                                                                    1555 CFCL-6 ON 1336
     1010 KPRC-2 TX 784
1012 KGBT-+ TX 1245
                                                             1650 KCKT-2 KS 984
                                                                                            2000 KTXT-5 TX 1116
                                                                                                                       1357 CBFT-2 PQ 1086
                                 1100 KDUH-4 NE 1339
                                                                                                                                                    1605 CFCY-2 ON 1005
                                                             1656 XHZ-5 QUE 1500
1730 KOB-4 NM 1320
                                                                                                                       1405 WLBZ-2 ME 1188
                                                                                            2025 KCKT-2 KS 984
                                 1102 XHRPM-2 CHIS 1450
                                                                                                                                                    1607 CJIC-5 ON
     1014 KRGV-5 TX 1250
                                                                                                                       1421 CFCM-4 PQ 1244
                                                                                            2112 KPRC-2 TX 784
                                 1200 KPRC-2 TX 784
                                                                                                                                                    1635 CKPR-2 ON 1348
                                                             1735 KNME-5 NM #
1750 KDBC-4 TX 1425
     1040 KMID-2 TX 1123
                                                                                                                       1455 CKCO-2-2 ON 1023
                                 1205 KWGN-2 CO 1317
                                                                                            2127 XHRIO-2 TAM 1245
                                                                                                                                                    1636 CHFD-4 ON
     1042 KACB-3 TX 1046
1110 KRIS-6 TX 999
                                                                                                                       1605 KMTV-3 NE 987
                                                                                     23 Es 1120 CKPR-2 ON 1348
                                 1345 XEPM-2 CHI 1430
                                                                                                                                                    1637 WFRV-5 WI 799
                                                             1800 XEJ-5 CHI 1430
                                                                                                                       1610 KXON-5 SD 1160
                                                                                           1145 WBAY-2 WI 799
                                 2025 CBFT-2 PQ 1086
                                                                                                                                                    1645 WIMJ-4 WI 686
     1115 KRII-3 TX
                                                                                                                       1615 KPRY-4 SD 1320
                                                             1808 XEPM-2 "
                                                                                           1255 KTCA-2 MN 1008
                            11 Es 1220 TR-2 Cuba 900
                                                                                                                                                    1650 KBJR-6 MN 1163
     1140 KDFW-4 TX 793
                                                                                                                       1620 KTIV-4 IA 1095
                                                             1814 KAVE-6 NM 1259
                                                                                           1308 KTWO-2 WY 1574
                                 1228 KGRT-4 TX 1245
                                                                                                                                                    1652 KDLH-3 MN
     1145 KXAS-5 TX 821
                                                                                                                       1630 KWGN-2 CO 1317
                                                             1830 KMID-2 TX 1123
                                 1230 KRGV-5 TX 1250
                                                                                           1312 KQTV-2 MO 843
                                                                                                                                                    1702 KTCA-2 MN 1008
     1220 KWAB-4 TX 1083
                                                                                                                       1935 KOAA-5 CO 1259
                                                             1840 KTXT-5 TX 1116
                                 1250 KRIS-6 TX 999
                                                                                           1327 KNOP-2 NE 1180
                                                                                                                                                    1705 KSTP-5 MN
     1222 KAMR-4 TX 1036
                                                             2100 KDIX-2 ND 1572
                                                                                                                       1945 KTWO-2 WY 1574
                                                                                           1332 KUSD-2 SD 1120
                                 1300 XET-6 NL 1281
                                                                                                                                                    1707 WCCO-4 MN
                                 2020 CKRN-4 PQ 1481 19 Es 0805
     1225 KTXT-5 TX 1116
                                                                                                                       1950 KOA-4 CO 1317
                                                                                           1420 WCR-2 NY 794
                                                                                                                                                    1735 KUSD-2 SD 1120
                                                                                                                       1952 KDUH-4 NE 1339
     1305 KCKT-2 KS 984
                                                             0810 KIVV-5 SD 1455
                                                                                           1635 KCKT-2 KS 984
                                 2025 CHAU-5 PQ 1475
                                                                                                                                                    1750 KXON-5 SD 1160
                                                                                                                       1953 KYCU-5 WY 1369
1955 KTXT-5 TX 1116
1956 KAMR-4 TX 1036
     1308 KWGN-2 CO 1317
                                                             0815 KPLO-6 SD 1350
                                                                                           1700 KWGN-2 CO 1317
                                 2045 CICI-5 ON 1238
                                                                                                                                                    1805 KGFE-2 ND 1359
     1310 WDAF-4 MO 773
                                                             0930 KWGN-2 CO 1317
                                                                                           1701 KOA-4 CO
                                 2050 WBAY-2 WI 799
                                                                                                                                                    1810 KXJB-4 ND 1339
     1315 KTVC-6 KS 1024
                                                             1100 KOB-4 NM 1320
                                                                                           1730 XEPM-2 CHI 1430
                                 2113 KMID-2 TX 1123 20 Es 1140 KWGN-2 CO 1317
                                                                                                                                                    1815 KFYR-5 ND 1472
1820 KDUH-4 NE 1338
     1317 KSNB-4 NE 1060 12 Es 1105
                                                                                                                       2000 KRMA-6 CO 1317
                                                                                            2023 XHRPM-2 CHIS 1450
     1318 KCMO-5 MO 773
                                                             1145 KOA-4 CO
                                                                                                                       2005 KTVS-3 CO 1295
                                                                                            2200 KMID-2 TX 1123
                                 1114 KDBC-4 TX 1425
                                                                                                                                                    1830 KWGN-2 CO 1317
                                                             1600 XHRPM-2 CHIS 14
     1319 KWN B-6 NE 1150
                                                                                                                       2055 KMID-2 TX 1123
                                 1115 XEPM-2 CHI 1430
                                                                                     24 Es 1040 XHAO-4 CHIS 1450
                                                                                                                                                    1832 WDI-5 IA 866
1900 KOAA-5 CO 1259
     1320 KNOP-2 NE 1180
                                                             1723 CBFT-2 PQ 1086
                                                                                                                        2100 XEPM-2 CHI 1430
                                 1420 KPRC-2 TX 784
                                                                                           1045 ICR-2-2 Cuba 845
     1322 KHAS-5 NE 1072 13 Es 0931
                                                             1728 CFCM-4 PQ 1244
                                                                                                                       2115 KDBC-4 TX 1425
                                                                                           1120 XEW-2 DF 1850
                                                                                                                                                    2110 KTWO-2 WY 1574
     1325 KMOS-6 MO 745
                                                             1838 WIVB-4 NY 794
                                 1050 KMID-2 TX 1123
                                                                                                                                                          KIVV-5 SD 1455
                                                             2030 WLRZ-2 ME 1188
           Sedalia
                                 1105 KTXT-5 TX 1116
                                                                                     Totak stations to date, 551. The high band skip on July 13th was good and was
                                                             2215 CKCY-2 ON 1005
     1330 WOWT-6 NE 987
                                 1115 KAMR-4 TX 1036
                                                                                     my second high band skip ever. As of July 26th here is the top twenty TV E-
     1335 KOAA-5 CO 1259
                                                             2300 KGFE-2 ND 1359
                                 1140 KCEN-6 TX 905
                                                                                     skip TV stations:
     1345 KUSD-2 SD 1120
                                                             2310 KTCA-2 MN 1008
                                 1141 KOB-4 NM 1320
                                 1142 KXAS-5 TX 821 21 Es 1142 KNOP-2 NE 1180
     1347 KPRY-4 SD 1320
                                                                                                                             KCKT-2 - 15 times KGRT-4 - 13 times
                                                                                     KMID-2 - 36 times KPRC-2 - 18 times
                                                             1147 CKPR-2 ON 1348
     1350 KXON-5 SD 1160
                                 1144 KNME-5 NM 1320
                                                                                     KWGN-2 - 36
                                                                                                         XHRPM-2 - 18
                                                                                                                              KOAA-5 - 15
                                                                                                                                                  KGFE-2 - 13
                                                             1220 CHFD-4 ON #
     1355 KPLO-6 SD 1350
                                 1242 KWGN-2 CO 1317
                                                                                     KUSD-2 - 21
                                                                                                         KTCA-2 - 18
                                                                                                                              CKPR-2 - 15
                                                                                                                                                  KDBC-4 - 12
     1402 KTIV-4 IA 1095
                                                             1240 CICI-5 ON 1238
                                 1243 KOA-4 CO
                                                                                     KOA-4 - 19
                                                                                                                              XEPM-2 - 15
                                                                                                                                                  WGBH-2 - 11
                                                                                                         KNOP-2 - 17
     1420 TR-2 Cuba 900
                                 1245 KOAA-5 CO 1259
                                                             1245 CKCY-2 ON 1005
                                                                                     XHAO-4 - 19
                                                                                                    2
                                                                                                                              KDIX-2 - 13
                                                                                                                                                  KAMR-+-11
                                                                                                         WLBZ-2 - 16
     1430 TR-4 *
                                                             1331 CKCO-2-2 ON 102
                                 1250 KWNB-6 NE 1150
                                                                                                                                                  KTXT-5 - 11
                                                             1340 CKGN-2-2 ON 115
     1510 XEPM-2 CH 1430
                                 1258 KYCU-5 WY 1369
                                                                                     Honorable mention each with 10 times logged - CKCY-2, KXON-5, KRGV-5.
                                                            1353 CFCL-3-2 ON 1350
     1520 KTCA-2 MN 1008
                                 1300 KNOP-2 NE 1180
                                                            1416 KWGN-2 CO 1317
     1525 WCCO-4 MN
                                 1303 KDUH-4 NE 1339
                                                                                     My top twenty list is based on my TV-DXing via E-skip. It is my personal poll
     1528 KSTP-5 MN
                                                             1620 KUSD-2 SD 1120
                                 1315 KUSD-2 SD 1120
                                                                                     to determine the No. 1 E-skip in the country. I'm still collecting various TV
                                                             1757 CBFT-2 PQ 1086
     1545 KGFE-2 ND 1359
                                 1319 KXJB-4 ND 1339
                                                                                     Guides from around the U.S. and Canada and I would like all the fellow WTFDA
                                                             1801 WLBZ-2 ME 1188
     1603 CKPR-2 ON 1348
                                 1330 KTCA-2 MN 1008
                                                                                     members around the country to please send those TV Guides to me because I'm
                                                            1802 KOAA-5 CO 1259
     1606 CJIC-5 ON 1005
                                 2010 KMNE-7 NE 1200
                                                                                     using the station ads for a logo mural that I will hang on my wall. Remember,
                                                             1806 KIVV-5 SD 1455
     1710 KOA-4 CO 1317
                                       Bassett
                                                                                     in 1982 TV-DX will come thru!
                                                             1836 WOI-5 IA 866
     1720 KRMA-6 CO
                                 2050 KGFE-2 ND 1359
                                                             1840 CHNB-4 ON 1226
     1735 KIVV-5 SD 1455
                                 2320 CKPR-2 ON 1348
                                                                                      Paul Gaines: 15920 Puritan. Detroit. MI 48227 EST-EDT
     1828 KDUH-4 NE 1338
                                                             1910 KPRC-2 TX 784
                                 2325 CHFD-4 ON
                                                                                                                 August 1981
14 Tr 2204 WLEX-18 KY 305
                                                                                     August 1981
                                                             2000 KQTV-2 MO 843
     1941 KQTV-2 MO 821 2350 CICI-5 ON 1238 2310 KDBC-4 TX 1430 14 Es 0007 CKX-5 MB 1515
                                                                                                                                              21 Tr W26AA, W64AF, W46-
                                                                                     12 Tr WNGE-2, WAND-17,
                                                             2005 KSNB-4 NE 1060
                                                                                                                                                     AB, WAND-17, WPNE-
                                                                                            WICD-15.
                                                                                                                        2227 WKZT-23 KY 345
                                                             2015 CHRO-5 ON 1152
9 Es 0819 KJRH-2 OK 716
                                 0008 KTCA-2 MN 1008
                                                                                     13 Tr 2314 WAND-17 IL 340 15 Tr WTIU-30, WKYT-27,
                                                                                                                                                     38, WKOW-27, WMTV-
