

publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

NOTE FROM MORRIE GOLDMAN... Next month will be my final month as VUD editor. Overtime work, Army Reserve obligations, and my start of graduate school this fall (evenings), force me to resign. In recent months, it has become increasingly difficult for me to prepare the VUD. As a side note, this issue is (in part) late because I've been recovering from injuries suffered in an elevated train derailing. Fortunately, my injuries do not appear to have been serious, mone the less painful. Central TV DX editor, Don Ruland, will take over as VUD editor with the July issue. All editorial material, such as columns, covers and articles, should be mailed directly to Don, at 4448 68th Place, Kenosha, WI 53140. Continue to send all other club business to WTFDA Hg. I will continue dealing with our printer, and plan to remain active in other areas of the club.

FM NORTH EDITOR NEEDED... Our recent efforts to contact Russ Brown and regain the large batch of DX reports in his possession have failed. Frank Merrill has even spoken to Russ, without apparent success. We regret that it would appear that all recently submitted FM North reports are to be considered lost. Furthermore, a new FM North editor is needed now. If you're interested, contact Don Ruland as-soon-as-possible.

SPECIAL BACK ISSUE OFFER... You can now get any of the available back issues at a reduced price. Any four back issues are \$2.50, a 50¢ savings. You can save \$2.50 when you buy any ten back issues for \$5. The single price for back issues is still 75¢ each. You'll find a list of the available back issues on our back cover... A new supply of Log Sheets and Station Report Forms are also on hand. Order now and prepare for the coming season! .. The WIFDA TV TRANSLATOR GUIDE is selling well. In fact, it's moving faster than we had expected. The GUIDE was printed in a small quantity, spiral bound, and a full 8 $1/2 \times 11$. If we need to make a reprint, cost will require that it be shrunk to VUD size. Hint, hint—order now and get the spiral bound version. It's a great value!!

STATION GUIDE PROGRESS... Many of you have probably given up on wondering when our long, long, overdue TV STATION GUIDE. Believe it or not, the GUIDE may be out soon. The current problem is a lack of (your editor's) time. What remains to be done are corrections and updates to the list and maps. The TV STATION GUIDE should be available within the next two months

MS INFO... The May issue of QST features a very interesting and detailed article on meteor scatter DXing. The author is obviously very experienced in the subject and presents some new conclusions.

BITS... Several members have recently been offering their help, and some have already completed articles or projects. The results will be appearing in the near future in the VUD. All members who have offered their help will be contacted.

73,

Gary and Morrie

Terry Colgan 1605 Mearns Meadow Blvd. Austin, TX 78758

DX MAILBOX

Greetings: The "Mailbox" is back after several months involving a hundred-Now that the errant box has returned, the "Mailbox" is back in business.

Since the WTFDA membership list was published in February, I won't relist new members whose names appeared there. New members since February are:

John Dyer Dale A. Hagert Daniel J. Hall Scott E. Sampson Robert C. Sawyer Victor Schmidt Charles W. Shade James Thomas Thomas E. Yeazell P.O. Box 1151 3881 Serpentine Cr. 5338 West Foster 1025 14th Ave. A Apt. C-7, 1508 Dickerson Rd. 734 Easley Street 1617 Sue Avenue P.O. Box 215 4060 Vinedale Ave.

Graham, TX 76046 St. Paul, MN 55122 Chicago, IL 60638 Orion, IL 61273 Nashville, TN 37207 Silver Spring, MD 20910 Miamisburg, OH 45342 Arlington, KS 67514 Cincinnati, OH 45205

Let's see what news we can dig up from the past few months. BOB FANCHER, Darling, MS, uses a Fisher 500-TX and a 10 el Channel Master antenna at 100 feet, and an RCA TV with a 44 el CM VHF antenna atop a 60-foot tower. WDX3IJL, better known as EDWARD BARBONI, tunes DX on a Lafayette LR-775, a

Winegard SC-650, and an AR-22 rotator. SCOTT SAMPSON read about WTFDA in Pop'tronics. He and his brother rate WMAH-19, Biloxi, MS as their best reception. Other UHF catches include stations in LA and AL.

Four new members with interests in PSB radio are JEFFREY DRISCOLL (Plainview, CT), STEPHEN MALONE (Teaneck, NJ), ROBERT SAWYER (Nashville, TN), and HERMAN AUDOERSCH (Baltimore, MD).

Computer programmer, THOMAS YEAZELL, listens to the FM band with a Pioneer

SX-828 and a Rembrandt antenna.

A Hallicrafters SX-122A, a Realistic DX-15ØA and a Sears color portable adorn the shack of GEORGE LAPRAY, Minneapolis. George lists his DX interests as BCB, TV, SWBC, and FM, in that order.

DAVID WILCOX, a charter member of the East Lansing (MI) DX Club, stacked two Winegard SC-650 antennas, put them atop a CDR rotator and a 70-foot tower, then

hooked them to a JVC VT990 tuner. Here's a "mini" review of new members' equipment: HOWARD MILLER, Fawnskin, CA, uses a Heathkit SB-313; Lafayette, IN DXer, RANDY SCHNEPP, DXes on an RCA TV and Winegard CW-2002 and U-995 antennas; JAMES THOMAS, Arlington, KS, listens to FM on a Knight 315 am-fm rx; and Philly DXer, HAROLD MUNSHAW, tunes a Hammarlund HQ-145 and a Hallicrafters SX-140.

Several new members hold radio licenses of one kind or another. HAROLD MUNSHAW is WA3ROV: JOHN FRANCIS is K4MOL; BOB FANCHER holds KEB1661 and KFF488; WA2ZPD is known as RAYMOND NAHL; MARK WARD is WA1OPL; and ANDREW SPIRKA

Finally, I'd like to welcome BOB HARTMANN, Mayville, NY to another year with WTFDA. Bob mentions plans to visit Europe this fall! Personally, I'll be lucky if I get to Pflugerville (TX)!

Anybody buy any DX gear with his tax refund?

THE HAUNTING DX Clark W. Golubic

Okay, folks. You say you've heard them all? You know the one about the residents of the British Isles DXing a station which had been off the air for three years? You've read about the guy DXing stations in Venezuela and Colombia with a 1959 clunker and bent-up antenna? Well, you haven't heard anything yet. I've got a story that makes the above two sound like bad "Partridge Family" plots.

My house is being haunted by an unidentified DX.

Yes, fellow DXers, you read that correctly. Moreover, I swear on my stack of V.U.D.'s that it is absolutely and unequivocally true. Every night at precisely 2 A.M. a $^{\rm 400}$ Hz test tone seeps from the ventilation shafts of my air conditioner.

Don't worry, I know exactly what you're thinking. But before you report me to the local sanitarium, please hear me out. After all, do you think I'd make a complete fool of myself in front of all these readers?

Here's how it all started

It was a typical night in late November of last year. As a matter of fact, a pretty lousy night for TV DXing. (Then again, considering I've only got 50 or so stations logged, there aren't too many good nights!) Anyway, I was fiddling with the dial of my 19" RCA New Vista B&W portable TV, trying to find something substantial, when ALL OF A SUDDEN---POW! Talk about meteor scatter! You can keep your pings and bursts---this was a SUPER BURST! Better yet, a SUPER SUPER BURST! The dial was on channel 2 and something very strong was coming in. Tuning it in, I found it to be a color bar test pattern, unidentified, accompanied by a 400 Hz test tone. Almost as soon as I recognized it, it disappeared. (The TP, not the DX.) Nothing but a gray screen. Then a second later, an announcer's voice. This was the moment I had been waiting for! He said: "This is W----" Silence. Snow and interference refilled my screen. Frustration filled my mind. So close! Yet I knew there was little hope for identification.

The whole episode had lasted maybe seven or eight seconds. The mental anguish I experienced must have lasted for several hours. Finally, after gnashing my teeth and pounding the floor for awhile, I decided, it being well after two A.M., that I had better retire. So, turning off my cherished portable, rabbit ears and all, I went to sleep.

The next night at about two A.M. I was surprised to hear a strange noise emanating from the air vents of our air conditioner/furnace. It seemed to be some sort of tone. Getting out of bed, I walked downstairs to investigate, and found the furnace piping away with a tone. Checking it against my signal generator, I identified it as 400 Hz---and the same as my previous DX. Assuming it to be coincidence, I returned to bed. However, I was again startled the next night by this same tone....and the next night.....

After about two weeks of test tones and lack of sleep, I decided to call in a serviceman to determine the cause of this mysterious sound. After five hours of dismantling our furnace, he announced that there was absolutely nothing wrong with it, and had I been listening to too much loud music lately? I shuffled him off so that I could resume my DXing, and the only thing that startled me more than the test tone in the morning was the size of his bill. (cont on page 8)









102.7 Mhz.







(+ = addition; # = change)

88.335 XERED # R. Red x-XERCN: + dp 88.5 XHCM # "R Concierto Moderno'; 07-24

88.9 XHM # 06-01

89.1 XHRA +ABC net mr dp(=EE sound for TV) 89.1 XHRZ + Estereomundo 89' soon on, 07-21 \$

89.7 XEBS + ju

90.1 XHXL + 1 kw, soon on, 24h 91.3 XHQK # x-XHRSM minute-by-minute time, ads

92.5 XHRM # x-99.3: 25 kw 93.5 XHNY # not XHYN; isvoio

93.7 XHPX # 24h /rois 93.7 XEJP # 'R Joya/Tesoro Musical'; not link; XHPA + isvo

93.7 93.7 XHNOE # 06-24 93.9 XHMO + is

94.3 XHRP # 3 kw 07-24 95.3 XHSU # CP is on; + ismrss

95.7 XHCT + isio 95.7 XHQS # x-96.1; 5 kw; CP is on;

'Formula Melodica' ro 24h + 96.5 XHTA + ioamau

96.5 XHLM + 2kw Cuernavaca Mor: \$: soon on, 07-24; vaioeess

96.5 XHRN + soon on 96.9 XEW # 07-02 96.9 XHNS + Acapulco Gro

96.9 XHOD # 0645-; + is

96.9 XHTD + 5kw Jalapa Ver soon on 97.1 XEBA # isvoioau

97.3 XHRE + 'R Ensueno': # 4 kw 97.7 XERC # 'R Hits'; 32kw not link 98.1 XHNG + 1kw Cuernavaca Mor

98.1 XHMLS + vo 98.5 XHPL # ra

XEHL FM 98.5 XHQK # cf 91.3: 1kw soon on au 'R Amistad'

98.9 XHNX + is

99.3 XHRM # to 92.5

99.3 XHMS # 2kw; + 08-24 jumoss

99.3 XHEM # to 103.5 99.3 XHPOP # 24h; + mr

99.3 XHTL # '\$ Internacional' 99.3 XHNK # is on the air

99.7 XHPB + 10

100.1 XHMM 'Maranatha/FM de México'

100.1 XHPM # may be on the air 100.2 XHSP # 06-24 roof

100.5 XHMG + is

100.9 XHTO # 20kw; + io

101.1 XHMA # '\$ Latina'

101.3 XHPR # 'Punto Romantico en FM': + ro 101.7 XEX # '\$ 102' English 07-01 mr

102.7 XEHL + h,v; # CBS only

103.5 XHEM # x-99.3; 3kw 104.5 XEHU # 06-24

104.9 XHBST + 'Just for the 2 of us'

105.9 XHTB + 'R Primavera' isam 106.5 XHDFM + ro \$

107.3 XEQR # 3½kw, 'R Universal', not link; + ioeerr

rr-rock & roll; other format abbr's may be found in the May 1973 VUD accompanying the original list. Compiled by Glenn Hauser.



XEJP-FM radio **V040**

XERC-FM radio hits











TOLUCA, MEX RAVISA



Add a Detent UHF Tuner-for under \$10!

by Morrie S. Goldman

For years, TV-DXers have suffered with inaccurately calibrated continuous UHF tuners. Whenever there was a tropo opening, the guessing game began... "UnID educational station noted on channel 29, 30, 31 or 32." The likelihood is that this unID logging could have even been on channel 34. Some DXers have added their own calibration marks on their UHF dials, but many tuners were not suitable for calibrating. Either the tuner had poor resetability or the calibration marks became unreadably close together.

In recent years, a number of 70 channel detent tuners have appeared on the scene. Most of these consist of a continuous UHF tuner with a detent (click stop) mechanism. The detent tuners have been specially designed to track the UHF dial with near perfect linearity. At last, we had a means of tuning the entire UHF-TV band with reasonable accuracy.

At this writing, there are no manufacturers producing a 70 channel detent UHF converter. This limits the TV-DXer to two possible ways of getting "detent accuracy." He can buy a new television set, or replace his existing in-set tuner with a detent type. If you find the first alternative most attractive, stop reading now. On the other hand, if you'd like to modernize your current TV set for under \$10 \text{ read on!}

Quite a number of manufacturers are now including 70 channel detent tuners in their television sets. Most of these tuners are very similar in design, and are actually manufactured by only about three tuner companies. I chose to use the tuner supplied by Heathkit with their black & white receivers. It is readily available from Heath as a replacement part and lends itself to many mounting variations. In addition, this tuner has excellent performance characteristics. Image rejection and immunity to overload approach that found in a vacuum tube converter, while sensitivity is equal to, or better than, the best solid state converters. At worst, dial accuracy seems to be not more than one half channel off. Any inaccuracy is easily compensated for by using the fine tuning ring.

INSTALLATION

The first step in planning the installation of your detent tuner is to identify all necessary connecting points. For tuners other than the Heath 110-69, it will be necessary to contact the manufacturer for details. A top view of the Heath tuner is shown in Figure 1. The only tuner power connection required is +15 VDC to the tall post, in the upper right corner of the figure. The power source ground can be connected to the tuner case.

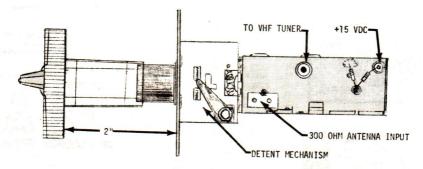


Figure 1

The easiest, quickest and most expensive way to operate the tuner is to attach an external 15 volt power supply. If this is done, the tuner can be operational (but not mounted) in about two minutes. A more practical installation however, would be to replace the set's existing (transistorized) UHF tuner with the new detent tuner, tapping power from the set.

If you plan to replace an existing transistorized in-set tuner with the new detent tuner, examine the connections to the in-set tuner. With the set unplugged, connect the plus terminal of a high impedance voltmeter to the B+ terminal of the existing UHF tuner, and the negative voltmeter lead to chassis ground. Place the

VHF tuner in the UHF position, plug the set in, (use a cheater cord if necessary) switch the set on, and observe the voltmeter reading. If the voltmeter reads between 13 and 17 volts, no B+ changes will be required. Should the voltage be higher, it will be necessary to add a voltage dropping resistor. Remember, with the set in operation, high voltages will be present in several locations. Use only insulated test probes.

The dropping resistor's value can be calculated using 0hm's Law (the tuner draws 13ma @ 15 V) , or the voltage can be set using a potentiometer. Just connect the pot as shown in Figure 2. Set the pot (a 10 k control will due, though value is not critical) for maximum resistance. Then gradually reduce the setting and observe the voltmeter reading. Stop when you reach 15 volts. Remember that the tuner must be connected when measuring this voltage.

After the power connections have been finalized, plug in the interconnecting cable from the VHF tuner, connect the antenna, and start DXing!

The Heathkit detent tuner can be ordered as a replacement part from the Heath Company, Parts Dept., Hilltop Road, St. Joseph, Michigan 49085.

UHF detent tuner	110-69	\$7.60
UHF ch. sel. knob	462-235	.65
Ch. indicator	462-903	.75
Control Knob	462-237	.35
		\$9.35

+ postage

The tuner and associated knobs may also be available from your local Heathkit Electronic Center.



