

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

IT'S NEW ORLEANS IN 1985!...Longtime WTFDAer Ron LeBlanc was the sole bidder for WTFDA's 1985 convention. It's now official...Convention '85 will be held in the Greater New Orleans area. Many of you will remember the great job Ron did as convention host back in 1972; all indications are that 1985 will be a repeat performance. Upcoming VUD issues will be carrying further details. Make New Orleans your summer vacation destination in early August, and take in the 1985 WTFDA Convention while you're there!

CHECK YOUR RESOLUTION...No, not the resolution on the video monitor. Make it a New Year's resolution to help your favorite DX club, whether it be WTFDA or any other club. Most all DX clubs have publishing staffs which are in constant need of volunteers to help in all areas of club operations--WTFDA is no exception. Remember, volunteers keep WTFDA and the entire DXing hobby organized and running. If you can be of assistance, don't hesitate to drop us a line. We're also constantly seeking suggestions on how to improve club service, and we always welcome comments and criticism at the club HQ address at the top of the page. Resolve to help make 1985 another great year for your DX club--and you'll help your fellow DX enthusiasts too!

A WORD ABOUT DUES...Basic WTFDA club dues remain at \$15 per year for now, even though the U.S. postal rates will increase next month. A dues increase may be necessary late in 1985, but is not definite. For now, membership in WTFDA is a bigger bargain than before, so if you know anyone who might be interested in joining WTFDA, tell them about it!

CHECK THIS OUT...Surrey, B.C. member Dave Sinclair sends word of a very useful article in the December, 1984 issue of POPULAR MECHANICS titled "The Right Antenna." PM's coverage of this subject is made all the more interesting by recent electronics industry trends showing a possible revival of interest in conventional outdoor antennas, amid rising public disenchantment with cable TV in some areas.

THANKS, ROBERT...Those of you who listened to ABC Talkradio's DX special in December may have heard a plug for WTFDA. Thanks to Robert Goodman for this, and to those DXers mentioned in last month's VUD who were involved with the production of the show. It certainly was worth staying up for! We've been hearing from many prospective new members about it, and it was great to hear the DXing hobby given network radio exposure.

| | |
|--|----|
| MAILBOX: Logging procedure--the debate is not over yet..... | 3 |
| FCC FM NEWS: FM translators--an insider's view..... | 4 |
| TELEVISION NEWS: Shortened, due to typewriter breakdown..... | 12 |
| SOUTHERN FM-DX: Super long meteor burst observed in November..... | 13 |
| NORTHERN FM-DX: Great tropo reported from late September..... | 14 |
| WTFDA MEMBERSHIP LIST: No matter where we go, here we are..... | 17 |
| VHF UTILITY DX: Freq's for New England Power & Canada's O.P.P..... | 22 |
| ANARC UPDATE: Radio in Colombia and Ecuador..... | 24 |
| CCI(UNIDENTIFIED DX): It could have been Richmond, VA..... | 26 |
| PHOTO-NEWS: A look at Jim Pizzi's antenna farm..... | 27 |
| WESTERN TV-DX: Mild weather and tropo continued into fall..... | 28 |
| EASTERN TV-DX: Bill has a way to break the winter doldrums..... | 33 |

Front cover coverage map is from Tom Yingling (QSL CORNER editor).



MAILBOX

Alan Hyams
P.O. Box 130
City Island Sta.
Bronx, NY 10464

January, 1985

The debate over logging procedures is not over yet. Steve Sprachman, of Sunnyside, New York writes in:

"I'd like to add to Robert Goodman's comments in the Nov.'84 VUD... on this issue of the use of a 30 mile circle or a 50 mile triangle. Both of these two areas are too large. It may have been appropriate in the past when there were fewer stations. Today, a 50 mile move can place you in an area with a totally different set of stations. If I moved 50 miles from New York, one direction puts me in the coverage area of the Philadelphia stations. In another direction, I'd be watching the Connecticut stations. Even using the 30 mile circle of New York City, anywhere I move would change the conditions I DX under. The signal strength of the locals and semi-locals would change. Thus a move to another location may allow certain stations to be received that could not be received in my present location. For example, when I lived in Seaford, which is about 30 miles from Sunnyside, whenever there was Es even the locals were effected. Here, being two or three miles from the New York City transmitters, Es is nearly impossible on T.V.

The standard for whether a new log should be started, or the original be continued when one makes a move, should be based on conditions. If the conditions change, then a new log should be started. These would be major changes of signal strength for any local or semi-local stations, and an overall change in reception possibilities (ie. moving from a valley to the top of a hill). It would be very rare for any move of more than a few miles not to result in a change of conditions. Each DXer would have to decide on whether or not he needs to start a new log. Please remember, the only one you'll be cheating is yourself."

* * * * *

Now, as a club member, I'd like to bring up the matter of "season's greetings" in the VUD. I find nothing wrong or out of place about such comments in general, or even pictures of Santa Claus (a non-religious character for all practical purposes) as on the cover of the December VUD. General season's greetings apply to all. However, concerning the poem in the December Antenna News; within our club, there are people of all kinds of faiths, and indeed, some with none at all. A holiday greeting that specifies the tenets of one religion doesn't apply to all members, and may even offend some. While I appreciate the spirit in which Doug Dornbos' greeting was given, I don't believe that religion has such a place in the VUD. I invite Doug or anyone else to send in their comments.

Till next time, '73s

AL



FL Apopka WTLN-FM 95.3 G (from Y network)
FL Boynton Beach WRNB *89.5 G
FL St. Petersburg WKES *101.5 G (from U)
GA Cumming WVEC *91.5 G (not B)
GA Springfield WGEC 103.9 G (from M)
ID Twin Falls KCRF *90.7 G
IL Chicago WMBH-FM *90.1 G (not B)
IL East Moline WDLA-FM *89.3 G (not B)
IN Covington WFOF *90.3 G
IN Elkhart WFRN 104.7 G (from M)
IN Plainfield WXIR 98.3 G (not B)
KS Fort Scott KFTS 101.7 G (from M)
MD Princess Anne WOLC 102.5 G
MD Williamsport WCRH *90.5 G
MN Blue Earth KJLJ 100.9 G
MN International Falls KBHW *99.5 G
MN Ottertail KCGN 101.5 G
MN Pequot Lakes KTTG *100.1 G (from U)
MT Hairte KXEL 95.1 G
MT Kalispell KALS 97.1 G (reporter speculates main channel may be bg, but we cannot assume that, as Moody announced it will affiliate with stations regardless of format)
NE Omaha KGBI *100.7 G (not U)
NV Henderson KJLA 95.5 G (not B)
NM Albuquerque KJLJ *88.3 G
NY Beth WCIC 103.1 G
OH Cleveland WCRF *103.3 G (from U)
OH Holland WPOS 102.3 G (from S)
OH Mansfield WVMC *90.7 G
OH Mansfield WVEC 100.7 G (from U)
OH Upper Sandusky WYAN 95.9 G (from M; format change from 97.7)
OR Portland KPDC-FM 93.7 G
PA Du Bois WDBA 107.3 G (from S)
PA Jersey Shore WUSA-FM 93.5 G; on air, mono.
PA Lancaster WDAU 94.5 G (from U)
PA State College WTLR *89.3 G (from S)
PA Sweet Valley WWRM *88.1 G ("Moody list shows Hunlock Creek location")
SC Columbia WMMH *89.7 G (from U)
TN Bristol WHCB *91.5 G
TN Chattanooga WMBW *88.9 G (not B)
TX Dallas KVTU *91.7 G
TX Houston KHCB 105.7 G
TX Humble KHSB *88.1 G
TX Tyler KVNE *89.5 G
VA Fredericksburg WYJY *90.5 G
WA Edmonds KONS 105.3 G
WA Spokane KMBL-FM *107.9 G
WI Lancaster WUTY *88.1 G
WI Milwaukee WVVC 107.7 G (from U)

Slogans/NonIDs

AL Auburn WFBI 97.7 FM-97 (not L92)
AL Arab WGRD 92.7 SR-DR
AL Birmingham WENN 107.7 Wjn:FM
AL Cullman WKLI 92.1 K-82
AL Fayette WHKW 98.1 K-89
AL Haleyville WBB-FM 92.7 B-93 (not B93)
AL Jasper WWWW-FM 102.5 Big B Country
AL Talladega WHTB 92.7 B-93, so there are two AL B-93s on 92.7, watch it while DIXIE
AL Tuscaloosa WTUG 92.7 G-92 + a G91



K S M T 102 FM
CO Breckenridge KSMT 102.3 Summit (strict), no stereo (temporary, until some translators can be built by early '85 to help spread the signal around and cut down on multipath), r (softened under new owners)
CO Sterling KMXX 105.5 Max-FM (strict), r
FL Panama City WPAP 92.5 no nonID; claims 100,000 watts, instead of the listed power of 95,000 watts (licensee rounding-off)
IL Chicago WLS-FM 94.7 no nonID (Rock-93)
LA New Orleans WRNO-FM 99.5 FM-100, no M
MA Boston WHTT 103.3 Hit Radio ("Sunny")
MN St. Paul KSTP-FM 94.5 KS-95 (not, MS)
MS Columbus WMLW *88.5 SB-Plus; r/gck
NE Ogallala KO GA-FM 95.7 Music-99; r
TN Nashville WLAC-FM 105.3 106-FM

TX Childress KQAI 35.9 The G
TN Nashville WLAC-FM 105.3 106-FM
TX Dallas KERA *90.1 90-FM
TX Farwell KLZK 98.3 Lite Rock 98
TX Graham KWKQ 107.1 FM-107
WA Spokane KZZZ 92.9 Zoo; r [Ocho]
Nay, MEXICO, Tepic XHNF 97.11 "Novienta/Ver. JalapaX-... 103.7 "Ciento Trece," new station on the air
Ver. XHRN Veracruz 96.5 Esta es RN

Broadcasting in Stereo (S)

AL Oneonta WKLD 97.7 r-m
AZ Clifton-Morenci KXJJ 95.3, to be rock
AZ Payson KKKJ 103.9 G, Stereo and k on all of the KKKJ translators, as well
MD Grantsville WAIJ *90.3, g
NM Lordsburg KXXX 97.7 (of which KXJJ 95.3 will be a "glorified translator")
TX Brownfield KTKC 109.9, K-104 (strict)
TX Malakoff KCKL 95.9, k, NJ Pomona WCFR WI Wausau WYCO 107.9 *91.7, r, on air!

Multi-City IDs in Use

AR Fayetteville KEZA 107.9 adds Fort Smith
IL Mount Zion WJXF 99.3 adds Decatur
IN Crown Point WWJY 103.9 adds Merrillville
IN Lowell WZVN 107.1 alternates on each hour: Lowell with: -Dyer; Griffith; -Hammond; -Highland; -Hobart; -Munster; -Portage; -Saint John; -Valparaiso
MI Holland WYXX 96.1 adds Grand Rapids
MI Parlin W220AA *91.9 adds South Amboy
NM Lordsburg KXXX 97.7 adds Silver City
OK Poteau KZZE 97.9 adds Fort Smith AR
NM Grants KZ780 102.3 adds Milan
OR Creswell K205AY *88.9 adds Cottage Grove

SCA († 67 kHz)

AR Fort Smith KISR 93.7 no SCA (rare telemetry and experimental paging)
CA Roseville KPDP 93.5 †A networks
GA Buford WGCO 102.3 no SCA; discontinued
SCA music after only one month
MI Sault Ste. Marie WSUE 103.3 †G (Grandy network off satellite; started Dec. 1)
SCA/Translator Main Channel FMystery AK Kodiak KZ728W 102.3 gets its program via SCA from KGT1 103.5 Homer AK, so whatever KGT1's SCA has must be KZ728W's main carrier! I have written KGT1 but so far no answer.

Proposed new SCA symbols, submitted for your consideration and commenting on.

In a two-column arrangement, such as in the "FM Atlas," first column would be 67 kHz, second column 92 kHz, without use of the † symbol. Note: a growing number of metropolitan stations are broadcasting low-frequency tones at 57 kHz in conjunction with Blaupunkt's ARI system of road information. [The letter from Jerry Le Bow, Valhalla, NY, who is bringing the ARI system to this country.]
A ABC network relay
C CBS network relay
E Ethnic and foreign language
F Farm and financial news (voice)
G Gospel and religious programming
L Mutual network relay
M Music, usually easy-listening, but some stations program rock
N NBC network relay
P Paging (voicel)
R Physicians' news
O Relaying of AM or FM stations, or of networks not having a special code, such as state news networks
S Sports or special events (occasional audio)
T Talking book for the blind; reading services
W Weather

X Data noise; alphanumeric to interface with computers
Y Tones or telemetry warbles (listed only if on the majority of the time a station is on the air)

Comments: Some categories could be eliminated or combined. For example, no stations have a "W" SCA, although it is a service the FCC provided for when it thought through the SCA system. "R" and "S" might be combined. On the other hand, there is so much interest in the various data SCAs that I would favor adding at least one more letter "Z," if a meaningful way were devised to categorize data services other than that presented above. Category "Y" excludes stations using telemetry only once every three hours for meter readings, when an open carrier would otherwise be on. It also excludes tone pagers on an open carrier when the tone pagers are on only infrequently. And stations having only an open carrier would be omitted.

Flmistakes—5th ed. FM Atlas Errors

AR Mammoth Spring (not Mammoth Springs)
KAMS 95.1, p. 123
CA Delano (not Delany) KZAY, p. 139 [p. 136
CA San Diego KSDO 102.9, town name missing, / CA Visalia KNTH 92.9 (not KSEQ), p. 120 141. / IL Granite City (not Granity City) KWK 106.5, p. / IL Le Roy WTVN (x-WMLA) 92.7 (not 99.3) p.44. / IL LaGrange WTLT *88.1 p. 88 no \$; p. 112 \$, is stereo [112 \$; the station is in Stereo. / MI Ann Arbor WCBN *88.3 WCBN, p. 92 no \$, p. / MI Houghton 101.7 WGLG 91.1 (not 91.1), p. 92 / MI Marquette. WMQT 107.5, not 107.5, p. 92 / MS Starkville WKOR 92.1 (not 91.1), p. 94 / ND Vandalia (not Bandalia) KmlWR (now KZRH) 100.1, p. 131 / ND Morrisdon WJSV *90.5 (not 90.3), p. 96 / NJ Cape May Court House 105.5 height is too much for 3 kW (should be 290'), p. 140. / NY Valhalla WARY *88.5 (not 88.3), p. 98 / ND Williston (not Willison), p. 50 / UT Mountain KGVH *91.7 delete, p. 104 / UT Mt. Pleasant KNTP *91.1 delete, p. 104/106. / WV Parkersburg WDAW 103.1 (not KDAW), p. / AT Lethbridge (not Lethbridge) CKUA-FM-2 *93.3, p. 130 / SA Saskatoon CHSK 89.7 add height of 150', p. / Richard Reese then carefully compared parts I and 2 of the Station Directories and noted network discrepancies. Part I discrepancies are listed first, then Part II discrepancies, with the correct answer to resolve the discrepancies given last. In cases of doubt, where both seemed plausible, I went with the listing given in the 1984 "Broadcasting Yearbook." Sometimes you will find the answer to be different from either of the two given originally. So here are the

Network Discrepancies—and Solutions

AL Alexander City WRFS-FM 106.1 Y, no network; answer is Y
AL Troy WIGC 105.7 S, no network; no network
AZ Globe KIKO-FM 100.3 C, no net.; C
AR Fort Smith KMAC 99.1 E, Y, Y
AR Heber Springs KSPA 96.7 I, no network; I; K-97 nonID assumed no longer in use
AR Hot Springs KSP A96.7 I, no network; I
AR Pleasant Springs KFCX 95.7 S, no net.; S
CA Bakerfield KGF 101.5 S, no net.; no net.
CA Carmelina Bay KHTX 103.7 D, no net.; D
CA Fresno KPFE 93.7 no net.; R; no network
CA Healdsburg KHYJ 92.7 no network; A; no net.
CA Oakhurst KAAT 107.1 no net.; R; R
CA Palm Springs KDES 104.7 Y, R; R
CA Red Bluff KALF 95.9 D, no net.; no net.
CA Redondo Beach KFCX 95.5 M, no net.; no net.
CA San Jose KSMJ *90.7 M, no network; M
CA San Luis Obispo KCBX *90.1 P, no net.; P
CA Santa Rosa KVRM 101.7 S, no net.; S
CA Seattle KMBY 107.1 no network; A; A
CA Sonora KVM-FM 92.7 A, no network; A
CA Stanford KZSU *90.1 U, no network; no net.
CA Stockton KBJC *85.5 no network; M; M
CA KFMR 100.1 T, no network; no network
CO Colorado Springs KRDO-FM 95.1 no network, M, no network