                                                             2020 WIVB-4 NY 794
     1000 XHRPM-2 CHIS 1450
                                 0010 CKCY-2 ON 1005
                                                                                                                                                    15, WTVO-17, WQRF-
39, W58AM, W67AL.
                                                                                                                 WLKY-32, WAVE-3, WHAS-11.
17 Tr 2159 WAND-17 IL 340
                                                                                            2315 WICD-15 IL 305
                                                             2025 WPTZ-5 NY 1055
     1020 XHAO-1
                                 0020 CKPR-2 ON 1348
                                                             2048 WBAY-2 WI 799
2050 WTOM-4 MI 888
                                                                                            2323 WILL-12 IL
     1030 KGBT-4 TX 1245
                                 2005 XHRPM-2 CHIS 1450
                                                                                            2333 WUSI-16 IL 355 18 Tr 0008 WICD-15 II 305 22 Tr 2129 WKPC-15, W+7-
     1100 KRGV-5 TX 1250 16 Es 1111 WESH-2 FL 535
                                                                                                                        0011 KTVH-12 KS 815
                                                                                            2357
                                                                                                 WBAK-38 IN 290
                                                                                                                                                     AB.
                                                             2052 WFRV-5 WI 799
     1305 XHGE-5 CAMP 1430
                                 1120 ICR-2-2 Cuba 845
                                                                                                                                              6-22-81 Es 0500 CJCN-1+ NF
                                                                                            2358 KETC-9 MO 450
                                                             2120 KHAS-5 NE 1072
                                                                                                                             Hutchinson
     1440 ICR-4-4 Cuba 845
                                 1145 WPBT-2 FL 776
                                                                                     14 Tr 0006 KINL-30 MO
                                                                                                                                                          Grand Falls
                                                                                                                        0116 WXOW-19 WI 410
                                                                                          2130 KXON-5 SD 1160
     1450 TR-5 Cuba 900
1453 WTVJ-4 FL 776
                                 1535 KCKT-2 KS 984
1537 KTVY-4 OK 776
1538 KAMR-4 TX 1036
                                                             2132 KFYR-5 ND 1472
                                                             2137 KWNB-6 NB 1150
     1959 XHRIO-2 TAM 1245
                                                             2146 KSTP-5 MN 1008
     2005 XHZ-5 QUE 1500
                                 1539 KXAS-5 TX 821
                                                             2150 WOWT-6 NB 987
     2049 KWGN-2 CO 1317
                                 1540 KAUZ-6 TX 910
                                                             2152 KTIV-4 IA 1095
     2050 KOA-4 CO
                                 1542 KJRH-2 OK 716
                                                             2154 KPRY-4 SD 1320
     2056 KRMA-6 CO
                                 1547 KTXT-5 TX 1116
                                                             2300 KCKT-2 KS 984
                                                                                                                                                     W46AB, W64AK, W26AA
     2110 KMID-2 TX 1123
                                 1556 KOCO-5 OK 776
                                                                                           2103 WICD-15 IL 305
                                                                                                                             WORF-39, WTVO-17,
                                                             2322 KJRH-2 OK 716
     2115 KAMR-4 TX 1036
                                 1602 KOTV-6 OK 716
                                                                                                                                                     W47AB, W58AM.
                                                      22 Es 1145 WORA-5 PR 1650
                                                                                           2106 WUSI-16 IL 355
                                                                                                                             WICD-15.
                                                                                                                        2300 U.S. station run- 31 Tr WAND-17, W39AA,
     2120 KTXT-5 TX 1116
                                 1619 KDFW-4 TX 793
                                                                                           2109 WBAK-38 IN 290
                                                                  Mayaguez
     2122 KGAN-2 IA 712
                                 1700 KMID-2 TX 1123
                                                                                                                                                       W47AB.
                                                                                                                             ning WA-- on TV32
                                                             1245 TR-5 Cuba 900
                                                                                           2115 WILL-12 IL 305
     2134 KOAA-5 CO 1259 17 Es 1300 WLBZ-2 ME 1188
                                                                                                                             Windsor, ON.
                                                            1255 KGBT-4 TX 1245
                                                                                            2117 WIHI-10 IN 290
                                                                                           2122 W64AK OH 125 20 Tr 0110 TWO tp on ch.60. September 1981
2130 W46AB NY 180 0901 WAND-17, WICD-15. 3 WREX-13, WI
2201 WKPC-15 KY 310 2154 W58AM (WNEO) OH 150 WBAY-2, CKE
     2136 KAVE-6 NM "
                                 1330 WGHH-2 MA 995
10 Es 1030 KUSD-2 SD 1120 18 Es 1540 WLEZ-2 ME 1188
                                                            1300 XHAO-4 CHIS 1450
                                                                                                                                                3 WREX-13, WTVO-17,
                                 1800 XHRPM-2 CHIS 1450
                                                            1305 XHRPM-2
                                                                                                                                                   WBAY-2, CKSO-5,
                                                                                                                                                    etc., etc.
```

Youngstown

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.

6.4.5.m. 2003	1000	Town - 1080
0ctober 1981 June 7 14 Tr 0604 <u>W58(WNED)</u> 15 Es	1902	June 1982 26 Es 1011 WEDU-3 FL 1000
14 11 000+ <u>W70(MIED)</u> 15 ES	2070 MME-3 NE 000	20 ES 1011 #BD0-3 12 1000
November 1981 17 Ms	OFOR LANCE OF MI 1090	1100 CHIT-3 NS 970 1115 WDSU-6 LA 940 1140 WKRG-5 AL 855
4 Tr 0328 WLRE-26 WI 275 Rs	2125 MAGES IN T//	1140 WKRG-5 AT. 855
Green Bay	2130 KRMA-6 CO 112	1231 KCEN-6 TX 1090
1 TH TH OGOL CKCOL-11 ON 280	21 24 WOTY 6 PT 1176	1 20 Re 1 200 KTNR-3 NE 860
The Muskokas	2136 KOAA-5 CO 114	, jo 25 2500 iiii.2 5
(Huntsville)	2158 KTVC-6 KS 930	July 1982
The Muskokas (Huntsville) 15 0858 TWO i.d. seen on ch.16-then WPTD	2159 WKRG-5 AL 855	1 Bs 1015 KIII-3 TX 1280
ch-16-then WPTD	2300 KYCU-5 WY 1096	8 Rs 0215 KOET-3 OK 820
gave their double	2346 KTVS-3 CO 102	0250 KFDX-3 TX 1000
1.d. 18 Es	0110 KOTA-3 SD 995	0258 WDSU-6 LA 940
	0125 KIVY-5 SD 102	0250 KFDX-3 TX 1000 0258 WDSU-6 LA 940 0 0301 WKRG-5 AL 855 0328 WEAR-3 FL 870
January 1982 26 Es	1240 KOCO-5 OK 995	0328 WEAR-3 FL 870
1800 KATC-3 LA 970	1400 KYCU-5 WY 1090	Joliet (Chicago)
KFDX-3 TX 1000	1401 KOAA-5 CO 114	6 0340 KWWL-7 IA 450
1805 WEAR-3 FL 870	1425 KOTA-3 SD 995	0341 KCRG-9 IA 415
Verification card received-	1438 KPLO-6 SD 830	0916 WBBS-60 IL 265
1800 KATC-3 LA 970 KFDX-3 TX 1000 1805 WEAR-3 FL 870 Verification card received- from CBWFT-3 from 8-8-8-81	Reliance	Aurora (Chicago)
lagging.	1443 KTVV-5 SD 1029	5 11 Ks 2045 WrSB-1 CT 530
	1500 KBME-3 ND 905	Hartford
April 1982 14 Tr 2115 WMMA-17 MI 125	2220 WTLW-44 OH 12	2059 KHMK-3 ND 905
14 Tr 2115 WWMA-17 MI 125	Lima	2100 <u>WSTM-3 NY 350</u>
Grand Rapids	2335 WKDI-43 IN 19	Syracuse 13 Es 2355 KLNE-3 NE 860
*···· 100a	Richmond	13 ES 2355 ALME-3 ME 000
June 1982 8 Rs 1145 WEDN-3 FL 1000	2027 KARD-3 KS 010	14 Es 0027 KARD-3 KS 810 20 Es 2020 CJERT-3 PQ 815
1215 WEAR-3 FL 870 20 Es	1501 KIII-3 TX 128	Rimouski
10 mm 31 m MV C-62 UH 1 m2	2120 KENS_5 TY 122	0200 KYCII-5 WY 1090
Canton 22 Fe	1123 KRTY-3 TY 107	0230 KWGN-2 CO 1125
13 Re 2158 WRDG-3 Ft. 1000	1200 KIII-3 TX 128	0356 CKCK-2 SK 1150
2307 CHMFT-3 MB 840 25 Re	1205 Cuba-3 139	1458 WEAR-3 FL 870
14 Es 0201 CHT-3 NS 970	1209 WEDU-3 FL 100	1532 KRTX-3 TX 1070
0731 CBAFT1-5 NB 845	1225 WPTV-5 FL 111	2130 KOCO-5 OK 995
1307 KTVC-6 KS 930 10 Th 2141 WOAC-67 OH 145 Canton 22 Es 13 Es 2158 WEDU-3 FL 1000 2307 CBMFT-3 MB 840 25 Es 14 Es 0701 CHHT-3 NS 970 0731 CBAFT1-5 NB 845 Fredrickton 0950 Cuba-3 1390 15 Es 2055 KTVS-3 CO 1025	1226 WCIX-6 FL 117	0 22 Es 022+ KWGN-2 CO 1125
0950 Cuba-3 1390	1359 KFDX-3 TX 100	0 24 Es 1225 Cuba-3 1390
15 Es 2055 KTVS-3 CO 1025	1400 KATC-3 LA 970	1235 WCIX-6 FL 1170
		1240 WPTV-5 FL 1110
In answer to your question Paul	my shortest Es is	1256 WEDU-3 FL 1000

WCCO-4 280mi. (seen a long time ago, over 20yrs) My farthest is WAPA-4 2185mi. seen about 6 years ago, (check past VUD's if you want to know the exact day .- wd)

Michael P. Hollis: 102 Star St., Enterprise, AL CDT April 1982 May 1982 3 Es KRIS-6 TX 750@0924 17 Tr 0530 KAIN-15 LA 390 12 Tr 2100 KUHT-8 TX 590 KLFY-10 LA KHTV-39 TX 0930 XEFB-3 NL 990 KBMT-12 TX 500 11 Tr 0525 KHTV-39 TX 590 KRIV-26 TX * KHOU-11 TX * 0536 W68AH AL 170 KRIV-26 TX " Cahaba Heights, Mountain KTVV-36 TX 730 2200 KNCT-46 TX 700 KRDT-16 TX 750 KBMT-12 TX 500 Brook, Vestavia Hills WAFB-9 LA 320 (WBMG-42) 0538 KPLC-7 LA 460 0530 KTRK-13 TX 590 0800 KTXT-39 TX 660 Corpus Christi Es 2330 KCKT-2 KS 900 June 1982 14 Tr 0547 WPTY-24 TN 370 6 Tr 0621 W57AN 13 Tr 2100 KLRN-9 TX 780 San Antonio 0630 KRIV-26 TX 590 2130 KVUE-24 TX 730 0550 WBBJ-7 TN 350 KHTV-39 TX KTVV-36 TX Jackson 0614 KAIT-8 AR 430 0700 KXTX-39 TX 660 KVEO-23 TX 810 0900 KLTM-13 LA 380 2150 WFIE-14 IN 480 2150 KWBX-41 TX 780 Jonesboro 0620 WMAV-18 MS 300 22 Tr 2130 WGXA-24 GA 170 WEHT-25 IN Macon Oxford 2200 WZTV-17 TN 350 2205 WKMA-35 KY 430 0623 WABG-6 MS 295 Green wood WIVF-5 IN 350 77 Rs 0924 KIII-3 TX 740 2230 0628 WMCT-5 TN 370 Nashville

E	ste	era T	<u>V-DX</u>	ike Ho	llis;	continued	September 1982
J	<u>me</u>	1982		June	1982		June 1982
7	Tr	0300	WFAA-8 TX 660	9 Tr	0600	KTVV-36 TX 730	18 Es 1100 KMID-2 TX 960
			Dallas		0606	KVUE-24 TX	KENW-3 NM 1050
	Es	1800	WCML-6 MI 990		0618	KTWS-27 TX 660	1200 <u>XBJ-5 CH 1250</u>
			Alpena		0620	WMAU-17 MS 280	Ciudad Juarez
_			WFRV-5 WI 950		0630	KXTX-39 TX 660	<u>KACB-3 TX 880</u>
8	${\tt Tr}$	0440	WIVE-5 IN 350		0641	KLTS-24 LA 480	San Angelo
		0530	WNGE-2 IN		0(1)	Shreveport	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
		0538	WHNT-19 AL 250	7 O TO	0644	KLTM-13 LA 380	Ciudad Juarez
		0637	KN EN - 33 TX 660	10 Tr	0137	MTHN-17 LT 230	1100 WCML-6 MI 990
	_		Dallas		0140	MVIII-21 11 200	<u>WLUC-6 MI 1080</u>
	Es	0931	KUSD-2 SD 1050		0200	WHFT-45 FL 530	Marquette
		1.000	KXDA-2 PA 730		0208	WCKT-7 FL "	
			new call for		0430	MCbx-6 kr 330	July 1982
_	_	0	KDKA ? ? ?		ol, al.	WKID-51 FL 500 WHFT-45 FL 530 WCKT-7 FL " WCPX-6 FL 330 (ex-WDHO) WESH-2 FL "	8 Es 1300 KTCA-2 MN 1050
9	Tr	0138	KVTV-13 TX 880	!	0434	WESH-2 FL "	KSTP-5 MN "
			Laredo		0233	MIXE-22 EF 440	8 Es 1300 KTCA-2 MN 1050 KSTP-5 MN " 1700 KSRE-6 ND 1460 Minot 1800 WFAY-2 WT 950
		0154	KSAT-12 TX 780	100	031.0	Leesburg	Minot
					OT48		
		0207	KERA-13 TX 660		0001	Bancroft	9 Ls 1630 WRBT-33 LA 320
		0011	Dellas	3 3 70	0204	CBFT-2 PQ 1200	Es 1918 KENS-5 TX 780
		0244	KTEC-7 TX 730	IJ ES	2330	WLBZ-2 ME 1350	1930 <u>KBTX-3 TX 650</u>
		0300	Austin	a. 1. m	0000	Bangor	Bryan
		0300	WFAA-8 TX 660	I4 ES	0000	CKC0-2 ON 1000	1230 KENW-3 NM 1050
		0.500	KXTA-21 TX "		0900	WGHH-2 MA 1150	1300 KMID-2 TX 960
		0508	KPRC-2 TX 590		0005	Boston.	1930 KHTX-3 TX 760 1930 KHTX-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 WGR-2 NY 920
		0277	KT W - 29 AR 590		0935	2,3,5 from Cuba	Temple
		٥٣٥٥	Fayetteville	3 C D-	1620	700 mi.	KMID-2 TX 960
		0520	KTBS-3 LA 480	T) ES	T030	KAAL-6 MN 960	1400 WGR-2 NY 920
		0526	KMTC-27 MO 600		T.500	KSTP-5 MN 1050	12 Tr 0143 WFBC-4 SC 320
			Springfield			VIIIO-3 2D T100	Greenville
		0550	KRIV-26 TX 590		1.000	Florence	16 Es 1632 <u>KHAS-5 NE 970</u>
		0530	KXAS-5 TX 660		1730	MDWX-P ND TSOO	Hastings
			rt. Worth			rargo	18 Es 1900 KOAA-5 CO 1180
		\2\2\2\2\-	KHT V-39 TX 590			KSTP-5 MN 1050 KDLO-3 SD 1160 Florence WDAY-6 ND 1200 Fargo KMTV-3 NE 920 Omaha KAVE-6 NM 1100	Pueblo
		U2 45	KPLC-7 LA 460	1Ω TP-	1100	UDADA	KRMA-6 CD 1250
			KSLA-12 LA 480	TO P2	TTOO		LI DD I/OU ON IN-J ON JJO
						Carlsbad	WGR-2 NY 920
_						233	0-2358 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 con-Vention 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 facset 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 Divers 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 És - 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,

gastern TV-DX

cable 4. 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 & Bastern Pa. U's including WTVE-51, Reading and WGCB-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 KDET-3 Okla.; 22nd Es?----at 2230; CHHT-3 Halifax, NS, CHC - 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 explanations 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 summer 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 aheads 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 tatals include locals of course. (All of the following loggings are new.-wd)

| Secondary | From Winston-Selem: | July 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 WTVD-11 NC 180 27 Tr 2342 WTVD-11 NC t 26 Tr 0028 WPDE-15 SC 261 0323 WSOC-9 NC 294 WCTI-12 NC 102 (via CATV after WHRO s/off)(via CATV after WNCT s/off) 2344 WCPB-28 MD 144 0050 WMDT-47 MD 144 27 Tr 2338 WUNC-4 NC 188 2345 WCVE-23 VA 141 0107 WB0C-16 MD * 2340 WRAL-5 NC 165 2356 WXEX-8 VA " WECT-6 NC 181 28 Tr 0002 WPTF-28 NC 165 0120 WBT-12 VA 141

Thomas J. Yingling, Jr.: 221 Pinewood Rd., Baltimore, MD EST-EDT February 1982 May 198 February 1982 15 Tr 0000-0230 3 Tr 2358 WAAT-40 NJ 4 Tr 1830 WENY-36 NY 1845 WHAG-25 MD WIVZ-33 VA, WNJT-52 NJ 4 Tr 0010 W63AM 0015 W6ØAL 1900 WITF-33 P▲ WNJB-58 NJ, WYAH-27 VA VA 14 Tr 2100 - 2400 0018 W+1AC VA WWAC-53 NJ, WWSG-57 PA, April 1982 0020 <u>W56BB</u> <u>av</u> WRLB-65 NJ, WTAF-29 PA, 20 Tr 2000 WDPB-40 DE Tanger WPHL-17 PA, WKBS-48 NJ. 0030 WWAC-53 NJ Seaford 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, W64AS 2315 WVIR-29 VA 15 Tr 0000 - 0230 2330 WYAH-27 VA 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
7 Tr 2359 WNJS-23 NJ	15 Es 1900 KYTV-3 MO	15 Tr 2336 - 2400
6 Tr 0010 WDPB-65 NJ	KARD-3 KS	WSBE-36 RI. WSBK-38 MA
0013 WYAH-27 VA	KLNE-3 NE	WSNL-67 NY. WXNE-25 MA.
0020 W63AM VA	to KTBS-3 LA	WLIW-21 NY, WLVI-56 MA.
W58AK VA	WOI-5 IA	WVIT-30 CT, WNJU-47 NY.
W+LAC VA	(rarel)	WGTR-66 t.
W52AB VA	2130 WDAF-4 MO	18 Es 1500 Cuba-3
0030 <u>WTVU-59 CT</u>	17 Es 2000 Cuba ch.3	1530 WCIX-6 FL
Waterbury	2020 WWL-+ LA	19 Es 1830 CJ&B-4 NS
0100 <u>WSNL-67 NY</u>	2030 KATC-3 LA	to CJON-6 NF
Smithtown	2045 WDSU-6 LA	2145 CBHT-3 NS
OLOZ WODAL NY	28 Gw 1700 WNUV-54 MD	Tr 2200 WPTF-28 NC
OTOP MMHI-98 NI	Baltimore	WHAG-25 MD
Newark	(1st day STV)	WWPB-31 MD
0110 WHR0-15 VA	•	WRLH-35 VA
8 TF 0100 - 0230	July 1982	to WVIR-29 VA
WSEK-38 MA, WXNE-25 MA,	7 Tr 0003 WQTV-68 MA	WHTM-27 PA
MINITION MA, WSNL-67 NY,	(over WWHT)	WVPT-51 VA
WWHI-OO NJ, WUIV-OO MA,	0020 WSNL-67 NY	W+1AB VA
MANAGEST NA (O.AGL MWDL)	0030 WDAU-22 PA	W42AC VA
WAI V-+1 NJ, WGBB-40 MA	OLOO WNEP-16 PA	2400 W75AP
Springileta, wrix-ii NY,	11 Es 0800 muf to 93.7	20 Es 1900 CJCB-1+ NS
Womw-27 MA (rare),	12 Tr 2300 WEDW-49 CT	to CJCN-4 NF
WIAA-20 Of Materbury,	WAJU-47 NJ	2020 CBHT-3 NS
15 F- 0000 0000	WXT V-+1 NY	Tr 2330 W25AA VA
WORT), MC WOTY 4 Pt	W35AB PA	26 Tr 0030 W62AY MD
MODITY MO, WOLK-O FL,	WNJS-23 NJ (1	relaying WDAU instead of
WEAR-3 FL, WEDU-3 FL,	to WSHK-38 MA	WAPB)
both with some nace	MONAT NA	0035 WLVI-56 MA
or and real same broke	WWHI-68 NJ	0040 WVIT-30 CT
ST IT TOO MIVE-OO AT	WFMZ-69 PA	0045 WFTI-54 NY
2306 MUM-33 VA	2400 WNEW-5 NY	0050 MFMJ-21 OH
2303 MMWC=32 Kg	14 ES 1201 KSTP-5 MN	0051 WPGH-53 PA
MIAN 8 AV	THE COOR SHOOT NE	0053 WPTT=22 PA
AV CIMBULL	TF 2200 = 2400	0055 WYTV-33 OH
MADI-TS AW	WSBE-30 RI, WSBR-30 MA	, 0100 WCFC-38 IL 600
MIAII-Z/ VA	WMIU-31 NI, WARE-25 MA.	, 0105 WFLD-32 IL "
₩ <i>⊆ JAM</i> VA ₩₽₩7_60 DA	WIAA-20 OI, WEDW-49 OI	, O125 WSEE-35 t
MLXX=30 Cu	WINTED AND THE MINE AND A MILE.	0170 MT10-32 £
WETT_EL NV	MULTICO HOS MICHAEL OF HA	OLTTO WADNI-20 T
METT-74 WI	MOTULOG C MONI-SH NI	, Z/ IF UDAY WSHA-43 PA
	WEDN-53 CT, WFTI-54 NY	Sep tember 1982 July 1982 15 Tr 2336 - 2400 WSHE-36 RI, WSHK-38 MA WSNL-67 NY, WXNE-25 MA, WLIW-21 NY, WLVI-56 MA, WVIT-30 CT, WNJU-47 NY, WGTR-66 t. 18 Es 1500 Cuba-3 1530 WCIX-6 FL 19 Es 1830 CJEB-4 NS to CJON-6 NF 2145 CHHT-3 NS Tr 2200 WPTF-28 NC WHAG-25 MD WWPB-31 MD WRLH-35 VA to WVIR-29 VA WHTM-27 PA WYPT-51 VA WHAB

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

		September 1982 August 1982 + Tr 0640 CKYA-8 MB 640 Fisher Branch (first trope from MB) 0645 CKY-7 MB 593 Winnipeg 0727 CEWT-29 MB 520 Piney (3/4 c.b. alternating with CBC Winnipeg of the color of th
Eastern TV-DX	Draeb; continued	September 1982
July 1902 July 1902 July 1902 July 1902	11	# Tr OGHO CKYA-8 MB GHO
Actually there was	KEYC-12 MN	Fisher Branch
nothing wrong with	Also unided CB	s (first tropo from MB)
it. Moisture got	station to NW.	0645 <u>CKY-7 MB 593</u>
nections on top of	Called KXMB bu	t Winnipeg
the tower and juice	CTCO-9 ON t	Piney
wasn't getting to it	0652 K38AB(KIIN) 32	9 (3/4 c.b. alternat-
from the power supply.	KMEG-14 IA 462	ing with CBC Winni-
Es 1245 WER7-2 LA 1002	0658 Unided xltrs of	n peg t.p. every few
KATC-3 LA 1026	#4,40,48,50&52 Fe 1727 CEUT_2 NG 1170	2029 KDSD-16 SD 538
WWL-1+ LA 1028	Tr 1945 WFMJ-21 OH 420	WUTV-29 NY 445
WDSU-6 LA "	WKEN-27 OH "	CELFT-25 ON 410
1715 KM1D-2 TX 1123	WYTV-33 OH "	CFMT-47 ON "
KWAB-4 TX 1135	WP BY -33 WV 498	210) CBLFT-44 ON 458
KMOL-4 TX t	WSEE-35 PA "	2303 WHEAD NY 406
1840 KOB-4 NM t	WQLN-54 PA	WSEE-35 PA 405
11 Es 1808 CJCB-4 NS 1350 2	25 Tr 0545 KPLR-11 MO 43	2 WJET-24 PA "
2000 NDUS=4 MT KTVM=6 MT 1219	MGEW-10 1L 3/3	2309 WP DI = 33 WV T
2033 KYW-3 PA 705 26	5 Tr 1955 WFMJ-21 OH 420	2336 WPTT-22 PA 480
WCBS-2 NY t	WYTV-33 OH "	WPCB-40 PA H
WNBC-4 NY t	Es KMID-2 TX 1123	2343 WNPE-16 NY 600
2030 WPSA-3 PA 310	("Late Update	CBLFT=34 ON 374
2100 KID-3 ID 1214	2016 KENW-3 NM t	Barrie
CJERT-3 PQ t	KAMR-4 TX t	WMGC-34 MY 600
12 Tr 1946 KDNL-30 MO 432	2021 KAVE-3 NM t	5 Tr 0552 K57(KDLH) MN
WADH-31 AY T	2100 KFDX-3 TX 945	WAND PORTAGE 200
WVUT-22 IN 405	2109 KTXT-5 TX t	Grand Marais 268
CELFT-16 ON 272	2144 KWAB-4 TX 1135	0559 WUTV-29 NY 445
13 Es 1215 WWL-4 LA 1028	2147 KTVY-4 OK 820	WSEE-35 PA 405
18 Re 1635 KUTV-2 UT t 27	2211 AUET-3 UA 700	OGOZ WMGC-31 NV GOO
KTVX-+ UT t 31	Tr 2354 KDNL-30 MO 432	0622 WNEO-45 OH 406
1644 Unideds on 384	(with STV prog	.) 0627 WOAC-67 OH 395
to NE (CFL Footb	Dell)	(color bars with call)
19 Es 0930 KXLF-4 MT 1219 1	Tr 0756 WCET-48 OH 400	Youngstown U's
