

publishers' notes...

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

1973 WTFDA CONVENTION BRINGS LARGEST CROWD EVER... Highlighted by talks, demonstrations (the equipment variety!), and discussions, the Dunkirk gathering was quite a success. Terry Colgan reports in detail what transpired, to go along with are usual photo coverage. There's even talk about next year's bigger and better convention!

THE SWITCH IS ON... Two of our editors have decided that they'd rather switch than fight-- or something like that. Don Ruland and Roger Brown have traded columns, making Don the new Central TV DX editor and Roger the new FCC TV editor. We understand that the swap idea had been individually under consideration for some time, but was just recently communicated. Good luck to both editors in their new positions!

PERSEIDS... Word is slowly filtering in that the Perseids meteor shower just isn't what it used to be. Results of last year were poor and this year hasn't looked much better. Several reporters have noted that the Aquarids shower (in late July) was much more active. Watch this and next month's report columns for details.

MEMBER SURVEY... In this issue, you'll find the questionnaire of the second WTFDA member survey. This really is an important project and your cooperation will be appreciated. Feel free to include extra comments on any area of club operation. This is also a good time for you to send Terry Colgan a shack photo for the MAILBOX. Just mail it in with your survey.

HAUSER QUESTIONS NO-ID ID'S... Member Glenn Hauser reminds telecasters of the evils of the growing trend to ID as "TV2", in an editorial in the June 18 issue of *Broadcasting*. Glenn asks, "Why are so many TV stations playing down their call letters?" We hope they give Glenn's letter some thought.

WATERGATE NOT BUGGING DXERS... What good are the Watergate hearings you ask? If nothing else, they've helped some DXers to log a few new stations! Many educational stations, both radio and TV, have been rebroadcasting the day's hearings, well into the wee hours. In some cases, this means that educational DX stations are still broadcasting after local commercial stations have signed off.

CHANNEL 14 QRM... As many of you may recall, the FCC is testing the feasibility of allowing 2-way business band stations to operate on "vacant" TV channels. Chicago was chosen as the first test city and now has 2-way stations operating on TV's channel 14. The Commission is now seeking to hear from individuals who note interference from the operation with their television viewing. If the response is light, the practice will surely spread to other cities and other channels. So, needless to say, if you hear or detect these signals on channel 14 and feel that they are causing you aggravation, **LET THE FCC KNOW!** Really, it's bad enough that metropolitan areas are overloaded with powerful locals and long operating schedules.

BITS... Because of delay and loss problems, WTFDA will be phasing out our third class service. All present third class paid members will continue until expiration, but no third class renewals will be accepted... The free **STATION BREAK** ads begin in this issue, but please remember that commercial ads cannot be accepted.

73, Gary and Morrie

WTFDA MAILBOX



Terry Colgan
P.O. Box 18268
Serna Station
San Antonio, TX 78218

Greetings and welcome to the "Mailbox". This month brings another fine collection of new members, and the second in a series of DX "den" photos. Here are our newest members:

William Alisuskas Jr.	6 Lawrence Avenue	Hopatcong, NJ 07843
Celerino Castillo Jr.	824 West State	Pharr, TX 78577
John E. Czarnowski	255 Oakwood Avenue	Staten Is., NY 10301
William B. Feidt	8708 Contee Road	Laurel, MD 20810
Wayne L. Fitzgerald	663 Leesville Road	Lynchburg, VA 24502
David S. Flower	1816 Collegewood Dr.	Ypsilanti, MI 48197
Peter C. Gennuso	636 Main	Dunkirk, NY 14048
Jeff Goldner	17 Roland Gdns.	London SW7 3PE, England
Clark E. Golubic	5201 Colewood Dr.	Pittsburgh, PA 15236
James H. Gould	RR #3	Kokomo, IN 46901
Fred Hendricks	11 Ravina Pk.	Decatur, IL 62526
Ronald A. Henry	120-7 Alcott Pl, Apt 7E	Bronx, NY 10475
Greg Kelley	108 Archer Street	Staunton, VA 24401
A. Kennedy	2380 Baseline Rd, Apt 904	Ottawa, ON
Gary C. Knaack	465 Lakeview Circle	Elk Grove Village, IL 60007
Joseph R. Loverro	Fenimore Trace, Apt 5E	Watervliet, NY 12189
Dale F. Miller	1100 LaMina	Ajo, AZ 85321
Roger R. Miller	2302 Southwest Rd.	LaPorte, IN 46350
Jerry Monroe	1030 Bonnie Lake Dr.	Alden, NY 14004
Joey Nonnast	419 E. Kenedy	Kingsville, TX 78363
Helen W. Ray	Salt Spray Ln.	Cape Elizabeth, ME 04107
Herbert A. Rudolph	RR #1	Green Lake, WI 54941
Ralph Smith Jr.	100 Rowland Ave.	Delmar, NY 12054
Timothy A. Sweet	407 Adelia	Springfield, IL 62704
Peter V. Taylor	1039 Erica Rd.	Mill Valley, CA 94941
Vern Vanderaide	2386 Cardinal Ln.	Holland, MI 49423
Lee Vulgamott	Box 177	Williams, IA 50271
John J. Walsh	714 Artic Avenue	N. Cape May, NJ 08204
Charles Winters	7 Parsons Dr.	Beverly, MA 01915
Andrew J. Yakubik	452 Main St.	Wilburton, PA 17888

All the news that's fit to print!

PETER GENNUSO (who traveled two miles to the Convention. -tc) spends his non-DX time as a steel worker and part-time TV repairman. Peter's equipment includes a Lafayette all-channel LP at 40-foot, an Alliance V-100 rotator and a Blonder-Tongue distribution amplifier.

One of our newest Texas members, JOEY NONNAST, hailing from the neighborhood of the world-famous King Ranch, is a graduate student of Texas A&I University. A member of the NRC and NASWA, Joey's interests span the bands from MW to FM.

A Zenith Transoceanic 7000Y and a Panasonic TR489B are the mainstays of GREG KELLEY'S shack. For FM, he uses a whip antenna; for VHF-TV, a 2-bay rhombic; and a Jerrold JUP-2 for UHF.

When not operating as W3DJ1, WILLIAM FEIDT scans other bands using a Sears 7410 receiver for FM, a Sears color TV, a Realistic "Patrolman 6", various antennas, and Sony and Concord tape recorders.

It's always nice (at least from my viewpoint -tc) to welcome VHF-radio DXers to the club. This month we have four!

Mrs. HELEN RAY takes time from her housekeeping to DX using Unime-trics high-band and low-band scanners hooked to an attic antenna.

JOHN WALSH has helped fire departments in 25 states and DC on two Plectron receivers, three 8-channel Regency scanners, and two 10-channel Sonar Scanners.

A Regency TMR-8H/LM scanner helps LEE VULGAMOTT pull in public service DX from the Midwest.

Holding down the bands in the far Southwest, DALE MILLER specializes in VHF-UHF utility DX. Dale listens on Sonar and HyGain scanners and two 3-band tunable receivers.

A radio personality on WGNA-FM, JOSEPH LOVERRO, uses a Pioneer SX-828 receiver and a Channel Master antenna.

Engineer JAMES GOULD has a fine DX "den"; sporting a Conrac AV12B receiver, and a 100-foot tower supporting a Channel Master "Super Crossfire" antenna, a 7-foot UHF dish and preamp, and a Winegard AC-913 VHF preamp.

JEFF GOLDNER learned of WTFDA through the Radio Nederland TV DX series. Jeff presently uses a Sony "PAL" UHF color TV, but is interested in modifying English VHF-TV's to improve their performance. (How about some help from our European members? -tc)

FRANK MERRILL reports moving to a new apartment twice as big as his old one. Frank doubts he can put up an outside antenna, so we'll see what he can do on a pair of rabbit ears!



JERRY PULICE, Staten Island, NY, spends many hours seated at the controls of this fine-looking 'shack'. Let's examine his equipment line-up from right to left. DX is recorded on the Sony CV-2000 VTR, and played back through the 18" GE portable atop his main receiver---- a Zenith 22" b/w set. The rack panel contains a line stretcher, coax relays, a 3-stage FET VHF high-band amp (38 db gain), a 2-stage FET low-band amp (22 db gain); Channel Master adjacent channel traps (2 high-band, 1 low-band), and an S-meter and power supply. Up in the "ether" are a Gavin 1023 VHF antenna, a ch 2-6 homebrew quad, and a Finco P-5 dish. The Gavin and Finco are turned by an Alliance U-100 rotator. If you look closely to the right of the GE receiver, you'll see Jerry's UHF preamp featuring 40 db gain and a 6 db noise figure. Look for construction details in an upcoming issue.

If you're interested in publicizing WTFDA, RON LEBLANC, 2524 Arizona Dr. Marrero, LA 70072, has a limited number of club bumper stickers left. Each 3"x11" vinyl sticker features the club emblem, and sells for \$1.50, postpaid. Why not put one on your car.

Until next month,

73 in '73, *Lerry*

FEEDBACK

CLUB POLICY

AN OPEN LETTER TO THE WORLDWIDE TV-FM DX ASSOCIATION

by C. M. Stanbury II

I frankly find it hard to imagine that there is a TV-DXer who is not interested in any and all forms of distant visual reception. Yet I recently submitted to the WTFDA a short article describing some new developments in facsimile broadcasting - both the VHF and short wave varieties. Even though I had been specifically asked by this organization to supply feature material, the article was rejected because, "most of it dealt with short wave; our bottom cutoff is 30 Mhz." To me, this seems like an incredibly narrow approach. If I can achieve 300 mile visual reception from Maryland, what difference does it make whether the carrier frequency is 543.24 Mhz (WETA) or 8080 KHz (NSS)? True, I have a formal QSL letter from WETA and only some curving milibar lines on a weather chart from NSS (for a sample, see SMALL PRESS REVIEW #17 - available from Dustbooks, 5218 Scottwood Dr., Paradise, CA 95969). But basically both represent visual reception from Maryland.

I also cannot imagine a TV-DXer who does not dream of direct global visual reception. Yet with the current anti-international trend in communications (eg. McLuhanism), direct broadcast TV satellites seem hopelessly snarled in technological and political power struggles while SW FAX, as pointed out in my SPR article ("Short Wave Concrete") is at least distantly on the horizon as an international mass media (i. e., it is if alteration of the ionosphere doesn't wreck all short wave broadcasting first). Surely TV-DXers are not so entranced by apparently endless lists of VHF and UHF call letters that they have no interest in the future???

COMMENTS?.. Stan brings up a subject that certainly had to come up eventually. Agreed, there are forms of "visual" communications in the HF spectrum, but they are in the HF range-- not VHF. I suppose that we could make the same comparison of facsimile, slow-scan and even teletype in HF to the differences between DXing the AM broadcast band and DXing on FM. This organization was formed with the intent of being specialized. Whether it is "narrow" or not, our specialization lies in the territory above 30 Mhz. I submit that it is no more narrow than NRC or IRCA specializing in BC DXing. . . YOUR comments are welcome!

Morrie S. Goldman, editor

MEXICO

UPDATER --Glenn Hauser

WTFDA MEMBERS are fortunate to have a choice between 'official' Mexican sources preferred by Bruce Elving and our much more realistic industry sources and observations by DXers. Those who have not participated in travelling, random listening (i.e. DXing), or interviewing 'equipment boys' (e.g. the CE of nine Monterrey stations?) shouldn't knock it. As for power differences, I deliberately rounded powers in my list, since I have no evidence that Mexican powers are maintained down to the last computed watt ERP! Two travellers, Dick Clark and Richard Wood, help provide us a further update:

88.9 XHM sked is to 0100, not 24h (DC)
95.3 XHSU GP is on w/SS EL/MoR (RW)
96.9 XEW- 'W en FM' 24h -eerr (DG)
99.3 XHRM not deleted, early June (GH)
100.1 KHSE no Stereorey ID (RW)
101.7 XEX- is \$ (DC)

Wood notes an XHNU-, R. Mundo-FM in the Acapulco phone book but not on the air; XHPA-93.7 is on. Clark says he didn't hear Mexico DF 90.9 93.7 97.7 104.1 and 107.3 stations while there, similar to our experience staying in the same part of the huge RF-polluted city. He also notes

that XHDF-13 supers a clock upper left continuously. (We've noted digital time widespread on Japanese TV; why not add IDs?!) Hauser hears from XHSP's manager that frequency correction to 99.7 will have to await the proper gear; but he has already instituted full IDs on 100.2.

help!



TO BETTER SERVE YOU, WTFDA NEEDS YOUR HELP...

We again direct your direction to a need of the club-- a very important one.

As most of you know, virtually all club activities have been focused on Hq since WTFDA was formed. Initially this wasn't so bad. The work load was light and everything could be coordinated, but as WTFDA has grown, so has that load.

Special projects dropped by the wayside. The time to coordinate projects just hasn't been available and the unfortunate thing is that every member has suffered because of it. So finally, in an effort to decentralize Hq, we have opened up a new position-- "activities chairman".

The activities chairman must be aggressive. His or her duties would be to co-ordinate and organize committees and projects of interest to WTFDA. These may include recruiting members to carry on those projects. For example, meteor scatter test committee, contests, new club supplies, research projects, etc. In addition, this individual would act in liason between the committees and the Board of Directors. The activities chairman should be creative, a self-starter and an experienced DXer.

Please give this position serious consideration. To re-phrase a famous philo-phy, "Ask not what your club can do for you... Ask what you can do for your club!"

.....

Convention Bids

WTFDA now invites you to submit a convention bid for the 1974 WTFDA convention. If you are interested in hosting the convention in your town, please send us one paragraph, detailing why your offer would be best for the club. Also let us know what dates would be available.

The bids must be received by October 15, 1973, and will be printed in the November VUD, along with a ballot. The 1974 convention site and date will be chosen by the members, as a result of the voting, and announced in January 1974 issue.

Whether or not you have submitted a bid previous to this notice, you must do so now to be included in the ballot.

STATION BREAK

ADS

HEATHKIT GD-125 Q-Multiplier. Provides additional selectivity and signal rejection for communications receivers. Assembled, operative, with manual. Very good condition. \$5.00 plus shipping. Les Prus, 1615 Pierre, Manhattan, KS 66502

AMECO PCL-P shortwave preamp, continuous 1.6-30 MHz, 110VAC, good condition, \$18. Squires-Sanders IBS international broadcast receiver. Motorized tuning, digital dial, manual, \$450. R. Wood, 820 Arlington, Baton Rouge, LA 70806

HEATHKIT cabinets (pecan and walnut) for AA-15, AJ-15, AA-29, AJ-29, AR-29, AR-19, AR-1500, AJ-1510. \$10 each. B-T AbTe U-2 UHF preamp. New, \$12. M. Goldman, 5815 N Christiana, Chicago, IL 60659.

YOUR non-commercial ad could be here, free of charge! 30 word or 3 line limit.

DX ISLAND! Imagine, your own private island for DXing! This uninhabited Pacific paradise awaits. Still used for French H-bomb tests, so there's no worrying about pesty insects or animals. Write: Atlantis Inc., Atlantis, Atlantis 54321--

TECHNI-

CORNER

Conducted by:

David T. Janowiak
3661 South 46 Street
Greenfield, Wisc.
53220

TURN YOUR ATTENTION TO ALLIANCE ANTENNA ROTATORS PART I

INTRODUCTION

Except in rare cases, no greater handicap exists than to try to DX with an outdoor antenna but without an antenna rotator. If you cannot aim the antenna toward the DX for maximum signal and minimum interference, you must expect limited results.

In this multipart series, I shall try to describe important features of the Alliance brand of antenna rotators. Included will be:

- How rotators operate in general
- How the Alliance rotators compare to other brands
- How all four Alliance models differ in important DX features
- How to install and use Alliance rotators correctly and what to look for when they fail.

Hopefully, information described here will allow you to make a wise choice of rotator -- whether Alliance type or not -- so you get the rotator that fits your needs and tastes.

Why did I elect to describe the Alliance brand? Simply, (1) Alliance rotators have successfully turned large ham arrays (see Figure 1) and will turn most of the larger TV/FM DX arrays, (2) they are the most popular type among consumers and TV/FM DXers and are readily available at many stores for from about 20 to \$40 wholesale, (3) I am more familiar with most Alliance models than any other type of rotator, having installed, used, and repaired them for years.

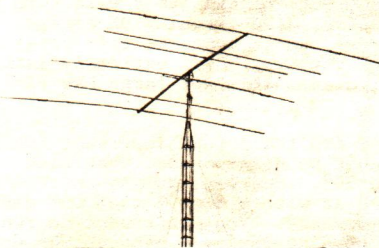


FIGURE 1. LARGE HAM ANTENNA ROTATED
BY AN ALLIANCE ROTATOR

ROTATOR PREFERENCES

Any discussion of consumer rotators would be incomplete without some comparison of the types of rotators made by major manufacturers. Not surprisingly, the opinions of TV service men and installers often differ sharply. For example, some will swear that the Cornell-Dubilier rotators are superior; others prefer all Alliance types; some like Channel Masters. In reality, any preference is usually based on what installers are familiar with, rather than actual evaluation based on testing.

Although competition is greater today, comparisons of consumer-type of rotators usually center around the Cornell-Dubilier and Alliance models, for these types indeed outsell all others. Some Cornell-Dubilier enthusiasts prefer the bell-type of motors (Figure 2A) and object to the offset design of all Alliance motors (Figure 2B). However, the moment of force in Alliance motors is always transferred efficiently over a wide area to the support mast regardless of the offset. Consequently, most objections are based on looks rather than function.



FIGURE 2A. CORNELL-DUBILIER'S INLINE, BELL-SHAPED MOTOR

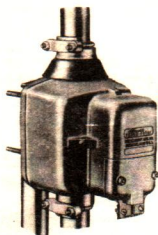


FIGURE 2B. ALLIANCE'S OFFSET MOTOR

Two of the most important rotator characteristics are accuracy (antenna direction agreeing with control box indicator) and repeatability (antenna stopping consistently in the same direction selected). These two characteristics have been evaluated in the excellent rotator review of Consumer Reports (CR). The latest review (July, 1973) deals with automatic types only, not manual types (terms to be defined later).

NOTE: I am prohibited by CR from using extensive results of their reviews. However, I urge those interested to check these reviews at libraries since they are extremely valuable and often reveal some "quirks" of certain rotators such as an overactive cutout switch on both samples of the Cornell-Dubilier AR33 (which would be disastrous for DXers!).

Although physical sizes and weights of motors and control boxes vary, none of this is important. Even the differences in motor torque shouldn't affect selection because any rotator available will turn the average antenna array. For large, heavy, wind-catching DX arrays, or if installed in very high wind areas, use a consumer type rotator with high torque (ratings given in CR reviews). For extremely large arrays, the Ham-M or Telrex rotators (used mostly for large ham radio antennas) may be the only answer.

Surprisingly, extremely high accuracy isn't all that important for most DXers since a small error wouldn't be disastrous, what with most antenna beamwidths being 30° to 70° . However, as the antenna's directivity becomes 20° or less (such as with a 6 or 7 foot UHF dish), accuracy and repeatability become important. You don't want to run outside to check the actual antenna heading during a bang-up UHF duct session. Similarly, you don't want to miss noting a weak signal from an "indicator" or "check" DX station just beyond your normal daily range because you're off by a few degrees with your 7 foot dish. (Later in this series, I'll describe a few tips I've found helpful for rotator use with a 7 foot UHF dish.)

In capsule, most consumer type of rotators do the job. Even though some are noisier, less convenient, and perhaps more difficult to keep in synchronism than others, there isn't a world of difference. Only the purist with bucks to burn would buy a HAM-M and cable for about \$200 for an installation that could be handled nicely by a \$25 Alliance T-45.

BASIC ROTATOR OPERATION

All rotators perform the same basic functions as shown in the block diagram of Figure 3. Beneath each of the three blocks in a rotator system is a list of what that block may do.

In any system, the control box translates operator commands into electrical impulses that are coupled via the cable to drive the motor in a given direction; the motor returns "position" signals via the same cable back to the control box. The resultant motor shaft movement causes antenna rotation through 360°.

That's it. Obviously, the more sophisticated the system, the more complex the circuitry and the more functions performed by the control box and motor. For example, the position return signal may be a simple end of travel indication (less expensive types). Or, it may be a precise, continuous electrical signal that translates into an instant readout on the control box and tells the operator exactly where the antenna is aimed at any time.

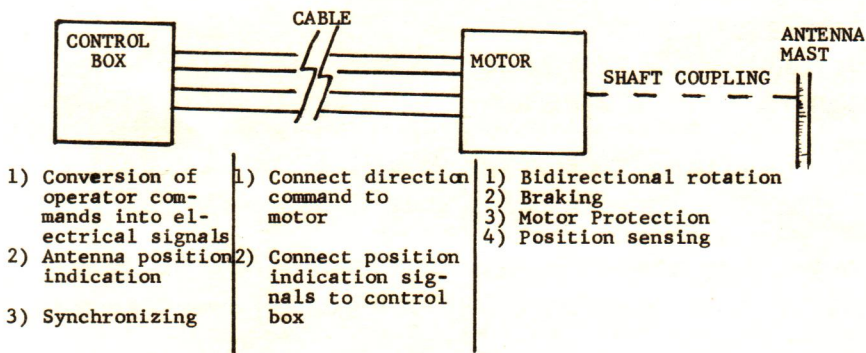


FIGURE 3. ROTATOR BLOCK DIAGRAM AND POSSIBLE FUNCTIONS OF (A) CONTROL BOX, (B) CABLE, AND (C) MOTOR.

Rotators may be classified as either "manual" or "automatic". For a manual type, the operator must continue his command (such as depressing a lever) until the antenna is positioned as desired, at which time he releases the command to stop rotation. For an automatic type, the operator issues a single command (desired direction); the automatic control does the rest. Obviously, an automatic type is desirable while DXing as it frees the DXer for some of the many things necessary during a DX opening.

Next month, I'll describe how the four Alliance models work and cite advantages and disadvantages for the DXer. Comparisons with similar non-Alliance types will be included.

73s

Dave

FCC TV NEWS

Roger H. Brown
1617 Linden St.
E. Lansing, Mi. 48823
September 1973

As will be detailed elsewhere in this issue, Don RuLand and I have switched columns. I have access to some FCC data information...Don didn't mind taking on a larger column... and I've been pressed lately for enough time to do the Central DX column. So here we go! Any information you have will be welcome.

NEW STATIONS ON THE AIR

Cambridge, Oh--(ch 44 ETV) WOUC granted authorization 7-19-73 for programming start 7-26-73. (Schedule not known at this time)

APPLICATIONS FOR NEW STATIONS

Riverhead, LI, NY--(ch 55) new, 380 KW max vis., 19 KW max. aur., 380' A.A.T., to be a satellite of WSNL-67 Patchogue, NY.

Rapid City, SD--(ch 7) new, 207 KW max vis., 20 KW max aur., 623' A.A.T. request of facilities of KRSD-7.

Lead, SD--(ch 5) new, 100 KW max vis., 10 KW max aur., 1897' A.A.T. request of facilities of KDSJ-5. Will operate as satellite of ch.7, Rapid City.

San Francisco, Ca.--(ch 60) new, 1450 KW max vis., 290 KW max aur., 1250' A.A.T.

CONSTRUCTION PERMITS GRANTED

Detroit, Mi--(ch 62) new, 725 KW max vis., 75 KW max aur., 800' A.A.T. 5-31-73

Milwaukee, Wi--(ch 24) new, 5000 KW max vis., 1000 KW max aur., 1000' A.A.T. Applicant had received Subscription TV authorization. 6-13-73

Naples, Fl.--(ch 26) new, 1500 KW max vis., 150 KW max aur., 710' A.A.T. 7-3-73

Wichita Falls, Tx--(ch 24 ETV) KIDZ-TV granted modification of CP 6-28-73 for change to 6.9 KW max vis., .6 KW aur., 530' A.A.T.

South Bend, In--(ch 46) WMSH-TV granted mod. of CP 7-25-73 for 890 KW vis., 180 KW aur.

Scranton, Pa--(ch 44 ETV) WVIA-TV granted mod. of CP 7-24-73 for change to 1200 KW vis., 120 KW aur., 1670' A.A.T.

CP FORFEITED, DELETE CALL LETTERS

KSMO-TV, ch 2, Anaconda, Mt.
KHBC, ch 20, Denver, Co.

KVRW, ch 11, Rawlins, Wy.

CHANGES GRANTED IN TV STATIONS OPERATING

Atlanta, Ga--(ch 11) WQXI-TV granted change to 316 KW vis., 63 KW aur., 1050' A.A.T.

Vincennes, In--(ch 22) WVUT granted change to 1550 KW max vis., 310 KW max aur., 570' A.A.T.

Springfield, Ma--(ch 57) WGBY-TV granted change to 1330 KW max. vis., 270 KW max aur.

Pittsburgh, Pa--(ch 13) WQED granted change to 690' A.A.T.

Lafayette, In--(ch 18) WLF1-TV granted change to 1490 KW max vis., 300 KW max aur., 780' A.A.T.

Lancaster, Pa--(ch 8) WGAL-TV granted change to 107 KW vis., 22 KW aur., 1360' A.A.T.

Lead, SD--(ch 5) KDSJ-TV allowed to continue broadcasting past June 20, 1973

Rapid City, SD--(ch 7) KRSD-TV allowed to broadcast past June 20, 1973
 Madison, Wi--(ch 27) WKOW-TV granted change to 1000 KW vis., 200 KW aur.
 El Paso, Tx--(ch 13) KELP-TV granted change to 275 KW vis., 27 KW aur., 2000' A.A.T.
 Montgomery, Al--(ch 20) WCOV-TV granted change to 617 KW vis., 120 KW aur.
 Austin, Mn--(ch 6) KAUS-TV granted change to 100 KW vis., 10 KW aur., 1050' A.A.T.
 Minneapolis, Mn--(ch 4) WCCO-TV granted change to 1430' A.A.T.
 Minneapolis, Mn--(ch 11) WTCN-TV granted change to 316 KW vis., 63 KW aur., 1440' A.A.T.
 St. Paul, Mn--(ch 5) KSTP-TV granted change to 1430' A.A.T.
 Pittsburgh, Pa--(ch 16) WQEX granted change to 264 KW vis., 53 KW aur., 700' A.A.T.
 Hartford, Cn--(ch 24) WEDH granted change to 808 KW vis., 82 KW aur., 890' A.A.T.

NEW CALL LETTERS ASSIGNED

Grand Forks, ND--(ch 2) KLHZ (ETV)	South Bend, In--(ch 46) WMSH-TV
Eagle Butte, SD--(ch 13) KLGC (ETV)	Colfax, Wi--(ch 28) WHMC-TV
La Crosse, Wi--(ch 31) WWVG (ETV)	Detroit, MI--(ch 62) WRIH
	Wichita Falls, Tx--(ch 24) KIDZ-TV (ETV)

CHANGE IN CALL LETTERS

Helena, Mt--(ch 12) KTCM (formerly KBLL-TV)

REQUEST FOR CALL LETTERS

Grand Forks, SD--(ch 2) KLHZ requests KGFE	Naples, Fl--(ch 26) requests WEVU
Honolulu, Hi--(ch 4) KHVH-TV requests KITV	Eagle Butte, SD--(ch 13) KLGC requests KPST-TV
Tacoma, Wa--(ch 11) KTNT-TV requests KSTW	Detroit, MI--(ch 62) WRIH requests WGPR-TV

TV STATE OF THE INDUSTRY as of Mid August, 1973

931 stations on the air (602 VHF, 329 UHF)
 695 commercial stations on the air (510 VHF, 185 UHF)
 236 educational stations on the air (92 VHF, 144 UHF)

76 approved stations not yet on the air (9 VHF, 67 UHF)
 70 applications pending for new stations (38 VHF, 32 UHF)

 That should about catch us up to mid-August. If you'd like more or less information included, please let me know.

Random notes: WFAN-14 Washington, DC and WMET-24 Baltimore have been ordered back on the air by 12-1-73. Owner United Broadcasting claims decision would place two stations on the air with inferior signals that can't be viewed in much of their markets. More court appearances are promised. Both stations have been off for more than a year.

Thanks to everyone who contributed to my Central DX column. Please support your new editor, Don Ruland!



NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

SEPT '73'

TV APPROVALS

DEER LAKE, NFLD CBYAT ch.12# Pres: .246/.123 EHAAT 425d Proprs: .51/.051 kw 287d
HULL, PQ-OTTAWA, ONT ch.30# 1,741/348 kw dir (TVA affil-French) must be on Oct 1/74
EDMONTON, ALTA CH.7 325 kw (Independent) NOTE: ch.7 not allocated to Edm.
THE PAS, MAN ch.7 CBWIT Pres: .264 kw dir Proprs: .288 kw dir
THOMPSON, MAN CBWTT Pres: ch.8 5 watts Proprs: ch.7 .296 kw dir
SHERBROOKE, PQ ch.9 77.1/14.5 kw dir (RADIO-CANADA) Target Sept 1, 1974
SHERBROOKE, PQ ch.7 CHLT-TV 325 kw to affiliate w/ TVA (French indpt net) Sept 1/74
Mt. St. MARGARET, NFLD CBNAT-9 ch.9# Pres: 21/4 kw EHAAT 850d Proprs: 29/2.9 kw 931d
DAUPHIN, MAN (Baldy Mtn) ch.12- 63 kw 1092 ft dir Sat of CJAY-TV-2 Brandon (CTV)
WINDSOR, ONT 218 kw 397 ft Auth: ch. 26 Proprs: ch. 22 (GLOBAL)

TV APPLICATIONS

UXBRIDGE, ONT ch.22# Auth: 2200 kw Proprs: 3120 kw (5 Mw max.) new site (GLOBAL)
HAVRE ST PIERRE OBST-1 ch.12 Pres: 16.2 w. AAT 15d Proprs: 16.3 w. AAT 65 omni
SCHEFFERVILLE, PQ OBST-2 37.6/4 w. AAT 434d Pres: ch.11 Proprs: ch.9 (R-O)
LABRADOR CITY, NFLD OBST-3 214/43 w. AAT 43d Pres: ch. 9 Proprs: ch.11 (R-O)
FREDRICTION-St JOHN, NB ch.5- 33.75/3.75 kw EHAAT 640½ dir Sat CBAPT Moncton (R-O)
RIVIERE AU TONNERRE, PQ ch.2 1.64 kw Sat OBST Sept-Iles (R-O)

Applications for move to 1805 ft ON TOWER, Toronto:

Ch. 5 CBLT	Pres: 77 kw EHAAT 444d	Proprs: 84 kw (100 max) EHAAT 1485d
Ch. 9 CFTO-TV	Pres: 325 925	Proprs: 280 1497
Ch.19-CICA-TV	Pres: 600 460d	Proprs: 1080 1605
Ch.25 CBLFT	Pres: 234 350d	Proprs: 2140 1605

FM APPROVALS

OHILLIWACK, BC 102.1 MHz 81 watts Sat CBUF-FM Vancouver (RADIO-CANADA AM & FM)
FREDRICTION-St John, NB 102.3 MHz 100 kw Sat CBAP-AM Moncton (RADIO-CANADA AM)
KITCHENER, ONT 98.7 MHz 202 watts Community oriented- non-commercial
BIG TROUT LAKE, ONT 100.3 MHz 60 watts Cree and Eng. language (& some CBC)

FM APPLICATIONS

LAVAL, PQ CFGL-FM 105.7 MHz 100 kw Proprs: add S.C.A.
KINGSTON, ONT CKLO-FM 98.3 MHz Pres: 955 watts Proprs: 47.7 kw
ST ANDREWS, NFLD 97.7 MHz 73 watts english lang. first FM for NFLD
ST ANTHONY, NFLD 97.9 MHz 126 watts " " "
CHURCHILL FALLS, ONT 97.9 MHz 8.22 watts " " "

Applications for move to 1805 ft ON TOWER, Toronto:

OHUM-FM 104.5 MHz	Pres: 100 kw h/v EHAAT 289	Proprs: 38 kw h/v EHAAT 1380
OBL-FM 94.1 MHz	55.7 h/v 389	38 h/v 1380
CKFM-FM 99.9 MHz	100 circ 954	40 h/v 1380
CHFI-FM 98.1 MHz	210 h/v 816	44 h/v 1380
CHIN-FM 100.7 MHz	50 310	4 h/v 1380

DENIED

VANCOUVER-VICTORIA, BC ch.10 for CBC/3rd service. New appl later to be filed
TORONTO, ONT CHIN-FM 50 kw Pres: 100.7 MHz Proprs: 107.1 MHz
DAUPHIN, MAN ch.12- 25 kw dir Sat CKY- Winnipeg (CTV) by CKOS- see approved above

TIDBITS

New calls: Ch.8 Cornwall, Ont CJSS-TV now CJOH-TV-8 (Sat CJOH- Ottawa 13)
Ch.7 Winnipeg, Man CJAY-TV now CKY-TV (CTV) ~~4x~~ J. Markewicz
Ch.3 Yarmouth, NS CBHFT now CBHFT-1 (Sat CBHFT Halifax 13...R-O)
Note- Approval for GLOBAL Windsor switch from ch.26 to ch.22 despite our protests that 22 would very often be upset by CCI from South Bend. No reply was given concerning our intervention. All Global xmters will be automatic (unarmed). No info yet on call signs or IDs.

(Continued on page 16)

FCC FM NEWS

Bruce F. Elving, Editor
Box 24
Adolph MN 55701

As agreed to at the convention, this column is dropping Canadian FM news, concentrating on the U. S. ("FCC") and whatever news of interest that is available from other countries. Send any items concerning Canadian FM (or TV) to J. Joel Rosenberg and Mark L. Lewis. FM Atlas fans will have to wait until October when the next edition is ready; a switch to a Michigan printer is the main reason. Edition I is now sold out. Here's six weeks' news from the FCC and other sources:

New Construction Permits

AR Searcy 99.3 3000 153' (See Dinuba)
CA Dinuba 98.9 8800 h,v; 1004' [These two are initial decisions, subject to change]
CA Moraga *89.5 55 95'
CO Wray K244AC 96.78 [KXXX-FM Colby KS - 100.3] 10
FL Key West 95.5 10000 h,v; 255'
FL Goulds 98.3 3000 h,v; 300'
[Reversal of initial decision favoring Leisure City FL]
GA Ellijay W285AB 104.9 [WPPL-103.9 Blue Ridge GA] 10 / 10 | 10
ID Ketchum K288A1 105.58 [KFMA 92.7 Jerome IL Rockford WJQJ 100.9 3000 h,v; 300' [Updating July's partial information]
IA Cedar Rapids 102.9 100000 h,v; 667'
ME Waterville *91.5 10
MI Ishpeming 107.1 630 h,v; 630'
MI Orchard Lake *89.3 10
MI Tawas City 101.7 3000 h,v; 275'
MI Three Rivers 95.9 3000 h,v; 290'
MN Albert Lea 95.3 3000 h,v; 300'
MN Redwood Falls 97.7 3000 h,v; 300'
MS Clarksdale 101.7 3000 h,v; 193'
MT Roundup K296AD 107.18 [KURL-FM-97.1 Billings] 10
NE Columbus *91.9 10
NE O'Neill 92.7 3000 h,v; 225'
NV Winnemucca K221AG 92.18 [KSRN 104.5 Reno] 10. NY Corning *91.9 10
NY Rochester 103.9 800 536' [initial decision, subject to reversal]
NC Butes Creek *90.1 3000 105'
OR Grants Pass K265AB 100.98 [KTMT 93.7 Medford] 10. OR Portland K280AC *103.98 [KXUW *94.9 Seattle WA] 10
TX Beaumont *91.3 24000 550'
TX Coleman 107.1 3000 h,v; 195'
TX Midland 93.3 100000 h,v; 215'
UT Cedar City 94.9 25500 h,v; -160'
UT Eden K292AF 106.38 [KSL-FM 100.3 Salt Lake City] 10 (Eden is 8 mi NE of Ogden)
UT Rural Utah County K288AJ 105.58 [KSL- WA Auburn *88.9 10 / FM] 10
WA Everett K276AB 103.18 [KIRO-FM 100.7 Seattle] 10; WA Puyallup K276AC 103.18 [KIRO-FM] 10; WA Shelton K276AD 103.18 [KIRO-FM] 10 / [KIRO-FM] 10
WI Antigo 104.9 3000 h,v; 280'
WY Riverton *88.1 10
Guam, Agana 95.5 2900 h,v; 47'

Deletions

PA Media WXUR-FM *100.3 [WXUR-FM ceased VA Warrenton WXXB 94.3.]

July 5, 1973. It was "put off in connection with the Fairness Doctrine."

On the Air and DX Ready

AZ Apache Junction KSTM 107.1 3000h,v;115'
GA Atlanta WRFG *89.3 10
IL Lake Forest WMMX *88.9 10
IL Mount Carmel WVJC *89.1 10
IA Knoxville KRLS 92.1 3000 h,v; 300' g KTAV 92.1 3000 h,v; 300'
[KRLS-KTAV share time]
LA Monroe KNLU *88.7 10
MI Clare WCRM-FM 95.3 3000 160' MOR, no 8, back on the air!
MO St. Louis KLPH *89.9 10
NC Davidson WDAV *90.5 10
NY Syosset WKWZ *88.5 10 [WKWZ shares time with WPOB Plainview NY, the FCC informs me]
OH Ironton WITO 107.1 3000 125'
OR Corvallis KFXY-FM 101.5 28000 100'
SC Hilton Head Island WHHR 106.3 3000 h,v; 300'
VA Norfolk WTGM *89.5 26500 h,v; 460'
VA Roanoke WVWR *90.18 4110 -86'

Changes in Facilities

AL Birmingham WQEZ 96.5 760' (50000 h,v)
AZ Mesa KBUZ-FM 104.7 1500' (100000h,v)
AZ Phoenix KHFP-FM 101.5 100000 h,v;1740'
AR Harrison KHQZ-FM 102.9 12500 h,v; 630'
CA San Diego KXYX 96.5 1800 h,v; 1860'
CA " " KEZL102.9 1950 h,v; 1840'
[Calls changed from KPSE]
CA Santa Maria KXFM 99.1 to 1800 h,v;1900'
CA Woodland KSFM 102.5 to 500' (50000)
CT Danbury WLAD-FM 98.3 2500 h,v; 330'
CT Sarasota WKZM 105.5 180' (3000)
IL De Kalb WNIU-FM *89.5 50000; 250'
IN Auburn WIFF-FM 105.5 2850 h,v; 310'
IA Des Moines KDM1 97.3 450' (115000h,v)
MN Duluth KUMD *89.1 510 320'
MO Kansas City KLJC *88.5 10000 h,v;177'
MO St. Louis KMOX-FM 103.3 10000 h,v;920'
NJ Glassboro WGLS *89.7 250 (111')
NM Santa Fe KSNM 95.5 29500 h,v; 130'
NY Plattsburgh WEAV-FM 99.9 3900 h,v;740'
ND Bismarck KFYR-FM 92.9 45000; 1400'
OH Cincinnati WEBN 102.7 31000 h,v; 610'
OR Eugene KWAX *91.1 20000; -45' [740'
OR Portland K800 *90.7 12500 h, 1300v / PA California WVCs from *91.7 to *91.9
PA Carlisle WHYL-FM 102.3 adds v
PA Easton WQQQ 99.9 50000 h,v; 450' [520'
PA Pittsburgh WPIT-FM 101.5 19000 h,v; / TX Nashville WSIX-FM 97.9 1140' (100000h,v)
TX Nacogdoches KSFA-FM 92.1 adds v
TX Houston KTRU *91.7 340 155'
WI Longview KLVF from *90.5 to *90.3
WI Colfax WHWC *88.3 to 10000 h,v; 1050'
[Reduces coverage to protect River Falls WI *88.7 and Minneapolis MN *88.5; WI Marshfield WDLB-FM 106.5 59000h,v; 400'

Call Letters Assigned

AL Birmingham 106.9 WERC-FM (was WERQ)
AZ Kingman 92.7 KZZZ
CA Los Angeles 107.5 KEZM (KPSA)
CA Sacramento 96.9 KEZS (KPSC)
CA San Jose 106.5 KEZR (was KPSJ or KFLP)
CA Santa Cruz *88.1 KZSC
CO Canon City 103.9 KSTX
CO Grand Junction 93.1 KQIX
CT Bridgeport 99.9 WEZN (WPSB)
FL Cocoa Beach 104.1 WKRT-FM (was WKPE-FM; returns to former call letters)
FL Fort Lauderdale 100.7 WLQY (WHLJR) 106.7 WGLQ (WFTL-FM)
FL Orlando 105.1 WFLW-FM (WFGS)
IN Rensselaer 97.7 WJCK
IA Centerville 98.7 KCOG-FM
KS Mc Pherson 96.7 KNEK-FM
KY Georgetown 107.1 WAXU-FM (WGHQ)
KY Versailles 100.9 WJMM (WWLV)
LA Grambling *91.3 KGRM (KGRS)
MD Prince Frederick 92.7 WMJS (WESM)
MD Worton *90.5 WKHS (WQHV)
MA Medford 107.9 WELL-FM (WELL)
MI Muskegon Heights 101.7 WKJR-FM (WO1H)
MI Saginaw 98.1 WKCO (WSAM-FM) \$ soon?
MS Clinton 93.5 WHJT
MS Mc Comb 105.7 WTBI
MO Columbia *88.3 KCOU
MO Rolla *89.7 KMNR
NY Canandaigua 102.3 WGRF-FM
OH Akron 90.5 WAEZ (WAKR-FM)
OR Bend 107.7 KICE (KQHV)
OR La Grande *91.9 KEOL (KQIR)
OR Portland 98.5 KUPL (KPON-FM; format from rock to middle of the road [MOR])
SC Myrtle Beach 101.7 WKZQ (WTGR-FM)
SC Sumter *88.1 WMPR
SD Sioux Falls 97.3 KPAT (KSOC-FM)
TN Chattanooga 106.5 WYMQ (WL0M)
TN Olivehill *89.1 WDNX (WQHT)
TX Austin 93.7 KLBJ-FM (KTBC-FM) What else?
TX Waco 99.9 KHOO (WACO-FM)
UT St. George *90.1 KRDC-FM
VT Colchester *88.7 WVPV-FM
VA Petersburg 99.3 WNPZ (WSSV-FM)
WV Beckley *91.7 WVPB
WI Hartford 104.9 WTKM-FM
WI Merrill 93.5 WJMT-FM (WXMZ-FM)
WI Wausau 101.9 WDEZ (WRIG-FM; format changes from rock to MOR music)

As you can see from the above, several stations are switching away from "Q" call letters. A trend among MOR stations is to use call letters with "EZ" [WDEZ, WAEZ, KEZM, et. al.].

FM TRANSLATOR MEET HELD IN UTAH (from Broadcast Engineering, July 1973) Bonneville International [KSL-FM 100.3 Salt Lake City UT] has extensive experience in applying for some 20 FM translators. Bill Loveless, assistant director of engineering, stated "the need to select sites that were outside other FM stations' 1.0 mv/m plus watching plus or minus 3 channels" before applying. Ed Craney talked on how to make FM translators profitable. "The fact that KSL showed their translator film to the FCC has been one factor in getting the FCC to increase the length of local announcements from 20 to 30 seconds. He further pointed out a weakness of the FCC rules in restricting FM translators to just the 20 class A channels. The rules should be changed to permit all channels to be available. For example, in Japan, a country the size of Montana, there are 3000 translators. Yet in the United States we have the same number of stations in the whole country. In fact, by proper use of spectrum . . . we could accommodate 100,000 translators." If the 100,000 mark in FM translators is achieved, it will make my prediction of 30,000 FM translators in the United States given in the February, 1972 VUD conservative indeed!

After many letters, I finally got some questions answered from the FCC in Washington: KOHL *89.3 Fremont CA is 10 watts. Sunnyside WA 96.7 grant is still pending. Deleted are KBGH-FM 103.7 Memphis TX (8-1-68), KUDY-FM 98.9 Spokane WA (10-23-69), and KINI 98.3 Indio CA (12-1-69). FCC claims KIBS-FM 100.7 Bishop CA is not deleted, so I wrote KIBS, and received an answer that station KIBS-FM is deleted and the FCC was informed of this fact long ago! FCC says KVSC St. Cloud did not delete; and they apparently still hold their construction permit to change to *88.9 and increase power.

Some newly-discovered stereo stations: WLHN 97.9 Anderson IN with MOR 24 hours a day, expected on the air as of Aug. 1. Plus the following list supplied by Toledo's Frank Merrill: WOGM 98.3 Bellefontaine OH, WUFN 96.7 Albion MI, WCRF 103.3 Cleveland; WFRQ-FM 99.1 Fremont, WPOS 102.3 Holland, WGTN 97.7 Lima, WXEZ 105.5 Sylvania, and WOXR 97.7 Oxford [which is also adding some classical along with its usual rock, according to Billboard]. To add \$ when its move to a higher power and tower is complete: WKHE 92.5 Toledo. WEKU*88.9 Richmond KY, KBIA *91.3 Columbia MO both \$; David L. Walcutt, Carbondale IL.

Getting back to translators, two of the principal trade groups in commercial broadcasting, the NAB and NAFMB, are filing with the FCC comments asking that FM translators be kept out of areas already served by commercial FM stations. "Use of translators to provide signals in remote areas is proper and should be encouraged, NAFMB believes. But not when operated by private groups in places now served by an FM station." What do you think? Send your comments to the FCC, Washington DC 20036.

WQXO 98.3 Munising MI should be on the air this fall, MOR and monaural; while WJPD-FM 92.3 Ishpeming MI will have \$ and MOR -- and they, too, are planning a fall target date. WJMS-FM 99.7 Ironwood MI continues to stall on construction.

Now, to dig into member's reports and comments -- this month taking them in the order from the most recent ones first. They get progressively more stale toward the end of the column. . .

KNCT-FM 91.3 Killen TX has come back on the air, says Jess E. Paulsen, Ft. Hood TX, but whether they returned with \$ or not is not indicated. KIXS-FM 93.3 Killen changed ownership and may go \$.

A New Jersey reader says WFMU *91.1 East Orange is now \$, WFVW 106.3 Blairstown NJ was to have gone on the air Aug. 6 with a blend of oldies from the 1950's through early '60's, will operate "round-the-clock," and serve a "6000-square-mile area, including the Pconno Mountain resort towns."

Fred McCormack, Des Lacs ND, writes in to note that KCGM 95.7 Scobey MT is back on the air in \$, after being off the air for a long time because of fire damage; and KBHP 101.1 in Bemidji MN is now \$ at times.

Pat Dyer, San Antonio TX says he recalls "in 1962 I used to gripe because we had only 3 local FM's here (KONO-, KISS, KEEZ). With the 1949 vintage Stewart-Warner I could only grab Houston trop. Big growth came in 1966-69, by which time there were ten." Pat adds: "Local KBER-FM 100.3 sounds less like country these days [a long way from KBUC- 'fornt]."

Bob Mallory, Blissfield MI, sends a newspaper picture and clipping showing construction work well underway at the 500-foot tower for WMHE 92.5 Toledo OH (50000 h, v; 480'; soon \$). "Looks like this might be a good DX target," says Bob, who says he enjoys reading this column, even though not an FM DXer.

W. R. Hale, Shalimar FL, notes that WPFM 107.9 Panama City FL, stereo, is now "Beautiful Island" automated, changing from progressive rock."

Dr. Richard Wood, Baton Rouge LA, had word from WPSB [now WEZN] 99.9 Bridgeport CT that they are no longer directional, and do not have to protect WEEX-FM [now WQQQ] Erie PA. "I

would like to see a complete list of all directional FM stations, with indication of directionality or stations protected." I know of only a few, Richard, including WKZN 96.9 Zion IL, K101 101.3 San Francisco, and the directionality is not as severe as in AM, with the nulled direction suppressed; I believe, by no more than 20%. Some stations are inadvertently directionalized to some extent by virtue of their antennas being side mounted on supporting structures. An article Richard sent concerned the "talking back for the blind blind" service conducted on a side-band of WRRY 101.1 East St. Louis IL. "Ann Manhart, a resident of an Edwardsville, Ill., nursing home, said she listens to WRRY's The Talking Book 'every chance I get. . . I can't see to read the newspaper and that radio sure keeps me up on things,' she said. Mrs. Manhart will be 99 in October."

David Walcutt, Carbondale IL, has heard WJMM 100.9 Versailles KY with its new call letters and gospel (Tower of Faith Radio Network) programming, 3000 h, v; 300' no \$.

An Atlanta GA Atlas reader notes that WPLO-FM 103.3 there is now \$, and WRFQ *89.3 is also on: "signal very weak (it's 10 watts) and not stereo." WCLK *91.9 Atlanta expected on Sept. 1, with 340; 54'. He sent along a WRFQ newspaper insert asking for public donations to help the 10-watter with its monthly expenses of \$3,610 [which seems tremendously high for a ten-watter]. The station operated 6 a. m. to after midnight in July, sometimes signing off from 9 a. m. to 2 p. m. Another reader, in northern IL, claims that WYFE-FM 95.3, supplanting WRV1, no longer identifies as Winnebago, but as a Rockford IL station. Members in the Rockford area should listen to this station on the hour to see if "Winnebago" is mentioned in the official station identification announcement.

Frank Aden heard the new Bend OR station on 100.7 with its newly-received call letters KICE. Before that, they were heard testing using the KQHV call letters in Morse Code, with extremely bad sidebands. Stereo, format?

Bruce Rummel, Mertztown PA, found out that I list two stations with the call letters WBHS. The real WBHS seems to be the one in Brunswick ME, while the "imposter" was in Warwick RI. It seems we can count as DELETED WBHS '90.5 Warwick RI. Bruce says WNSP 94.9 Harrisburg PA "began broadcasting 26 June 1973 from its 50000 watt 204' AAT facilities .7 mi NW Wcmleysburg PA directly across the Susquehanna River from center-city Harrisburg. They are stereo now, with classics and some jazz. WQQQ 99.9 Easton PA is now \$, easy-listening. KAFA 89.7 Colorado Springs CO is 10 watts, Billboard Top 100 and on Mon. - Thu. 1600-2245; Fri. 1600-2330; Sat. 1200-0130; Sun. 1000-2245 local time. AFR-FM \$ 101.1 with 225 watts is on Shemya Island AK, the most easterly Semichi Island in the Aleutians, 174°04'58" E by 52°42'15" N. "WHUR 96.3 Washington DC is now operating in \$." "The Wisconsin state system is trying to establish a low-power station on 91.5 at Green Bay, but applications are continually being rejected by the FCC." [Bruce, this may have to do with a petition filed by WRJC (AM) Mauston requesting that WHRM Wausau WI move from 91.9 to 91.5, so that Mauston could be assigned 92.1. WHRM on 91.5 would be short-spaced to Green Bay.]

From Muscatine IA, Dave Bright writes in to say that KIMI 95.3 Keokuk is MOR and \$, while local KFMI is not \$. The new KXGI-FM 101.7 Fort Madison IA simulcasts MOR music, etc. with its AM station. Dave wonders why he has not heard WGLC 100.1 Mendota IL. WGLC supposedly moved to its present frequency from 100.9 to allow for the assignment of WGSY Peru to 100.9. Finally, Dave expects the new KRLS 92.1 Pella to carry the hodge-podge of programs that KNIA (AM) Knoxville IA has while it is on the air. KRLS shares time with KTAV [flip back two pages and see "On the Air and DX Ready"].

An earlier letter from Bruce Rummel said that WFRP-FM 107.1 Hammond LA has not deleted; KVFM 94.3 San Fernando CA is now -49' with v (3000); WPCB 94.9 Decatur GA is now licensed Atlanta; Dayton OH [WVUD] 99.9 should be listed to Kettering, a Dayton suburb. Newly-discovered stations with v polarization: KNGT 94.3 Jackson CA; WRIF 101.1 Detroit; KHHW-FM 93.5 Altus OK; WQMR 98.3 New Brunswick NJ; KDBM-FM 98.3 Dillon MT; WCEA 95.9 Bonita Springs [not Immokalee] FL. WEQR 96.9 Goldsboro NC now has both \$ and v, playing MOR.

Syracuse's Allen Rockford sent a copy of the official request for new call letters filed by WQSC-FM 104.7 Fulton NY. They request WKFM. "Alternate code call signs, in a descending [sic] order of preference are: WTRM, WCRG, WOFL. . . Also attached is a check in the amount of \$100.00 to cover the filing fee. And Allen thanks the powers that be who put the WQSC coverage map on the June VUD front cover.

Ken Simon, West Palm Beach FL sent a clipping concerning the format change of WQXX 92.1 Hialeah FL to modern country music. Station general manager Bill Cook is quoted as saying: "We have spent better than two solid months working on our new format. . . WQXX"-FM" will have local personalities at the mike around the clock." WQXX is \$; quote marks are mine.

Another correspondent who asked not to be named said "there's an extra-legal \$ FM in New Jersey covering a NYC super highway with advertising-supported programming. It uses a very directional array to cover the highway. Power output is about 25 watts." [DXers in the NYC area should try to check this out; particularly trying in the educational band or around 108 mhz where pirates like to hang out. If heard a station like this would be easy to trace down -- especially with a directional transmitting antenna. Hard to believe it's ad-supported and has not been discovered.]

Bill Frahm, Boise ID, corrects an item in the June VUD: "On page 11 it was stated that KBOI-FM [97.9 Boise] was going to increase power to 46700 h.v. The true power is 45000 h.v. In the July '73 VUD on page 9 the item about KBXL 94.1 [Caldwell ID] said they were going stereo. They always have been stereo except for about a month due to transmitter problems. . . . KFXD (AM) Nampa has finally gone ahead with their plans for FM. . . . KFFM 107.3 Yakima WA is now automated rock and sounds much like KHQ-FM 98.1 Spokane WA. KMFE 101.7 Emmett ID has dropped most of their country. Now mostly MOR. On Sundays, KMFE runs from 6 a.m. to 1 p.m. No afternoon programs. KCRH *91.5 Nampa ID is off for the summer. They will return around the first of September. I just heard KUPL 98.5 Portland OR (was KPQK-FM) with easy listening music instead of rock. . . . this must have been the big change in Portland FM that Frank Aden was talking about."

Russ Brown, St. Joseph MI, notes that with its new 530', 100000 h.v power, WMP5-FM 97.1 Memphis makes it quite often, but, of course, not as well as WMC-FM 99.7 with 300,000. WMP5-FM continues its classical format. "I heard KBEY 104.3 Kansas City on top at home and they were calling themselves 'the new super Q' (who isn't these days?), but still with KBEY calls so I assume a new set of calls is forthcoming. WGLB-FM 100.1 Port Washington WI seems to be completely changing format from country. Now they're on after midnight with progressive music of sorts and a heavy ethnic load on weekends. WQFM 93.3 Milwaukee is disgusting 'Sunshine 93'; they do have ID's around the hour again."

A lot of California FM news is conveyed by Dennis Smith, Wasco: "KMJ-FM 97.9 Fresno, in their sign-on, still notes ERP of 7300 watts. KUIG 95.3 Vacaville finally came on the air with \$, MOR, rock. KBBF *89.1 Santa Rosa is on, with a 'bilingual format'; their ownership is the 'bilingual broadcasting company'. Their transmitter is on Mt. St. Helena. . . . Because of the high AAT [2770'], KBBF's ERP is limited [420 watts], though their sign-off (heard at Walnut Creek loud and clear) noted 'transmitter output of 1000 watts.' [The transmitter output is split both vertically and horizontally into the antenna, so the ERP sounds about right -- especially with a low-gain transmitting antenna.] Dennis also notes KLBS-FM 95.9 Los Banos as \$ rock and XHRM 99.3 Tijuana as MOR: variety, upbeat, "Radio Moderna."

A visit with Jim Hughes at WCEM-FM Mt. Pleasant MI confirmed that WCEM-FM is now country until 2 p.m. then rock; \$, live announcing. Their signal does not get out as far as previously; not copied at the 60 mile contour they are supposed to serve; management unconcerned. Antenna corrosion? After noting an item about WCMU *90.1 Mt. Pleasant MI having its permit for 100000 h.v.; 420' set aside because of interference complaints filed by Lansing MI ch. 6 TV, I called WCMU's chief engineer who said they are operating legally, and do not expect any troubles, but are running modulation on the low side "just in case." I suggested that it was too low as of late, and he said he'd check to see if its average level could be safely increased. WIAA *88.3 Interlochen, pressed for funds, may have to cease broadcasting unless the public comes through and supplies \$25000. From the Traverse City Record-Eagle, July 11: "WIAA recently expanded its air time to build a larger and more appreciative listening audience. . . . Contributions, which are tax deductible, can be mailed to WIAA, National Music Camp, Interlochen."

Another commercial classical music station changes format. WLOL-FM 99.5 Minneapolis recently became just another of the Twin Cities schmalzy MOR formats ["your music box"]. Equally sickening, KSJN *91.1 announcing this change with long "commercials" to contribute or else they may go off. WCAL-FM *89.3 Northfield, similarly programmed, is free of such garbage.

CUBAN TV

DICK CLARK notes Pulice's "Tele-Rebelde" operating in Oriente only with panel shows and educational films from fraternal socialist countries; sign off 2200 (EDT)-- plus a mid-Cuba channel 3 we have seen. In putting together his latest Cuban TV list, some offsets are noted, but may vary; networks may double up in towns of one channel or alternate.

Net 2 = Televisión Nacional (ICR) Canal 2
Net R = Tele-Rebelde

Net 6 = Televisión Nacional (ICR) Canal 6
AFCN = American Forces Caribbean Network

Ch	Off	Net	City							
2	+	2	La Habana	5	R	Santiago de Cuba	8	Ø	6	Holguín
		2	Ciego de Ávila	6	Ø	La Habana	6			AFCN Guantánamo Bay
		6	Santiago de Cuba	7		Camagüey	9	Ø	6	Matanzas
3	-	6	Santa Clara			Pinar del Río (not on?)	11	-	2,6	Cárdenas
		R	Holguín			Ciego de Ávila	12	-	6	Pinar del Río
4		2	Camagüey	8		Baracoa	13	Ø	2	Matanzas
						Santa Clara			6	Guantánamo

NORTH OF THE BORDER: FOR NEWS IN CANADIAN BROADCASTING SEPT '73

TIDBITS (Continued from page 12)

- ### Recently, many provinces have been trying to take some control of communications away from the federal gov't, esp. in regards to CATV & ETV. At the end of July, the Quebec P.M. announced approval of 2 (megawatt plus) educational stns. for Radio-Quebec in Montreal (ch.17) & Quebec (ch.15-). Applications must still be filed & approved w/CRTC. Target sometime in 74.
- ### A few local CDN networks: Atlantic TV System (ATV)- CJCJH-5, CJCJB-4, CKCW-2, CKLT-9 i.e. all Maritime (no NFLD) QTV affiliates
Mid-Canada TV Sys.-CJCL6, CHNB4, CKMO9 i.e. N. Ont. CBC affiliates
TVA (french independ. nets)- CFPM-10 CJPM-6 CFPM-4
- ### Hepe that solves some of this year's E-skip mysteries!
- ### In July, CBXFT shall Edmonton was to become full time R*O stn. Fate of ETV unknown.
- ### On his way home to MINN from WTFDA conv'n in Dunkirk, Bruce Elving visited CJIC-FM 100.5 Sault Ste Marie. Programming varies slightly from CY-MOR with 1 hr CL "using records borrowed from the local public library" each eve & plenty of talks. He was told by stn. GM that there are big plans for future expansion including relocation of studios & mtrs to higher ground at the edge of town. Bruce also observed that \$ lite goes off for none CBC prgms & even during 5 min. nx-casts. ...Thx Bruce.
- ### Get your copy of the "CDN. GUIDE" ..\$2.10 (1st cl. paid)-has 5 diff. lists.