CO Durango KDUR *91.9 S, no network; S
CO Salida KVRH-FM 92.1 I, no network; S network
CO Sterling KSTC-FM 104.7 D, U; D
CT Norwich WCXY 87.7 A, Y, no network; C
CT Westport WEBE 107.5 S, no network; U
FL Bradenton WDUV 103.3 I, no network; no net.
FL Cocoa WFTS-FM 92.3 no network; Y; no net.
FL Daytona Beach WFMY 101.9 (was WDOG) A, A, no network; no network
FL Miami WWSB 98.1 no network; Z
FL Pensacola WQWV 107.3 no network; Y; Y
FL Titusville WJLX 98.3 I, no network; no net.
GA Atlanta WRAS *88.5 no network; D; D
GA Griffin WKUW-FM 97.7 S, no network; S
GA Savannah WHCJ *88.5 U, no network; U
IL Glenview WMMW *88.5 (from 88.9) no network, A; A; M; M
IL Kankakee WVV 99.9 A, no network; A
IL Monticello WVJL 105.5 U, no network; no net.
IL Park Ridge WMTW *88.5 no net.; U; U
IL Winnetka WNTW *88.1 no net.; U; U
IN Booneville WBNL-FM 107.1 M, no network; M
IN Evansville WNIW-FM *88.3 no network; P; P
IN WIKY 104.1 S, no network; no network
IN Indianapolis WIAN *90.1 P, no network; P
WEDM *91.1 no network; U; is S
WFBQ 94.7, I, T
IN Winchester WZZY 98.3 no network; M; no net.
IA Ankeny KJLJ 105.3 I, no network; I
IA Cedar Rapids WMT-FM 96.5 S, C; C; C
IA Spencer KICD-FM 107.7 S; U; U
K Garden City KBFJ 107.3 no net.; I; I
KS Haysville KJLW 103.9 U, no network; U
KS Wichita KFDI-FM 101.3 M, no network; no net.
KY Hazard WSSG 101.1 N, no network; N
KY Pikeville WTKR 102.1 R, no network; R
LA Baton Rouge WAFB-FM 98.1 O; I; I; I
LA Bayou Vista KOKI 95.3 no net.; U; no network
LA Monroe KWEE 104.1 N, M; no network
ME Sanford WFSB 103.1 T; T; T
MD Baltimore WYJY 97.9 K, no network; K
MD Bethesda WTKS 102.3 no net.; U; no network
MA Amherst WAMA *91.1 no network; U; is S
MA Bridgewater WAIM *91.1 no network; A; A
MA Adrian WVAC *107.9 no network; M; no net.
MI Ludington WKLA-FM 106.3 no net.; I; I
MI Midland WJUN 99.7 no network; U; U
MI Port Huron WSAW 107.1 M; no net.
MI Sandusky WFFF 97.7 no network; I; I
MI Columbia WFFF-FM 96.7 M; U; M
MI Durand WDD 103.1 R; Z; no network; I; I
MI Mt. Pleasant WMMR 101.1, no network; I
MT Malta KMMR 107.1, no network; I
MT Missoula KZQO 100.1 no network; K; K
NE North Platte KODL-FM 94.9 N, C; C; C
NV Las Vegas KLVN 99.7 no network; Y; Y
NH Concord WKXL-FM 102.3 no net.; C; is O
NH Wolfeboro WLKZ 104.9 S, no network; S
NY Whippany WHPH 103.9 U, no network; S; no net.
[listing is out of alphabetic order]
NM Albuquerque KFLQ *91.5 P, no network; is P
NM KKKJ 100.3 no network; M; no network
NM Carlsbad KATK 92.1 R; Z; no network; I; I
NM Farmington KRAZ 96.9 R, N; is no network
NM Grants KLLT 95.3 no network; E; E
NM Las Cruces KRWG *90.7 PA, P; is just P
OK St. Bartlesville W9B1 *88.1, no network; I
NY Stony Brook WUSB *90.1 U, no network; no net.
NY Utica WURQ 96.9 no network; A; A
NC Duran WDD 103.1 R; Z; no network; I; I
NC Sanford WJFA 105.5 R; S; is no network
NC Shelby WXIK 96.1 M, no network; M
NC Wilson WRDU (was WXY Y) 106.1 I, no network; is no network
OH Columbus WNCI 97.9 Y, no network; Y
OH Miamiburg WFCJ 97.0 no network; S; S
OH Mount Vernon WVVQ-FM 93.7 S, no network; S
OH New Lexington WJUN 106.3 no net.; U; is S
OH Oxford WMOB *88.5 RS, FS; is PS
OH Sandusky WCPZ 102.7 no network; M; M
OH Sidney WMMR-FM 105.5 no network; M; M
OH Toledo WUAB 92.1 Y, no network; Y
OH Wellston WKOV-FM 96.7 no network; U; is I
OK ADA KASX 96.7 M, no network; is no network
OK Clinton KOKS 95.3 M, no network; is S
OK Eufaula KCES 92.1 P, no net.; no net.
OK Oklahoma City KATF-FM 100.5 I, no net.; I
KAEZ 107.7 Z, no network; no network
OK Okmulgee KCOG 92.9 I, no net.; no network
OK Pauls Valley KGOK 97.7 M, no net.; no network
OK Poteau KZZE (was KLUP) 97.9 I, T; is no net.
OK Tulsa KRAV 96.9 R, no network; no network
OR Ashland KCM-FM 91.1 no network; T; T
OR Klamath Falls KUSN 92.5 M, no net.; M
OR Pendleton KUMA-FM 107.7 no net.; E; no net.
OR Portland KCMR-FM 97.1 Y, no net.; no network
PA Allentown WHPH 91.7 M, no network; M
PA Erie KESB 92.1 P, no net.; no net.
PA Carlisle WDCW *88.3 Y, no network; Y
PA Lancaster WLAN-FM 96.9 no network; A; A
PA Pittsburgh WAMO-FM 105.9 BZ; Z; just Z
SD Sioux Falls KFAI 97.3 A, no network; no net.
TN Chattanooga WSKZ 106.5 S; I; is no network
TN Columbia WKOM 107.7 S; I; is no network
TN Humboldt WZLZ 92.1 P, no net.; no network
TN Memphis WMMR-FM 95.7 Y, no network; Y
TN Savannah WOFM-FM 101.7 E, no net.; E; T
TX Alice KBIC 102.3 U, no network; no net.
TX Beaville KIBL 104.9 R, no net.; no net.; is U
TX Brownsville KRUX 99.5 K; K
TX Dallas KERA *90.1 P, P; is only P
TX KVI-LP 103.7 Y; E; is S
TX Lubbock KRFB-FM 92.9 no net.; S; S
TX Sinton KNGN 103.3 U, no network; no network
VT White River Junction WNHV 95.3 I, no net.; is M

VA Charlottesville WQMG 95.3 N, no net.; no net.
VA Clifton Forge WXCX-FM 103.9 no net.; C; M
VA Front Royal WFFV *92.1 no net.; A; is C
VA Norfolk WRJL 105.3 no network; D; is U
VA Richmond WVEB 104.5 Y, T; Y
VA South Boston WJCL 97.5 S, no net.; S
VA Longview KLYK 105.5 T, no network; is A
VA Opportunity KKPJ 96.1 T; Y; is no network
WA Spokane KXLY-FM 99.9 C, no network; C
WV Beckton WWCW *92.1 no net.; A; no net.
WV Charleston WBS9 96.1 no network; C; is U
WV Parkersburg WXIL 95.1 no net.; T; T
WV St. Albans WKLC 105.1 N; T; T
WV Salem WITB *91.1 no net.; A; is I
WV Wheeling WKWK-FM 97.3 T; Y; Y
WV WVOK 98.7 I, no network; I
WI Baraboo WNLZ 94.9 I, no network; I
WI Milwaukee WZLW 95.7 T; R; R (but I suspect carries only commercials, not the newscasts)
WI Sun Prairie WMAO 92.1 T, no network; T

Readers' Reports and FM News

"I just recently, after a long wait, received the ninth edition of the 'FM Atlas,' and am very pleased with it. Up until now, I was never much interested in FM, but since studying the book, I have now become somewhat of a DXer (for FM)!... Since having the book, I have finally hooked my regular TV antenna (which picks up FM signals) to the stereo system, so now I am discovering FM stations that I never knew existed!" writes Ben R. Wilkie. "My 'system' is a reasonably good Technics. I wish the AM/FM receiver were digital, but still it seems to have quite good frequency separation and it's quite

easy to tell what channel you're on... I hope this letter gets to you in time for the January edition of the VUD..."

"The December VUD provokes a few comments" from Joseph Fela: "WLFR 91.7 Pomona NJ came on in early November. And yes, they are in stereo. Seems to be mostly rock, although my listening to them has been very limited."

"About WZZE Glen Hills PA getting *97.7 (ex-88.7 and Delaware). NRCR Dave Schmidt is handling this and assures me that there is an error in your listing. He was after and claims he got 97.3. There is quite a story on this one. WZZE 88.7 ceased operation back in 1980 for good. For whatever reason(s) it was never deleted and was shown as an active station and Dave managed to get a transfer of license, etc. to what-ever school he's representing in this change. He seems to feel the 17 watts will get out nicely since the location is about 500 feet above sea level." (I'm going to leave it on *97.7 until I hear differently from official sources—it could be the FCC perceived some interference problem and changed the application request from 97.3 to 97.7. Also, here is an idea for others; there are many "deleted" school stations listed in this column over the past several months which may actually have their licenses yet, including some translators in that category. If one of those is near you, as you flip back through previous columns, consider doing what Dave has done and work to reactivate it. You can do that on your own, or through some other nearby institution [school, church, community group], and put a radio station on the air for virtually nothing!)

Richard Steinberger sent a sensitive and long article about Simon Geller and his problems in keeping WVCA 104.9 Gloucester MA on the air. The station operates out of a basement apartment in which Geller, 64, lives. "Several weeks ago Geller was asking for donations to help finance a move, apparently he has to leave his basement on Jan. 30 or Feb. 30," says Richard. The article was in a new magazine, "New England Monthly," headquartered in Haydenville MA, "a village of Williamsburg," the October, 1984, issue.

Nick Lombardi is a fan of SCA muting for listening to background music. "Some years ago I discussed the subject of SCA muting with the chief engineer of WSB-FM 98.5 (since when they had music) and he said muting was a convenient, effective way to block receivers during pauses in the music, and without it the poor signal-to-noise ratio of the system, and crosstalk, would be noticeable. So I think many of your customers will wish they had the feature after the initial novelty of the [SCA] device wears off." Nick points out that WPAP 92.5 Panama City FL's SCA muting between selections, as does "every single" music SCA he's heard recently. [While in Denver I noted music SCA stations KVOD as having muting, but KBRQ 105.1 did not mute. I called the KBRQ operations manager and congratulated him on the fine-sounding SCA, including the excellent Christmas music that could be heard right after Thanksgiving, and he seemed unconcerned; said another company is putting on the music.]

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Jim Plizzi says that, after hearing Es into Old Mexico in December, he's convinced "Mexican FM is in a state of rapid change. Could you write the Mexican government for information?" [Yes, I will shortly, using a Spanish-language form Richard Wood devised.]

Quite a few readers were observant and kind enough to send me copies of an article by Eric Zorn in the Nov. 26 Chicago Tribune. The article, Sec. 5, p. 7. "Some FM Stations allow 2d Signal to Hitch a Ride," says: "For less than \$100 hobbyists can order kits or converters from FM Atlas Publishing, Adolph MN 55701, that will allow them to browse through the exotic subcarrier library free of subscription charges. Be advised, however, that the law frowns on this practice, as it does on the pirating of subscription television signals." I've gotten over 50 inquiries from this article to date, and another article in "Electronic Servicing & Technology," Nov., 1984, has yielded close to 200 reader inquiries. The Dec. "Stereo Review" mentions the new FM Atlas, but response has been sparse compared to past years when my book has been mentioned in that magazine.

"I just recently, after a long wait, received the ninth edition of the 'FM Atlas,' and am very pleased with it. Up until now, I was never much interested in FM, but since studying the book, I have now become somewhat of a DXer (for FM)!... Since having the book, I have finally hooked my regular TV antenna (which picks up FM signals) to the stereo system, so now I am discovering FM stations that I never knew existed!" writes Ben R. Wilkie. "My 'system' is a reasonably good Technics. I wish the AM/FM receiver were digital, but still it seems to have quite good frequency separation and it's quite

easy to tell what channel you're on... I hope this letter gets to you in time for the January edition of the VUD..."

"The December VUD provokes a few comments" from Joseph Fela: "WLFR 91.7 Pomona NJ came on in early November. And yes, they are in stereo. Seems to be mostly rock, although my listening to them has been very limited."

"About WZZE Glen Hills PA getting *97.7 (ex-88.7 and Delaware). NRCR Dave Schmidt is handling this and assures me that there is an error in your listing. He was after and claims he got 97.3. There is quite a story on this one. WZZE 88.7 ceased operation back in 1980 for good. For whatever reason(s) it was never deleted and was shown as an active station and Dave managed to get a transfer of license, etc. to what-ever school he's representing in this change. He seems to feel the 17 watts will get out nicely since the location is about 500 feet above sea level." (I'm going to leave it on *97.7 until I hear differently from official sources—it could be the FCC perceived some interference problem and changed the application request from 97.3 to 97.7. Also, here is an idea for others; there are many "deleted" school stations listed in this column over the past several months which may actually have their licenses yet, including some translators in that category. If one of those is near you, as you flip back through previous columns, consider doing what Dave has done and work to reactivate it. You can do that on your own, or through some other nearby institution [school, church, community group], and put a radio station on the air for virtually nothing!)

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FM Translators: An Insider's View

Chuck Crisler, Greenwood AR, an FM station and translator owner, as well as a consultant, tells why he operates various FM translators in Arkansas and Arizona.

Double Eagle Broadcasting

Services Division
Post Office Box 42
Greenwood, Arkansas 72936
(501) 996-2254

The only way I have figured out to make expenses is to charge the primary station for it, and this is what I do. I have both KOST (Sedona AZ) and KSMK (Cottonwood AZ) on three-year contracts. Our experiment with the Phoenix and Tucson stations has not been so productive, as they are not by and large willing to subsidize. The beautiful music in Flagstaff (K280BU) is currently a panacea to keep the Forest Service happy, as the employees at the Ranger Station like it. The Forest Service for all practical purposes owns all of the electronic sites in Arizona that are any good, so by keeping them involved and happy, I get stuff done in 30 days that normally would take a year. The Payson (KKJJ 103.9) network may or may not ever pay out for me, as I am currently not getting anything out of it financially. However, I will share indirectly in the profits if they ever sell anything in any of my markets. In about six months I will switch to something else if it doesn't pan out.

What happened on K288CQ Tucson (see New FM Stations, 1st page of this column) is that we originally wanted to import a Phoenix station, and the local broadcasters objected on anti-competition grounds, claiming that a 10-watt would do harm to their 100,000 watters. Rather than risk the application, I changed the primary station to one of the locals (KJYK) to help them fill in a hole until they upgrade their main station. That will be temporary, until I can find a customer for long haul. As yet I haven't found anybody interested who will also subsidize the operation. My other Tucson-area CP is for Summerhaven, which is on the top of Mt. Lemmon, north of the city. That is K292CM. About the only reason for this one is my interest in neat little "resort" communities that sit on tops of mountains, or other places that I can have a tax deductible reason to go visit. This also is my reason for having a CP at Winter Park CO (7) and one at Silver Dollar City MO (probably K280CC 103.9 Kimberling City, which is in lake country). As yet to be seen whether any of them will develop profitably or not.

My intention with Silver City-Lordsburg (site on the continental divide, moving from 249A to 250C), and Clifton-Morenci is to sell them either as construction permits, or build and sell as soon as possible. I am much more interested in other markets now than I was originally when the applications were filed. So, what will happen to them may or may not be within my jurisdiction. Currently, plans are for KXXX 97.7 to go with Transtar popular music format, and to be repeated via translators. KXJJ would be a glorified translator for KXXX, with only minimum local programming. So, if I build them, that is the intent, to be stereo with Transtar satellite format. If Payson ever gets its rulemaking to go Class C, there is a possibility of inter-linking all three stations with a translator network to boot. There is currently a monumental rulemaking in the works by which Prescott and Payson would get Class C upgrades, our Kingman channel would be shifted from 105.9 down to something else, and Las Vegas NV would end up with an additional Class C. While I do excel in getting what I want in the rulemaking process, it always seems to take just long enough that I am exhausted and unable to stick it out long enough to enjoy the fruits. Nevertheless, my work will have a long-term impact on improved FM availability in Arizona!

John LaTour's original intentions (J&J Broadcasting, now Power DuPre Broadcasting) in Fayetteville was to have KCFD at three sites to cover all of the Fayetteville, Springdale, Rogers market. He is fairly well covering from just the Fayetteville site currently (K261AX), and I guess he has the Rogers one on the air, but not doing much with it coverage-wise. He was trying to switch the Springdale one to classical music (from Owasso OK) and sell it to a group of interested investors the last time I checked. The site change would not have been approved by the Commission if they had realized it was going to the same site as the other KCFD unit, so I assume they approved the site change and primary station change at the same time, but DataWorld must not have picked up on the primary station change. This is my only explanation. But, as you were saying, it is going to be hard to keep any stability on primary station information now that licen-

ses can change this at will. I was very much in favor of the rule revision myself, as if I had a station who stifled me, or otherwise reneged on an agreement, I was stuck carrying them anyway until such time as the major change application could go thru, which sometimes is months. In the meantime, when my application to change primary station appeared on the cutoff list, the original primary station could file objections, or put somebody else up to it, which is tantamount to going into perpetual limbo at the FCC. All very risky business, and very little profit potential anyway, so far. Now if somebody doesn't pay the bill, I send a technician up the mountain, and switch it off to another station. You'd be surprised how quick they pay up under those conditions!

You might be interested in the Albuquerque situation, which I am just about to get into. All of the translator stations and/or pending applications are essentially on the 2nd or 3rd adjacent channels of various new Santa Fe area stations. I had filed on 292 prior to KNMQ coming on the air, but now that they are on, my application is in jeopardy by virtue of being inside their predicted 1 m/m contour. Likewise, are the two mutually-exclusive apps on 288, which is the 2nd adjacent below KNMQ. There is another proposed Santa Fe station that will kick the existing translator operator in the head, and it could well turn out that Albuquerque ends up with no translators at all, and that the only station I can come up with is to go C-waver, which is not being allowed currently at the Commission. The rules state that if all Class C channels are used up, one can file on a Class C channel. Under Decree 80-90, all Class C channels are essentially open for Class A use anyway, so it doesn't make sense that the FCC is opposed to opening them up for translators. In the past, I know of several translators west of the Mississippi that were allowed on Class B/C channels, but for some reason currently, the staffers won't accept any such requests. The whole Auxiliary Services Branch seems to be run with a great deal of personal discretion by the staff members as to what will and won't be accepted. And their whims change daily (one of my personal gripes these days).