KTVM-6 MT "	WETI-64 OH "	1219 WPTT-22 PA 480
KRTV-3 MT 1157	Es 1945 WEDU-3 FL t	WNEO-45 OH 406
20 Es 1715 WGHH-2 MA 040	WDSU=6: LA t	Vollagetore
WBZ_1+ MA 81+0	2030 KDFW-4 TX 957	WCET-48 OH 400
WCVB-5 MA "	KXAS-5 TX 972	WP GH-53 PA 480
WABI-5 ME 925 2	2 Tr 2237 WUTV-29 NY 445	WP BO = 42 OH 461
WLB2-2 ME " 1728 WCSH_6 ME 855	WKEN-27 OH 420	1037 Erie U's 405
1921 CHSJ-4 NB 1085	WITH F-31 NY 500	Youngstown U's also
to NE (CFL Footb 1900 KOET-3 OK 786 A 19 Es 0930 KXLF-H MT 1219 1 KTVM-6 MT " KRTV-3 MT 1157 20 Es 1715 WGH-2 MA 840 CHI-3 NS 1170 WEZ-4 MA 840 WCVB-5 MA " WABI-5 ME 925 2 WLEZ-2 ME " 1728 WCSH-6 ME 855 1921 CHSJ-4 NB 1085 1930 WCAX-3 VT 707 21 Es 0235 KWGN-2 CO 952 KOA-4 CO " Tr 0630 WP MY-33 WV 498 3 0758 WP MY-33 WV 498 3	WPTT-22 PA 480	booming in.
21 Es 0235 KWGN-2 CO 952	WP CH-53 PA "	W58AM OH 420
Tr 0630 WPBY-33 WV 498 3	054 HU 15-LM1W Affi TA C-24W3 OOFO 23 F	1849 WICZ-40 NY 600
0758 WP BO-42 OH 461	CFCN-4 AT "	WMGC-34 NY "
MNWD=4T VT ±2\	CKSA-2 AT 1175	WSVC-40 NI "
Es 2118 WEDU-3 FL 1192 2200 WEAR-3 FL 986	0327 CFQC-2-3 SK	1900 WEAO-49 OH 380
2200 WEAR-5 PL 900 2203 WKRG-5 AL 967	Tr 2000 KTHI-11 ND 518 2059 KGFE-2 ND "	1906 WUTV-29 NY 445 (very strong)
22 Tr 1845 WUTV-29 NY 445	Grand Forks	WNED-17 NY 445
WPBY=33 WV 498	Es 2147 Unided-2; W.	(ditto)
2034 WCET-48 OH 400	Tr 2150 WDAZ-8 ND t	1914 WOAC-67 OH 395
WXIX-19 OH " WDRB-+1 KY +37	2153 WDAY-6 ND t <u>KXJB-4-ND 541</u>	WTOF-17 OH " 1937 Wilkes-Barre
WLKY-32 KY "	Valley City	Scranton U's all
2039 KDNL-30 MO 432	2215 KFMB-13 ND t	snow free except
23 Tr 0730 WOAC-67 OH 395	2334 KDNL-30 MO 432	ch_22_
W67AJ(WJIM) 4 2245 KHIN-36 IA 457	+ Tr 0625 KXJB-4 ND t	2009 WLVI-39 PA t free) WFMZ-69 PA t
26	0636 WDAZ-8 ND(snow	1166/
		

Eastern TV-DX	Draeb; continued	September 1982
August 1982	August 1982 Aug	ust 1982
5 Tr 2024 WNJB-58 NJ t	6 Tr 214+ WSFJ-51 OH 395 7 T	r 0552 WKBN-27 OH 420
2052 W64AF(WVIZ) OH		0558 CFMT-47 ON 410
Conneaut	<u>ch.51</u>)	0609 CHLFT-15 ON 502
2112 <u>W67AL(WVIZ)</u> OH		0611 WUTV-29 NY 445
East Lake	WOAC-67 OH 395	0612 WUTR-20 NY 620
6 Tr 0543 WBRE-28 PA 630	2300 WQLN-54 PA 405	0615 CHLFT-32 ON 543
WYTV-33 OH 420		0627 CELFT-44 ON 458
WKBN-27 OH. "	WSEE-35 PA "	0631 WXXI-21 NY 500
WFMJ-21 OH "	2306 WEAO-49 OH 380	Uxbridge-22 ON 413
0822 WPGH-53 PA 480		0636 WUHF-31 NY 500
2111 WNEO-45 OH 406	7 Tr 0545 WPGH-53 PA 480	0645 WFMJ-21 OH 420
	WSEE-35 PA 405	WJET-24 PA 405
Youngstown U's still	1 in. 0552 WYTV-33 OH 420	0701 CBLFT-16 ON 272

Let me explain a little about the tropo activity during the first part of August, especially the 3rd. On the evening of the 3rd between 1830 and 1930 local time a line of severe thunder storms moved through here. Actually, the worst part of them moved right over Green Bay knocking out chs.2,5,11&38 at 1945. They weren't off for just a few minutes but all evening. About 25,000 utility customers were without electricity because of downed power lines, trees etc. The lights flickered here briefly but that was it. Needless to say, when the locals went off I started to see what DX might be around. WTCN-11 in all evening nearly snowfree and every few minutes KTHI-11 would override them. On channel 2 I thought I was watching KTCA but when station I.D. time rolled around KGFE was there instead. Then, later on, during the 10 o'clock news the weather girl on KXJB-+ was doing her thing and said not to be concerned about those blobs on the radar screen to the east because, she said, they were being caused by an air inversion. The following morning (the 4th) I saw my first tropo ever from Manitoba. CKY-7 was nearly snowfree and CKYA-8 was a little weaker. I then turned my attention to UHF and found a station on chi29 which turned out to be one of CBWT's sattelites. The signal was pretty good with no trouble reading the information that was there. They were briefly snowfree between 0830 and 0845. Then, later in the day the action shifted to the east and you can see what happened by reading my report. Notice that WSFJ-51 is now on ch.51 and not on ch.52 any more. I hope the DX continues.

























BOSTON'S TV 25







WALB-TV 10

VIF UTILITY DX

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

VHF UTILITY DX.....This month's feature will feature the bang-up skip that occured 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

			•	-
7-14-82	•			
0010	42.38	KSD 246	Elmwood City, WS	Wisconsin State Patrol
0011	42.38	KMB 227	Tomah, WS	Wisconsin State Patrol
0012	42.38	KSA 532	Baraboo, WS	Wisconsin State Patrol
0019	42.38	KBE 609	Deerfield, WS	
0022	42.38	KSB 244		Wisconsin State Patrol
0041	42.60		Chilton, WS	Wisconsin State Patrol
0042		KSB 230	Joliet, IL	Illinois State Police
	42.56	KSB 242	Chicago, IL	Illinois State Police
0043	42.46	KAB 308	Ohmaha, NE	Nebraska State Patrol
<u>7-16-82</u>	15.00			
1615	45.06	KIK 502	Arcadia, FL	Florida Highway Patrol
1646	42.06	KAA 243	Springfield, MO	Missouri Highway Patrol
1651	44.98	KJE 260	Independence, KS	Kansas Highway Patrol
1652	44.98	KFZ 915	Wichita, KS	Kasnas Highway Patrol
1653	44.70	KKC 881	Pawnee, OK	Oklahoma Highway Patrol
1657	44.70	KVP 598	Muskogee, CK	Oklahoma Highway Patrol
<u>7-20-82</u>			-9 ,	
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	
1946	33.90	KFV 836		Lakes Region Fire
2000	33.90	KDA 383	Ashland, NH	Ashland Fire Assoc
2012	42.06	ליטל אשו	Milford, NH	Milford Fire Department
2014	33.70	VCD E11	KirkHand Lake, ON	Ontario Provincial Police
2012		KCD 511	Camden, ME	Camden Fire Department
2008	42.06		Kapuskasing, ON	Ontario Provincial Police
_	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		Pembrooke, 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	
2315	42.54	KAJ 780	Duluth, MN	Minnesota State Patrol
2339	42.50	KAE 844	Virginia, MN	
7-21-82	1-42-		· 12 Billia, III	Minnesota State Patrol
1654	39.46	KAA 555	Cofformillo	W
1654	39.46	KAB 271	Coffeyville, KS	Montgomery County Sheriff
1800	44.62	KLO 265	Great Bend, KS	Police Department
1802	42 .12		Jonesboro, AR	Arkansas State Police
1802		KAA 522	Willow Springs, MO	Missouri Highway Patrol
1802	39.50	KSD 269	Metropolis, IL	Massac County Sheriff
	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, CK	Oklahoma Highway Patrol
1829	44• <u>7</u> 4	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, CK	Oklahoma Highway Patrol
2126	37.04	KZJ 900	Clarendon, AR	Monroe County Sheriff
		•	•	

VHF UTILITY DX

August 1982

Blevins (continued)

7-21-82 2247 2323 2324 2324	44•74 37•24 37•24 37•24	KAN 646 2JP 477 KYL 647 HDY 432	Dermott, AR	Arkansas State Police Police Department Police Department Police Department
<u>7-22-82</u> 0901	42.12	KSR 937	High Ridge, MO	Missouri Highway Patrol
7-22-82 0952 1026 1036 1036 1036 1059 1106 1112 1113 1113 1117 1120	L.J. O.L.	KDD 961 LIZ 397 KSE 450 KSB 236 KDD 947 KSB 231 KAA 471 KSG 394 KFM 399 kSA 332 KSG 686 KQB 356 LAE 844	Melrose, MA St. Cloud, MN Louisville, IL Effingham, IL Garden City, KS Crestwood, IL Horton, KS Mount Sterling, IL Nashville, IL Jacksonville, IL Blue Mounds, KS Findlay, CH Virginia, MN	Fire Department Minnesota State Patrol Clay County Sheriff Illinois State Police Kansas Highway Patrol Illinois State Police Kansas Highway Patrol Brown County Sheriff Washington County Sheriff Morgan County Sheriff Wisconsin State Patrol Ohio State Patrol Minnesota State Patrol
Thomas C	. Yingling	g. Jr 221	Pinewood Road Baltimore,	MD 1 wave ground plane
<u>5-5-82</u> 1130 1203	39•58 39•58	KJP 293 KAH 360 MKH 826 KVD 554 KAA 977 KAE 695 KDV 208 KAD 731 KBD 685	Yates Center, HS Wellington, KS	Woodson County Sheriff Sumner County Sheriff Carroll County Sheriff Police Department Police Department Atchison County Sheriff Geary County Sheriff Chase County Sheriff Pearl River County Sheriff
Hank Hol	brook 721	11 Chestnut	Street Chevy Chase, MD	20815
<u>5-29-82</u> 0237 1750	156.80 156.80	WYF 4547 3DZA		Vessel: Wasp Vessel: Atlantic Cinderella
<u>5-31-82</u> 0029 1345	157 . 25 15 7. 30	HPVN 62IT	Annapolis, AD Annapolis, MD	Vessel: Fjord Bridge Vessel: Panamax Mercury
<u>6-19-82</u> 1230 1234	119.0 119.0	N1309T N9430V	Baltimore, MD Baltimore, MD	New York Air Washington Aero Club
6-20-82 1526 1526 1539	156.80 156.425 156.80	TXM 3342	Tilghmen Island, MD Tilghmen Island, MD Selby Bay, MD	Vessel: Ping Vessel: Ping Vessel: Scotory III

ASK DON....A new added feature of VHF Utility $_{\rm J}$ X, designed to better inform the FSB $_{\rm D}$ X'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 magerstown 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:

Ville Platte SO EP-11

Location of Agency

_ Agency of Unit Being Called

Type of Agency &

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 30.50.

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 exclusely for State Police to State Police. Missouri has a network on 42.38. Pennsylvania on 42.60.



FM OSL

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

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.

IL WXRD 105.5 Woodstock, 300 Commerce Dr. Crystal Lake, 60014. Letter from Art Reis, CE who wrote a short confirmation note, & also photecopied my report & made humorous comments in pen next to each program details in my report. Also send coverage map in 5 weeks.

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.

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

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

WOCQ 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.

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 Ouail Plaza, 73120. Letter from Mike Wise, Announcer, who replied.

This month's reporters are: Durkin, Strobel, Nieman, Chernos, Holbrook, Hascall, & Yingling: ed... Also this months OSL Card comes from Dave Hascall. KBUF 97.3 Garden City, KS -Box 796, zin code 67846, Card from John E. Geoff (?) in 10 days. He mentions an applied 100 kw erp soon..... ALSO: I am almost out of TV-OSL items to use. E need TV-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. Tomal.

Colored Garden City a Garden C

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 RECEPTION OF KBUF FM ON E/I'S . 19 . 22 AT TIME ZONE 544 PM CTT

30

DEADLINE: 5th

FOR MOST, A GOOD SKIP SEASON CONTINUES

Rick Samford, 404 S. McNeill, Burnet, TX 78611 - June 29 to July 29 CPC Equipt.: Kenwood KR-5400 rx, Archer 10-el. FM at approx. 24 ft. AGL w/rotor, Panasonic RX-1480 radio/cassette using whip antenna. 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 <u>KSBJ</u> 88.1 TX Humble, g, new, Something Better, Jesus 1956 WNFY 99.9 FL Palatka, Old St. Augustine mentioned, Y-100 1957 WEAT 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

0857 WZXY 100.7 LA Baton Rouge, EZ $\frac{7}{23}$ 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 2029 KL00 106.1 OR Corvallis, 1600+ mi. no IDs heard, wx at 2029 & other town mentions about 2039; weak, choppy signal. 2100 KALL 94.1 UT Salt Lake City, r 7/26 tr 0604 KWYX 102.3 TX Jasper, ID after UPI nx, r.

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.

Quicks-102, ex-KTXJ

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 southeastern 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	
Equipt.: Radio Shack DX-40 portable (see co	mments)	
7/17 tr (from Winston-Salem)	7/27 tr	133
0326 WMUU 94.5 SC Greenville, g,24 hr.140	0407 WRCM 92.1 NC Jacksonville, k,//to W	
'	0445 WSTS 96.5 NC Laurinburg, g, o/WBCI	226
7/25 tr (from Kitty Hawk, NC)	0504 WEOR 96.9 VA Exmore, m	117
2147 <u>WHOV</u> 88.3 VA Hampton, j, 1.25 kw 76	0507 WHSL 97.3 NC Wilmington, r, "97-FM"	181
2207 <u>WYFL</u> 92.5 NC Henderson, g, 152	0523 WQSM 98.1 NC Fayetteville, "Q-98"	192
Bible Br. Net.	7/23 tr	
2233 WRVQ 94.5 VA Richmond, Discussion	2010 WRXL 102.1 VA Richmond, r	141
on dance & the arts in Rich. 141	2020 WOLC 102.5 MD Princess Anne, g,	
2247 WRNS 95.1 NC Selma? (see com.) k 148?	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 AOR, 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.

T 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. 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 KIXK 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 T 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 Es	<u>7/8</u> Es
1709 to 1944 many IDs to 97.7 to northeast	0938 WSGF 95.5 GA Savannah, 95-SGF 1305
1923 KPQX 92.5 MT Havre, 1103	0941 WOXY 97.7 OH Oxford, "97XFM" 1134
ID@ 1936 calls + "QX-FM"	0951 WZZY 98.3 IN Winchester, calls 1138
2107 WESC 92.5 NC Greenville, k, ads 1206	0955 WWKT 98.3 SC Kingstree, g, promos
<u>6/22</u> Es	1002 WSB 98.5 GA Atlanta, "99-FM Atlanta"
0747 WESC 92.5 SC Greenville, ID	WGMB 97.7 SC Georgetown, ID 1391
0749 WFBC 93.7 SC Greenville, ads,"94-FM"	1003 WFAE 90.7 NC Charlotte, nx 1206
0853 <u>WEEM</u> 91.7 IN Pendleton, g, ID 1067	1005 WPJS?106.7 SC Orangeburg, nx, 1300
0900 WGLE 90.7 OH Lima, ID 1170	"Wiggle 106"
0905 <u>WERT</u> 98.9 OH Van Wert, ID 1152	1007 WDYX?102.3 GA Buford, AM calls? 1120
0906 <u>WACF</u> 98.5 IL Paris, k, ads 968	1008 WGUS 102.3 GA Augusta, ads 1238
0917 WNWN 98.5 MI Coldwater, k, ID 1167	1012 WLAT 104.1 SC Conway, nx, wx 1400
0930 WBKV 92.5 WI West Bend, ID, EL 1067	1016 WORG 103.9 SC Orangeburg, calls 1300
0931 WRST 90.3 WI Oshkosh, wx, ID 1080	<u> </u>
6/30 Es	<u>7/11</u> Es
0935 WDHR 92.1 KY Pikeville, ID, k 1202	1103 unIDs 88.3, 88.9, 91.5, 92.1
0937 WEAS 93.1 GA Savannah, 1305	north FL/south GA, TV IN
ID @0945, calls + "E-93"	
0949 WJGA 92.1 GA Jackson, ID, ads 1125	7/12 Es
0953 WIZD 98.7 FL Ft. Pierce, ID "IZD"	0931 CHMM 97.5 MB Winnipeg, calls 1193
7/2 Es 1449	0932 CITI 92.1 MB Winnipeg
0832 WJRE 92.1 IL Kewanee, calls 919	0932 CBW 98.3 MB Winnipeg
0854 WACI 92.1 IL Freeport, ad, 972	0934 KBTO 101.9 ND Bottineau, ads 1089
calls + "FM-92"	0934-40 unIDs to 91.7
0858 WKLM 89.3 IL East Moline, calls,	0940 WDYN 89.7 TN Chattanooga, calls 1035
nx 914	"Tradio", flea mkt. type ads
0906 WDMR 96.5 WI Milwaukee, ID, c 1067	1124 KEYA 88.5 ND Belcourt 1095
0920 KTTN 92.1 MO Trenton, calls 711	7/18 Es
7/6 Es	1658 WLOS 99.9 NC Ashville, ID 1193
2005 KAER? 92.5 CA Sacramento, 1071	1658 WVAF 99.9 WV Charleston 1256
"Stereo Country 92-5", "Sacramento	"V-100, Charleston"
Country" Do they have new calls?	1702 WMOR 92.1 KY Morhead, ads, ID@1705 1161
2009 KLHT 93.3 CA San Francisco, 1116	1705 WRYO 98.5 FL Crystal River, wx 1265
"K-Lite 93" @2014	1707 WHAJ 104.5 WV Bluefield, "J-104", wx 1274
2011 KHOP 104.1 CA Modesto, wx,\$104 1035	1709 WKLC 105.1 WV St. Albans, promos 1247
2012 KBRG 105.3 CA San Francisco, SS 1116	1710 WTNJ 105.9 WV Mount Hope, ads, promos 1300
1016 KWGF 100.9 CA Tracy, ID 1080	1713 WDAO 107.7 OH Dayton, calls 1152
2017 KEBR 100.5 CA Sacramento, g 1071	1716 WTIO 102.7 WV Charleston, ads, EL 1256
2018 KCTC 96.1 CA Sacramento, ID@2030	1718 WQHY 95.5 KY Prestonburg, Q-95, calls1193
2019 KZAP 98.5 CA " "	1721 WSRW 106.7 OH Hillsboro, ads, g 1170
2025 KROY 96.9 CA " "	"Gospel Express"
2031 KCHO 91.1 CA Chico, calls 1139	1724 WKKW 106.5 WV Clarksburg, k 1337
2059 WMBI 90.1 IL Chicago, ID 1049	"Double K Country"
(backscatter??)	1731 WEZI 105.9 TN Memphis, EL, ID 784
7/8 Es	1734 WWEL 103.9 KY London, ID 1130
0834 WESC 92.5 SC Greenville, "ESC"	1735 WCKQ 103.9 KY Campbellsville, "Q-104"1049
0839 WSKZ 106.5 TN Chattanooga, KZ106 1035	1737 WCIR 103.7 WV Beckley, "CIR" @1740 1292
0841 WIVK 107.7 TN Knoxville, calls 1125	1738 WMYU 102.1 TN Seveirville, ads, U102 1131
0842 WMIT 106.9 NC Black Mtn., g, tent.	1742 WKEE 100.5 WV Huntington, "KEY" 1229
0848 WTOR 104.1 NC Winston-Salem, ID 1328	1743 WEZK 97.5 TN Knoxville, ID 112
	1745 WDDD 107.3 IL Marion, "W-3D" 869
	(Plus a lot of unIDs, almost a full band)
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co	nt.

SOUTHERN FM DX

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7/18 Es
1820 WCOW 97.1 WI Sparta, promos
                                                7/24 Es
                                        1004
                                                (Report from 30mi. west of Artesia, NM with
 1822 KMGK 93.3 IA Des Moines, ID
                                       788
                                                car FM radio.) (Not counted.)
 1828 WEZW 103.7 WI Milwaukee, "FM-104", calls
                                                1814 WZZR 95.7 MI Grand Rapids. calls
 1832 WBCS 102.9 WI Milwaukee, promo, ID1067
                                                1815 WREO 97.1 OH Ashtabula, calls
                                                                                         1418
 1842 KTCR 97.1 MN Minneapolis, ID
                                        960
                                                1818 WFMK 99.1 MI E. Lansing, calls
                                                                                         1274
 1845 WIMI 99.7 MI Ironwood, ID, r
                                       1143
                                                1900 WUTC 88.1 TN Chattanooga, ID
                                                                                         1107
 1846 KGOR 99.9 NE Omaha, ID
                                        698
                                                (Plus unIDs on almost all frees. -- a lot 2 and
 1848 KTIS 98.5 MN Minneapolis, g
                                        968
                                                3 deep.)
 1850 KEEZ 99.1 MN Mankato, ID
                                        900
                                                7/24 tr (Back at Lovington QTH)
 1851 WLOL 99.5 MN Minneapolis, ID
                                        968
                                                2338 KOB 93.3 NM Albuquerque, calls
                                                                                          240
 1900 WYRQ 92.1 MN Little Falls, ID
                                               2339 KAMZ 93.1 TX El Paso, "93ZFM", r
 1900 WCMP 92.1 MN Pine City, ID
                                       1013
                                                (no longer SS)
 7/23 Es
                                               2348 XHIM 105.1 Juarez, "Stereo en Mexicana"
 1830 K221AE 92.1 MT Stanford, tent., ad
                                               2349 XHGU 105.9 Juarez
 for KFBB-5 @1845, low audio, EL
                                               2350 KTSM 99.9 TX El Paso, π, not r
 1830 KBZZ 92.1 MT Helena, tent.
                                               2351 KLOZ 102.1 TX El Paso."k-102"
                                                                                          201
 1833 KDXT 93.3 MT Missoula, "XT-93X 1107
                                               2353 XHTO 104.1 Juarez
                                                                                          205
 1834 KBZN 93.7 MT Bozeman, ads.
                                        959
                                               2357 XHEM 103.5 Juarez, "Canal Tropical"
 "KZ-93", anner. as "KZNB"?
 1836 CILA 107.7 AT Lethbridge, kr. "LA-FM"
 @1847 + calls
                                               0000 XHPX 98.3 Juarez, EL, SS
                                                                                          205
1848 <u>KQUY</u> 95.5 MT Butte, "Y-95" 1004
1849 <u>KOOZ</u> 106.3 MT Great Falls, "cozy"1062
                                               1005 XHTO 104.3 Juarez, calls in SS
                                                                                          205
                                                (No sign of 100.7 XHH or 107.5 XHNZ)
 1850 KONA 105.3 WA Kennewick, ads
                                       1215
1851 CHFA 104.3 AT Lethbridge, FF
                                       1215
                                               1930 ??UX 92.7 northeast, poss. WDUX
1853 KFFM 107.3 WA Yakima, r, K-double FM
                                               1931 WBKV 92.5 WI West Bend
                                                                                         1067
1853 KNAQ 92.1 ID Rupert, ID@1900
                                       842
                                               1936 WSJY 107.3 WI Ft. Atkinson, wx,
                                                                                         1038
1856 CBRF 103.9 AT Calgary, FF
                                       1328
                                                "Joy-107"
1856 KLOO 106.1 OR Corvallis, ads
                                       1305
                                               2001 CFNO 93.1 ON Marathon, ID @2007
                                                                                         1368
1858 KCAP 103.1 MT Helena. ID
                                       1022