NEWS — DATA

Roger H. Brown 1617 Linden St. E. Lansing, MI 48823

STATION STATUS CHANGES

WSWB-35 Orlando, FL new on air 3-31 KVST-68 Los Angeles new on air 3-29 KOET-9 Ogden, UT off air 4-9

CHANGES IN ACTIVE STATIONS

WHAG-25 Hagerstown, MD 70KW Aur KCOY-12 Santa Maria, CA 120KW Vis, 25KW Aur (CP) WEDH-24 Hartford, CT 700KW Vis, 70KW Aur WTTW-11 Chicago, IL 90KW Vis, 18 KW Aur 1470AAT TX to Sears Tower WGVC-35 Grand Rapids, MI 1300KW Vis,270KW Aur (CP) FCC proposes land-mobile radio services WTCG-17 Atlanta, GA 1100KW V, 110KW A (CP)

APPLICATIONS FOR NEW STATIONS

Ch. 14-Memphis, TN 10KW V, 2KW A 150'AAT (Educ.)

CALL LETTER CHANGES

WFSB-TV (3) Hartford, CT (was WTIC-TV) WSCT (27) Talahassee, FL (not on) KVOF-TV (38) San Francisco, CA (was KUDO)

CPs

Red Oak, IA (Ch 36 ETV) 3900KW V 1900'AAT Sioux City, IA (Ch 27 ETV) 5000KW V, 1050'AAT Beaufort, SC (Ch 16 ETV) 1000KW V, 1250' AAT

MISCELLANEOUS

Group of NJ officials feels that state not receiving kind of service enjoyed by other states has asked FCC to move one of more VHF stations into state. Only station programming to real NJ market is WCMC-40 Wildwood. Only V is WNET-13, ETV for NYC. All commercial Us are designed for NYC or Philly markets. NJ one of most densely populated states in US! (Broadcasting Mar 11, '74)

would be able to use ch 14 in Miami, ch 17 in Houston and ch 16 in Dallas. (Bdcst Mar 18'74) (wonder if they considered trans-gulf tropo!? RB)

Picture below courtesy Bill Grant, Worchester, MA. For you MS bugs.



SELECTED TRANSLATOR INFORMATION

KØ8HT Upper Divide Creek, Co license granted K65AK E Cottonwood Pass, Co CP 100w (K0A-4) KØ9LT Mt. Massive Lake, Co CP lw (KRDO-13) KØ8HZ, KLØIV, K12JH Capital Reef Natl' Park, Co all CPs, lw (KUTV-2, KCPX-4, KSL-5) K12AX Oven Forks, KY now WØ9AX K73AU Dodson, Tx CP for 20w K83AJ Quicy, WA CP

W33AA Miami, FL CP 1000w (WCIX

FCC has been urged to drop Vs into communities where possible, and reserve them for public TV...by group from United Church of Christ (Bdcst Apr 1'74)

From members... Wood notes new Baton Rouge ETC ch 27 will use space on WBRZ tower. Will air late '74. Pomeroy says one "mini-TV stations" in AK in Jan... KØ2HO Unalaska. Thanks for others not used in column (Kelley, Dickerman, Simon.)

It has now been about five months since that unidentifiable burst. In that time, I have called in three more servicemen, all of whom have told me that the furnace is in perfect working order, and all of whom have charged me immense sums of money for that judgment.

The test tone is still whining away every morning at two A.M. without fail. I can see only two solutions: (a) I DX that station again and identify it this time, or (b) I wear cotton in my ears for the rest of my life.

Canadian Radio-Television Conseil de la Radio-Télévision Canadienne

J. JOEL ROSENBERG & MARK L. LEWIS 47 PANNAHILL RD 224 HONITON ST DOWNSVIEW, ONTARIO 633-1769 -416- 6350086

NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

MAY 74

TV APPROVALS

GOOSE BAY, LAB CFLA-TV ch. 8 prop: 4.9 kw. EHAAT 62 dir (CBC) MONTREAL, PQ ch. 29 1100/120 kw. QUEBEC, PQ ch. 2 75/7.5 kw. 3rd French language network Target Sept 75

MONTREAL, PQ CH. 17 1212/242 kw. RADIO QUEBEC-French language ETV

QUEBEC, PQ ch. 15- 1235/245 kw.

TV APPLICATIONS EDMONTON, ALTA CITY-TV 325 kw. omni Auth: ch. 7 618' Prop: ch. 13 880' new site (indep) EDMONTON, ALTA CFRN-TV ch. 3 Pres: 180.3 kw. 441 Prop: 250 kw. !!! 720d new site (CTV) FLIN FLON, MAN ch. 13 1.04 kw. dir Sat CKY-TV ch. 7 Winnipeg (CTV) GRAND RAPIDS, MAN ch. 14 10 watts dir Sat CBC ARBORG, MAN ch 8 1.9 kw. dir Sat CKY McCUSKER LAKE, MAN ch. 10 .24 kw. dir. SAT CBC SWIFT CURRENT, SASK ch. 12- 11.5 kw. dir. THE PAS, MAN ch. 12 1.07 kw dir Sat CKY
THOMPSON, MAN ch. 9 1.1 kw. dir. Sat CKY
WINNEPEG, MAN ch. 9# for 3rd English language service, 3 applications:

FM APPROVAL

325 kw dir: 43.48 kw dir; 325 kw omni

TILLSONBURG, ONT CKOT-FM Pres: 100.5 MHz 1.135 kw. Auth: 101.3 MHz 50 kw. new site

FM APPLICATIONS

CHICOUTIMI, PQ 105.9 MHz 38 kw. omni CHAMBORD, PQ 106.7 MHz 1.257 kw. omni MONTREAL, PQ 99.3 MHz 7.2 watts omni WINNIPEG, MAN CKY-FM 92.1 MHz 360 kw. omni Press EHAAT 388 Prop: 790 new site REGINA, SASK 97.7 MHz 8.5 kw. omni Sat CBC FR AM no WINNIPEG, MAN 105.5 MHz 3.8 kw. moni U. of Manitoba

French language Sat of new Chicoutimi stn above

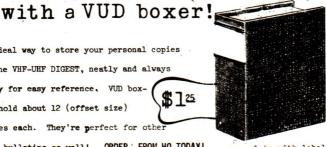
INVERMERE, BC 107.1 MHz .91 watt dir Sat. CHFM-FM Calgary ALTA
KITIMAT, BC 101.1 MHz 65 watts omni Sat. CFPR-AM Frince Rupert (CBC ENG AM net)
REGINA SASK 97.7 MHz 8.5 kw. omni Sat. CGC FR AM net. Sat CBC FR AM net

Canada is back on DST.

Stop wrestling your VUD's BOX THEM!..

An ideal way to store your personal copies of the VHF-UHF DIGEST, neatly and always ready for easy reference. VUD box-\$ 125 ers hold about 12 (offset size) issues each. They're perfect for other

club bulletins as well! ORDER FROM HQ TODAY!



complete with label

Bruce F. Elving, Editor Box 24 Adolph MN 55701. U. S. A.

In response to at least one inquiry, the next edition of the FM ATLAS will not be published before December, 1974, and will carry a 1975 copyright date. This means the current issue will be valid for many months to come. I'm in need of continuous information on station format changes, stations adding stereo, etc. Additionally, the next edition will contain FM station network affiliations-in the by-fraquency section. So, if you have a little time to spend with your receiver before the DX comes booming in, try to take note of stations in your regular receiving area that carry at least one daily (M-F) network newscast, whether on their own, or when carrying programs of an affiliated AM station. Please differentiate among ABC's four networks and use the following symbols: a = ABC Contemporary; @ = ABC Entertainment; A = ABC FM; A → ABC Information; B = National Black Network; C = CBS; M = Mutual; m = Mutual Black Network; m = Mutual Spanish Network (if, in fact, such a network really exists; it is supposed to but may still be only a "paper" network); N = NBC radio; P = National Public Radio; U = UPI Audio. Your sending this information will be appreciated, and that which is of general interest will be put in this column on a space available basis.

New Construction Permits

AL Mobile *91.3 10 Spring Hill College CA Crescent City *90.1 10 CO Pueblo 100.7 100000 h,v; 977' GA Camilla 105.5 3000 h.v: 300' GA Tifton 100.3 100000 h.v: 578' IL Chicago *88.3 10 Northeastern University: 5500 N. St. Louis Ave., presumably not sharing time with WHPK *86.3 Chicago, or the next station: IL River Grove *88.3 10 [quests KHKE] IA Cedar Falls *88.1 5500 h,v; 204'[Re-/ MD Baltimore *88.9 12500; 215' Morgan State College. Initial decision: MD Lexington Park 92.7 3000 h.v; 300' NM Espanola 102.3 1540 h,v; 436' NC Moyock [adjacent to Chesapeake VA] 92.1

Changes in Existing Stations

3000 h, v; 300

TX Abilene 100.7

TX Dallas *89.1

AL Decatur WRSA 96.9 50000 (3001) AL Scottsboro WCNA"-FM" 98.3 adds \$tereo GA Rossville WOWE 105.5 3000 h.v: 270' (To a transmitter site in Chattanooga IN) ID Idaho Falls KGVM"-FM" 99.1 41000: 580' (reduces coverage). So does this one: KS Colby KTCC *91.9 10 w (from 3000; 265') CA Riverside 92.7 KCNW (was KACE-FM)

100000 h.v: 12751

10

MD Westminster WITR-FM 100.7 50000 h.v/ Mi Cadillac WITW 96.7 295' (3000 h.v) MI Hastings WBCH-FM 100.1 1550 h,v; 295' MI Marquette WUUN 100.1\$ adds v [Calls. NJ Trenton WTSR from *89.7 to *91.3 [too] 1500 watts: 35' OK Bartlesville KYFM 100.1 3000: 275 OK Poteau KLCO-FM from 98.3 to 97.9 \$. 100000 h,v; 2000' Maximum coverage! PA Ebensburg WIYQ 99.1 45000 h. 43000 v (520') Anybody know what they program? TX Midland KBAT 93.3 70000 h.v: 430' WA Olympia KAOS *89.3 1600; -14' WY Laramie KOPJ from 98.9 to 102.9 (25000: -195')

Construction Permits Extended (Selected)

FL Miami WEDR 99.1 to 9-15-74 GA Atlanta WCLK *91.9 to 7-1-74 MI Munising WQXO 98.3 to 7-28-74 PA Selinsgrove WQSU *88.9 to 9-22-74 Deletion

MO Moberly KMTS *90.1

Call Letters Assigned

CA Blythe 100.3 KYOR-FM CA Modesto *89.9 KOAU

FM INDUSTRY NEWS AND READERS' COMMENTS

Billboard reports that WTAE-FM 96.1 Pittsburgh PA is to go Stereo and 50000 h, v, 500' by July 1, 1974, with a rock (oldies) format. Ken Simon, going over his shortwave GSL cards, finds the following really packing a 50 kw wallop? WWWM not in the '74 WRTVH:

100.1 YVMY-FM R. Juventude Barquisimeto, Venezuela, with Latin pop/rcck; and 100.8 TGN-FM 'TGNA' Guatemala City, in English with religion.

WBRB-FM 102.7 Mt. Clemens MI now has ethnic programming in the evenings. WORW *91.9 Port Huron is rock and talk, and WNCO-FM 101.3 Ashland OH is country music.

WUUN 100.1 Marquette MI (see above) has been testing, with an excellent signal some 45 miles away, with a "hit parade" format in stereo. Regular programming was to have begun by April 8. Plagued by equipment delays. WQXO 98.3 Munising may be on the air sometime in May. Detroit's WCHD became WJZZ (105.9) Mar. 18; all jazz.

WLEC-FM 102.7 Sandusky OH mysteriously giving its power as 50,000 watts, when all references list them as only 5.000. Cany any OH area DXers tell if they're 105.7 Cleveland off the air until 4-27-74 due to change of studio or transmitter site. WQLN-FM Erie PA *91.3 now has inschool programs 9-5, and a lot of black programming 5 to 8 p. m. Incredibly, WDBN 94.9 Medina OH calls itself the most powerful radio station in North America. What about WNCI 97.9 Columbus. WJFM. WOOD-FM Grand Rapids MI, WUOM, etc.? Some FM stations are obviously guilty of truth in advertising abuses!

WASH 97.1 Washington DC now more rock than MOR music, sans screaming di's. With WYCR 98.5 York-Hanover PA now \$ rock and separate most of the time from its AM. central PA now has 5 FM rock stations; it had only one several months ago.

[CO Denver 103.5 KOAQ (was KOA-FM) rock CO Pueblo 97.9 KDJQ (was KJKL) CT New London *91.5 WCNI DE Hockessin *88.7 WZZE FL Pensacola 100.7 WJLQ (was WCOA-FM) HI Honolulu 97.5 KHSS (was KPOI-FM) IL Danville 102.1 WMBJ (was WDAN-FM) IN Crawfordsville 103.9 WLFQ MA Orleans 104.7 WVLC-FM MS Aberdeen 105.5 WHAY MO Doniphan 97.7 KOFA MT Helena 103.1 KCAP-FM NE Omaha 96.1 KEFM (was KOIL-FM) NJ Brick Town *91.9 WRGD NC Asheville *88.1 WUNF"-FM" OH Columbus 94.7 WVKO-FM (was WSPO: years earlier, WVKO-FM) OH Wilmington 102.3 WDHK OK Duncan 102.3 KRHD-FM ("crud?") OK Woodward 93.5 KSIW-FM SC Mullins 107.1 WCIG TN Union City 104.9 WALR"-FM" TX Lake Jackson 107.3 KGOI (was KLJT) TX Wichita Falls 92.9 KBID (* KGOH) VI Rutland 97.1 WRUT VA Lynchburg 98.3 WGOL (was WLLL-FM) WV Clarksburg 104.9 WPDX-FM WI Waupun 99.3 WLKE-FM Mystery: An ad in Broadcasting, 3-25-74, lists a "KUGR-FM 95" Pullman WA, a pro-

In lowa, KHKE *88.1 is reportedly back on the air, which may be illegal. since no indication has been received that they have even gotten their call letters approved, much less program test authority from the FCC. Anyway, according to a KHKE information sheet. KHKE is now running only 2000 watts. which conflicts with the information given above in column 1, and on the air 10 a. m. to midnight. Cedar Falls' giant. KUNI *90.9, broadcasts off-air pickup of WOI-FM *90.1 Ames 7-11 a. m. and 12:30-1 p. m., while KHKE carries WOI-FM 1-8 p. m. and 8:30-midnight.

gressive rock station. No such station

otherwise known to exist; extra-legal?

WLBR-FM 100.1 Lebanon PA is now Stereo, and separate from the AM, with "Solid Gold Rock 'n Roll" tapes. The station is having some problems with its automation system, however. WLEV 96.1 Easton now \$, "Hit Parade" (which I classify as rock, altho some say MOR). wQXA 105.7 York PA now top 40, calling itself "Q-108."
The official call latters are used only once per hour [shanel];
monophonic. Another won station, WPEN-FM 102.9 Philadelphia
now signs off at 2 a.m. EDT every night.

Immokalse FL's station is now WKEM-FM 95.9 (was WCOF-FM and/or WCEA), still duplicating AM with country music and Spanish programming. WRYZ-FM 95.75 Jupiter FL now 24 hours/cay, Monuay-Saturday; rock. WQXK 92.1 Hialeah FL now signs off 9 p. m. Sundays; format now rock and country music. It should change to Spanish in May or June.

WESM 97.5 Martinsburg WV (formerly WEPM-FM) still simulcasts its AM station with MOR; some \$. WMJS 92.7 Prince Frederick MD, mainly country music, carries a Broadway show's music 10 p. m. to midnight. No \$ yet. WRHY 92.7 Starview PA is almost all \$, progressive rock, and on 8 a. m. to 2 a. m., except Sunday (8 a.m. to 11 p. a.). WJMA-FM 96.7 Orange VA now progressive rock 8 p. m. to mignight. WSVS-FM 104.7 Creue VA simulcasts with AM during the day; separate at night. Rock. WMHI 103.9 Braudock Heights MD is about 75% top 40 rock and 25% country; WYII 95.9 Williamsport MD is all country and on from 6 a.m. to 2 a.m.; WZFM 98.3 Charles Town WV is top 40 to MOR. And a question is raised about the status of WSMD-FM 104.1 La Plata MD. It is reported to be moving to Oxon Hill MD, a suburb of Washington DC. WSMD-FM largely simulcasts its AM affiliate with top 40 music during the day, signing off at 10 p. n. WSMD-FM, with 1.8 kw horizontal at 245', is grossly underpowered for its 50 km potential frequency.