I have a translator in Omaha that I have been trying to unload, so let me know if you hear of anybody interested. Currently it is supposed to be on channel 288, but the last I heard, the engineer from the primary station was jacking around with it, and testing on 285 (but still with calls K288CL; a Janis Holm is listed in DataWorld as applying for a KBWH 31.9 translator on 104.9). The primary station [KBWH] is owned by some Blacks, so thus far by virtue of being minorities, we have been able to do just what we wanted with the translator and not get into any trouble. I think before anything happens, I need to get rid of it, or find a local person to keep tabs on it for me. Down the line, I have another station interested in it (new Class C at Central City NE), but it will be at least another 6 months before the Central City station is on the air. They found a UHF (actually—KSGT, channel 8 tower near Genoa NE) TV tower to get on, about 20 miles away, so they have the logistical problems of putting in STLs, and the like to get signal up to the tower. Still, I understand they are going to have the best FM coverage (on 100.3 mHz) in Nebraska of any other FM station once they are done with it. How I get involved in all this stuff I'll never know, as I don't ever go to Nebraska except by accident.

There is still a lot of discussion about what is a commercial and what is a fund-raising announcement vis-a-vis FM translators. We are thinking about going that route on K280BU Flagstaff.

I sold all my Arkansas and Oklahoma translator interests, but all remain on the air with the exception of the 95.9 at Magazine AR, which is experiencing loss of channel due to increase in tower height of KSSN at Little Rock and move of KAZZ Sallisaw several miles farther toward Fort Smith. Actually, the 95.9 translator is still on the air, but most people can't get it, due to overload from one or the other of two "interfering" stations. The KCFD-FM network of translators (Tulsa-based Christian music) continues to grow, though for all practical purposes I am no longer associated with it. As you know, the FCC turndown of the Moody Bible Institute petition pretty well kicked that in the head beyond the immediate reach of the KCFD mother station. We had counted on being able to use satellite or common carrier feed to go elsewhere. Out in the West... K276BZ Sunflower on the air with good coverage up and down state highway 87 into Phoenix suburbs. Tom Rockler still in litigation on his Class C at Tucson 107.5 (more than 8 years in process), but hopes to overturn the FCC decision granting CP to his competitor, based upon competitor's loss of transmitter site due to FAA objections. Tom Rockler's cousin who owns a pizza joint at the Grand Canyon has a CP for a new station on 92.1 at Tusayan. We are preparing a translator network to get it some coverage up and down the highway in the Williams area. Speaking of Williams, the CP there expected to be granted on 96.7 to Stanley Soho, who has the AM on the air there, now with reduced power. He will be able to simulcast the FM on AM; calls to be KDAN-FM.

On the subject of SCA, I have been talking to Seeburg music, so there is some possibility there. I will take my SCA radio out next trip to see what I can find on some of the other stations... When Clark (K276BZ) signed the air, so did George Whitaker's backlund music service on SCA. George is over in Oklahoma these days building a UHF TV station at Muskogee, so probably didn't care... Up in your country, my K265BK at Decorah IA being displaced by new Class A station on that frequency. We are trying to move it to 99.3. That translator for KQYR Spring Grove MN, which used to be owned by your buddy John White. (Lots of valid ideas here. I'd think the best prospects for putting on a translator would be small-town stations that would appreciate coverage into nearby, larger cities.)

FCC—FM Need a Contest to Name Radio Stations that Never Should have been Built?

January, 1985

A few final comments from Mr. Crisler: "My Seeburg contact in Phoenix is currently using the KHEP SCA, so he is very much up in air about what is going to happen to him when the management changes at the station. I gather the new US-Mexican agreement is about to legalize the use of the new SCA basebands in Arizona and New Mexico areas, so might be some more potential there. Unfortunately, KJJ at Payson is 1 mile within the Mexican zone, so we still come under the old rules. Do you have any recommendations for our SCAs at Kingman, Payson, or Lordsburg-Silver City? All will have decent coverage, plus translator networks. Want to check into Seeburg and ARL. Do you know any other possible interested parties in these rural areas?" [When Jerry LeBow of ARI fame called me the other day I told him of Chuck's interest in ARI for Greenwood AR.]

"I am getting an inquiry off to Blaupunkt, as if they will provide the SCA equipment, I would sure like to be the first station in the West to give their system a try. Since we already do road reports, I don't see any reason why the SCA couldn't be switched on and off with a simulcast of the regular FM weather programming. Anyway, since it is an educational process for me, the least I will get out of it is more information... I did not realize DataWorld kept tabs on FM translators. The last time I subscribed to them, they did not include translators or LP/TV, so I quit taking it. Instead, I get the lists from Moffett, Larson & Johnson."

"I still have some ideas about what I want in a new FM car radio, so am in the market for something exotic yet not too expensive. I am getting a new pickup truck this week, so it will go into that in place of the factory AM/FM. That Pioneer digital you worked on got sold off with my last truck. I have found that having a good radio in a vehicle is a tool for selling the vehicle at a better price, so well worth the extra couple hundred bucks investment."

Blaupunkt's consultant tells me that the ARI system at 57 kHz only sends out various audio tones, which alert an FM radio or cassette to turn up the volume to hear the main-channel traffic reports. The tones themselves can be tuned in on a tunable SCA adapter at 57 kHz, and placement of the ARI at that frequency means a broadcaster can have a separate SCA on 67 kHz.

From MA, George J. Mileon says WFNX 101.7 Lynn has been undergoing transmitter repair. "It appears that their signal is not covering all the area that they want covered. The talk of increasing power has subsided also. The owner of the station, 'The Boston Phoenix,' a weekly newspaper, now sells advertising for its newspaper in package deals including advertising on WFNX. I don't know if that speaks well for the financial success of WFNX."

A WI state radio engineer, Bill Fletcher, says "How about more comments from the readers of the Atlas? Also, watch for a new FM at Park Falls, part of the Wisconsin Public Radio Network."

Detroit's Robert Grant: August page 32 comments "WXYZ has declined to sixth" is a bit misleading. The last time WXYZ was sixth or better was before WWJ, when there were only 4 stations. In their top-40 days they would always be playing second fiddle to somebody else... WXYZ's ratings today are much better than ten years ago. About readers who call themselves Dolby fans: Count me in as a fan, too. I think that the calibration tone should not have to be sent on a daily basis, but rather weekly or monthly... I have an opinion on why FM Dolby B never caught on. FM reception tends to be almost noise-free until a point where the signal falls out rapidly. The disadvantage of abnormal sound on regular receivers outweighs the benefit when the noise level is already so low.

A question about 80-90: What happens to the "grandfathered" FMs in Zone I running more than 50 kw? (Examples: WJFM, *WVGR.) Will they be running C1? Can they increase to 2000' if they act before 1987? Or just Bs with special waivers? [I'd think Bs with special waivers—B. E.] I do not think a huge number of new FMs will result from 80-90. I tried to find a new commercial channel for Detroit and found it to be impossible, the 400/600 kHz limits are too far for even a "rim shot" into any of the three metro counties. In fact, some stations on the air would be rejected today (WKSJ, for example, is too close to WIGB 102.9 and WCPZ 102.7). And what about the suburban Chicago class A. I think the 400/600 limits should be relaxed (actually co-situated stations 400 kHz apart would be fine). There are several AM channels available for the Detroit area: 660HD, 840 HD, 1030 HD, 1240 IVA, 1430 IIB and 1580 HD.

The recent comments about "rim shot" stations are very familiar in Detroit. We have quite a few here. I put rim shots into three categories: 1) in city of license only (ex. WNIC-FM Dearborn). These stations have as good a coverage of the area they are serving as do those licensed to the central city in question. 2) With a disadvantage over "center shot" stations but fair-to-good coverage of most of the area in question; 3) Too weak and far from the central city, these stations have the deadly disadvantage of small audience and heavy competition.

[Robert then drew a map showing with different colors how various stations in the area only covered well certain sections of town... Thus "in the green" we see WLSB (now WKSJ) Mount Clemens with the buildings of downtown and WIGB Ann Arbor taking a bit out of them. You can also see

why they failed as a format station: when you compare their pattern with the area black population areas (shown as being mostly to the south of where their main signal hit). I believe KBWH Blair NE made exactly the same mistake." The maps, being in color, would not reproduce here, but you should get the idea anyway. Robert points out that WKSJ's AM affiliate, WWHK protected an AM station in Fostoria OH and shot its signal away from the center. "It is hard for a station to live on a town as small as Mount Clemens, let alone compete with 30-odd other stations. You probably wonder how such a station could survive. It couldn't. WWHK died on 2-10-84 after a 26-year life of consistent failure from day 1 of operation. If any station in the U. S. should never have been built, it was WBRB (later WWHK)." Now, shall I invite other readers to write in and name stations they know that SHOULD NEVER HAVE BEEN BUILT?

Dave Nieman reports the station testing on 89.1 did finally give an ID. "It was the CBC testing for a new repeater near Paris ON." [It would really be great if they announced specific call letters for the station, but I suspect calls have not even been granted yet.]

WLJE 105.5 Valparaiso IN went 24 hours a day recently. "They are automated in the day and live throughout the night. I don't think they know what a legal ID is, even when they are live the announcer throws extra non-essentials between calls and city. WAGO 105.9 Elmwood Park IL now tells us how to set our car radio. Pull out the middle button, push it back in on K-106 or 105.9 FM if you have a digital radio; this way you know your middle button means music (with the buttons devoted to WYEN, WZVN and WGCI, completing the progression to the right?—b.e.). WLNR 106.3 Lansing IL claims to be the greatest station in the nation. If it's the greatest station in the nation why is everybody talking about WSEX (Arlington Heights IL)?... I loved the cover of the November VUD," writes Wendell Ford.

Denton's KTCS 106.1 has moved its antenna from northwest Dallas to the Cedar Hill antenna farm, says Paul E. Hake. This puts its signal farther from Denton, but still probably close enough to give Denton the required 70 db signal intensity under FCC rules.

"Did you know CKO-FM 99.1 Toronto has a stereo subcarrier since 1977 on every radio I've tried? Station manager says people would not listen as much to mono-FM. You could list it as stereo, but little separation is noticed due to talk format. [That's precisely why I don't list the CKO stations as stereo, as I believe it to be a pseudo-stereo.] CJUT, University of Toronto's current station has applied for broadcast licence on 89.5 instead of CBC-French stereo. About 10 applications are in for the only commercial FM frequency open in Toronto on 97.3. Deadline is Jan. 31, 1985. It is likely a beautiful music format will get the licence. It is likely the runner-up will get 90.3, provided CRTC allows a commercial station on the educational band. CIAO, 104.9 Niagara Falls, only lasted a few weeks [consider it deleted—Ed.] CHOW Welland is interested in this frequency. CFBU, Brock University, St. Catharines, 640 carrier current AM wants FM, likely on 91.7. WKBW AM stereo 1520 is interested in FM, such as 101.1, which seems to be the last space in Buffalo," writes Stephen Tuura. He identifies local AM stations announcing they are in stereo: WKBW, CHML 900, CFRB 1010, CHUM 1050, CKKW 1090, CKOC 1150, CHAM 1280. "But AM receivers are hard to obtain stereo." One of my customers plans to send me a Sony portable AM stereo-FM stereo radio for SCA installation. I'll mention how it went and try to review the receiver. A Sony AM stereo radio like the one I expect to be working on was here one night, brought by a traveler, but it was hard to get AM stereo. WOW had a ballgame and only far-away KFI Los Angeles offered occasional snatches of separation.

As of Nov. 12, WZVW 93.5 Kokomo IN and WXUS 92.7 in Lafayette IN had not changed frequency, as they are supposed to do. Getting back to Buffalo, WKBW's Tom Atkins says stereo is "a small step for man, and a giant leap for AM radio. We now sound as good as FM stereo and our signal carries a lot farther. I've gotten postcards from Maine and Massachusetts marveling at how good the stereo signal comes in." He's a part-time announcer at the station and its fulltime chief engineer, 28, single.

Pete Taylor recently took a trip to Hawaii to check out the FM scene for us. He found 1) KJAD 92.7 Lihue wasn't on. KHHH (2) 98.5 was the only Honolulu FM (above 92 mHz) he never heard on the island of Kauai. Then he asks (3) tell us more about Carlyle's suite against Amaturu for only \$45,000 (I'm sure you meant \$45 million—right, ed.). [I've written Jack Minkow and if he cares to share any more information without suing me, you'll get it!] (4) KMEL 106.1 San Francisco is now all hit type rock; (5) KFYI (soon to be ex-KDIA AM) is trying to buy a San Francisco FM (KQAK).

KMOJ Minneapolis on new freq. of 89.9 (mono). "Signal not as strong as KFBI *90.3." John Ebeling sent classified ads from MT, indicating that 92 kHz paging did not work out at KYBS Livingston.

The next few weeks will be occupied with Christmas holiday advertising. Our limited commercial spot schedule (15 units per hour) will cause us to turn away some business and institute higher rates with our grid rate arrangement. Otherwise, some comments:

COLUMBIA FM, INC.
503 OLD 63 NORTH
COLUMBIA, MISSOURI 65201

KARO
102 FM CBS RADIO
AFFILIATE

FM movers/receivers today. Quality is notoriously poor. Radio has moved to the maximum convenience state just like it did in the 30s with push buttons, electronic tuning and gadgets. There are few worthwhile units on the market in popular price areas and in checking various hi-fi showrooms, the presence of a tuning knob appears a thing of the past. Digital readout is appreciated but not the mechanisms to make it happen: rocker controls, push buttons and unreliable scanning devices. Also, little headway seems to have been made in front-end overloading/image rejection. Some contemporary designs seem worse, reminding us of the earliest (pre-FET) discrete transistor units (1962 ca.). And selectivity is also poor as other readers have observed. We recently acquired a NAD receiver, mainly for convenience than dinging and note its only benefit is the excellent detector circuit which has received industry acclaim. In sensitivity, actual use shows it adequate, image rejection is poor and selectivity is nothing to write about either. But six pre-set push buttons certainly help the uninitiated get around their favorite stations. Tuning is with a rocker switch: useless for DX purposes. Probably the best overall unit for DXing is the GM/DeLco ETR. Digital readout, a tuning knob with detents and excellent sensitivity/selectivity. Hope to get one and set it up with a/c supply to try with the outdoor antenna. But for mobile use, it is superb.

You might be interested in the setup for the Camdenton MO translator at 96.7 [K2448H, for KFD 97.7 Wayneville MO], supposed to be owned by a KFD announcer. Whatever its purpose, it falls woefully short of the mark. On a recent trip to the Lake of the Ozarks, we were interested in ascertaining its coverage. We monitored 96.7 starting 25 miles N of the station and were surprised that it overtook fading KCWQ, a co-channel, Columbia station. At 20 miles, it was constant, fading only in low spots. Not a beef signal but adequate for mobile reception. When within several miles, we noted the signal wasn't beefy and on discovering the unit, learned why. The translator consists of a tower about 80 feet high just south of an auto racetrack. Strapped to the mast is a single 5-element Scala yagi pointed SSW toward Camdenton, some 5 miles away. Our reception 20 miles north was from a back lobe! On proceeding to Camdenton, the translator faded badly in a creek bottom 2 1/2 miles away and although listenable in Camdenton proper, the signal had no beef. We also noticed a noisy signal. It is between two stations closely spaced at 97.7. KAYQ Warsaw MO was the cause and in driving about, there were places when tuned to 97.7 where it overrode the translator's primary station! Appears to be a poorly engineered translator. We calculate the ERP at about 50 watts. To cover Camdenton, the unit should be closer. Also, FCC rules do allow V+H operation. A better system would have separate 10-element V+H antenna. But that would cost more since separate 10-watt amps would be required. It appears that some translators ask to fail due to inadequate engineering and/or cost cutting.

Simultaneously from various sources, we are hearing that the FCC is aghast over the growth of these tiny stations, particularly over the past year. There was a mass filing months ago, apparently hoping the Moody case, petitioning for satellite feed permission would get FCC blessing. But the FCC in June tuned down Moody saying the 600+ Docket 80-90 allotments would first have to be digested into the Table before any more ambitious translator services would be authorized. So, we have the case of CP holders looking for primary stations. Our own station may be carried in two markets because of this. . . Sedalia 93.5 and Jefferson City 106.3 [see last month's column—b.a.].

Then the Commission, also last spring clarified its position on cost-defrayal announcements. The translator rules permit one 30-second announcement per hour to be used to help defray costs of operation. Some operators had interpreted this to allow one 30-second spot ad. If, for example, 15 such ads were run per day at an average cost of \$5, that's \$90 a day or \$2700 a month. But the Commission nixed such visions of profitability and now the announcements must be more in the NPR underwriting vein. But what remains intact are provisions allowing primary stations to pay for translator service once the station is on the air. Bizarre but true: primary station's can't pay for construction in towns outside the 1 mV/m contour but once an independent party had the thing built, operating and licensed, money can flow for support and amortization of start-up expenses. That's why the FCC is aghast since translators are being used to enter new markets and alter competitive balances. Particularly concerning are AM stand-alone situations since translators are forbidden to relay AM signals (except in northern AK—ed.). One other thing we're hearing: power limits are possible in the future. Perhaps in the 50-watt area. Now a typical translator at 10 watts can develop 80 watts or more with gain antennas. But there may be a power ceiling in the future.

Tall tower plans. There had been some movement in St. Louis until KYKY's sale was announced. That station at 98.1 with severe coverage problems from a downtown site caused by new construction had been leading efforts to build a 1000-foot tower near several

existing masts. . . Participating stations included WIL-FM, KSLH, KSHE, KYKY, KFUD-FM, KEZK, KMJM and KWK-FM (with reduced power because it is Class B). KSD-FM was also considering the site. Now we understand the project is on hold for a number of reasons. Cost is considerable, the motivating station is in sale-limbo and there is a potential short-spacing problem between two commercial participants and KTJJ Farmington MO 98.5, already licensed as a full C. Sixty-five miles is required and the proposed site is several miles short. In the past, the FCC has on occasion granted waivers if a site otherwise (in the case of the other participants) is ok. A common site suitable for all in the St. Louis area won't be easy to find with FAA restrictions and the unavailability of land.