                                               2007 CNON-20 89.3 ON Thunder Bay. FF
                                                                                         1260
1902 KZZK 102.7 WA Richland, nx,ID
                                       1225
                                               2008 WK?? 92.1 northeast, poss. WKKB
1903 CBRX 100.1 AT Lethbridge, promos 1215
                                               2014 WDUZ 98.5 WI Green Bay, ads. EL.
1906 KICE 100.7 OR Bend, kr, ID@1910
                                      1193
                                                "FM-98" Does WDUZ have new calls?
1908 KIZN 93.1 ID New Plymouth, ads
                                      1035
                                               2024 WHUH 97.7 MI Houghton, "Stereo 98" 1215
1911 KBLI 97.7 ID Blackfoot, calls
                                       833
                                               2049 CJMA 105.3 ON?? HELP! not CJMX per
1915 KXLY 99.9 WA Spokane, ID, "FM96" 1224
                                                phone call, taped nice clear ID, rock.
1916 KHQ 98.1 WA Spokane, "Q-FM"
                                      1224
                                               2054 WJGS 98.5 MI Houghton Lake, calls 1260
1919 KAAK 98.9 MT Great Falls, r.
                                      1062
                                               2057 WMIL 106.1 WI Waukesha, calls
                                                                                         1058
1927 KOPI 99.1 ID Idaho Falls, ID
                                       846
                                               2101 WMKC 102.9 MI St. Ignace. ads
                                                                                         1305
1931 KLFM 92.9 MT Great Falls, wx, calls
                                               2114 WLEW 92.1 MI Bad Axe, ID
                                                                                         1301
1954 KPQX 92.5 MT Havre, k,QX-Stereo 1103
                                               2118 WHNN 96.1 MI Bay City, ID
                                                                                         1247
2003 KUFM 89.1 MT Missoula, calls
                                      1107
                                               2119 WKCQ 98.1 MI Saginaw, ID
                                                                                         1237
                                                     WKHQ 105.9 MI Petoskey, ads
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Es has been just great out here. 12 days worth during this report period. 6-30 was brief with WIZD 98.7 a surprise. 7-6 had CA Es in for an hour with a lot of unIDs. I remember KAER as having a different format, and wonder if they've kept their calls. WMBI 90.1 another surprise(very brief). If not backscatter, then a good double hop possibility. of CA to IL. I've noticed that when main opening is dropping out, that stations 90 and 180 degrees from that opening have "popped" in. Again on 7/12 with WDYN 89.7 and 7/18 (at beginning) with WRYO 98.5. I believe it to be backscatter with widely varying angles of deflection. Anyone with comments?

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 mx. Called CJMX Sudbury; it wasn't them. Called ORTC (613-995-8883) and a Mr. Paul Villeneuve had nothing on them. Was amazed at distance of reception. Also, a very helpful Mr. Zeitouni at 995-8634(engineering) only listing for a "CJMA" is a TV station in Nfld.! Stated that there were 36 FM stations of one or more watts in northern Ontario run by Indians that use any calls or frequency that are not listed--The mystery continues. Boy, do I need help on this one--A plea to northern MI DXers in possible tropo range. Best of DX. Jim.

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Tom Yingling, jr., 221 Pinewood Road, Baltimore, MD 21222
Equipt: Pioneer TX-9100 with SCA, Channel Master Probe-9 antenna up 50 ft.
4/22 \text{ tr}
1900 WWWK 107.7 VA Warrenton
                                               1850 WCVU 94.5 FL Naples
5/15 Es
                                               1900 WWUS 93.5 FL Big Pine Key
1800 WFYN 92.5 FL Key West
                                               1910 WOKD 98.5 FL Arcadia
                                               1914 WRGI 93.5 FL Naples
                                              1930 WYNK 101.5 LA Baton Rouge, cont..
1015 WKEZ 94.1 VA Yorktown
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5/15 Es	7/14 Es
1945 KTDY 99.9 LA Lafayette	1203 KQDS 94.9 MN Duluth
6/7 Es	1254 KSRD 96.9 NE Seward
1834 KKNG 92.5 OK Oklahma City	1257 KMAZ 92.9 NE Beatrice
1845 KMAZ 92.9 NE Beatrice	1301 KTRX 93.5 MO Tarkio
1855 KTRX 93.5 MO Tarkio	1305 KYNN 94.1 NE Omaha
1900 KCKN 94.1 KS Kansas City	1330 KEZZ 94.3 MN Aitkin
1910 KATT 100.5 OK Oklahoma City	1340 WKKQ 93.9 MN Hibbings
	1400 WAFG 90.3 FL Fort Lauderdale
1920 KLPQ 94.1 AR Little Rock	7/20 Es
1930 KCIZ 104.9 AR Springdale	1837 CBNM 90.3 NFD Marystown
1945 KCJS 103.3 TX Nacogdoches	1844 CJCB 94.9 NS Sydney
1948 KEOK 101.7 OK Tahlequah, ID as "OK102"	1900 CBCT 96.9 PEI Charlottetown
2000 KRLG 98.1 OK Lawton	1910 CKMF 94.3 PQ Montreal
2010 KWTX 97.5 TX Waco	1920 CIOO 100.1 MS Halifax, ID as C-100
7/11 Es	7/21 Es
1925 WSCD 92.9 MN Duluth	2000 CBNM 90.3 NFD Marystown
1930 KXXL 92.9 ND Grand Forks	2037 KAWW 07 5 AR Neber Spring
1950 KYTN 94.7 ND Grand Forks, ID as Y-95	2037 KAWW 97.5 AR Neber Spring 2128 KOXE 101.5 TX Brownwood
1955 KVNO 90.7 NE Omaha	2130 KNTU 88.1 TX Denton
6/17 Es	2136 KIXK 106.1 TX Denton
1940 WWOZ 90.7 LA New Orleans	2150 KPXI 107.7 TX Mount Pleasant
6/26 Es	2155 KOAX 105.3 TX Dallas
	2200 KGAF 94.5 TX Gainesville, w/SCA
1036 <u>KJEF</u> 92.7 LA Jennings 1100 <u>KORA</u> 98.3 TX Bryan	2210 KVIL 103.7 TX Dallas
1110 KVEA OR 3 LA West Monroe	2225 KLPQ 94.1 AR Little Rock
1110 KYEA 98.3 LA West Monroe 1124 KHOO 99.9 TX Waco	7/22 Es
1126 KNUE 101.5 TX Tyler, w/SCA mx	1215 WGYL 93.5 FL Vero Beach
1200 KISR 93.7 AR Fort Smith, Kisser Radio	7/26 Ec
1242 KBEZ 92.9 OK Tulsa	
1247 KFDI 101.3 KS Wichita	1230 WFYN 92.5 FL Key West
1253 KSKU 102.1 KS Hutchinson	1730 KTTL 93.9 KS Garden City
2000 KYYK 98.3 TX Palestine, new call for	1745 KDCK 95.5 KS Garden City
KHIM? for city in ID was Palestine	
2030 KLLS 94.3 TX Palestine	(Got pulled away on this one, so had only
TOTO VITES TATESTINE	half hour of DXing on this one.)
m-1	

This season has been a little better then 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, model XR-77. So far it has got to be one of the best yet! With specs as 1.2uv/75 ohms and 75 db selectivity, which is quite good for a car radio. The radio is really good so far, even with local driving around my reception range has improved a lot.

Tim McVey, Route 3, Box 568, Bolivar, TN 38	3008 - 6/25 to 7/26. CDT
DX is great this summer, right? Right.	
6/26 Es	7/2 tr
1115 WSNE 93.3 MA Taunton, m, ID	(Many relogs which I will not list here, but
1139 CJBX 92.7 ON London, m, ID "BX-93"	also some really decent stuff)
1140 WMGX 93.1 ME Portland, mr "magic"	2130 Most Beaumont in at signal 4.
1142 CBCL 93.5 ON London, ads	2237 KEXX 93.9 TX Corpus Christi, rm, "X-FM"
1146 WSCL 92.1 ME Augusta, k "whistle 92"	format almost s 724
1150 CHAY 93.1 ON Barrie, m, ID	2245 Noticed KRLY Houston is Black format,
1151 WKXA 98.9 ME Brunswick, k	"Love-94". Is this permanent?
1152 WHOM 94.9 NH Mt.Washington, e	2330 KLCL 99.5 LA Lake Charles, e, "FM100"434
1157 WSCG 93.5 NY Corinth, k, ads 980	2355 KNCN 101.3 TX Sinton, mr "C-101" 716
"Country-93"	7/3 tr, cont.
1200 WPBC 92.9 ME Bangor, e, ID 1252	0000 KAYD 97.5 TX Beaumont, r, ID under 475
1201 WHCF 88.5 ME Bangor, ID	WOOR
<u>6/30</u> tr	0006 KRBE 104.1 TX Houston, k, WKIR off 539
Good opening to IL, IN worth mentioning,	0012 KISS 99.5 TX San Antonio, ID 696
but all re-logs.	0024 KASE 100.7 TX Austin, k "case-101" 626
<u>6/1</u> tr	0030 KWEZ 104.1 LA Monroe, e 270
Extremely rare opening to east TN	0035 KJOJ 106.9 TX Conroe, g, WKTA off 515
0836 <u>WQUT</u> 101.5 TN Johnson City, r "QT-101	7/8 Es
0847 WKPT 98.5 TN Kingsport, e, ID 369	1015 KRST 92.3 NM Albuquerque, k, ads 998
0850 <u>WXBQ</u> 96.9 TN Bristol, k 389	1018 KHFM 96.3 NM " ", c
0857 WMEV 93.9 VA Marion, local nx 426	1025 KZZX 99.5 NM , r
7/2 Es	also re-logs KLYT, KUNM, KOB, KWXL
1030 San Juan Basin, KRWN 92.9, KWYK 94.9	7/9 Es 794-102
KRSJ 100.5 until 1045	Was testing my new SCA decoder on my TM-102
7/2 tr (Strong opening to TX & Acadiana)	tuner when I discovered the Muzak I, cont
	<u> </u>

SOUTHERN FM DX

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heard had L$ on the main channel! (XHPR 101.3 7/12 Es
                                               1030 Salt Lake City in: KUER, KRCL KWHO.
 1030 Also in from Veracruz: XHPS 93.3. XHRN
                                               KALL, KCPX, KSFI, KRSP
 96.5. XHVE 102.1 Stereorey
                                               1035 KRMQ 94.9 UT Provo, r. "color radio 95"
 1035 XHSR 97.3 NL Monterrey. L$
                                               1040 El Paso in: KFIM, KAMA, KSET, KLAQ,
 1039 XHRL 98.1 NL
                     ", M$,
  Estereo Reguerdo
                                               1041 XHPS 98.3 CHIH Cd. Juarez. Lm.
 1040 XHJD 98.9 NL
                            , Er$, ID in EE
                                               Stereorev
 1040 XET 94.1 NL
                       **
                            , Lm$
                                              1042 <u>KTSM</u> 99.9 TX El Paso, e$ 1100 KRWG 90.7 NM Las Cruces, L$
 1040 XHSRO 92.5 NL Monterrey, Em$
 (Please note that ONLY when DXing Mexico
                                              ?/13 Au?
 can I ID more than one station per minute.
                                              2330 Very much like the auroral display seen
 The few Mexicans that are on a same channel
                                              here last summer. All channels up to 102 were
 have such enormously wide separation that
                                               garbled and had signals 2 or 3 deep. Only
 they will never come in together on one
                                               one was intelligable enough to ID:
 duct. Further, I have never found myself
                                              2357 CJFM 95.9 PQ Montreal. r$. ads in EE
 wrong if the opening allows me to back and
                                              7/18 Es
1815 Albuquerque FMers in
 doublecheck.
 1041 XHQQ 93.3 NL Monterrey, L$, Globo
                                              1829 KFMX 94.5 TX Lubbock, a
 Estereo
                                              1830 KSEL 93.7 TX Lubbock, r, ad
 1045 XHSL 91.7 NL Monterrey, m$
                                              7/20 Extended gw
 1100 XHAAA 93.1 TAMS Reynosa, M$, Estereo
                                              0930 KSTJ 88.1 TX Humble, g, wx, ID, very weak
 Reguerdo
                                              7/21 Es
 1101 XHRT 95.3 TAMS Reynosa, Er$, Radio
                                              2055 WHOM 94.9 NH Mt. Washington, e
                                              2100 WNTQ 93.1 NY Syracuse, me, ID
 (Good Grief!!! Nothing but Mexicans from
                                              2106 WSYR 94.5 NY Syracuse, a, "94-rock"
 88-108! XET is not even fading at signal
                                              2110 WAER 88.3 NY Syracuse, s
 4.7 out of 5! Almost all Monterrey.
Mexico City, Veracruz in.
1105 XHRK 95.7 NL Monterrey, Er$ 1116 XHMG 100.5 NL ", me$
                                              2041 KROE 94.9 WY Sheridan, r
                            , me$
                                              2043 KRCS 93.1 SD Sturgis, k. ID
                                                                                        965
1118 XHQI 102.1 NL
                            , L$
                                              2045 unID 92.9 ads for Powell, WY, k$
1119 XHMN 107.7 NL "
                            , Er$
                                              2046 KKHJ 93.9 SD Rapid City, e
1120 XEEW 97.7 TAMS Matamoros, L
                                              2047 KVSR 97.9 SD Rapid City, g, mono
1122 XHMLS 101.5 TAMS Matamoros, IS
                                              2048 KEMC
                                                        91.7 MT Billings, c (assumed)
1125 XHPJ 106.9 NL Monterrey, c$, Estereo
                                              2049 KYYA 93.3 MT Billings, r "Y-93"
 Classique
                                              2050 KXXE 101.3 MT Forsyth, ads
1130 KELT 94.5 TX Harlingen, k. wx
                                              2100 KPQX 92.5 MT Havre, k "QX-stereo"
1133 KQXX 98.5 TX McAllen, L$
                                       841
                                              2101 KURO
                                                        92.1 SD Huron, mr. ID
1134 KDUV 100.3 TX Brownsville, e
                                              2115 KYYY 92.9 ND Bismarck, r "Y-93" strict!
1135 KRIX 99.5 TX Brownsville, r, ads
                                              2122 KGCH 93.1 MT Sidney, m "CH-93" strict!
1137 KJAV 104.9 TX Alamo,g
                                              2130 KCND
                                                        90.5 ND Bismarck, c
1139 KSOX 101.7 TX Raymondville, k. mono
                                              2200 KSDY
                                                        95.1 MT Sidney, k, ID
1140 XHRR 102.5 TAMS Reynosa, L$
                                              2205 KCJB
                                                        97.1 ND Minon, e
1142 KVLY 107.9 TX Edinburg, e. ID
                                              2211 KOLY 99.5 SD Mobridge, BB game
1146 XHMP 95.5 COA Torreon, Er$,Globo FM
                                              2212 KQAA 94.9 SD Aberdeen, r
1148 XHNOE 91.3 TAMS Nuevo Laredo, L$ 836
                                             2214 KIZZ 93.7 ND Minot, r
1150 XHNM 100.3 TAMS Nuevo Laredo. m$.
                                              2230 WDAY 93.7 ND Fargo-Morehead, MN.
Estereo Tiempo
1200 KOYE 94.9 TX Laredo, rm$, ID 831
   And so ends this report. Logs now sit at...taa-daa...1009! This covers 41 states.
5 prov., 10 estadoes, 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 quantatively productive due to so many relogs. Equipment is JVC JT-V22 tuner
(2.0 uV sen., 70 db sel.) with Finco FM-5 antenna and C. 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 Experimentor or re-runs in various Davis magazines) and
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McVey, cont.

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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
Equipt: 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
                                             1149 KNFO 95.5 TX Waco, k, K-95
                                             1154 KIXV 95.3 TX Brady, aor, K-95
1124 KITY 92.9 TX San Antonio, aor
                                             7/1 \text{ tr}
1127 KAJA 97.3 TX San Antonio, k
                                             0905 WMEV 93.9 VA Marion, nx
1128 KDMI 97.3 IA Des Moines, g
                                             0940 WXBQ 96.9 TN Bristol, ads
1135 KINL 92.7 TX Eagle Pass, loc. ads
                                             0955 WOUT 101.5 TN Johnson City, ads
1145 XHMP 95.5 COAH Torreon,SS,mr
                                       cont.
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7/1 tr
0958 WGEM 105.1 IL Quincy, k
1000 WRES 105.7 AL Troy, nx
1005 WTVY 95.5 AL Dothan, CBS nx
1030 WAAW 103.7 KY Murray, aor
1140 XHGL 97.7 YU Merida, SS, m
1142 XHMT 98.5 YU Merida, SS, ads
2140 KOB 93.3 NM Albuquerque, ads
0950 WQMF 95.7 IN Jeffersonville, p
1000 WWCG 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 XHOB 96.1 SLP San Luis Potosi, SS, nx
1005 KKKK 99.1 TX Odessa, g
1006 KFLZ 107.1 TX Bishop, S1
1008 KQIP 96.9 TX Odessa, ads
1011 XHNA 105.9 TAM Matamoras, 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 KVLY 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 KKED 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, koke
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.
                                            7/11 Es
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 KHOO 99.9 TX Waco, wx, K-hoo
1178 KFAN 101.1 TX Fredricksburg, m
1151 KWTX 97.5 TX Waco, local ad
1154 KOXE 101.5 TX Brownwook,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
                                            \frac{7}{13} Es
1210 KMGC 102.9 TX Dallas, p, Magic-103
1213 KWMJ 103.3 TX Midland, m
1218 KWKQ 107.1 TX Graham, m
1220 KPER 95.7 NM Hobbs, wx
1221 KJAK 92.7 TX Slaton, g
                                            2010 KKYA 93.1 SD Yankton, ad, KK-93
                                     cont.
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1230 KSEL 93.7 TX Lubbock
1311 KYEZ 93.7 KS Salina, k, KY-Country 94
1313 KWLS 93.1 KS Pratt, sports nx
1314 KCKS 95.3 KS Concordia, local ads
1316 KRVN 93.1 NE Lexington, m
1317 KROA 95.7 NE Grand Island, g
1320 KELN 97.1 NE North Platte, sports
1323 KUCV 90.9 NE Lincoln, c
1324 KRCS 93.1 SD Sturgis, local ad
1328 KBHL 95.3 NE Lincoln, k
1329 KSRD 96.9 NE Seward, k
1334 KINI 96.1 NE Crookston, nx
1335 KNCY 97.7 NE Nebraska City. wx
1336 KOXI 101.1 NE Columbus, m
1337 KZOC 92.7 KS Osage City, local ad
1338 KTRX 93.5 MO Tarkio-Rockport, nx
1341 KUDL 98.1 KS Kansas City, p
1344 KIDA 92.7 IA Ida Grove, ID
1345 KOAK 95.3 IA Red Oak, local nx
1625 KLMR 93.3 CO Lamar. wx
1634 KRDO 95.1 CO Colorado Springs, ad
1637 KILO 93.9 CO Colorado Springs, p
1645 KYGO 98.5 CO Denver, k
1648 KPKE 95.7 CO Denver, ad
1653 KSPZ 92.9 CO Colorado Springs, ad
1659 KCFR 90.1 CO Denver. c
1805 KAVI 95.9 CO Rocky Ford, nx
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 Matamoras, SS nx
1202 XHRL 98.1 NL Monterrev. 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
1235 XEEW 97.7 TAM Matamoras, ad
1237 XHMLS 101.5 TAM Matamoras, 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, S1
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
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
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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 KTEN 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 KKNG 92.5 OK Oklahoma City. m
1636 KSEL 93.7 TX Lubbock, p
1640 KYTX 98.7 TX Amarillo, p. KY-99
1641 KLOR 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 KWXL 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 KBVD 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 CBON24 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 WVLK 92.9 KY Lexington, k. K-93
1838 CBCN3 93.1 ON Marathon, talk
2016 CIGL 92.7 ON Sudbury, k
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7/21 Es		
2017 KTTT	93.5 NE	Columbus, Royals BB Syracuse, ads Cornith, k
2020 WSYR	94.5 NY	Syracuse, ads
2030 WSCG	93.5 NY	Cornith, k
30/13 MDOB	03 0 WT	Sturgeon Bay, Brewers BB Omaha, k
2136 KYNN	OL 1 NE	Omaha. k
21/12 1/1/17	02 2 MN	Omaha, k Redwood Falls, ads Redwood Falls, ads Cttumwa, wx, K-98 Bebraska City, Race Results Estherville, local BB Yankton, k Red Oak, ID Norfolk Crookston, nx Winner, area nx Seward, k Kearney North Platte, CBS nx Dodge City, ad Pratt, ads Scott City, Royals BB
2142 KIGH	97.7 MN	Podwood Falls ads
2143 KKOK	95.7 PIN	Ottomer are V OR
2152 KLEE	97.7 IA	Ottumwa, wx, K-90
2153 KNCY	97.7 NE	Bebraska 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 KNEN	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 KRNY	98.9 NE	Kearney
2205 KODY	QU. Q NTE	North Platte, CBS nx
2200 KUTT	03 0 Kg	Dodge City ad
2211 VVIC	03 1 Kg	Prott ade
SCII VATE	97 * KG	Contt City Povole DD
2212 KULL	102 O MT	Scott City, Royals BB
2213 WILL	102.9 MI	St. Igance, 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 CC	Dodge City, ad, 95-DCK Charlotte, Tigers BB Parsons, Royals BB Larmar, ad
7/22 Es		
1357 XHGL	97.7 YU	Merida, S m IS Tulaxa Guitterez, S nx
1358 XHTG	96.9 CH	IS Tulaxa Guitterez, S nx
1359 XHMT	98.5 YU	Merida, S, ID
tr	,,	, , , _
	88 Q KY	Bowling Green, NPR nx
1743 WTTU	88 5 TN	Cookville
	00.J IN	COOKVIIIE
7/24 Es	03 5 00	47-mana ada
1940 KALQ	93.5 00	Alamosa, ads Denver, r, the Peak Boulder, c Colorado Springs, m
2009 KPKE	95.7 00	Denver, r, the Peak
2011 KBVL	94.7 CC	Boulder, c
2012 KRDO	95.1 CC	Colorado Springs, m
2013 KGRE	92.5 CC	Greeley, ad Boulder, r
2014 KGBS	96.1 CC	Greeley, ad
2016 KBCO	97.3 CC	Boulder, r
2018 KIQX	101.3 CC	Durango, ads, Kix-101