WSIC-FM 98.7 Stanford CI became WYRS Feb. 19, 1974, MOR, with the slogan, "The Relaxing Sound." No \$. WLAD-FM 98.3 was to have increased its power to 2500 w, h,v; 330', by the end of March and begin separate programming. Format to be automated beautiful music.

WMNR *38.1 Monroe CT [Masuk High School] began operating Jan. 31, 1974. The station is usually on from 7 p.n. to 10 jan. 1., with rock music and some talk programs involving students and town officials. WMTC *89.3 Hartford CT, which was forced off the air last fall because of a transmitter breakdown, resumed operation Feb. 25. WSWZ Syosset and WPOB Plainwiew, Long Island, NY, which share time on *88.5, both began operation during 1973.

WHCN 105.9 Hartford has just been sold to the owners of MBLI 106.1 Patchague NY for \$525,000. The former owner of MHCN, Concert Network, Inc., got more for WHCN Hartford than they got for WMCN 104.3 New York in 1964, which sold at that time for \$453,000. This shows the growth of FM. And WBCN 104.1 Boston is being sold for around \$3 million. The FCC's year-end report of profit/losses for stations in the nation's top markets shows three FM stations in New Haven (NYBC 94.3, WPLR 99.1 and WKCI 101.3 Hamden CT) made money as a group during 1972, a sign of the times. And in San Diego six AM stations as a group lost \$690,000, while 11 FM's lost only \$280.000.

Cleveland's WELW 107.9 has finally settled into a country and rock schedule Monday through Saturday, with gospel all day Sunday. WMCR 99.5 Cleveland's format change to all country has been successful, from an advertiser acceptance standpoint. Here's something for our Canadian editors: On a verification from CHSC-FM 105.7 St. Catharines, Ont., the power of 50,000 watts was crossed out and "100 km" written across the QSL. No record otherwise of a power rise for this station, so does anybody know?

In answer to a question in last month's column, Marietta (OH) College's new high power FM on *68.3 will be known as

WMRT"-FM." They will have vertical polarization (9200 h,v; 205'); AND "present plans call for retaining WCMO"-FM" on *89.3 with 10 watts. WCMO will program mainly to the student body, while WMMT will concentrate on regional coverage."

"Everyone is going bananas over FM" in the Boise area, with KYME (AM) planning a new station to simulcast the AM's rock; KGEM (AM) planning a \$ country station; and KAIN (AM, Nampa ID) plans to get in on the FM act. KFXD (AM) Nampa also is aiming at FM, with a "progressive MOR (?)" format, and hopes to get a construction permit and get on the air by this spring. KBBK 92.3 Boise hopes to be at 44000 h,v; 2500' by June 1, with antenna already installed at Deer Point, where KBXL Caldwell ID has its tower. KBOI-FM 97.9 Boise is lagging in installing its migh power gear (they have a permit to go to 45000 h,v; 2500'). Their present power is 17ku, sometimes dropping to as low as 70 watts! "Management is the problem." Boise State University is in the process of filing for an educational FM station, probably on "90.5, with calls requested KBSU.

KMOD 97.5 Tulsa returned to the air Feb. 26 in \$ with a progressive rock format.

KJZZ 102.1 Anchoruge AK is reportedly about to ask for an increase in power. KYAK (AM) Anchoruge will re-apply for its FM permit, probably on 101.3. Anchoruge is expected to double its metro area population of 70,000 within five years to perhaps 200,000 by 1980, with pipeline construction and oil evelopment beginning. This may account for the resurgence of FM activity there. None's 10 watt FM application may be turned down because it is not filed by an educational institution per se, and apparently only they can be licensees of 10 watters. Others must apply for higher powers, which apparently KNOM does not want or cannot afford. It seems to me that California's KUSP, which was a 10-watter only recently getting a permit for higher power, is a non-institutional-owned 10-watt station.

Correction: Jan. VUD, p. 4, New Construction Permits. The new station grant in Studiesat Springs CO is 96.7 not on 100.9. Rutland VT WSYB has been granted 97.1, using the calls WRUI. Technically, Rutlane is in a Class C zone, but a footnote in the FCC rules specifies inat Rutland's two high powered channels will be designated as Class B. The new WRUT is a revival of WSYB-FM 107.1 with 100 watts, a CP which was issued and cancelled in 1947. Vermont never had an on-air FM station until WJOY-FM 98.9 Burlington came on the air in '61. There is a class D application for Chinle AZ, an Indian reservation ENE of Flagstaff. The ETV outfit in Toledo has applied for *91.3 FM. the old WTDS Toledo Public Schools frequency: Toledo is one of the few major markets without public FM service. A listeners' group called "Friends of WONO" has organized in Syracuse NY to help WONO to keep its classical music format; most of this help is the best kind--financial. WONO's new location in the Hotel Syracuse is quite an improvement, with brand new equipment, more room, and hopefully by summer a long-awaited power increase. Utica's WZOW 107.3 now rock and country, 24 hours/day; WBEN-FM 102.5 Buffalo now \$: WHFM 98.9 Rochester NY live rock; \$tereo. WJTO-FM 95.3 Bath ME now \$; WMNB-FM 100.1 N. Adams MA\$ has classical music 7:30-10:30 p.m.; easy listening rest of the time.

KFIN 107.9 Jonesboro AR now \$; easy listening music; came on March 3. KARN-FM 103.7 Little Rock AR now KKYK ("W-Kick"), rock continues. Same ownership as KFIN. Memphis State U., s.eking "90.3 10 w, and WNUC "90.1 Senatobia MS, seeking a power increase, are heading for an FCC hearing, as their applications are mutually exclusive. Credits to be run next month. 73.

MAY 1974 Deadlines: 10 May (TVSB, revisions) 10 June (14-17, 92 FM) 10 July (18-21, FMSB)



Glenn Hauser 620 N. Husband

Stillwater OK 74074

SCOREBOARD

	S	TAT	I O N	S	POLI	TIC	AL	U	NITS		
DXer, Location	Total	88-92	Es	MS	_USA_C	an	Mex	For	Total	_YB	As of:
Bruce Elving, Adolph MN	1211	94	521	6	42&	3	1	0	47	48	25 Feb
*John Ebeling, Bloomington MN	771	97	344	12	40&	4	2	0	47	52	26 Dec
Robert Seybold, Dunkirk NY	742	72	274	0	41	4	4	0	49	60	17 Mar
*Richard E. Wood, Baton Rouge LA	733		286	15	48&	3	7	2	51	71	25 Nov
*Fred Nordquist, North Syracuse NY	565	73	179	9	38&	2	0	2	43	69	2 Jan
Pat Dyer, San Antonio TX	531		380	7		2	6	2	48	70	10 Apr
Fred MCCormack, Des Lacs ND	514	68	331	15	39&	4	2	0	46	65	7 Apr
Peter Sawatzky, Waterloo Ont	374		118	16		2		0	35	71	19 Jan
Glenn Hauser, Stillwater OK	243			20	25	1	2	0	28	73	13 Apr
*Wayne Ebeling, Bloomington MN	180	29	19	1	13	0	0	0	13	72	30 Nov
*Joseph Smith Jr, Johnson City NY	164	15			12&	1	0	0	14	71	31 Dec
Gil Morgan, Garden Grove-Santa Ana CA			33	4	12	0	1	0	13	69	1 Apr
Frank Wheeler, Erie PA	107	6	0	0	4	1	0	0	5	64	14 Mar
Jim Alexander, New Hartford NY	58	9	0	0	4	2	0	0	6	74	3 Apr

*Update required by 10 July. 88-92: All stations, commercial or non, received between 88 and 91.99 MHz. MS: All stations received by meteor (not lightning) scatter, even if also received via other propagation(s). Political Units: USA: States; Canada: Provinces and Territories; Mexico: Estados, Distritos, Territorios; Foreign countries (1 point each). YB: Year Began DXing from the location specified. As of: Date report was compiled.

		CI	HANNEL TROPO TVDX RECORDS	
Call_	Location	Miles	DXer, Location	Logos
WAPI-	Birmingham AL	755	Glenn Hauser, Von Ormy TX	
KOLD-	Tucson AZ	870	Ron Pugh, Fort Bragg CA	WAPITV13
KCOP	Los Ángeles CA	200	Robert Cooper, Fresno CA	
KOVR	Stockton CA	270	Albright & Wood, Mt Ashland OR	KOLD TELEVISION 13
KBLU-	Yuma AZ (CA)	30	Bill Fulton, Yuma AZ	
KRDO-	Colorado Springs CO	500	Carl Dabelstein, Omaha NE	lesso + 13
TVTW	Tampa FL	1105	Ken Neal, Hamlin TX	kcop·tv 13
WIDB.	Panama City FL	290	Ron LeBlanc, Marrero LA	
WMAZ-	Macon GA	785	Henry Marbach, White Plains NY	wmaz
WREX-	Rockford IL	645	Robert Cooper, Oklahoma City Ok	
MIMI	Indianapolis IN	685	Robert Cooper, Oklahoma City Ok	macon, ga
WHO-	Des Moines IA	820	Ed Bourgeois, Norco LA	The Kindle of the Control of the Con
KUPK-	Garden City KS	225	Robert Cooper, Oklahoma City Ok	
WIBW-	Topeka KS	895	Robert Seybold, Dunkirk NY	CHANNEL AS KROO-TV
WLTV	Bowling Green KY	620	Glenn Hauser, Enid OK	AUNITATION WING.IA
KLSE	Monroe LA	200	Ed Bourgeois, Norco LA	WOKR-TV
MAME	New Orleans LA	575	B. J. Bingham, Festus MO	
WGAN-	Portland ME	460	Robert Seybold, Dunkirk NY	WGRN-TU Rochester, N.Y.
-MAAW	Baltimore MD	620	Denny Cline, Eastport ME	CHARMEL (1) 13
WWTV	Cadillac MI	490	B. J. Bingham, Festus MO	
WZZM-	Grand Rapids MI	615	Les Prus, Manhattan KS	BOWLING GREEN TV
WNPB	Marquette MI	485	Robert Seybold, Dunkirk NY	
WIRT	Hibbing MN	410	Fred MCCormack, Des Lacs ND	
MTOX-	Biloxi MS	685	Glen Neal, Sayre OK	
KRCG-	Jefferson City MO	525	Frank Hill, Gallipolis OH	
KTNE	Alliance NE	530	Robert Cooper, Arcadia OK	
KHOL-	Kearney NE	580	Bill Heusmann, Steger IL	
WATV	Newark NJ	755	Tommy Larkings, Clarksville TN	WZZM 3
KGGM-	Albuquerque NM	740	Carl Dabelstein, Omaha NE	GRAND RAPIDS MICHIGAN
WOKR	Rochester NY	345	Roger Brown, East Lansing MI	
WAST	Troy NY	420	Carlon Howington, Uniontown OH	· WIDT IO
WKTV		1135	Bedford Brown, Hot Springs AR	<i>◦WIRT∙I3</i>
WLOS-	Asheville NC	815	Robert Cooper, Arcadia OK	TROM BANGE
KFME	Fargo ND	240	Fred McCormack, Des Lacs ND	
KXMC-	Minot ND	265	Anthony Markewicz, Camp Morton	PASCAGONIA
WHIO-	Dayton OH	345	F. J. Glaub, East Moline IL	THOUNGULA
WSPD-	Toledo OH	525	Dave Egan, Valleyfield PQ	BILOXI GULFPORT
KETA	Oklahoma City OK	575	Ron LePlane Marmore Id	- WILAY TU

575 Ron LeBlanc, Marrero LA

140 Pat Martin, Seaside OR

KETA

Oklahoma City OK

Eugene OR

STATISTICS

KVAL

KTVR Lagrange OR WJAC-Johnstown PA WQED Pittsburgh PA WBTW Florence SC KS00-Sioux Falls SD

Eugene OR

WHBQ-Memphis TN KERA-Dallas TX KELP-El Paso TX

KVTV Laredo TX KLBK-

WVEC-Lynchburg VA WLVA-Tacoma WA KTVW

WEAU- Eau Claire WI CHBC-1 Penticton BC "CBLAT" Geraldton Ont CKCO- Kitchener Ont

"CBFST1"Sudbury Ont CKTM-

XHST- Merida Yuc Matanzas Cuba CMG-

KTRK-Houston TX Lubbock TX

Hampton VA

WHTN-Huntington WV

CJOH- Ottawa Ont (PQ)

(CMAB-) Victoria/Tunas Cuba 1075 Ed Bourgeois, Norco LA

TY color 13 Topeka Kans

tie Albright & Wood, Mt Ashlant OR

tie Doris Johnson, Longview WA

140 Frank Aden, Boise ID

350 G. W. Lowther, Alexandria IN 650 Jerry Dee/Easter, Waterloo IA

720 Gene DeLorenzo, Hyannis MA 510 Fred Nordquist, Tulsa OK

655 Bill Draeb, Kewaunee WI -1150 Robert Seybold, Dunkirk NY

35 Fred Nordquist, W.S.M.R. NM 990 Carlon Howington, Homestead FL

140 Pat Dyer, San Antonio TX 730 Clarence Rareshide, New Orleans LA

tie Ron LeBlanc, Marrero LA 470 Dave Siddall, Hyannis MA

460 John Cody, Middletown CT 115 Ray O'Rear, Zillah WA -> tie Ed Hepp, Portland OR Channel

855 Dick Clark, Ft Lauderdale FL 720 Robert Cooper, Oklahoma City OK 230 Doris Johnson, Longview WA

230 Paul Petosky, Ishpeming MI 395 Gary Olson, Barrington IL 325 Roger Gravelle, St Thomas Ont

105 Morris Sorensen, Emsdale Ont "CBCT" Charlottetown PEI 110 Mike Dunn, Armdale NS Trois Rivieres PQ 150 Chislain Girard, Arvida PQ

805 Clenn Hauser, Von Ormy TX

725 Clarence Rareshide, New Orleans LA





KERA Channel 13 Public Television Foundation

VEC-TV 🕟

KIRK LUBBOCK

coun



beyond shortwave

just

an introduction to ty fm and vuhi radio dx by w.t.f.d.a.