The only central MO station with a tall tower, KRES 104.7 Moberly [and also owner of KTJJ previously mentioned], may be competing with another station that has filed for one. KWWR 95.7 Mexico MO is seeking a 1000 foot mast NW of Mexico. [Height increase already granted—b.e.] That will put their 3.16 mv within a few miles of Moberly so the hot and heavy competition with KRES will continue. And 3.16 mv will reach most of Columbia where the station already enjoys a modest audience. With K music, it may become more of a factor here, limited by the usual rimshot considerations. Construction meanwhile is known to be underway at still another co-owned station with KRES—KIRK 103.7 is putting in a tall tower north of Lebanon MO, giving it a competitive footing with 3 stations in the Lake of the Ozarks area.

A tall tower is also on the minds of several Kansas City area stations but there are problems there too. Sites east of downtown have been identified and one CP has been granted. But sources indicate actual construction may be a long way off. Meanwhile, two stations, KNBR and KYYS, already have CPs to make modest antenna increases putting them just over the magic 984 feet required for full C status. Was in the KC area recently and the rim shots don't blanket the area as well as the major stations. KCFX and KZZC have been ratings losers and while the latter has a better signal in most districts, both stations lose out to KYYS, KKCI (itself a rimshot with CP for 1000' E of KC) and particularly KBEO. Loud and distorted audio seems to be the ruling factor.

Have been particularly interested in AM stereo receivers. Now using the Sony SRF-A100. Must strongly disagree with a review of this in Nov. issue (p. 4). On the FM band, it is GARBAGE. Front end overloading is typically poor. Sensitivity is atrocious and selectivity not much better. Several samples have been tried. However, Sony clearly designed this to be a winner on AM—which it is—and a loser on FM. While this unit does have impressive performance characteristics on AM stereo, I stick by earlier impressions that AM is still fraught with classic interference from everything from lights to motors, thunderstorms and its notably inferior S/N and interference ratios. The Sony unit is multimode—there are those in the industry who don't approve of this. Yet, with certain stations, the performance is unassailably good, in the wide band position and with a strong signal, generally on a clear channel. But there is a persistent problem called platform distortion coming from a weaker station's heterodyne. Then too we must come down on our AM brethren for not giving us more music. Most of the easily-received clear channel stations have switched to turgid talk shows and endless sporting events so music isn't even given a fair shot. . . Two significant things the Sony unit lacks: ample sensitivity to really haul 'em in and no whistle filter. The 1935 E. H. Scott 24-tube all-wave "Imperial" even had this radical innovation. The Sony unit is a portable, therefore free of power-line interference and with directional antenna to get best reception. . .

Also, check your information on WDLA fm going to 94.9 at Walton NY. This is not so. The application was rejected by the FCC (I chatted with their gm about this). Instead, the FCC is considering a complex allotment proceeding as outlined in the Fed Reg (FR49, 38674, Oct. 1, 1984) with channel 235 proposed for possible use at one of the following three communities: Sidney, Deposit and Frankfort, all NY state. [So put WDLA-FM back on 92.1, Walton NY, 490 h.v. 660—b.e.]

Larry Fuss mentions that KMDL 97.7 Kaplan LA is NOT directional. And he says "WSEY in Sauk City WI [96.7] is a strange one. DataWorld (which takes its info directly from the FCC database) shows it as 740 watts at 2183 feet above average terrain. The FCC's final list of Docket 80-90 assignments is supposed to be presented at an open Commission meeting Dec. 19. At that time, they will also announce the date applications will be accepted (presumably sometime after the first of the year). Anyone interested in a Docket 80-90 FM should start making arrangements now.

CONTEMPORARY COMMUNICATIONS

P.O. BOX 3976
JACKSON, GA. 30233-0976

FCC Adopts Standards for Protecting TV Channel 6 From Educational FM Interference

Docket 20735, released Oct. 29, 1984:

The Commission has adopted new rules to minimize interference caused by some noncommercial, educational FM (NCE-FM) stations to the reception of channel 6 TV stations in the same vicinity.

The interference results from TV-6 and the NCE-FM channels are adjacent in frequency and because most TV sets lack sufficient selectivity to reject strong NCE-FM signals. The spectrum between 88-92 MHz is reserved for NCE-FM assignments, with 82-88 MHz allotted for TV-6 assignments. Generally, the interference occurs when an NCE-FM station, operating in the lower frequencies (88.1-89.1 MHz), locates its transmitter in highly populated, fringe reception areas of the TV-6 station.

The FCC rejected as impractical (1) an NCE-FM assignment table and (2) mandated improvements in TV receivers, but it did encourage the industry to develop its own TV receiver standards. The FCC adopted the same standards for power and height that apply to commercial FM stations. Any existing NCE-FM stations that already have greater facilities than the commercial maximums will be grandfathered.

Because co-location of an NCE-FM tower with a TV-6 tower (or within 1/2-mile) was found to be the most desirable situation, higher power will be permitted NCE-FM stations choosing this option. Non-allocated NCE-FM stations would be restricted in power based on their frequencies and the TV-6 station's signal strength. The extent of the power restriction zone would end at 140 miles from the nearest TV-6 station. Under the new rules, an NCE-FM permittee would have a choice between two power levels, a recommended level (Level 1) and a maximum level (Level 2). For stations between 88.1-89.1 MHz, the two levels would be the same, due to greater potential of those frequencies to cause interference to TV-6. The powers are based on 3.0 square miles of interference that will be allowed within the Grade B contour of a TV-6 station.

NCE-FM stations choosing the higher Level 2 power would assume full financial responsibility for eliminating all cases of interference. Elimination of interference may be accomplished by use of vertical polarization of the FM antenna, installation of a TV translator, or by prudent location of the FM transmitter. Any NCE-FM station unable to resolve its interference problems may be required to significantly reduce power to Level 1 or below.

All NCE-FM stations must be at least 100 watts. The Commission emphasized that NCE-FM stations have the option to engineer individual situations to minimize potential interference and remedy actual problems. But in the most severe interference cases, a reduction in power may be necessary. As a result, the rules should minimize interference to TV-6 while permitting the maximum freedom to expand the NCE-FM service. The Commission said this approach encourages the educational station to minimize its interference complaints.

Will the rules eliminate TV-6 interference and still allow the NCE-FM service to develop? It's hard to say, not having seen the technical charts upon which Level 1 and 2 powers will be set for all the NCE-FM channels. But a hint of the severe restriction upon NCE-FM stations is the fact that TV-6 stations will enjoy some protection out to 140 miles, which seems excessive. It looks like a great impediment has been hurled at states like Nebraska, which have no public radio networks. If the power restrictions were too severe, more stations and transmitters would be needed to do the job high power stations might do. I am sure stations like WOJB "88.9 Hayward WI (in secondary of TV-6 KBJR Duluth MN) and KCME "88.1 Manitowish Springs CO (in secondary of TV-6 Denver) would not be allowed to exist under the new rules, but they and many like them will probably be grandfathered in. Time will tell if this is a sell-out to TV-6 interests, which I suspect it is; or if it is window-dressing without any real effect upon the burgeoning rate of increase in NCE-FM stations.

Public TV reaches 95% of U. S. homes, but public radio is available to only 70% of the people. The largest unserved [radio] audiences are in New York's Nassau and Suffolk counties, San Antonio TX, San Jose CA and Allentown-Bethlehem PA. The biggest geographical areas without NPR coverage are in the Rocky Mountain area and in parts of the South. And from the public broadcasting paper Current is a note that the folks of International Falls MN paid \$14,000 to start a Minnesota Public Radio translator [K249BK97.7, of KCRB Bemidji], said to be already on the air. The 7,000 people gave an average of \$2/person, after a federal grant was not awarded. Ely has a similar public translator, raised entirely by local folks, but the license for that is held by the community college.

Frank Aden, Jr., writes that Bill Frahm, who works at KSEI in Pocahontas, hopes to have its 102.5 FM adjunct on the air soon. KRIC "100.5 Rexburg must be on with 75,000 watts as they put an excellent signal in to Burley. And Frank sent a letter from the University of Idaho, mentioning that the correct calls are as this column listed them—KRFA (not KFRA). "KRFA is now part of a fine arts radio system running from the Tri-Cities area of Washington into the Idaho panhandle. KRFA is licensed to Washington State University. The transmitter location is the same as the old KUID-FM location on Paradise Ridge southeast of Moscow. The studios are the same, but now there is a microwave connection with the main studio of KWSU (AM) on the Washington State University campus. Local reaction to the change was mixed. There was a small group of loyal listeners and volunteer workers at KUID that resented the move. However, from the standpoint of most people it was the only solution to the problem of inadequate funding of KUID and the creation of a better atmosphere for student experience and learning. . . The station runs fine arts programming originated at the KWSU studios and NPR and serves as a news bureau for north Idaho news.

Tom Cornell writes with information on the new WTP1 107.9 Indianapolis, which is trying to appeal to the 27-54 years-old. I still need to know if it's stereo! "Regarding the Delco AM stereo radio, I finally had a chance to use one and can tell you about it more knowledgeably now. The "Stereo" indicator is the same as used for FM, so there most definitely is one. As to its fidelity compared to Sony, ours is for the car, and the Sony is a portable. A car receiver has to be much, much more immune to interference. This can only be done by narrower bandwidth. . . There has been much misinformation circulated about AM stereo. . . For one, the one-chip, multi-system decoder is, at the moment, a myth! No such thing exists. All the major receivers, except Sansui, have chosen to build single system decoders for the Motorola system. The Sansui receiver is a 3-piece, and expensive! Requires a separate amplifier, too. A separate box encloses the "multi-system" decoder, and it is only a compromise decoder at that! The broadcasters have taken us to task for making a "marketplace" decision and have criticized our testing of the three systems we looked at. Knowing a bit of what was involved (I took part in two "midnight rides"), I must take issue with them. I challenge any of them to show me his "research lab". I work in ours, as a matter of fact, and it is very well equipped. And, owing to the fact that there is considerably more money invested in receivers than transmitters, I feel that we should have the major input into system selection.

We had an interesting visitor, Robert Orban of Optimod "fame". He came by to plug AM pre-emphasis. Although I'm less than enthused, we will probably have to accept it and design to use it. Audio processing seems to me to be broadcasting's "dirty laundry". The first time I read a description of the Orban AM-Optimod, I nearly threw up. It was hard to believe that anyone would do that to audio and then claim to be "hi fi". . . Actually, we have done the same thing to our audio in order to increase intelligibility. Our objective is the same, to be heard over the competition (noise and other signals), but we are dealing only with voice and not music and on the same frequency. Audio processing seems to me to speak about the stupidity and/or bad hearing of the average listener. Not all of us are 12-year-old kids that think louder equals better!

John Jefferson advises that KXPR Sacramento finally moved to *90.9, saying that the old transmitter was too far from Sacramento for good city coverage. Pete Nolan says KYKR 93.3 Port Arthur TX does not yet have its translators on the air in La Marque and Freeport. "You mentioned in one column KTXN 98.1 Victoria being off the air. They haven't been off in the last two years that I know of—they have, however, a terrible signal for their power and HAAT. . . Driving toward or from Victoria their signal covers much less than KVIC or KZEU, the other two Victoria class C FMs."

Writes WDMA 105.5 Dover NJ: Next edition we would like you to include WDMA in your New York FM dial listings since we do have many listeners in the NJ-NY-Long Island area. . . Our transmitter at 1500 feet above sea level in Denville NJ gets out quite far. We real limits on reception are co-channel stations in Patterson NY and Tamaqua PA. We are one of the first stereo stations in the nation and received an Armstrong award for engineering. We remain state-of-the-art with a fair amount of digital equipment.

Club member Peter Nolan is now publishing a weekly rundown on AM-FM program and facilities changes, the "M Street Journal." Write him at PO Box 540381, Houston TX. There may be a discount if you mention you are a DXer. His ZIP Code, by the way, is 77254.

Now, I'll quit this long column typing, with the Composer and its ribbons giving me problems, and get on with the task of SCAtizing radios for several customers who want them by Christmas. I may even get in some more Colorado skiing (in did some over Thanksgiving) . . . Contributors to be listed next month, preventing this column from running into a ninth page!

Good DX!

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

JANUARY 1985

DEADLINE: 10th

SUPER LASTING MS BURST OBSERVED DURING NOV.

TECHNICAL RULES DELETED

The FCC has set some guidelines for technical regulation and eliminated some specific technical rules. Back in 2/17/83 the FCC adopted a Notice of Inquiry and Proposed Rule Making with the intent to eliminate those technical regulations that no longer served any purpose, and replace them with less constraining rules. The technical regulations were divided into four categories: Interference control, spectrum efficiency, interoperability and technical quality. The first two categories were later considered to be high priority; the latter two were considered better left up to marketplace influences, with such exceptions as distress systems.

The FCC had proposed elimination of specific rules dealing with receiver frequency stability, selectivity, desensitization and image frequency rejection of auditory assistance devices (part 15 of FCC rules); and minimum transmitter modulation capability, audio harmonic distortion, audio frequency response and pre-emphasis characteristics, carrier-amplitude regulation, noise levels and video signal characteristics (part 73).

The FCC, feeling that most services and equipment under FCC jurisdiction were sufficiently competitive to warrant deregulation of technical quality, decided that it would eliminate the part 15 rules mentioned above and most of the part 73 rules.

DATA TRANSMISSION SERVICES ON THE VBI

The FCC authorized data transmission services, such as computer software delivery and paging services, on the vertical blanking interval in either digital or analog mode.

VBI services will be considered ancillary to regular television programs, and as such will not be subject to "fairness doctrine," political broadcasting requirements, or public service obligations. Public broadcasting stations will be permitted to use the VBI in the same way as commercial broadcasters and to charge a fee for such services.

EQUAL OPPORTUNITIES COMPLAINT AGAINST KCPQ-TV

Ron Culpepper, co-chairman for the Pierce County Mondale-Ferraro campaign filed a complaint against KCPQ-TV in Tacoma, Washington. It seems that the station aired the movie "Storm Warning" on 9/6/84, starring Ronald Reagan, and Culpepper waited until October 9 to request equal opportunities on behalf of Mondale. (Actually, I didn't realize Mondale starred in any movies other than Fritz the Cat. Maybe he planned to air some of the Three Stooges films in behalf of Mondale, Ferraro and himself.) The station refused to grant him equal time. The FCC denied his complaint against the station.

DEMOCRATS FOR LAROUCHE FARE NO BETTER

On September 11, from 8-8:30 P.M. (EDT and PDT, I assume), ABC, NBC and CBS simultaneously aired a paid political broadcast for Reagan. The Independent Democrats for Lyndon LaRouche failed in their attempts to do the same. Upon complaining about discrimination and unfair opportunities to the FCC, the matter was looked into.

The FCC found that the Reagan team obtained the simultaneous time periods through good-faith negotiations, not discriminatory treatment. There was no collective coordination on the part of the networks to air the same promotion simultaneously. Any attempts by the FCC to force the networks to air the same program simultaneously would be a violation of their first amendment rights.

TYPEWRITER BREAKS DOWN

It has been reported that the typewriter belonging to the Television News editor had broken down and won't be fixed for at least a week.

However, the aforesaid Television News editor warned that, since he already had a lot of material prepared for this month's column, next month's column will be rather large.

Nice way to start the new year, huh?

(continued)

NEXT MONTH
in the V.U.D.

| | |
|--|--|
| Jim Pizzi, P. O. 1778, Lovington, NM 88260 | (505)396-3251 |
| 11/8 MS | 11/11 MS |
| 1225 WNNW 98.5 MI Coldwater, tent., female singing jingle, sounded like "WMWA" on car system | 1139 WAHR 99.1 AL Huntsville, calls 968 1140 unID's 88.1-107.9 east 1142 WKXX 106.9 AL Birmingham, ads, 959 "Kix-106" |
| 11/9 MS | 1145 WSYA 104.1 GA La Grange, ads 1058 |
| 2257 WNNW 98.5 MI Coldwater, tent. ".WN.." | 1148 WBAM 98.9 AL Montgomery, ads, 99FM 990 |

Let me pause to explain this reception. I was in the process of updating my "FM Atlas" from the Nov. VUD and was monitoring ch 2 and 98.5 for MS. All of a sudden both ch 2 and 98.5 came alive (nothing much before 1139). WAHR came booming in, but with MS flutter. Ch 2 was 3 or 4 deep. Checked chs 2-6 and found them 3 or 4 or more deep, each. Checked FM and found strong activity on every freq.! Many FM freqs. several deep! Had enough time to ID the above as the FM died out quickly at 1149. Just chs 2 and 3 left by 1151 and ch 2 gone by 1157. Wow!! This was the longest (18 min.) and strongest MS burst ever observed by me. The meteor that caused this must have been slow moving and as big as a house! A once in a lifetime event? I think so. Got above DX on tape, too. Hopefully, others heard or saw this DX or the meteor itself. Probably a path over AR, LA and the Gulf of Mexico. If anyone else observed this DX, let me know.

| | |
|--|---|
| 11/12 tr | 11/13 tr |
| 1910 KQTC 103.9 TX Brownfield, k,\$, "K-104" new on air, another blocked FM freq. s/off 2100 | 69 2004 ? 88.5 KIOF 104.7 image? xlator? 2218 KAYI 106.9 OK Muskogee, K-107, r, "bed check" pgm 489 |
| 11/13 tr | 11/14 tr |
| 0002 KYKX 105.7 TX Longview, ID 502 1002 KVGB 104.3 KS Great Bend, ID 450 1005 KEYN 103.7 KS Wichita, ID 461 1009 KHUT 102.9 KS Hutchinson, k 464 1006 KBUZ 106.5 KS Arkansas City, ads, nx 441 1013 KGSU 91.7 OK Stillwater 411 1913 KOQI 106.5 TX Jacksonville 466 1914 KJQJ 106.9 TX Conroe, ID'd as Houston 490 1959 KVNE 89.5 TX Tyler, ID, g 466 | 0125 KYKX 106.5 TX Galveston, SS rock 555 0135 KCFO 98.5 OK Tulsa, g 473 11/20 1741 unID 91.9 DF, Puebla area? TV in, m, SS Sergio Mendez type mx 11/21 tr 1046 KWHW 93.5 OK Altus, tent. r 11/28 MS 1008 KQKQ 98.5 IA Council Bluffs, r, 700 "...sweet FM...", in car FM |

Trops this month hasn't been great. 11/13 opening to the 14th could have been better, had UHF to St. Louis but no FM! Also high VHF to LA but no FM--seemed to be a wall out around 500 miles, nothing much beyond that limit. 73's til next report. (Danny, did you ever get any feedback on that Cartagena, Columbia FM reception? I was curious. Jim, I'm afraid I gave up on ever verifying that far flung reception. I sent a tape to a Radio Celeste using the address given in WRTH. A couple of months later it was returned to me--I guess they used Undersea Turtle Express, hi. Anyway the letter had a message on it that said "the city(Cartagena)no have this "Radio Celeste", no street "Rosario Castilla", I sorry, friend." I wish the WRTH had some reliable info for my case. I also sent letters to a couple of Cartagena stations to ask for assistance as well as a tape of my reception to the Colombian Embassy in Washington DC--all with no response. What else can I do? DB)

Report your FM DX to this column if you're from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, KS, KY, LA, MD, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Happy New DX Year!