2020 KLIR	100.3 CC	Denver. m
2024 KVMT	104.7 CC	Vail, ads Pubelo, m
2026 KYNE	99-9 00	Pubelo. m
2020 KIKK	101 1 00	Denver m
2020 KYZA	101.1 00	Denver, m Devner, KZ-107
2020 KAZI	100.7 00	Deviler, KZ-107
2030 <u>Kuzh</u>	102.5 00	Craig #1800
n/n/ .		
<u>7/26</u> tr		
1131 WAMZ	97.5 KY	Louisville, nx
1158 WEZI	105.9 T	N Memphis, nx
1219 WMUU	94.5 SC	Louisville, nx N Memphis, nx Greenville, wx
1226 WROQ	95.1 NC	Charlotte, ad, 95-ROQ
Es		
1650 WIMK 1653 KNBK	93.1 MI	Iron Mountain,k
1653 KNBK	93.5 WT	New London, ads
1659 WDUX	92.7 WT	Waupauca, ID
1700 WBKV		West Bend, ID
1701 WJZO		
1704 WEMI		Kenosha, Rock-95
1705 WLUM		Neenah, UPI nx
		Milwaukee, s
1707 WRLO 1708 WAPL	105.3 WI	Antigo, wx
	105.7 WI	Appleton, Apple-106
1714 WYUR		Ripon, m
1716 WBWA		Bayfield, m
1718 WTTN	94.1 WI	
1719 WHRM	90.9 WI	Wausau, nx
1720 WSCD	92.9 MN	Duluth, c
1721 WWMH	95.9 WI	Minocqua, 96-FM, cont
		-4-m, >0 +11, 0011011

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SOUTHERN FM DX
                                                  7/26 Es
7/26 Es
1722 WIFC 95.5 WI Wausau, 95-IFC
                                                  1735 WAQE 97.7 WI Rice Lake, nx
1724 WKKQ 93.9 MN Hibbing, Super Q, k
                                                  1738 WCOW 97.1 WI Sparta, k. Cow Country
                                                  1743 KYTN 94.7 ND Grand Forks, ad. Y-95
1728 KQDS 94.9 MN Duluth
1730 WGMO 95.3 WI Shell Lake, ABC nx
                                                  1749 KQSK 97.5 NE Chadron, Q-98
1731 WAHC 96.7 WI Oshkosh, ABC nx, C-97
1732 KNNS 96.9 MN Grand Rapids, ABC nx
                                                  1751 KTRS 95.5 WY Casper, ads
   Total stations to date Chickamauga 805, overal 1814. All DX logging is based on the
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area where the E-skip or tropo is coming from. (Well, I don't think Merida, YU and Albunuerque, 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". Album oriented rock stations aren't that common! Your low I. Q. is taxing my patience.)

Danny Buntin, 1312 N. Skyline, Stillwater, O	
Equipt: Pioneer TX-9100, Antennacraft GFM-1	
7/8 Es	7/9 Es 1375
0855 WUWF 88.1 FL Pensacola, ID 710	1125 KSAN 94.9 CA San Francisco, wx, ID, r
previously in by tr	1132 KABL 98.1 CA San Francisco, ID,
0855 WQCS 88.3 FL Ft. Pierce, ID	"the station named after the cable cars"
0859 WLRN 91.3 FL Miami, ID 1230	1146 KLON 88.1 CA Long Beach, ID, FM-88
0900 WCIE 91.3 FL Lakeland	1200 KQYT 95.5 AZ Phoenix, ID 895 1200 KOOL 94.5 AZ Phoenix, ID
0900 WAFG 90.3 FL Ft. Lauderdale 0901 WUCF 89.9 FL Orlando 1070	1209 KHAY 100.7 CA Ventura, K-Hay
	1213 KJLH 102.3 CA Compton, ID
0915 WWJF 106.7 FL Ft. Lauderdale-Miami,	1215 KIKF 94.3 CA Garden Crove,
ads, "Joy FM" 0922 WDIZ 100.3 FL Orlando, DIZ	"KIK-FM, S. CA's country kicker"
0926 WIRK 107.9 FL W. Palm Beach, ad	1219 KYXY 96.5 CA San Deigo, ID
"the country K"	1229 KWVE 107.9 CA San Clemente, K-Wave
0939 WKQS 99.9 FL Boca Raton, ID, k	tr
0942 WLLV 107.1 FL Melbourne, ID	1232 KRDF 98.3 TX Spearman, ID
0946 WEAT 104.5 FL W. Palm Beach 1200	Es
OOLO WERT 102 5 FT Saragota	1241 KBBY 95.1 CA Ventura, ID
"the music wave, SRZ"	1256 KCNS 94.3 CA Barstow, ID, ads
0956 WYNF 94.9 FL Tampa, ID, r 1040	1258 KXVR 99.5 CA Mountain Pass
0958 WJYW 100.7 FL Tampa, wx, ID	1259 KRTH 101.1 CA Los Angeles, K-Earth
1002 WMNX 95.9 FL Tallahasse, ID	1302 KACY 104.7 CA Oxnard, nx, ID
1004 WJYO 107.7 FL Mount Dora	1303 KOTE 106.3 CA Lancaster, ID
1037 WAJX 98.3 FL Titusville	1305 KPFK 90.7 CA LA 1220
1039 WHOO 96.5 FL Orlando, k, ID	1358 KJYK 94.9 AZ Tucson 850
1039 WWLV 94.5 FL Daytona Beach	1401 KTTI 95.1 AZ Yuma, ID, Kitty country
1101 WAIV 96.9 FL Jacksonville	1437 XETRA 91.1 BCN Tijuana, ads, "91X"
1107 WFOY 97.7 FL St. Augustine	1440 XHERS 104.5 BCN Tijuana, SS, w/SCA
1115 WFAM 91.1 FL Jacksonville, wx, ID	1441 KCBQ 105.3 CA San Diego, wx, Q-105
1124 WVMG 96.7 GA Cochran, ID	1445 KFSD 94.1 CA San Diego, ads
1236 WOWI 192.9 VA Norfolk, Wowie 105	1457 KGB 100.7 CA SanDiego, ID
1245 WQHQ 104.7 MD Ocean City, QHQ	1513 KSON 97.3 CA San Diego, wx, ID, k
1256 WMZQ 98.7 DC Washington, ID, nx	1800 WQCS 88.3 FL Ft. Pierce, ID
1311 WIKZ 95.1 PA Chambersburg, wx, wixy	1828 WMCU 88.7 FL Miami, ID
1314 WDUQ 90.5 PA Pittsburg, ID	1944 WYOR 105.1 FL Coral Gables, ID, m
1430 WAMU 88.5 DC Washington, ID	1952 WMLO 106.3 FL Sarasota
1434 WASH 97.1 DC Washington, ID 1105	1955 WXOS 100.3 FL Plantation Key
1530 WJWJ 88.9 SC Beaufort, ID	1959 WIRK 107.9 FL W. Palm Beach, ID
1531 WMHK 89.7 SC Columbia, ID	2004 WLRN 91.3 FL Miami, ID 7/10 Es
1531 WRJA 88.1 SC Sumter, prev. tr 970	7/10 ES 1110 WAIA 97.3 FL Miami, "A one A 1230
1537 WIGL 106.7 SC Columbia, ID, wx, with "Wiggle worker" award	1144 WCIE 91.1 FL Lakeland, promo, off
1556 WRVL 88.3 VA Lynchburg	freq. of 91.3
1600 WEPR 09.1 SC Greenville, ID 850	1146 WXOS 100.3 FL Plantation Key, wx, k 1250
1658 WDAV 89.9 NC Davidson, ID	7/18 Es
1701 WROQ 95.1 NC Charlotte, ID, r	1758 WBKF 94.3 FL McClenny, ID, k
7/9 Es	1759 WTLG 88.3 FL Starke, ID
1029 KOED 88.5 CA San Francisco, ID,NPR	1828 WPCH 94.9 GA Atlanta, ID, m, Peach
1102 KUIC 95.3 CA Vacaville-Fairfield, ID	1829 WREK 91.1 GA Atlanta, ID 760
1107 KXOA 107.9 CA Sacramento, wx,K-108	7/20 ex. gw
1114 KCTC 96.1 CA Sacramento, ID, m 1320	2154 KECO 96.5 OK Elk City, ID, k, new to
1117 KEWT 105.1 CA Sacramento, ID, cute	air, on 24 hrs. a day, unfortunately.
1119 KPOP 93.5 CA Roseville, K-pop	cont
	30

7/21 Es	8/1 Es
1938 WWDE 101.3 VA Hampton, 2WD	1725 WOKK 97.1 MS Meridian, k
7/25 tr	1728 WJDB 95.3 AL Thomasville, ID
2057 KXKZ 107.5 LA Ruston, ID, k 360	1731 WPCS 89.3 FL Pensacola
<u>7/26</u> Es	1732 WUCF 89.9 FL Orlando
1729 WRVO 89.9 NY Oswego, wx	1743 WGUF 96.7 MS Gulfport, ID 600
7/27 Es	1750 WGEA 93.5 AL Geneva, ID, k
0954 CKUE 101.1 ON Smith Falls	1751 WWLV 94.5 FL Daytona Beach, ID, m
0959 CJFM 95.9 ON Montreal 1375	1757 WJIZ 96.3 GA Albany, ads, s
1000 CFMP 101.5 ON Peterborough, ID, wx	1825 KRBE 94.9 UT Cedar City, ID 900
1018 CKO 106.9 ON Ottawa, ID 1290	1831 <u>KZEZ</u> 93.5 UT St. George, ID, m
1032 CKBY 105.3 ON Ottawa, ID	1859 WRJA 88.1 SC Sumter
1100 CIMF 94.9 ON Hull-Ottawa, ID	1900 WSCI 89.3 SC Charleston, ID
1104 WNHU 88.7 CT West Haven, ID 1340	1938 KHAY 100.7 CA Ventura
1110 WMNR 88.1 CT Monroe, ID	1939 KBBY 95.1 CA Ventura 1280
7/30 tr	1941 KJLH 102.3 CA Compton, ID, ad
0000 KLSR 105.3 TX Memphis, sign off	1945 KACE 103.9 CA Inglewood, ID
TX #136 8/1 Es	1949 KQYN 95.7 CA Twentynine Palms, ad,Q-96
	2000 KRTH 101.1 CA LA
1643 WMGG? 95.7 FL Clearwater, ex WCKX "Magic 96"	2004 KXTZ 94.1 NV Henderson, ID, m
1647 WCKS 101.1 FL Cocoa Beach, CK101	2008 KUDO 93.1 NV Las Vegas, ID 985
1648 WQUH 103.1 FL De Funiak Springs, ID	2011 KUNV 91.3 NV Las Vegas, ID
1651 WPCV 97.5 FL Winter Haven, ID	2017 KORK 97.1 NV Las Vegas, ID 2027 WRAS 88.5 GA Atlanta, ID 760
1650 WKNU 106.3 AL Brewton, ID 675	2027 WRAS
1658 WJDQ 101.3 MS Meridian, prev. by trop	2134 WDDQ 92.1 GA Adel, ads
1659 WKNZ 101.7 MS Collins, ID 530	7/2 tr
1701 WHOO 96.5 FL Orlando, ID, wx	1026 KYKS 105.1 TX Lufkin, ads, Kicks 106
1705 WQIK 99.1 FL Jacksonville, ID, nx	1035 KOOI 106.5 TX Jacksonville, ID, k 310
1709 WYNF 94.9 FL Tampa, 95-YNF	7/5 tr
1711 WPFM 107.9 FL Panama City, ads, ID	0920 KUHF 88.7 TX Houston, ID 460
1716 WDUV 103.3 FL Bradenton, ID, m	0935 KKTX 95.9 TX Kilgore, 96X, ad 300
1722 WHLY 106.7 FL Leesburg, wx, Y-106	0938 KGRI 100.1 TX Henderson, ID 310
1723 WRBQ 104.7 FL Tampa	0938 KMFM? 99.3 TX Whitehouse, ad, ID not clear
1724 WELE 105.9 FL De Land, ID	0942 KWIC 107.7 TX Beaumont 460
•	1000 KSBJ 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

Mystic/Stonington Broadcasting Corporation
Box 232, Old Stonington Road
Mystic, Connecticut 06355-0232

FM logos from Paul Gaines and Frnest R. Cooper.

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, WTMI & 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, WTMI, WYOR & WKTZ. @1659 the new WQCS 88.3 \$ NPR Fort Pierce FL (945); 1700 WHLG 102.3 from 107.1 \$ Jenson 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, WWWL, WMCU, WLRN, WTMI, WAIA, W-LYF, WW-BA & WFYN now R was EZ. @2056 WSWF 107.1 \$R Lehigh Acres FL (970). 5/16 Es @1911 KXKQ 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, KDKB, KOB now live R was EZ, KMCR & KVWM. 5/24 Es @1855 the new KTRS \$R 95.5 Casper WY (965); 1901 KTAK 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 & KQUY. 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 WGMS \$/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 WVBF \$/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) 3/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, WMYS, 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, WGTR, WINH & 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, WWWL, WYOR, WIRK, WMCU, WLRN, WTMI, WAIA & W-LYF. 6/15 Es 1650-1705 KGRE & KTCL both N. CO; @1749 logged station #42 for 94.3 W/KRCT mono jingles Ozona 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 KTXT, KOCV, KNFM, KENW, K-BAT, KWMJ, KFMN, KBIL, KQIZ & KACV. 6/17 Es 1840-2130 from CO were KILO, KCCY, KWDE, KVBL, KBCO, KCFR, KOA-Q, KTCL, KCOL, KGRE; (from SD) KRCS, KKHJ, KVSR; (from WY) KROE, KLWD, KOLL, KTAK, 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 KPCQ) "Your MX Connection" w/\$/R/ID 97.9 Cody/ Powell WY (1130); 2109 K??? "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, WTMI, WAIA, W-LYF, WAFG, WAXY, W-SHE, WEAT, WIRK, WIMC using AM calls, WOVV, WFIA & WIE-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.

NORTHERN FM DX

Saul	Chernos	cont'd:	SEPTEMBER	198

Saul Charnes - 70	
Saul Chernos - /	9 Ridge Drive - Toronto, ON M4T-1B6
6/13 Es (From Burnt River)	<u> 6/26 </u>
2110 WPCS 89.3 FL Pensacola	1120 1154 WRNO 99.5 LA New Orleans 1225
2115 WBYU 95.7 LA New Orleans	1225 1157 KVIL 103.7 TX Dallas 1305
2120 WYLD 98.5 LA New Orleans	1235 1159 KEVU 90.7 TX Dallas 1505
2130 WWNO 89.9 LA New Orleans	1225 1201 WISF 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 WWBD 92.7 SC Bamberg	820 1210 WTYX 101.5 FL Pensacola 1120
2010 WPCV 97.5 FL Winter Haven	1200 1212 WFMF 102.5 LA Baton Rouge 1230
2012 WDUV 103.3 FL Bradenton	1240 1215 WREZ 103.3 AL Montgomery 975
2019 WATV 96.9 Ft Jacksonville	1030 1217 WINK 101.57 LA Daton Rouge 1230
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 KMGC 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
0205 VNER OA 3 NE Seettebluss	1240 KBIU 103.7 LA Lake Charles 1310
6/20 tr	1300 1241 ASMI 104.9 LA Jonadasonville
1007 WTCM 103.5 MI Traverse City	350 1243 KYKZ 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 KLUR 99.9 TX Wichita Falls 1320
2051 KKLI 95.7 TX Houston	1410 1252 KAYZ 103.1 AR El Dorado
2055 KDBF 104 1 TV Houston	1410 1257 KMD 101.1 LA Shreveport 1190
2057 KOUE 102-9 TX Houston	1410 1259 KLRE 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 WPAP 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-4 91.9 SA Bellegarde	1312 KRLG 98.1 OK Lawton 1285
Olds CBKU 94.5 SA Denare Beach	1313 KATT 100.5 OK Oklahoma City 1205
0200 CBK 96.9 SA Regina	1315 1315 KDOT 102.5 AR Texarkana
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 WCIB 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
6/26 to 09.1 IN Pt. Wayne	425 1325 KXLS 99.7 OK Alva 1200
0857 WLVE 94.9 WT Berehoo	575 1327 KBPA 07 0 KS Wight 1305
0858 WCMU 89.5 MI Mt. Pleasant	325 1328 KEYN 103-7 KS Wighita 1105
0858 WCML 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 WNWC 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
OOZS WORD 100 7 WT Paging	299 1340 AVGB 104.3 KS Great Bend 1150
O958 WHAD 90.7 WI Delafield	1343 KJCK 94.5 KS Junction City 1120
1000 WBCS 102.9 WI Milwaukee	490 1347 KTPK 106.9 KS Topeka 960
1015 WEZW 103.7 WI Wauwatosa	1348 KFDI 101.3 KS Wichita 1105
6/26 Es (107.9 is MUF)	1349 KSLS 99.3 KS Liberal 1300
1123 WCKW 92.3 LA Laplace	1235 1350 KHOK 100.? KS Hoisington, see comments
TIES ROLL TOZAS IN HOUSEON	1.10 1000 Miki 10167 ks Manhattan 1015
1130 WUWF 88.1 FL Pensacola	1120 1359 <u>KJLC</u> 88.5 MO Kansas City 925 1125 1400 <u>KHCC</u> 90.1 KS Hutchinson 1120
1132 WLPR 96.1 AL Mobile 1133 WOSM 103.1 MS Ocean Springs	
1140 WWWB 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 KIIQ 102.7 CO Manitou Springs 1435
1145 KWTX 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
42	- Continued -

MORTHUR ST.	
6/26 Es 1412 KOKO 98.5 IA Council Bluffs 915 I 1415 KFNF 101.1 KS Oberlin 1190 I 1416 KAWL 104.9 NE York I 1417 KYGO 98.5 CO Denver 1405 I	5/26 Es
1/12 KOKO 98.5 IA Council Bluffs 915	439 KCMI 103.9 NE Terryton
1415 KFNF 101.1 KS Oberlin 1190]	1452 KQSK 97.5 NE Chadron 1245
1415 KRWL 101-1 AS OBERTH 1190 A 1190	1420 L504 KAWY 94.5 WY Casper 1420
1417 KYGO 98-5 CO Denver 1405[]	1506 KTRS 95.5 WY Casper 1420
1420 MMCX 106.5 NE Ogalala 122016	5/27 tr
1423 KUAD 99.1 CO Windsor	0000 WMKC 102.9 MI St. Ignace 315
1429 ROAD 99.1 00 WINGSOI	0033 WWRM 106.7 MI Gaylord 300
1423 KUAD 99.1 CO Windsor 1428 unID 103.7 ?? ? "KX-104, The Kicks" (Mentions of North Platte/Lexington NE	0059 WJML 98.9 MI Petoskey 320
	0620 CBSM 89.5 ON Sault Ste Marie 310
1436 KKAZ 100.7 WY Cheyenne 1370 C Some nice FM Es openings. Two hit the top of	of hard and others climbed high enough.
Some nice in as openings. Two nit the top of	To vuot ve on 100 7 on 100 9? Who is
Is KESS TX on 93.9 or 94.1? (Still 93.9-RS)	y 15 know as on 100.7 of 100.7. who is
"KX-104 - The Kicks" in Western Nebraska?	on olio, kind was alone (be-wise) on ini
very much like my 13 minute ms burst from KI	SUF AS last August. IV 2 & 0 were vacant,
3 had CO, 5 WY, and 4 SD & NE. I now feel h	CBUF was Es, the second logging of course.
I had them an hour earlier by a short MS but	rst. 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 nor	rth, I had terrible CCI on TV. I awoke
the next morning in the living room in front	t of the TV, my hand more or less on the
rotor. I had Portland ME on TV 6 later that	t same afternoon on Es at 430 miles - an
Es relog. The 6/26 Es cut short a nice tr t	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 SaulRS)
7/2 Es (from Burnt River)	7/11 Es
1010 UTUE 00 1 CC Nameina 02 1 MIR 78512	2022 KSMY Q2] TA Fort Dodge
7/5 tr 1712 WEMU 89.1 MI Ypsilanti 2200 WCXI 92.3 MI Detroit, ex-WTWR 280 7/5 ms 1720 KCUR 89.3 MO Kansas City 925 7/6 tr	2034 VERY 102 7 NE Lincoln 970
TO UT	2025 VBCW OF 5 TA Signer City 1010
1712 WEMU 09-1 MI TPSILANTI	2005 KBCM 95.5 IN STOUX CITY 1010
2200 WCXI 92.3 MI Detroit, ex-WTWR 200	2044 KKAZ 100./ WI Cheyenne 1970
7/5 ms	2055 WSGF 95.5 GA Savannan 905
1720 KCUR 89.3 MO Kansas City 925	(Where this come from 177)
7/6 tr	2057 KCFO 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 CBSM 89.5 ON Sault Ste Marie 310	2102 KSOZ 91.7 MO Point Lookout
7/5 ms 1720 KGUR 89.3 MO Kansas City 925 7/6 tr 0307 CJFI 99.9 ON Sarnia 230 7/10 tr 0848 WMKC 102.9 MI St. Ignace 315 0849 CBSM 89.5 ON Sault Ste Marie 310 0850 WCMU 89.5 MI Mt. Pleasant 325 1021 CJQM 104.3 ON Sault Ste Marie 310 1058 WDTR 90.9 MI Detroit 280 1100 WKAR 90.5 MI East Lansing 330 7/11 tr	2103 CB?? 89.5 NS New Glasgow
1021 CTOM 104 3 ON Soult Ste Marie 310	2104 KAYO 97.7 MO Warsaw
1058 WDMD OO 9 MT Detroit 280	2106 CB22 97-1 NS Liverpool
1000 WMAR OO E MT Foot Tonging 330	2107 CTOO 100 1 NS Halifay
1100 WAR 90.5 MI East Lansing 550	2108 KKKX 95.7 KS Ottawa 975
7/11 tr	2108 KKKX 95.7 KS Ottawa 975
1000 WTCM 103.5 MI Traverse City 350	2109 WHNQ 101.5 1L Bloomington 015
1915 CBAF 88.7 NS New Glasgow, (CBAF-27) 1924 WGTC 92.3 IN Bloomington, (short) 575 1932 KEZO 92.3 NE Omaha 925 1935 KWYR 93.7 SD Winner 1080 1938 KRNY 98.9 NE Kearney 1090 1942 KOXT 101.1 NE Columbus 995 1947 KOXQ 98.5 IA Council Bluffs 915 1949 KEXI 106.7 NE Norfolk 930 1950 KEEZ 99.1 MN Mankato 780 1953 WOJO 105.1 IL Evanston, very short 505 1956 KRFS 103.9 NE Superior 1958 KIOV 104.7 SD Sioux Falls 920 1959 KTCR 97.1 MN Minneapolis 740	2113 KPRS 103.3 MO Kansas City 925
1924 WGTC 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 KRNY 98.9 NE Kearney 1090	2126 KFKF 94.1 KS Kansas City 925
1942 KOXI 101.1 NE Columbus 995	2130 KCEZ 94.9 MO Kansas City 925
1947 KOKO 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 WIBW 97.3 KS Topeka 960
1953 WOTO 105.1 II. Evanston, very short 505	2140 KTPK 106.9 KS Topeka 960
1056 VDEC 103 O NE Superior	2142 KANII 91.5 KS Lawrence 960
1950 KAPS 105-5 NE Superior	2145 KVNN OL I NE Omaha 925
1950 KIUV 104.7 SD STOUX FALLS 720	2202 VVVV 100 Z VC Calbu
1959 KTCR 97.1 MN Minneapolis 740	2202 KAXA 100.5 AS COIDY
2000 KATX 97.3 TX Plainview 1450	220) Krkr 94.1 NS Kansas City 925
2001 KWFC 97.3 MO Springfield 940	7/13 tr
2002 <u>KDLO</u> 96.9 SD Watertown 925	0620 WSAQ 107.1 MI Port Huron 230
1956 KRFS 103.9 NE Superior 1958 KTOV 104.7 SD Sioux Falls 920 1959 KTCR 97.1 MN Minneapolis 740 2000 KATX 97.3 TX Plainview 1450 2001 KWFC 97.3 MO Springfield 940 2002 KDLO 96.9 SD Watertown 925 2003 KYTS 102.1 MO Kansas City 925	7/13 AE
COOT ROPE TOUR / MR ATEXABIGETA	Z) Z RODZ
2006 KIXX 96.1 SD Watertown 925	2333 KQKQ 98.5 IA Council Bluffs 915
2009 WAQE 97.7 WI Rice Lake	2335 KFMQ 101.9 NE Lincoln 970
	2337 KJCK 94.5 KS Junction City 1035
	2349 KWPM 93.9 MO West Plains 900
	2352 KHOK 100.? KS Hoisington
	2353 KKUZ 102.5 MO Joplin 1000
	2354 KMOD 97.5 OK Tulsa 1100
2032 unID 94.3 ?? King Biscuit Flour Hour!	2359 <u>KWTO</u> 98.7 MO Springfield 940
Conti	nued -

NORTHERN FM DX

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 highlite...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.

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 6/24 GW 6/26 Es	KBWH WKTZ WKUE WRVL WMBJ WHSL WMFR WRAL	106.3 96.1 92.7 88.3 95.9 97.3 99.5 101.5	NE FL VA NC NC NC	Blair Jacksonville Green Cove Springs Lynchburg Morehead City Wilmington High Point Raleigh		WIT WIT WA WA WU WC WN	YA MS IC MR ID PE AU	93.1 96.1 96.5 96.3 95.9 95.9 98.1 99.1	SD ME CT ME MA MA PA MD	Washingto Yankton Presque I Hartford Rumford Marshfiel Pittsfiel Philadelp Annapolis Washingto	sle d d hia
44	WOKN WAKG WXRI	102.3 103.3 105.3	NC VA VA	Raleigh Goldsboro Danville Norfolk Roanoke	(No	WM: WG: WH	ZQ AY UR	98.7 99.5 96.3	DC DC DC	Annapolis Washingto Washingto Washingto led this s	n n n

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, KCCK 88.3, Cedar Rapids, IA good with "Journey to Jazz." July 6 - Up for the eclipse, and tuned the bands, too. WXLP 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 "Z-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 - Heavey 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 tought.

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 Hoopeston, IL. Up to 101.1 to try for a WKOX 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-lo1, Q-101" singing ID is good here, and at 0200, had full WKOX 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-KSAY. 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 KNJY Clinton, IA, with mailing address for comments. Right at midnight, managed to hit 100.9 just as WOFL 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. Trops 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:

7/13	Es				7/21	Es			
2112	WJER	101.7	OH	Dover-New Philadelphia	1930	WUSF	89.7	FL	Tampa, talk book SCA
5112	MNOU	98.3	CT	Willimantic	1931	WDBO	92.3	FL	Orlando, talk book SCA
2120	WEEI	103.3	MA	Boston	1935	WEEJ	100.1	FL	Port Charlotte
21,25	WKSS	95.7	СT	Hartford	1944	WWBA	107.3	FL	Tampa-St. Petersburg
2145	MTEA	96.1	PA	Easton	1947	WRBO	104.7	FL	Tampa-St. Pete, "Q-105"
2147	WFUV	90.7	NY	New York,	2000	WTVY	95.5	AL	Dothan
				"Rock Rap" call-in show	2001	WDUV	103.3	FL	Bradenton, mx SCA
2200	<u>WQQQ</u>	99.9	PA	Easton	2006	WNYR	101.9	FL	Fort Meyers, new call
				Philadelphia	2032	WEAS	93.1	GA	Savannah
2203	WKHI	99•9	MD	Ocean City	2100	WKGC			Panama City
2216	WFOG	92.9	VA	Suffolk-Norfolk, mx SCA	7/23	tr			
2227	MLLA	95•7	VA	Norfolk	2354	WISQ	100.1	WI	West Salem
2253	WKTM	102.5	SÇ	Charleston	((Also	trops	to	Chicago)

From Prosit. MN cabin:

7/1	Es				7/12	m-			
1900	KETM	92.3	'nΥ	ET Page	7/11	- 170 00	302.0		7
1900	KTEP	88.5	ΨY	El Paso El Paso	1776	WDRC	102.9	CT	Hartford
7/2	+2	00.	ıv	EL PASO	1722	WHUD	100.7	NY	Peekskill
· 1007	KDan	01 0	MD	Fargo, ann. as 100kw	1000	WNHU	00.7	CT	West Haven
2/2	Fo	7107	עוו	rargo, ann. as IOOKW	1000	WICK	88.5	MA	Amherst
1075	Es WHIA	02.1		D	1009	WALK	97.5	NY	Patchogue
7/8	MILLA	92.1	GA	Dawson, g	1812	WCIB	101.9	MA	Falmouth
₩,	E45	^~ -	٠.	Moreauville	1817	WIOF	104.1	CT	Waterbury
						WWHB	107.1	NY	Hampton Bays
1000	VKAP	00°T	LΑ	Lafayette	1914	WRAL	101.5	NC	Raleigh, mx SCA
177	48				1930	WRQX	107.3	DC	Washington, r, "Q-107"
1910	KINL	92.7	TX	Lafayette Eagle Pass El Paso Mesa Phoenix Glendale-Phoenix Phoenix, mx SCA Phoenix, mor San Angelo Phoenix	1930	WFSI	107.9	MD	Annapolis