Western Fm B



3.20 Gw 2215 KLOQ 105.5 KS Lyons (KVRO

exciter on till now, off for power

market ad in Mt Vernon mix KYFM

work) NNW jazz conc ID 2259 0553 KSWM 100.1 MO Aurora MFA Super-

EDITOR: ROGER S. HORIE P.O. BOX 784 MISSOULA, MT 59801 TEL: (406) 549-5365

Reports Are Always Welcome. . Support This Column And WTFDA DEADLINE: 10th MONTHLY Fred McCormack, Des Lacs, ND 58733 (Feb-Mar 1974) (CDT) Heath AR-1500 receiver, JFD 10 element log-periodic antenna.... 2.23 1841 KDCR 91.3 IA Sioux Center wx 2000 KRSW 91.7 MN Pipestone cl mx 3.16 Es 2153 WKLH 92.3 AL Montgomery rec offer 1901 KQHU 104.1 SD Yankton nx 1955 KESD 88,3 SD Brookings BKB 2234 KOTN 92.3 AR Pine Bluff ID 5315 Silvertip Drive, San Antonio, TX 78228 (Mar-Apr 1974) (CST) Allied 426 and Hallicrafters SX-62 (with International Crystal SAX-1 preamp); Archer V-100 antenna at 20 feet with rotor ... 3. 8 2344 KBIM-FM 94.9 NM Roswell MoR 440 3.31 0200 WMEZ 94.1 FL Pensacola EL ID 685 FM 95 ID hrd thru KBPO 3.26 FM Es likely in prior to 2045 but TV ap-0205 WLYF 101.5 FL Miami 1150 perently Ch 2,3 only with no Ch 4,5 CCI 0216 WQXM 97.9 FL Clearwater EL ID 0246 KSPL-FM 95.5 TX Diboll nx ID 960 on Tocals and then a strong Ch 6 in! 255 2050 WTLN-FM 95.3 FL Apopka 1040 0331 KTAL-FM 98.1 TX Texarkana ID cw 380 religious PSA's mentioning town 0525 KTRM-FM 95.1 TX Beaumont c&w // 275 2058 WDBO-FM 92.3 FL Orlando ID 1035 990 kHz 2100 tent WHOO-FM 96.5 FL Orlando MoR 1000 WUSF 89.7 FL Tampa wx ID prior 985 2101 WDNJ 94.5 FL Daytona Beach ID 1055 logging by Es only 2107 FM Es f/out 1001 WSLI-FM 96.3 MS Jackson ex mx 3.27 0954 KLBK-FM 94.5 TX Lubbock ID EL 340 1045 tent WPCS 89.3 FL Pensacola 685 3.28 0040 KAFM 92.5 TX Dallas rock ID 250 religious program 0100 KSCS 96.3 TX Fort Worth cw ID 1045 WICY-FM 94.9 FL Tampa hit parade985 3.30 tremendous trop opening MoR only by Es before 2300 WAFB-FM 98.1 LA Baton Rouge 450 1110 WFLA-FM 93.3 FL Tampa EL ID sign off 1130 trop finally down-the Florida paths 2308 WMYQ 96.3 FL Miami rock 1150 lasted longer probably due to the slower logged by Es before heating of the near all-water path(com-2325 WRNO 99.5 LA New Orleansrock ID510 2331 WPLR 96.1 AL Mobile MoR ID psa 630 pared to land) that breaks up the ducting Likely more FM's could have been logged 2338 WFIA-FM 93.3 FL Tampa EL ID 985 if my attentions weren't being shared by 2353 WKXI 94.7 MS Jackson rock 525 the UHF-VHF TV trop into the same area. 2358 WINZ-FM 94.9 FL Miami Beach 2347 KWXI 97.1 TX Fort Worth ID MoR prior logging as WOCN-FM on Es local KEEZ off 3.31 0003 WQUE 93.3 LA New Orleans ID EL 510 2350 WPCV 97.5 FL Winter Haven cw ID1025 0009 WVMI-FM 93.7 MS Biloxi rock 570 4. 1 0059 WKTZ-FM 96.1 FL Jacksonville 1015 local ad FM 94 EL ID prior logging by Es only 0023 WIXO 98,5 LA New Orleans MoR ID510 0108 WQYK 99.5 FL St Petersburg c&wID970 0059 WEZB 97.1 LA New Orleans EL ID 510 0116 WEZB 97.1 LA New Orleans \$97 ID 510 0111 WKSJ-FM 94.9 AL Mobile ID ads 630 0200 KLCL-FM 99.5 LA Lake CharlesIDEL325 0130 KLCL-FM 99.5 LA Lake Charles ID thru WRNO MOR 325 conditions apparently already on wane, though some lack due to the many Sunday 0143 KCAW-FM 93.3 TX Port Arthur c&w280 night shutdowns likely. Later cold front ID thru WQUE moved thru and cut our humidity to 15% .. 0150 KSMB 94.5 LA Lafayette rock ID 395 if cold fronts quit coming about every 2 0158 KBPO 94.1 TX Beaumont EL ID 375 days ducts may reform for good trop... Glenn Hauser, 620 N. Husband, Stillwater, OK 74074 (7 Mar-7April) (CST) 3. 7 Tr 4541 WOI 90.1 IA Ames IA nx 0729 KIMP 100.7 TX Mt Pleasant 235 0541 KWMU 90.7 MO St Louis local wx psa ID \$100.7 0609 KCLO 98.9 KS Leavenwoth KSnx250 0611 KRNT 102.5 IA Des Moines ID 0740 KOOI 106.5 TX Jacksonville local ad mono call-in show 0621 KLWN 105.9 KS Lawrence 220 3.16 Gw 1530 KYFM OK Bartlesville 100.1 Kaw Valley Calendar \$106 ID Washington County psa lots of Ai 0835 KCUR 89.3 MO Kansas City NPR 2105 KWOE 106.9 OK Clington s/off SSB live hearing on cong access to media 3.18 Tr 1128 KGCC 89.7 TX Denison ID 0840 KXCV 90.5 MO Maryville NPR 1136 KWWM 98.3 TX Stephenville delayed natl governors conference nx and ads 0949 KCMW 90.9 MO Warrensburg cl

165 3.28

0725 KSEO 107.1 OK Durant flood nxID 3.31 Tr 0559 WWNO 89.9 IA New Orleans clmx585

3.11

ID campus calendar

0722 KDSX 101.7 TX Denison

Texas Power & Light ad

0721 KNUE 101.5 TX Tyler local nx280

3.31 Tr 0604 KPFT 90.1 TX Houston MoR	3.31 Tr 0635 WPCS 89.3 FL Pensacola MAY 1974 515
0605 WBYU 95.7 LA New Orleans 585	
oil price discussion	0812 WZZQ 102.9 MS Jackson heavy soul
0610 KSLI 96.9 LA Alexandria 430	
very undermodulated MoR ID w/KALB AM	0827 WNOE 101.1 LA New Orleans 585
0627 WQXY 100.7 LA Baton Rouge 515	lutheran px Metairie sponsor
"The Velvet Sound\$100, WQXY"	0900 WKYV 106.7 MS Vicksburg Jesus
0630 WYNK 101.5 LA Baton Rouge 515	Name Gospel Lighthouse Chruch px ID
\$ c&w ID	0903 ?? 106.3 ?? sermon SE not KGOU

SOUTHERN · FM DX:

Editor: Richard E. Wood 820 Arlington Ave. Baton Rouge LA 70806 Tel. (504) 343-7771 Deadline: May 13

FEATURING FM DX FROM LOUISIANA TO MARYLAND

Kenneth R. Simon, 528 Pilgrim Rd., West Palm Beach FL 33405

Unfortunately my FM equip is rather meager and I haven't been too enthused...but I have one report...
21 MAR 74 0700 EDT 90.5 MHz...MoR type Latin mx, w/ letters read in SS and guajiras...Radio Rebelde...by tropo...305 mi. (Havana, REW) FM country #2.

Richard E. Wood, 820 Arlington Ave., Baton Rouge LA 70806. CDT.

Spring Es good this year, a fine 3-day opening including my first skip on a day of continuously pouring rain and local flooding; although I realize that it is conditions at the point of the skip-cloud that counts, my previous rule of thumb had been not to look for Es during bad local wx. Not so. Notably, the three days of Es coincided w/ very fine high-latitude, high-m.u.f. F-layer propagation on shortwave and a low sunspot count. The following day showed no Es and a decline in the m.u.f. and hi-lat signals on SW, a higher sunspot count.

In station news, noteworthy is the move of XEJB- ex-96.4 Guadalajara to the normalized channel of 96.3 with possible power increase. There will probably soon be no more split-frequency FM's in Mexico. Also, XEQ-FM has moved from 92.9 to 91.3. A Mexico City stn. is still heard on 92.9 but it is 91.3 which specifically ID's as XEQ-FM. Two countries, Jamaica and long-sought Cuba were added this month, and two estados.

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Mar. 31 Tr. 0445-0510 94.5 WDNJ Daytona Beach FL
                                                      610 EL auto, KSMB nulled, semi-CL
many relogs including:
0500-0515 96.9 WINK- Ft. Myers FL
                                                            s/on, $
                                                       385 C&W
             96.1 KLCN- Blytheville AR
                                                       328 EL $ auto
             105.9 WEZI Memphis TN
1012
                     KZAK- Tyler TX
KBUY- Ft. Worth TX
                                                       277 religious
395 SS LA mx.
1015
             93.1
1015
             93.9
                                                      420 carwash, local political ad $ 468 "100,000 w. of Country Power",$
1017
             97.5
                     KWTX- Waco TX
             92.9
                    WGOV- Valdosta GA
2130
                                                            EL auto $, excellent
                    WJAX- Jacksonville FL
2130
             95.1
                                                      750 (new, first from Keys) local ad's, t/e, EL $ live
598 s/on, ann 67 kHz sub-carrier, 0458 into Carl McIntire
2136-2200 100.3 WXOS Plantation Key FL
Apr. 1 Tr.
0457-0515 105.9 WDLF DeLand FL
0505-0515 94.9 WOMA
                             Tallahassee FL
                                                       420 state, local nx, wx.
Apr. 6 Tr.
2228-2245 93.7
                    KLBJ- Austin TX (ex-KTBC-)450 state nx, $. New.
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Apr. 14 Es. 1737-1810 90.5 (RJR) Spur Tree, Jamaica 1197 "Caribbean Today" show; ad BWI Airways, RJR nx. 1800, SID's, slightly W.I. EE

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(RJR) Coopers Hill, Jam. 1248 BBC transcription not //90.5
Oriente Prov.?, Cuba ? R. Rebelde, hard-line, PSA's,
political, nx. 1800, mono. Hitherto unlisted.
                 92.7
 1755-1805 90.1
 1800-1805 88.3
                                                                      // above, mono; both good
                                   Oriente Prov?, Cuba
 1810-1820 91.3
                          XEQ-
                                  México, D.F.
                                                                 922 t/cs from observatory, ID's,
                                                                        "XEQ ahora en FM", hora Haste
 1815
                 89.9
                                   unknown, Mexico?
                                                                    ? female ID, "en el 90 de su cuadrante," tango
 1816 -1830 88.3
                                   unknown "XERey"
                                                                    ? "XE Rey en su música México
                                   de Oro": t/c; PSA's - greeting affiliate in Acapu
ID as "Radio Rey" (not Stereorey).
Puebla, Pue. 910 "92.5 en ruebla, Pue. XHPM,
                                                                    - greeting affiliate in Acapulco
 1820-1830 92.5
                        XHZM
                                   es Stereo Rey, la máxima dimensión de Radio"; n.b. is not to be confused w/ KHSRO 92.5 also list $Rey. México, D. F. 922 The former XEQ- (see 91.3),
1830-1845 92.9 X...
                                   noticiero Domecq, greet Acapulco net affiliate.
rapuato, Gto. 940 LA EL, seemed automated
1822-1828 93.5 XHNY
                                 Irapuato, Gto.
               92.1 XHFO Mexico, D.F. 922 Big Band; relog (unn.) 95.3 XHSH Mexico, D.F. Other relogs included 96.9 XEW-,
1820
96.1 XEUN-, 95.5 XHRO Guadalajara, Jal., 89.7 XEBS- Mex., 91.3 XHJL Guad., 88.9 XHM Mex., 97.1 XEBA, 97.9 XETIA- both Guad.
                                  Guadalajara, Jal. 1018 EE EL/MOR auto, EE ID as "$ Jet and call," local spots in Ai nx, Ai sports, $ Guadalajara, Jal. "Stereo-Tricolor" ID, EL auto
1840-1915 89.1 XHRA
                       XHCD
               98.7 XHLC
1909
                                  Guadalajara, Jal.
                                                                          MoR, some LA, $
1915-1930 100.3 XEAV- Guadalajara, Jal.
                                                                          futbol, live cmntry, local
Last stations to fade out: 90.5 XEDA- Mexico D.F. still 2005, 91.3 XHJL Guadalajara same, finally 88.9 XHM Mexico faded by 2025.
Apr. 15 Es 89.1 Guadalajara heard briefly 1809, nothing else reached FM.
Apr. 16 Es
1603
               88.7
                        unid., tent. CJOM Windsor, Ont. heavy soul RR WDRQ Detroit MI 933 SID. Soul. Pepsi
1604
                93.1
                                 Detroit MI 933 SID, Soul, Pepsi spot, new Colorado Springs CO 964 $ EL/MoR auto; unn.
1706
               92.9
                        KVOR
1723
               90.9
                         KCSU
                                 Ft. Collins CO
                                                                       C&W;unn.
1723-1745 93.9
                        KPIK- Colorado Springs CO 964 new freq., ex-94.3 and power boost; // AM, live "Country Gold" but not very C&W
                                                               ocntemp/UG live DJ, new
865 C&W, nn., extremely loud
1007 unn., live EL, state nx
1015 // AM, Ai nx, sports, new
Public Radio ID, call, NPR,unn.
1730-1800 96.5
                        KKFM Colorado Springs CO
1735 95.9
1744-1805 95.7
                        KAVI- Rocky Ford CO
                        KHOW- Denver CO
1754-1830 92.1
                        KVRH- Salida CO
               91.5
                      KUNC Greeley CO
```

GENTRAL TV DX

Don Ruland 4448 68th Place Kenosha, WI 53140

MAY 1974 / DX from WI, IL, IN, MI, OH / Next deadline: May 11th

With the exception of some untimely E-skip seen on March 16 and April 16-17, and a little tropo here and there, DX pretty well avoided the Central scene during the period. However, the April 16-17 Es did provide Paul Petosky of Munising, MI with some double-hop....that is a nice way to get an early jump on the Spring and Summer skip season!

Rod Luoma, 38540 Five Mile Rd., Livonia, MI 48154 (EDT)

"Log at 259...I've been accumulating parts for building a two stage low-band pre-amp using Siliconix E-300 FET's...am following an article from the August '73 Ham Radio magazine as a guide, along with an article from the June '71 Radio-Electronics by Bob Cooper, Jr...hope to have it going in the next several weeks."

Marvin Shults, R.R. #2, Toulon, IL 61483 (CDT)

```
3-2 Tr 0800 WLUK-11 Green Bay
3-16 Tr 2230 KUSD-2 Vermillion T 2330 KUTV-2 Salt Lake City
Es 2315 KB0I-2 Boise 3-31 Tr 1300 KEYC-12 Mankato
```

Paul Gaines, 15941 Fairfield, Detroit, MI 48227 (EDT)

```
2-15 Tr 2308 WVIZ-25 Cleveland
                                                  3-10 Tr 2348 WUAB-43 & WKBF-61 Clev.
                                                  3-11 Tr 0027 WEYI-25 Saginaw
0050 WJET-24 Erie
0140 WANE-15 Ft. Wayne
0141 WPTA-21 Ft. Wayne
2-16 Tr 0055 WAKR-23 Akron
0114 CKC0-13 Kitchener
2-20 Tr 2350 WKBF-61 Cleveland
2-21 Tr 0002 WUAB-43 Lorain
2-22 Tr 0120 CKGN-6 Paris, Cnt.
                                                             0208 CKCO-13 Kitchener
      Tr 2243 WUAB-43 & WKBF-61 Clev. 3-12 Tr 0014 WAKR-23 Akron 2246 WSEE-35 & WQLN-54 Erie 0017 WUAB-43 Lorain
3-7
                                                  0017 WUAB-43 Lorsin/Cleveland
3-14 Tr 2331 WAKR-23 Akron
           2324 WAKR-23 Akron
           2330 WEYI-25 Saginaw
                                                             2347 WUAB-43 & WKBF-61 Clev.
     Tr 0039 WJET-24 & WICU-12 Erie 3-15 Tr 0100 WSEE-35 Erie
3-8
          Olll CKCO-13 Kitchener
O222 CHCH-11 Hamilton
                                                  3-17 Tr 0120 WLWC-4 Columbus
                                                             0402 CFCH-10 North Bay (T-335)
3-10 Tr 0227 WLWC-4 Columbus
                                                 Log at 50, plus 6 unID's.
```

Paul E. Petosky, Box 140 Munising, MI 49862 (EDT)

```
Tr 2320 WPNE-38 Green Bay(145)
Tr 2200 WPNE-38 Green Bay
3-7
                                                      3-23 Au 1850 unID ch 2-6 from N
3-27 Tr 2155 WPNE-38 Green Bay
3-29 Au 2210 unID ch 2-6 from N
       Au 2220 unID ch 2-6 from NW
       Tr 0320 WITI-6 Milwaukee(235)
                                                      3-30 Tr 0205 WTMJ-4 Milwaukee(235)
3-10 Au 0145 unID ch 2-6 from North
Tr 2145 WTNE-38 Green Bay
3-11 Tr 1915 WPNE-38 Green Bay
                                                             Au 0215 unID ch 2-6 from N
                                                             Au 2230 unID ch 5-6 from N
                                                      3-31 Tr 0135 WTMJ-4 Milwaukee
           1920 CHFD-4 Thunder Bay(185)
1930 WNEM-5 Bay City(240)
                                                             Au 0155 unID ch 2-6 from N
Tr 2125 WPNE-38 Green Bay
                                                      4-1
3-12 Tr 2300 WPNE-38 Green Bay
                                                      4-3 Tr 0017 WEYI-25 Saginaw(242)
3-17 Au 0215 unID ch 2-6 from N
                                                             Au 2345 unID ch 2-6 from N
Tr 0345 CBOFT-9 Timmons(288)
3-19 Tr 2200 WPNE-38 Green Bay
                                                      4-5 Tr 2330 WPNE-38 Green Bay
```

Paul also notes seeing the CHLAT-13 VHF satellites on 3-10, 11, 17, 18, 30, and 4-3 & 5. In a late report at press-time Paul relates catching a good E-skip opening from approximately 2300 on 4-16 to 0100 on 4-17...log-gings include WFMY-2 Greensboro, WCBD-2 Charleston, and double-hop WKAQ-2 San Juan, Puerto Rico....more details next month!