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Worldwide TV-FM DX Association

NORTHERN FM-DX

Jan-85

This is going to be an exciting column, though awfully short unless some more of you contribute. We're not asking for your money like NPR stations do; just a few moments and a list of your DX. There's been fantastic Tropo and some E-Skip this fall. 1000 approx. mile Tr-ducts from FLORIDA, MUF 105.5 Es openings, etc... You just can't ask for more from the fall season. Unfortunately I've moved again in Ottawa, and my new QTH is lousy, so I myself have missed much of the DX, but it has been there. The annual mid-winter Tropo party is expected soon, either later this month or in February, so be on the lookout. I'm typing this Nov 21, and it is about 25°F outside, about 10°F colder than average; it may be a cold winter, that's my prediction. It's all worth watching, especially after a false sense of a summer season.

ARNCLD LAZARUS - 333 Candee Ave. #4E - Sayville NY 11782 (516)567-2545

MAY 1984
 5 Es
 2110 WMNF 88.5 FL Tampa s ID
 2111 WFLA 93.3 FL Tampa r ID
 6 Es
 1152 KLSI 93.3 MO Kansas City r ID
 1200 KLJC 88.5 MO Kansas City g ID
 1230 K1WR 89.7 IA Council Bluffs NPR ID
 1232 KMAZ 92.9 NE Beatrice ID
 1300 unID 89.7 SD "Nix!updateFromSDPubL.R."
 (KUSD?) (Yes, unless newer SD on 89.7-saul)
 1309 KFSI 88.5 MN Rochester
 11 Es
 1950 WXXQ 98.5 IL Freeport r ID
 1953 KGGG 94.9 IA DesMoines r ID
 24 Es
 0832 WINZ 94.9 FL Miami Bch r "I-95"
 0843 WFPX 88.5 FL Sunrise ID
 1525 KLSI 93.3 MO Kansas City m "Classy93"
 1529 KNIN 92.9 TX Wichita Falls r ID
 25 Tr (w/WRTN off-air)
 2030 WSCG 93.5 NY Corinth k ID
 2030 WRVW 93.5 NY Hudson m ID
JUNE 1984
 13 Es
 1750-2015 S.FL relogs.
 21 Es
 1747 KADL 94.9 AR Pine Bluff k ID
 1800 KTKS 92.1 LA Benton s ID
 1805 KAYZ 103.1 AR ElDorado ID
JULY 1984 5 Es
 1755 KTFX 103.3 OK Tulsa ID
 1800 WUSF 89.7 FL Tampa ID
 26 Es
 1758-1820 S. FL relogs (thank for tape;
 will return one
 with DX goodies-s)

DX with Carver TX-11 & Channel Master Probe 9 at 40'.
 JOSEPH PELA - 150 Robert Place - 92, Plainfield NJ 07080 ELT times.

JUNE 1984
 23 Tr
 1020 WPRE 99.9 MD Frederick b strong
 27 Tr (w/lcl WRSU off until mid-July)
 1901 WRHU 88.7 NY Hempstead ID exWVHC
JULY 1984
 3 Tr (w/WPRB off-air)
 0259 WHIT 103.3 MA Boston ID r exWEEI
 5 Es
 1800 KQCF 92.1 KS Coffeyville "Double Q" r
 (Strange opening: peaked very quickly & died
 just as quickly; lasted 90mins on TV so not MS)
 6 CW-Tr (WXTU off-air till early aft. Jul 7)
 1059 WMJQ 92.5 NY Rochester "newQ2" r ID
 1200 WING 92.5 VA Winchester ID r

AUGUST 1984
 6 Es
 1749 unID 91.9 FF talk re DeGaulle.
 (Ed: Arnold, you typed and said //91.9; I can
 not remember who you said it did // on our
 phone chat before I rec'd this report; let me
 know & I'll check it out; 91.9 is prob. SA)
SEPTEMBER 1984
 22 Tr
 2031 WITN 93.3 NC Washington r ID
 2034 WYYD 96.1 NC Raleigh ID
 2053 WKEZ 94.1 VA Yorktown k ID
 2058 WNNT 100.9 VA Warsaw "NNT"
 2100 WKHK 95.3 VA Colonial Hts r ID
 23 Tr turns into SUPER-TROPO:
 0808 WJZR 99.7 NC Kannapolis r ID and "Z-100"
 0910 WINT 94.9 FL Tallahassee k QTH ID 900miles
 and almost wet my pants. Good signal till 0930!
 0930 WRJA 88.1 SC Sumter SC Educ Net ID
 0935 WNCI 107.9 NC Greenville b ID
 1000 WLTR 91.3 SC Columbia SC Ed Net ID
 1100 WSB 98.5 GA Atlanta Top30USA prgm ID!!
 1131 unID 88.9 presumed WNSC SC RockHill//SC Eds.
 1718 WSPF 106.5 NC New Bern ID
OCTOBER 20 1984 OFF-SEASON E-SKIP!!!!
 1346 WLPR 96.1 AL Mobile b ID
 1349 WQUE 93.3 LA New Orleans r ID
 1350 WYLD 98.5 LA New Orleans r ID
 1351 WRNO 99.5 LA New Orleans r ID
 1359 WRKF 89.3 LA Baton Rouge ID
 1408 WFMF 102.5 LA New Orleans r ID
 1410 WKGN 103.3 LA Hammond k "Cajun-103"
 1411 KFRA 105.5 LA Franklin k ID
 1413 KYKZ 96.1 LA LkCharles k "Kicks-96"
 1426 WJMI 99.7 MS Jackson s ID
 1431 KHYS 98.5 TX PtArthur "Kiss-98-FM"
 1438 KEAZ 101.7 LA DeRidder b ID
 1441 KRRV 100.3 LA Alexandria sports ID

11 Tr
 0013 WEOS 89.7 NY Geneva ID r
 0101 WUWV 107.7 NY Wethersfield ID seemed to go
 from b to j at 0100 (I know they're j but b?-saul)
 0130 WKKW 104.1 PA Allentown w/ very low power,
 could barely get them; no sign of WNYS Buffalo
 or WTPA Harrisburg PA even.
 26 Es (brief)
 2002 KOBA 97.7 MO Doniphan ID
AUGUST 1984
 6 Es (brief)
 2000 KCRB 88.5 MN Bemidji ID into concert
 (noted WTSX 96.7 PtJervis NY exWDLG and WGRY
 103.1 Newburgh NY exWPMN.)

(more)

JOB PELA cont'd

AUGUST 9 Tr (fair to Norfolk VA)
 2200 WOBZ 95.3 NC Wauchese now r & 1st
 mistaken for WSEB on L.I.
 2220 WNSY 97.3 VA Norfolk r ID ex-WGH
 11 Tr (WKCR off, WVIA a pain)
 0836 WRVO 89.9 NY Oswego nx "FM90"
 0859 WOEL 89.9 MD Elkton g
SEPTEMBER 1984
 3 Tr
 0200 WJXJ 96.3 MA Nantucket "Joy96" exiGTF
 0206 CFMK 96.3 ON Kingston k "K96" weak
 9 Tr (WYNY off)
 0059 WREU 97.1 VT Rutland Nighttime Amer. RKO
 1000 WKGL 92.7 NY Middletown r ID exWALL

COMMENTS: I would like to compliment Mike Lapinski for hosting such a fine convention in Jamestown. Driving back I was a little amazed at what could be heard along I-81 between BinghamtonNY & Scranton PA on car radio. About 2 miles S. of Binghamton I got a clear ID out of WAYV 95.1 NJ Atlantic City; On 95.5 got WFGC, WPLI, CJBC-1; On 97.1 WYNY, WASH, CIGL; 99.5 WJBR; WDSO 94.7. I would think mountains should have blocked WAYV 95.1...are cx always like that up there Glenn Jacobs or Harry Hayes? 73.

MIKE BUGAJ - 69 Sherman Road - Enfield CT 06082 Sony 5130 tuner w/Finco FM-5 & rotor.

FEB 1984
 11 Tr
 2000 WXRI 105.3 VA Norfolk
 2000 WESR 103.3 VA Tasley
 2220 WCTX 92.1 PA Palmyra
 22 Tr
 1820 WENU 101.7 NY HudsonFalls "CBS World
 News Tonight" & "North Country Wx"
MAR 1984
 14 Tr (lcl WIHS off)
 1750 WUCA 104.9 MA Gloucester concert mx, ID
 31 GW-Tr (lcl WWHH 91.3 off) (WCUW 91.3 in also)
 1400 WCML 91.3 MA Stockbridge mono w/g
MAY 17 1984 Es
 1850-1900 KCFM 97.1 MO; WSSR 91.9 IL; and
 WILL 90.9 IL Champaign.

JUNE 1984
 9 Tr
 0400 WOFM 92.1 NC Moyock
 0415 WMZQ 98.7 DC Wash.
 0415 WQMS 103.5 DC Wash.
 0420 WLEV 96.1 PA Easton rare
 0430 WQSR 105.7 MD Cantonville
 0800 WQMR 91.9 MA Provincetown w/bluegrass and
 ERNIE COOPER promoting his bigband show!
 13 Es
 1830 WCMQ 92.1 & WWML 93.9 FL.
 21 Es poor openings
 2000 WMIX 94.1 IL & KKEG 92.1 AR
JULY 1984
 9 Es 2100 KVCL 92.1 only.
 23 Tr 2200 WCLW 105.3 OH Mansfield
 26 Es 2100 KLWT 92.1 MO Lebanon

COMMENTS: The 1984 Es season was a total washout. From May 15-30 my tuner was in the shop for a tune up so I'll be ready for the upcoming skip season. Little did I know that those two weeks in May were the skip season. The Tr of Sept 13 & Oct 13 had to be influenced by hurricanes Diane & Josephine...cx Oct 13-14 were good all day & night from Bangor ME to Baltimore MD at least. For those who want wx maps for wx info to indicate potential DX, I recommend the WEATHER CHANNEL on cable TV. I don't think anyone else gives as much information. It's very useful. We've been hooked up to cable for over a month so I can TV DX without bothering anybody. That's all from here, Mike. (nice meeting you, too, at J'town-saul). (more if reports come)

UNRELATED TIDBIT DEPARTMENT... 73 Magazine carried an unusual article entitled "You can watch those secret TV channels" by Jim Barber and Jevon Lieberg, in the AUGUST 1979 issue on pages 32-43. For a different look at TV than from what we DXers are used too.....

JAN 1985, NORTHERN FM DX (2)

22 Tr
 2000-2300 many NCs strong (WITN 93.3, WSFL 106.5, and WNCI 107.9) Norfolk VA well but not exceptional.
 2100 WSJL 102.3 NJ Cape May g exWRIO
 2128 WQQQ 100.9 NC Wilmington lcl ads college fb
 2142 WKYZ 105.5 MD Salisbury b o/lcl WDHA
 2215 WYYD 96.1 NC Raleigh ID more toward soft r than b; no WWHH so assume still not on.
 2257 WJTL 90.3 PA Lancaster g exWPTG
 23 Tr
 0200 WJYJ 90.5 VA Fredericksburg g "90-Joy"
 0201 WMDM 97.7 MD Lexington Park w/unusually late s-off.

AUGUST 1984
 2 Tr 0400 WPNR 90.7 NY Utica (you sure you got an ID on them; new to air and I didn't get 'em while driving thru SYRACUSE AREA. FM ATLAS says 430 watts-saul)
 9 Tr usual to Norfolk.
SEPT 1984
 8 Tr
 2040 WBEN 102.5 NY Buffalo in excellent
 2043 WFBG 98.1 PA Altoona
 2045 WNEB 94.5 NY Buffalo c
 2140 CKUE 101.1 ON Smith's Falls
 2145 CHEZ 106.1 ON Ottawa
 2250 WFRB 105.3 MD Frostburg
 2250 WKKW 106.5 WV Clarksburg
 2300 CHUM 104.5 ON Toronto
 9 Tr
 0025 WDVE 102.5 PA Pittsburgh
 0030 WQXX 94.1 PA Sunbury

13 Tr
 1940 WSGS 101.1 KY Hazard ph-in sports prgm in mono & good ID in Stereo at 600 MILES.
 1955 WFRB 105.3 MD Frostburg bluegrass prgm
 2030 WHP 97.3 PA Harrisburg
 2135 WUSQ 102.5 VA Winchester "Q-102" k
OCTOBER 1984
 8 Tr
 0630 all Norfolk Va area stns very good
 13 Tr
 0820 WYYD 96.1 NC Raleigh r strong thru WSRS.
 0822 WTVR 98.1 VA Richmond k
 0826 WKEZ 94.1 VA Yorktown k
 0827 WRAL 101.5 NC Raleigh r alone on freq & was pegging the meter.
 0850 WRVQ 94.5 VA Richmond Rick Dee's Top40.

WM.R.HEPBURN - AES - BOX 120 - Resolute Bay NWT XOA OVO

Jan 1985, NORTHERN FM DX (3)

*NOTE DX from NIAGARA FALLS ONT & Bill will be living in Cornwall Ont by end of Jan. In between, he'll be in NWT. Rcvr: Sony ICF-2002 w/whip. Times EDT.

OCTOBER 1984

| Call | Freq | Loc | Power | Notes |
|------------|-------|----------------------|-------|---|
| 5 Tr | | | | 14 Tr |
| 2024 CJBC4 | 99.3 | ON London | 104 | 0048 WJOM 91.7 MI AnnArbor (T) Bill...when |
| 2115 WCPN | 90.3 | OH Cleveland | 170 | 0048 WKAR 90.5 MI East Lansing (T) you're in Cor- |
| 2129 WRBO | 97.1 | OH Ashtabula | 118 | 0056 WRIF 101.1 MI Detroit 210 nwall, check |
| 2201 WAPS | 89.1 | OH Akron | 185 | 0056 WDET 101.9 MI Detroit 210 97.3 at day |
| 2214 CBEG | 106.3 | ON Sarnia //CBE-AM | 165 | 0101 WGR 107.5 MI Detroit (T) for CKON-FM, |
| 2358 WYLF | 95.1 | NY Bristol Center | 81 | 0107 WNIC 100.3 MI Dearborn (T) at 50 watts |
| 6 Tr | | | | 2252 WZZY 95.5 MI Detroit 210 on St. Regis |
| 0009 WRIF | 101.1 | MI Detroit | 210 | 2350 WBJC 94.7 MI Birmingham (T) at Corn. Isl. |
| 0138 WOSE | 94.5 | OH PtClinton | 225 | 2353 WPBE 95.1 MI Flint (T) The indians |
| 1923 CBCM | 107.5 | ON Penetanguishene | 130 | 15 Tr (ed: Baldwinsvl not Syracuse). have started |
| | | CBC Ontario Service) | | 2115 CJMX 105.3 ON Sudbury 255 a pirate stn. |
| 2028 WPKY | 97.9 | NY Rochester | 73 | 2313 WSEN 92.1 NY Baldwinsville (?) & if you've |
| 7 Tr | | | | 16 Tr any basis for |
| 0001 CJMX | 105.3 | ON Sudbury | 255 | 0218 WOSE 94.5 OH PtClinton (T) solving unIDs |
| 10 Tr | | | | 28 Tr send to CCI. |
| 2352 WCML | 91.7 | MI Alpena | 255 | 2024 WKAR 90.5 MI EastLansing 275 |
| 12 Tr | | | | 2100 WGMU 89.5 MI MtPleasant 280 Yer editor |
| 2313 WHYPT | 100.9 | PA North East | (T) | 2159 WNCQ 97.5 NY Watertown 175 hates to |
| 2359 WFSE | 88.9 | PA Edinboro | 96 | 2206 WRIF 101.1 MI Detroit 210 waste, precio.. |
| | | | | 2233 CFMK 96.3 ON Kingston 150 US VUD space.. |

COMMENTS: Some Tr here while on holidays at home. I'll be in Resolute Bay till end January, then off to Cornwall again. I'll at least hit the 200 mark for FM one of these days, hi!

73's, Bill.

EDITOR THREATENS TO BLOW UP WTPDA HQ IF NORTHERN FM DX REPORTS ARE NOT RECEIVED

Now you don't want to read this headline in your next VUD, do you? No small friendly DX club should ever be subject to terrorism. Seriously, the only reason my report makes page 3 of NORTHERN is because there are no others. While its been a banner Tropo Fall, I've had little, because I've moved from a good QTH into a bad one. Never FM DX from a basement; it's not much better than your average bomb shelter (which won't matter since when we're in them our primary concern will not be FM DX) I may be moving once again; the deal here was room and board, and, while I like exotic foods, soup-a-la-insect does not tantalize my tastebuds; nor does the DX here: All NOVEMBER 1984 Tropo:

9 Tr(still at 2nd Ave. QTH OTTAWA)
 0035 CBBK 92.9 ON Kingston CBC EE \$
 15 Tr(MOVING DAY...last chance DX)
 0752 CBEP 103.9 ON Peterboro CBC EE \$
 0753 CBEP 93.5 ON Ptbo CBC mono EE
 0810 CJBC-106.3 ON Ptbo CBC FF mono
 0815 CKQM 105.1 ON Ptbo lcl ad k

At 1251 Livingstone (ottawa):
 27 Tr While people in upstate (HQ)
 N.Y. were getting Ottawa well, all
 I had was a nice "Rock 102" on
 102.5 (WBBN Buffalo NY) at 0242.
 Lcl CBOF off-air. So was CBO-FM
 103.3 but no trace of WPHD.