Please send all information, comments, and criticisms regarding this column directly to DOWNSVIEW, not to HQ (that only slows things & it may never get here). Thank you. We NEED to publish your Canadian TV-FM station newbits... share them with fellow DXers

Good DXing this fall. 73's in 73, M & J

From the SHORT WAVE NEWS SERVICE comes the following item about a so-called "joint program of long range radio propagation research", between the US and British military. Let us know if you'd like to see more of this type material.

MYSTERY OF THE ORFORDNESS MONSTER

SWNS British Correspondent, Desmond J. Colling, reports the big news which broke June 29 was the closing (on very short notice) of RAF Orfordness. The ministry announced that the 40 million pound OTH radar installation (previously reported as scanning from 40 down thru 6 MHz) would close June 30, and that American technicians would dismantle all secret equipment for return to the US. They said, the joint program of long range radio propagation research "has been completed". They further stated that new studies in the US have indicated that alternate lines of investigation are more effective. "All activities associated will be phased out as soon as possible". The 700 acre site's future is said to be under urgent consideration, and the Ministry will not comment on suggestions that Russian "trawlers" had effectively jammed parts of the delicate equipment from poitions offshore. The head of the technicians union said that 300 people would be out of work. A US Defense Dept. spokesman stated, "We have been thinking about closing Orfordness for some time. The thing wasn't just that hotsey-totsey. It wasn't that much use." But what is the real truth? Does it not work? Are the trawlers jamming? Are there more effective warning systems? Why such a sudden announcement and then just 24 hours later???

SEPTEMBER 1973

Deadlines:

12 September (6S 89)

11 October (7T FMSB)

12 November (8T TVSB)

STATISTICS

CHANNEL 5 SKIP TVDX RECORDS

Editor:

Glenn Hauser

K O S U - F M

Okla. State Univ.

Stillwater OK 74074

Call	Location	Miles	Dxer, Location	Logos
WKRC-	Mobile AL	1530	David Swanson, Margarita CZ	
KPHO-	Phoenix AZ	2235	Clarence Day, Westerly RI	
KFSA-	Fort Smith AR	1390	Dennis Smith, Wasco CA	
KTLA	Los Angeles CA	1945	Harold Cooper, Westland MI	
KPIX	San Francisco CA	2405	Don Ruland, Holly Hill FL	
KREX-	Grand Junction CO	1525	Norm Erint, Kenmore NY	
			David Nieman, Buffalo NY	
			David Nieman, Buffalo NY	
			Norm Erint, Kenmore NY	
KCSJ-	Pueblo CO	1370	David Nieman, Buffalo NY	
			Norm Erint, Kenmore NY	
			Fred McCormack, Des Lacs ND	
WTTG	Washington DC	1380	Stu Grade, Sioux City IA	
WUFT	Gainesville FL	1175	Stu Grade, Sioux City IA	
WFTV	Palm Beach FL	1350	Marv Garber, Lincoln NE	
WAGA-	Atlanta GA	1850	Morris Foote, Middleton ID	
WNAQ-	Chicago IL	1215	Fred Nordquist, W.S.M.R. NM	
WOI-	Ames IA	1465	Doris Johnson, Longview WA	
WOC-	Davenport IA	900	Maurice Dubreuil, Lavaltrie PQ	
WAVE-	Louisville KY	1160	William Bashta, Albuquerque NM	
KALB-	Alexandria LA	1800	Ron Boyd, Truro NS	
WABI-	Bangor ME	1260	Don Ruland, Holly Hill FL	
WHDH-	Boston MA	1400	Edwin Shorey, Derby KS	
WCVB	Boston MA	1010	Dave Bright, Muscatine IA	
WNEM-	Bay City MI	1915	Robert Cooper, Fresno CA	
KSTP-	Saint Paul MN	1280	Ron Hilding, Phoenix AZ	
KCMO-	Kansas City MO	1505	Doris Johnson, Longview WA	
KSD-	Saint Louis MO	1400	Morris Foote, Middleton ID	
KXGN-	Glendive MT	1165	Jim Pizzi, Orcutt CA	
KPFB-	Great Falls MT	1630	Robert Seybold, Dunkirk NY	
KHAS-	Hastings NE	1280	Doris Johnson, Longview WA	
KVVU-	Henderson NV	1925	Robert Seybold, Dunkirk NY	
KNME-	Albuquerque NM	1300	Frank Merrill, Milan MI	
WNEW-	New York NY	1445	Fred McCormack, Des Lacs ND	
WPTZ	Plattsburgh NY	1375	Glenn Hauser, Enid OK	
WROC-	Rochester NY	1165	Glenn Hauser, Enid OK	
WHEN-	Syracuse NY	1355	Glen Neal, Sayre OK	
WRAL-	Raleigh NC	1460	Fred McCormack, Des Lacs ND	
KFYR-	Bismarck ND	1300	Jim Pizzi, Orcutt CA	
WLWT	Cincinnati OH	1250	Jim Dillon, Regina Sask	
WEWS	Cleveland OH	2050	Robert Cooper, Fresno CA	
KGBO	Enid OK	1340	Ray O'Rear, Zillah WA	
KOCO-	Oklahoma City OK	1480	Doris Johnson, Longview WA	
KOBI-	Medford OR	1325	Glen Neal, Sayre OK	
WCSC-	Charleston SC	1260	Larry Godwin, Amarillo TX	
KDSJ-	Lead SD	1245	Jeff Hodge, Williamsville NY	
KORN-	Mitchell SD	1325	Ghislain Girard, Arvida PQ	
WMCT	Memphis TN	1285	Jim Dillon, Regina Sask	
WLAC-	Nashville TN	1160	Ghislain Girard, Arvida PQ	
WBAP-	Fort Worth TX	1350	Jim Pizzi, Santa Maria CA	
KTXT-	Lubbock TX	1395	Bob Astmann, Kenmore NY	
KENS-	San Antonio TX	1765	Doris Johnson, Longview WA	
KRGV-	Wealaco TX	1600	Morris Foote, Middleton ID	
KSL-	Salt Lake City UT	1260	Bill Draeb, Kewaunee WI	
WCYB-	Bristol VA (TN)	1275	Fred McCormack, Des Lacs ND	
KING-	Seattle WA	2105	Robert Seybold, Dunkirk NY	
WSAZ-	Charleston WV	685	Maurice Dubreuil, Lavaltrie PQ	
WDTV	Weston WV	1225	Fred McCormack, Des Lacs ND	
WFRV-	Green Bay WI	1285	Fred Nordquist, W.S.M.R. NM	
KFBC-	Cheyenne WY	1550	Bob Berg, Norfolk VA	
"CBXT"	Edmonton Alta	1355	Ferdinand Dombrowski, Okauchee WI	
CKX-	Brandon Man	1670	Ross Harvey, Goose Bay Labrador	

This is the place to be...



KALB-TV5 Alexandria Louisiana

kcmotv5 Most turned on station in town



KSTP-TV 6

KVVU/5



KOCO-TV

WCSC-TV*5



KSL-TV

KENS-TV



KYCU-TV

Cheyenne **Ch 5**

STATISTICS

"CBYT" Corner Brook Nfld	1130	Robert Seybold, Dunkirk NY
"CBWT3" Marystown Nfld	1450	Frank Merrill, Milan MI
CJGH- Halifax NS	1240	Ferdinand Dombrowski, Okauchee WI
"CBIT" Sydney NS	1290	Bill Draeb, Kewaunee WI
"CBWCT" Fort Frances Ont	1140	Glenn Hauser, Albuquerque NM
CKSO- Sudbury Ont	1235	Glen Neal, Sayre OK
CHAU- Carleton PQ	1130	Ferdinand Dombrowski, Okauchee
CKMI- Québec PQ	1075	John Owen Broomall, Augusta GA
CKBI- Prince Albert Sask	1430	Norm Erint, Kenmore NY
		tie Robert Seybold, Dunkirk NY
CJFB- Swift Current Sask	1455	Robert Seybold, Dunkirk NY
XHAC- Tuxtla Gutiérrez Chis	1110	Karl Alken, Kingston Jamaica
XHAQ- Mexicali BC	1305	Fred McCormack, Des Lacs ND
XEJ- Ciudad Juárez Chih	1255	Ferdinand Dombrowski, Okauchee WI
XHFI- Chihuahua Chih	1100	David Cox, Carrollton AL
XHGC- México DF	1720	Robert Cooper, Fresno CA
LRL Buenos Aires Argentina	5290	Bedford Brown, Hot Springs AR
	5015	Bedford Brown, Hot Springs AR
CMHQ- Santa Clara Cuba	1480	Stan Penc, Utica NY
CMLB- Santiago de Cuba	1460	Steve Weinstein, Pittsburgh PA
HRTG- Tegucigalpa Honduras	1160	Richard Wood, Baton Rouge LA
WORA- Mayagüez PR	3650	Doris Johnson, Longview WA
YVKA- Caracas Venezuela	3785	Robert Cooper, Fresno CA



con proyección nacional

T V SCOREBOARD

<u>DXer, Location</u>	<u>Stns</u>	<u>UHF</u>	<u>Trl</u>	<u>Es</u>	<u>MS</u>	<u>USA+Can</u>	<u>Mex†</u>	<u>For</u>	<u>Sat</u>	<u>YB</u>	<u>As of:</u>
*Robert Seybold, Dunkirk NY	596	206	17	154	28	49+	8	3	3	64	50 8 Apr
*Glen Neal, Sayre OK	415	112	66	186	21	40+	4	11	0	56	66 14 Mar
Glenn Hauser, Von Oray area TX	317	82	19	117	3	38	2	11	4	55	71 15 Aug
Pat Dyer, San Antonio TX	211	25	0	103	7	37	2	7	4	50	59 7 Aug
Bill Draeb, Kewaunee WI	524	196	23	145	13	41+	6	1	0	49	53 2 Aug
*Fred McCormack, Des Lacs ND	286	33	18	167	33	40+	6	2	0	49	64 10 May
*Ron LeBlanc, Marrero LA	281	65	77	6	32	3	8	6	4	49	67 4 Mar
Ken Simon, West Palm Beach FL	138	15	3	86	0	30+	4	5	8	48	69 1 Aug
Les Prus, Manhattan KS	239	13	2	139	20	37	5	5	0	47	69 16 Jul
Marvin Shults, Toulon IL	264	108	12	80	1	34	6	2	1	43	65 10 Aug
John Parillo, Girard OH	325	73	0	115	1	35+	5	0	1	42	51 3 Jul
Dave Egan, Valleyfield PQ	187	18	77	15	33+	5	0	1	40	67	1 Aug
Don Ruland, Kenosha WI	308	125	2	52	21	34	5	0	0	39	71 7 Aug
*Ron Hade, Rockford IL	157	47	24	12	28	3	1	0	32	70	22 Mar
*Dennis Smith, Wasco CA	148	27	89	0	25	3	4	0	32	54	3 Mar
Richard N. Allen, Billings OK	68	5	1	33	0	23	4	3	0	30	73 6 Aug
Fred Nordquist, North Syracuse NY	118	21	0	36	2	24	2	0	1	27	69 7 Jun
Peter C. Gennuso, Dunkirk NY	96	20	0	23	0	20	3	0	0	23	73 14 Jul
(no name given), USPS NY 137	76	20	4	25	1	22	1	0	0	23	72 7 Aug
Peter Sawatzky, Waterloo Ont	90	30	0	24	0	20	2	0	0	22	71 17 Jun
Glenn Hauser, Stillwater OK	54	6	1	19	1	14	2	4	0	20	73 15 Aug
Morris Sorensen, Emsdale & Bala Ont	59	0	0	30	0	16	1	0	0	17	66 24 Jul
Richard Wood, Baton Rouge LA	50	9	0	10	0	11	0	0	4	15	73 6 Aug
Ken Simon, Miami FL	40	5	0	17	0	10	1	0	3	14	66 1 Jun
*Paul Maritato, Elizabeth NJ	33	15	1	0	0	10+	0	0	0	11	71 23 Mar
Walt W. Windish, Woodcliff Lake NJ	32	32	0	0	0	7	0	0	0	7	72 29 May
*Dennis Smith, Santa Bárbara CA	35	12	8	0	0	4	0	2	0	6	51 3 Mar
Ken Simon, Gainesville FL	22	0	0	0	0	4	0	0	0	4	66 1 Jun
Gary Olson, Deerfield area IL	363										27 Jul
*Frank Wheeler, Erie PA	243	43	108			32+	9			55	1 Mar
*Rod Luoma, Livonia MI	234	111									10 May
Anthony Markewicz, Winnipeg Man	113	0	0	74	0	6	0	0	0	72	31 Dec
Anthony Markewicz, Camp Morton Man	94	0	0	82	0	6	0	0	0	72	31 Dec
Ken Simon, West Palm Beach FL (QSL)	100	11	0	67	1	29+	3	3	5	41	69 1 Aug
Dave Egan, Valleyfield PQ (QSL)	165	13	68	14	32+	5	0	0	38	67	1 Aug
Ken Simon, Miami FL (QSL)	21	0	0	16	0	10	1	0	2	13	66 1 Jun
Ken Simon, Gainesville FL (QSL)	7	0	0	0	0	3	0	0	0	3	66 1 Jun

Welcome to new participants, and thanks to the regulars! Updates before each quarterly deadline will keep the asterisks off your name, but two reports a year will get you listed twice by station total and twice by saturation. Without submitting your state, province, estado and other country totals you can't take your rightful saturation spot...73, Glenn.

• S O U T H E R N • F M D X •

Editor: Richard E. Wood
820 Arlington Ave.
Tel. [504] 343-7771
Deadline: 13th.

FEATURING FM DX FROM LOUISIANA TO MARYLAND

Bill Feidt, 8708 Contee Rd., Apt. 14, Laurel MD 20810

with the exception of 7/11, I've noted very little sporadic E as high as FM during July. Did have a day or two of fairly good Tr, though, even a little MS.

- 6/29: Es 1645 WHLA 90.3 Holmen WI (816) gd level, end day's Watergate coverage, Wisconsin Educ. Net, and local ID.
- 7/11: Es 1840 KFIL 103.1 Preston MN (850) gd, local ads, wx, ID, into C&w
1845 WSTK 105.5 Woodstock IL (644) fair, spots wdstk, Crystal Lake, RR
1855 KNXR 97.5 Rochester MN (880) vy strong, EL, ID, into ABC nx
1905 KAYL 101.5 Storm Lake IA (966) gd, nx, wx, ID
1918 KCKN 94.1 Kansas City KS (947) only briefly, clear call ID
1930 KCUR 89.3 Kansas City MO (938) vy strong, NPR nx, ID, prog previews; has CL guitar background to ID.
- 7/14: Tr 0620 WAFL 97.7 Milford DE (76) fairly new stn often noted on early morning tropo ducting; uses "waffle" slogan. Format C&w.
0633 WVCD 97.9 Hazleton PA (133) ID into EL before WBAL s/on.
- 7/16: Gw 1800 WTGM 89.5 Norfolk VA (150) now on RS; format seems almost all CL; vy consistent here & stronger than closer WITF; water path.
- 7/22: Es made it as high as 89.7 vy briefly during AM; did manage a tape on WMCU 89.7 Miami FL, but they were previously hrd.
- 7/28: Tr 0715 WMBV 97.3 Millville NJ (100) fair, nx, wx, sports, SID
- 7/29: Tr 0830 WRAL 101.5 Raleigh NC (255) q.gd., steady, MoR, ID, TC after cuts. Also noted many MS bursts this AM; may have had WPBC 101.3 on MS, but just not good enough to be sure. Hope to try again during Parseids, 8/12. WJASK's "Dial-a-Prop" svce sometimes gives info on unusual VHF cx such as MS. Tele is AC 516-883-6223. This is mostly designed for ham radio, though.
- 7/30: Tr 0430 WHOM 92.3 New York NY (188) SS pgm; EE ID on half-hr.

All times mentioned above are EST & that's it for this month. 73. (Thanks for becoming a regular, Bill. REW)

Hank Holbrook, 7211 Chestnut St., Chevy Chase MD 20015 EDT.

DX-ing from our cottage at Fair Haven MD overlooking Herring & Chesapeake Bays.

July turned out to be another lousy month here. Unfortunately we can only get down to the cottage a few hrs a week and when I'm there nothing seems to be parking!! Ahhh but maybe August will be better as we will be spending much of our 3-wk. vacation at the bay. (Yes, it began somewhat better, REW)

- 98.7 WXLD New York NY (220) 7/14 0718-0740 RR, wx, PSA's, few ads; ex-WOR
90.7 WCLH Wilkes-Barre PA (180) 7/15 0240-0307 s/off. wk to fairly gd., RR.
"Voice of Wilkes College".
89.5 WTGM Norfolk VA (140) 26.5 kw 7/20 2040-2200. CL. In & out. Much QRM
WITF off back end of antenna. Vy friendly ltr QSL.

Got a call from the News Director at WXLD last evening & he asked me questions abt FM which we taped for a newscast this eve (Sat. 7/28). Unfortunately I'm not at the Bay this weekend so I won't be able to hear myself - hi! Veries have inched up to 649. (You guys out there in the West with the long hours of skip openings don't realize just how lucky you are!!). 73.

Lowell E. McCown, Box 416, Martin KY 41649 (K4ITF)

In reading the July VUD I noticed that there were several openings to the SW in May and June which did not materialize here. Those openings happening before 1530 EDT I would have missed since I was at work. After 1530 EDT, however, I hardly left the rx. School ended June 2 and I had nothing to do during the summer except listen for Es. Even the 9 openings were observed, this only netted 32 new stns with vy few "reheards". These were only weak openings on the most part to the SW. I would have thought something was

Lowell E. McCown (Cont.)

wrong w/ my rx but several of the stns were in the 3 kw power level & one was 700 w. The only reason I can think of that these openings to the SW were weak here is that I must have been too close to the Es cloud or there was one-way skip. The stns which were heard in the FL opening were quite strong - ditto on the AL/LA opening (reported last month). I reported then a tentative report was sent to WMEH 90.9 Bangor ME. Well, they said it wasn't them. The unknown stn mentioned wx forecast for the Pioneer Valley, then had PSA, then faded out. Could some member familiar with the New England area tell me where the Pioneer Valley is? (This sort of unid should be submitted to Bruce Rummel's excellent FM-CCI column, Lowell,REW) Strange thing happened July 25. WMEH- was in here for an hour and I got a good bit of info for a definite report.

I had begun to think the Es season was over for me at the end of June. Day after day dragged by in July and nothing was hrd. Finally on July 25 at 1500 EDT, while tuning across the normally silent portion of the band, an extremely strong sig was heard - WVNY 92.9 Burlington VT (first hrd here 12/17/72, but much weaker then.) Shortly a FF stn was hrd, then another, and another, etc. What do you do in a situation like this? I don't understand FF, but I knew they must have been in the Prov. of Quebec. It's very frustrating to have several stns, but because of the language barrier, not to be able to ID them. The opening lasted one hour, from 1500-1600 EDT and the muf was 106. Here is what I hrd (ID'ed) on July 25. Es.

1500 WVNY 92.9 Burlington VT Strong, local ads
 1527 WWSR 102.3 St. Albans VT Got ID, then they faded away (good catch,REW)
 1545 CFQR- 92.5 Montreal, P.Q. In Eng., Chevy-Olds ad

The next five I am debating to myself as to whether to count them or not since I did not get an ID from them, but I am pretty sure of the freq's.

1525 CHLT- 102.7 Sherbrooke, P.Q. FF ann. Good signal.
 1537 CKMF- 94.3 Montreal, P.Q. FF ad Chevy-Olds, 1540 "Sounds of Silence"
 1526 CHGB- 102.9 Ste.-Anne-de-la-Pocatière, P.Q. FF, lots of laughing, perhaps a comedy. (790 watts - good. REW)
 1535 CKVL- 96.9 Verdun, P.Q. FF mx, ann's.
 1530 CFGL- 105.7 Laval, P.Q. FF announcer
 1520 ?? 104.1 ? I have no listing for a FF speaker here. Who? Chevy-Olds ad. (Check your calibration, Lowell. I suggest CFDM Drummondville, P.Q. 104.3. REW)
 1550 WMEH- 90.9 Bangor ME List eve's TV pgms, then nx, sports.

I suppose the summer Es season has come to a close. I just hope the fall has some good tropo openings to keep my interest going. 73's. (Please arrange loggings in neat time order, Lowell. On FFC stns, see my recent VUD article. The reality of a reception does not depend on your linguistic abilities or disabilities. Try learning at least the FF alphabet for ID, REW)

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

July 7 Es
 2150-2210 KCSU 90.9 Fort Collins CO 1060 pseudo-Slavic gibberish ID, then real EE ID, Jazz Revisited

July 10 Es
 1735-1820 WBUF 92.9 Buffalo NY 1094 auto EL, "Empire State FM Net"
 1740-1800 WGRQ 96.9 Buffalo NY 1094 hard RR live, ex-WGR-FM; QSL card
 1806 WDCX 99.5 Buffalo NY 1094 religious transcr. from SC
 1825-1840 WIAA 88.3 Interlochen MI 1040 CL, urgent pitch for funds
 Also relogs CFMO 93.9 Ottawa, Ont., other Buffalo area.

Aug. 6 Es
 0935-0950 WDDS 93.1 Syracuse NY 1199 unnn; EL mono auto "FM 93"

Aug. 8 Es
 1734, 1810 unid., brief snatches, possibly WFCR Amherst MA, 88.5.



VHF UTILITY DX

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

SEPTEMBER 1973

Richard T. Colgan, PO Box 18268-Serna Station, San Antonio, TX 78218
Realistic PRO-2; Midland 13-920; Petersen HL-44; A/S Mon-8 @ 40'; GMT

<u>2-19:</u>	0151, KOA 629	39.10	Globe, AZ (sheriff)
	0200, KRV 345	39.90	Raton, NM (police)
	1610, KAF 924	39.58	Minneapolis, KS (sheriff)
	1642, KLS 571	39.90	Broken Bow, NE (local government)
	1732, KLR 515	39.50	Lake Havasu, AZ (sheriff)
	1801, KBQ 743	42.34	Riverside, CA (state police)
<u>20:</u>	0023, KIW 553	45.06	Perry, FL (state police)
	0051, KIU 561	35.10	Orlando, FL (Lloyd Const. Comp.)
	0200, KIP 537	46.06	Englewood, FL (volunteer fire)
<u>22:</u>	2256, KCD 395	33.90	Brooklyn, CT (fire)
	2308, KCD 598	33.54	Athol, MA (fire)
<u>25:</u>	0030, KIJ 489	37.26	Manchester, TN (sheriff)
	0133, KIA 802	42.02	Bainbridge, GA (sheriff)
	0202, KID 654	45.14	Inverness, FL (sheriff)
<u>3-3:</u>	1751, KIB 661	39.10	Sumter, SC (police)
<u>30:</u>	0236, KMG 903	42.56	Rodman Mountain, CA (state police)
	0332, KGK 672	42.14	Desert Center, CA (state police)
	0342, KIZ 473	39.18	Jerome, AZ (sheriff)
<u>5-5:</u>	2332, KAA 974	42.54	Maquoketa, IA (state police)
<u>16:</u>	1849, KAD 895	42.38	Washburn, ND (sheriff)
<u>19:</u>	0158, KBZ 422	33.82	Cheviot, OH (volunteer fire)
	0216, KJK 802	39.90	Omaha, NE (local government)
	0251, KAN 754	44.98	Topeka, KS (state police)
	0343, KAI 943	39.90	Fullerton, NE (sheriff)
	0351, KAF 507	37.10	Rockwell City, IA (sheriff)

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT
times not supplied in last report: 1454, 1109, 1619, 1658 (in order)

<u>5-19:</u>	1119, KEC 92	162.40	Eden, MD (USWS test; 1 kw; KEC 83 CCI)
<u>6-3:</u>	1632, KKG 531	39.50	Opelousas, LA (state police Troop K; 500 w)
<u>9:</u>	1416, KAA 747	37.10	Webster City, IA (sheriff; 100 watts)
	1430, KAF 578	37.10	Elkader, IA (sheriff; 200 watts)
	1536, KAM 268	39.22	Virginia, MN (CD/sheriff/police; 330 w)
<u>10:</u>	1749, N98009	122.8	20 mi w Rehoboth Bch, DE (Vernon E. Dyer; Piper Cherokee 140B; 7500 ft; 7 watts)
<u>13:</u>	0104, KJI 430	37.30	Chattahoochee, FL (police; 180 watts)
<u>16:</u>	1704, KSA 908	39.50	Alede, IL (sheriff; 100 watts)
	1705, KSA 911	39.50	Monmouth, IL (sheriff; 500 watts)
	1706, KSA 943	39.50	Danville, IL (sheriff)
<u>17:</u>	2100, N9232P	119.7	vic Baltimore, MD (Cemerford Flt Schol, Inc. Piper PA24-260; single-engine, 4-seat)

My loggings, Allied A-2586 and Hallicrafters SX-62 with 30 ft of indoor random wire; all are Es; CST used; new underlined.

<u>1-3:</u>	1531, sol. noise	<u>7:</u>	0900, KSC 645	<u>11:</u>	1315, KIE 953
	1904, sol. noise		1016, KIY 508		1625, L Beach
<u>6:</u>	0745, L Beach		1120, KIE 953		1647, L Angeles
	1023, KQD 313		1123, KAH 661	<u>12:</u>	0916, KME 438
	1058, KQC 877		1212, KFL 880		0958, KIY 508
	1101, <u>Columbus</u>		1219, KIQ 999		1045, KIE 953
	1120, KFJ 891	<u>9:</u>	0953, KMA 829		1110, KQD 313
	1128, KSJ 815		1018, KIY 508		1112, KFL 936
	1132, KMA 829		1427, KIQ 999		1129, L Beach
<u>7:</u>	0846, KQC 877	<u>11:</u>	1105, KIY 508		1950, KSJ 815
	0854, KQD 313		1127, KAH 661		2010, KSC 645

VHF UTILITY DX

SEPTEMBER 1973

12: 2012, KAA 893	22: 1041, KDN 402	1: 0955, KSC 645
2200, KMA 829	1043, KFJ 891	1332, KFL 943
13: 0925, KFL 936	1045, KSC 645	1419, KMA 829
0945, KMA 829	1057, KSJ 815	2: 1301, KQC 877
14: 1042, KAH 661	1419, KDN 407	1538, KSC 645
15: 1101, KDN 402	1535, KAG 793	1829, L Beach
1105, KQD 607	23: 0907, KQD 313	3: 1100, KSC 645
16: 1350, KMA 829	0913, KQC 877	1143, KQC 877
1352, KME 438	25: 1008, L Beach	1158, L Beach
1353, L Beach	26: 1337, KIY 508	1159, KME 438
1429, KFL 936	1546, KIN 645	1317, KQD 609
1434, KFL 943	1638, KIP 651	1450, KQC 884
1738, KIY 508	1708, L Beach	4: 1432, KSC 645
KIN 645	1723, KMA 829	1648, KMA 829
17: 1936, L Beach	1727, KQC 877	5: 0103, KGA 805
18: 0856, KFL 936	27: 2032, KMA 829	0125, KSC 645
0959, L Beach	28: 1221, KSJ 815	1040, KQD 609
1045, KMA 829	KAA 893	1224, KQC 884
1235, KSJ 815	1245, KSC 645	1313, KME 438
1325, KSC 645	1347, KQD 313	1901, Madison
1334, KAH 661	KFJ 891	1926, KIQ 999
1346, KDN 402	29: 0837, KQD 607	6: 1009, KSC 645
1406, KQC 877	0842, KFJ 891	1022, KMA 829
1419, KQD 313	0855, KSC 645	1809, KQD 607
1456, KIE 953	0904, KGA 805	1817, KIE 953
20: 1030, KQD 607	1035, KQD 313	7: 0906, KSC 645
1143, KIY 508	1200, KMA 829	8: 1203, KQD 313
1202, KSC 645	31: 1800, L Beach	9: 1044, KME 438
1210, KAA 958	8-1: 0906, KQD 313	1109, KMA 829
1214, KQC 877	0908, Cincin.	12: 1015, L Beach
1237, KSJ 815	0924, Columbus	1640, KAA 973
1523, KIQ 999	KQC 877	1735, OK City
21: 1107, KSC 645	0927, KSJ 815	
22: 1028, OK City	0950, KAA 606	

KAA 893	35 +	St. Louis, MO	KIY 508	35.22	Orlando, FL *
KAA 958	42.06	Rolla, MO-sp	KMA 829	35.58	San Diego, CA
KAA 973	42.54	Belmond, IA-sp	KME 438	35.22	Orange, CA
KAG 793	42.54	Belmond, IA-sp	KQC 877	35 +	Cincinnati, OH
KAH 661	35.22	Minneapolis, MN	KQC 884	35 +	Detroit, MI
KAI 927	35.34	Denver, CO	KQD 313	35.50	Dayton, OH
KAQ 606	35.58	Denver, CO	KQD 607	35.50	Gr Rapids, MI
KDN 402	35.54	Omaha, NE	KQD 609	35.22	Lansing, MI
KDN 407	35.22	Col. Spgs., CO	KSC 645	35.58	Chicago, IL
KFJ 891	35 +	Columbus, OH	KSJ 815	35.22	Fort Wayne, IN
KFL 880	35.22	Greenville, SC	-	35.42	Cincinnati, OH-mp
KFL 936	35.58	(west)	-	35.42	Columbus, OH-mp
KFL 943	35.58	Las Vegas, Nm **	-	35.58	Long Beach, CA *
KGA 805	35 +	Pittsburgh, PA	-	35 +	Los Angeles, CA-mp
KIE 953	35.58	Atlanta, GA	-	35.42	Madison, WI-mp
KIF 651	35.58	Ft. Lauderdale, FL	-	35.58	OK City, OK *
KIN 645	35.22	Miami, FL	-	35 +	San Diego, CA-mp
KIQ 999	35.34	Mobile, AL			

mp-mobile phone; sp-state police; rest are A2 tone pagers, except ** has tone messages and voice ID, and * are voice only

Several times members have asked me to recommend receivers for 30-50 MHz. Having only experience with a few sets, I hesitate on doing so. I'd rather that the reports in the columns give a better idea of what the DXers are logging with various rigs. The channel-scanning variety of set is best suited for those who want to keep tabs on only 8 or so freq. Having a complete stock of crystals for the unit runs into a fortune. A better set-up would either have one-tuneable set and a "scanner" or one of the few rcvrs that has both options on it.