```
Bill Draeb, Ellis St., R.R. #2, Kewaunee, WI 54216 (CDT)
 3-14 Tr 1918 KDNL-30 St. Louis(432)
3-19 Tr 1708 KDNL-30 St. Louis
                                                3-31 Tr 0837 KDNL-30 St. Louis
                                                          1704 WUSI-16 Olney, IL(402)
          1708 Cleveland U's (355)
                                                          1704 WAND-17 Decatur(315)
           1727 WOSU-34 Columbus(395)
                                                          1704 WICS-20 Springfield(325)
           2018 WHMB-40 Indianapolis(336)
                                                          1704 WKYT-27 Lexington(473)
 3-23 Tr 1353 KDNL-30 St. Louis
                                                          1704 WLKY-32 Louisville(437)
                                                          1704 W71AE LaSalle, IL(215)
           1408 Cleveland U's
 3-24 Tr 2245 Cleveland U's
                                                          1909 Cleveland U's (355)
          2245 WAKR-23 Akron (380)
                                                4-2
                                                      Tr 1708 K DNL-30 St. Louis
 3-25 Tr 1830 Cleveland U's
                                                      MS 0530 WCBS-2 New York(740)
                                                4-7
          1944 Indianapolis U's
                                                4-8
                                                      Tr 1915 Cleveland U's
          1950 WLKY-32 Louisville(437)
1950 WOSU-34 Columbus
                                                          1915 WKYT-27 Lexington(473)
                                                          1915 WOSU-34 Columbus(395)
1947 WLKY-32 Louisville
           2209 K DNL-30 St. Louis
 3-26 Tr 1918 Dayton U's(368)
                                                4-10 Tr 1907 Dayton U's(368)
          1920 WOSU-34 Columbus
                                                          1907 WOSU-34 Columbus
          1927 KDNL-30 St. Louis
                                                          1907 WUSI-16 Olney(402)
          1937 WHMB-40 Indianapolis
                                                          1907 WICS-20 Springfield
          1937 Cleveland U's(355)
                                                          2030 WMUL-33 Huntington(498)
3-27 Tr 1641 KDNL-30 St. Louis
                                                          2038 Cleveland U's
          1653 Cleveland & Dayton U's
                                                4-12 Tr 1733 K DNL-30 St. Louis(432)
          1715 WOSU-34 Columbus
                                                          1955 WCSU-34 Columbus
          1803 WOUC-44 Cambridge(453)
1816 WFMJ-21 Youngstown(420)
                                                          1955 Cleveland U.s
                                                      LS 2020 Erie U's
          1816 WKBN-27 Youngstown
                                                      Tr 2020 Dayton U's
          1903 WIPB-49 Muncie(310)
                                                4-13 Tr 2208 Cleveland U's
          1903 Indianapolis U's
                                                          2208 WICS-20 Springfiela
          1903 WIKY-32 Louisville(437)
1918 WUTV-29 Buffalo(445)
                                                      LS 2208 Peoria U's
                                                          2208 WICD-15 Denville
          1930 WVIR-29 Charlottesville T
                                                          2208 WICS-20 Springfield
          2120 WKYT-27 Lexington(473)
                                                          2208 WAND-17 Decatur
3-30 Tr 2238 WIIL-38 Terre Haute(348)
                                                          2208 K DNL-30 St. Louis
A late call from Bill also indicates he caught some E-skip on 4-16 from
about 1700-1900, including unID Spanish channel 3 in the direction of
the Caribbean area...more on this next month. Bill is currently DXing
with the following set-ups: For UHF, a Lafayette 7' parabolic dish at 90 feet powered by a combination of Blonder-Tongue CMA-UB (14-69)& CMA-U
(53-83), each with separate power-supplies and a Dow-Key #77-263232 relay. From this, the signal is fed into a CADCO UHF-DX-C2 Interdigital
amplifier and from there to a Blonder-Tongue BTX-lll converter, and from there to a 1971 Zenith B & W #14N22 TV. As if this weren't enough, Bill
is trying to arrange a system whereby he can add a CMA-U (14-59). Now,
for high-band VHF: Two 10-element Finco ch 7-13 yagis are stacked vertically and fed with Belden tubular foam-filled 300 ohm lead, and ampli-
fied by a Blonder-Tongue AB-3 amp and power supply.
                                                                  This is mounted
above the 7' dish at about 100' ..... a special ham model rotor is used
to rotate both arrays. Bill uses the same 1971 B & W Zenith for high-band VHF. For low-band VHF: Two Fince ch 2-6 yagis are stacked verti-
cally atop a cedar pole about 35' above ground-level, and are rotated by an Alliance rotor. Bill uses the same type 300' ohm lead as used on highband, but with no pre-amp, and DXes ch 2-6 on a 1966 Zenith P & W #14M23.
Add to all of this fine equipment Bill's great location overlooking Lake
Michigan, and his years of experience and great devotion to the hobby,
and you can see why his reports and log totals are so impressive!
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Den Ruland, 4448 68th Place, Kenosha, WI 53140 (CET)

4-16 Es 1900 unID ch 2-3 from S-SE 4-18 Au 0555 unID ch 2-6 from NE 4-17 Tr 0650 W71AE LaSalle 4-19 Tr 0730 W0SU-34 Columbus(320)

Finally received the CMA-UB (14-69) and #1526 power-supply, and installed same on 4-13 (replacing CMA-U 14-59 and #1514 power). Noted a slight overall improvement in signal strength, moreso on channels 35 and up. However of more importance, is a definite improvement in overloading and cross-modulation. Now all that's needed is some DX.....73.....

WESTERN TVDX

Dennis Park Smith 22372 Ceres Avenue Chico, California 95926 Telephone 916 343-9424 Deadlines: 10 May, 6 Jun

There was an excellent Gulf tropo session centering around 31 March. Glenn Hauser in Oklahoma saw VHF and UHF as far as Louisiana, 515 miles. Pat Dyer in south Texas observed VHF and UHF from Florida, up to 1150 miles (on low-band and high-band VHF as well as UHF). Along with all the tornados, there was some Es activity as might have been expected in connection with turbulent weather. All reporters this time caught some Es.

rred McCormack, Des Lacs, North Dakota 58733 (March) (CDT)

(In the March column, reporting-period dates "1 Jan - 3 Feb" were mistakenly omitted from Fred's report. And, Fred apparently saw no DX in February. dps)

Equipment: Heath color TV CR371MV Windson CM 10 Equipment: Heath color TV CR371MX, Winegard CW-48

Mar 16 Es 2200 WCBI 4 Columbus MS 2229 KARK 4 Little Rock AR 2233R1220 3334R1040

Glenn Hauser, 620 N. Husband, Stillwater, Oklahoma	74074 (8 Mar - 7 Apr) (CST)
Distances are given for new catches. (31)(tr)	0611 WRBT 33 Baton Rouge LA 515
11 tr 0655 KSLA 12 Shreveport LA	(WIL77 STL, 0628goodmorningslide)
0930 KERA 13 Dallas TX (o/KETA)	0613 KTRK-13 HoustonTX (SS drams) N 455
0931 KIDZ 24 Wichita Falls TX N 175	0613 KHOU-11 Houston TX N 455
(//KERA SW: Carrascolendas)	0614 unId 7 (somediag.CCI. Mex?Cuba?)
0935 KXTX 39 Dallas TX	0619 WBRZ 2 Baton Rouge LA N 515
0935 KXTX 39 Dallas TX 16 Es 2053 CKCK- 2 Regina Sask?(orCKPR?)T	(wx dial scan a la CATV, 0629aud.Id)
2056"CBKMT"4 Moose Jaw Sask ? T	0628 KALB 5 Alexandria LA N 435
(or Thunder Bay newie?)	0629 KTAL 6 Vivian LA N 280
2119 KDAL- 3 Duluth MN (MN wx) N 780	0629 KLTV 7 Tyler TX N 280
21 Es 2025 WCBD 2 Charleston SC ? T	0639 KINI 15 New Iberia LA N 510
2037 WFMY 2 Greensboro NC ? T	(full CB; 0659s/on: SSBaud=GMslide)
2053 unId 2 (ne? 10 CCI, B.Graham)	0703 WAPT 16 Jackson MS (-4 kHz KUHI)
2312 WESH- 2 Daytona Beach FL N1035	(0810 still in the other Us out)
31 tr 0547 KJAC 4 PortArthur TX(Id sl.) N 455	0848 KNOE- 8 Monroe LA
0549 KVUE 24 Austin TX ? (CB) T	0903 KTHV 11 Little Rock AR
O552 WAFB- 9 Baton Rouge LA N 515 A2: a	px 2000: breezes bend mast -30° of UHF/FM.
0552 KSLA 12 ShreveportLA (3/4CBw/CL) 5: t	ook down UHF & FM ants.
0552 KPRC- 2 Houston TX (s/on) N 455 6: p	ut FM back up, moved ch-8 to top, making
0557 KATC 3 LafayetteLA(3/4CBCL)N 500 i	t rotable; UHF left off, topheavy air-
0558 unId 26 (lunar s/on, 0600 Bozo) c	

Dennis Smith, 450 Poplar Avenue, Wasco, California 93280 (7 Apr) This was my original DXing address, where I started FM-DXing in 1952 and television in 1954. In more recent years, occasional visits have been made to my mother there and to DX a bit, as it has been the only location at which I've had any real DXing equipment installed. Such was the case when during Easter week I went to Wasco on 6 April. On 7 April morning, I turned on the 1957 Fisher FM-90X mono FM tuner with TACO 10-element FM yagi 40 feet above ground (ground elevation 325 feet) to check for signals and found everything normal, except for KCSM San Mateo CA (200 mi, c1 mx), somewhat stronger than in past and on 91.1 instead of 90.9—probably a frequency change and power increase. I didn't take time to check TV at all. That afternoon, my mother, sister and I went to Santa Barbara to visit relatives. We were in Santa Barbara when on 8 April, the house in Wasco was destroyed by fire. Every piece of electronic equipment was lost, including the FM tuner, the 1954 Zenith 21" 19L28 on which I first started TV-DXing in 1954 and still operable until the fire, and other radio and television gear. A small, inexpensive booster and converter survived. My extensive phonograph record collection was damaged or destroyed; a box of recorded tapes (not really extensive) survived. Practically all of my DX papers (notes, photos, letters, club bulletins, books, magazines) remained intact or with only minor damage, though several years of British Practical Television may have burned. Our old piano perished; a saxophone remains unfound. All furniture and most (Continued at bottom of next page)

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Jim Pizzi, 300 Park, Orcutt, California 93454 (6 - 29 Mar)

Equipment includes 1969 Zenith color, 10-el. S&A lowband, 10-el. S&A highband, 7-ft Finco UHF w/ Jerrold amp. Most distances are appro-
                                                                                                    (PDT)
                                                                     Most distances are approximate
7 Es 2000 unld 2,3 east(KFDX-3seenin TaftCA)(20)(tr) 2200 KMST 46 Monterey CA 10 tr? 1903 unld 56 north (xltr or image??) 21 tr 1208 KTEH 54 San Jose CA
                                                                                               3325
                             (of KEYT 3)
                                                                   (gone at 1211)
    tr 2014 KHOF-30 SanBernardinoCA 2325N 150
                                                             1210 K78?? 78 north(discusspgm) 2035(N)
    tr? 2114 (CBS) -57 north(xltr?image?)(56gone)
                                                                                  (of KTEH 54)
15 tr 0015 KBHK 44 SanFrancisco CA 2335
                                                             1212 K81? 81 north(exercise pem) 2135(N)
       0016 KTVU 2 Oakland CA
                                          2044
                                                                                  (of KQED 9)
17 tr 1000 KBHK 44 SanFrancisco CA 4125
1022 KTVU 2 Oakland CA 2134
                                                                  K75??75 north(of KQED 9)1035
                                                            1230, 1300: Ids on above (KQED, KTEH)
       1025 KMST 46 Monterey CA
                                                            1915 KMST 46 Monterey CA
                                          3445
                                                                                              5555 150
       1745 KTVU 2 Oakland CA
                                          4344
                                                            1925 to 1933 north: (Ø-offset KBAK-29)
       1750 KQED 9 SanFrancisco CA 2233
                                                                 K29AB 29 Monterey CA 2033N 150
       1751 KGO - 7 San Francisco CA3333
1755 KHJ - 9 Los Angeles CA 3233
                                                                   (1-kW-xmtr xltr of KGSC 36)
                                                                   (Thanks to Les Prus for this one)
       1758 KEMO 20 SanFran(Jap.pgm)1325
                                                            2200 KIXE 9 Redding CA
                                                                                              3233N 435
                                                            (PBS; no sign of KQED 9, also PBS)
2201 KRCR 7 Redding CA 4333N 435
       1800 KNTV 11 San Jose CA
                                         4445
       1803 KCET 28 Los Angeles CA
                                         1125
       1805 KFSN 30 Fresno CA
                                         4555
                                                                  (7R News 2301; weak 0005 on 22nd)
       1806 KMJ -24 Fresno CA
                                         4555
                                                      22 tr 0010 KRCR 7 Redding (f/out 0055)
                                                     25 tr 2105 KRON- 4 San Francisco
2107 KTVU 2 Oakland CA
       1815 KCRA- 3 Sacramento CA
                                         3234
                                                                                              2343
             (local KEYT 3 off)
                                                                                              3044
       1823 KTXL 40 Sacramento CA
                                                            2117 KBHK 44 San Francisco
                                         2315N 235
                                                                                               4225
       1900 KRON- 4 San Francisco
                                         3343
                                                     27 tr 2300 KHJ - 9 Los Angeles CA 4555
             (bad cable leak on ch 4)
                                                                  KABC- 7 Los Angeles CA
                                                                                              3554
20 tr 1335 unId 59(or 60) north
1912 KCET 28 Los Angeles CA
                                         1035
                                                                  K10##10 Santa Ynez CA
                                         3445
                                                                            (of KCOY-12)
             KBSC 52 Los Angeles CA 2045
                                                     28 Es 1856 CFAC- 2 CalgaryAlta(movie)4144
             KXLA 40 Los Angeles CA 2045
                                                                 KTVU 2 Oakland CA
                                                        tr
                                                                                              31.1.1.
             KHOF-30 SanBernardinoCA 2243
                                                     29 tr 0025 KOVR 13 Stockton CA
             KABC- 7 Los Angeles CA 3444
                                                            0029 KXTV 10 Sacramento CA
                                                                                              3333
       2050 KGSC 36 San Jose CA
                                         3335
                                                           0031 KGO - 7 SanFrancisco CA 4433
     March was a pretty good month with 7 new, all by trop. Totals now at 137.
My unid on ch 29 3/21 was Ided by Les Prus as K29AB Monterey, on Mt. Toro along with
KMST 46. KMST was in like a local at the time.
     I've removed my low-band S&A antenna; it had poor FB ratio. I'll replace it with an
S&A 10-element ch-3 yagi. I'll also put up 10-el. ch-2, 4 & 5 yagis on tool shed roof
for summer Es; ch-3 ant will go on tower. On garage roof, I'll put up 8-el. ACA FM
horizontal and 10-el. FM vertical. I hope to have it all up by end of April.
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Dennis Smith (continued)

clothing went. Enough of the house skeleton remained to keep the guy wires and 46-foot antenna mast in place. A few items were elsewhere at the time: my QSLs and Panasonic FM-AM portable in Chico, my Conrac/Dage/IPA-amp. TV receiver in Santa Maria, and a big Akai tape recorder in Santa Barbara.