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| PALESTINE | TX |
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| SPRINGFIELD | VA |
| ARLINGTON | VA |
| CHESAPEAKE | VA |
| NORFOLK | VA |
| SEATTLE | WA |
| SPOKANE | WA |
| WEST ALLIS | WI |
| MANITOWOC | WI |
| GREENFIELD | WI |
| TOMAH | WI |
| MARSHFIELD | WI |
| CLINTONVILLE | WI |
| MADISON | WI |
| KEWAUNEE | WI |
| BLACK RIVER FALLS | WI |
| AMERY | WI |
| GREEN BAY | WI |
| FALL CREEK | WI |
| GREENFIELD | WI |
| MILWAUKEE | WI |
| HALES CORNERS | WI |
| KENOSHA | WI |
| HARRISVILLE | WV |
| GRANTSVILLE | WV |
| BRIDGEPORT | WV |
| HERNDON | WV |
| PARKERSBURG | WV |

Out of Sync

Last month's FROM THE STAFF (page 2, December 1984 VUD) mentions the "DX Distance" article as appearing in the July 1984 issue. In fact, it was run in the August 1984 VUD issue. We apologize to those of you who tried to order the wrong back issue because of this!

We neglected to mention that the logos on page 24 of last month's issue were via Alan Hyams. Thanks to all of you who send us logos, which are run strictly on a space-available basis.

Many newspaper clippings regarding the TV and FM broadcast industries are sent to club HQ every month. We appreciate this, but prefer that they be sent directly to either TELEVISION NEWS or FCC FM NEWS. For the sake of both space and accuracy, newspaper clippings usually are not very suitable for use in the VUD, especially since this is a monthly publication.

VHF UTILITY DX

Donald L. Blevins
1657 Essextowne Circle
Baltimore, MD 21221
phone: 301-391-3408



VHF UTILITY DX....This month will feature the continuing saga of the public utilities and a feature sent in from new member Marshall Cubitt of Smith Falls, ON Canada.

MAINE

AUGUSTA WATER DISTRICT
48.38
BANGOR HYDRO ELECTRIC CO
37.50
BANGOR HYDRO ELECTRIC CO
37.70
BANGOR HYDRO ELECTRIC CO
37.54
BANGOR WATER DISTRICT
48.40
BATH WATER DISTRICT
153.59
BREWER WATER DISTRICT
48.51
CAMDEN AND ROCKLAND WATER CO
153.65
CARRABASSETT LIGHT + POWER
47.80

Central Maine Power Company
153.53 48.10 47.86 47.72 48.10 47.98
451.10

CLINTON WATER DISTRICT
158.175
DAMAZICOTTA NEW CASTLE WATER
153.65
EASTERN MAINE ELECTRIC COOP
47.82
GARDINER WATER DISTRICT
158.235
HOULTON WATER COMPANY
37.74

KENNEBEC WATER DISTRICT
158.22
KENNEBUNK LIGHT + POWER
158.265
KITTEERY WATER DISTRICT
48.06
LUBEC WATER + ELEC DIST
153.47

MAINE (STATE OF)
451.25
MAINE (STATE OF)
451.175
MAINE (STATE OF)
451.05
MAINE PUBLIC SERVICE CO
153.41
MAINE PUBLIC SERVICE COMPANY
37.86

Maine Yankee Atomic Power Company
158.13 153.725 153.545 153.455

NORTHERN UTILITIES INC
153.695
PORTLAND WATER DISTRICT
48.18
RUMFORD WATER DISTRICT
48.24
SANFORD WATER DEPARTMENT
153.47
UNION RIVER ELECTRIC COOP INC
47.76
UNION WATER COMPANY
158.16
UNION WATER POWER CO
153.44
VAN BUREN LIGHT + POWER DIST
153.56
WALDO (COUNTY OF)
451.20
WARREN WATER DISTRICT
153.425

VERMONT

BARTON (VILLAGE OF)
48.00
BURLINGTON (CITY OF)
48.14
CENTRAL VERMONT PUBLIC SERV
451.25
CENTRAL VERMONT PUBLIC SERV
451.125
CENTRAL VERMONT PUBLIC SERV
37.68
CENTRAL VERMONT PUBLIC SERV
37.56
CITIZENS UTILITIES CO
48.46

GREEN MOUNTAIN POWER CORP
48.54
GREEN MOUNTAIN POWER CORP
48.04
LYNDONVILLE (VILLAGE OF)
48.06
MORRISVILLE (VILLAGE OF)
158.19

New England Power Service Company
48.48 48.24 48.12 47.96 47.88 48.50

ORLEANS (VILLAGE OF)
48.00
PUBLIC SERV CO OF NH
153.615
STOWE (VILLAGE OF)
158.22
VERMONT ELECTRIC CO-OP INC
158.175
VERMONT ELECTRIC CO-OP INC
153.665
VERMONT GAS SYSTEMS
37.64
VERMONT MARBLE CO
153.53
WASHINGTON ELEC CO-OP INC
47.80
WASHINGTON ELECTRIC CO-OP INC
48.62

NEW HAMPSHIRE

CENTRAL NH PUBLIC SERV CO
37.56
CENTRAL VT PUBLIC SERV CORP
37.68
CONCORD ELECTRIC CO
37.58
CONCORD NATURAL GAS CORP
47.84
GAS SERVICE COMPANY
153.47
GRANITE STATE GAS TRANS CO
48.52
GRANITE STATE GAS TRANS CO
37.74
HUDSON WATER COMPANY
158.205

New England Power Service Company
48.54 48.48 48.42 48.12 48.06
47.96 47.88 451.15 48.30

NEW HAMPSHIRE ELECTRIC CO-OP
48.32
NEW HAMPSHIRE ELECTRIC CO-OP
47.90

Public Service Company of New Hampshire
158.25 153.575 153.515 153.485 451.175

UNION WATER POWER COMPANY
158.16

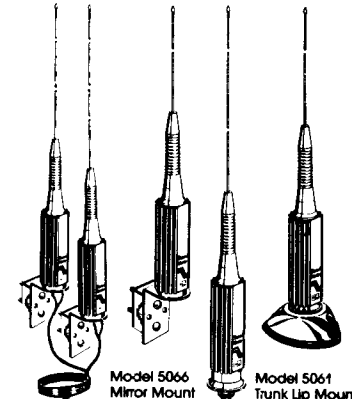
Marshall Cubitt
5 Strathcona Street
Smith Falls, ON K7A 1V6
CANADA

Ontario Provincial Police 42.06 mhz

| | |
|-----------------------|---------------------|
| XJB 81 Long Sault | XJB 79 Belleville |
| XJB 241 Hawksbury | XJB 77 Peterborough |
| XJB 62 Ottawa | XJB 83 Bancroft |
| XJB 64 Pembroke | XJB 51 Whitby |
| XJB 80 Perth | XJB 52 Port Credit |
| XMI 600 Kempsville | XJB 53 Geulph |
| XJB 63 Brockville | XJB 66 Downsview |
| XJB 242 Morrisburg | XJB 72 Barrie |
| XJB 217 Gananaque | XJB 73 Oakridges |
| XJB 68 Kingston | XJB 74 Burlington |
| XJB 237 Sharbott Lake | |
| XJB 67 Napanee | |

42.06 Car to Car
42.22 Car to Base
41.48 Boats and Aircraft
42.00

MOBILE ANTENNAS



Model 5067 Dual Mirror Mount Model 5066 Mirror Mount Model 5065 Snap-In Push Mount Model 5061 Trunk Lip Mount

ANARC UPDATE

STEVEN P. SPRACHMAN
39-16 48 Street
Sunnyside, N.Y. 11104

RADIO IN COLOMBIA AND ECUADOR

In August, my wife and I went on vacation. We spent two weeks in these two wonderful South American countries. We visited 4 cities in Colombia, medellin, Bogota, Cali and Cartagena. And we visited the capitol of Ecuador, Quito for three days. I was given plenty of time to listen to the local radio stations in each city. What I found was very interesting and much different from what I have found in other places I've been to.

This report may have some inaccuracies due to less than ideal conditions. Percise frequencies could not be provided from the radio I brought, a SONY ICF 7600. A major language barrier exists. My Spanish vocabulary consists of very few words. My wife's command of the language got us around and kept us out of trouble. But, she couldn't sit with me and translate everything that was said on the radio. There was inadequate time to fully study the radio situation in each city. DX'ing while on vacation is fun, but you can't expect to do a thorough job.

The first thing you notice, even before you get a chance to turn on a radio, is that radio is everywhere. It is on in the taxi one takes from the airport to your hotel. It is on in the city bus. Next to each stall selling the strangest looking food is a radio blasting the latest Latin American music.

The AM band in the major cities is crowded with stations. Each station plays a different form of South American music. Bogota, the capitol of Colombia, and the country's largest city, has 31 AM stations. Medellin, the second largest city has 28 stations. Cali, the third largest city has only 24 AM stations. Cartagena, which at a population of 50,000 is a small town compared to the other cities, has 11 stations on the AM band. The situation in Quito, Ecuador is the same as in its northern neighbor, with 30 AM stations.

With the AM band so crowded, I figured the FM band would be equally crowded. This was not the case. Bogota has only 17 FM stations, Quite has 16 stations, Cali has 13 stations, Medellin has 11 FM stations and Cartagena has only 4 stations on the FM band.

Most stations are privately owned. Most are commercial stations. There are several religious stations. Only in Bogota, Quito and Medellin were the Government stations heard. Several municipal stations listed in the World Radio TV Handbook, were not heard.

All stations in Colombia and Ecuador have call letters. Normally, a station uses a name to identify themselves. Call letters were only used during the official ID at the top of the hour. An official ID would be something like 'this is Radio Bolivar, HJSS, broadcasting on 870 kcs from Medellin, Republic of Colombia' (not a real station).

Programming on these stations varied. Most stations played music. There are as many forms of Latin American music as there are stations. American Rock and Roll is not very popular. Only one or two AM stations played Rock music. On FM, two or three stations played Rock music. Classical music was found on the government stations. The language of the broadcasts were Spanish. English and German language lessons were found on one station. Only one English language newscast was heard over HCJB's FM station in Quito. It was a rebroadcast of their newscast on shortwave. The rest of the time they played beautiful music. One FM station in Cartagena played excerpts of American Top 40 once an hour. Casey Kasem would count down one song an hour in English and the rest of the programming was in Spanish, including the promos for the AT40 spots.

The technical quality on FM was very good, while on AM it varied. Many FM stations are in stereo. The stereo stations announced this in their names. Many are owned by the various networks in Colombia. The biggest networks are Caracol, Sutatenza, Todolar, and RCN.

Of all the locations we visited, Cartagena was the best for DX'ing. It was obvious how good a location it was for AM DX'ing. Its location on the Caribbean coast provides for all water paths to Central America, Cuba and even Miami. At night, two Miami stations, WIOD 610 and WGBS 710 came in loud and clear with very strong signals.

Shortwave is still used by many Commercial stations in Colombia and Ecuador. Shortwave allows for stations to be received in other cities where the AM band is too crowded to allow any distant AM stations to be heard. Also, large areas of the country lack any local radio stations. This is very true

of the large Amazon regions of both countries. And finally, Shortwave, as any Shortwave DX'er knows, allows for international reception of the station. On the 49 meter band, I was only able to hear those Colombian stations that are regularly heard in North America.

The radio in both countries turned out to be very interesting and exciting to listen to. Whenever you travel internationally, bring a radio. You will like what you hear!

Next time I'll have a survey of television in Colombia and Ecuador. I hope everyone had a wonderful holiday season and got everything they wanted for Christmas. (So I didn't get the Rolls Royce and Lear jet, but I got some other neat things.) I wish everyone the best of DX this coming year.

Hasta el tiempo de nuevo,

73's

Steven P Sprachman
(and Joyce)



LA GALAXIA DEL SONIDO FAMILIAR



BUSCANOS AL FINAL DEL DIAL

PROGRAMACION DE CANAL 107 FM - STEREO
LUNES A VIERNES

VICENTE 1o de Octubre de 1984

| HORAS | PROGRAMA | TIPO DE MUSICA |
|--|------------------------------------|--|
| 0600 | "NUESTROS ARTISTAS EN 107" | Musica moderna y selectos de exitos interpretados SOLAMENTE por artistas nacionales |
| 0700 | "MEMORIES" | PROGRAMA VIVO: Comentarios y musica de exitos norteamericanos del ayer |
| 0800 | "LABORANDO CON MUSICA" | Musica suave y lenta. Se alternaran ritmos en ingles y Espanol con los contemporaneos |
| 1200 | "NOTI ESTRELLAS EN 107" | Programa vivo "DUPLEX" Noticias y comentarios sobre las estrellas del disco, cine y TV. Musica tipo HOT 100 |
| 1300 | "ALMORZANDO CON MUSICA" | Musica suave en ingles solamente. Jazzy lentos. tipo soul. musica brasileira |
| 1400 | "HITS EN 107" (I PARTE) | Temas totalmente NUEVOS, del Ranking BILLBOARD |
| 1500 | "CARTELETA EN 107" | Programa VIVO "DUPLEX" Noticias del mundo del espectáculo de la ciudad, entrevistas a artistas que nos visitan. Concursos y Premios. |
| 1600 | "MUNDO ROCK" | Programa VIVO: Programa de musica rock, amenizado con comentarios sobre interpretes rockeros y concursos entre los fans |
| 2000 | "SENTIMIENTOS DE AMOR" | Programa VIVO: Programa romántico. Invitado a cabo por una voz femenina |
| 2100(*) | "HITS EN 107" (II PARTE) | Musica posica para enamorados, con características selectivas |
| 2300 | "NOSTALGIAS DE 107" | Programa VIVO: Musica de los años 50 y 60 |
| 2400 | FIN DE LA PROGRAMACION | ENTRE del ayer (en Espanol) Musica breve: refajante CIERRE |
| Viernes 2100 a 2400 "FIN DE SEMANA EN 107" | | Musica moderna. Batable. Tipo Discoteca |
| SABADO | | |
| 0600 | "NUESTROS ARTISTAS EN 107" | Idem Lunes a Viernes |
| 0700 | "DESCANSANDO CON MUSICA" | Musica suave instrumental, ritmos lentos en ingles y espanol |
| 0800 | "HITS DE FIN DE SEMANA" (I PARTE) | Exitos BILLBOARD. Comentarios del Ranking semanal |
| 1200 | "CADENA DE AER" | Programa en "VIVO" Una hora de concierto con un artista de lenguaje o no hispanico. Comentarios sobre el mismo |
| 1300 | "HITS DE FIN DE SEMANA" (II PARTE) | Musica moderna batable. Tipo DISCOTECA |
| 2000 | "EL INVITADO EN 107" | CIERRE |
| 2100 | "FIN DE SEMANA EN 107" | |
| 2400 | FIN DE PROGRAMACION | |
| DOMINGO | | |
| 0600 | "NUESTROS ARTISTAS EN 107" | Idem Lunes a Viernes |
| 0700 | "DESCANSANDO CON MUSICA" | Musica suave instrumental, ritmos lentos en ingles y espanol |
| 0800 | "HITS DE FIN DE SEMANA" (I PARTE) | Exitos BILLBOARD. Pasados y Contemporaneos. Ritmos fuertes y suaves |
| 1400 | "OBRAS MUSICALES EN 107" | PROGRAMA EN "VIVO" Musica original de algun exito de Broadway, o de alguna pelicula musical. Comentarios al respecto |
| 1900 | "HITS DE FIN DE SEMANA (II PARTE) | Exitos BILLBOARD. Pasados y contemporaneos. Ritmos fuertes y suaves |
| 2100 | "FIN DE SEMANA EN 107" | Musica moderna y variada. En ingles y espanol |
| 2400 | FIN DE PROGRAMACION | CIERRE. |

C.C.I. [UNIDENTIFIED DX]

Robert Grant, KDBEN
5775 Bishop
Detroit, MI 48224.
January, 1985.

TV unIDs:

Jeff Kadet, Box 20, Macomb, IL 61455.
 1984: Wed 19 Sep Tr ch 43 0538 CDT-- CBP, 0600 sign on "TV-43...studios at 1616 ????.
 transmitter on Old ?????? Road.." (PTA: SE/SSE.)

Jeff Wolf, 1131 University Blvd.W, Apt 701, Silver Spring, Md 20902.
 1984: Sun 14 Oct Tr ch 40 0733 EDT-- Discussion pgm w/woman talking. (WICZ,WMMN,WGGB,WKFT?)