1959	KFIM	92.3	TX	El Paso	1931	WEZR	106.7	٧A	Manassas
2001	KDKB	93.3	AZ	Mesa	1931	WKDE	105.5	VA	Altavista
2020	KOOL	94.5	ΑZ	Phoenix	1940	WVXX	105.9	VA	Alexandria, "Kix-106"
2030	<u>KJJJ</u>	92.3	ΑZ	Glendale-Phoenix	1943	WWDC	101.1	DC	Washington, r. mx SCA
2033	<u>KBBC</u>	98.7	ΑZ	Phoenix, mx SCA	1945	WGAY	99.5	DC	Washington, mor
2042	KOYT	95.5	AZ	Phoenix, mor	1949	WIXV	95.3	VA	Front Royal
2050	KIXY	94.7	ТX	San Angelo	2000	WAMU	88.5	DC	Washington
21,00	KMCR	91.5	ΑZ	Phoenix	7/17	tr	-		
7/11	Es				0945	KJJK	96.5	MN	Fergus Falls
1720	WKGL	92.7	NY	Middletown	7/18				
1726	WING	92.1	NY	Sag Harbor Middleford	1700	WRAF	90.9	GA	Toccoa Falls
1730	WPBH	90.5	CT	Middleford	1705	WMOR			Morehead
1733	WYNY	97.1	NY	New York	1800	WBHM	90.3	AT.	Birmingham
1738	WDJF	107.9	CT	Westport	1800	WPAP	92.5	FT.	Panama City
1742	WERI	103.7	RI	Westerly, in \$	7/24	Ea	//		ranama Olty
1744	WSRK	103.9	NY	wateroury-narriord, r New York Westport Westerly, in \$ Oneonta, k	1508	WFT.Y	92.3	NY	Trov
1748	WKCI	101.3	CT	Hamden, "KC-101"	1515	WSNE	93.3	MΑ	Taunton-Providence DT
		(New	Unc	Hamden, "KC-101" derlined)	1520	WHCF	88.5	ME	Bangor

1520 WHCF 88.5 ME Bangor 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).

Fred McCormack - Des Lacs, ND 58733

	Fred McCormack - Des Lacs, ND 58733												
	_					G /0	D-						
5/8	<u>tr</u>	- al. a		Regina, el, j Sidney, "CH-93" Wolf Point, r		77.5	¥						
0129	CKIT	104.9	SA	Regina, el, j	205	0900	XHOS.	95•7	BCN	Tijuana, SS	1350		
0935	KGCH	93.1	MT	Sidney, "CH-93"	125	0903	K265#	# ()	BRI	-94. 9)			
2153	<u>KY ZZ</u>	92.7	MT	Wolf Point, r	190	_		100.9	UT	St. George or Kan	ab		
5/9	tr												
1525	KJJK	96.5	MN	Fergus Falls,	290	0920	KFMB	100.7	CA	San Diego, "FMB" Anaheim Riverside	1345		
				"K-Jack"		0931	KEZY	95.9	CA	Anaheim	1305		
7/4	tr					0932	KDUO	97.5	CA	Riverside	1280		
7145	Č	98.9	SA	Regins, r. "Zed-99	# 205	7/9	tr						
1302	KKSD	101.5	SD	Gregory, k. "K-101	# 360	1503	K2694	## (1	(YZ2	(;)			
7/6	Ea	,		Regina, r, "Zed-99 Gregory, k, "K-101		-,-,		101.7	MT	Culbertson or Oph	eim		
		~/ =		T 1 1 100 1 000	#12 ACA	2001	75-5-7-100	90.7	CA	Toe Anneles	1305		
2007	WYDI	90.7	ш	Jackson, k, "K-101 Park Rapids, DBC Radio Net.	الارعد	2001	MAVG	05.0	CA	Comlabed m	1325		
141 ,	#F	07 E	3437	Danis Danida	715	2020	V TOV	77.7	CA	Caristad, I	エンピン		
1244	APRIL	97.0	MN	Park Rapids,	ادبر	2020	MAGI	105.7	CA	San Diego, "K-joy	" 17 7 7		
				DBC Radio Net.		2051	AHGU	T02.3	UH.	Cludad Juarez, 55	1700		
777	<u>EB</u>			Chicoutimi, E Chicoutimi, F Billings, el		2054	YHOL	90.9	BCI	Tijuana,	1220		
1959	CBJE	107.9	PQ	Chicoutimi, E	1390				SS,	"R. Sensacion"			
2002	CJAB	96.7	PQ	Chicoutimi, F	1390	2037	KLYT	88.3	NM	Albuquerque	945		
<u>7/8</u>	<u>tr</u>					2043	KINT	97•5	ТX	El Paso, "Kint-90	1170		
1344	<u>KOOK</u>	102.9	MT	Billings, el	370	2045	KEVR	102.3	NΜ	Espanola	870		
<u>7/8</u>	Es			Billings, el		2046	XHIM	105.1	CH	Ciudad Juarez,	1180		
1700	Houst	on fro	eqs.	in briefly, no ID	18					SS, el			
2023	KYNO	95.5	ČA	Fresno	1215	2051	XHH	100.7	CH	Ciudad Juarez.	1180		
2039	KIOY	103.7	CA	Hanford, r	1230					"Mariachi \$"			
2050	KSAN	94.9	CA	San Francisco	1270	2054	KGRT	103.9	NM	Las Cruces, k	1135		
2052	KROY	96.9	CA	Sacramento, r	1195	2100	KICA	107.5	NM	Clovis	960		
2058	KANG	89.9	CA	Angwin	1235	2131	KNIT	95.3	NM	Portales, SS	975		
7/9	Ea	-,-,				2140	KENW	89.5	NM	Portales	975		
1005 6	YETP	1 01 1	RCI	f Tijuana	1350	2/10	An	٠,•,	••••	. 01 00.00	717		
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0850	KDDG	80 5	~	San Diego	7745	2/10	<u>~~~</u>	102.7	La T	billings, and	7/0		
VU)7	VE DO	U7+J											
				IICantact -80II		1248	FGD7	05.5	NE	Gandan k	780		
				"Contact-89"	-,,,	1248	KSDZ	95•5	NE	Gordon, k	380		
				Tijuana, E, r, "91-X" San Diego, "Contact-89" From 135 Prairie	wood I	1248 Orive	KSDZ - Fai	95.5	NE 0 58	Gordon, k 3103	380		
				From 135 Prairie	wood I	<u>)rive</u>	- Fa.	rgo, Ni	<u> 58</u>	<u>3103</u>			
				From 135 Prairie	wood I	<u>)rive</u>	- Fa.	rgo, Ni	<u> 58</u>	<u>3103</u>			
				From 135 Prairie	wood I	<u>)rive</u>	- Fa.	rgo, Ni	<u> 58</u>	<u>3103</u>			
				From 135 Prairie	wood I	<u>)rive</u>	- Fa.	rgo, Ni	<u> 58</u>	<u>3103</u>			
				From 135 Prairie	wood I	<u>)rive</u>	- Fa.	rgo, Ni	<u> 58</u>	<u>3103</u>			
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7/2 0814 0836 0840	Es KDSI KIWW KEXX	92.1 96.1	TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi. k	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229	Es WIOF WFUV WHRO WYSP WGLD	104.1 90.7 89.5 94.1	CT NY VA PA NC	Waterbury New York Norfolk Philadelphia High Point	1225 1205 1255 1180 1145		
7/2 0814 0836 0840 0903	Es KDSI KIWW KEXX KISS	92.1 96.1	TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi. k	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229	Es WIOF WFUV WHRO WYSP WGLD	104.1 90.7 89.5 94.1	CT NY VA PA NC	Waterbury New York Norfolk Philadelphia High Point	1225 1205 1255 1180 1145		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229 2349	Es WIOF WHRO WHRO WESP WGLD WYCQ	104.1 90.7 89.5 94.1 100.3	CT NY VA PA NC TN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k	1225 1205 1255 1180 1145 950		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229 2349	Es WIOF WHRO WHRO WESP WGLD WYCQ	104.1 90.7 89.5 94.1 100.3	CT NY VA PA NC TN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k	1225 1205 1255 1180 1145 950		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229 2349	Es WIOF WHRO WHRO WESP WGLD WYCQ	104.1 90.7 89.5 94.1 100.3	CT NY VA PA NC TN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k	1225 1205 1255 1180 1145 950		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229 2349	Es WIOF WHRO WHRO WESP WGLD WYCQ	104.1 90.7 89.5 94.1 100.3	CT NY VA PA NC TN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k	1225 1205 1255 1180 1145 950		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss	1325 & SS 1430 & SS 1315	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824	Es WIOF WHRO WISP WGLD WYCQ WYCC tr KFKK KDOM	104.1 90.7 89.5 94.1 100.3 102.9 101.5	CT NY VA PA NC TN GA SD MN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth NPP	1225 1205 1255 1180 1145 950 1175 265 225		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145	7/13 2153 2153 2214 2214 2229 2349 2349 2352 7/16 1422 1824	Es WIOF WHRO WISP WGLD WYCQ WYCC tr KFKK KDOM WSCD WHIE	104-1 90-7 89-5 94-1 100-3 102-9 101-5 94-3 92-9	CT NY VA PA NC TN GA SD MN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR	1225 1205 1255 1180 1145 950 1175 265 225		
7/2 0814 0836 0840 0903	Es KDS1 KIWW KEXX KISS	92.1 96.1 93.9 99.5	TX TX TX TX	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145	7/13 2153 2153 2214 2214 2229 2349 2349 2352 7/16 1422 1824	Es WIOF WHRO WISP WGLD WYCQ WYCC tr KFKK KDOM WSCD WHIE	104-1 90-7 89-5 94-1 100-3 102-9 101-5 94-3 92-9	CT NY VA PA NC TN GA SD MN	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR	1225 1205 1255 1180 1145 950 1175 265 225		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1846 1850	KIVV KEXX KISS KAJA ES VDJF WMRV WXKV WMJY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 104.1	TX TX TX TX TX OT NY PA NJ	From 135 Prairie Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107"	1325 & SS 1430 & SS 1315 "1210 "1210 1225 1070 1145 1220	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1422 1824 1845	Es WIOF WHRO WERD WYCQ WYCQ TE KFKX KDOM WSCD WHLB WOJB	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9	CT NY VA NC TN GA SD MN MN WI	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260		
7/2 0814 0836 0840 0903 0909 7/11 1838 1846 1850 1906 1921 1924 1928 1932 2044	ES KIWW KEXX KISS KAJA ES WIDJP WHEN WECC WILQ WILQ WILQ WILQ WILQ WILQ WILQ WILQ	92.1 96.1 93.9 99.5 97.3 107.9 104.1 107.1 105.9 106.9 95.1 104.3	TX T	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QBQ-105"	1325 & SS 1430 & SS 1315; "1210 "1210 1225 1070 1145 1220 1235 1145 1055 1140	7/13 2153 2159 2214 2219 2349 2352 7/16 1206 1422 2009 7/18 1721 1730	ES WIOF WIOF WIOF WIOF WIND WIND WIND WIND WIND WIND WIND WIND	104-1 90-7 89-5 94-1 100-3 102-9 102-9 101-5 94-3 92-9 107-1 88-9 103-7 92-1 94-5 100-3 4 93-1	CT NY PA NC TN GA SD MN MN WI A SD TX TX	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Harlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo"	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260 480 1450 1450 1450		
7/2 0814 0836 0840 0903 0909 7/11 1838 1846 1850 1906 1921 1924 1928 1932 2044	ES KIWW KEXX KISS KAJA ES WIDJP WHEN WECC WILQ WILQ WILQ WILQ WILQ WILQ WILQ WILQ	92.1 96.1 93.9 99.5 97.3 107.9 104.1 107.1 105.9 106.9 95.1 104.3	TX T	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QBQ-105"	1325 & SS 1430 & SS 1315; "1210 "1210 1225 1070 1145 1220 1235 1145 1055 1140	7/13 2153 2159 2214 2219 2349 2352 7/16 1206 1422 2009 7/18 1721 1730	ES WIOF WIOF WIOF WIOF WIND WIND WIND WIND WIND WIND WIND WIND	104-1 90-7 89-5 94-1 100-3 102-9 102-9 101-5 94-3 92-9 107-1 88-9 103-7 92-1 94-5 100-3 4 93-1	CT NY PA NC TN GA SD MN MN WI A SD TX TX	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Harlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo"	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260 480 1450 1450 1450		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1850 1906 1921 1928 1932 2044 2058 2100	ES KDSI KIWW KECK KISS KAJA ES WODJP WIEV WILLY WILLY WESS WOHO WAIV WDJO	92.1 96.1 93.9 99.5 97.3 107.9 104.1 107.1 105.9 106.9 95.1 104.3 104.7 95.1	TX TX TX TX TX TX TX TX PAA NJ CT PAA ND MD NJ PA	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QBQ-105"	1325 & SS 1430 & SS 1315; "1210 "1210 1225 1070 1145 1220 1235 1145 1055 1140	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1206 1206 1207 1712 1731 1731 1731 1732	ES STORY STO	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3	CTYPAC SD MMN WIA SD TX TA TXX	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Karlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo" Edinburg Seguin, M nx	1225 1205 1255 1180 1145 950 1175 265 220 205 260 480 185 1430 1450 1435 1435 11455		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1850 1906 1921 1928 1932 2044 2058 2100	ES KDSI KIWW KECK KISS KAJA ES WODJP WIEV WILLY WILLY WESS WOHO WAIV WDJO	92.1 96.1 93.9 99.5 97.3 107.9 104.1 107.1 105.9 106.9 95.1 104.3 104.7 95.1	TX TX TX TX TX TX TX TX PAA NJ CT PAA ND MD NJ PA	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QHQ-105" Atlantic City Lancaster Dover,	1325 \$ \$8 1430 \$ \$8 1315 "1210 "1210 1225 1070 1145 1220 1235 1145 1055 1140 1230	7/13 2153 2159 2214 2219 2229 2349 2352 7/16 1206 1206 1206 1207 1712 1731 1731 1731 1732	ES STORY STO	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3	CTYPAC SD MMN WIA SD TX TA TXX	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Karlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo" Edinburg Seguin, M nx	1225 1205 1255 1180 1145 950 1175 265 220 205 260 480 185 1430 1450 1435 1435 11455		
7/2 0814 0836 0840 0903 0909 7/11 1838 1846 1850 1906 1921 1928 1932 2044 2058 2100 2100	ES KDSI KIW KEXX KISS KAJA BS VDJF WHEN WECN WECN WECN WILQ WBSB WQHQ WATV WDAC VDSD	92.1 96.1 93.9 99.5 97.3 107.9 104.7 105.9 106.9 95.1 104.3 104.7 95.1 94.5 94.7	TX TX TX TX TX TX TX TX PA NJ CT CTA PA MD NJ PA DE	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem williamsport Baltimore, r, "B-104" Ccean City, "QEQ-105" Atlantic City Lancaster Dover, "Delaware Country-	1325 \$ \$8 1430 \$ \$8 1315 "1210 "1210 1225 1070 1145 1220 1235 1145 1050 1230 1235 1140 1230	7/13 2153 2159 2214 2219 2229 2352 7/16 1206 1206 221 1845 1927 2009 2229 7/18 1731 1731 1731 1803	- Fai Es VIOF VPUV VHRO VISP VHRO VISP VHTO V	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3 4 93.1 104.1 105.3 94.9	CTYPAC SD MNN MN VIA SD TXX TA TXX TXX VV	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Karlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo" Edinburg Seguin, M nx Laredo Bluefield, "J-105	1225 1205 1255 1180 1145 950 1175 265 220 205 260 480 185 1430 1450 1435 1435 11455 11455 11455		
7/2 0814 0836 0840 0903 9009 7/11 1838 1840 1850 1924 1928 1932 2044 2058 2100 2134	Ea KDSI KIVV KEXX KISS KAJA Be WIDJF WINT VIXIV	92.1 96.1 93.9 99.5 97.3 107.9 104.7 107.1 105.9 106.9 95.1 104.3 104.7 95.1 94.5 94.7	TX T	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QHQ-105" Atlantic City Lancaster Dover, "Delaware Country- Logan, "Magic-95"	1325 \$ \$8 1430 \$ \$8 1315 1210 1210 1225 1070 1145 1220 1235 1145 1055 1140 1230 1235 1145 1055 1140 1255 1145 1055 1145 1055 1145 1055 1145 1055 1145 1055	7/13 2153 2159 2214 2219 2229 2352 7/16 1206 1206 221 1422 1845 1927 2009 2229 7/18 1731 1732 1734 1735 1803 1906	- Fair Fair Fair Fair Fair Fair Fair Fair	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3 4 93.1 104.1 105.3 94.9 104.5	CT YAA C TYA SD MIN MIN WIA SD TXX TXX WY GA	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Karlingen Brownsville, "K-Dove" Reynosa, "§ Recuerdo" Edinburg Seguin, M nx Laredo Bluefield, "J-105 Augusta	1225 1205 1255 1180 1145 950 1175 265 220 205 260 480 185 1430 1450 1435 1435 11455 11455 11455 11455		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1850 1921 1924 1928 1932 2044 2058 2100 2134 2143	ES KIDSI KIWW KEKK KISS KAJA ES KAJA WHIT WHIT WHICH WICCC WIZZO WILG WAYW WAYW WAYW WAYW WAYW WAYW WAYW WAY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 107.1 105.9 106.9 95.1 104.3 104.7 94.5 94.5	TX T	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QHQ-105" Atlantic City Lancaster Dover, "Delaware Country- Logan, "Magic-95" Salt Lake City	1325 \$ \$8 1430 \$ \$8 1315 1210 1210 1225 1070 1145 1220 1235 1145 1055 1140 1230 1235 1145 1055 1140 1255 1145 1055 1145 1055 1145 1055 1145 1055 1145 1055	7/13 2153 2159 2214 2219 2229 2352 7/16 1206 1206 221 1422 1845 1927 2009 2229 7/18 1731 1732 1734 1735 1803 1906	- Fair Fair Fair Fair Fair Fair Fair Fair	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3 4 93.1 104.1 105.3 94.9 104.5	CT YAA C TYA SD MIN MIN WIA SD TXX TXX WY GA	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Karlingen Brownsville, "K-Dove" Reynosa, "§ Recuerdo" Edinburg Seguin, M nx Laredo Bluefield, "J-105 Augusta	1225 1205 1255 1180 1145 950 1175 265 220 205 260 480 185 1430 1450 1435 1435 11455 11455 11455 11455		
7/2 0814 0836 0840 0903 0909 7/11 1838 1840 1850 1921 1924 1928 1932 2044 2058 2100 2134 2143	ES KIDSI KIWW KEKK KISS KAJA ES KAJA WHIT WHIT WHICH WICCC WIZZO WILG WAYW WAYW WAYW WAYW WAYW WAYW WAYW WAY	92.1 96.1 93.9 99.5 97.3 107.9 104.7 107.1 105.9 106.9 95.1 104.3 104.7 94.5 94.5	TX T	Alice, bi-lingual ID, EE Harlingen, bi-lingual ID, EE Corpus Christi, k San Antonio, "Kiss San Antonio, "Kiss San Antonio, "KJ97 Westport Endicott Allentown, k Long Branch, "New live Y-107" Hartford, "The Rock" Hartford, r Bethlehem Williamsport Baltimore, r, "B-104" Ocean City, "QHQ-105" Atlantic City Lancaster Dover, "Delaware Country- Logan, "Magic-95"	1325 \$ \$8 1430 \$ \$8 1315 1210 1210 1225 1070 1145 1220 1235 1145 1055 1140 1230 1235 1145 1055 1140 1255 1145 1055 1145 1055 1145 1055 1145 1055 1145 1055	7/13 2153 2159 2214 2219 2229 2352 7/16 1206 1206 221 1422 1845 1927 2009 2229 7/18 1731 1732 1734 1735 1803 1906	- Fair Fair Fair Fair Fair Fair Fair Fair	104.1 90.7 89.5 94.1 100.3 102.9 102.9 101.5 94.3 92.9 107.1 88.9 103.7 92.1 94.5 100.3 4 93.1 104.1 105.3 94.9 104.5	CT YAA C TYA SD MIN MIN WIA SD TXX TXX WY GA	Waterbury New York Norfolk Philadelphia High Point Shelbyville, k Columbus Gregory, k Windom Duluth, NPR Wirginia Hayward, NPR Davenport, "K double I K" Huron, "U-92" Harlingen Brownsville, "K-Dove" Reynosa, "\$ Recuerdo" Edinburg Seguin, M nx Laredo Bluefield, "J-105	1225 1205 1255 1180 1145 950 1175 265 225 220 205 260 480 185 1430 1450 1450 1450 1455 1195 1345 1195 1345		

1225

1225

1075

1245

940

NORTHERN FM DX

NORTHERN FM	DX	Fr	ed McCorr	nack	cont'	<u>1</u> :		SEPTEMBER	1982
7/18 Es				17/24	Es				
	05.5 CO.	A Piedras Negras		1816	WHEB			Portsmouth	1290
7/20 tr		"R. Ensueno"		1818	WCRB	102.5	MA	Waltham,	1285
	04.3 MB	Fairford,	275	1876				Concert Station" Carlisle	1080
a	• • • • • • • • • • • • • • • • • • • •	CBC AM relay	222					Lake Jackson, g	1235
<u>7/23 tr</u>								Houston.	1185
0035 WJEZ 10	04.3 IL	Chicago, k	570			Urban	Sor	and of Houston"	_
0037 WGCI 10	07.5 IL	Chicago	570	1932	KLIS	94.3	TX	Palestine	1045
0150 WEER	90.7 IL	Chicago Chicago, r	570		tr	88.1	TX	Humble	1170
0226 WHET	95.5 IL	Chicago, r, "95	570 570			93.1	SD	Yankton, "KK-93"	275
0230 WL00 10	00.3 IL	Chicago	570	7/25		//•=	~_	immeon, m-95	LIJ
0324 WYCA	92.3 IN	Hammond	585	0057		96.9	MN	Grand Rapids,	140
0338 WMIL 10	06.1 WI	Waukesha, k	495					r. "K double N S"	_
0356 W2777	95•9 IL	Aurora-Napervili Milwaukee, r	le,el 550	0121	WBWA	105.9	WI	Washburn, j	280
0530 WVCY 10	07.7 WI	Milwaukee, g	510	7/26 2121		07.3	T.A	New Orleans, "Q-93"	1225
1037 WELO 10	05.3 WI	Antigo	385						1225
1820 KGRS 10	07.3 IA	Burlington, r	560	2127	WAJY	101.9	LA	New Orleans, el	
1921 WSJY 10	07.3 WI	Fort Atkinson	475	2133	WCKW	92.3	LA	Laplace	1210
7/24 Es	03 1 MP	Down land	7.700	2137	WYLD	98.5	LA	New Orleans	1225
TON WHUX	フノ・エ 門丘	Portland,	1300	C140	WHER	T02"	MS	Hattiesburg, el	1145

r. "Magic-93"

ID-WMOU-AM & "FM-104"

1706 ???? 103.7 NH Berlin,

1751 WKCG 101.3 ME Augusta 1811 WORK 107.1 VT Barre

1816 GJBX 92.7 ON London,

"BX-93 Country" 2230 WHIL 91.3 AL Mobile 1210 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 contimental US completed. Hope to see a little tropo develop in August.

1310

2149 WBLE 95.9 MS Batesville, el

1st in Reggae"

2159 WTUL 91.5 LA New Orleans,

1240 2158 WWNO 89.9 LA New Orleans

1185 2204 WOST 92.5 MS Forest 805 2205 WOWF 88.1 FL Pensacola, j

+++++ David J. Nieman - 12284 Nice Rd. - Akron, NY 14001 *ID on tape; New underlined

7/6 tr	17/14 Es
0106 CJFI 99.9 ON Sarnia, r, o/CKFM 19	5 0017 KMSI* 93.3 MO Kansas City, 870
7/8 Es	r, ex-KWKI
1350 KNTU 88.1 TX Denton, j 117	5 0050 KAYE* 90.7 OK Tonkawa, r 1075
	0 <u>7/14 tr</u>
1405 KOXE*101.5 TX Brownwood, M nx 137	0 0949 WBUR* 90.9 MA Boston, c 375
1410 KKAJ 95.7 OK Ardmore, k, o/WEBF 114	5 1028 WHOM* 94.9 NH Mount Washington, m 355
1415 KGNZ 88.1 TX Abilene, g 135	0 <u>7/15 tr</u>
7/9 Es	0924 CKCU* 93.1 ON Ottawa, pc 205
2100 WAFG 90.3 FL Ft. Lauderdale, g 116	0 7/18 Es
2003 VOCM* 97.5 NF St. John's, kr, VO-\$145	1900-1930 97.3 MUF non-ID's from KS & NE
2107 TROW 05 5 TA Signer City 14	0 0900 WKKW*106.5 WV Clarksburg, WYRK off 275
2120 KEXL*106.7 NE Norfolk, r 95	0/0900 WARN 100.5 WV Clarksburg, WIRK 011275
2123 KBRX*102.9 NE O'Neill, k 100	0 0900 WHAD 90.7 WI Delafield, c 480
2145 KAUR* 89.1 SD Sioux Falls, pr 88	5/7/21 +n
2159 KESD* 88.3 SD Brookings, c 88	5 0859 WBLV* 90.3 MI Twin Lake, c 380
2201 KRSW* 91.7 MN Worthington, prev-Au83	5 7/22 Rs
2208 KEZJ* 95.7 ID Twin Falls, o/WEBF 177	5 0852 ZBM 89.1 BM Hamilton, r 1000
7/13 tr	7/23 Es
0827 WKJC*103.9 MI Tawas City, k 25	5 1251 KSBJ* 88.1 TX Humble, g 1270
0847 CJOM*104.3 ON Sault Ste. Marie, 37	5 7/25 tr
r, "Q-104"	0106 KVNO 90.7 NE Omaha, j 890
	5 0120 KUNI 90.9 IA Cedar Falls, pr 680
7/13 Es	7/26 Es
OOOO KCME* 88.1 CO Manitou Springs, c 138	
	011401 WRMB 89.3 FL Boynton Beach, g 1175
Best o	f DX, Dave

+ + + + + +

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

				<u> </u>	/ 46110			
	a /ı	+=	2120	₩TO	102-7	wv	Charleston, m, ID	260
	炔			WLVE	04.0	WT	Baraboo-Madison, m	280
	(//2	#	3008	WYT.D	96.9	TT.	Moline, r, local ad	260
	<u>77°</u>	<u>tr</u>	2012	WANT	100.7	WT	Racine, r, local ad, o/WYEZ	170
			2015	PHINT	100.0	TA	Cedar Falls, sj, ID	375
							Muscatine, r, local ad	290
			20E0	WOL	77.6	TT	Rockford, r, call letters	210
			2050	LOVE	3/10	WT	Madison, g, station promo	240
					102.5	TA	Sioux Center, ID, sign off 0005	565
	- 10		2229	KDCR	00.7	TA	Waterloo, d, ID	370
	<u>7/9</u>	<u>tr</u>	0000	KDDG KC IN	00.1	TW	the Davi a sign off	470
					91.1	MM	St. Paul, c, sign off	455
			0100	WCAL	09.7	MA TT	Northfield, sign off	128
					00.7	77	Chicago, j, ID, excellent signal, 10 watts	420
			0627	WHWC	00.2	MI	Menomonie, local weather	350
		_	0629	WLSU	00.9	MT	La Crosse, ID	805
	7/17	<u> </u>	1940	WSCL	92.1	ME	Augusta, k, call letters, "whistle"	655
			2001	WEZF	92.9	VT	Burlington, m, call letters	860
			2018	WHCF	88.5	ME	Bangor, g, call letters	
	<u>7/18</u>	<u>tr</u>	1628	WLFQ	103.9	IN	Crawfordsville, m, ID, o/local WXKE	93
			_				ng the greater Lafayette area."	1240
	7/24	<u>Es</u>	1928	KOB			Albuquerque, r, call letters	
			1930	KRST			Albuquerque, k, ID	1240
				KFIM			El Paso, call letters	1325
			2100	KTEP	88.5	ТX	El Paso, j, program promo	1325
	7/25	tr	0020	KXCV	90.5	MO	Maryville, r, program promo, call letters	495
			0055	KEZT	104.1	IA	Ames, m, call letters	440
							Dubuque, r, call letters	280