It is the end of an era, for my own DXing. It is doubtful that the house will be rebuilt, so my signal-chasing from there is apparently finished. This is the last time the above address will appear for any DXing or correspondence. Final Wasco TV totals: 148 stations received (89 Es, 27 UHF); FM totals: 202 stations heard with one new (41 Es, 1 MS). I may eventually get set up for DXing here in Chico, and may continue with some mobile listening. And I am continuing with the Western TV-DX column.

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Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (7 Mar - 8 Apr)
Equipment: 1971 model 9-inch black-and-white Penncrest with Archer
                                                                                                                       (CST)
                         V-100 and 8-bay bow-tie UHF array at 20 feet with rotor
                                                        (31)(tr) 0404 WCKT 7 MiamiFL(lastlogd'65) 1150
  7 Es 2115-2150 2,4 unId
                                                                       O410 WPLG-10 Miami FL T1150
WLCY-10 Tampa FL(20kHz CCI) T 985
O420 unId 12 (likely FL)
         2130 KUTV 2 Salt Lake City UT
                                                       T1080
  2135 KCPX- 4 Salt Lake City UT
8 tr 2325 KOSA- 7 Odessa TX
                                                280
440
                                                                        0433 WINK-11 Fort Myers FL
0440 WTVT 13 Tampa FL
0444 WPTV 5 Palm Beach FL
0445 WWL - 4 New Orleans LA
         2326 KBIM-10 Roswell NM
                                                                                                                       N1040
  9 Es? 1010 unId 2
                                                                                                                       N 985
    tr 2250 KOSA- 7 Odessa TX
                                                         280
 17 tr 0955 KSEL-28 Lubbock TX
                                                       T 340
                                                                                                                          510
         0959 KCBD-11 Lubbock TX
                                                                               KNOE- 8 Monroe LA
                                                          340
                                                                                                                          440
                                                                        0452 WSWB-35 Orlando FL N1035
0512 WEAR-3 Pensacola FL(new mode) 685
0515 WGNO-26 New Orleans LA 510
                KLBK-13 Lubbock TX
                                                          340
         1002 KSWS- 8 Roswell NM (//Ch 11) 440
    Es 1015 unId 2 (brief, n.e.)
    1050 unlds 2,3 (agn brief, n.e.)
tr 2101 KMID- 2 Midland TX
                                                                        0518 WCIX- 6 Miami FL (new mode)
0519 WVUE 8 New Orleans LA
                                                         275
                                                                                                                          510
                                                      280
         2111 KOSA- 7 Odessa TX
                                                                               KLFY-10 Lafayette LA
                                                                                                                          395
         2329 KTXS-12 Sweetwater TX
                                                       230
                                                                        0531 WAFB- 9 Baton Rouge LA
                                                                                                                         450
18 tr 0935 KCBD-11 Lubbock TX
KSEL-28 Lubbock TX
                                                                        0549 WXLT 40 Sarasota FL
                                                          340
                                                        340
                                                                       -Tampa area Us (WBBH-20 WXLT 40 WTOG-44)
                KLBK-13 Lubbock TX
                                                          340
                                                                        stayed in to some degree until near
20 tr 0959 KPLC- 7 Lake Charles LA T 325

21 Es 2315-0000 2,3 unIds (vy spotty, n.e.)

22 Es 0000 WLW-D 2 DaytonOH(ratherlate!)1075
                                                                        1200; evidently the all-water path
                                                                        (not heating as fast as the land)
                                                                        kept the duct intact longer.
26 Es 1915-2145 2,3,4,6 unlds
1940 WDIQ 2 Andalusia AL
                                                                        1030 KFDM- 6 Beaumont TX
                                                       T 730
                                                                        1730, tropducts beginning to reform to east
                WSAV- 3 Savannah GA
                                                      T1050
                                                                               WBRZ 2 Baton Rouge LA
                                                                                                                      T 450
         1945 WCBD 2 Charleston SC
                                                      1015
                                                                               WAFB- 9 Baton Rouge LA
                                                                                                                       T 450
         1953 WCIV 4 Charleston SC
2029 WEDU 3 Tampa FL
2034 WESH- 2 Daytona Beach FL
                                                       T1015
                                                                        1800 WRBT 33 Baton Rouge LA
                                                                                                                         450
                                                                        1830 KLFY-10 Lafayette LA
                                                        985
                                                   1035
                                                                        2030 unIds 20,40, et al (likely FL agn)
2043 WDBO- 6 Orlando ru
(MUF 96.5 by 2100)
27 tr 0855 KSEL-28 Lubbock TX 340
KCBD-11 Lubbock TX 340
KLBK-13 Lubbock TX 340
                                                                        2100 WMAU 17 Bude MS
                                                                                                                         470
                                                                                                                      T 570
                                                                        2118 WMAH 19 Biloxi MS
                                                                        2302 WKAB-32 Montgomery AL
                                                       340
340
280
                                                                        2310 WCOV-20 Montgomery AL
                                                                                                                      T 755
                                                                        2314 WAPT 16 Jackson MS
2315 KVRL 26 Houston TX
                                                                                                                         525
                                                                                                                         195
    Es 1035-1100 KNXT 2 Los Angeles CA T1190 A1 tr 0010 KN0E-8 Monroe LA 1425-1440 KNXT 2 Los Angeles CA T1190 9115 WYEA-38 Columbus GA
                                                                       9115 WYEA-38 Columbus GA
28 tr 0023 KOMP 7 Pittsburg KS N 590 2 tr 0855 KVRL 26 Houston TX 2258 KVRL 26 Houston TX 1905 WERZ 2 Baton Rouge LA
2258 KVRL 26 Houston TX
KHTV 39 Houston TX
30 tr 2015 KVRL 26 Houston TX
                                                                                                                         195
                                                                                                                 T 450
                                                       195
195
                                                                              WAFB- 9 Beton Rouge LA
                                                                                                                      T 450
                                                                        2020 WAPT 16 Jackson MS
        2015 KVRL 26 Houston TX 195
2059 WBBH-20 Fort Myers FL N1040
2100 WLTV 23 Miami FL N1150
2114 KHTV 39 Houston TX 195
2115 WRBT 33 Baton Rouge LA 450
WKLT 40 Sarasota FL 990
2120 KLNI 15 Lafayette LA 395
2130 WMAH 19 Biloxi MS 570
                                                                                                                      T 525
                                                                               KLNI-15 Lafayette LA
                                                                                                                      T 395
                                                                        2100 KLFY-10 Lafayette LA
                                                                                                                        395
                                                                        2237 WRBT 33 Baton Rouge LA
                                                                                                                         450
                                                                        2315 KPLC- 7 Lake Charles LA
                                                                                                                         325
                                                       990 <u>3</u> tr 0035 KALB- 5 Alexandria LA 385
395 KRGV- 5 Weslaco TX 225
570 Es 1910 WLW-D 2 DaytonOH (tornado nx) 1075
        2143 WKID-51 Fort Lauderdale FL N1150
2235 WAPT 16 Jackson MS T 525
                                                                  1913 WAVE 3 Louisville KY T 945
1935 KEYT 3 Santa Barbara CA 1270
KNXT 2 Los Angeles CA 1190
31 tr 0000 WT05-44 Tampa FL 985
0029 WPBT 2 Miami FL (new mode) 1150
0030 XHTP- 9 Merida Yucatan (se.) N 820
XHAB- 7 Matamoros Tamp T 250
                                                         985
                                                                               KNBC 4 Los Angeles CA
                                                                                                                      T1190
                                                                       1940 XHBC- 3 Mexicali BCN
                                                                                                                      T1010
                                                                       1950 f/out
                                                   N1015 7 tr 2315 Kpm
        0250 W.IKS_17 Jacksonville FL
       Mar 30-31 was by far the best trop session since last May. If not for a series of
```

Mar 30-31 was by far the best trop session since last May. If not for a series of cold fronts (coming through about every 2 days it seems) conditions would have likely re-occurred, but with no chance for the humidity to climb the trop has been limited since.

Es has been running a bit above expected levels for this time of year. The Apr-3 opening into Ohio had bulletins on WLW-D concerning the Xenia tornado.

Jan 5 0124z DX turned out to be KTVM-TV 6 Butte MT (1365 mi). 73. WA5IYX.

Best of DX to all

EASTERN TVDX

Bill Thompson 1907 Seneca Street Buffalo, NY 14210

May 1974

Deadline: 10th

The Es season will be well underway by the time this appears in print. I can make this statement confidently since this month's column is being typed up in the midst of a massive skip opening today (April 16). Even a pessimist would have to admit that this is shaping up to be quite a year indeed.

Leslie Price 1710 Church Street Wilmington, North Carolina (BDT)

February 1973 (Feb. times EST) 9 Tr 0730 WJKS-17 Jacksonville FL

5 Tr 0800 WEBA-14 Allendale SC +WJCL-22, WEBA-14, WJFM-33
0800 WHR0-15 Hampton Rhodes VA WRLK-35, WOLO-25, WRDU-28 +WJCL-22, WEBA-14, WJPM-33, WRLK-35, WOLO-25, WRDU-28, WRET-36, WCCB-18 0800 WCCB-18 Charlotte NC 0800 WNOK-19 Columbia SC 0800 WNOK-19 Columbia SC 0800 WJCI-22 Savannah GA 0800 WJCI-25 Columbia SC 0800 WUNK-25 Greenville SC 0800 WRDU-28 Durham-Raleigh NC 0800 WCBD-2 Charleston SC 3443 0800 WCIV-4 Charleston 3443 0800 WCSC-5 Charleston 3333 0815 WITV-7 Charleston 4552 0815 WRAL-5 Raleigh NC 4433 0815 WITN-7 Washington NC 5552 0800 WRDU-28 Durnam-Haleng 0830 WRDW-35 Florence SC 0830 WRET-36 Charlotte NC 0830 WRDK-35 Columbia SC 0830 WBOC-16 Salisbury MD 0830 WOPB-28 Salisbury MD 0830 WOPB-28 Concord NC 0820 WCES-20 Wrens GA 3332 0820 WDC0-15 Colvin GA 1134 0830 WGHP-8 High Point NC 4444 0830 WNCT-9 Greenville NC 5444 June 1973 29 Es 1930 CKCO-2 (Wiarton, Ontario) 0830 WIS-10 Columbia SC 0830 WTVD-11 Durham NC March 1974 9 Tr 0730 (WATU)-26 Augusta GA 0830 WCTI-12 New Bern NC 5553 0830 WBTW-13 Florence SC "Would like to know what happened to WINS-TV Jacksonville NC. WINS-TV was authorized Construction Permit several years ago but has not come on the air. It is still listed in White's Radio Log." (It's not listed in the current Services Supplement edition of TV FACTBOOK, but checking back to the 1970-71 edition, the CP was mentioned as having been granted 5-21-69. CP may have expired or been revoked by now. Does anyone have any further info about this one? CP was for ch 19.-bt)

Bob Seybold Bennett Road Dunkirk, New York

January

19 Tr "also late evening of 18th:" CKGN-2 Bancroft Ont, CKGN-22 Windsor, CKGN-29 Dresden, WXON-20 WEYI-25 WKAR-23 WDHO-24 WGTE-30 WUHQ-41 WKBD-50 WTVS-56 WBGU-57 Bowling Green OH, CITY-79 "above average", "also signals to the east--Elmira, Binghamton, Scranton, etc..."

"Occassional reception from 22 Windsor and 29 Dresden, not much else observed -- did not observe band closely."

March Trops up; excellent signals from: WUCM-19 WXON-20 CKGN-22 Windsor, WKAR-23 WDHO-24 WEYI-25 CKGN-29 WGTB-30 WNIT-34 South Bend IN "weak", WUHQ-41 WKBD-50 WTVS-56 WBGU-57 CITY-79 & others

15 Tr CKGN-22 Windsor, CKGN-29 Dresden, "Toledo, Detroit U's..."
"CKGN-22 Uxbridge always in at 120 miles-sometimes good & viewable. However, Windsor 22 has no trouble getting in when conditions are up and both 22's are easily separated under those conditions. Fotals now 640-4 new. Hope to attend '74 convention..."

Greg Kelley 108 Archer Street Staunton, Virginia 24401 (EDT)
April 1 Tr 2140 WYAH-27 Portsmouth 1222R 1 Tr 2130 WHRO-15 Hampton VA 4555R "...often get frame bar f/WDCA-20" "Still have not got a new antenna...under normal conditions I get 11 VHF stations...with 'slightly better' conditions I get 12 to 16 stations... the whip antenna on the TV brings in ch 12 in Richmond @ 100 miles with the wall antenna on the TV brings in ch 12 in Richmond with light snow...on my simple \$10 VHF antenna, those 11 VHF stations come in ...5 give moderate snow to snow free...hills rise 100' East & West of me. To the West, the mountains reach 4000' at 7 miles, while mountains to the Bast reach 1600' to 3000' at about 15-25 miles."

```
March
1940-2020 unins 2,9
1 1604 unin-2 CBS
10 Tr 0623 WJXT-4 Jacksonville 3045R
15 2302 ICR-2 Havana Cuba 1255R
2302 ICR6-3 Santa Clara Cuba R
2302 ICR6-9 Matanzas Cuba1035R
19 1828 ICR6-8 Holguin Cuba 4444R
                                                                                                                                           0305 WJXT-4 Jacksonville 2024R
                                                                                                                                         0318 KHOU-11 Houston(830)1025T
0318 KHRK-13 Houston 1025T
0630 WJXT-4, WTIV-12 Jax (255)R
0918 WCJB-20 Gainesville(245)R
0918 WJXS-17, WBBH-20, WTVX-34,
                   1900 ICR-6 Hayana Cuba 3034R
2023 ICR6-8,ICR6-9 as above
1545 ICR6-8 Holguin Cuba 3033R
1730 ICR2-4 Camaguey Cuba 4041N
1730 ICR-6 Hayana 4043R
20
                                                                                                                                         WSWB-35, WXLT-40, WTOG-44