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.
 1984: Fri 29 Jun Es ch 5 1740 MDT-- "Three's Company" (PTA: MN,ND,SK.)
 " " " ch 2 1744 MDT-- "Bewitched" (PTA: " ")
 Sun 1 Jul Es ch 3 1104 MDT-- movie with Gregory Peck as a western dude, plus offset.
 (PTA: MI.)
 " " " ch 2 1158 MDT-- "Bionic Woman" (PTA: MI,ON,MB.)
 Tue 3 Jul Es ch 3 1424 MDT-- "The Incredible Hulk" (AL,FL,GA,LA.)
 " " " ch 3 1748 MDT-- "M*A*S*H" (PTA: IA,MN,IL.)
 Thu 5 Jul Es ch 5 1036 MDT-- Jacques Cousteau in EE w/ SS subtitles.(PTA: MX)
 Sun 8 Jul Es ch 3 1921 MDT-- EE cowboy movie w/ SS subtitles. (PTA: Baja Peninsula.)
 Thu 12 Jul Es ch 2 1003 MDT-- "Mary Tyler Moore Show", plus offset. (PTA: NEast.)
 Thu 19 Jul Es ch 3 1705 MDT-- "Wheel of Fortune" (PTA: E)
 Mon 23 Jul Es ch 2 1546 MDT-- "Hogan's Heroes" (PTA: NEast)
 Tue 31 Jul Es ch 2 1353 MDT-- ad for Ontario Motor League/CAA.
 Sun 5 Aug MS ch 2 1014 MDT-- Discussion pgm.: "Sound Off" (PTA: NEast)
 Mon 6 Aug Es ch 3 2149 MDT-- "M*A*S*H" (PTA: OH,IL,MI.)
 Mon 13 Aug MS ch 2 0235 MDT-- "700 Club" (PTA: NEast)
 Sat 18 Aug MS ch 2 0043 MDT-- Wrestling (PTA: NEast.)
 Thu 10 Sep Es ch 3 1044 MDT-- "Laverne & Shirley" (PTA: CA.)
 Mon 6 Sep Tr ch 43 0928 MDT-- ID as KAMR-4, Amarillo, TX. (PTA: TX Panhandle)
 Sat 13 Oct Es ch 2 1136 MDT-- Roy Schieder movie (PTA: NEast.)
 Thu 11 Oct Es ch 67.0213 MDT-- XLTR of KOAT-7, Albuquerque, NM. Not K67CS.
 Sat 20 Oct Tr ch 2 2236 MDT-- car racing movie, ad for "Al Piemonte's Arlington Heights
 Ford". (Arlington Hts.is a suburb of Chicago. so WBBM -RG)
 " " " Es ch 2 2238 MDT-- movie: "The Graduate" (PTA: MI,IL,OH.)
 Sat 3 Nov Tr ch 15 0113 MST-- Rock Videos (PTA: ENE.)
 " " " ch 20 0146 MST-- movie, lok beat to KTXN-20. (PTA: ENE.)
 " " " ch 19 0158 MST-- movie. (PTA: heading between OKC and Little Rock.)
 Thu 8 Nov Tr ch 63 0126 MST-- Spanish Lessons, not OETA. (PTA: OK.)
 " " " MS ch 3 0346 MST-- large black diamond with white lettering. (PTA: ENE.)
 " " " Tr ch 19 0417 MST-- children's pgm w/ hand puppets. (PTA: E)
 " " " ch 19 0505 MST-- "PTL Club", minus offset. (PTA: NEast)
 " " " ch 18 0535 MST-- OETA (PTA: South Central OK.)
 Tue 13 Nov Tr ch 52 0957 MST-- KQMC-34 pgmg, not Childress, TX. (PTA: OK.)
 " " " ch 25 1019 MST-- NBC, plus offset (Kansas City UHF's in, suspect WEEK.)
 " " " ch 19 2358 MST-- xltr of KMD-2, Midland, TX. (PTA: ESE)
 Wed 14 Nov Tr ch 55 0308 MST-- CBS (PTA: OK,KS.)
 " " " ch 29 0311 MST-- CBS (PTA: OK,KS.)
 " " " ch 40 0322 MST-- 20 kHz beat to K40AG, Strong City, OK. (PTA: NNW.)
 (Maybe if K40AG was in Weak City you would have IDed
 (this one, hi. -RG)(oops!, I forgot, unID had CBS.)
 " " " ch 78 0326 MST-- xltr of KWTN-9, Oklahoma City, OK.) (PTA: OK.)
 (perhaps K78EX, Marceline, MO (KMBC)?? -RG)
 Fri 23 Nov Es ch 2 1747 MST-- "Entertainment Tonight" w/ ads for "Handy City"
 and "Richway" (PTA: NEast) (not WJBK -RG)
 " " " MS ch 2 1758 MST-- "Three's Company" (PTA: NEast)
 " " " ch 2 1759 MST-- "....W....TV's I-TEAM...." (PTA: " ")
 (Jim, sorry I had to wait until I had 3 of your reports until I had enuf for a column,
 if we all lived in Lovington I could get everybody's reports done faster, but I would
 have to quit my job, hi. Tnx for the TV "guides" -RG)

FM unIDs:

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.
 1984: Tue 16 Oct Es 103.9 1910 MDT-- "2-104", rock format. (ND,MT,ID,WY,OR,UT.)
 Tue 13 Nov Tr 88.5 2004 MST-- KIQF-104.7, Lamesa, TX. (image? xltr?) (PTA: Midland area)
 Tue 20 Nov Es 91.9 1741 MST-- SS, m, Sergio Mendez-type mx. (PTA: Mexico.)

CCI- unidentified DX

January, 1985.

TV IDs:

John Combs
 1984: Tue 5 Jun Tr ch 35 0200 EDT-- ID slide. (PTA: SC,VA,KY.) (Jeff Wolf suspects
 WRLH-35, Richmond, VA. and sent a drawing of their ID slide, but on lined paper,
 so I had to redraw it.) (remember, everybody: all drawings must be black ink
 on white bond, unlined. never bigger than 2 1/2 X 3 1/2 (best size for drawing a full screen.)

I soon hope to have my 40-meter dipole antenna #
 installed and ready to use. If you are a ham with #
 40m capability and want to talk FM/TV or other DX #
 (by voice or code) let me know. #

Happy new year. For some reason it doesn't #
 seem like 3 years I have been doing this column. #
 maybe DX, a bore in '84, will be alive in '85! #
 73 & a nice 1985. #

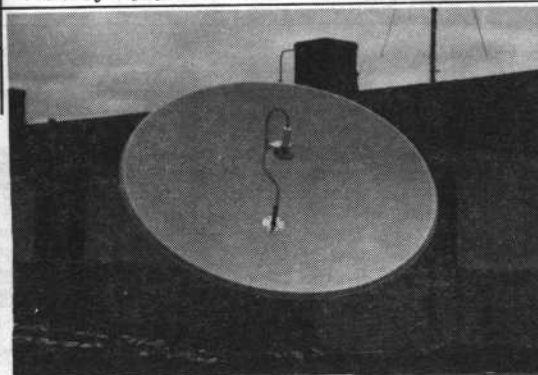


Worldwide TV-FM DX Association

PHOTO-NEWS

David J. Nieman
12284 Nice Road
Akron, NY 14001
U.S.A.

January 1985



We start off 1985 with a
look at Jim Pizzi's ant-
enna set-up.....

The satellite dish used
by Jim is a 10' PRODLIN.

On the right we have his
CHANNEL MASTER CM-1110
VHF antenna with a WINE-
GARD AC-9990 preamp.....

(continued on page 32)

WESTERN TV-DX

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

Western TV DX

January 1985

January 1985

Deadline: 2-8-85

A nice collection of DX reports is on hand this month. DX was dominated by tropo, of course, and once again some super tropo was observed, including loggings from beyond 800 miles by both Jeff Kadet and Jim Pizzi.

I would also like to call attention to Jeff's observation of W49AA, Springfield, on November 12 at a time when it was putting no less than three television broadcast signals on the air, none of which were the proper one. DXer's BEWARE! At the risk of belaboring the point, remember that during super tropo openings there are almost certainly going to be signals observed that are not really what they seem to be. I would like to keep the incidence of reports of dubious translator loggings to a minimum, but I have little desire to get involved with second guessing the observations of DX reporters. It is up to you, the DX'er, to consider the various possibilities before reporting a new translator logging. Reports of unids, of course, are of interest and others may help with an ID.

It has been my experience that, at least in Minnesota, translators just do not get on the air before there has been, at the very least, an official report of an application having been made. I know there are exceptions to this, but I believe that the majority of loggings can be attributed to translators which are already on the FCC published lists, and for various reasons may be emitting signals other than those which are expected.

For the exceptions, one possibility is what Bill Fahber recently pointed out in his column; operation of facilities prior to construction permit grant under special temporary authority. I don't know much about this practice, but I wonder if it isn't possible that the FCC has allowed translator operators to speed up their move out of the channel 70-83 region in cases where they have begun to experience radio interference.

While on the subject of translators, a couple reporters this time praised the Translator-Low Power TV List which Bill recently completed. I would like to add my wholehearted second to that. It is an exceptional reference and we owe a lot to Bill for all the time which he put into it. I'm sure Bill would welcome any corrections and/or updates to the list.

New ___ New Mode ___ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ ___ Unid Color Bars - % IHTP - φ Misc. Test Patterns - &

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

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55'

| | | |
|---------------------------|----------------------------|---------------------------|
| November 1984 | 12 tr 0457 W49AA 49 IL 70 | 13 tr 0442 WLTZ 38 GA 635 |
| 3 tr 0500 KTBO 14 OK 510 | (Noted w/WTWO-2 on 48, | 0445 &WXTX 54 GA 635 |
| KOKH 25 OK 510 | WSIL-3 on 49, & heavy | (Res TP-s/on 0500) |
| 0652 K42AM 42 IA 100 | CCI (KMOX-4/WTIV-4?) | (Station # 500!) |
| (Ottumwa LPTV) | on 50. All before | 0505 @WATL 36 GA 575 |
| 0808 KGMC 34 OK 510 | normal WCIA-3 s/on.) | 0510 WVEU 69 GA 575 |
| KAUT 43 OK 510 | 1900 WBMG 42 AL 575 | WHNT 19 AL 455 |
| 0831 KXTX 39 TX 640 | 2100 WJSP 28 GA 635 | 0530 +WJSU 40 AL 545 |
| 0932 KVUE 24 TX 815 | 2158 WATL 36 GA 575 | 0532 WMTT 41 GA |
| 1000 KTVV 36 TX 815 | 2209 WCMV 27 MI 370 | 0537 WETV 30 GA |
| 1030 KEVO 42 TX 815 | 13 tr 0102 WITTO 21 AL 575 | 0615 WTVK 26 TN 475 |
| 1032 KLRU 18 TX 815 | 0117 WKAB 32 AL 615 | WATUT 26 GA |
| 1102 KTAB 32 TX 755 | 0258 WCOV 20 AL 615 | 0634 WIIQT 41 AL |
| 1111 KRIV 26 TX 795 | 0310 WKPC 15 KY | 0645 +WCLP 18 GA 510 |
| 1200 KRLD 33 TX 640 | (AN w/bulletin bd -mx) | 0700 WTCI 45 TN 475 |
| 11 tr 2300 KOKI 23 OK 415 | 0340 WSFJ 51 OH 425 | 0724 WGNX 46 GA 575 |
| | 0352 WTBST 17 GA | 0727 WDSI 61 TN 475 |
| | 0404 CKCO3 42 ON 455 | 0752 WGX 24 GA 660 |
| | CI1129 29 ON 455 | 1005 WSVN 47 VA 500 |

Two nice openings the first half of the month. I was away the second half.

K42AM is a new LPTV station. The few times I've watched them they've had country western music shows and local news.

I spoke to Jim Pizzi on the phone during the opening to Texas to see if it was getting as far as Lovington, but it wasn't. Jim had it the day before and got into Missouri.

The opening on the eve of the 12th and AM of the 13th covered all the way from Green Bay to Sarnia, then down through central Ohio to Georgia. I just concentrated on the southeast because that's where most of the stations were that I needed. I saw all kinds

Jeff Kadet (continued) of CCI which had never been seen before.

I sent a tape to WMTG-41 to see if they could recognize the woman's voice on it. She gave a local weather forecast during a brief break in the Today Show.

The new LPTV/Translator Guide is a great help. I was able to find plausible explanations for five of the seven unIDed 'translators' from the infamous morning of August 22nd. The two remaining are KAKE-10 on channel 72 and KBGT-8 on channel 65. I sent letters to the CE's of both stations to see if they could help.

That was good advice from Rich Wertman in the November VUD about getting .500 aluminum hardline from your local cable company. A lot of them have almost empty rolls of it out in back and are happy just to get rid of the stuff.

(Jeff, congratulations on reaching the 500 milestone! fm)

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CDT/CST

Equipment: Quantum 1110, C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), Channel Master 7206 "Hi Q" trap (UHF). Tower, QDMX MD-56 (free standing).

| | | |
|---------------------------|---------------------------|------------------------------|
| October 1984 | 29 tr 2313 CBLFT10t 48 ON | 13 tr 0443 WSFJ 51 OH 420 |
| | (TP & dual pitch | 0500 WKPC 15 KY 400 |
| | tone after s/off) | 0509 @WZTV 17 TN 500 |
| 11 tr 0202 WJWPT 14 IL | 2400 =CI1129 29 ON 355 | 0515 WGRB 34 KY 460 |
| (3/4 CB AN) | | 0630 +WKSO 29 KY 480 |
| 23 Es 1900 WDIQ 2 AL 820 | 30 tr 0016 WSEE 35 PA 465 | 0651 WKON 52 KY 390 |
| 28 tr 1948 KSHB 41 MO 400 | 0104 WDLI 17 OH 420 | 22 tr 0046 KSPR 33 MO 460 |
| 1949 KYFC 50 MO 400 | 0109 CITY 57 ON 480 | 24 tr 0108 KMEG 14 IA 360 |
| 1957 KCPT 19 MO 400 | 0111 CI1122 22 ON 510 | 0124 K14AD 14 MN 315 |
| 1959 KEKR 62 MO 400 | CFMTt 47 ON | (Wadena KSTP- 5) |
| 2021 WGNt 52 OH | CBLFT9t 40 ON | 25 tr 0051 KBSI 23 MO 400 |
| 2023 WUAB 43 OH 400 | (Same TP and tone | 0204 =WUAB 43 OH 400 |
| 2330 =WRGT 45 OH 350 | as channel 48) | 0254 WTCT 27 IL 375 |
| 29 tr 0600 WRGT 45 OH 350 | 0135 K66BV 66 MI 315 | 0337 @WKPT 19 TN 565 |
| 0719 KC U's MO 400 | (Detroit SIN) | 0508 K30AC 30 MN 300 |
| 0800 WJTC 26 OH 360 | | (Marshall KSTP- 5) |
| 0939 WSFJ 51 OH 420 | | 0509 K14AD 14 MN 315 |
| 0952 WNEO 45 OH 445 | | St James MN xlts |
| 0954 WCLQ 61 OH 400 | | 0606 K65BY 65 IA 150 |
| 1000 WOSU 34 OH 405 | | (Waterloo PTL) |
| WEAO 49 OH 415 | | 0945 WLKY 46 KY 430 |
| 1003 WOAC 67 OH 420 | | 0945 WLKY 46 KY 430 |
| 1004 WUAB 43 OH 400 | | 0945 WKY 32 KY 400 |
| 1008 WYTV 33 OH 460 | | WDRB 41 KY 400 |
| WRPG 53 PA 505 | | WKSot 29 KY |
| WQLN 54 PA 465 | | 1018 KCBjt 17 MO |
| 1844 Cleveland 25,43, | | 9 ls 1230 WRGT 45 OH 350 |
| and 61 400 | | 1254 WCET 48 OH 375 |
| 1909 WQLN 54 PA 465 | | 12 tr 2003-2100 Dayton 16,22 |
| 1917 CKCO3 42 ON 480 | | and 45 good. 350 |
| 1926 WPGH 53 PA 505 | | 2200 Cincy 19,43, and |
| 1928 WNEO 45 OH 445 | | 48 good. 375 |
| 2115 WOAC 67 OH 420 | | 2347 WKRC 12 OH 375 |
| 2133 WGN 52 OH 375 | | 13 tr 0233 KFVS 12 MO 400 |
| (Teleton) | | 0325 CKCO3 42 ON 480 |
| 2134 WYTV 33 OH 460 | | 0328 CI1129 29 ON 355 |
| 2204 WEAO 49 OH 415 | | 0421 WEHT 25 IN 375 |
| 2247 CI0059t 59 ON | | 0436 WDRB 41 KY 400 |
| | | 0438 WTVQ 36 KY 430 |

| | | |
|---------------|---------------------------|------------------------------|
| November 1984 | 3 tr 0155 =KBSI 23 MO 400 | 0912 WTVQ 36 KY 430 |
| | | 0912 WLEX 18 KY 430 |
| | | 0945 WLKE 46 KY 430 |
| | | 0945 WLKY 32 KY 400 |
| | | 0945 WDRB 41 KY 400 |
| | | 0945 WKSot 29 KY |
| | | 1018 KCBjt 17 MO |
| | | 9 ls 1230 WRGT 45 OH 350 |
| | | 1254 WCET 48 OH 375 |
| | | 12 tr 2003-2100 Dayton 16,22 |
| | | and 45 good. 350 |
| | | 2200 Cincy 19,43, and |
| | | 48 good. 375 |
| | | 2347 WKRC 12 OH 375 |
| | | 13 tr 0233 KFVS 12 MO 400 |
| | | 0325 CKCO3 42 ON 480 |
| | | 0328 CI1129 29 ON 355 |
| | | 0421 WEHT 25 IN 375 |
| | | 0436 WDRB 41 KY 400 |
| | | 0438 WTVQ 36 KY 430 |

Overall, I've been pretty satisfied with the DX over the past two months. I was especially pleased to log some stations that had eluded me; such as WGN-52, KSN-27, and KBIN-32. I also noted that K42AM in Ottumwa, Iowa is now on the air. When I saw them, they were showing a black and white movie. They also showed "Country Music Television" starting at 0830.

KEKR-62 in Kansas City seems to have dropped it's all news format in favor of traditional independent fare.

I've noticed that WFEN-66 in Chicago now is listed in the Illinois-Southern Wisconsin edition of TV Guide. WBBS-60 and WPWR-60 still are not listed. I guess they can't come up with enough bribe money.

Bill Draeb pointed out to me that I've been misreporting the calls on channel 46

Nathaniel Ely (continued) from Traverse City, Michigan. For the record, the correct call is W46AD, and it rebroadcasts WCML-6 from Alpena. Thanks, Bill.

Speaking of translators, I hope that everyone has ordered the new Translator-Low Power TV List. It is really complete and represents a tremendous amount of work by Bill Fahber. We all owe him a great debt of thanks.