			0146	WKQA	104.9	IL	Pekin, r, call letters	225
			2005	KDCR	88.5	IA	Sioux Center, g, ID	565
			2220	KIOS	91.5	NE	Omaha, c, ID	545
			2300	KIWR	89.7	ΙA	Council Bluffs, c, ID	540
			2310	KXJX	103.3	IA	Pella, k, call letters, ex-KPLL	390
			2316	KYNN	94.1	NE	Omaha, k, call letters and local weather	545
	7/26	tr	0018	WPOK	103.1	ΙL	Pontiac, m, call letters	170
	11	Es	2006	WHRS	90.7	FL	Boynton Beach, fund raising	1075
			2009	WWLV	94.5	FL	Daytona Beach, local weather	865
			2037	KCCY	97.9	CO	Pueblo, k, call letters	1025
			2037	KRAZ	96.9	NM	Farmington, k, call letters Farmington, r, local ad, mono,	1240
			2039	KRWN	t 92.9	NM	Farmington, r. local ad, mono,	1240
			(This	is n	uzzlin	æ b	ecause last summer this station was in \$ wit	h "m")
			2048	KROY	98.9	CO	Pueblo, r, local ad, call letters	1025
			2055	KTLO	93.9	CO	Colorado Springs, r,	1025
			//		,,,,		"Check out the Kilo Concertline"	
			2056	KKXK	94.1	CO	Montrose, local weather and call letters	1175
				KXRC			Craig, ID, (Solves last month's mystery)	1140
							Greely, ID	1000
							Denver, m, local ad and call letters	1030
			2115	KMOD	02.0	NE	Scottsbluff-Gering, local ad and weather	930
				KYNE	90.0	CO	Pueblo, m, local weather	1025
							Colorado Springs, k, "KCS"	1025
							Manitou Springs, call letters	1030
				KEPC	00 5	: 00	Colorado Springs, s, call letters	1025
			2204	VINE	90.5		Lamar, r, local news and call letters	935
			2200	VIDE T	97.7	, UU	Dodge City, k, local news and call letters	
				KTTL	77.7	NG CVI	Duntt b local DSA mentioning Proft	740
			2429	KWLS	77.1	. NO	Pratt, k, local PSA mentioning Pratt new loggings. One interesting thing I've no	
10	TUEL.	goo	מ אל	month	with .	21	con is that distances tend to be at the maxi	mum
	ut E-	BK1	p ope	nings	TILS	588	son is that distances tend to be at the maxi	hat
42	ing t	ne .	iirst	; iew	minute	5 0	of the opening, after which they become somew	tances
40	rter	and	sigr	als t	ena to	. 56	steadier. Near the end of the opening, dis	g and
ď	Snor	ter	and	signa	tts are	: ve	ry erracte. Thanks to we person in a remain	at the

And abo du are shorter and signals are very erratic. Thanks to R. Strobel informing me about some of these openings. Hope everyone had a good time at the 73s, Bob convention.

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MORTHERN FM DX

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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
                                            6/12 tr
2332 WLTY 95.7 VA Norfolk, old r. ex-WKEZ
                                            2330 KANU 91.5 KS Lawrence, ID
2310 WVBF 105.8 MA Framingham, r
5/13 tr
1951 WRRB 107.9 NY Syracuse, k
                                            6/16 Es
                                            2005 WCPC 93.3 MS Houston, wx. ID
5/15 Es
1954 WINZ 94.9 FL Miami Beach, r, "I-95"
                                            6/26 Es
                                            1150 KMBO 93.7 LA Shreveport, r. "Q"
1954 unIDs 92.1 ?? ?
                                            1155 KYKX 105.7 TX Longview, ads. ID
5/31 Es
1245 Tentatives on Tampa 93.3, 94.9, &
                                            1200 KHPA 104.9 AR Hope-Prescott, r
                                            1219 KLAZ 98.5 AR Little Rock, r
          104.7 Out by 1300.
                                            1230 KCYN 103.9 AR Pocahontas, promo, m
                                            1300 WSSR 91.9 IL Springfield, ID
1838 KWKI 93.3 MO Kansas City, r,
                                            1308 WIBI 91.1 IL Carlinville, ending nx,
                    "The New 93-Rock"
                                                                community calendar
1846 KNDY 103.1 KS Marysville, wx promo
which includes mentioning the 92.1 x-lator 0200 WRYH 105.5 NY Patterson, m, ID; Local
1852 KYNN 94.1 NE Omaha, ID
                                            WDHA 105.5 announcing reduced power
1902 KKRL 93.7 IA Carroll, legal ID
                                            (sounded, literally, like 10 watts),
1906 KCMQ 96.7 MO Columbia
                                            allowing WRVH to be heard. WZTA PA & WQCN
1910 KVIL 103.7 TX Dallas, ID
                                            CT actually stronger on the channel than
1914 KMAZ 92.9 NE Beatrice, k,
                                            either WRVH or WDHA for that matter.
                   ID in promo
                                            7/5 tr
0112 WRLX 106.5 MD Baltimore,
1928 KBBG 88.1 IA Waterloo, s
1930 KNTU 88.1 TX Denton, "FM-88,"
News 88 Report
                                                                "Relax." ex-WMAR
                                            0202 WRIU 90.3 RI Lincoln. s/off
                                            7/11 Es
2003 WTCO 92.7 IL Arlington Heights,
                                            1952 KDLO 96.9 SD Watertown, ID
                   k, ID
2007 KTTN 92.1 MO Trenton, ID
                                            1954 KCLD 104.7 MN St. Cloud, r
2019 KRVR 106.5 IA Davenport, "K-River"
                                            1956 KRRK 103.9 MN East Grand Forks,
2020 WCSJt104.7 IL Morris, Morris ads
                                                                "K-double R-K"
                                            2000 CKWG 103.1 MB Winnipeg, k
1838 KQDS 94.9 MN Duluth, r. ads, ex-KAOH 2034 WIMI 99.7 MI Ironwood, r
1853 KNNSt 96.9 MN Grand Rapids,
                                            2039 WMKC 102.9 MI St. Ignace. ID
                   local ads, ex-96.7
                                            2049 WACT 92.1 IL Freeport.
                                                                ID in jumble of signals
1907 CITI 92.1 MB Winnipeg, r, "City"
1908 CHMMt 97.5 MB Winnipeg, Winnipeg news 2104 WRLO 105.3 WI Antigo-Crandon,
         items. local WPST too much.
                                                                ID after news. m
6/11 GW
                                            2106 WJMT 93.5 WI Merrill, ending nx, m
0730 WKDU 91.7 PA Philadelphia, Noted
                                            2114 WLOL 99.5 MN Minneapolis, r.
                                            All over local WBAI for 8 minutes.
mentioning a 5 fold increase in power
(which would make it about 500 w.) and a
                                            2122 WCCO 102.9 MN Minneapolis, promo
45 mile range but not much better here.
                                            2125 KJJOt104.1 MN St. Louis Park.
6/12 tr
2230 Most Norfolk stations in strong.
                                            Call sounded like KJJL instead of KJJO.
                                            2129 KBRF 103.3 MN Fergus Falls. KBRF-FM
2245 WNCT 107.9 NC Greenville, m, When did
                                                  ID, r, tough w/local WPRB-103.3
this one move from 107.7? Definately on
                                            2130 KQICt102.5 MN Willmar.
                                                               ads, "Q-102" ID
107.9 taking out WFSI/WDJF.
2307 WEXM 107.5 VA Exmore, ending Orioles 2149 KQAA 94.9 SD Aberdeen, r,
baseball, then s/off. Easily o/local WBLS.
                                                               legal ID, "KQ-95"
Will save the rest 'til next time, including the 7/13 opening which started around
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Gord Lansdell - 156 West 18th Street - North Vancouver, BC V7M 1W4 Equipment: Toshiba SA-850 Revr. 10-elem. Yagi, rotator, coax feed.

2330 and ran until 0100 for the latest FM skip ever heard here.

	,	•
7/5 tr (1981)	9/11 tr (1981)	
1300 KDUX 104.7 WA Aberdeen, r\$	180 1300 KPDQ 93.7 OR Portland, g\$	325
8/13 Es	1330 KQFM 100.3 OR Portland, r\$	325
2045 KMXU 105.1 UT Manti, mk	850 <u>7/11 Es</u> (1982)	
2107 KRLT 100.1 CA So. Lake Tahoe, rm\$		
8/20 tr	2115 KPFK 90.7 CA Los Angeles, 1	t\$ 1300
2200 KAOS 89.3 WA Olympia, pj	190 7/18 tr	
2230 KUGS 89.3 WA Bellingham, cr	60 2300 KSKD 105.1 OR Salem, r\$	370

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 BAAT. KUGS is 10. My best DX is KXLU, Los Angeles 2900 v. HAAT 10. I have confirmation letters for KMXU, KRLT, 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

Bob Seybold - Bennett Rd. - Dunkirk, NY 14048

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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, WYNF 94.9 Tampa. 5/16 Es WBRH 90.3 Baton Rouge, LA.

6/6 Es KYLU 91.3 Beaumont, TX, KUHF 88.7 Houston, KTXT 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 WQCS 88.3 Ft. Pierce, FL, WWNO 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, WTUN 100.1 Selma, AL, KYKS 105.1 Lufkin, TX, KTIZ 96.9 Alexandria, LA and others unided. More on next report.

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 2017 WKOA 100.3 KY Hopkinsville 6/14 Es	870
6/7 Es	1205 unid 105.1 MUF	
1622 WDOQ 101.9 FL Daytona Beach	1150 6/15 Es	
1623 WKTM 102.5 SC Charleston	880 1941 WPLQ 101.5 GA Brunswick	1025
1738 WOKI 100.3 TN Oak Ridge	795 1950 WRKT 104.1 FL Cocoa Beach	1190
WZXR 102.7 TN Memphis	1070 2007 WZXI 101.9 NC Gastonia	765
to WDMS 100.7 MS Greenville	1170 6/26 Es (At Niagara Falls, ON)	
WASL 100.1 TN Dyersburg	995 1246 unIDs 91.1 MUF	
1852 WYCQ 102.9 TN Shelbyville	935 1259 WTSU 89.9 AL Troy	855
1900 WKYU 88.9 KY Bowling Green	830 6/28 tr (At Cornwall, ON)	
2008 WJDQ 101.3 MS Meridian	1150 0001 WNBX 103.7 NH Keene	190
2009 KWAM 101.1 TN Memphis	1070 73es til next time, Bill	
		

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

7/2 Es				7/11	Es		
1323 WMMK	92.1	FL.	Destin, k	2100	KRIT	96.9 IA	Clarion
1420 WDDQt	92.1	GA	Adel	2100	KCFH	97.1 MO	Florissant
7/6 tr -							Sioux City, r
2155 WKHI	99•9	MD	Ocean City, r	2108	KBCM	95.5 IA	Sioux City, k
2225 WQHQ]	104.7	MD	Ocean City-Salisbury	2120	KIOV	104.7 SD	Sioux Falls, k
			Princess Anne, g, AP			97.3 SD	Sioux Falls, r
	1.00	NJ	Manahawkin	7/13	Es		
<u>7/11 Es</u>							Crookston, "Kicker"
1936 <u>KS</u> JR	90.1	MN				97.9 ND	
		MN	Public Radio	2310	KDLO	96.9 SD	Watertown, k
1940 WCMP	92.1	MN	Pine City, k Brule, WI Public Radio	2320	MCOM	97.1 WI	Sparta, k
1943 WHSA	89.9	WI	Brule, WI Public Radio	2324	KTCR	97.1 MN	Minneapolis
1950 WKKQ	93•9	MN	Hibbing, k	2345	KSEZ	97.9 IA	Sioux City, r
SOOO MIMI	99.7	ΜI	Ironwood, r, The Source	<u>7/14</u>	Es		
2005 KQWB	98.7	MN				103.3 IA	Pella
<uzu kwax<="" td=""><td>99-9</td><td>MN</td><td>Moorhead, k. "K-100"</td><td>7/20</td><td>Es</td><td></td><td>m to Domina PR</td></uzu>	99-9	MN	Moorhead, k. "K-100"	7/20	Es		m to Domina PR
2025 KBRF	L03.3	MN	Fergus Falls, r	2115	unID	97.5 ??	Twins-prewers bb
2020 KTOF]	LO4.5	IA	Fergus Falls, r Cedar Rapids	7/21	Es		not tother "Kicker"
-070 VEW#	97.9	ND	rargo. g	2010	$v_{I}v_{I}$	93.5 TX	Port Arthur, Richard
2005 KTTZ 1	107.5	MN	Brainerd, r, The Source Fairmont	7/24	ES	02 1 MB	Winnings "City-FM"
2050 KIMO	106.5	MN	Fairmont Middleton-Madison	1046	CHIO	AC*T ND	Winnines. "0-94"
WWOM .	100.3	ΜŢ	Middleton-Madison	1910	CUIT	JT. J ND	51

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NORTHERN FM DX

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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 lev-
                          el. *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)
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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 WDZQ* 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 WRMJ*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. Oll7 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 0053 WDSD 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 KBBG 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 KEMD 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 KXCV* 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 E8 0135 KIXS 93.3 TX Killeen 0016 KJHK 90.7 KS Lawrence 0031 KEBC 94.7 OK Oklahoma City 0140 KFAN 101.1 TX Fredericksburg 0047 KSSN 95.7 AR Little Rock 0149 KVIL 103.7 TX Dallas, local ad for "BRAMS" 7/14 tr 1017 WAMC 90.3 NY Albany 0159 KWJS 94.9 TX Arlington 1028 WHOM 94.9 NH Mt. Washington 95.7 OK Ardmore 0206 KKAJ 7/21 Es 0214 KVRP 95.5 TX Haskell 1958 WOWF 88.1 FL Pensacola 7/10 Es 0925 WFYN 92.5 FL Key West 90.3 TX Corpus Christi 1959 KKED 89.9 LA New Orleans 7/11 Es 1938 VOCM 97.5 NF St. John's, "VO-\$" 2002 WWN0 2003 KSRR 96.5 TX Houston 2012 WNOE 101.1 LA New Orleans 2012 CFOZ 100.3 NF Argentia. "OZ Network" 2014 WBYU 95.7 LA New Orleans 2104 KROA 95.7 NE Grand Island 2016 KYND 92.5 TX Pasadena 2109 KNEN 94.7 NE Norfolk, 24 hr. \$ ID 2019 WAIL 105.3 LA Slidell 2111 KPAT 97.3 SD Sioux Falls, "FM-97" ID 2118 WCKX 95.7 FL Clearwater, 2113 KBRX 102.9 NE O'Neill "Kicks-96" 2117 KEZQ 100.3 AR Jacksonville, "FM-100" 2125 KLOL 101.1 TX Houston 2128 KELO 92.5 SD Sioux Falls 2137 KZOM 104.5 TX Orange 2129 KWOA 95.1 MN Worthington. 2139 KQUE 102.9 TX Houston "Serving the Tri-State Area" 2152 KFMK 97.9 TX Houston 96.5 SD Sioux Falls 92.1 MS Starkville 2156 WKOR 2159 KESD 88.3 SD Brookings 2159 KTSU 90.9 TX Houston 2201 KRSW 91.7 MN Worthington 2159 KPFT 90.1 TX Houston 2208 KEZJ 95.7 ID Twin Falls, 99.1 LA New Iberia 2203 KDEA "Music Country" 2204 KTDY 99.9 LA Lafayette 7/12 Es 2346 KBUF 97.3 KS Garden City 98.1 LA Baton Rouge 2213 WAFB 2244 WLIN 95.5 MS Jackson 7/13 Es 90.7 NE Omaha 2250 WOST 92.5 MS Forest Got a new province this time around. I'm very pleased with the VOCM-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 trops 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 Hopefully, more next month. + + + + + +

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 0955 WRVM 102.7 WI Suring, g, nx 219 1005 WIXX 101.1 WI Green Bay, r 222 7/17 tr 2014 KNWC 96.5 SD Sioux Falls, g 217 1015 WIMI 99.7 MI Ironwood, MoR, ads 276 128 1024 KIWI 105.3 IA Dubuque, ads 145 2018 KDOM 94.3 MN Windom, g 217 7/24 tr 2023 KIOV 104.7 SD Sioux Falls, k 175 184 1810 KRNA 93.9 IA Iowa City, r 2028 KQAD 100.9 MN Luverne, 1840 KKEZ 94.5 IA Ft. Dodge, ads, r 128 r, ID, sports nx

July FM-DXing has seen to be in a worse position as it was last month. Only one Eskip opening occured 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 KLSX on 90.7. This will be on around Christmas 1982. Format will be similar to KLSE 91.7 in Rushford, 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 73 Ronald in 30.

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So far, this summer has been very good for FM E-skip. The Es on 7/11 was one of the most intense I've ever witnessed. Every FM frequency was occupied by skip signals up through 107.9, except for frequencies occupied by a local station that night. I didn't have a lot of luck in catching ID's though.

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6/29 tr
1318 WZKZt106.1 NY Corning, r, WWSH off
                                                2200 KCND 90.5 ND Bismarck, j, ID
7/2 Es
1706 WIPRt 91.3 PR San Juan, SS, cm
                                                2228 MUF off FM
1706 WIPRt 91.3 PR San Juan, SS, cm 7/13 Es
1708 WRTUT 89.7 PR San Juan, SS, ment. PR 2304 CITI 92.1 MB Winnipeg, rp
7/5 tr
2230 WSFL 106,5 NC Bridgeton, r, strong
                                                2322 KYCK 97.1 MN Crookston, k
                                                2335 KYYY 92.9 ND Bismarck
 2245 WNCT 107.9 NC Greenville, m, ID, bad
                                                2340 KDSU 91.9 ND Fargo, j, ID, 100kw
 transmitter tuning?, or did they receive
                                                2344 KQAA 94.9 SD Aberdeen, r
 authorization to change from 107.7.
                                                2359 KESD 88.3 SD Brookings, c
2250 WKJA 92.1 NC Belhaven, rk, ID 2310 WHOV 88.3 VA Hampton, sj
                                                2359 KMSU 89.7 MN Mankato, ID. r
                                                7/14 Es
2321 unID 97.7 ?? g, "Up there in Norfolk 0003 KUSD 89.7 SD Vermillion, c, ID w/KESD & Richmond" heard. NC ad, WDJB Windsor, NC 0012 KBEG 88.1 IA Waterloo, s
2327 WAZZ 101.9 NC New Bern, k
                                                0032 KMAZ 92.9 NE Beatrice, k
2331 WKTC 104.3 NC Tarboro, k, "KT-Country" 0115 MUF off FM
7/6 tr
 0359 WKNC 88.1 NC Raleigh, s, ID
                                                2025 WSBH 95.3 NY Southampton, r, I called
0415 WSOX 94.9 MA West Yarmouth. m
                                                after they recvd. a call from Bridgeton, NJ
0420 WRVQ 94.5 VA Richmond, r
                                                2200 WLNG 92.1 NY Sag Harbor, s/off.
0910 WJLC 97.5 VA South Boston, r, ad
                                                Maybe WLNG personnel exit to DX?
0914 WYYD 96.1 NC Raleigh, m, ID
                                                2029 WCRH 90.5 MD Williamsport, g
0916 WRAL 101.5 NC Raleigh, r
                                                2130 WWMD 104.7 MD Hagerstown, m
                                               7/15 tr
0913 WAAL 99.1 NY Binghamton, rp, ID
0918 WEZS 103.7 VA Richmond. m
0918 WSBH 95.3 NY Southampton, r
0931 WRVL 88.3 VA Lynchburg, g, ID 0942 WODE 94.7 NC Raleigh, rp, ID
                                                0915 WEIV 103.7 NY Ithaca, g
                                                0930 WHCU 97.3 NY Ithaca, cm, ID
0946 WDCG 105.1 NC Durham, r, wx, "G-105"
                                               0932 WKSB 102.7 PA Williamsport. r
1000 WUNC 91.5 NC Chapel Hill, c. ID
                                                7/18 Es
2250 WDNH 95.3 PA Honesdale, rm
                                                1708 unID 89.7 FL Suspect WMCU
7/7 tr
1135 WPNT 92.9 PA Pittsburgh, m
                                                Brief Es burst on 89.7 'til 2155.
                                                7/19 tr
1940 WBUF 92.9 NY Buffalo
7/8 tr
0958 WBUF 92.9 NY Buffalo, r
                                                7/20 Es
1735 CBNM 90.3 NF Marystown, CBC
7/9 tr
1032 WPNT 92.9 PA Pittsburgh
                                                1819 CKPE 94.9 NS Sydney, k
                                                1825 unID 88.1 //88.7 //95.9 FF
0800 WQLNt 91.3 PA Erie, gs
                                                1840 CKOZ 92.3 NF Corner Brook, rp, "OZ"
                                               1843 CKUMt 97.7 NS Kentville, c
1851 CIOS 98.5 NF Stephenville, rp, "OZ"
1900 CBI 105.9 NS Sydney, c, ID
1916 CHLQ 93.1 PE Charlottetown, k, traf-
7/11 Es (Super MUF 107.9+)
1933 CITI 92.1 MB Winnipeg, rp
1943 CHMM 97.5 MB Winnipeg, rk, wx
1945 unIDs 94.3 rp, 98.3 c, 99.1 n, 103.1
mr. presumably all Winnipeg.
                                                fic report-PEI & Cape Tormentine, NB,
1945 KKXL 92.9 ND Grand Forks, r, "XL-93"
                                               2000 CBAFt 88.1 PE Charlottetown, CBAF ID
1947 KYCK 97.1 MN Crookston, k, ID
                                               2048 MUF off FM
1955 unID 89.3 ?? CBC, FF //88.1
                                               7/21 Es
2005 KWJS 94.9 TX Arlington, g
2003 unID 90.5 ?? CBC, EE, wx, Kenora
2004 unIDs 92.3 k, 104.9 c, 97.3 FF
                                                2006 KEGL 97.1 TX Ft. Worth, r, "K-Eagle"
2034 KYYY 92.9 ND Bismarck, r, ad, "Y-93" 2059 WTRO 92.1 MN Little Falls, mk, ID
                                               2011 KIPR 95.5 TX Diboll, ID, "Kipper," k
                                               2015 KRRY 100.3 LA Alexandria, k
2110 KBRF 103.3 MN Fergus Falls, r, ID
                                               2200 unIDs 97.9 rp, 96.3 k, Dallas-Ft. W?
2115 KYTN 94.7 ND Grand Forks, ad, "Y-95" 2257 MUF off FM
2118 WAQE 97.7 WI Rice Lake, r. ID
                                               7/22 Es
2248 CBNM 90.3 NF Marystown, c
2120 KCLD 104.7 MN St. Cloud, r, ID
2120 WJJY 106.7 MN Brainerd, mk, ID
2121 WAPL 105.7 WI Appleton, ad
                                               1811 CBNM 90.3 NF Marystown, k
2125 KQAA 94.9 SD Aberdeen, r, "KQ-95"
                                               7/27 tr
2330 WKYZ 105.5 MD Salisbury, m, ID
2130 KKWS 105.9 MN Waderia, r, ad, "K-106"
2131 KVOX 99.9 MN Moorhead, ad, "K-100"
                                               7/28 tr
                                               0035 WICO 94.3 MD Salisbury, k, ad
2131 WCTS 100.3 MN Minneapolis, g
2131 KFNWt 97.9 ND Fargo, g
                                               7/28 As
2140 KQWB 98.7 MN Moorhead, r, ad, "Q-98" 1711 WINC 92.5 VA Winchester, r, WIFI off
2200 KBEM 88.5 MN Minneapolis, p
                                               1906 WMJQ 92.5 NY Rochester, rp
```