0935 KIII-3 Corpus Christi T

1745 ICR6-3 Santa Clara Cuba R

1800 ICR2-8 Santa Clara 3035R

2230 ICR6-9 Matanzas 3033R
                   1800 ICR2-8 Santa Clara 4042R
                   1800 ICR6-8 Holguin 40
1835 THLEREBELDE-3 Holguin
1918 ICR6-9 Matanzas 20
                                                                                                4042R
                   1918 ICR6-9 Matanzas 2043R
2100 ICR2-8 Santa Clara 4444R
                                                                                                                                            2300 WBBH-20 etc, unIDs on UHF
                   2245 ICR6-7 Ciego de Avila N
2302 ICR-2 Havana 4444R
                                                                                                                                            2330 ICR-2 Havana
                                                                                                                      April
1 Tr 0012 WCJB-20 Gainesville 3432R
0025 WJCI-22 Savannah GA 4444R
                   2313 ICR2-13 Matanzas 4044N
2332 ICR6-3 Santa Clara 1015R
0630 WLCY-10 Largo FL 3451R
                                                                                                                                           0025 WEAR-3 Pensacola(new mode)
21
         0639 WJKS-17 Jacksonville4444R
0722 WCJB-20 Gainesville 4444N
Es:1559 KTCA-2 St Paul MN
Tr 1900 ICR6-8 Holguin Cuba 4443R
1600 ICR6-8 Holguin 3031R
                                                                                                                                      0106 WVUE-8 New Orleans 4044N
0106 WDSU-6 New Orleans 4044T
                                                                                                                                 0106 WDSU-6 New Orleans 4044T
0106 KALB-5 Alexandria LA 3044T
0605 WWL-4 New Orleans 4444T
0615 WDSU-6 New Orleans 1341T
0615 WTCG-17 Atlanta GA 4444N
0620 WARY-31 Huntsville 435N
0622 WRBI-3 Columbus GA 4444N
0638 WOLO-25 Columbia SC 4444N
0648 WNOK-19 Columbia SC 4444N
0649 WRIK-35 Columbia SC 4444N
                   1630 TELEREBERDE 2329 ICR6-5, ICR6-9
2342 ICR-6 Havana (305) 4042R
2359 ICR-2 Havana 0222R
4021R
4021R
                    1630 TELEREBELDE-3 Holguin R
                   0018 ICR2-4 Canaguey
2308 ICR6-9 Matanzas
                                                                                     4044R
4234R
 24
26 Es 2311 KBTX-3 Bryan TX 4234R
2317 KJAC-4 Port Arthur 4232R
2317 KATC-3 Lafayette LA 4011R
2317 KFRC-2 Houston TX T
30 Tr 2158 WSWB-35 Orlando(testing)N
31 0108 KIII-3 Corpus C (new mode)
                                                                                                                                                            "CCI-2,3,4,7,9,10"
```

31 0108 KIII-3 Corpus C (new mode)
"Tropo here has been record level, not counting the week of the Cuban influx...the best tropo month I've seen in 5 years...Dick Clark also did
well, he called me 30 Mar. to tell me UHF was in (I didn't see any but he
got into TX!!)."

12a Andrew Valleyfield, Quebec J6S 3B2 (EST)
5 Es 1752 KG10-3 MasonCity IA R0900 David J. Egan January 1974

2 Es 1527 WEDU-3 Tampa FL R1280

1529 WJXT-4 Jacksonville R1100

1543 WEAR-3 Pensacola FL R1250 1754 WHBF-4 Quad Cities R0865 1756 WOC-6 Davenport IA 1949 WSAV-3 Savannah GA 1953 WEDU-3 Tampa FL 1954 WTVY-4 Dothan AL 7 R0975 1545 WTVY-4 Dothan AL R1155 1559 WPTV-5 W Palm Beach R1335 R1155 R1280 R1155 1515 "ch 3 hvy inverted CCI" 1522 "ch 5 hvy 'Ø' offset CCI" 3 1145 CJOX-3 Argentia Nfld R0945 "same inverted CCI as -3... 1725 WESH-2 Daytona Bch R1185 1726 WEDU-3 Tampa FL R1280 antenna north(possible Au Es)" 1726 WBDU-3 Tampa FL R1280 1314 CJCN-4 Grand Falls R0875 1728 WJXT-4 Jacksonville R1100 1329 CJON-6 St John's N1050 1730 WDBO-6 Orlando FL R1225 "3,4 & 6 simulcast" 1750 WMT-2 Cedar Rapids R0900 1334 CDNT3-5 Marystown N0875 duce myself. I am 19 here been lying My class every year I will reintroduce myself. I am 19 here been lying My class 4 severy year I will reintroduce myself. I am 19 here been lying My class 4 severy year I will reintroduce myself. "This is my first report in several months. As every year I will reintroduce myself. I am 19, have been DXing TV since 1967, and I work as a disk jockey at a local discotheque under the title 'DJ the DJ'. Right now I have 193 stations logged and plans this year include revamping of my antenna system and eventually, hopefully, a 7 foot dish...With the U.S. stations off by 12:30 local time chances of IDing some aurora are good. May have had Philadelphia on ch 10 via aurora last week."

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John Combs 816 W. Harvard Orlando, Florida 32404 (BDT)

March 1 Tr 0625 WSB-2 A
                                                                                                                                                                                                       0625 WSB-2 Atlanta GA
0629 KLFY-10 Lafayette
      20 GW 1535 WSWB-35 Orlando FL N0020
"3/4 CB test; first sign of
                                                                                                                                                                                                     0629 MLFY-10 Lafayette R0665
0631 MAFB-9 Baton Rouge N0605
0631 MJCI-22 Savannah GA N0245
0631 MCIO-25 Columbia SC N0390
0632 WTCC-11 Savannah GA R0245
0632 WTS-10 Columbia SC N0390
0633 WDEN-18 Dothan AL??
0635 WALA-10 Mobile AL R0425
0638 WCIV-4 CharlestonSC R0325
0638 WCIV-4 CharlestonSC R0326
0638 WCIV-4 CharlestonSC R0326
                                                     them since original planned
                                                     sign-on in August 1972"
     26 Es 2045 KPRC-2 Houston TX
                                                                                                                                            R0850
                                2057 WOAI-4 San Antonio R1045
    2145 KIII-3 Corpus C.
28 MS 0555 WLVD-2 Dayton OH
29 Tr 2248 WALB-10 Albany GA
                                                                                                                                      N0990
                                                                                                                                      N0810
R0280
                              2303 WREL-3 Columbus GA(AL) M
2305 WTVY-4 Dothan AL R0305
2310 WEAR-3 Fensacola FL(AL) R
                                                                                                                                                                                                   0638 WIVII-9 Columbus GA RO340
0638 WAAY-31 Huntsville AL?? T
0639 WYEA-38 Columbus GA NO340
0643 WVUS-8 New Orleans R0535
                              2325 WSFA-12 Montgomery N0390
0019 WDTE-13, 0030 WJHG-7 FL
0036 WTOC-11 Savannah GA R0245
30 0019 WDTB-13, 0030 WJHG-7 FL 0643 WUE-8 New Orleans R0535 0643 WDE-8 New Orleans R0535 0649 WDTB-13 Panama City R0275 1038 WHL-4 New Orleans R0535 0649 WDTB-13 Panama City R0275 1040 WVUE-8 New Orleans R0535 0649 WDTB-13 Panama City R0275 1040 WVUE-8 New Orleans R0535 0649 WDTB-13 Panama City R0275 1040 WVUE-8 New Orleans R0535 0649 WDTB-13 Panama City R0275 1041 WJHG-7, 1042 WDTB-13 FL 0650 WTTW-29 Greenville N0450 1041 WJHG-7, 1042 WDTB-13 FL 0650 WTTW-29 Greenville N0450 0622 WRDW-12 Augusta GA(FL) R 0655 WITW-7 CharlestonsC R0325 0623 WMAZ-13 Macon GA R0325 0702 WEAR-3 Pensacola FL?? T "Overwhelming is the only way to describe the DX here. I got my new receiver (RCA '74 9" B/W with 70-ch detent UHF tumer) just in time for some fantastic tropo. All UHF's were logged on a 5-in. loop antenna (Ha-ha to Cooper, Draeb, et. al.). 29 stations logged in 40 mimtes! Nost of them were in with TP's; it seemed like every time I changed the channel I ren head-on into another station! I wonder how I would have fared had I been able to get my 8-bay UHF up in time... WSWB-35 finally on here after a year usual independent fare (Mr. ED, Lost in Space, Batman, etc.), along with (!)...Wy hiatus from DXing lasted a month and a half. It's a pleasure to be back into it. especially with such great conditions. Who saws 1974 is
    30
  (!)...My hiatus from DXing lasted a month and a half. It's a pleasure to be back into it, especially with such great conditions. Who says 1974 is
   all that bad??"
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```
Tom Yingling, Jr. 221 Pinewood Road Dundalk, Maryland 21222 (EST/EDT)
                                                       December
 25 Tr 0830 WVIA-44 Scranton PA N0210
0900 WNYE-25 New York City 200
                                                        5 Tr WJNL-19 Johnstown PA
                                                               "with WDCA-20 off air during
                "with WHAG-25 CCI; also
to KINE-3 Lexington NE R1200
KYTV-3 Springfield N0950
METS-2 Little Rock N0950
26 MS 0330 KID-3 Idaho FallsID N1810 0640 MBH-2 Chicago 10600
"Got some real good MS DX from the boob-tube this winter. KID-TV 3 was a
tentative report and they verified. Boy, was I shocked to get a reply to that report. Since WTAF-29 went 5 megawatts, I get them all the time. The Jan. 1st skip got the year off to a good start--73s" aquipment: Sony TV-720U 7" B/W, Finco G-954 UHF preamp, 5' dish, Lafayette
36-element log-periodic.
```

/EASTERN TV-DXers PLEASE TAKE NOTE:/ Why not plan to attend this year's WTFDA convention in Topeka? Our club's annual convention is so interesting that once you've been to one, you never want to miss another! This editor had the good fortune of living relatively close to super-DXer Bob Seybold, host of last year's convention. Having been to one convention, I can promise that I'll certainly try to get to Topeka this August; believe me, it's well worth the trip! 24



VAF UTILITY DX

Pat Dyer 5315 Silvertip Drive San Antonio, TX 78228 Deadline: 12th of month

MAY 1974

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Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015; QSLed, GMT 6-14; 0104. KIK 982 37.30 Bonifav. FL (sheriff: also Car 73)
```

6-14: 0104, KIK 982 37.30 Bonifay, FL (sheriff; also Car 73) ov Easton, MD (Flight Training, Inc.; Cessna 150: single-engine, 2-seat)

1-1: 2031, KAB 216 37.10 Ames, IA (police, 100 watts) 2035, KAB 204 37.10 Keokuk, IA (police, 100 watts) 2049, KAI 795 37.10 Knoxville, IA (police)

2056, KAA 486 37.10 Sigourney, IA (sheriff)
2: 2004, KRZ 342 37.04 Truman, AR (police: 180 watts)
2011, KSK 922 37.04 Harrisburg, AR (sheriff: 180 watts)

Now, my loggings. Hallicrafters SX-62 with two 30' wires at 12' (nw-se and ne-sw runs); all are F2 unless noted, * F2 backscatter; daily peak F2 hUF noted for US and foreign if 30 kHz or more; 50-MHz loggings on Swan 250 with 3-element CushCraft horizontal Yagi at 15'; GMT used

```
3-13: 1900, 37.00 Sp

14: 1945, 37.00 Sp

15: 1650, 35.28 Sp
                                                                                             3: 2040, 33.00 Sp

4: 0102, KQD 313 (Es)
                                                 22: 0520, KSJ 815 (Es)
                                               2058, 71.55 Sp

241 2000, 36.55 Sp

241 1700, 36.45 Sp

251 2110, 35.28 Sp

261 1745, 31.21 rtty

271 0115, KIY 508 (Es)

1645, Los Ang (Es)

1713, L Beach (Es)

1724. KMA 829 (Es)
                                                        2058, 37.62
2000, 36.55 Sp
   15: 1650,
                                                                                                   0146, L Beach (Es)
    16: 2055,
                      50.02 Sp
                                                                                                   0440, KQC 877 (Es)
                                                                                           1937, 37.00
5: 1753, 37.00
6: 1810, 43.70
7: 1955, 43.10
8: 1802, KMA 829 (Es)
    17: 1915, 37.00 Sp
           2055, 37.00 Sp
            2332, KLF 527
   19: 1637, Los Ang (Es)
2300, 36.90 Sp
                                                       1724, KMA 829 (Es)
   20: 2233, KLF 527
                                                                                                   1832, L Beach (Es)
           2245,
                                                        1804, S Diego (Es)
1850, KME 438 (Es)
                                                                                                   1850, Los Ang (Es)
1918, KFJ 891 (Es)
                     42.30
   2343, <u>KGP 720</u>
21: 0112, KDN 407 (Es)
                                                       1905, KIN 645
                                                                                  (Es)
                                                                                                   2330, 41.01
2127, 45.20
           0115, KAQ 606 (Es)
                                                        1907, KIF 651 (Es)
           2030, US 31 +
                                                                                           10: 1838, 43.70
                                                        2125, 35.28 Sp
           2105, 50.237
                                                28: 0120, KLF 527
                                                                                                   2212, KMA 829 *
                                                       2030, 33.00 Sp 11: 2000, 45.90 1955, 31.26 Sp 2305, KMA 829 * 2135, 31.21 2325, KKI 445 * 1828, 35.28 Sp 12: 1945, 42.30 2032, KFL 943 (Es) (add: 4-21 1920, 30+ Sp)
           2110, WB4NDT * 2146, KLF 527
                                              29:
30:
4-1:
   22: 0313, KMA 829 (Es) 0315, KFJ 891 (Es)
           0446, KSC 645 (Es)
```

The night of the midwest tornadoes (Apr 3-4) very heavy 37-MHz activity (mostly police and utility company crews) was in from the stricken area.

New ID's from some rather ancient loggings: (cst)

```
KQL 885, 33.--, Montville, CT (fire): 11-8-70: 0945; 17: 1135; 12-8: 1432: 3-15-72: 1029; 27: 1634; 10-22: 1419: 29: 1115
KRO 266, 33.78, Lacey Township, NJ (fire): 11-22-70: 1455
KDX 459, 33.50, Medway, MA (fire): 11-28-70: 1340
KSV 810, 33.08, Portland, OR (Emanuel Hospital): 3-15-72: 1224; 10-7: 1015; 10: 1520: 11-9: 1245; 18: 1320: 20: 1320: 21: 1154; 22: 1201: 24: 1240: 26: 1313: 27: 1229: 28: 1244: 2-2-73: 1413: 16: 1532: 20: 1700: 10-27: 1645: 11-4: 1645
KRS 250, 33.04, Martiner, CA (county): 12-29-72: 1305: 11-24-73: 1340
KDU 456, 33.08, Redwood City, CA (Mercy Ambulance): 12-29-72: 1330
KDZ 385, 33.08 Colma, CA (Mercy Ambulance): 12-29-72: 1330
```

More recently, a lot of h.f. harmonics have been logged, mostly unID. With help from Glenn Hauser some of them are being resolved -

3-7-74: 2000z, BBC 30.52 Ascension Island (relay)

VHF UTILITY DX

```
KAQ 606
            35.58 Denver, CO
                                                   KMA 829
                                                               35.58 San Diego, CA
35.22 Orange, CA
           35.22 Col Springs, CO
KDN 407
                                                   KME 438
                                                                         Orange, CA
                                                               35 +
35.50
            35 +
KFJ 891
                                                   KQC 877
                      Columbus, OH
                                                                          Cincinnati,
KFL 943
KGP 720
KIF 651
            35.58 Las Vegas, NN **
                      Las Vegas, NM ** KQD 313
Petersham, NA-f KSC 645
Fort Lauderdale, FL KSJ 815
                                                                          Dayton, OH
            33.70
35.58
                                                                35.58
                                                                         Chicago, IL
                                                                35.22 Fort Wayne, IN
KIN 645
            43.22
                      Miami, FL
                                                    WB4NLT
                                                                50.1
                                                                          Ft Lauderdale, FL-a
Long Beach, CA *
KIY 508
KKI 445
                                                                35.58 Long Beach, CA *
35.38 Los Angeles, CA-mp
35.46 San Diego, CA-mp
            35.22 Orlando, FL * 35.58 Houston, TX
                                                       -
KLF 527
            35.22 Honolulu, HI **
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a-amateur; f-fire; mp-mobile phone; rest are tone pagers, except * voice and ** tone messages, voice ID.

4-8 logging of Los Angeles on 35.46 channel

also, 3-27: 1733, KMD 934 42.34 El Centro, CA (state police)

The following table was last run in the May 1973 column, \P is a condensed version of previously run ones (Aug 1970 and July of 1971, 1972). From it various relations of Es skip distances and MUF's can be arrived at. These are the M-factors for a non-tilted Es patch at 105 km using the 'Secant Law'.

1400:		1000:	1.062	600:	1.380	200:	3.087
1300:		900:	1.105	500:	1.566	150:	3.681
1200:		800:	1.166	400:	1.849	100:	4.423
1100:	1.033	700:	1.254	300:	2.304	50:	5.207

To use this, suppose you have 40-MHz skip down to 600 miles, then the 1420-mile skip (the maximum for the height assumed here) should be 40 x 1.38 = 55.2 MHz. Recall that the Es must be near the path midpoint, so getting short skip in the 30-50 MHz range will not always give you TV skip.

By plotting the above on graph paper, intermediate distance can be interpolated for. From this minimum skip distances for frequencies below the MUF can be found. Additional explanations and data (same as noted in May 1973) for those interested are available for an s.a.s.e.

In the first part of April solar levels reached up to their highest since early last fall. However, the lack of any strong geomagnetic disturbances limited the ionospheric effects. The over-50 kHz kUF's of March 16 and 21 came with a lot less on the sun and were very unexpected.

There is some apparent debate as to the current phase of the sunspot cycle, i.e., has it reached mimimum yet or what. Previous predictions have the minimum projected in the late summer of 1975. Based on my own observations of the latter stages of Cycle 19 (1962-1964) this seems still reasonable. In looking to the next cycle (Cycle 21) and it s level, the important consideration is just how fast it climbs out of the minimum. Cycle 20 (min. fall 1964) aid not develop much life until 1966 (even though the first Cycle 20 spots were on in August of 1962!) and the maximum it reached was far below that of the prior peak (1957-8).

With all this in mind, the coming fall F2 season is likely to be the poorest since 1964. Thus, any F2 DX loggings in 30-50 MHz will be rare specimens for most of the US.

In the meantime, the early signs of ${\bf E}s$ indicate a rather healthy season for VHF DX propagation.