73, Pat

WA5IYX

NORTHERN FM DX



Russ Brown
3274 South Lake Shore Drive
St. Joseph, Michigan 49085

Joe Markewicz 1394 Elgin Avenue, W. Winnepeg, Manitoba R3E 1B6

It looks like this year isn't so bad after all with something like 70 stations logged during a nine hour period on 6-6. It was 1st noted at 1100 w/KMID-2, 1235 KNOK 107.5 Ft. Worth weak w/poor audio & like the rest of the opening stations were knee-deep on some freqs., 1245 KNAF 101.1 Fredericksburg TX w/Ranch News @1300, 1250 KACE 100.7 Austin good w/\$MOR "\$100" ID @1300, 1315 KTBC 93.7 w/PSA, Cash and Carry spot, KRNH 103.7 San Marcos local-like w/rock, 1330 KDTX 102.9 Dallas probably the one w/\$102 ID @this time, 1333 KJAK 100.5 OKC good w/c&w AM-1140 stn. ID, 1335 KFNB 101.9 fair w/spot for NW Bank, 1338 KBUY 93.9 Ft. Worth poor w/CFRW 94.3/KTBC 93.7 splash, 1343 CCI to CKY 92.1, 1358 KOAX 105.3 Dallas good w/ID-wx, 1401 KLUR 99.9 Wichita Falls ID mtg. they serve N. TX and S. OK, 1415 KTLK 100.3 Dallas good w/ID & beautiful \$ mx, 1419 KSCS 96.3 Ft. Worth noted w/new calls and golden c&w, weakest Dallas-Ft. Worth stn. hrd.; as expected Round 2 started almost at the same times I got home but spent most of time on TV, this opening was east w/2 or 3 stations on the same frequency w/12 states hrd., 1656 WOUB 91.3 Athens OH w/c&w, ABC info. nx @1700, 1657 WEMM 107.9 Huntington WV w/ID & gospel, 1657 WCIR 103.7 Beckley WV good w/promo "WCIR now presents in person, the original super star from LA, Mr. Jerry West", 1703 WJRS 103.1 Jamestown KY reminding listeners that WJRS & WJKY pay \$5.00 for top news tip, 1709 WCIL 101.5 Carbondale poor w/CCI & mentions of Carbondale, 1710 someone on 93.5 w/mentions of Will County and ph. 739-1400 w/announcer sounding like he lives in the sticks, couldn't understand him at times (congratulations!), you were listening to Polka Time on WAJP in Joliet IL, things could be worst, you might have had WITT 93.5 in Tuscola IL where the tapes spend as much time running backwards as they do forwards, RB), 1722 WNES 101.9 Central City KY spot for Sears, 1727 WBNQ 101.5 Bloomington IL w/nx & "\$101"/"Heart of Gold-Bloomington" IDs, 1731 WTAY 101.7 Robinson IL w/pgm "Music Shop", 1740 WIVK 107.7 Knoxville TN w/wx, 1740 WNAC 105.7 ? w/WNAC beach party spot (sure this wasn't WTLC?, RB) 1742 WDEF 92.3 Chattanooga TN poor w/CKY splash, 1744 WDDO? 96.5 seemed to be the one with country music, 1748 WSIX 97.9 Nashville poor thru CJOB/CBW splash, WSM 95.5 Nashville noted w/local mentions, 1753 WSOY 102.9 Decatur IL popped up w/wx from Weather Corporation, 1753 WKDA 103.3 Nashville TN good w/nx, 1755 WLAC 105.9 fair w/"\$ 106" ID & 'Probe' @1800, 1800 WTJS 104.1 Jackson TN fai over unid w/local nx item on TN pet crop, 1807 WBOV 107.5 Terre Haute IN w/ID then rock, soon out, 1817 WAMB 92.9 Nashville poor w/TC & local mentions, 1818 WKYX 93.3 Paducah KY xlint. w/sports wx beach party promo then Opinion Line, WPAD 96.9 also good w/no QRM, 1823 KADI 96.3 St. Louis fair w/Honda spot, 1830 KCFM 93-7 vy strong thruout the opening w/good mx., also KSLH 91.5 & KGRV 107.7 in, 1836 WREC 102.7 Memphis w/ford dealer spot, 1845 KGRG 92.9 Hannibal good w/Chickenman, 1855 KXEL 105.7 Waterloo IA w/PSA & ID, 1859 WDYN 89.7 Chattanooga TN fair w/nx-wx-sports, KNWS 101.9 Waterloo also in, KSOZ 88.1 Pt. Lookout MO in w/lots of CBWT-6 splash; thruout the day lots of VOR's were noted, the opening stayed in the MO area until the last station faded out around 1945; one of the strangest things I have ever heard was WKLS 96.1 Atlanta, GA was 1st hrd around 1950 w/strong & steady signals until fade-out around 2300, WKLS completely bombed out semi-local CKX 96.1 & strangely enough the MUF seemed to be staying at Ch. 4 & even though I tried throughout the night none of the other Atlanta stations were heard until 2230, can someone tell me why WKLS was the only other station on the band than the 4 Winnepeg stns?, unids noted at 88.5, 90.1, 91.1, 92.9 @2230.

On June 7 a repeat performance occurred of the previous days skip to TX & OK f/1200-1310 w/many relogged; 1200 KNED 101.3 McAlester w/Paul Harvey Comments, 1219 KTEN 93.3 Ada OK fair w/Paul Harvey, 1222 KFWD 102.1 Ft. Worth w/rock "\$ 102", 1230 KKOL 99.5 xlint w/\$ 99 Dallas-Ft. Worth ID then an unknown fact, 1233 KFIC 100.3 Dallas xlint w/ good mx, 1300 KXXY 96.1

FM NORTH

September 1973

Joe Markewicz, cont.,
 OKC Fair w/nx o/semi-local CKX "kicksy", 1300 KSCS 90.1 Edmond OK fair w/nx. June 10 MUF hit FM around 2145 with stns. coming in by either tropo or Es, KSCS 90.1 Edmond OK weak w/classical mx, a number of LA/MS stns. in but not ided, 98.7 stn @ 1100 w/MS nx in brief w/item mentioning drowning across f/Vicksburg at Delta Louis, an inquiry to WQMV said its not them, any other ideas?; 2320 WKYV 106.7 Vicksburg good w/promo and ID, unid stns. on 94.7 & 102.9 which might have been WKXI & WJDX. Also during the opening a number of MN stns noted on tropo, some // to their AM stn. if they have one, KCMT 100.7 Alex., KEHG 107.1 Fosston, KPRM 103.7 Park Rapids, etc., WDAY 93.7 Fargo noted w/sign-off 0030 // to 970 for anmt. As noted every night for over a month CKY 92.1 stops its programs around 0012, instead of rebroadcasting CKY-580 as they used to they now leave their OC on for 7 hours so if you hear an OC here you know who it is. On June 11 f/ol30-Q400 the Spokane TV stns. were in great, despite a good KHQ-6 the FM stations did not show so perhaps some of them were already off at this hour?, also noted was CKX 96.1 // to the 1150 AM AN. June 15 MUF reached 105 mcs. w/KCSC 90.1 OK in briefly. June 24 MUF noted to 96 at 0843 but had to leave before hearing anything. On June 22 when I was out of town I received a person to person call from Nashville, since I don't know anything there do stations go to the trouble to phone listeners on Friday night? If some one is wondering how I can hear a number of FM and TV stns. at the same time believe me it isnt easy w/2 FM receivers and TV sets plus a recorder, three weeks later I was still going over my tapes and that's how I found a few new stations. July 9, opening noted into Ohio @1755 but was out by 2000, the signals were generally weak w/very deep fades. Lots of stations but not too many I'ded, many had Reds' baseball. Most Cincinnati stns. in, WUBE 105.1, WAKW 93.3, etc. Around 99.7 @2047 stn. w/gospel hour w/Alex Thompson (a couple of possibilities Joe, WBEW 99.5 Beckley WV, WCMS 99.7 Norfolk, WKLO 99.7 has gospel but I think they are MOR at this time, RB), 2027 101.5 or 101.7 stn w/WJE SID then rock so either WJER or WJEH; July 10 saw opening to OH & VA in progress when I got up @1018, strong stn. around 95.1(3) iding as WIBQ, any ideas?, 1025 WFLO 95.7 Farmville VA w/ID & wx, 1030 WNPQ 95.9 New Philadelphia w/ID you got good taste for listening to WNPQ, 1035 WOMP 100.5 Bellaire OH good w/many IDs, 1038 WSWA Harrisonburg VA, fed. for the blind PSA, 1100 WOUB 91.3 Athens, 3rd time in 2 years, they have made me an honorary announcer for WOUB-FM (the only Canadian with the title, hi) many other UNids noted. July 11 saw good tropo to SD on hi band TV w/KWIM 98.7/WDAY 93.7 local-like all day.

Morris Sorensen P.O. Box 245 Bala, Ontario

As a re-intro for those who don't know me I might mention that I'm 25 and a teacher on the God's Narrows Indian Reserve in Northern Manitoba (350 mi NNE of Winnipeg-accessible only by air). I've never had any luck with FM DX up there but I usually manage a little each summer from my parent's home in Bala, Ont. (120 mi. or so north of Toronto). No Es has been noted so far this year but I've noted some good tropo with new catches as follows: 7-6 CKPC-FM 92.1 Brantford @2357, news at 0000; 7-7 WHEC-FM 94.1 Canton, Ohio w/nx @2305; WGCL 98.5 Cleveland, Ohio w/rock mx, contest promos @2326; WELW 107.9 w/country mx @2335; WDOK 102.1 w/quiet mx @2345, WWRM 106.7 Gaylord, Mich. w/nx and \$ Northland promos @0000; 7-9 CHEX-FM 101.5 Peterborough, Ont. @2153 (news @2200). That's it for now. 73.

Richard J. Steinberger 47 Causeway St. Hudson, Massachusetts 01749

Lots of tr and Es, a great month, 6-12 1940 tr WCNL 104.9 Newport NH ID/ad for Pat's Mobil, long-sought low power station; 2300 WRUN 104.3 Utica NY ID; 6-16 Es KICT 95.1 Wichita KS trailer spot, brief weak opening; 6-17 2200 tr WBYO 107.5 Boyertown PA ID/gospel program w/pastor f/Norristown; WZOW 107.3 Utica NY ID/local nx/wx; 0000 WBZA 107.1 Glens Falls NY ID/s-off/country; above 3 possible as local WAAF Worcester off the air; 6-18 2030 tr WHFM 98.9 Rochester NY ID/wx; 6-27 2045 Es KWEN 95.5 Tulsa OK ID

Richard Steinberger, cont.,

"Queen Stereo 95", KIGT 95.1 Wichita Relig. PSA @2050, 2121 KSLQ 98.1 St. Louis \$ rock "Super Q" ad for Sears; 6-29 Es 1905 WMOF 89.5 Marfreesboro TN \$ black DJ, 1915 KBCF 93.5 Forest City AR country ad for minute man, 1920 WVCU 94.3 Cornith MFS ID/wx, WWTX 95.3 live broadcast from McNairy County Fair, 1930 KASU 91.9 Jonesboro AR ID, WBHT 95.3 Brownsville TN ID/request phone 772-2222, 1935 WKYX 93.3 Paducah KY ID/Mobile Home ad, WGGC 95.1 Glasgow KY local nx, 1940 WLBW 96.7 Bowling Green KY ID/wx/local nx, 1959 KTMO 98.9 \$ ID "Good Time Stereo", KWFC 97.3 Springfield \$ ID/live sermon from the High Street Baptist Church, 2015 KBRA 97.9 Wichita \$ ID "K-BRA Radio" also many UNID's with the MUF to 104.9. 7-1 2145 tr WGTQ 94.3 Smithtown LI, NY ID, 2200 tr WHLI 98.3 Hempstead LI, NY ID; 7-2 0100 tr WBAU 90.3 Garden City LI, NY ID/s-off, 2330 WYUW 89.1 NYC ID, very strong tropo, re-logged many NY stations..some not heard for 10 years. 73.

Frank Merrill 1560 Brooke Park Drive-Apt. #8 Toledo, Ohio 43612 (EDT)

Despite the badmouthing I've been hearing, I consider 1973 to have been probably my best FM Skip season ever experienced. All 1973 DX has been done exclusively with the rabbit ears again, and I am now only about 15 feet high, rather than the sixty-foot elevation advantage I had at the other apartment. I still haven't been able to determine how badly it hurts me on tropo, because there's been none of it this year to speak of. However, this low vantage point has not hurt my E-skip reception, that's for sure. I definitely enjoyed myself at Dunkirk, and I wish everybody in the club could have been fortunate enough to attend. My personal thanks to Bob Seybold for a well planned and enjoyable Convention. OK, here's the stuff that's kept me busy in 1973 so far: 5-10 tr WVPE 88.1 IN soul, concert promo thru WBGU. Also noted WAFM 100.1 IN(relog) easily snuggling up next to local WKLR 99.9, an occurrence never before noted here. 5-31 gw noted new locals via extended groundwave, WQLN PA, WCSR 92.1 MI EL music, WQED 89.3 PA, WCMJ 89.5 MI, WDOH 107.1 Hit Parade, also logging WCLT 100.3 EL music thru WNIC and long sought. 6-5 Es!! WPAW 92.1, KWIC 107.7, KNOK 107.5, relog KBER 100.3, relog KIKK 95.7 C&W, relog KITY 92.9 EL all TX between 1825-1900, KESY 106.5 EL TX, WPMP 99.1 MS promo, WOCN 94.9 FL "Ocean", KPUP 97.7 TX, KCAW 93.3 C&W TX, KBPO 94.1 EL TX, KAUM 96.5 progressive rock TX, KELT 94.5 Hit Parade, KPPT 90.1 TX mtg. previous xmtr trouble, between 1901 & 2000; KETX 92.1 TX wx, KSYM 90.3 TX "7:03 in San Antonio", relog of KTXN 98.7, KLIS 94.3 TX severe wx watch Anderson Co., WGMW 94.3 FL Top 40 format, KEEZ 97.3 TX @ ID time, relog on KIXY 94.7 top 40 rocker, KIOU 96.5 TX EL format, KWTX 97.5 "7:32 in Waco", relog of KCAW 93.3 TX C&W, KBUC 107.5 C&W and San Antonio wx, WMYQ 96.3 FL Dade Co. VD PSA, relogged KRMH 103.7 TX progressive rocker, KDLE 94.3 TX EL wx, WTHI 93.1 FL at ID time (classical music format) all heard between 2001 and 2100 EDT. WFLA 93.3 FL wx and EL music 2117 to end the greatest FM opening I've ever experienced, netting me 26 new loggings! A few minutes later, noted new calls WJDJ 94.1 OH, top 40 format. 6-6 Came home briefly @noon, hearing KWLW 93.9 TX "...right here in San Angelo", then KNBT 92.1 TX MOR on the car radio en route back to work. A new opening began before 6 PM with the following logged between 1800-1900, KSJM 93.3 ND State #27 EL format, KFYR 92.9 ND mono rock oldies, KBMR 94.5 ND Twins' BB & Bismarck/Mandan ads, KESD 88.3 SD (40,000 watts per phone call) completely crushing 88.1-88.3-88.5 for nearly two hours without fading and probably the strongest skip station ever heard here, KIJV 92.1 SD typical MOR, real surprise in CJUS 89.7 Sask. Prov. #2 item regarding auto inspection service to be in Saskatoon, nice, KBHE 93.1 SD Sturgis car ad and C&W music, KIVE 96.5 Glendive MT State #28 EL music and no problem to ID. However a mono station on 94.3 persisted during the entire opening and seemed not to ID until 1917 when they gave a KBRK (SD) to, very bleak MOR music. Improved groundwave, late evening, brought me a raft of semi-locals I had not logged yet: WNRN 92.1 Bellevue, WOGM 98.3 Bellefontaine (thru WMO), WBBY 103.9 Westerville, WCDR 90.3 (ex 90.1) Cedarville, all OH, also noted call change on 96.3, WBUK is now WTVN. 6-8 Es brought a KITY 92.9 TX relog

Frank Merrill, cont.

and new one KOKE 95.5 TX with C&W concert ad. 6-11 was odd, band was entirely dead (but Es on low TV channels) and while trying to capitalize on improved GW, KBVL 94.7 CO faded up as the MUF hit a momentary high peak, also noted call change on 94.7, WFBN now WFBO and rock oldies. 6-13 Es to S Florida produced WLRN 91.3 Miami and WALJ-WSWN-WGYL all 93.5 between 1830 and 1910. I have a local on 93.5 (WAWR) 25 miles away and was pleasantly surprised to discover that I could null them with rabbit ears and get this FL stuff that's in the same direction (Bunny Ears strikes again?, RB). I couldn't do THAT with a fancy array! 6-15 WPHD 103.3 NY progressive somehow made it thru WCRF/WKFR at 0738. 6-18 Very frustrating Es opening all evening long where nothing would dare stay for ID, including an SS on 96.9 (KVMV, or ?....)(if gospel most likely them Frank, RB). However, WCSG 91.3 Grand Rapids MI brand new station signing off 2331 on special FCC authorization, 20 kw I believe. WPHY 103.5 IL noted for call change. 6-24 WMCU 89.7 FL made it at 1730 and a relog on WAIA FL a bit later. 6-25 finally heard my worst, most frustrating unheard at 0635, when WSOM 105.1 OH (140 mi, 100 kw) had an East Liverpool ad. 6-27 on Es, relogs on WGMW 94.3 and WCCA 94.1, and new logs WGEA 93.5 AL State #29 (again thru WAWR), WPEX 94.1 FL and KAPB 97.7 LA. Relogged KPFT 90.1 on 7-10. More call changes recently noted are WREZ 94.5, WAEZ 97.5 Akron, WMEF 97.3 Ft. Wayne (actually known long ago, but officially overlooked and just now logged). On 7-21 I was tuning around 100.5 megahertz and noted WFIN apparently off, so I was able to log weak WOMP w/Moundsville (W.Va.) ads. But incredibly, WFIN faded back in about three minutes later. Which brings up a question..what would possibly cause an FM station, which usually has a grade A signal here even on the worst dead-days of mid-winter, to fade down to nothingness for a few minutes? There wasn't a temporary power failure because it faded back in just gradually, not suddenly. In over eight years of FM DXing, that's the first time I have ever experienced such a phenomenon. Can there be such a thing as reverse ducting, which will block nearby signals? Three hours later (at 0149 7-22), I managed to log WKKE 100.5 WV, this time with WFIN off, playing top 40 rock. Oddly enough, these two consecutive loggings of WOMP and WKKE also happened to me in Michigan seven years ago one-after-the-other. 7-23, Tiger BB w/Tiger announcer on 107.3, 0007, assumed to be WPLB (it is Frank, RB); one of no more than a handful of stations in my log where no distinctive ID'ing feature was heard. 7-24 WHAS 97.5 surprisingly bucking WAEZ at 0013 s/off, giving me exactly 500 logged. 8-4 had 33 attendees at Dunkirk autograph my FM logbook, I probably missed no more than four or five persons, so now I can say that I've logged 500 FM's and 1 convention, hi. That's all for now. I'm hoping that there will be some trope this year....73.

Andy Bolin 709 Lincoln Avenue Charleston, Illinois 61920

I don't really believe the Es season this year! Last year the MUF always froze at 99 MHz to the south (except for 20 min in Dec.), this year has featured many top of the band openings to the south and east in late June and July; skip this season has helped push my total to 1223. Now to DX with relogs underlined. 6-5 0905 WYOR 105.1 Coral Gables "where the beautiful music is", 1500 XHNOE 93.7 Nuevo Laredo w/spots, 1551 WQXM 97.9 Clearwater FL w/wx, 1615 WAIA 97.3 Miami "a-l-a" w/MOR, 1617 WVFM 94.1 Lakeland FL w/MOR, 1620 WRBD 102.7 Pompano Beach w/soul, 1628 WIRK 107.9 W. Palm Beach w/SID/rock, 1630 WMLJR 100.7 Ft. Lauderdale "the mx station" w/MOR, 1631 WEDR 99.1 Miami w/ID/rock, 1638 WSHE 103.5 w/promressive rock, 1740 WTYL 97.7 Tylertown MS, 1744 WTAM 102.3 Gulfport MS w/jingle-soul, 1745 WFOR 103.7 Hattiesburg MS (580) wx, WAFB 98.1 w/SG and WJBO 102.5 "Loose Radio" both Baton Rouge, KTIB 106.3 Thibodaux LA w/nx, 1802 WYNK 101.5 w/nx, 1825 WAXY 105.9 Ft. Lauderdale "total gold 106", 1835 WEAT 104.5 W. Palm Beach, 1840 WOVV 95.5 Ft. Pierce soul, 1915 WARN 98.7, 1900 WFAM 91.1 w/rock and WYFL 89.1 J'ville, 1913 WFOY 97.7 St. Augustine w/ID, 1920 KPAC 98.5 Ft. Arthur w/MOR, 1929 KFME 97.9 Houston w/nx, 1930 KFRD 104.9 Rosenberg w/promos-rock, 2015 KINT 97.5 El Paso w/rock-nx. 2030

Terry Colgan
P.O. Box 18268
Serna Station
San Antonio, TX 78218

Convention report

The Convention began earlier for Ron LeBlanc, Wiley Kay, and me than for most other members, as we left New Orleans the afternoon of 29 July. Along the way we detoured at the Marshall Space Flight Center, Huntsville, AL; Lookout Mountain adjoining Chattanooga TN; and other places too numerous to mention, finally arriving in Dunkirk on Wednesday. After spending a day with Mark Lewis in Toronto, we met the other early arrivals (Al Ellis and Bob Hartmann) back in Dunkirk on Thursday.

Friday was a day of reunions and new meetings as members arrived throughout the day. In addition to the bull sessions, Bob Seybold hosted a trip to his 1800-foot "DX hill" where we were treated to UHF-TV from Chicago. (Several of us went to the "hill" several times during the week, and can testify that such reception is not at all unusual!)

Things go into full swing Saturday morning with Gary Olson's demonstration of Sony's color video-cassette tape recorder. Although rather expensive for the ordinary TV DXer, it certainly would be nice to relive your DX in color! Not to be outdone, Morrie Goldman demonstrated the Heathkit 70-channel detent UHF tuner. (Rather than steal the limelight, I'll leave you hanging in suspense pending Morrie's article in the VUD.) The product of another upcoming article--this one a construction project--was demonstrated by Jerry Pulice. Seems Jerry has put together a neat UHF preamp that's small, easy to build and inexpensive (what more could you ask!). I was elected to round out the afternoon session with a discussion on verifying VHF public service stations.

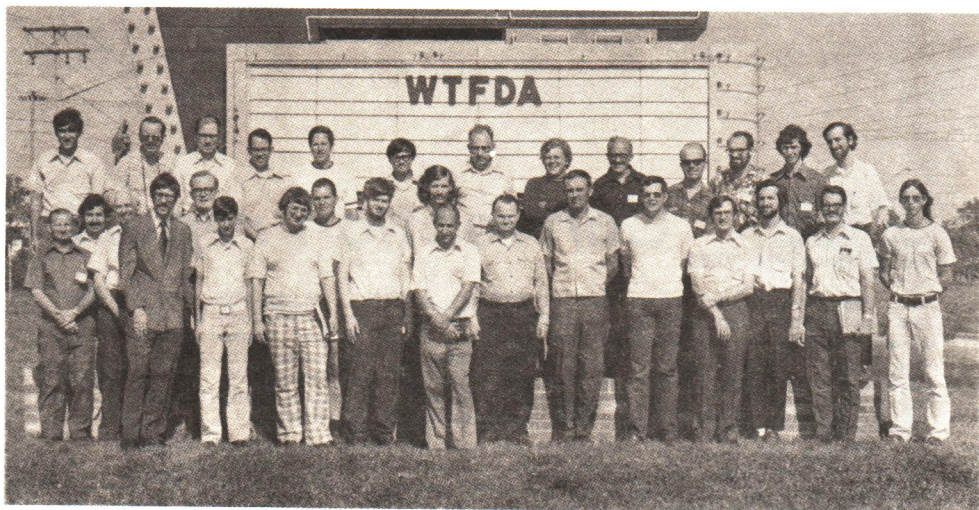
After our traditional "banquet", we settled down to the high points of the day--Mel Wilson's discussion of "midlatitude intense sporadic E propagation" (did I get that right?) and Mark Lewis' presentation on the state of Canadian FM and TV broadcasting. (It's interesting to note the change from last year's convention where presentations centered on DXing techniques to this year's where the concentration was on the technical aspects of TV and FM DX.)

Sunday morning was spent discussing WTFDA and the VUD. Foremost was the discussion--heated at times--on whether DX reports should be edited or printed verbatim. Those present voted to await the outcome of the membership survey before setting policy. Other items included a switch to first-class only mailing for the VUD; the need for cartoons and cover material; and the upcoming "TV Atlas". Bruce Elving presented the financial report for 1973 showing a club profit of \$156.10 and a bank balance varying between \$600 and \$1200.

What about next year's convention you ask! Thus far, tentative bids are in from Dave Pomeroy (Topeka, KS), Dave Janowiak (Milwaukee, WI), Dick Clark (Fort Lauderdale, FL), and Bruce Elving (Adolph, MN). If you'd like to host next year's meeting, drop HQ a note.

Now that the 5th Annual WTFDA Convention is history, with friends met and remet, host Bob Seybold deserves our hearty thanks for a difficult job well done.

73,
Lery



Left to Right; Top to Bottom-- Morrie Goldman, Wayne Plunkett, Bruce Elving, Don Erickson, Gary Olson, Jerry Pulice, Al Ellis, Don Blevens, Frank Wheeler, Bob Hartman, R. Covington, Joel Rosenberg, Jim Robertson, (bottom) Ron LeBlanc, Mark Lewis, Mel Wilson, Bob Bandy, Wiley Kay, Ken Hotchkin, William Thompson, Joe Graig, Jim Hayes, Tom Yingling, Bob Seybold (convention host), Roger Bortree, Bill Eckberg, Terry Colgan, Pete Gennuso, John Robertson, Frank Merrill, Dave Long. Not in picture-- Dave Pomeroy, Roger Gravelle, Carrol Elving, Pete Sawatsky. Who says that all convention pictures look alike??



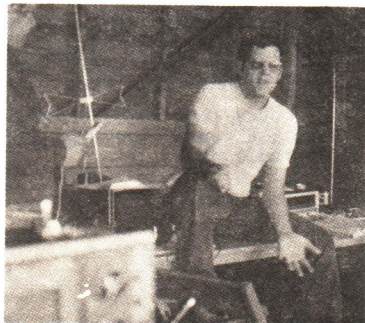
Gary Olson demonstrates the Sony Videocassette system to an amazed group of DXers!



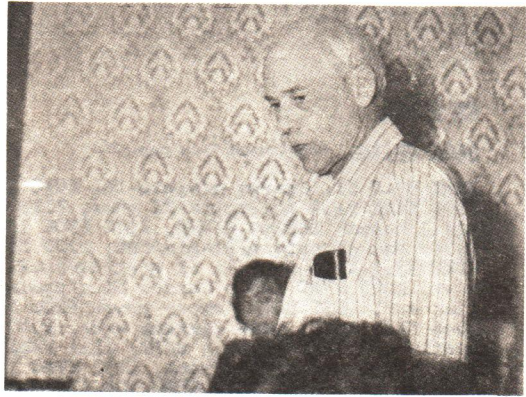
Does Goldman always move that fast? Morrie demonstrates the high accuracy and ease of installation of a detent UHF tuner. (details in the VUD shortly)



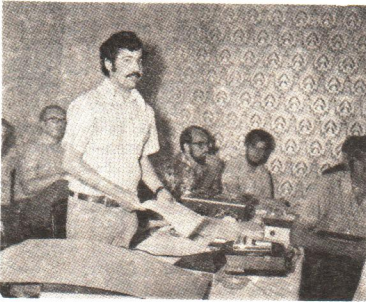
Jerry Pulice unveiled a "super-- simple" tunable UHF preamp. The screen at left is without the amp; at right-- with. (details shortly)



How to out-fox everyone and get a public service band QSL. Terry Colgan tells all, in his unimitable style.



The highlight of the convention was a presentation by Mel Wilson on his "favorite subject"-- Es.



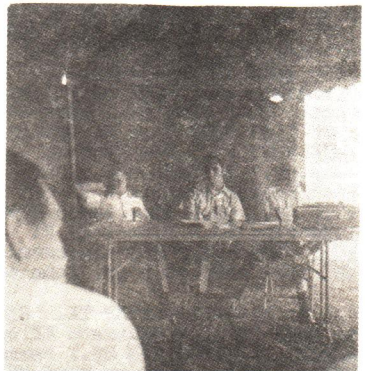
Mark Lewis gave new and entertaining insights into Canadian Broadcasting.