Well, that's all for now. I hope everyone had a DX-filled Christmas and a happy new year. 73, Nate

*** (Nate, regarding your call letters for Traverse City; I am afraid that if you had reported it as W46AD, I would have changed it to W46AC. All the references which I have indicate it to be W46AC. I recall vaguely that Bill Draeb reported some time ago that the published calls were incorrect. Maybe we could get an update, Bill? fm)***

William Eckberg, RR#4, Dixon, IL 61201 (Total stations: 432 with 6 new) CST

Equipment: Zenith b&w tube receiver, CM 1110 VHF antenna, CM 7' UHF parabolic with Winegard PA4975 preamplifier on a 30' tower.

November 1984

Table with columns for date, call sign, frequency, and location. Includes entries like 13 tr 0700 WSVN 47 VA 483, 25 tr 0435 KSNF 16 MO 413, etc.

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251 MST

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-V04 and JVC VT700 with Jerrold FM de-snowers; @ 68', Finco P-7 UHF dish with Eu-4s preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', CM 4250 6' UHF with Eu-4s preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', CM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25, 10 element Antennacraft FM (vert) into JVC VT900; 13, Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

November 1984

Table with columns for date, call sign, frequency, and location. Includes entries like 7 tr 2130 KHTV 39 TX 515, 8 tr 0136 K68## 68 OK?, 8 tr 0251 *K48## 48 OK?, etc.

Jim Pizzi (continued)

Table with columns for date, call sign, frequency, and location. Includes entries like 13 tr 0956 K57BB 57 OK, 14 tr 0102 K30## 30 ??, 8 tr 0505 K19## 19 ?? PTL, etc.

Quite an exciting report period this time around, with St. Louis channels 24 and 30 the highlight. KLMG-51 is new on the air and is a CBS affiliate. Another high point was WNOL-38 with WGNO in also. WNOL was much stronger than WGNO.

Lots of translators were seen too. I saw my first meteor skip via UHF translator on November 14 with a beautiful ID slide of KOUS/KYUS on K46##, Childress, TX (196 miles) which normally carries KAMR-4 which was off.

November 11 meteor skip was unbelievable - 18 minutes long! A full explanation is in my FM report. Even had a fair amount of Es, too. I'm happy! Til next time, 73's, Jim

*** (Let us know when you learn more about your mystery translator's locations. fm)***

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

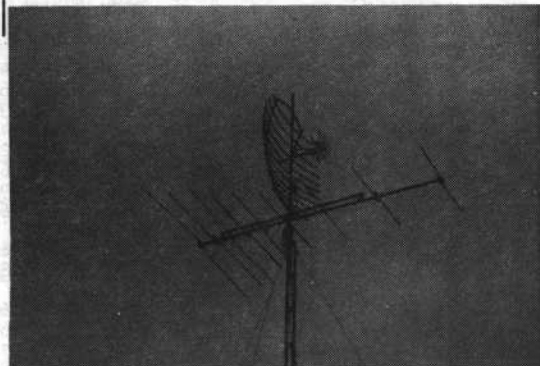
CST

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

| | | | | | | | | | | | |
|---------------|--------------|---------|-------|------|------------|-------|-------|------------|-------|-------|-----|
| November 1984 | 24 tr 0908 | WLRE | 26 WI | 460 | 24 tr 0510 | WPNE | 38 WI | 455 | | | |
| 24 tr 0002 | K22AK | 22 ND | 145 | 0909 | WXGZ | 32 WI | 460 | 0920 | WKOWt | 27 WI | |
| | (Devils Lake | KXJB-4) | | 0910 | WHWC | 28 WI | 270 | 1500 | KRIN | 32 IA | 395 |
| | 0022 | KCBR | 17 IA | 385 | WLEF | 36 WI | 315 | 25 tr 0927 | WLRE | 26 WI | 460 |

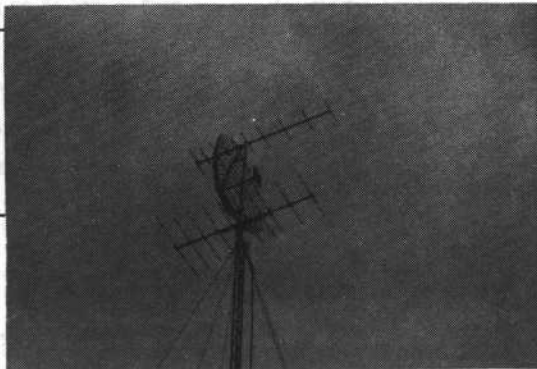
Worldwide TV-FM DX Association

PHOTO-NEWS (continued from page 27)



In the photo at the left we have a CHANNEL MASTER 6' UHF antenna with a EU-4s preamp at 40 feet and a WINEGARD CH-2026 with an AC-9260 preamp at 35 feet.....

at the right, from top to bottom is, a WINEGARD CH-2073 with an AC-9730 preamp at 75 feet, FINCO P-7 UHF with EU-4s preamp at 70 feet, ANTENACRAFT 10 element FM at 65 feet.....



other antennas used are a conical with WINEGARD AC-9260 preamp at 12', 5 element CH-6 yagi at 12', 10 element CH-2 at 20' and vertical mounted 10 element ANTENACRAFT FM antennas at 25 feet.

Dave

EASTERN TV-DX

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

January 1985

Rich Wertman: 315 Pine St., Lockport NY 14094 EDT

Here's my report for the Eastern DX column. The conditions were very good in October, caught some VhF Es! Also, I had some good auroral openings on 10-6 and later dates in October. Funny thing but all I had to do was look at the North sky to see heavy green ions blasting tropo and auroral DX to me! I got the Channel Master dish up with CP-4800 amp, but just removed it today (11/18) and put up a Finco P-7 with CP-4800 Winegard amp. I want to see the difference on DX. I really lucked out on the Finco. About 10 years ago a neighbor of mine had the 7 footer on his roof but it was removed 5 years ago. I never could figure what he did with it until Halloween Night when I caught him throwing it out for junk! I couldn't believe it but it had been behind his garage for 5 years. Well, I grabbed it up and did a lot of steel wooling, but all elements were intact, nothing 100 machine screws and nuts couldn't take care of. I know one thing for sure, there has to be a better way of holding all the reflector elements together than those stupid clips. Maybe I'll devise something. At present I have two 7' Channel Masters and one Finco P-7. This place looks like an antenna farm!

| | | | | | | | | | | | | | | |
|------------|------------|-----------|----------------------------|----------|------------|----------|----------------|----------|------------|----------|------------|----------|---------|------|
| Sept. 1984 | 29 Tr 1227 | WAKR-23 | OH | 240 | 6 Tr 2020 | CICO-59 | ON | 200 | 12 Tr 2245 | WENY-36 | NY | 170 | | |
| | | WUAB-43 | OH | 225 | | " -61 | ON | | 2255 | WMGC-34 | NY | 180 | | |
| | | | | | | 2030 | | | | Unid-33; | PBS, | E. | | |
| | | | | | | | | | | CBLFT-32 | ON | 210 | | |
| Oct. 1984 | 3 Tr 1800 | WCLQ-61 | OH | 225 | | CBLFT-68 | ON | 195 | | CICO-28 | ON | 200 | | |
| | | WENY-36 | NY | 170 | 11 Tr 2200 | WNPE-16 | NY | 160 | 2300 | WUTR-20 | NY | 185 | | |
| | | WXON-20 | MI | 240 | | WNPI-18 | NY | 170 | | CKWS-11 | ON | 160 | | |
| | | WKAR-23 | OH | 300 | 12 Tr 1800 | WSTM-3 | NY | 125 | 14 Tr 0130 | CHNB-4 | ON | 230 | | |
| | | WUAB-43 | OH | 225 | | WUTR-20 | NY | 185 | | WDIV-4 | MI | 240 | | |
| | | WKYC-3 | OH | " | | 2200 | WKBD-50 | MI | 240 | WTAE-4 | PA | 215 | | |
| | | WEWS-5 | OH | " | | | WTVS-56 | MI | " | 0145 | CFCM-4 | PQ | 325 | |
| | | WVIZ-25 | OH | " | | 2220 | W46AB | NY | 90 | | WKYZ-7 | MI | 240 | |
| | | 1840 | WTAJ-10 | PA | 200 | | W56??(WNED-17) | | | | over | WKBW-7; | 20 | |
| | | 6 Tr 2000 | WJAC-6 | PA | 210 | | Unid-59; | PBS, | S. | | mi. | south of | | |
| | | | CBLFT-15 | ON | 130 | | WCLQ-61 | OH | 225 | | QTH. | | | |
| | | | 2010 | CICO-32 | ON | 210 | 2230 | WGPR-62 | MI | 240 | 0150 | CHEX-7 | ON | 125 |
| | | | CBLFT-15 | ON | 90 | | WOAC-67 | OH | 230 | | | Minden | ON; | also |
| | | | (are there 2 on ch.15?-wd) | | | | WPGH-53 | PA | 215 | | | over | WKBW-7. | |
| | | | CICO-18 | ON | 130 | | 2245 | WUAB-43 | OH | 225 | 20 Es 1430 | WEAR-3 | FL | 1300 |
| | | | 2020 | CBLFT-34 | ON | 150 | | WPCB-40 | PA | 210 | | | | |
| | | | " | -40 | ON | 130 | | CBLFT-40 | ON | 130 | | | | |
| | | | " | -48 | ON | 200 | | WICZ-40 | NY | 180 | | | | |

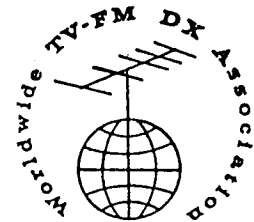
The rest of October and so far into November mostly VhF and UHF tropo from Erie, Scranton, Pittsburgh, Toledo, Detroit, Cleveland, Lansing, Battle Creek, Akron, etc. NY DX; also some openings into Canada and Illinois but not very solid signals. We'll see how this Finco works and maybe something more interesting to report next month. However the real good tropo went south for the winter with the geese so who knows! Equipment used: Sony SL-2300 VCR; 12" b&w Zenith, 19" color Panasonic, Lance VM 886 VHF at 65', 8 bay bow-tie at 68', HD -73 rotor, P-7 dish with CP-4800 at 60', Channel Master rotor, stacked CM #3661's in backyard at 20' for VhF Es. (More DX below-wd).

| | | | | | | | | | | | | | |
|-----------|------------|---------|---------|---------|------------|---------|----------------|-----|------------|---------|----------|-----|-----|
| Oct. 1984 | 12 Tr 2300 | WPXI-11 | PA | 215 | 12 Tr 2330 | WPTA-21 | IN | 375 | 13 Tr 2350 | WGTE-30 | OH | 270 | |
| | | WTOV-9 | OH | 270 | | 2340 | W64AF(WVIZ-25) | | 14 Tr 0045 | WUHQ-41 | MI | 350 | |
| | | WKYZ-7 | MI | 240 | 13 Tr 1030 | WNPE-16 | NY | 160 | | WTLW-44 | OH | 280 | |
| | | 2310 | WENG-12 | NY | 180 | 1035 | WNPI-18 | NY | 170 | | WBGU-57 | OH | " |
| | | | WQED-13 | PA | 215 | 2200 | W67AJ(WLNS-6) | | | | Unid-47; | SSW | |
| | | | WEWS-5 | OH | 225 | 2210 | WIHT-31 | MI | 300 | 0100 | WGVC-35 | MI | 320 |
| | | | 2330 | WFFT-55 | IN | 375 | SelecTV | | | | WLIO-35 | OH | 280 |
| | | | | WKJG-33 | IN | " | WDHO-24 | OH | 270 | | WTOL-11 | OH | 270 |

John Combs; 2831 Selma, Jacksonville FL 32205

I've settled into our new home and have some antennas up. The set up is very similar to what I once had in Orlando: a 5 foot dish up about 26' and a large VhF log at about 20'. I still lack a decent receiver. Currently using either a 5" b&w with no detent tuning, or a 19" color set which has good selectivity but horrible sensitivity, especially on UHF. There are quite a few taller buildings in the area, and a lot of trees, so deadband conditions seem worse than Orlando. Only decent DX seen has been WEBA-14(200mi) and WAGT-26(215mi).

WTFDA CLUB SUPPLIES



Eastern TV-DX Combs; continued--- January 1985
The only good thing about the location so far is that even though we have CATV on our living room set, there is absolutely no CATV cci at all. Amazin'! If a really incredible opening to this area occurs, especially on tropo, try calling me at (904)-389-2188 or just call and let the phone ring once. Warning: If I'm not home, you may have to deal with my answering machine!

Bill Townshend; 4500 Conn. Ave. NW, Washington DC 20008 #901 EST

| | | |
|-----------------------|-----------------------|---------------------|
| <u>Sept. 1984</u> | <u>Oct. 1984</u> | <u>Nov. 1984</u> |
| 26 Tr 0802 WPHL-17 PA | 8 Tr 0027 WWBT-12 VA | 26 Tr 0742 W4LAB VA |
| 0824 WTVZ-33 VA | 17 Tr 0700 WHRO-15 VA | 0743 WGIV-29 VA |
| WMGM-40 NJ | 0800 WYAH-27 VA | 0744 WRLH-35 VA |
| | 0813 WTVZ-33 VA | 0747 WHRO-15 VA |
| | 0900 WCVW-57 VA | 0813 WIAF-29 PA |
| | | WPMT-43 PA |

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William R. Hepburn; AES, Box 120, Resolute Bay NWT X0A 0V0 EDT-EST
All DX from Niagara Falls ON.

| | | |
|--------------------------|---------------------------|---------------------------|
| <u>Oct. 1984</u> | <u>Oct. 1984</u> | <u>Oct. 1984</u> |
| 5 Tr 2313 CBET-9 ON t | 7 Tr 1201 Ottawa-Hull | 14 Tr 0207 WXMI-17 MI 325 |
| 2318 Detroit U's 210 | 4,9,U's ON 240 | Grand Rapids |
| 2323 WANE-15 IN 350 | 12 Tr 2000 WNPI-18 NY 230 | 2128 WGTE-30 OH t |
| Ft. Wayne | 2159 WQEX-16 PA 190 | 15 Tr 1248 WNPI-18 NY 230 |
| 2334 WCFC-38 IL t | Pittsburgh | 16 Tr 0148 WJHO-24 OH 250 |
| 6 Tr 0018 WFFT-55 IN 350 | 13 Tr 0941 WEAQ-49 OH 185 | Toledo |
| Ft. Wayne | Akron | 0719 WKBD-50 MI t |
| 0024 WOIO-19 OH t | 2353 Detroit 4,7,U's 20 | Tr 1147 W64AF OH |
| On yet? Under CICA. | 2356 WGTE-30 OH t | Unid WOAC-67 xltr. |
| 0033 WGTE-30 OH t | WIHT-31 MI 240 | 28 Tr 1917 WKAR-23 MI t |
| 0035 WCIV-26 IL t | STV w/NWS Lansing audio | 1922 WWTV-9 MI 325 |
| 0209 WIHT-31 MI 240 | 14 Tr 0022 WQVC-35 MI t | under CFTO. |
| 0604 WEYI-25 MI 245 | under WSEE | 1947 WXON-20 MI 210 |
| 2023 CICO-51 ON 130 | 0143 WFSL-47 MI t | 1948 WKBD-50 MI t |
| Penetanguishene | under CFMT | 2001 WNDU-16 IN 400 |
| 2217 CICO-19 ON 255 | 0148 WEYI-25 MI 245 | |
| Sudbury | | |

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Roy Barstow; P.O. Box 488-T, Teaticket MA 02536 EST?

| | | |
|---------------------------|-----------------------------|-----------------------------|
| <u>Oct. 1984</u> | <u>Nov. 1984</u> | <u>Nov. 1984</u> |
| 29 Tr 2330 WNEP-16 PA 270 | 2-3 semi-locals-20,24,30, | |
| WBRE-28 PA " | 4,9,53,61 CT; 21 NY; 13 ME. | |
| 2345 WVIA-44 PA " | 4 Tr 2200 WNEP-16 PA 270 | 9 Tr 2330 WDCA-20 DC 380 |
| 30 Tr 0030 WBFF-45 MD 350 | WBRE-28 PA " | WETA-26 DC " |
| 0045 WITF-33 PA 325 | WRBV-65 NJ " | WHMM-32 DC " |
| 2000 WCBB-10 ME 195 | WSNL-67 NY 140 | WCQR-50 DC " |
| Thru Local WJAR. | KYW-3 PA 260 | 2345 WBFF-45 MD 350 |
| 2100 WENB-11 NE 110 | 2230 WNYT-13 NY 180 | WNUV-54 MD " |
| WGME-13 ME 150 | WWLP-22 MA 110 | 10 Tr 0025 WBOC-16 MD 340 |
| Last two in perfect. | WWNY-22 VT 240 | 1830 WCPB-28 MD " |
| 2300 CHEFT-5-46 360 | WITF-33 PA 325 | 1900 WMDT-47 MD 340 |
| 2330 WVNE-31 VT 170 | 2300 WXXA-23 NY 180 | WLVT-39 PA 260 |
| | WCPB-28 MD 340 | |
| | WBOC-16 MD " | |
| <u>Nov. 1984</u> | 5-7 semi-locals | 11-24 Not much this period. |
| 1 Tr 2100 WIAF-29 PA 260 | 8 Tr 2315 WVIA-44 PA 270 | 25 Tr 1430 WUSV-45 NY 190 |
| WVNE-31 VT 170 | 2330 WBRE-28 PA " | Albany |
| 2130 WETK-33 VT 240 | 2350 WNEP-16 PA " | Testing with |
| WVTA-41 VT 160 | | 3/4 c.b. |

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It looks like DX conditions have slacked off judging from the number of reports received lately. To avoid going through a long DXless winter I would suggest going after some of those hard to get stations and watch for a little meteor scatter DX. The Quadrantids meteor shower should be under way when you read this (first week in January) and that would be a good time to do some MS DXing. During the summer months you usually sit back and wait for the Es or tropo to come to you. It's not that way in the winter time, especially if you live up north, where you have go after it. The best way is to watch for some MS during major meteor showers. It's one way to break the winter doldrums.-wd