7/29 tr 2354 WBUF 92.9 NY Buffalo, r 7/30 tr
+++++

Patrick Durkin, Jr. - 1940 Oakdale Ave. #305 - West St. Paul, MN 55118 Equipment: Pioneer SX-850 or GE Superadio. Dipole antennas at 35 ft.

Dan Oetting cont'd:

		10/01	70_				
7/6 tr	270	7/21	265 उद्धरण	01.5	191	Tallahassee	1110
0030 WMIL 106.1 WI Waukesha, k\$						Ft. Pierce	1390
	120	1025	HVNT	94.9	TT.	Towns	1300
7/9 tr						Miami Beach r\$	1500
0047 WXLP 96.9 IL Moline, r\$	JT 200	2010	MTM2	94.9	- 14 14 - 14	MINE DEACH IN	
0052 KLYV*105.3 IA Dubuque, \$, ex-KIV	1 200	CMOST	CIST	ant s	TEC.	Clarentes to da	1295
0100 WHBF 98.9 IL Rock Island, r\$	265	2020	WUXPI	97.9	FL	Clearwater	1295
O100 WAAG 94.9 IL Galesburg, k%	300	2029	WMGG	95.7	FL	Clearwater	
Olos WBBM 96.3 IL Chicago, rs	340	2034	AKEG	104.7	FL	Tampa	1300
0125 WLUP 97.9 IL Chicago, rp\$	340	2047	MDUA	103.3	FL	Bradenton	1330
(Other Chicago FM's were in, but		2050	WSRZ	102.5	FL	Sarasota	1340
Oloo WARG 94-9 IL Galesburg, k\$ Olos WBEM 96-3 IL Chicago, r\$ Ol25 WLUP 97-9 IL Chicago, rp\$ (Other Chicago FM's were in, but could get no ID's on them).		2100	WKES	101.5	FL	St. Petersburg	1315
7/11 18		12100	WEDK	10/02	ъъ	pr. Lefelpnnig	1315
1854 WMGX 93.1 ME Portland				90.7	FL	Panama City	1095
1858 WJBQ 97.9 ME Portland		7/24				_	_
1916 WSOX 94.9 MA West Yarmouth						Oelwein, k\$	160
1923 WPJB 105.1 RI Providence	1095	1200	KTOF	104.5	IA	Cedar Rapids, g\$	215
1924 WCOD 106.1 MA Hyannis	1160	1322	KRIT	96.9	IA	Clarion	150
1926 WAAF 107.3 MA Worcester	1075	1329	KDMI	97.3	IA	Des Moines	225
1952 WING 92.1 NY Sag Harbor	1080	1344	KXJX	103.3	IA	Pella, r\$	235
2007 WFUV 90.7 NY New York	1000	1346	KRNQ	102.5	IA	Des Moines, r\$	225
2008 WOSU 88.9 PA Selinsgrove	860	1359	KMGO	98.7	IA	Centerville, k#	285
2014 WPAT 93.1 NJ Paterson	985	1415	KRVR	106.5	IA	Davenport, m\$	255
1924 WCOD 106.1 MA Hyannis 1926 WAAF 107.3 MA Worcester 1952 WLNG 92.1 NY Sag Harbor 2007 WFUV 90.7 NY New York 2008 WQSU 88.9 PA Selinsgrove 2014 WPAT 93.1 NJ Paterson 2016 WLEV 96.1 PA Easton 2018 KTRS 95.5 WY Casper 2024 WBLI 106.1 NY Patchogue 2028 WPLY 101.9 NY New York 2030 WBYO 107.5 PA Boyertown 2030 KRCS 93.1 SD Sturgis 2044 WVCD 97.9 PA Hazleton 2044 WMMR 93.3 PA Philadelphia 2127 KPKY 94.9 ID Pocatello 2130 KEZJ 95.7 ID Twin Falls 2138 KBLI 97.7 ID Blackfoot 2143 KMTW 96.5 ID Twin Falls 7/14 Es	945	1422	WISM	98.1	WI	Madison, r\$	220
2018 KTRS 95.5 WY Casper	665	1451	KNJY	97.7	IA	Clinton, m\$	245
2024 WRLT 106-1 NV Patchogue	1050	1521	WRWC	103.1	IL	Rockton	265
2028 WPTY 101.9 NY New York	1000	1525	WHAD	90.7	WI	Delafield. c\$	265
2030 WRYO 107.5 PA Rovertown	930	1529	WEZW	103.7	WI	Wauwatosa. m\$	275
2030 KPCS 93.1 SD Sturgis	520	1555	WTCM	103.5	MT	Traverse City	365
2044 Wyon Q7.Q PA Hasleton	905	2/24	Es	,-,			
2044 WMMP Q3.3 PA Philadelphia	970	1654	VIGY	105.9	ME	Bath, o\$	1145
2127 YDYY OL O TO Poce+ello	970	1659	CHOM	97.7	PΩ	Montreal, p\$	945
2127 KFRI 9769 ID TOCKCOLLO	1070	1-0//	En	olish.	Lo	cal ads	, , ,
2130 KEZO 97.7 ID IWIN FALLS	955	1000	KUAE	or o	Try.	Laredo, rt. ID	1250
23 by vamu of 5 to main Follo	1070	1013	WTAN	* 02.1	ηıγ	College Station.	1040
5742 VLLA 20*2 ID IAIU LOTTO	10/0	1+21	MILW	72.41		r\$, local ads	10.0
7/14 Es	850	1017	KUTC	05.1	'nΥ	Victoria	1135
0000 WBHM 90.3 AL Birmingham 0006 KIPR 95.5 TX Diboll 7/17 tr 1900 WOJB 88.9 WI Hayward, new 2008 KLGA 92.7 IA Algona	050	1018	KATA	7/•I	mv.	Commo Christi	1210
OOOD KIPR 95.5 TX DIDOIL	950	1023	RTUU	950	WA.	Harlingen, SS, \$	
7/17 tr	115	1321	VTMM	90.1	MV.	Can Antonia	1110
1900 WOJB 88.9 WI Hayward, new	117	1321	MIM	90.1	TA	San Antonio	1210
2008 KLGA 92.7 IA Algona	122	1920	VEYY	92.9	TA	Corpus Christi	1110
2351 WJNR 101.5 MI Iron Mountain, r	255	1927	KITY	92.9	TX	San Antonio	
<u>7/18 tr</u>		1732	THMI	104.5	NT	Monterrey, SS, \$,	1500
0205 KBHP 101.1 MN Bemidji, r,	205					Mexican ever	1000
local 101.3 KDWB off. "KB-10	T.,			105.3	TX	Seguin	1090
7/18 Es		7/25	tr				720
1859 KIOU 96.5 TX Corpus Christi	1210	2208	KXCV	90.5	MO	Maryville, ID	520
7/19 Es			l sta	tions		except the ones	
0705 WAFB 98.1 LA Baton Rouge	1040) [t	hat are starred)	+-
Well, I'm in Muncie now, but I hav	en't s	een m	uch D	x. I	rea	lly haven't had th	.me .o

Well, I'm in Muncie now, but I haven't seen much DX. I really haven't had time to look for it, though. I did pick up KSD-FM from St. Louis here last Thursday night (7/29), which is probably around 300 miles away.

The DX was plentiful in July, with many good Es and tropo openings. Best Es of the month was on 7/11 when I logged four Idaho stations (a rare state) and on 7/21 when skip from Florida brought in stations as far as 1500 miles away. Strongest Es was on 7/14, when skip was in at 12 midnight, and 7/19, when skip was in before 7 AM! I'm adding one more station to my West Allis log because I heard (but didn't mention in my June report) WORT 89.9 Madison. I had heard WORT on their old frequency

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

<u>1/31</u>					6/7	Es			
		105.5	NY	Patterson, EZL	1930	KSOZ	91.7	MO	Point Lookout, j
3/13	GW				1933	KAXE	91.7	MN	Grand Rapids
1530	WKRB	103.1	NY	Brooklyn, freq. change	6/8	Es			-
5/7	GW &	tr			1854	KAXE	91.7	MN	Grand Rapids
1500	WSIA	88.9	NY	Staten Island					Duluth
1615	WMSC	90.3	ŊJ	Upper Montclair.	1912	CITI	92.1	MB	Winnipeg, r
				Not still 10w?	6/12		-		
1745	Coast	tal NJ	tr	ops rolling up the coast			94.1	VA	Yorktown. "EZ-94"
1855	WRIO	102.3	NJ	Cape May	6/13		•		
1855	WNBR	100.7	ΝJ	Wildwood, call change			103.1	MD	Grasonville, k
1915	WKHI	99.9	MD	Ocean City, o/local					Richmond, r. "Q-94"
1930	WMGM	103.7	NJ	Atlantic City,					Norfolk, d, "Wowie-103"
				strongest ever					Norfolk, k
1940	WWTR	95.9	DE	Bethany Beach,	6/19				,
-				"96-Rock"			94.7	MA	Springfield, r
1948	WDSD	94.7	DE	Dover, best ever	6/22	tr	,		
2000	WGMD	92.7	DΕ	Rehoboth Beach,	2248	WEAN	102.3	CT	Stonington, r
				thru local	2254	WTYD	100.9	CT	New London, EZL
2323	WOLC	102.5	MD	Princess Anne, g	6/23		,		
5/8				. 5	0007	WIRS	104.9	CT	Middletown, nx
0031	WBEY	103.1	MD	Grasonville, k	0015	WLKW	101.5	RI	Providence, EZL
0125	WBJC	91.5	MD	Baltimore, j	6/26	Es			
0202	WGBH	89.7	MA	Boston	1145	KLVA	95.9	AR	Lake Village, k
				Vineland	1148	unID	95.9	33	? k, AR, LA or MS
5/18	tr								Pine Bluff
2358	WCOZ	94.5	MA	Boston					Magnolia, g
5/19	tr								Dallas
0000	WSRS	96.1	MA	Worcester	1216	KASU	91.9	ĀR	Jonesboro
				Bridgeton, s/off	1220	KLPO	94.1	AR	Little Rock, r, "Q-94"
0010	WAAF	107.3	MA	Worcester, local-like					Mountain View, k
0025	WORM	92.7	NJ	Toms River,	1229	unIDe	91.3.	94	.5, 101.5, & 103.1
				closest unheard	1239	WSIU	91.9	ΊĹ	Carbondale
0035	WEEL	103.3	MA	Boston			88.5		
5/23	GW.				1255	KSOZ	91.7		Point Lookout
2000	WARP	103.5	NY	Lake Success, call chg.	1306	KANU			Lawrence
	Es				7/2	Es	,,		
		91.7	IA	Iowa City, c, NPR		unID	94.5	22	r, 94.5 MUF
1900	WSUW	91.7	WI	Whitewater, T-40			738		
		• - •							- -

+ + + + + + Harry J. Hayes - 9 Henry Street - Wilkes-Barre, PA 18702 Equipment: Superadio-FM-4G antenna and CM amp. at 25 feet in Thornhurst, PA Zenith Trans Oceanic w/whip from Wilkes-Barre, PA

6/26 Es	7/6 tr
1125 KXKR 93.3 TX Port Arthur, ID	0401 WLTY 95.7 VA Norfolk, "Y-96"
1127 KAYD 97.5 TX Beaumont	7/11 Es
1133 KRLY 93.7 TX Houston, "Love-94"	1000 WESU 88.1 CT Middletown, black rel.
1200 KIPR 95.5 TX Diboll, "Kipper"	2149 KWYR 93.7 SD Winner
1211 KWTX 97.5 TX Waco	2200 KQAA 94.9 SD Aberdeen
1231 KPLX 99.5 TX Dallas	2205 KDLOt 96.9 SD Watertown
1238 KLUR 99.9 TX Wichita Falls	7/13 Au -
1247 KKAJ 95.7 OK Ardmore	2000-2030 Severe Au, Es to Ch. 4
1300 KWEY 97.3 OK Weatherford, k, ID	7/13 Es
7/2 Es	2330 KQAA 94.9 SD Aberdeen
2040 KKAJ 95.7 OK Ardmore	<u>7/14</u> Es
7/3 GW	0003 KKRLt 93.7 IA Carroll
	OOLO KSRD 96.9 IA Seward, ID
"The Apple," ex-WTFM adult for.	0035 KCFMt 97.1 MO Florissant
<u>7/4</u> <u>Bs</u>	7/16 GW
1906 CHOZ 93.9 NF St. John's, "R. Oz"	2149 WYST 92.3 MD Baltimore, ex-WLPL,
1909 VOCM 97.5 NF St. John's, "VO-\$," k	
I would classify 1982 as an OK Es season, m	such better than 1981 but a little short
of being what I call a good season. Skip i	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 constant-
ly, it's easy to miss many openings this ye	ear.

+ + + + + +

Dave Hascall 211 N. Merrill - Fortville, IN 46040

6/26 0020	ms unID	93.1	short burst so loud, it scared me! WNAP off			94.1 1 99.1 1		ckson st Lansi:	ng	
6/27	<u>tr</u>							Pleasa		
	WKKI	94.3	OH Celina, s/off	%59 7/11		88.9	TN NO.	tre Dame		
1225			?? "B-95" (KZZB Beaumont-RS)	0730	CFBC	98.9	NB Sa	int John	, \$	1065
			LA Lake Charles	8/1	Es	08 5	my wa	Allen, S	g "	
1231	KYKS	102.1	TX Lufkin-Nacagdoches TX Victoria, m, new calls?	1747	KTWV+	96.1	TY Ho	rlingen.	SS.	
1257	NOUN	90.7	TX Victoria, m, new caris. TX Commerce, \$, ID	1776	KCRT	88.1	TX HO	mble, g	~~	
7/9	tr	00.9	TA Commerce, *, ID	1750	unID	88.7	Cuba,	ss, \$,		
063 4	WAWK	93.3	IN Kendallville, nx	1				icanos,"	heard	
0638	WJFM	93.7	MI Grand Rapids, \$		((Time	is CD	r)		

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

	1m /n / .							
7/8 Es	7/26 tr							
	0037 KALA 88.5 IA Davenport, j, 100w 300							
1233 KKED 90.3 TX Corpus Christi, c\$ 1170								
1240 KBWC 91.1 TX Marshall, s\$, 130w 770	0317 KRNQ 102.5 IA Des Moines, r\$ 450							
DJ said, "In 1982, 100 watts plus, okay?"	0400 WCRH 90.5 MD Williamsport, 400							
1259 KSCS 96.3 TX Ft. Worth-Dallas, k 860	g\$, s/on							
7/9 tr	7/26 Es							
0145 WRWC 103.1 IL Rockton, m\$ 255	2100 KMOR 92.9 NE Scottsbluff, r\$ 1000							
7/11 Es	2105 KNEB 94.1 NE Scottsbluff, nx 1000							
2010 KYYY 92.9 ND Bismarck 900	2125 KSPZ 92.9 CO CO Springs, r\$ 1080							
2010 KITT 92.9 ND Blamarck 900	2125 KSPZ 92.9 CO CO Springs, r\$ 1080 2132 KRCC 91.5 CO CO Springs, J\$ 1080							
2024 KQDY 94.5 ND Bismarck 900	2138 KILO 93.9 CO CO Springs, rp\$ 1080							
2035 KPOX 92.5 MT Havre 1370								
2057 RAIN 90.5 HI Shelly, RV	12211 M210 7007 00 00 -F							
7/13 Au	1							
1900 KANU 91.5 KS Lawrence, prev. tr 540								
7/14 Au	0001 WVWV 103.1 IN Covington, s/off 150							
0100 KXCV 90.5 MO Maryville, prev. tr 525	WHUZ 103.1 s/off at 0000%							
7/16 Es	8/3 tr							
1453 KRVS 88.1 LA Lafayette, j\$ 830	0045 WWJR 97.7 WI Sheboygan, r\$ 280							
1604 KELT 94.5 TX Harlingen, nx, wx 1275	0117 WSBW 100.1 WI Sturgeon Bay, r\$ 340							
7/18 Es	0245 WCFX 95.3 MI Clare, r\$ 240							
1816 KBIL 92.9 TX San Angelo, r mono 1100								
	0000 WHSA 89.9 WI Brule, j\$ 550							
	0517 WSHN 100.1 MI Fremont, r\$, ads 220							
	0545 WRVM 102.7 WI Suring, g\$ 360							
	10/// 41:11 //01 112 11 012 110 110 110 111							
1855 KEZB 93.9 TX El Paso, el\$ 1360								
7/21 Es	0738 WDEZ 101.9 WI Wausau, k\$ 390							
	0800 WHRM 90.9 WI Wausau, ex-91.9 390							
	0838 WRHN 107.9 WI Rhinelander, m\$ 430							
2045 WBYU 95.7 LA New Orleans, el\$ 800	1700 WLDR 101.9 MI Traverse City, nx 310							
2050 KDEA 99.1 LA New Iberia, ads 840	2100 WOJB 88.9 WI Hayward, j\$ o/WSND 525							
	8/6 tr							
	0003 WORT 89.9 WI Madison, ex-89.7 290							
	0331 WAAQ 102.3 MI Big Rapids, r\$ 240							
7/24 Es	0527 WIFC 95.5 WI Wausau, r\$ 390							
1914 KEZB 93.9 TX El Paso, el\$ 1360								
1922 KOB 93.3 NM Albuquerque, r\$, ad1250	2120 WGBW 91.5 WI Green Bay, s\$ 325							
	2200 WAUN 92.7 WI Kewaunee, polkas 310							
1929 KFMX 94.5 TX Lubbock, ex-KLBK 1070	2245 WARC 96.7 WI Oshkosh, rp\$ 310							
	224) WARC 90.7 WI OBIROBIL IN							
1935 KFMG 107.9 NM Albuquerque, r\$ 1250								
2015 KTEP 88.5 TX El Paso, PSA 1360	12545 CBONE CO.I ON Sault Blee Marie							
7/25 tr	8/7 tr							
0048 KDWD 93.5 IA Burlington, r\$, 330								
Oloo s/off, local WZWZ off	non-stop jms, No talk; No ID on hr!							
2027 KIOS 91.5 NE Omaha, c\$ 575	I taped it all night with no ID. DRAT!							
2100 KDCR 88.5 IA Sioux Center. g\$ 600	(Too many relogs to mention now).							
Oloo s/off, local WZWZ off 2027 KIOS 91.5 NE Omaha, c\$ 575 2100 KDCE 88.5 IA Sioux Center, g\$ 600 Many thanks to Jerry Pulice for our conven	tion. It was nice meeting DXers I had							
Read as Dat Dunkin wisited as and hand-delivered his report. "" ""								
a nice visit. Please support Fred Nordout	a nice visit. Please support Fred Nordquist's column by reporting to him. 73,							
	7/							
* *	++++							

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.

Nost 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.

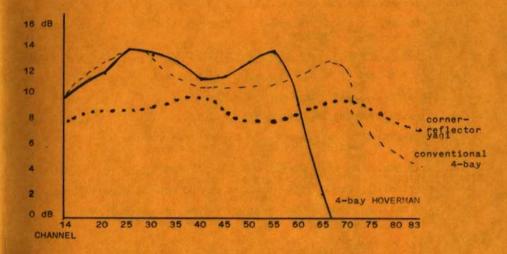
This approach to a 4-bay antenna results in higher average gain over the range of the mid ch 20's to the mid ch 50's, resulting in an antenna that is ideal for DXing the most active part of the UHF TV range, with higher gain-per-size than any other UHF antenna in that range. With dimensions of 30" x 30" x 6", it can easily fit into a small space. Also, it is very light, at less than 1% lbs. Thus, it's also easy to take with you on a trio, if you have the space.

The 4-bay Hoverman is made by the Antennacraft (actually, Winedard) 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 612 at RS at most of their outlets. Dealer price for the antenna from the Antennacraft factory should be less than 69-but availablity 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 chase 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 yaqi for general UHF TV DX puposes. 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!

NEXT MONTH in the V.U.D.

PAY-TV SIGNALS

HOW TO IDENTIFY THE SYSTEM BEING USED