Mel answered an almost never-ending stream of questions. Unknown to Mel, an Es opening was also in progress at the same time!



Sunday morning's open-air club discussion brought many opinions.



Gary Olson, Morrie Goldman and Bruce Elving host the discussion.

Andy Bolin, (continued from page 26)

XHPX 93.7 Cd. Juarez w/spots-ID, 2040 KGTV 96.7 Georgetown TX w/BB-ID, 2100 KAMC 94.9 Arlington TX w/nx, 2115 KRWG 90.7 Las Cruces NM, 2132 KOAK 105.3 "coax" Dallas w/MOR, 2140 KTON 106.3 Belton w/jingle, 2145 KBUC 107.5 San Antonio w/jingle/C&W, 2200 KVVM 93.5 Show Low AZ w/nx, 2216 KDKB 93.3 Mesa-Phoenix AZ w/spots-rock. 6-6 1003 KWED 105.3 Seguin TX w/wx, 1027 KNRO 106.9 Conroe TX w/spots, 1030 KWHI 106.3 Brenham w/"headline nx", 1031 KOOI "super power KOOI 106.5, 1045 KBPO 94.1 Beaumont TX, 1046 KLJT 107.3 Lake Jackson w/wx, 1047 KTFM 102.7 w/rock, 1130 KOKE 95.5 Austin w/wx & KHFI 98.3 w/ID, 1131 KWXI 97.1 Ft. Worth w/MOR, 1140 KVIL 103.7 Highland Park w/rock, 1230 KVWO 106.3 Cheyenne w/C&W, 1258 KBVL 94.7 Boulder w/ID-MOR, 1300 KLMO 104.3 Longmont CO w/MOR, 1355 10w KUWR 91.5 Laramie w/rock, 1700 CFRW 94.3 w/rock, CJOB 97.5 and CEW all Winnipeg, 1730 KICC 91.5 a stereo ten watter International Falls MN w/piano instrumentals (nice catch Andy, RB), 1802 KDLR 96.7 Devils Lake ND w/ID-MOR, 1745 to 2015 CJUS 89.7 and CFMC 103.9 w/MOR both in Saskatoon. 6-7 Es 1140 to 1245 KOYN 93.3 and KURL 97.1 both Billings MT, @1300 southern CO 'til 1345. 6-10 tr-au-Es, @1000 KELO SD on tr w/KFMI, KPAB, and KFMQ NE in all night; Au @1615, 1659 KFMQ NE, KRCB IA, later @2312 Es, 2330 KFBC 97.9 WY, 2345 Denver to 101 MHz, 0020-0110 SLC to the top. 6-11 Es KTEP 88.5 El Paso TX @1100. 6-13 Es 1345-1430 south TX MUF KBFM 104.1, 1805-2030 south FL, MUF WFTL 106.7. 6-15 2032-2105 north TX, MUF KWGO 99.5. 6-16 Es 1330-1440 FL MUF WFTL 106.7, 1347 WETZ 96.1 J'ville w/MOR-promo, 1530-1730 w. TX and NM, MUF KINT 97.5, later 1700-1810 Salt Lake-Provo, hrd. on 6-7, 6-10 & 6-16 was KCPX 98.7 now w/rock. Note; from 6-22-6-28 my local on 92.1 was off the air and/or off frequency. 6-24 Es 1540-1620 south FL MUF WAXY 105.9, 1546 WQXK 92.1 Hialeah "great sound, great music", 1628 WAHE 92.1 Fairhope AL. 6-25 vy strong Es, w. TX @1030, 1055 KBAD 92.1 Carlsbad NM w/spots-ID, 1203 KAFP 92.9 Flagstaff "the ultimate in sound", 1236 KAIR 94.9 "care" Tucson w/ID-MOR, 1241 KCEE 96.1 w/MOR (1370). 6-27 south FL to the top @1705, 1715 WYRL 102.3 Melbourne w/c&w, 1730 WLNG 92.1 Sag Harbor NY w/ID-MHS, 1733 WIFJ 92.5 Philadelphia w/jingle-rock, 1735 WCIB 101.9 Palmouth MA w/rock, 1737 WOOD 106.1 Hyannis w/phone auction, 1740 WTIC 96.5 Hartford classical, 1742 WWEL 107.9 Medford MA w/ID-MOR, 1745 WWOV 106.3 "on-FM" 106.3 Woonsocket RI w/old gold, 1746 WERI 103.7 Westerley RI w/rock-jingle, 1757 WCCO 106.9 Hartford w/rock requests, 1800 WTFM 103.5 Lake Success NY w/ID, 1800 WFMP 104.5 Fitchburg MA w/ID, 1801 WSTW 93.7 Wilmington DE w/"the Quad music hour" (state #44, state #45 is 1550 mi.), 1805 WWDE 96.5 Philadelphia w/jazz, 1806 WCTX 92.1 Palmyra PA w/local PSA, 1814 WRCP 104.5 w/ID, 1828 WRNJ 95.1 Atlantic City w/ID-MOR, 1830 WDAS 105.3 w/soul, 1900 WSEN 92.1 Baldwinsville NY "the sound of the country", 1915 WCOU 93.9 Lewiston ME, 1945 WDBO 92.3 Orlando w/beautiful music, 2028 WNUA 91.1 Amherst MA w/rock, 2030 WNYU 92.7 Norway ME w/ID. 6-29 1558 WFNU 91.1 E. Orange NJ w/rock, 1600 WNYU 89.1 and WFUV 90.7 NYC, 1614 WGGY 97.3 New Bedford in PP, 1615 WCRB 102.5 Waltham w/MOR, 1624 WOCB 94.9 W. Yarmouth w/MOR, 1647 WFCR 88.5 Amherst w/ID-NPR, 1630 UNID 92.7 rocker w/calls w/NR but sounds like WRNR, anyone know who it is???, 1700 CFOR 92.5 Montreal w/MOR, 1859 WRTC 89.3 Hartford w/oldies requests, 1930 WVHC 88.7 Hempstead NY w/ID, 1931 WWRJ 95.3 "\$ 95" Southampton w/MOR, 1932 WNGN 104.3 NYC classical. 6-30 Es 1552 WJTO Bath ME w/American Top 40, 1623 CFBC 98.9 St. John country, 1640 CKMF 94.3 Montreal w/nx-ID.

7-3 Es 2155-2220 KTEP TX. 2305-2350 SLC-PROVO MUF to KSOP 104.3. 7-5 tr KSKU 102.1 Hutchinson KS w/MOR (550). 7-7 tr 0115 WBNY 96.1 Buffalo w/MOR, Es @1800 ZBM 89.1 Bermuda, 2040 S. FL MUF to WIRK 107.9, AZ @2210 MUF to 99MHz. 7-8 tr WCMF 96.5 Rochester NY (600) rock @0001, WWOL 104.1 w/C&W, 0045 WYDD 104.7 Pittsburgh w/rock, 0612-1000 CFMO Ottawa (750) classical, 0845-1045 strong Es to CO MUF 107 MHz. 7-10 Es S. FL MUF WBUS 93.9. 7-11 Es 0900-0950 S FL MUF WAXY 105.9, 1830 WALL 92.7 Middletown w/nx, 1837 WLVE 93.7 Hartford in SS, 1838 WPFM 100.3 Portsmouth NH w/rock, 1840 WOTW 106.3 Nashua NH w/spots, 1845 WHUC 93.5 Hudson NY w/jingle, 1847 WBCN 104.1 Boston w/rock, 1848 WXXY 104.9 Montour Falls NY w/promos, 1852

FM NORTHSeptember 1973the continuing FM DX report of Andy Bolin,

WKOP 99.1 Binghamton NY, 1900 WBZ 106.7 Boston MA w/rock, 1901 WVIA 89.9 Scranton PA w/ID, 1902 WDCS 97.9 "\$ 98" Portland ME classical, 1903 WERS 88.9 Boston classical/promo, 1904 WPLM 99.1 Plymouth MA w/MOR. 7-12 super GW, 0845 10w WLTL 88.1 La Grange IL (165) w/rock. 7-13 tr 0500 WTCW 103.9 Whitesburg KY w/s-on, check this catch WTJM Pineville KY w/C&W not 100.1 but on 106.3 @0530, 0550 WLOS 99.9 Asheville NC w/MOR. 7-25 Es 1415 WKGI 101.3 Hamden CT w/state nx, 1420 WBRU 95.5 Providence RI e/local nx, 1428 WGIR 101.1 Manchester NH and WZID 95.7 w/ID, 1437 WHMP 99.3 Northampton MA w/spots, 1438 WKXL 102.3 Concord NH w/bb promo, 1440 WWSO 95.9 Glens Falls NY w/jingle, 1442 WIDE 94.3 Biddeford ME w/jingles-rock, WFAU 101.3 Augusta ME w/ID-C&W, 1452 WXLQ 103.7 Berlin NH w/rock-jingle, 1500 WFOR 101.9 Portland w/ID C&W, 1505 WRKD 93.5 Rockland ME. 73.

Robert Eddy Box 123 Newport, Ohio 45768

5-23 first skip of the season noted, 1803 KFNE 95.3 UPI nx ID and Uncle Al's Stereo Show; 1814 KLUR 99.9 ad promo and country music; 1832:30 KWGO 99.5 wx, local nx, ID, mx. 5-28 Es 1759 KGIW 93.5 ID, nx, ads; other CO FM stations to 99 mc. good. 6-4 Es 1630 came home from work and found Es starting into the FM band had to quit because of heavy thunderstorm activity, rats! 6-5 Es Came home from work and found what sounded like a fantastic opening, but had to quit because of a severe thunderstorm, "!!/##*!", 1810 Thunderstorm all but ended and was ready to start DXing.. power failure!!!!!(sounds like someone's been fooling with Mother Nature in Newport Bob, RB)1925 Power returned and managed to catch end of opening, at this point I was too disgusted to care, 1930 KNIT 105.1 ID and nx, 1931 KTLK 100.3 ID; 1932 KASE 100.7 ID; 1950 Es all but ended. 6-6 Es 1808 KFVR 92.9 ads sports and rock mx-excellent signal, 1815 KBMR 94.5 BB and ad-good signal. 6-11 tropo 0408 WFMS 95.5 wx-WHOK 95.5 off. Es 1134 KBUY 93.9 Sp. announcer. 6-13 Es 1712 ZFB 95.0 ads/MOR mx ID at 1730. ZEM 89.1 was also good during this period, 1735 WLRR 91.3 drama, 1742 WEDR 99.1 soul mx, 1747 WJNO 97.9 editorial, 1755 WCKO 102.7 ad, 1800 WMJR 100.7 ID, 1814 WQXM 97.9 ID/ad/ist. mx, 1818 WHEW 101.9 ads, 1830 WSOR 95.3 ID, 1853 WLCY 94.9 ad, many good signals this time but very heavy fading. 6-14 tr 0718 WOCH 106.1 ads, country music. 6-16 Es 1020 KIJV 92.1 ads/MOR mx/ID, 1045 KBHB 93.1 ads. 6-24 Es 1626 WFAM 91.1 PSA baseball, 1628 WWBA 107.3 ID, ad; 1642 WHFL 97.5 ID, 1656 WPRK 91.5 classical mx, s-off at 1659, 1701 WDNJ 94.5 nx/wx. 6-27 Es 1641 WPAP 92.5 wx/ad/country music, 1646 WCOV 92.3 ad/nx, 1656 WMEZ 94.1 ID and ad for FM Atlas, 1701 WCOA 100.7 ad/ID/nx, 1703 Thunderstorm-had to quit-oh, no, no!! 1730 Thunderstorm gone, 1731 WJAX 95.1 ID, WMOP 93.7 ad, 1744 WVFM 94.1 mx, ads, ID, 1750 WPMP 99.1 ad, 1752 WYMI 93.7 rock mx, PSA, ABC nx, 1757 WABB 97.5 ID and nx, 1800 WKSJ 94.9 ad/ID/nx, 1802 WEZE 97.1 E-Z Radio listening post, (new state for me and no sign of a thunderstorm), 1803 WIXO 98.5 rock mx/ads, 1813 WBYU 95.7 ad PSA ID, 1818 WJDB 95.3 ads/rock mx, 1825 KDBS 100.3 nx, 1829 WQNK 95.1 rock mx ID "the new Q", 1830 KSMB 94.5 ad/ID, 1844 WWL 101.9 rock mx/ads, 1847 WNOE 101.1 ad/country mx, 1849 WQUE 93.3 ID, 1903 KAKC 92.9 ads, rock mx, 1913 WCKW 92.3 country mx/ads, WQST 92.5 ad/ID/country mx, 1940 end of Es. A GREAT opening except for the thunderstorm, most signals were good to excellent-easy copy. Our weather seems determined to destroy any chance for DX. 7-7 tr 2218 WKUB 92.1 nx contest snmt., 2228 WWTV 92.9 country mx, ID, 2232 WGMU 89.5 pgm snmt, ID, 2322 WBAY 101.1 rock mx/promo, WKUB and WBAY were very weak-others were good. 7-11 Es WMCU 89.7 local nx-weak. 7-12 tropo WDTN 89.7 ID, 2105 WDEF 92.5 wx, 2139 WDOD 96.5 gospel pgm., WDTN was fair to good, others were very weak. 7-25 Es 1705 CHFX 96.1 nx/wx/country mx fair over WTAE, new province. Totals are now at 686, and hoping for a good fall tropo season. 73.

Bruce Elving Box 24 Adolph, Minnesota 55701

No skip since last report, with the only DX of note being an excellent

Bruce Elving, cont.,

trope opening into NE and SD July 6 and 7. New stations added: KWYR-FM 93.7 Winner SD on a day when it was 104 degrees in Winner; KESD 88.3 Brookings SD heard many times during the two days, not in \$ (their letter of verification mentions that \$ discontinued when they switched transmission facilities to a point 25 miles west of town and increased power). By morning NE took the spotlight with KTTT-FM Columbus 93.5 and KAWL-FM York with MOR \$ on 104.9 peaking at about 10 CDT. KAWL-FM came in through local WGGP's 105.1 hashy sidebands beautifully. Aurora at 5:30 A.M. CDT July 26 netted my first Class A station by that means: WCER-FM 92.7 Charlotte MI, barely audible on my tape, but, happily, this one, and all the others reported here have verified. Driving to the WTFDA convention the morning of Aug. 3 after 8:30 EDT, Chicago stations on 93.1, 99.5 and 100.3 all heard on my amplified (by an FM booster I've hooked into it) factory-installed car FM, and in \$, across the length of Lake Michigan approaching St. Ignace MI. Sun-up tropo Aug. 14 brought in new KQHU 104.1 Yankton SD w/\$ MOR. Also a friend in Duluth reported FM skip to Santa Fe NM about 4 P.M. CDT Aug. 8 or 9.

Shelby Remington 257 West Spring Street West Haven CT 06516

DX summary since 12-1: 12-17 brought me a 20 second burst (sporadic meteor) at 1138 from WHLA 90.3 and WHAD 90.7 WI; and very extensive listening during 1-3 Quadrantids was disappointing, worse than last year; predicted peak was 1100, with rates above 60 0500-1400; apparent peak well before that...only station I'ded was WGIL 94.9 IL at 0433. An excellent source of in-depth info on meteor showers is "Sky and Telescope" magazine, available in many libraries; 3-72 issue had article on Quadrantids. Again this winter I managed to miss the big Es session (mid-December). April Fools' brought fine aurora...my antenna had blown down a week earlier, so I had to rush out into driving rain and throw up the JFD onto a 10' pole stuck in the ground, pointing north...then proceeded to log my 35th state, NC, with WITN 93.3 nice taped ID; lasted approx. 1400-1800, mostly Norfolk area. 4-9 WWUH 91.3 Hartford off, so trop-scatter brought WUNH Durham, NH at 2154 with ACN nx. 5-2 noted WAIC 91.9 Springfield MA with higher-power; WNYU 89.1 finally took the air 5-4 after some two year delays. 5-23 1st skip of season, cloud A brought Tampa area for a few minutes at 1920-1940 before heading into the gulf; cloud B brought 88.7 WSIE IL at 2041 while St. Louis TV was bombing in. June 13 monster Es to FL-GA from 1750-1915, apparently more than one cloud, since I heard Plantation Key 100.3 and St. Petersburg 107.3 at the same time; WOMA 94.9 Tallahassee was in for a full hour 1815-1915. 6-20 trop-scatter brought new WVIA 89.9 Scranton PA at 2300 w/poor signals over the hills. 6-23 super-strong coastal trop brought WSEA 93.5 DE and much wanted WNNN 101.7 Canton NJ during late afternoon, C&W nx. 6-27 Es to MO/KS/OK 1840-1930 w/WIAN 90.1 from IN all by itself at 1849. Then on 6-29 super Es all over the place, apparently 2 clouds moving around; started off in GA-SC, down to Jacksonville, then into AL at 1830, MS at 1855; then zap up to Paducah KY (both 93.3 & 96.9) at 1910-1930, state #36 giving me every state within 1450 mi except Texas (NE corner), also need Manitoba and Bermuda...Es ended up at St. Louis with KMOX 103.3. Quickie Es 6-30 at 1657 brought KQDE 92.1 Waseca MN w/C&W. No further Es noted as of 7-8. Strong NE trop brought WSLE 92.1 NH MOR and s/off at 2358 (July 2); also apparent WELM 107.5 ME and WTOS 105.1 ME, but NYC locals prevented IDs. Presently using temporary 45' mast w/JFD LPL-FM10a, but I expect to put up stacked CM 4408's as soon as expenses allow, hopefully before Sept. tropo...new Consumer Reports tests FM antennas and rotators, Channel Master tops in both; they noted JFD (by far the largest antenna tested) had low gain at the high end, plus poor F/B ratio at high end, which explains my sparse totals above 102 MHz. Total now at 440, with a saturation of 40. New local WNHU 88.7 began RS 6-4-73 much wider coverage than 1.7 kw at 150' EHAAT would indicate; I would judge them to be more at like 300' AAT (150' AG); there are rumors circulating that FCC is about to cite them for technical violations (hope, hope, ho!!).

FM NORTH

September 1973

Shelby Remington, cont.,

I'll be making camping trips to Nova Scotia and Br. Columbia/Alberta, and will definitely monitoring FM...unfortunately sked doesn't permit my taking in the Convention. 73.

Harry Hayes 9 Henry Street Wilkes-Barre PA 18702

The latest news here is my inheritance of my sister's old Masterwork combination FM-stereo phonograph. My log periodic antenna previously hooked up to my one terminal only Zenith Trans-Oceanic is now hooked onto the twin terminal system of the stereo. What a difference from doldrum cx to incredible normal cx. Under normal cx WJAC comes in crystal clear \$ with only occasional flutter and a rock and roll crash of WFGC 95.5, WRAC 102.7 comes in with all the strength of a local. Apart from the good news the set suffers from a severe overload from WYZZ 92.9, WBRE 98.5, WRKC 88.5, this results in a great loss of band space. Anyone have a solution? Despite this the set is welcome here, my sister moved up to a very expensive system (Sony). Mileage to WJAC Johnstown is 170 miles, I can't wait for a tropo opening. In other news 2 FM Es openings of note received on my Trans-Oceanic. 6-27 A mid-west opening that seems to have drifted in a loop; 1841 KWKI 93.3 KC MO "quickie", 1845 KMBR 99.7 KC "middle of the FM dial" 1900 UNID over WKKW 104.1 w/rr, 1910 KWPM 93.9 W. Plains MO, 1925 KPFL 99.9 Lafayette LA, 1945 KAYD 97.5 Beaumont TX, 1925 KUOA 105.7 Siloam Springs "music for beautiful people", 1955 KISR 93.7 Ft. Smith AR "kisser", 2005 KEBC 94.7 OKC w/C&W, 2025 KSYN 92.5 Joplin "get a \$ 92 bumper sticker", KRLY 93.7 Houston TX at 2039 w/rr (I heard that guy June 2, 1972), 2100 KICT 95.1 Wichita KS, 2130 WIBW 97.3 Topeka w/rr. The MUF in this one reached 107.9 and up I guess, hi. This opening received in progress upon my arrival in Thornhurst (10 mis. SE of W-B) and the rest is from that location: Es MUF to 107.7 at 1831 EDT, 1841 WTVY 95.5 Dothan AL w/rock if I remember right, 1845 WKLH 92.3 Montgomery AL w/Hit Parade for a call chage from WCOV, 1855 WFAM J'ville strong with hard rock. At 1830 I had a tentative on WDLF 105.9 FL. The preceding and following were received on a simple telescoping pole ant. on the Trans-Oceanic. 7-3 tr WPSB 99.9 Bridgeport CT very weak at 2020, 2025 WDRC 102.9 Hartford clear w/rr, "the Big D" WVCD is now on with its own programming with easy listening and a multitude of slogans, among them "This is your \$ Island WVCD" and "this is the continuing love song of WVCD \$ 97.9 Hazleton", reception is exceptional but not too great in W-B. My total now 165. (and now for Harry's latest report, RB)...DX dates from my Pocono location are underlined. 7-10 WAMU 88.5 DC on tr poor/fair w/NPR, 1333 WHP 97.3 Harrisburg w/EZ mx, 1905 Es KRLY 93.7. 7-11 Es 1930 WIBW KS, 1945 KSWT "K-sweet", 2000 KWKI 93.3 MO w/rock, 2015 KFPM 94.9 MO "\$ to dance to, to relax to...", in a good half hour. 7-14 tr 0130 WSBA 103.3 York PA "Summer Place" w/rock, 7-15 tr 2348 WNEW 102.7 NYC finally bagged. 7-16 tr WHOM 92.3 NYC IDed finally at 0000, 0012 WRVR 106.7 NYC in at weak level, will somebody out NYC way tell WNCN 104.3 that there are these letters that begin with "W" that the majority of stations use to ID themselves, hi. 7-21 tr out to NE, Boston on TV, 2038 WHCN 105.9 CT in good w/hard rr, 2058 WDRC 102.9 in beautiful w/rr, 2107 WCCC 106.9 "triple G" w/rock-weakish, 2118 WRCH 100.5 CT in xlnr w/MOR "world of beautiful mx", 2330 WPKN 89.5 CT w/folk rr fades in and out. 7-22 tr cont. 0008 WALK 97.5 Patchogue NY o/WPST, coll WBLI 106.1 Patchogue NY non-stop mx, 0014 WCLL 106.1 Corning NY ending nx, 0025 WKSS 95.7 CT "kiss \$ 96" w/MOR. 8-7 tr WMSP 94.9 Harrisburg PA w/ classical mx. My 6-13 logging of WQIK 99.1 Tampa should be WQYK 99.5 St. Petersburg FL. Tnx to Frank Merrill. Had a great time at the convention, there were some really good lectures, also, Bob Seybold's hill is an experience in itself. The beer wasn't bad either. 73.

Fred Nordquist 302 Sandra Lane N. Syracuse NY 13212

Four Es openings were noted between 7-7 - 8-5 and tropo was noted to Chicago on 7-7/7-8. Here's what was logged: (new Underlined) 7-7 WCMU

Fred Nordquist, cont.,

89.5 MI ID 2118, WWTW 92.9 MI Tigers BB 2203, unnn WZUU 95.7 WI SID 0014 on 7-8. 7-9 Es KKLS 93.9 Rapid City SD nx 2147. 7-11 Es WAOV 96.7 IN sports 1940, KMAG 99.1 AR ID 2000, KUQA 105.7 Springdale ad 2001, KTIK 101.5 MO nx 2000, kkUL 103.3 Tulsa Oilers' BB warwap 2028, KWEN 95.5 OK MOR 2029, KAKC 92.9 another Tulsa w/rr 2029, unnn KISR 93.7 w/rr then fadeout at 2035. 7-27 Es into Manitoba (noted ch. 6 Winnipeg) at 0040; UNIDS noted on 94.3 rr MPX, 96.1 Firestone ad and organ mx, 92.1 MOR mx piano-orchestra, 98.3 MOR Herbie Mann, and 97.5 MOR mx all noted between 0040-0048 before fadeout. Tentatives will be sent. 8-5 Es unnn WPCS 89.3 FL relig. mx 2043. Hope all had a good time at the convention. 73.

TV QSL CORNER

KEN SIMON
528 Pilgrim Rd.
West Palm Beach,
Fla. 33405

TV QSL Column

As new QSL editor let me say a few things about this column. 1. Information is the key word I wish to stress. The column is to help you get QSLs, not a forum to BRAG! 2. Please stick to the format used here or else send Xerox copies of QSLs. 3. On tough ones feel free to tell how you did it.

THIS IS YOUR COLUMN--SUPPORT IT!

NICARAGUA: YNTC ch.2 -adr. TELEVICENTRO DE NICARAGUA, SA./APT. 1741/MANAGUA, DF -personal ltr, vry specific. OSCAR MIRANDA U., ventas y relaciones. (Report sent airmail registered.)

EL SALVADOR: YSR ch.2 -adr. CANAL DOS, SA./CARRETERA PANAMERICANA KM 5/ APT. POSTAL 720/SAN SALVADOR -vry specific reply to tentative report explaining what I had viewed. JUAN RAMON JEREDA.

CUBA: Various ICR stations -adr. INSTITUTO CUBANO RADIODIFUSION/23 NO. 258/ RADIOCENTRO/ LA HABANA -cards list time, date, network affiliation, but NO CHANNEL OR CITY. EDGARDO CARRILLO SILVA, resp intercambio. Cards are mailed in NEW YORK, I believe at the UN mission.

**In 7 years I've received 4 Cuban QSLs...

***All the above were reported in SPANISH.

-If you want any materials returned enclose a SASE.

-Deadline: must be received here on 10th.

-All contributors will be listed.

WESTERN FM DX

Editor:
Mike Dornier Jr
1409 Hymelia Avenue
Metairie, La 70003

DX FROM THE LAND OF BEGINNING
AGAIN

Richard Noel Allen Billings, Oklahoma 74630 (15 Jun - 10 Jul) GST

Receiver: Pioneer SX 300T Antenna: home-constructed five-element yagi at 20 feet.

Jun 15

2124	Tr	97.3	WIBW-	Tepeka KS	190	rock mx; nx 2130
2148		93.3	KWKI	Kansas City MO	250	jazz; wx 2159
2202		90.5	KKOV	Maryville MO	310	nx
2224		90.9	KCMW	Warrensburg MO	260	"Jazz Workshop"
2230		102.1	WDAF-	Kansas City MO	250	wx, rock mx
2336		98.7	KWTO-	Springfield MO	245	rock mx, wx 2355

Jun 16

0016	Tr	98.1	KUDL	Kansas City KS	250	rock mx, ID as "Cuddle FM"
------	----	------	------	----------------	-----	----------------------------

Jun 17

0615	Tr	100.1	KSNW-	Aurora MO	200	c&w; nx 0630
------	----	-------	-------	-----------	-----	--------------

Jun 18

0650	Tr	101.5	KTXR	Springfield MO	245	mx
0659		97.3	KWFC	Springfield MO	245	wx; gospel mx
2019	Es	100.1	WMCD	Statesboro GA	950	ABC FM nx; wx; C&W

Jun 20

0715	Tr	106.3	KPLD	Branson MO	235	C&W; wx 0725
------	----	-------	------	------------	-----	--------------

Jun 25

0432	Tr	93.3	WCPC-	Houston MS	520	Gospel mx
0455		93.9	KWFM-	West Plains MO	310	mx; nx 0500
0504		106.7	WKYV	Vicksburg MS	430	ABC Inf nx and sx; c&w
0519		105.1	KVEE-	Conway ARK	275	C&W
0522		99.7	WMC-	Memphis TN	430	rock mx
0537		88.1	KSOZ	Point Lookout MO	255	classical mx
0542		106.3	KXOW	Hot Springs AR	260	Gospel mx
0545		105.9	WEZI	Memphis TN	430	mx
0602		98.5	KLAZ	Little Rock AR	295	rock mx
0647		107.9	WRPM-	Poplarville MS	550	farm rpt; mx 0652
0845		94.9	KADL-	Pine Bluff AR	320	"Woman's World"; C&W 0850
0854		94.7	KTTS	Springfield MO	245	C&W
1150	Es	98.5	WGNB-	Panama City FL	800	mx and wx; nx
1155		94.9	WLOY-	Tampa-St Petersburg FL	1050	rock mx

Jun 26

0110	Tr	103.3	KMOX-	St Louis MO	445	psa, id, mx
------	----	-------	-------	-------------	-----	-------------

Jun 28

0843	Tr	102.9	KDTX	Dallas TX	260	religious programs
------	----	-------	------	-----------	-----	--------------------

Jul 2

0403	Tr	93.7	KISR	Fort Smith AR	190	rock mx
------	----	------	------	---------------	-----	---------

Jul 5

0606	Tr	95.9	KRBB	Salisaw OK	180	PSA; nx 0610
------	----	------	------	------------	-----	--------------

Mike Bugaj 1658 West Catalpa Drive #7 Anaheim, California 92801

Here are my loggings thus far for 1973. All times are PDT. My rx is a Kenwood 7001 tuner with a Finco FM4G up about 30 feet.