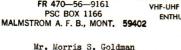
73, Pat WA51 YX

WORLDWIDE TV-FM DX ASSOCIATION

A/C JOHN M. KUSCHILL FR 470-56-9161 PSC BOX 1166

> VHF-UHF Digest Editor Post Office Box 163 peerfield, Illionois 60015

SERVING THE VHF-UHF DX **ENTHUSIAST**



Dear Morris.

Midwest TV Diers now have another good and interesting target --- Amateur Television That's right: A group of nams in the Minneapolis-ST Paul, Minnesota area have been some time now, beaming conventional wide-band tw at each other. The channel is "444 MHz" which is located in the UHF Ham Band covering 420 thru 450 MHz, and commonly called the 3/4 Meter Band. To those DXers not familiar with this band, it is sandwiched between Channel 13 and Channel 14 on a regular tv receiver.

Program content varies between "In home tours" to "Technical Documentaries". FUC regulations prohibit the transmission of music, so don't expect to see and hear a Saturday Evening concert. All in all, ATV (as we Hams call it) is alot of fun and interesting, both to the Hams and non-Hams.

A standard television receiver and a modified UHF tuner is all that is required coupled to a good horizontally polarized antenna in order for anyone to join in the fun. Several people have pressed into use regular our conical antennas which seem to work reasonably well at close ranges.

Transmitting gear is relatively simple, using converted Motoral T44 FM rigs that were removed from commercial use. A Dxer should try to obtain one thru a local surplus electronic shop, because both audio and video are transmitted on 444 MHz. This was done to prevent excessive expenditures on diplexers. No noticeable intermodulation distortion is seen on the AM modulated video.

To the right of this page, you will find a Poloroid picture of an actual off-theair transmission. This picture was sent a distance of several blocks with only a twin 6J6, 1 watt video transmitter. Notice the resolution that was obtained.

Military service has prevented me from further experiments with this medium, however I will like to hear from those persons who have DXed any of the stations on 444 MHz. Please mail any reception reports to the above address

In the meanwhile, Good Dxing to all!

73's.

Jun M. Kuschill John M. Kuschill, WBØDSA/7

Editor's Note: We regret the darkness of this photo, however, it is a modified Indian Head TP



FM QSL CORNER

Georgia Louisville WPEH-FM 92.1- their original reply was mis-addressed and USPS returned it and their remailing went to Mass. (yes) before it got here. ltr w/xmtr-ant info.v/s Sheldon Daitch, CE(WA4MZZ) Kansas Kansas City KCKN-FM 94.1-sent a one-line ltr. didn't specify if AM or FM. v/s Jim Jett.CE.

Az. Yuma KVOY-FM 93.1-verie note on my returned report.v/s John Gahaury, CE. Mentucky Owensboro WBKR 92.5-ltr, v/s Harold I. Peters, CE. Illinois Sterling WJVM 94.3-ltr, contour map-market data sheet. v/s Voigt Smith, Secretary-Treasurer.

California Los Angeles-KLOS 95.5-modified KABC card (AM-FM) that was used in 1971 (and likely before) v/s Arthur Sterman, CE. Florida Panama City-WGNE 98.5-ltr w/ant-xmtr info.v/s Clyde Hutchinson, CE. Michigan Ann Arbor-WUOM 91.7- ltr w/xmtr-ant infc; v/s Raymond A. Klatt, Jr. Assistant Tech. Director.

The above reports from Pat Dyer of San Antonic, Texas.

NEW YORK Auburn-WRLX 106.9-ltr from Herbert J. House, CE. Ithaca-WHCU 97.3-mimegraphed form ltr.v/s Bob Denison, CE. SASE used. North Syracuse WEZG-100.9-1tr from Dave Wickham, CE. SASE used. WEZG # 2 rated Class A station in U.S. Rome WKAL 95.1-ltr, cm. v/s Gerald W. Prouty, CE. Seneca Falls WSFW 99.3-ltr & cm from Charles Callear. Syracuse WCNY 91.3-ltr & cm from S. Paul Barron, Dir of Egr. SASE used. Syracuse WMHR 102.9-ltr from Glenn H. Baraick, P/M. Watertown WONCQ 97.5-printed ltr on back of my report from Don Alexander (no relation to me). SASE used. The above reports from Jim Alexander, New Hartford, New York.

MEXICO XEBS-FM 89.7, Mexico. Attractive post-card with the large. detailed rubber-stamp QSL text of the entire Nucleo Radic Mil (AMMFM/SW), good, specific verification text and station name "La Chica Musical" written in, signed Jorge Garcia R. In 10 months without a follow-up. This network also includes XEOY-FM, 100.9. Michigan WINL-FM 95.3, Niles. Card, specific, in 7 months without follow-up, from Matt Pierzchala, Dre Eng. Tennessee WYNQ Chattanooga, 106.5. Itr, omitted time, CM, promo sheet and calling card from Bob Riley, St. M.

Virginia WXRA Alexandria-105.9. pleasant ltr, specific but omitted time, in sevan months with apologies for the delay from Robert# W. Tallaferro, Eng. in Charge, who says my report is the farthest. (note...their transmitter is in Woodbridge, Va., and I have noted a much stronger signal...gk...)

The above reports from Richard Wood of Baton Rouge, La. 70803

NEW JERSEY Camden WKDN 106.9-verified my form ltr and sent personnal ltr. from John G. Zesewitz, CE in 5 months....Mr. Zezewitz wants to know how I like my Zenith 7000 and beleives I could get their sister station, WFSI 107.9 in Annapolis, Md. (I can) The above report from me...gk.

Due to the amount of reports received, I am going by names instead of by states. I already have 8 pages typed up like this. If you want me to go back to states method, please send all reports on index cards. (Ken Simon's method is good). Then after all 8 pages are used, I will go back to states. Thanks......Greg

KY Louisville WKRX 106.9-Keith L. Reising, P. & G.M., claims W. Texas to be their most distance FM report. (Not verified from Louisville-WLRS 102.3) MI Gaylord WWRM 106.7-specific verie ltr from ham John D. DeGroot, P.& G.M. Charlotte WCER 92.7-friendly ltr from David W. Huva K8PTZ CE, verifying my only aurora reception of a class A station, and say my reception at an "air distance of 475 miles is, indeed, a record for reception of the FM signal of WCER." MO Columbia KBIA *91.3-Roger Karwoski CE, mentions in 1tr that they've been picked up in Nova Scotia. Jefferson City KJFF 106.9-Jim Lipsey, sales M., sends specific, friendly verification on ltrhead of KLIK (AM), on which FM info has been typed. Jefferson City KLUM #88.9-Gene W. Ormond, communications specialist, Lincoln U. of MO: "We are happy to know someone that far away was listening on the first night of broadcast (Aug. 20,1973)." Maryville KXCV *90.5-Rollie Stadlman, G.M., mentions in 1tr that my report* is from the greatest distance north, although KXCV has been heard in Bakersfield, Ca, NJ, PA, and New Orleans. Springfield KTXR 101.5-Mrs. Jane A. Meyer, assistant M.: "Your report of KTXR reception was complete and accurate to the most minute detail, including the fact that we were transmitting monophonically at the time you were listening ... we have also heard from the states of Louisiana and Arkansas some time ago, but none gave the great in-depth detail which you did."

NE Columbus KTTT 93.5-Joe Stavas, M., furnishes specific QSL ltr.

Lincoln KFMQ 101.9-Steve Agnew, Pgm. Dir, & Engr., mentions in this

ltr that when KFMQ was at lower power on 95.3 they received a ltr, "from a guy in Korea, who documented as you did listening to us for about three hours!" This is my first QSL from KFMQ after a halfdozen attempts to verify them when received years before on 95.3 Lincoln KWHG 102.7 (calls have since been changed to KH KS). James E. Kamas, P. verified my report specifically but disagreeded with my reporting that they play rock music, which he claims is not their format, Duluth area the greatest distance they have been heard, to his knowledge. Omaha KVNO *90.7-Frederic A. Leigh, Pgm. Dir., verified, thanking for the extra info I sent on FM DX'ing. York KAWL-FM 104.9 - specific, friendly ltr, from "David L. Johnson," who says my report is the most distant. NC Goldsboro WOKN 192.3 "The WOKN disjockies have all read the letter. and they were very surprised to find out that we had really reached as far as we did. Bob Swinson, G.M. Morehead City WMBL-FM 95.9-short, specific ltr/vs Robert L. Statham, CE. Wallace WLSE-FM 94.3-Wayne Sumner, pgm, dir., claims my report most distant and thanks for the FM DX sheet. Wilmington WWIL 97.3-"Just two days before receiving your letter, we received one from Richard E. Wood, in Baton Rouge, LA, which is 813 miles Wilmington, N.C., but yours is the 'cake topper.'"vs Wayne Gilbert, Pgrm. Dir. Wilmington WAAV 102.7-J.E. Hopkins, Jr.G.M., was grateful "for the unusal FM skip reception," and mentions they are 24 hours. (not verified from Wilmington: WMFD-FM 100.9) (me too.Bruce-gk) OK in Glenn Hauser-land, Stillwater KOSU "-FM" *91.7-specific ltr from Ed Paulin, Statiom M., claiming reception also in Bala, Ontario, and South Plainfield, NJ, sent along prgm.guide.

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The above reports are from Bruce Elving, Adolph, Mn.



MAY '74

With few QSLs to report this month, I'm running the SPANISH REPORT FORM. It was worked on by Dr. Richard Wood, Les Prus and Glenn Hauser. WELL DONE! I would suggest if you have some slight knowledge of Spanish, a pocket dictionary might be of some aid. With all the confusion over DST, I'm not sure of local times in Central and Southern America, except that most of Mexico, with the exceptions of the two Baja Californias use Car. Cuba generally uses EST but is on EDT as of this writing. PLEASE NOTIFY ME OF ANY SUCCESSES WITH THE FORM! I've sent a few to Mexico and am waiting for replies.

Have been trying to get through to WGR to see if we can get them to put date and time on their QSL card. No luck so far. WCBS is almost a dead issue. Lets face

it some QSL require a lot of work.

Station addresses can be found in Broadcasting Yearbook, Standard Rate & Data (TV) and in some of the older editions of WRTVH (at least in the 1969). If you strike out there, try phone books. Most local phone companies carry libraries of phone books which are open to the public. Sometimes I've been successful with: Chief Engineer,

WWWW-TV Ch.37 ANYTOWN, ALASKA 99999

Let me also not I've had letters returned marked 'insuficient address' too. As I've said before I can help expedite most Florida stations as Greg Kelley will tell when he got a QSL letter from WPTV-5 about 5 years after logging it. PS. Greg collect sea shells... I'm into stamps and coins, so use commemorative stamps when you write and I'll also trade TVGs ON TO THE REPORTS:

AK KETS Ch 2 LITTLE ROCK, 1 to VERNON L. DILLAPAIN, ce. 29 days. (TJY).

Ch 3 IDAHO FALLS, 1tr.& map. BILL JAMES, op.dir. 15 days. (TJY).

KS KCKT Ch 2 GREAT BEND, 1tr from KARD-3. MRS. JERRANE HADLEY, promo.mgr. 3 months. on second try. (KRS).

PA WJNL Ch 19 JOHNSTOWN, 1tr. &map, JOHN KERSHESKEY, ce. 14 days. (TJY).

WSBA Ch 43 YORK, signed report. JACK SCHUSTER, ce. 1 week on 3rd try. (TJY).

SASK CFQC Ch 3 STRANRAER/ CFQC Ch 6 N.BATTLEFORD/ CFQC Ch 8 SASKATOON, one 1tr. not mentioning separate stations. L.C.HOSKINS, dir. of eng. 6 days.(JM). CBKST Ch 9 STRANRAER, 1tr. GORLICN BROWNE, pr. 10 days. (JM).

CBKST Ch 11 SASKATOON, as above. 12 days. (JM).

LATE REPORTS

GA WTOC to 11 SAVANNAH, 1tr.&map.KYLE E.GOODMAN, d.of e.1 week.(KRS).

WYEA Ch 38 COLUMBUS, ltr. V.FRANK HARDMAN, ce. 1 week. (KRS).

SC WNOK Ch 19 COLUMBIA, ltr. JAMES R.KELLY III, tech.op.dir. 1 week.(KRS).
WOLO Ch 25 COLUMBIA, ltr. DAN BROWN, ce. 1 week.(KRS).
TN WSM Ch 4 NASHVILLE, ltr. AARON SHELTON, tech.dir. 13 days. (JA).

TN WSM Ch 4 NASHVILLE, itr. AARON SHELTON, tech.dir. 13 days. (J. WT WCAX Ch 3 BURLINGTON, ltr. CHARLES A. LIESE, ce. 18 days. (JA).

Nf1 CJCN Ch 4 GRAND FALLS, card from CJOX.JOHN C. TESSIER, op.mgr. 12 days.(JA). Que CFCF Ch 12 MONTREAL, am/fm/tv/sw card, station not specified. Unsigned. After 3 tries. 4 months. (JA).

CONTRIBUTORS--TJY=Tom J. Yingling, Dundalk, Md.; KRS=me; JM=Joseph Markewicz, Camp Alsask, Sask., Canada SOL OAO; JA= Jim Alexander, New Hartford, N.Y.

COMMENTS: Had a fine 'eyeball QSO' with Jim Alexander who was visiting his grandparents in Fort Lauderdale for the Easter vacation (It was in the 80s, eat you heart out!), and he joined me and my wife for din-din. If you are going to be in the area, you're always welcome to pop in for a visit and a meal. If you give my non-DXing wife, Susan, little notice you may end up with pot luck. My phone is: AC 305 585-7415, PLEASE, no collect calls! Of course, while Jim was here, DX was nil, except for a tentative Havana, Cuba ICR-6 on ch.6. Well, 73s until next month and keep them 3 x 5 cards comming!!!.SUPPORT YOUR CLUB/SUPPORT YOUR CLUB... I know there's more QSLers out there...

73s and gud DX

KENNETH R. SIMON 528 Pilgrim Road est Palm Beach, Fla. 33405



PRE-BROADCAST INFORMATION PITTSBURGH AREA STATIONSFOR ALL YOU MS'ERS LIKE ME

from

CLARK GOLUBIC 5201 COLE4000 DR. PITTSBURGH, PENN.

I have to go along 100% with Ken Simon's suggestion that everybody submit information about pre-broadcast material on their local stations. (Most stations I receive via MS end up in the TV-CCI column.) So, without further ado, here's some info on Pittsburgh area stations, with some logos to help.

STATION	LOCATION	PRE-BROADCAST MATERIAL	APPROX. TIME EDT
KDKA-2 WTAE-4 WDTV-5	Pittsburgh PA Weston WV	id slide id slide with distinctive logo unid cb to 0645, then unid RETMA to w/id in ul to 0635 then unid cb	0545-0555 0640-0650 0635-0655 0630-0655
WJAC-6 WTRF-7	Johnstown PA Wheeling WV	tp w/id in ul to 0640 then id cb	0630-0650
WSTV-9	Steubenville OH	id RETMA to 0545 then id slide	0535-0555
WIIC-11	Pittsburgh PA	various tp's, all unid except stn tp with id in center (b&w tp)	0530-0555
WBOY-12	Clarksburg WV	id RETMA to C650 then id slide	0630-0655
WOED-13 WOEX-16	Pittsburgh PA	tp w/id in center & unusual logo tp w/large "16" in centervery strange educ. stn; airs tp often between programs and from about 1130-1300; b'cast	0835-0900
		day is from 0900-1500	0835-0900
WFMJ-21	Youngstown OH	id RETMA	0630-0655
MMAN - 54	Morgantown WV	id retma to 0840, then voice ID, then unid cb	0830-0855
WKBN-27	Youngstown OH	id slide and unid cb	0630-0655
WYTV-33	Youngstown OH		.0730-0755
WPGH-53	Pittsburgh PA	id cb then id slide	1315-1330

(All cb's mentioned are full cb except WDTV-5 and WPGH-53, which are 3/4)

KDKA-TV2 13 WOED

















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ber club in the Association of North American Radio Clubs. TV-FM DX Association. WTFDA is a nonprofit organization and a mem-The VHF-UNF DIGEST is the monthly publication of the Worldwide

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