5/14: KSUL 90.1 Long Beach CA 2115 new station operating from 1200 to 2200 daily from Cal State Long Beach... 5/25 Es 2030-2130 but only to ch. 4. 5/25 Es KWPT 102.1 Fort Worth 1305 id jingle and Elvis, KAFM 92.5 Dallas 1310 ID, lcl spots and rock, KLEA 107.1 Lovington NM 1330 4d in mono, KVIL 103.7 Dallas 1333 rock, KOAX 105.3 Dallas 1318 id "Stereo 105", KDTX 102.9 Dallas 1323 Gospel mx, also unids on 98.3, 104.5 and 101.5 6/1 Es 1800 ch 2 only. 6/3 Es KPFT 90.1 Houston 1110 "Pacifica radio" and lcl psas and jazz show, KTOD 101.5 Sinto Tex 1100 all SS prgms w/EE id, KOUL 103.3 Sinton 1045 cw prgms and id, KITY 92.9 San Antonio 1110 mor "Kitty" id. Also unids on 98.5, 89.5, 92.5, 93.7 and Astros BB 92.1 at 1140. 6/4 Es from N.E. My wife logged KBGN 94.1

September 1973

WESTERN FM DX

Caldwell, Ida 1600. 6/5 Es KCOO 98.1 Lawton Okla 0740 c/w mx, KLAW 101.5 Lawton OK 0743
 KTEH 95.3 Ada, OK 0745 rock, KDNW 94.1 Amarillo 0747 Solid Gold, KJAK 100.5 Oklahoma City
 0750 c/w mx id, KOPM 104.1 Oklahoma City 0755 rock id, KGOY 104.9 Bethany OK 0755 rel.
 pgn and id, KGSC 90.1 Edmond OK 0801 id nx, wx. Also unids r&b 98.9 0758, 97.7 Mutual
 nx 0759. 6/12 Es up to ch 5. 1845-2130. 6/18 Es ch 2 1230. 6/20 Es to ch 4 1000-1315.
 6/24 Es KCMW 90.9 Warrensburg MO 2012 "Montage" rock, KJMW 89.1 Wichita KS 2034 id and
 spot for their prgm guides (only 220w). Unids on 89.3 (cl mx), 94.9 & Tony Bennet. 6/25
 Es KROB 98.5 Council Bluffs Iowa 1223 rock, mono, KJDL 98.1 Kansas City 1232 nx, wx, id,
 KWBE 92.9 Beatrice, Nebx mx in § and spot for Omaha Mobile Home Brokers. What is the call
 for this one? (KOOO -ed.) Also lots of unids. 7/2 GW KAVR 102.3 Apple Valley CA 1230 id
 // KAVR 960 in mono. Lcl KJLH 102.3 off all day. 80 mi.

7/11 Es ch 2 only 1730. 7/15 tropo KRGV 101.9 Las Vegas. 0145 spot for slot
 machine technicians for Nevada gaming schools. 220 mi. I have been after these guys
 for months but never enough info for a definite id. KRGV is rock. 7/15 noted KTYM-
 103.9 is now KAGE and is § w/seal mx. 7/16 tropo KDB-93.7 Santa Barbara 1215 "beautiful
 mx in §" KFIG 101.1 Fresno 0130 ids and rock mx in while KRTH was off, strong enough to
 break into §. 220 mi. Total logged now stands at 129. Best Es distance this summer was
 KCMW 90.9 at roughly 1380 mi. KPFT 90.1 next best at 1340 mi. If you are planning to be
 in the Los-Angeles-Orange County areas and would like to sample our local dx conditions,
 call me at 714-772-5724 weekends. 73.

Pat Dyer 5315 Silvertip Drive San Antonio, Texas 78228

Equipment: Wards 62-1 with 30 ft indoor random wire; Allied 426 with Archer V-100 at 20
 feet; sometimes SX-62 with indoor wire/V-100. The 426 is used mostly for 88-92 mhz area.

- Jul 3: 2100 tent WCAL-FM 89.3 Northfield MN (1040 mi) ex mx
 2108 KSJR 90.1 Collegeville MN (1090 mi) id
 tent KSJN 91.1 Minneapolis MN (1065 mi) //KSJR
 2113 unid 88.3
- Jul 4: 0742 KAMC 94.9 Arlington TX (245 mi) local ads; spotty Es 88-92 region
 0813 WDUQ 90.5 Pittsburgh PA (1260 mi) paa's id
 0825 WSIP-FM 98.9 Paintsville KY (1060 mi) area ads; c&w
 0829 KBCS 96.3 Fort Worth TX (240 mi) id c&w
 0830 KNUS 98.7 Dallas TX (250 mi tr) id, rock
 0832 WOAY-FM 94.1 Oak Hill WV (1140 mi) local ads
 0901 KBLT 94.5 Harlingen TX (235 mi tr) auto MOR
 0903 KQXX 98.5 McAllen TX (220 mi) tr, local ad
 0907 tent XET-FM 94.1 Monterrey NL Mexico Spanish (270 mi); more spotty Es in
 88-92 mhz to 0935
 1015 unid 89.3 with SC wx, if WSCI off, then maybe WSBF Clemson
 1024 WSCI 89.3 Charleston SC (1105 mi) s/on anncts, soon out
- Jul 7: 1255 brief 89.1 Es
 1723 tent KBYU 88.9 Provo UT (1030 mi)
 1733 tent KALL-FM 94.1 Salt Lake City UT (1055 mi) el
 tent KOPX-FM 98.7 Salt Lake City UT rock
 1750 tent WCAL-FM 89.3 Northfield MN (1040 mi); tent KSJN 91.1 Minneapolis (1065)
 1756 KRKE 88.1 Cedar Falls IA (930 mi) nx, id; vy spotty FM ch 2 - 5 often in vvw
 2001 KBMR-FM 94.5 Bismarck ND (1160 mi) Twins BC in again 2040 2145
 2003 KSTP-FM 94.5 Minneapolis MN (1065 mi) tent el
 2007 tent KSJR 90.1 Collegeville MN (1090 mi) ex mx
 2015 KNUS 98.7 Dallas TX (250 mi) trop id
 2030 tent KKLS-FM 93.9 Rapid City SD (11005 mi) mor
 brief 89.9 Es -perhaps WJGT-FM Jacksonville FL (1000 mi)
- Jul 9: 1135 unids 88.7 and 90.3 vy spotty to 1155 likely FL
 1615 "Radio Fabulosa" 88.8 Guatemala City Guatemala 1120 mi nx
 1632 XHM-FM 88.9 Mexico City DF, Mexico (690 mi) slogan ID "Un oasis en FM" Mor el
 1640 XEBS-FM 89.7 Mexico City DF Mexico (690 mi) slogan id "La Chica Musical"
 1643 XELA-FM 98.5 Mexico City DF Mexico (690 mi) id call, slogan "Buena Musica"
 (implied maf 123 mhz)
 all FM out by 1648. It had been a long while since an opening (even on TV) to
 Latin America. The Mexico FM stations with frequent id made a contrast to the
 many 88-92 mhz US unids earlier in the day.
- Jul 12: trop to south.
 0925 KBLT 94.5 Harlingen TX (235 mi) local ads, MOR auto
 0930 KQXX 98.5 McAllen Tx (220 mi) wx id, el mor
 0938 KBFM 104.1 Edinburgh T^A (215 mi) id, local ads, el
- Jul 13: trop into Houston area vy strong with most signals pinning meter. An afternoon

visit from Glenn Hauser and his IPA unit were very convincing, particularly its effects on the SX-62 sensitivity.

- Jul 16: 1940 Radio Fabulosa, 88.8 Guatemala City, Guatemala (1120 mi) id speeches 2001
1955 "Radio Mundial" 98.6 Guatemala City, Guatemala (1120 mi) //88.8 at 2001
1959 "Radio Centroamericana" 94.9 Guatemala City //88.8, 98.6 at 2001; 2002
tent "R. Fabustero" Guatemala 88.1 el.
2015 88.8 getting vry spotty
2040 XHRA 89.1 Guadalajara, Jalisco, Mexico (660 mi); English ads, el (implied
maf apx 115 mhz)
2105 XHM 88.9 Mexico City DF Mexico (690 mi) el slogan "Un oasis..." later full
tent XEBS-FM 89.7 Cuernavaca, Morelos, Mexico (725 mi)
2110 XHCM 88.5 Cuernavaca, Morelos, Mexico (725 mi) id as "Radio Concierto
Moderne";
all spotty by 2130 and out by 2140
Jul 19: 1000 WRAS 88.5 Atlanta GA (875 mi) id, nx, soon f/out
Jul 27: 0920 WRNS 95.1 Kinston NC (1270 mi) local ads, c&w
0932 WQDR 94.7 Raleigh NC (1225 mi) id, \$ roek, solid to 0943
1058 WMBW 88.9 Chattanooga Tn (870 mi) religious pgm, id
WDYN 89.7, ditto
1106 KELT 94.5 Harlingen TX (235 mi) ads, in passing
Jul 28: a rather early Es opening looking like a re-run of the 27th.
0725 trop KAMC 94.9 Arlington TX (245 mi) roek, id
0727 WRNS 95.1 Kinston NC (1270 mi) c&w, local ads, id
0732 trop KQXX 98.5 McAllen TX (220 mi) wx, id; many Houston area stations
clogging up channels with likely Es on them.
0739 trop KSCS 96.3 Fort Worth TX (240 mi) c&w id, "Metroplex Country"
0741 WMBW 88.9 Chattanooga TN (870 mi) cx, mx; id
Aug 4: 1828 KBYU 88.9 Provo UT (1030 mi) nx, id; in te apx 1835
Aug 5: 1759 WFNE-FM 89.3 Green Bay WI (1150 mi) id
WHA-FM, 88.7 Madison WI (1035 mi) id
1801 WJVM 94.3 Sterling IL (950 mi) id, wx

With the upcoming Perseid meteor shower I will try for some loggings on (or near) our local channels that go off for a few hours. Late July and some of August looked like it would be a good shower.

Old tentative loggings verified by stations concerned:

- 4 June, 1315, KVEG-FM 92.3 Las Vegas NV (1050) psa's
5 June, 1117, WLRN-FM 91.3 Miami FL (1140) Spanish lessons
1931, KCUE-FM 105.5 Red Wing MN (1050) nx for e. Mirm.
6 June, 0955 KROC FM, 106.9 Rochester MN (1020) ads

Also, June 5, 2039, WSON-FM, 105.1 Salem, OH (1245 mi) Pirate baseball found in re-check of raw log data.

I'd hoped (and still do) that I will be able to get over the 500 station count before the season ends. Need only ten more. There ought to be a few more substantial Es openings in August to come yet.

I have some international crystal preamp kits to use on SX-62, but have yet been able to properly check them out. Also in process of building a tunable FM trap for use on 426 set to cut the local overload cross-modulation problem on it. Hope to have results by next report. 73.

Bill Frahm 4415 Edgemont Street Boise, Idaho 83704

Here's some of that "new blood" that you asked for. This is my first report. My equipment consists of a Hallcrafters S-55 AM-FM (circa 1948) and an 80-65 with pre-amp at 31 feet, on a rotor (Radio Shack). I don't know what my totals are because my logs are temporarily fouled up! Es has been somewhat sparse compared to last year, which I don't understand. Oh, well, maybe next month. All Es unless noted. All new loggings unless noted. All times MDT.

- 5/24: 0846 KOES 102.3 Eufaula OK cw; 0852 KXXY 96.1 Oklahoma City OK rr (ex-KOCY).
0853 KSPF 93.9 Stillwater OK, local ads. 0856 KRBB 95.9 Salisaw OK, local ads; 0901
KINB 107.3 Poteau OK, into nx; 0904 KKMA 104.5 Pryor OK, cw with distortion, local ads.
0905 KVRO 105.5 Stillwater OK and CBS nx into rr. 0910 KTGS 100.1 Bartlesville OK, id
into cw. 0911 KWHP 97.7 Edmond OK, rr id over local KBOI-FM 97.9. 1058 tent KNBO 95.9
New Boston, TX, partial id "Voice of the Arkansas Valley." 1110 KWBW 102.9 Hutchinson
KS ids and ads. 5/25: 2331 KFSG 96.3 Los Angeles CA, id religious, heavy fading.
5/26: 0022 KLRO 94.7 San Diego CA (re-log), Gospel program; 5/30: 1600 WCOU 97.1 Sparta
WI wx, a "mini opening." 6/4: 1840 KAIR 94.9 Phoenix AZ, easy listening mx, id. 1844
KISM 92.9 Bellingham WA (ex-KVGM) 410 mi rr, id, & local ad. 1845 (re-log) CKLG 99.3
Vancouver BC progressive rr (first heard via auroral) (re-log)... 1856 KBIQ 105.3

Edmonds, WA, id into easy listening mx. 1901 KDOT 100.7 Scottsdale AZ nx (re-log); 2127 (re-log) KLRO 94.7 San Diego CA. 2131 KARL 95.9 Carlsbad CA (re-log) rr. 2133 XHRM 99.3 Tijuana BC, espanol ID. 2139:30 KSFC 88.7 Claremont CA, id, very weak... 2145 KXTZ 104.3 Los Angeles CA, mor id. 2146 KIQQ 100.3 Los Angeles CA, progressive rr. 2147 KLOS 95.5 Los Angeles CA rr. 2147:30 KMET Los Angeles CA. KLAG sports brief, then into rr. 2201 KOSN 88.5 Northridge CA, black talk show (ex-KEDC). 6/5: 2005 KMCQ (not WMBQ) 93.7 Shreveport LA, easy listening, id, taped. 2014 WBYU 95.7 New Orleans, el mx, id in strong and clear. 2131 (re-log) KROK 94.5 Shreveport, LA singing id, rr, live? (I believe it is Richard Wood who says, no.--ed.)

6/9: 1231 (re-log) KRPM 95.5 Phoenix AZ, el. 1547 KMAC 94.9 Arlington TX (re-log) rr. 1551 KMWT 95.9 Mineral Wells TX (re-log). 1617 KBIM 94.9 Roswell NM, el \$ (re-log). 1709 KSGS 96.3 Fort Worth TX, id (ex-WBAP-). 1733 KBMF 98.3 Spearman TX, id. 6/10: 2030 WBEV 95.3 Beaver Dam WI, nx, id. 2031 WTMB Tomah WI, wx. 2049 WRIG 101.9 Wausau WI, el. 2050 WWIB 103.7 Ladysmith WI, gospel. 2057 KTCR 97.1 Minneapolis MN, cw. 2100 KRPO 104.9 Owatonna MN, gospel. 2100:15 KROC 106.7 Rochester, MN, id, rr. 2102 WSPJ 95.9 LaCrosse WI, id. 2102 (re-log) KWAT 96.1 Watertown SD, id rr. 2104 WGBM 102.3 Viroqua WI, caught tail end of s/off, gave xmtr location. 2108 KNXR 97.5 Rochester MN, el.

6/10: 2110 KPIL 103.1 Preston MN, id mor, mx. 2110 WMT 96.5 Cedar Rapids, Iowa, id mor mx. 2116 WLYE 94.9 Baraboo WI, ads for Madison and Baraboo. 2122 (re-log) KKLS 93.9 Rapid City SD rr (previously heard on auroral). 2122 WFLA 93.3 LaCrosse WI, el id (re-log). 2129 KLIJ 95.7 Brainerd MN, id. 2131 WBNS 97.1 Columbus OH (new state) wx, id, weak signal. 2131 KISS 106.1 Mason City, IA, id. 2137 (re-log) KNUJ 93.1 New Ulm, MN, id. 2146 WHWC 88.3 Colfax WI, s/off. 2149 (re-log) KLLL 96.3 Lubbock TX (multiple clouds) singing id into cw. 2153 WMOT 89.5 Murfreesboro TN, rock prgrm promo, id, in clear. 2243 KPMG 94.9 Des Moines, Iowa, rr.

6/24: 2104 KDLK 94.3 Del Rio TX s/off. 2113 XHPL 98.5 Ciudad Acuna, Coah., ads for Del Rio in SS. 2114 XHRE 97.3 Piedras Negras, Coah., el. 2128 XHPL 98.5 (again) with ads in EE for Del Rio. 2203 XHNOE 93.7 Nuevo Laredo, Tams, id ins.

6/26: 1918 KCHP 93.9 Sioux Falls SD, id. 1919 (re-log) KDHL 95.9 Fairbault MN, ad for Cannon Falls. 2019 (re-log) KEYC 99.1 Mankato MN, local ad. 2048 KEPC 95.5 Waco TX, rr. 2055 KRLY 93.7 Houston TX, id rr. 2056 KLEF 94.5 Houston TX, classical local ads. 2100 KTBC 93.7 Austin TX (re-log) mor. 7/3: 1941 KTTT 93.5 Columbus NE, rr. 1946 KGBI 100.7 Omaha NE gospel prgm. 1951 KIFG 95.3 Iowa Falls IA, partial id taped.

7/7: tropo 1500 GJAT Trail BC, 106.7, singing id, then into mx (re-log). 7/8: 1309 KGRC 92.9 Hannibal MO, rr 1345. KOIL 96.1 Omaha NE, ads for Omaha (re-log). 1319 KIOA 93.3 Des Moines IA, singing id, rr. 1320 KIMI 97.3 Des Moines IA, gospel prgmng. 2057 tropo KPTL-FM 97.3 Carson City NV, id. 2201 tropo. KUPL 98.5 Portland OR, el (ex-KPOK). (Ed. note: according to both Elving and Hauser, XHRE is 97.3.)

Glenn Hauser

Von Ormy, Texas

(6-19 July)

(CST)

After a farewell opening from Middle America, the Von Ormy DX days came to an end. I leave it to southern colleagues to dig out ids on 88.18 and 88.33 mhz. I can now be found in Stillwater, OK, involved in KOSU-91.7's classical music programming, and in graduate school. Despite deliberately handicapping myself with a noisy city location, antennas may yet spring, almost unbidden, from my roof like toadstools; thereafter the DX will no doubt flow down the cables, flooding my rooms, demanding my attention...

7/7

0928 89.9 WJCT- Jacksonville FL f/in cl;
0936 id, some Es all day on TV, but busy.
0928 91.5 WFSU- Tallahassee FL "Public rdo"
0928 89.1 WYFL Jacksonville FL, id "Family
Life & Family Living"
2033 89.3 WCAJ- Northfield MN Eliz. mx; SD
on TV
0907 89.9 WJCT- Jacksonville FL cl; 1100
Kent Concert
1053 89.1 WYFL Jacksonville FL mor; 214
drug abuse psa, id
1053 92.3 WDBO- Orlando FL el; 1158 nx
1147 91.3 WOUB- Athens OH Columbus/Athens
wx
1150 94.1 Gw KBPO Beaumont TX 1000 Hz tone;
1154 finally id, prob. another of its freqnet
automation foulups.
1159 93.5 Es WGLT Vero Beach FL mor 1201
Oceanfront Home ad in V.B., id. Capsule Cast

w/local actualities

1204 95.1 WJAX Jacksonville FL NBC nx; 1205
Jax wx, id jingle.
1359 91.7 WHRS Boynton Beach FL, mx, area TV
and FMs in.
1405 89.7 WMCU Miami FL, id, stay tuned h40
min, \$ mx
1406 91.3 WLRN Miami FL, jazz east
1408 93.1 WTMJ- Miami FL, pop mx
1408 93.3 WFLA- Tampa FL, pop mx
1409 93.9 WBUS Miami FL, rock/soul
1409 94.9 WOCN- Miami Beach FL el
1613 89.985 YSU- San Salvador ES novela,
1614 detergent ad; 1624 DJ w/strange accent in
SS, CST TC, reverb. 1652 trace; 1735 measured
same strange SS, dialog.
1614 88.785 TGRT- Guatemala, Guatemala phon
quality report from Managua; jingle Fabucadena
id, musica mexicana; 1655 back w/ads; 1705
measured; 1711 it and Fab \$ only in; 1752 back

soon gone
 1620 88.365 TG - Guatemala, Guatemala, Fabuasterco measured on new customary frequency; 1705 noted mx; 1711 mostly out; 1752 in, out
 1639 89.685 XEBS- Mexico DF full id, "La Chica Musical," measured US pop mx.
 1641 88.47 XHOM Cuernavaca, Mor LA, SS beat; measured; 1644 full id w/call, "R. Concierto Moderno," ads; new state

1652 YSR- San Salvador ES trace along w/ 89.98, 1658 id, 1702 "feliz No Cumpleanos" promo; 1735 US pop mx.
 1658 88.7x HRLP- Tegucigalpa, Honduras 1207
 2336 95.38 trope XHOX Tampico, Tams, el S measured; 0006 id; 0150 still; Merida also in on TV but 97.7 blocked by KFUP 1607
 FM antenna taken down.

End of Von Ormy DX era. Until the next, 73, Glenn.
 (Ed. note: When the history of FM DXing is written, Glenn will get at least one chapter. Good work. Too bad you can't make money at this, Glenn.)
 (Ed. note: Glenn writes from KOSU-FM at Stillwater OK...)

"... minimal equipment with fund lack requiring such omissions as a limiter, etc. ..ear grating level changes. I'm assistant music director, and expect to be handling much of the classical programming and announcing, but I haven't really gotten to work yet, as I have the rest of this week (July 31-ed.) to get settled. Movers haven't delivered my equipment yet, and after that it will take a while to get set up again. I've deliberately handicapped myself with a city location, to encourage more study time, and less WUD space, hi hi. Yes, am also in grad school in mass communications.

"I'm not sure that I agree that 13pp is entirely too much. It merely reflects the large amount of activity going on in the "West," not only by myself, but by others..."

"I sincerely hope I am setting an example of what DX one can grasp when applying oneself to it, rather than 'intimidating' less experienced members!"

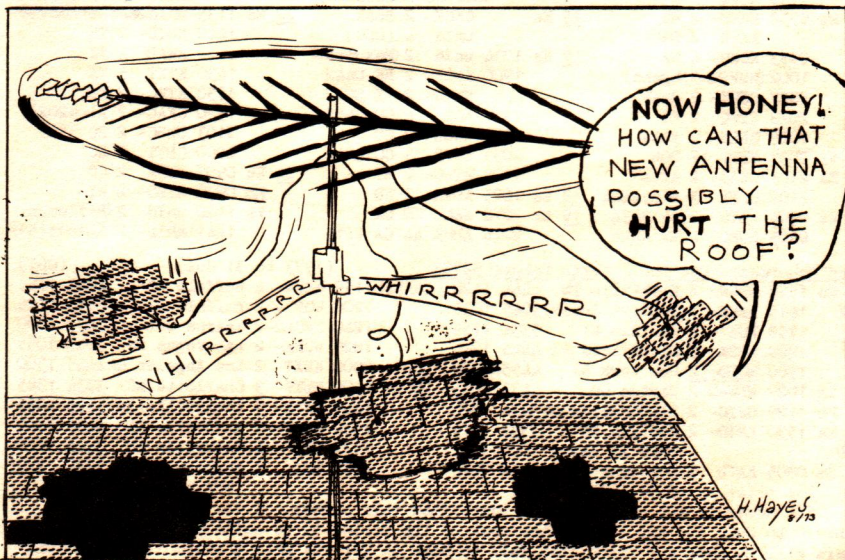
Fred McCormack

Des Lacs, ND 58733

May-July 1973

ODT

I have very little DX to rpt this summer. I was unable to DX between June 10 and July 15 and was restricted to weekends during the rest of the period. The first Es was noted on 6-3. First heard was KIKK-95.7 Houston at 1715 w/cw. At 1740, KLYX-102.1 Clear Lake City TX was heard, followed at 1750 by KOB3- 104.5 Orange TX with rock and "Sounds in the Night," at 1800. The last station was identified as KLCL-99.5 Lake Charles LA, heard w/editorial. E skip was also very good on 7-28 for a short period with numerous northern Alabama stations being heard with local ads. However, due to only loggingstns heard with call letters, I have only WQLT-107.3 Florence AL at 1600 with rock and then \$107 mx. I ended last summer with 492 stations and thought 500 would be easy, but at this rate I might not make it in 1973. 73.



Joseph A. Markewicz, 1394 Elgin Ave. W, Winnipeg, Manitoba R3E 1B6 (31 May - 19 Jul) (CDT)

31 Es 1045 unids 2,3,4 7 Es 0112 unid 3 (id slide showed (9)Es; 2000 WSJK- 2 TN
 1 GW 0600 CKY - 7 Man 1035 unids 2,3 KCC? Ch19) 2000 WPMY- 2 NC
 Jun Winnipeg (95mi) 1100 KTWO- 2 WY KXJB- 4 ND 2001 ?(TV-2"Id)
 (newcall; 0135 s/ 1200 KJAC 4 TX (u/CBWT2) (MUF 107-OH)
 off shows Ch4 re- KGNC- 4 TX WDAY- 6 ND 2130 KDKA- 2 PA
 mains CJAY-2-TV) (u/CBWT) WLW-D 2 OH
 Es 1500 unids 2,3 (MUF 107-OK, TX) KFYR- 5 ND 2200 WLW-C 4 OH
 2 Es 1100 unid 2 1300 WKY - 4 OK (CCIw/CKX-5) 10 Es 1200 unids 2-6
 2 Es 1115 unid 2 1301 KMID- 2 TX 24 (to Winnipeg, then (MUF 107.9-VA, OH)
 2000 unid 2 1700 2,3 still in use to Ill des Chenes, Man. 1100 ? ("TV-2" Id
 6 Es 1100 KMID- 2 TX 8 Es 1500 unids 2,3 using 1972 19" Electro- diff. from other)
 (5555 1370) 1900 (MUF 92) Home colour set connect- (WMAR-Balt? dpa)
 1105 unids 3,4 1911 KTEW 2 OK ed to all band antenna) 1101 WSWA- 3 VA
 1200 KFDX- 3 TX 2100 (MUF ch3) 25 Es 0815 unids 2,3,6 1200 ("TV-2" CBS)
 Wich. Falls (1170) 2300 (MUF ch5) 0830 (MUF 96MHz) 1215 (out)
 (thru CBWFT) 9 Es 0030 (MUF ch2) (0850: left; missed 2110 unids 2,3
 1201 KGNC- 4 TX 1100 unid 2 some good stuff? 11 tr excellent ducting
 (o/CBWT2)(1060) 10 Es 1030 unid 2 -to near Rosseau MN starting from Minot ND
 1205 WWL - 4 LA 2115 (MUF ch5) 1600 unids 2-5 went thru Bismarck & S
 1210 KAUZ- 6 TX 2130 KBOI- 2 ID 2000 WATE 4 PA to Aberdeen & Sioux Falls
 Wich. Falls (1170) 2145 (MUF 108, WRC - 4 DC SD, maybe even Iowa)
 (CBWT was obliterated at times) MS)(tr to MN) 2030 KDKA- 2 PA 0800 KXMC-13 ND
 1231 WATE 6 TN 2200 WBAF- 5 TX 2058 WLW-D 2 OH Minot (5555)
 Knoxville (tent) KXTX 5 TX 2100 WLW-C 4 OH 0801 KMOT-10 ND
 1235 (MUF 90MHz) Lubbock (tp) 26 Es 0030 unids 2,3 Minot (5555)
 1243 (MUF 108MHz) 11 Es 0130 CFAC- 2 Alta (back in Winnipeg) 0840 KXMB-12 ND
 (TX, OK) 0140 CFCN- 4 Alta 1035 unids 2,4 0900 KCND-12 ND
 1250 KDFW- 4 TX 0200 KREM- 2 WA 27 GW 0130 CKY - 7 Man 1130 KATU 2 OR Pembina (5555)
 (1270) (s/off; said Ch4 CJTV or CJAY-TV?) 0910 KTHI-11 ND
 1430 (left; returned 0224 KXLY- 4 WA (back in McElheran) Fargo (5555)
 1635 MUP108MHz) (all WA 5555) Es 1005 unids 2-4 Vly City (5555)
 (TN, KY) 0330 KXLY- 4 WA 28 tr 0125 unid 6 (all ND 5555 all day)
 1640 WDCN- 2 TN (still 5555) Es 0845 unid 2 Es 1000 unid 2
 1643 WSM - 4 TN 12 Es 0055 unid 3 Es 1025 unid 3 1030 WMAH- 2 MD
 1930 WSM - 4 TN 14 Es 1145 CFAC- 2 Alta 1025 unid 3 1100 KDKA- 2 PA
 1931 WLAC- 5 TN 15 Es 1930 KTEW 2 OK 1300 unid 4 WTAE- 4 FA
 (all TN 1150mi) (5555) (out 1330) KYW-? 3 FA
 1958 KBOI- 2 ID 2000 (MUF to ch5) Jul (back in Winnipeg) tr 1120 KCOO- 9 SD
 (only one not 2005 (MUF 90.1) 2 Es 1800 unid 2 (vg, f/out1310)
 from east)(1050) 2025 (MUF ch 2) 3 Es 1800 unid 2 1150 KS00-13 SD
 2055 WDCN- 2 TN 16 Es 0100 unids 2-5 4 Es 1000 unid 2 (poor, out1245)
 2058 WDAF- 4 MO 1900 unid 2 7 Es 1115 unids 2,3 1232 KUSD-72 SD
 2100 KMOX- 4 MO (910) 18 Es 1600 unid 2 (to Camp Morton): 1236 KCAU-29 IA
 (Flintstones) 8 Es 0930 KMID- 2 TX 1241 WMT-? 2 IA
 2130 WMET? 5 TN 1730 KMID- 2 TX (5555, Es in all day) (many other unids)
 Memphis (tent.) 20 (to McElheran, Man) tr 0935 unid 6 Es 2010 unid 2
 2130 KSD - 5 MO 22 Es 2028 WPMY- 2 NC (not WDAY) 12 (back in Winnipeg)
 2133 WRGB 2 TN tr 2100 KXMC?13 ND (good FM tropo) Es 0800 unid 2
 (thru CBWFT) 23 Es 1030 unids 2,3 Es 1000 unid 5 (back to Camp Morton)
 2158 WREC- 3 TN tr 1035 KMOT-10 ND Es 1800 unid 4 Es 2100 unid 3
 Memphis Minot (3443) 1900-2200 (all 2130 unids 2,3
 2200 WSB - 2 GA (bombed CBWFT-10out) alone) WLBZ- 2 ME 13 tr 1000 unid 2
 tr 2400 CBWCT 5 Ont KXMC?13 ND Bangor (4444) Es 1815 unid 2
 Ft. Frances (5ki) 24 Es 0920 unids 2,3 (new state) 1930 WSBH- 2 FL
 CBWMT 10 Man tr all day WDAZ- 8 ND 2035-2215 (5555) (new state)
 Wabowden (5 M) (5555) CBFT 2 FQ 2000 WSB - 2 GA
 CBWJT 13 Ont KTHI 11 NE 2200 WGR - 2 NY 14 tr 0120 CJTV- 4
 Ear Falls (5 M) (4445) 9 Es 1715 unid 2 Brandon Man
 (CBW-Ts relay CBWT 6) 1930 WPMY- 2 NC (s/off)
 1930 ch3; 1935 ch4

Les Frus, 1615 Pierre, Manhattan, Kansas 66502 (7-31 Jul, plus earlier update) (CDT)

Update- newly Ided loggings: #1(X)Es 0045 KID - 3 ID prev. CFTO record.)
 14 Es 1835 WCYB- 5 (new-tent) 0105 KRIV 3 MT VAFI at 0211: 4455.)
 23 Es 1515 WTIC- 3 CT 0108 KTVQ 2 MT 0220 KTVO 3 MO
 1608 WJIM- 6 MI 0115 KTYM 6 0515 KTEW 2 OK
 1825 delete WAGA-5 (error; 0130 KHQ - 6 WA (Duct was along weak
 substitute WKRG-5 AL) 21 Es 1824 WGR - 2 NY cold front from KS to
 1850 WEAR- 3 FL Jul 5 tropo noted last column Great Lakes area,
 1900 WKRG- 5 AL (VHF-UHF KS-NE-MO) ranged according to 2230 wx
 Jun 2 Es 1844 KARK- 4 AR N-T under 250 miles easterly) report Sat. night.)
 6 Es 1355 KPBB- 5 MT 8 tr 0125 KCRG 9 IA 23 Es 1000 WSYR- 3 NY
 10 Es 2222 KBOI- 2 ID 0155 KMOX- 4 MO 27 Es 1430 WGBH- 2 MA
 KHQ - 6 WA 0200 WOW- .6 NE tr 2245 KCPT-19 KCBJ-17
 2236 KTVQ 2 MT 0205 KTEW 2 OK (all-nite flicks KBMA-41 MO.
 KHQ - 6 WA Sat.nite/Sun.a.m.) KOMU-8 KMOS-6 MO
 2255 KXLF- 4 MT 0210 CFTO- 9 Toronto 2340 KDNL-30 St.Louis
 2300 KRTV 3 MT (Duct, in apx 4 min. (350mi)very weak
 KTVQ 2 MT Movie end, Id(photo) 0100 T-storms moved in
 2318 KXLF- 4 MT begin sermonette & broke things up
 2345 KRTV 3 MT "Focus," fade 0212, 28 Es 1100-1130
 KPBB- 5 MT 0214 back briefly w/ CBFT 2 PQ (solid)
 11 Es 0020 KOMO- 4 WA (new) 3/4 CB. 930mi(double) 1245 WGBH- 2 MA
 0030 KLEW- 3 ID(WA) 1300 WCAX 3

Es was definitely sporadic in July--I guess minor openings are all that can be expected till '74, though I hope I'm wrong. Best of whatever DX remains.

(Les sent information about some weather forecast maps which Ron LeBlanc sent him. These are long-range weather maps of the U.S., one for each day, in each monthly issue of The AOPA Pilot magazine. For instance, the June maps are in the May issue. Much severe weather such as thunderstorms was discussed for June and early July, but there was little of that in contrast in the second half of July. As it turned out, Es seemed to follow the same trend, with relatively little skip as July wore on. Perhaps these maps could be a useful aid with Es trends, and possibly for tropo, too. dps)

Richard Noel Allen, Billings, Oklahoma 74630 (13 Jun - 31 Jul) (CST)

Receiver: 1969 model Philco-Ford 12-inch black-and-white

Antennas: Winegard 11-el. log-periodic VHF & Archer 40-el. log-periodic UHF

13 Es 1629 KDKA- 2 Pittsburgh PA 1160	11 Es 1450 XEW - 2 Mexico DF 1175
1855 WEDU 3 Tampa FL T1050	(Noticiario Infantil; 1500 Plaza Sesame)
15 tr 2020 KGKT 2 Great Bend KS 170	1505 XEZ - 3 Zamorano Qro 1100
2118 WIBW 13 Topeka KS 190	(Plaza Sesame; 1600 Esmeralda)
2123 KPTS 8 Hutchinson KS 115	14 tr 1150 KFDX- 3 Wichita Falls TX 190
(s/off 2130)	16 Es 1716 XEW - 2 Mexico DF 1175
17 tr 0930 K MID- 2 Midland TX 420	2100 KNXT 2 Los Angeles CA 1190
1020 KTXS 12 Sweetwater TX 320	18 tr 2131 KLTV 7 Tyler TX 320
24 Es 2105 KORK- 3 Las Vegas NV 980	19 tr 0107 WBAP- 5 Fort Worth TX (tp) 255
25 tr 0514 KTHV 11 Little Rock AR (tp) 295	22 Es 1100 WPMY- 2 Greensboro NC 1000
Es 0858 CBWFT 3 Winnipeg Man 930	1107 WSJK 2 Sneedville TN ?
(CBC tp & CB w/digital clock)	24 Es 1445 CKPR- 2 Thunder Bay Ont 920
0900 CKCK- 2 Regina Sask 1020	25 Es 1030 WGR - 2 Buffalo NY 1080
Jul 2 Es 2155 KTVQ 2 Billings MT 860	26 tr 0615 KOAM- 7 Pittsburg KS 200
2234 KRTV 3 Great Falls MT 1040	0628 WIBW-13 Topeka KS 190
7 Es 1859 KTWO- 2 Casper WY 650	1657 KUHI 16 Joplin MO 180
2000 KUTV 2 Salt Lake City UT 840	27 tr 0620 KUPK 13 Garden City KS 205
2032 KWGN 2 Denver CO 480	0624 KGLD 11 Garden City KS 205
8 Es 0850 CKOS- 3 Yorkton Sask 1040	0705 KGTO 36 Fayetteville AR 195
(CCI: CBWFT)	2042 KTSE 27 Topeka KS 190
1100 KRTV 3 Great Falls MT 1040	2101 KMTG 27 Springfield MO 250
10 Es 1745 WPMY- 2 Greensboro NC 1000	28 Es 0725 WEDU 3 Tampa FL 1050
	31 tr 0630 KODE 13 Joplin MO 180

My mystery CKFA-TV 2 was actually CKFR-TV Thunder Bay, Ontario, as verified by the station. (Richard's report continued on next page.)

Added a UHF antenna on 26 July after receiving KUHI 16 Joplin with my VHF aerial. That afternoon, I went shopping for a UHF antenna while in Enid. The Radio Shack store had one, an Archer 40-element log-periodic, and I purchased it. The sales clerks could not believe that someone was buying their "white elephant." I now have the only UHF antenna for miles around. Although there is a UHF station in Oklahoma City, 65 miles away, apparently nobody watches it. KOKH-TV 25 is operated during the school term by the Oklahoma City Public Schools.

My regular UHF stations at the moment are KUHI 16, and a Kansas translator near ch. 70 relaying KTVH 12 Wichita. I have received a number of translators from north-western Oklahoma relaying stations from Oklahoma City (WKY, KOCO & KWTV). How does one identify these translators?? (Lists of such stations are the best way, Richard. But contact Glenn Hauser—he knows the situation best in your area. dps)
 Until next month, good DX & 73s.

Glenn Hauser, Box 300, Von Ormy, Texas 78073 (finis) (1-18 Jul) (CST)
 (now:) 1312 W. Oak, Enid, Oklahoma 73701 (20-30 Jul) (CST)

The Von Ormy era appears to be over, as I couldn't persuade Pat Dyer to move out there, hi. My antennas came down on 16 July in preparation for a move to Stillwater OK, but only after a double dose of Yucatan tropo, traces of which had never appeared before in 27 months of San Antonio-area activity. (This and a weekful of Es were witnessed by visiting Truk Dyer Bob Bundy.) In months to come I expect some DX activity both from Enid and Stillwater, as time, conditions, and equipment allow.

- 2 Es 1628,1640 2 unIds (9)Es different radio net.) (12)Es 2037 KUSD- 2 SD
- 2106 KTCA- 2 MN 1442 TVN6 3 Cuba tr 2220 XHY - 3 Yuc 805
- 2110 unId 4 Santa Clara (2344pgn:summ,s/off)
- (2114 MUF 94.3 MHz) 2225 XHTP 9 Yuc 805
- 2122 KUSD- 2 SD 1501 YNTC? 2 Nic. (movie; 0030 to CB & off w/out Id)
- 4 Es 0728 WESH-?2 FL (Managua?) T 2228 XHST 13 Yuc N 805
- (0826 MUF 92.1) 1528 XHFM- 2 Ver (1610 net-8 Id) Merida (boxing)
- 0859 WWAY 3 NC 1532 XHY-? 3 Yuc 805 2315 XHAH 8 Ver
- 0859 WCBF- 2 SC (Merida?) T Las Lajas
- 0929 WSB - 2 GA 1611 YNSA- 6 Nic (net-2 //7,9)
- 0950 WSAV- 3 GA Managua(gridtest) 2315 XHPW 9 Tams
- 0959 WEBL- 3 GA 1653 XHTV 4 DF Tampico
- 7 Es 0928 WESH- 2 FL 1654 XEW - 2 DF (2359 Esta Noche)
- (MUF 91.5) (2-Televisa Id) 2350 XHD - 4 Tams
- (Es all day, but busy) 1656 YSR - 2 El Sal Tampico (net-2)
- 1826 WSB - 2 GA (TF; 1704 13 tr 0009 XHX -10 NL Monterrey(net-2)
- 1829 KTCA- 2 MN Plaza Sesamo)
- 1829 KDLO- 3 SD 1703 TGV - 3 Guat. 0012 XHAJ- 5 Ver
- 1859 KDIX- 2 ND (1752 Id w/ Las Lajas
- 1959 WMT - 2 IA ch 10, 8 & 3 relays) 15 Es 0959 KTVI 2 MO
- 1959 KUSD- 2 SD 1741 WISC- 3 WI 1000 KMTV 3 NE
- 2029 KPLO- 6 SD 1748 WMT-? 2 IA 1030 unId 2
- 2030 KOTA- 3 SD 1820 KTVO-?3 MO 16 Von Ormy antennas taken
- 2330 (CCI) 2 1820 WBAV-?2 WI down: FM & 9 in AM;
- 8 Es 1645-1701 2 unId 11 tr 0729 KXIX-19 TX UHF & VHF around noon;
- (1702-2315 I'm away) (Beaumont,etc,also in) following on rabbit ears:
- 2 Es 1052 WESH- 2 FL (tr) 2326 XHY - 3 Yuc (n) 805 Es 2050 YSR-? 2 El Sal
- 1059 WASH- 3 GA Merida 2115 unId 5
- 1159 WLW-D 2 OH (2327 pgn summ, (MUF 88.9)
- 1212 WWAY 3 NC s/off;prev.byEs) 2200 XSW-? 2 DF
- 1238 WTVJ 4 FL 2334 XHTP- 9 Yuc N 805 (2202 net-2 Id)
- 1246 WTHS/WPBT 2 FL Merida Enid OK:
- (1359WTHS Id, WPBT Id) (net-2: 24Horas) 21 Es 0955 WESH- 2 FL
- 1330 WEDU 3 FL 2342 XHX -10 NL 0959 WDIQ 2 AL
- 1400 WPTV 5 FL Monterrey 29 Es 0929 WCBF 2 SC
- 1438 TVN6 6 Cuba (net-2//others) 1100 unId 3
- Habana (Reloj Nacional audio) 2341 XHPW 9 Tams Until the next,
- 1440 TVN2 2 Cuba 12 Es 1900 (CCI) 2 n.w. 73 de Glenn.
- Habana(audio from

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228

(3-30 Jul)

(CST)

Receiver: 1971 model 9-inch Penncrest black-and-white

Antennas: Archer V-100 and 8-bay UHF bow-tie at 20 feet

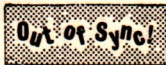
3 Es	1300	WJBK- 2 MI	1205	(8)Es	1759	WBAY- 2 WI	1150	(1) tr	2318	KGBT- 4 TX	235			
		(thenspotty most of afternoon)				1825	WSAV- 3 GA		2338	WBAP- 5 TX	240			
		1718	KUTV 2 UT	1055		1830	WTHS- 2 FL	T1140	2340	XHAB- 7 Tam	T 235			
		1729	KORK- 3 NV	1055		1927	WEDU 3 FL	T 975	12 tr	0830	KVRL 26 TX	185		
		1827	KIID - 3 ID	1190		1958	WESH- 2 FL	1050			KHTV 39 TX	T 185		
		1935	KNKT 2 CA	T1190		1959	WLW-D 2 OH	1050	Es	0928	KORK- 3 NV	1055		
		2055	unIds 2-6	(MUF91.1)		2029	KTVI 2 MO	760			KOAI 2 AZ	T 845		
			(wigg WB/IMG on 50MHz)			2100	WISC- 3 WI	1035			0940	KNXT 2 CA	T1190	
		2059	WDSM- 6 MN	N1200			unIds 2-4				1045	f/out		
			Duluth			2115	apx f/out				(1130-1200	2,3	spotty)	
		2110	KTCA- 2 MN	1065	2 Es	1028	WESH- 2 FL	1050			1345	unIds 2		
			WCCO- 4 MN	T1065		1040	WJXT 4 FL	T1000	Es MS?	1535	WESH- 2 FL	1055		
			KSTP- 5 MN	T1065		1043	WDBO- 6 FL	T1035			(tuned in & rapid f/out)			
		2129	KUSD- 2 SD	880			unIds 2-6	(MUF90.3)			1952	KID - 3 ID	1190	
		2230	apx f/out			1130	WSAV- 3 GA	T1040			1958	KUTV 2 UT	1055	
tr	2323	KFDM- 6 TX	275			1159	WLW-D 2 OH	1050				unIds 2,3	(to 2050	
4 Es	0730	unIds 2-4	(later unids 5,6, MUF98.9)			1259	WCIA 3 IL	925				& spotty 'til 2200)		
tr	0735	KERA-13 TX	T 250			1329	WDIQ 2 AL	735	13 Es	0930	KTVK 3 AZ	T 830		
Es	0801	WLW-D 2 OH	1050			1359	WTHS- 2 AL	1140				unIds 2-5		
	0900	WPMY- 2 NC	1160				WTVJ 4 FL	T1140			(1130-1500, visit from			
	0929	WSB - 2 GA	875				WCIX- 6 FL	1140			Glen Hausher temporarily			
	0959	WSAV- 3 GA	1040			1428	WESH- 2 FL	1050			"borrowed" his IPA unit)			
		WCBD- 2 SC	1105			1440	unIds 2,3	(Sp, Cuba?)			1330	WSAV- 3 GA	T1040	
		WRBL- 3 GA	825			1603	XHPM- 2 Ver T	720				WCBD- 2 SC	T1105	
		1050	apx f/out				XHP - 3 Pue T	700				WDIQ 2 AL	T 735	
tr	1600	KNCT 46 TX	135				TGV - 3 Guat	T1120				1559	WDGN- 2 TN	810
2 Es	0715	KUTV 2 UT	1055			1630	unIds 2-6					1929	KTCA- 2 MN	1065
	2032	KTWO- 2 WY	985				(MUF98.5 to Mex City)					2050	KUSD- 2 SD	880
		KWGN 2 CO	780			1701	YSR - 2 ElSal	1200				2100	unIds 2-5	
	2059	KUTV 2 UT	1055				YSU - 4 ElSal	1200				2101	WMT - 2 IA	915
		to 2120	unIds 2-4			1725	WBAY- 2 WI	1150		tr	2113	KERA-13 TX	T 250	
6 Es	0905	unIds 2-4	(f/out apx 1125)			1740	WISC- 3 WI	1035			2117	WFAA- 8 TX	250	
		1029	KDKA- 2 PA	1260	10 Es	1930	f/out			Es	2120	WBMM- 2 IL	1020	
		1104	WLW-D 2 OH	1050		1530	unId 2				2128	KDIX- 2 ND	1180	
7 tr	0715	KVRL 26 TX	T 185			1805	unIds 2 n.e.			tr	2143	KVRL 26 TX	185	
		KLNI-15 LA	T 395			1840	YSR - 2 ElS	T1200				WGNO-26 LA	T 515	
Es	0859	WESH- 2 FL	1050			1843	YSU - 4 ElS	T1200				(Ø CCI)		
		1029	WEDU 2 FL	975	tr	1930	XET - 6 NL	270		Es	2225	f/out	185	
		1059	WBAY- 2 WI	1150		2330	KDFW- 4 TX	T 250		tr	2230	KLNI-15 LA	395	
		1139	WTVJ 4 FL	T1140			WBAP- 5 TX	T 240				(w/10kHz CCI peak east)		
		1155	WTHS- 2 FL	T1140			XHAB- 7 Tam	T 235				KPCL- 7 LA	T 320	
		1250	unIds 2-4	(MUF89.1)	11 tr	0805	KVRL 26 TX	T 185			2301	WAFB- 9 LA	T 450	
		1259	WDIQ 2 AL	735			KHTV 39 TX	T 185	15 Es	0950	KTVI 2 MO	T 760		
		1345	f/out			0935	WCBD- 2 SC	1105				WCIA 3 IL	925	
		1629	KOTA- 2 SD	1005		0955	WCIV 4 SC	T1105			1005	WBMM- 2 IL	1020	
			KTVG 2 MT	1210		1000	WSAV- 3 GA	T1040				1028	KMTV 3 NE	795
		1655	KWGN 2 CO	780		1102	WMT - 2 IA	915				1140	apx f/out	
		1658	KID - 3 ID	1190		1115	WESH- 2 FL	1050	16 Es		1355	unId 2		
		1700	KDLO- 3 SD	1025		1355	WCBD- 2 SC	1105			1715	WTHS- 2 FL	1140	
		1712	KUSD- 2 SD	880		1429	WKAY 3 NC	1240			1725	unIds 2,3	(Sp, Cuba?)	
		1729	KUTV 2 UT	1055		1430	WUND- 2 NC	1340			1815	XHPM- 2 Ver T	720	
		1829	KTCA- 2 MN	1065		1436	WBTW 3 NC	1090			1840	YNTC- 2	N1400	
			unIds 2-6	(MUF98.7)			unIds 2-4,6					Managua	Nicaragua	
		1950	KMTV 3 NE	795		1445	WPMY- 2 NC	1160			1920	YSU - 4 ElS	T1200	
		2059	KDIX- 2 ND	1180		1500	WUNC- 4 NC	T1200			1930	YSR - 2 ElS	1200	
		2100	KFLO- 6 SD	N 965		1615	KORK- 3 NV	1055			1932	TGV - 3 Guat	1120	
		2205	KFYR- 5 ND	T1160		1643	KNXT 2 CA	T1190				unIds 2-5		
		2325	f/out			1700	KEY-T 3 CA	T1275				(MUF 98.6 Guat)		
8 Es	07-11	unIds 2-3					(spotty 2,3 'til 1840)				2159	KNXT 2 CA	1190	
		0928	KTWO- 2 WY	985		2205-20	unids 2 n.e.		tr	2249	KHTV 39 TX	185		
		1725	KDKA- 2 PA	1260		2325-45	unids 2 n-ny dropy				KVRL 26 TX	185		

(16)(tr) 2300 apx f/out	(20)(tr)(2220) KHTV 39 TX 185 26 Es 1315 unIds 2,3
17 Es 0850 unIds 2,3	2305 WAFB- 9 LA 450 1358 WESH- 2 FL 1050
0929 KTWO- 2 WY 985	KFLC- 7 LA T 320 1359 WSDU 3 FL 975
KWGN 2 CO 780	21 tr 0030 KLINI-15 LA 395 1529 WFDT 2 FL 1140
1029 KUTV 2 UT 1055	0059 KBMT-12 TX 275 (spotty toapx1640)
1930 unIds 2,3	(aud. u./KSAT tp) 27 Es 0755-1150 2-6 unIds
2030 XHBC- 3 BCN T1020	Es 0859 WLW-D 2 OH 1050 (MUF to 95.1 @ 1020)
2040 KNBC 4 CA T1190	0959 WTTV 4 IN N 930 0821 WWAY 3 NC 1240
2054 KNXT 2 CA 1190	Bloomington 0830 WECT 6 NC T1240
2115 KORK- 3 NV T1055	1025 unIds 2-4,6 0859 WCBD 2 SC 1105
2219 KUTV 2 UT 1055	1031 WTWO 2 IN 915 0932 WRAL- 5 NC T1225
2300 f/out	1105 f/out 1029 WPMY- 2 NC 1160
tr 2300 KMID- 2 TX 280	tr 2354 KVRN 26 TX 185 1034 WSB - 2 GA 875
2314 KGFT- 4 TX 235	22 tr 0033 WAFB- 9 LA 450 1128 WESH- 2 FL 1050
2316 KFDM- 6 TX 275	0034 KFLC- 7 LA 320 WDIQ 2 AL T 735
2323 WBAF- 5 TX 240	0045 WFAA- 8 TX 250 1129 WEAR- 3 FL 675
18 tr 0720 KFLC- 7 LA T 320	Es 0940-1855 2-6 unIds 1130 WTVY- 4 AL T 790
Es 0915 unId 2(agn 1059)	(MUF peak94.1 @1243) 1550-1600 2,3(Spanish)
1245-1300 2,3,5 (MUF	1059 KOAI 2 AZ 84.5 28 Es 0700-1130 2-6 unIds
to 90.1, vy briefly)	1130 KORK- 3 NV T1055 (MUF to 95.1 @ 0735)
1330-1700 2-4 unIds	1203 KUTV 2 UT 1055 0725 WRAL- 5 NC T1225
(mostly spotty)	unId 3 (//KUTV; 0729 WPMY- 2 NC 1160
1458 WSAV- 3 GA 1040	maybe translator?) 1530 unIds 2 north
1626 WESH- 2 FL 1050	KCPX- 4 UT T1055 tr 2105 KVRN 26 TX T 185
1920 unId 2 n.w.(KWGN)	KSL - 5 UT T1055 KHTV 39 TX T 185
19 Es 0830 unIds 2-5(MUF89.3)	1455 KWGN 2 CO 780 KFLC- 7 LA T 320
0859 WDCN- 2 TN 815	1542 WBAY- 2 WI 1150 2120 KBMT-12 TX T 275
0928 WPMY- 2 NC 1160	1559 WMT - 2 IA 915 (20-kHz CCI)
1024 WSB - 2 GA 875	WISC- 3 WI 1035 2345 KTRF- 9 TX 260
1110 f/out	1710 WBEM- 2 IL 1020 29 Es 0830-1150 2-6 unIds
1645 YSR - 2 ElSal 1200	1759 WLW-D 2 OH 1050 (MUF to 91.3 @ 1050)
(in most of time to 1930)	2305-40 unId 2,3nw,n,ne 0907 WLW-D 2 OH 1050
1705 XHFM- 2 Ver T 720	23 Es 0755 KEY-T 3 CA 1275 0955 WKYC- 3 OH 1225
YSU - 4 ELS T1200	(0800 s/on) 1100 KGTV 2 MO 715
1710 TGV - 3 Guat 1120	0759 KNXT 2 CA 1190 1102 WDAF- 4 MO T 680
unIds 2-4(MUF88.8)	0929 WLW-D 2 OH 1050 WOI - 5 IA T 850
2000 f/out	0950 unIds 2-6 (MUF 1109 WMT - 2 IA 915
20 Es 1030-1530 2-4 unIds	90.9 @ 1001) 1120 KWGN 2 CO 780
1128 WESH- 2 FL 1050	tr 2225 KVRN 26 TX 185
1358 KDIX- 2 ND 1180	KHTV 39 TX 185
1410 WCBD- 2 SC 1105	2325 KLFY-10 LA 395
1456 KTCA- 2 MN 1065	1131 WUNC- 4 NC T1200 KPLC- 7 LA T 320
1459 WDIQ 2 AL 735	2338 WAFB- 9 LA 450
tr 2220 KVRN 26 TX 185	2350 KFDM- 6 TX 275
	2355 KALB- 5 LA 385

Es season still holding up fairly well. The Perseid meteor shower preliminary activity also appears to be good--may try using a 10-el.ch-7 Yagi for hi-band bursts during the peak later. A correction to my May-18 2000 logging, should have been KDIX-TV (Twins net vs Chicago) and not WBEM-. Did break 100 count on Es. 73, WA5IIX.

Your editor did some DXing in July, but, as usual, forgot to bring it in our travels. It will be included next time.

Best of DX to all Dennis



It's true that summer is the season for re-runs, but a re-run in the VUD? In the haste of last month's extra early deadline, your editor somehow (?!#!&*@+?!) reprinted page 1 of the July STATISTICS column (smack in the middle of FCC-FM), in addition to the August column. Things should (with luck!) be back to normal ("?) this month. MSG

CENTRAL TV DX

Don Ruland
4448 68th Place
Kenosha, WI
53140

SEPTEMBER 1973

Next Deadline: October 15

For TV DXers in WI, IL, IN, MI, and OH.

This month's activity was highlighted by a continuation of above average E-skip conditions, plus a couple of excellent trope openings the first half of July. Expert Bill Draeb penetrated as far South as Birmingham and Atlanta (700 plus miles!) on UHF in a Fall-like super-duct in the wee hours of July 12. For a closer look, here are the reports:

Frank E. Hostetler, R. R. #2, Box 151, Dillenville, OH 43917 (EDT)

6-13 Es 1430 ICR-2 Cuba	6-23 Tr 0800 WKFP-22 Dayton, plus Erie, Cleveland UHF's
1430 ICR-3 Cuba	0300 KCKK-2 Regina
1500 ICR-6 Cuba	1230 KARD-3 Wichita
1820 WPTV-5 Palm Beach, FL	1235 KCKT-2 Great Bend, KS
1823 WTVJ-4 Miami	1300 KGNC-4 Amarillo, TX
1830 WESH-2 Daytona Beach	6-26 Tr 0745 WJHO-24 Toledo
1832 WBDU-3 Tampa	6-27 Es 1900 KATC-3 Lafayette, LA
1834 WPBT-2 Miami	1925 WDSU-6 New Orleans
1836 WCIX-6 Miami	E927 WWL-4 New Orleans
1849 ICR-6 Cuba w/TP	1930 WBRZ-2 Baton Rouge
1850 ICR-3 Cuba w/TP ("6")	2000 WBAP-5 Fort Worth
6-14 Tr 0900 WKY-32 Louisville	2100 KARD-3 Wichita
Es 0929 WPBT-2 Miami	6-28 Es 0100 KPRC-2 Houston
1003 ICR-3 Cuba w/TP	0910 ICR-3 Helguin, Cuba ("6")
1012 ICR-6 Cuba	
6-18 Tr 0315 WRTV-6 Indianapolis	
0317 WJFK-2 Detroit	
6-21 Es 1930 KUSD-2 Vermillion, SD	

John Rebertson, 6065 Gardner Line, Creswell, MI 48422 (EMT)

5-9 Tr 0730 WBGU-57 Bowling Green	6-29 Es 1700 WESH-2 Daytona Bch (950)
5-14 Es 1800 KBTX-3 Bryan, TX(1100)	7-3 Tr 1900 WFLD-32 Chicago (270)
5-23 Es 1530 KMID-2 Midland (1300)	2000 WSNB-44 Chicago (270)
1559 KBTX-3 Bryan	7-18 Tr 2230 WJAN-17 Canton, OH (175)
1600 KIII-3 Corpus (1300)	7-20 Tr 1600 WGVG-35 Grand Rapids (160)
5-27 Tr 0130 WBNS-10 Columbus(225)	7-22 Tr 0110 WWUP-10 Sault Ste. Marie
5-31 Tr 0650 WWUP-10 Sault Ste. Marie (250)	7-23 Tr 0735 WHEC-10 Rochester (240)
0658 WBNS-10 Columbus	0740 WXXI-21 Rochester
6-4 Es 1530 KATC-3 Lafayette (1000)	7-23 Es 1900 CBHT-3 Halifax, NS (900)
6-27 Es 1800 WCBD-2 Charleston(750)	
1900 WKRK-5 Mobile (900)	

Marvin Shultz, R. R. #2, Teulen, IL 61483 (CMT)

6-15 Es 2000 KPBB-5 Great Falls(1144)	
2000 KRTV-3 Great Falls	6-24 Es 1930 XEFE-2 N. Laredo (1112)
2010 KTVQ-2 Billings (992)	2000 KIII-3 Corpus (1040)
2030 XEFE-2 N. Laredo (1112)	2030 WOAI-4 & KENS-5 San Antonio (960)
6-18 Es 2100 XEFE-2 N. Laredo	2030 KPRC-2 Houston (868)
2130 KPRC-2 Houston (868)	Tr 2200 WFWO-2 Terre Haute (176)
2300 KRGV-5 Weslaco (1160)	6-25 Tr 0700 WLUK-11 Green Bay (264)
2300 KGBT-4 Harlingen(1152)	0700 KROC-10 Rochester (248)
2300 KRIS-6 Corpus (tent.)	1300 tent. WHAS-11 Louisville
6-19 Tr 1200 WTVS-10 Milw. (168)	Es 1300 WBRZ-2 Baton Rouge (768)
6-20 Tr 0730 KFSV-12 C. Girardeau (270)	Tr 2100 WDKR-29 Paducah (292)
0800 KRCG-13 Jefferson City (224)	2200 WPSD-6 Paducah
6-21 Es 1900 WLBZ-2 Banger (1088)	2200 WSIB-8 Carbondale (240)
1900 WABI-5 Banger (tent)	2200 WFIE-14 Evansville (252)
6-22 Tr 0728 KRCG-13 Jefferson City	6-26 Tr 2030 WHMB-40 Indy (216)
0730 WFIE-15 Evansville(252)	2030 KDUB-40 Dubuque (112)
0733 W49AA Springfield (90)	Es 2230 WLBZ-2 Banger (tent)
0730 KUHI-16 Joplin	6-30 Es 1830 KIII-3 Corpus (1040)
	1830 WPBT-2 Miami (tent.)

Shults (continued)

7-3	Tr	0800	WFIE-14 Evansville	7-11	Tr	0645	WKY-32 Louisville (296)
7-5	Tr	0730	WLFI-18 Lafayette (176)	0655	WKYT-27 Lexington (360)	0655	KOMU-8 Columbia (200)
		0900	WKJG-33 Ft. Wayne (250)	0728	KRGC-13 Jeff. City (224)	0750	KFVS-12 C. Girardeau (272)
7-7	Tr	0700	WIII-38 Terre Haute	7-13	Tr	0830	KCMO-5 Kansas City (288)
		0700	WUHQ-41 B. Creek (260)	0830	KUHI-16 Joplin (384)	0840	KQTV-2 St. Joseph (280)
		0700	WKY-32 Levl. (296)	0845	KMBC-9 Kansas City (288)	0900	KRGC-13 Jeff. City
		0710	WKBD-50 Detroit (368)	0900	KTSB-27 Tepeka (344)	0900	K7LCE Ottumwa (136)
		0730	W74AE Jacksonville, IL	0900	K7OET Kirksville (160)	Es	2130 WPBT-2 Miami (1224)
		0730	WUAB-43 Ierain (428)	7-16	Tr	0730	WFIE-14 Evansville
		0730	WHA-21 Madison (144)	0830	WIII-38 Terre Haute (190)	7-17	Tr
		0730	WTVS-56 Detroit (368)	0730	WKEP-22 Dayton (312)	0731	KVFD-21 Ft. Dodge (240)
		0735	WPNE-38 Green Bay (264)	0740	Milwaukee VHF's	7-19	Tr
		0735	W68AA Mattoon, IL (136)	7-19	Tr	0700	WFIE-14 Evansville
		0800	WFIE-14 Evansville	7-25	Tr	0729	KRCG-13 Jefferson City
		1950	WKBD-50 & WTVS-56 & WMON-20 Detroit (368)	7-28	Tr	0800	WISH-8 & WLWI-13 Indy
		2000	WUAB-43 & WKBF-61 Cleveland (428)	0800	WTWO-2 & WIII-38 T. Haute	0800	WFIE-14 Evansville
		2000	WPNE-38 Green Bay	8-5	Es	1900	KID-3 Idaho Falls (1140)
		2000	WUHQ-41 Battle Creek	1929	KTWO-2 Casper (848)	1930	KTVQ-2 Billings (992)
		2000	WGTV-29 Trav. City (396)	2030	KSL-5 Salt Lake (1144)		
7-8	Tr	0052	WDHO-24 Toledo (336)				
		0900	WUHQ-41 B. Creek (260)				
		0900	KDUB-40 Dubuque (112)				
	Es	0935	KWGN-2 Denver (788)				
		0959	KSL-5 Salt Lake (1144)				
		1100	KUTV-2 Salt Lake				
		1130	KTWO-2 Casper (848)				
7-10	Es	1828	WESH-2 Daytona (984)				
	Tr	2300	WVTV-18 & WMTV-36 Milwaukee (172)				

Present log total: 264

A real dandy report, Marv!

Bill Draeb, Ellis St., R. R. #2, Kewaunee, WI 54216 (CDT)

7-10	Tr	1732	WKBF-61 Cleveland (355)	7-13	Tr	1950	Cleveland U's, WKY-32 Levl., & WKYT-27 Lex.
		1732	WKYT-27 Lexington (473)	7-14	Tr	1800	Cleveland U's
7-11	Tr	0808	KINL-30 St. Louis (432)	7-16	Tr	0554	CKCO-1-2
7-21	Tr	0543	WPCG-17 Atlanta (768)	MS	0558	WKTV-2 Utica (600)	
		0543	WLEX-18 Lexington	7-17	Tr	0525	CKCO-1-2
		0543	WHNT-19 & WAAY-31 Huntsville, AL (685)	0525	W7LAE LaSalle, IL (215)	0525	WMBD-31 Peoria
		0555	WTVK-26 Knoxville T	0600	WICS-20 Springfield (325)	0600	WKYT-27 Lexington
		0555	WKYT-27 Lexington	0855	WIII-38 Terre Haute (348)	2030	WHMB-40 Indianapolis (336)
		0613	WEHT-25 Evansv'l (420)	2040	Cleveland & St. Louis U's	7-18	Tr
		0621	WKY-32 Levl. (437)	0551	CKCO-1-2	1858	KINL-31 St. Louis
		0623	WMSL-48 Decatur (685)	7-19	Tr	1715	Cleveland & Y'town U's
		0646	WBMG-42 B'ham (768)	2054	unID WISN-12 xltr ch 73	7-21	Tr
		0648	WFIE-14 Evansville	0643	WKBF-61 Cleveland (355)	7-22	Tr
		0733	WXIX-19 Cincy (400)	2015	Cleveland U's	7-25	Es
		1700	WVIZ-25, WUAB-43 & WKBF-61 Cleveland	1405	WCBD-2 Charleston (916)	Tr	1930
		1700	WOET-16 & WKEP-22 Dayton (368)	1930	Cleveland U's	1930	WAKR-23 Akron (380)
		1917	WKBN-27 Y'town (420)	1930	WFMJ-21 & WYTV-33 Youngstown (420)	1930	WKY-32 Levl (437)
		2000	WIPB-49 Muncie (310)	2035	WHMB-40 Indianapolis	2035	WIPB-49 Muncie
		2215	K7OCP, K74BQ & K72CZ Grand Marais, MN (268)	2035	WXIX-19 Cincinnati T	2035	WOET-16 & WKEP-22 Dayton
		2215	WDSE-8 & WDI0-10 Duluth (286)	7-26	MS	0547	WKTV-2 Utica (600)
		2250	W74AS White Pine, MI (186)	7-28	Tr	1715	Cleveland U's
		2350	K79AQ, K77BW & K82AQ Grand Portage, MN (266)	1715	WKY-32 Louisville	2220	Y'town & Akron U's
7-13	Tr	0526	CKCO-1-2 (315--where are they, Bill?)	2232	WJET-24 & WSEB-35 Erie (405)		
		0526	CJOH-6 T (where?)				
		1950	WOET-16 & WKEP-22 Dayton (368)				

Draeb (continued)

7-28 Tr	2237	WBFA-34 & WICZ-40	8-5 Tr	0645-WAND-17	Decatur, IL (315)
		Binghamton T	0745	WICZ-20	Springfield
	2256	WKYT-27 Lexington		WLKY-32 & WDRB-41	Levl.
7-29 Tr	0642	Lexington U's		WXIX-19	Cincinnati
	0710	WXIX-19 Cincinnati		Cleveland UHF's	
		WKEF-22 Dayton	Es	1715	KWGN & KOA-4 Denver (952)
		WJET-24 & WSEE-35 Erie		1715	KCPX-4 Salt Lake City (1264)
		Youngstown U's		1818	KRMA-6 Denver w/RETMA TF
		WLKY-32 Louisville		1818	KUTV-2 Salt Lake
		WKEF-61 Cleveland		1818	KREX-5 Grand Junction T
	0910	WUAB-43 Cleveland		1818	KXLF-4 Butte T, KOAA-5
	0910	WIII-38 Terre Haute			Pueblo T, & KSL-5 SLC T
	0910	WCCS-20 Springfield	8-7 Tr	1000	KDNL-30 St. Louis
	1140	WHMB-40 Indianapolis		1000	WICS-20 Springfield
	1140	WELG-62 Lexington		1000	WAND-17 Decatur
	2230	WUTV-29 Buffalo (445)		1000	WIII-38 Terre Haute
7-30 MS	0554	WLBZ-2 Banger (980)	8-8 Tr	1950	KCBF-17 Columbia, MO (450)
	0554	WKTV-2 Utica (600)		1950	KMTC-27 Springfield, MO T
	0559	WTPG-5 Washington (650)		1950	WAND-17 Decatur
Tr	1955	WUTV-29 Buffalo	LS	2002	KCBF-17 Columbia
	1955	WSEE-35 Erie	Tr	1950	Dayton & Cleveland U's
	2048	WKBN-27 Youngstown		1950	WKBN-27 Youngstown (420)
	2048	Cleveland & Akron U's	Tr & LS	1950	WJET-24 & WSEE-35 Erie
7-31 Tr	2011	WUTV-29 Buffalo	LS	1950	WQLN-54 Erie
	2011	WSEE-35 Erie	Tr & LS	1950	WCFR-29 Buffalo
	2011	Akron & Cleveland U's	Tr	2035	WAKR-23 Akron
8-1 Tr	2041	WDSB-8 & WDIQ-10 Duluth		2056	WLKY-32 & WDRB-41 Levl.
	2113	WUTV-29 Buffalo (445)	8-9 Tr	1715	Cincy & Louisville U's,
8-2 Tr	1700	Dayton & Cleveland U's		WFPB-49 Muncie	
	1700	WKYT-27 & WLKY-32 KY		1715	WKON-52 Owenton, KY (437)
8-4 Tr	0820	Ft. town & Cleveland U's		1715	Lexington & Cleveland U's
	0820	WXIX-19 & WCET-48 Cincy			
	0820	WELG-62 Lexington			
	0829	WJET-24 & WSEE-35 Erie			
	0829	WKEF-22 Dayton			
	MS	0555-0610 unID ch 7 to E & S			
					As usual, a super report, Bill. Or as Bill sums it up, "a couple of good days here in the past month for treps...net much Es."
<u>Don Ruland, 4448 68th Place, Kenosha, WI 53140(CDF)</u>					
6-8 Es	1815	KATC-3 Lafayette (980)	6-25 Tr	0453-Cincinnati,	Cleveland,
	1827	WERZ-2 Baton Rouge (870)		0515	Columbus, Levl VHF's
	2100	KIDH-4 Hay Springs (740)		0655	WLAB LaSalle, IL (120)
6-9 Tr	0745	Cleveland U's (330)	Es	0727	WLBZ-2 Banger (950)
	0800	WSEE-35 Erie T (400)	6-26 Tr	0552	WHO-13 & KRNT-8 IA (310)
6-10 Tr	1000	KROC-10 Rochester (260)		0634	WTCN-11 Minneapolis (320)
	1030	WBAU-13 Eau Claire (240)		0653	KGLO-3 Mason City (270)
Au	1600-1830	unID ch 2-8		0730	KHNE-29 Hastings (560) T
Es	2200	KTVS-3 Sterling (780)	6-27 Es	1700	WEDU-3 Tampa (1070)
	2205	KWGN-2 Denver (880)		1700	WTVJ-4 Miami (1250)
	2230	KOA-4 Denver (880)		1730	KYW-3 Philadelphia (670)
	2315	KREX-5 Grand Jct. (1080)	7-21 Es	1100	KIII-3 Corpus (1160)
6-12 MS	0558	WSAV-3 Savannah (830)	7-22 Es	1030	WESH-2 Daytona (1020)
6-13 Tr	0500	WHAS-11 & WLKY-32 Levl.	7-23 Es	1730	CJBR-3 Rimouski (1020)
	1700	KATC-3 Lafayette (900)		1800	CHS3-4 St. Jehn (1090)
	1730	WPTV-5 Palm Beach (1190)		1800	CBFT-2 Montreal (730)
		Thru local WMAQ-5	7-	2000	CKCK-2 Regina (970)
	1800	WJXT-4 Jacksonville (920)	25 Es	0525	WCBS-2 NYC (720) earliest Es
	1803	WESH-2 Daytona (1020)	7-29 Tr	0527	WUAB-43 Lorain (310)
	2000	WEDU-3 Tampa (1070)		0530	Cleveland, Cincy, Columbus
6-14 Tr	0700	WLKY-32 Levl (330)		0605	Louisville VHF's
	0730	Lexington U's (360)		0715	WUUP-10 Sault Ste. Marie (330)
6-15 Tr	0552	Lexington U's	8-5 Es	1800	KID-3 Idaho Falls (1200)
6-16 Tr	1130	Cleveland U's		1830	KOA-4 & KWGN-2 Denver (880)
6-23 Es	0640	WLBZ-2 Banger (950)		1900	KUTV-2, KCPX-4 & KSL-5
	0655	WABI-5 Banger			Salt Lake City (1220)
	0900	CJBR-3 Rimouski (1020)	8-12 MS	0532	WPVI-6 Philadelphia (670)

As mentioned elsewhere in the VUD, Roger Brown is the new FCC-TV News editor, and I will be doing the Central TV DX Column. Your continued support of these plus all other columns in very much needed, urged, and appreciated. 73-

EASTERN TV DX

Dave Pomeroy
KTWU-Channel 11
Signal Hill
Topeka, Kansas 66604

Things have slowed down a little bit and I'm beginning to make a little headway into all the reports for the past couple of months from Eastern DX'ers. Most of the reports this month are for June with some bits from May and July. Reports during the period continue to reflect favorable skip conditions. Early reports from July indicate some improving tropo conditions in the east so those who have been complaining about the lack of tropo would be happy. I finally made it to a WTFDA convention after 3 years of near misses. Enjoyed talking to several eastern DX'ers who report regularly to this column including host Bob Seybold (thanks! dp) If you couldn't make it this year, start thinking about 1974!

Ronald J. LeBlanc 2524 Arizona Drive Marrero, Louisiana 70072 (CDT)

"There has been so much skip the past 3 weeks, I haven't had the chance to do anything. With the loss of my 70foot tower and CM-3617 and 7foot dish--all blown down in a windstorm on April 19--all DX'ing has been done with a 2-6 yagi at 20feet and 7-13 high-band yagis at 30feet. Hope to have another 70foot tower up soon. The Es on June 5-6 was one of the longest skip openings I think I have ever seen. Came home from work at 5 pm and it was up to channel 6. There was so much CCI that I spent most of the time on FM. It was still in on TV well after midnight."

4-12 Tr 2200 KTVV-36 Austin, TX 3345R0460 5-26 Es 1700 WTAR-3 Norfolk, VA 3132N0945
2201 KVVU-24 Austin, TX 3345R0460 1702 WFMY-2 Greensboro, NC 3332N0743
2220 KZTV-10 Corpus Christi R0485 1717 KTCA-3 St. Paul, MN 3022R1052
2221 KLRN-9 San Antonio R0510 1730 WWAY-3 Wilmington, NC 2022R0780
2340 WJKS-17 Jacksonville R0502 1826 KWGN-2 Denver, CO 2021R1000
4-13 0003 KWEX-4 San Antonio R0510 1900 KCKT-2 Great Bend, KS 2322R0770
0030 KENS-5 San Antonio R0510 Tr 2200 Texas tropo in
0042 KTBS-7 Austin, TX 5555R0460 5-27 2000 Texas tropo in
0055 KSAT-12 San Antonio R0510 Es 1637 CKCO-2 Wiarnton, Ont 2122R1125
2030 KUHT-8 Houston TX 3041R0321 1900 WCBS-2 New York, NY 3223R1174
2100 W70AU-70 BiloxiMS 3135R0070 5-28 1000 Tele Rebelde-5 then ICR tp 3022N
2323 WXLT-40 Sarasota 4435R0503 1003 ICR-3 Holguin, Cuba 3122R1075
2325 WTOG-44 St. Pete FL 3335R0488 1030 skip out
2331 WCJB-20 Gainesville FL R0472 1130 KOTA-3 Rapid City SD 3033R1226
4-14 0105 KTRE-9 Lufkin, TX 4555R0299 1215 skip out--back in at 1600
0130 KJAC-4 Port Arthur R0237 1615 KTCA-2 St. Paul, MN 3233R1052
0200 WFAA-8 Dallas, TX 3234R0465 1630 KUSD-2 Vermillion, SD 3222R0969
4-19 "tower blown down--total loss" 1717 KFYR-5 Bismarck, ND 4333N1283
4-21 2230 KATV-7 Little Rock R0350 1901 WJBK-2 Detroit, MI 2022R0945
5-10 2000 Houston, TX & Little Rock, AK 5-29 Es in and out all evening--no ID's; weak
5-11 0555 KWTW-9 Oklahoma City N0575 5-30 1730 UNID-? Spanish
5-13 Es 1900 Signs of skip for 10 min. Tr tropo into Houston, TX
5-14 1758 CKPR-2 Thunder Bay, Ont. 5-31 Es 1730 WMT-2 Cedar Rapids, IA 4343R0841
1800 WBAY-2 Green Bay WI R1006 1800 KGL0-3 Mason City, IA 3332R1000
1805 WJMN-3 Escanaba, MI R1102 1900 KWGN-2 Denver, CO 3032R1000
1828 KDAL-3 Duluth, MN 4323R1169 6-1 1730 XEW-2 Mexico City, DF 4555R0917
5-15 1915 XEW-2 Mexico City DF R0917 6-2 Tr into AK, MS, AL, GA at 0615
1943 XHGC-5 Mexico City DF 2133R Es 1200 WJMN-3 Escanaba, MI 3443R1102
1945 XHP-3 Puebla, Pue 3033R0900 1235 WBMM-2 Chicago, IL 3132R0838
5-17 2105-2150 UNID-2 & 3 1430 KDLO-3 Watertown, SD 3232R1112
5-18 1745-2045 UNID-2 & 3 1600 KWGN-2 Denver, CO 2031R1000
Tr 2000 tropo into Texas 6-3 Ms 0558 WLWD-2 Dayton, OH 3025R0774
5-19 0555 into TX, AL, GA, FL, AK 500mi 5-31 Es 1605 KTCA-2 St. Paul, MN 4334R1052
2300 KAMU-15 College Station, TX 1630 KTVS-3 Sterling, CO 4344R1025
5-20 0018 tropo to AL, AK, FL, TX, GA 1700 KCYU-5 Cheyenne, WY 3233R1140
5-21 0630 KGNS-8 Laredo, TX 2248 KWGN-2 Denver, CO 2031R1000
5-23 Es 1730 KTCA-2 St. Paul, MN R1052 6-4 1717 UNID-2,3,5
1800 KSTP-2 Minneapolis R1052 6-5 "Looks like one of the longest skip openings I have ever seen. CCI was so great on ch.2-6 that I spent all evening on FM. Skip on TV still in after 2400."
1835 KORN-5 Mitchell, SD R1055 0020 KDLO-3 Watertown, SD 3334R1112
2000 KUSD-2 Vermillion, SD R0969 0021 WJBK-2 Detroit, MI 4443R0945
2030 KWGN-2 Denver, CO 3322R1000 0035 WLWD-2 Dayton, OH 4444R0774
5-24 1915 Es to south--Spanish 6-6
2110 Es now to the north--no ID
5-25 1830 YSR-2 El Salvador R1132
5-26 1630 WGR-2 Buffalo NY 4222R1098

(continued on following page, dp)

Ronald J. LeBlanc (continued)

6-6 Es 0855 KQTV-2 St. Joseph 3221R0741 6-8 Es 1800 KDLO-3 Watertown, SD 4143R1112
 0900 WMAQ-5 Chicago, 3222R0838 1816 WFRV-5 Green Bay, WI 3234R1006
 0930 WOI-5 Ames, IA 4444N0854 1937 WMAR-2 Baltimore, MD 4342R1006
 1130 KORN-5 Mitchell 2122R1055 1937 KTVS-3 Sterling, CO 3332R1025
 1158 KDLO-3 Watertown SD R1112 1937 WISC-3 Madison, WI 3032R0920
 6-8 1722 WBAY-2 Green Bay 3032R1006 2210 KWGN-2 Denver, CO 2031R1000
 (Ron has sent along his log for 6-9 to 7-5, but it will have to wait until the October VUD. No new ones in it, so Ron's log remains at 272; 33 states; 6 countries. I enjoyed talking to you in Dunkirk. dp)

Harry J. Hayes 9 Henry Street Wilkes-Barre, Pennsylvania (EDT)

5-14 Es 1825 WOA1-4? San Antonio? T 5-23 Es 2000 KFSA-5 Ft. Smith, AK 4545R1170
 2000 KTEW-2 Tulsa, OK 4422R1054 2030 WDAF-4 Kansas City 5555R0987
 2000 WMAB-2 State College, MS 2058 WKY-4 Oklahoma City 3422R1175
 2006 WBTW-3 Charlotte, NC N0495 2100 KTEW-2 Tulsa, OK 3322R1054
 5-20 1630 KPRC-2 Houston, TX R1350 5-25 1240 KPRC-2 Houston, TX 3322R1350
 5-23 1710 KHAS-5? Hastings, NE? T 1700 WDIQ-2 Dozier, AL 3443R
 1900 WPTV-5 W. Palm Beach FL R1012 1800 WESH-2 Daytona Beach, FL R0860
 1930 WTVJ-4 Miami, FL 4544R1090 2000 KXJB-4 Valley City ND 443N1160

"I started DX'ing in 1969 and am 20 and single. TV is 19" B/W RCA Sportabout. Present log total is 128. ... In the city I am using a Lafayette log periodic 64 element 3 combo antenna. We recently installed a Channel Master VHF-UHF antenna in Poconos. It works fine on channels 2-3-4, but above that reception gets snowier. UHF is so snowy that it is useless."

Frank Wheeler 6589 Wattsburg Road Erie, Pennsylvania 16509 (EDT)

"The latest I ever received any station in May, but received as many stations this year in May as last year, which was my best year of DX." *seen for 62nd time!
 5-23 Es 1432 KCKT-2 Great Bend, KS R1015 6-10 Es 2100 KTVS-3 Sterling, CO 4312R1188
 1434 KQTV-2 St. Joseph, MO R0779 2130 KWGN-2 Denver, CO 4244R1292
 1630 KDUH-4 Hay Springs NE 4433R 2200 KOA-4 Denver, CO 4312R1292
 2158 KETS-2 Little Rock AR R0825 6-11 1030 KATC-3 Lafayette, LA 4334R1056
 2200 WREC-3 Memphis 4544 R0723 1100 KPRC-2 Houston, TX 4322R1210
 5-25 1202 WBRZ-2 Baton Rouge R1020 1101 WBRZ-2 Baton Rouge 4222R1020
 1431 CBHT-3 Halifax, NS R0804 6-13 1700 KPRC-2 Houston, TX 4422R1210
 1458 CKCW-2 Moncton, NB R0820 1710 WDIQ-2 Dozier, AL 5422R0815
 5-28 1730 KCKT-2 Great Bend KS R1015 1730 WEAR-3 Pensacola, FL 4412R0912
 1800 KQTV-2 St. Joseph MO R0779 6-16 0900 KUSD-2 Vermillion SD 4444R0851
 5-29 1230 WWL-4 New Orleans 3433R 0901 KOTA-3 Rapid City SD 4434R1169
 1238 KCKT-2 Gt. Bend 5555R1015* 6-18 1500 KDUH-4 Hay Springs 3412R1138
 1330 KQTV-2 St. Joseph, MO 5555R 1515 KNOP-2 N. Platte, NE 3412R1066
 1500 KUSD-2 Vermillion SD R0851 1528 WKY-4 Oklahoma City 3412R1040
 1600 KBTX-3 Bryant X 4544R1199 1625 KARD-3 Wichita, KS 3412R0953
 6-4 1530 WDIQ-2 Dozier, AL R0815 1630 KCKT-2 Great Bend KS 3412R1015
 6-5 1612 WEAR-3 Pensacola, FL R0912 6-25 1131 KOTV-6 Tulsa, OK 3412R0943
 1800 KPRC-2 Houston R1210 1133 WKY-4 Oklahoma City 4444R1040
 1808 KTBS-3 Shreveport R1005 1200 KTEW-2 Tulsa, OK 4433R0943
 1825 K111-3 Corpus Christi R1384 1203 KFDX-3 Wichita Falls 4433R1114
 1900 WBRZ-2 Baton Rouge R1020 1204 KAUZ-6 Wichita Falls 3425R1114
 2000 KWGN-2 Denver, CO R1292 6-27 1700 WDIQ-2 Dozier, AL 4412R0815
 2100 KOTA-3 Rapid City R1169 1730 KTEW-2 Tulsa, OK 4412R0943
 2227 KNOP-2 N. Platte, NE R1066 2100 WKY-4 Oklahoma City 4412R1040
 6-6 1600 KOTA-3 Rapid City 5544R 6-29 1700 WBRZ-2 Baton Rouge 4412R1020
 1630 KTWO-2 Casper, WY R1322 1730 WMAB-2 State College, MS R0840
 1700 KDUH-4 Hay Springs NE R1138 1800 KTBS-3 Shreveport, LA 3412R1005
 1728 KPLO-6 Reliance, SD R1005 1808 KFDX-3 Wichita Falls 4433R1114
 1800 KORN-5 Mitchell, SD R0912 1820 KTEW-2 Tulsa, OK 4434R0943
 1955 KFDX-3 Wichita Falls R1114 1932 WSIL-3 Harrisburg IL 3212N0533
 2100 KTWO-2 Casper, WY 4514R 2000 KOTV-6 Tulsa, OK 5445R0943
 2200 KDUH-4 Hay Springs 4523R 2001 WKY-4 Oklahoma City 4412R1040
 6-7 1230 KDIX-2 Dickenson ND 3432R 2005 KOCO-5 Oklahoma City 4434R1040
 1258 KOTA-3 Rapid City SD 5545R 2018 KCKT-2 Great Bend KS 4444R1015
 6-10 Tr 0700 CJOH-10 Ottawa, Ont R0313 (Nice to meet you in Dunkirk, Frank, dp)

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)

5-11 Tr	0710	W64AD-64	Boca Raton,FL	5-25 Es	1720	WAVE-3	Louisville,KY	R0880
		ch.64 rebroadcasting	WDSU-6 LA		1830	KFDX-3	Wichita FallsTX	4421R
		and WDBO-6	Orlando, FL		1850	TGV-3	Guatemala	4421R
		0725	KATC-3 Lafayette,LA		1923	YNTC-2	Managua, Nicaragua	
		2358	WJHG-7 Panama City,FL		1935	YSR-2	El Salvador	4521R
5-12	0055	WALA-10	Mobile, AL 1331N0540	5-26	1135	KBTX-3	Bryan, TX	5535R
	0115	WLCY-10	Largo, FL 3031R0170		1757	KFDX-3	Wichita,Falls,TX	5521N
	0830	W64AD-64	Boca Raton, FL	Following			use Clark's Sony & tower at	55ft:
		ch.64 rebroadcasting	TVN-6 Havana, Cuba	5-27	1520	KPRC-2	Houston, TX	R0880
5-14	0730	W64AD-64	Boca Raton,FL	5-28	1030	KGBT-4	Harlengen, TX	R1080
		ch.64 rebroadcasting	TVN-6 (CMQ-TV)		1036	KIII-3	Corpus Christi	R1040
5-20	0800	W69AA-69	Hollywood, FL N0050		1100	KPRC-2	Houston, TX	5231R
5-21 Es	1600	WGBT-4	Harlingen, TX N1080		1825	KYTV-3	Springfield,MO	4021R
5-22 Tr	0700	WLBT-3	Jackson, MS N0640	Tr	2150	WTVX-34	Ft.Pierce,FL	4444R
	0703	WJHG-7	Panama CityFL 4542R		2302	TVN-6	Havana, Cuba(SE)	0421R
	0715	WCTV-6	Tallahassee,FL N0360		2302	TVN-3	//TVN-6 (CMQ)	0305R
	0720	WJCL-22	Savannah, GA N0390		2310	WWAY-3	Wilmington,NC	5314R
5-23 Es	1845	WTIC-3	Hartford, CN R1180	5-29	0741	TVN-6,3,8	TVN6/TVN6/TVN2	Cuba
	1900	WTEV-6	New Bedford,MA (RI)		1615	TVN-3,8	TVN6/TVN2	
	1945	WSYR-3	Syracuse, NY R1190	5-30	0745	W64AD-64	relay TVN6	3333R
5-25	1703	WSYR-3	Syracuse, NY 5525R		2305	KYW? -3	"Save China Town"	

Paul D. Traska 64 Weaver Street Buffalo, New York 14206 (EDT)

6-19 Tr	2330	WJAC-6	Johnstown,PA 4444R	6-29 Es	2000	WREC-3	Memphis, TN	4444N
	2330	WSTV-9	Steubenville,OH4444R		2015	KOTV-6	Tulsa, OK	4444N
	2330	WTOL-11	Toledo, OH 4444R		2020	KFSA-5	Ft.Smith, AR	4444N
6-20	0206	WTTG-5	Washington,DC 3333N		2030	WEDU-3	Tampa, FL	3444R
6-21	0145	WVNY-7	Watertown, NY 3322R	7-3	1630	KTVG-6	EEnsign,KS	4444N
	0150	WTAJ-10	Altoona, PA 4433R	7-7 Tr	1930	WJIM-6	Lansing, MI	3333R
6-26 Es	1240	KAUZ-6	Wichita Falls 4443N		2300	WSVN-47	Norton, VA	4444N
	Tr	1315	WNEO-45 Alliance, OH 3333R		2300	WEYI-25	Saginaw,MI	4444R
6-29 Es	1649	WLBT-3	Jackson, MS 3433R	7-8	0300	WHTN-13	Huntington,WV	4444R
	1700	WKRQ-5	Mobile, AL 3333R		0325	WLWC-4	Columbus,OH	3333R
	1800	WEAR-3	Pensacola,FL 3333N		0325	WNEM-5	Bay City, MI	2322R
	1830	KATC-3	Lafayette,LA 3333N	7-9	2345	UNID-41	SE	3333R
	1900	WRCB-3	Chattanooga,TN 4444N		2345	WICZ-40	Binghamton,NY	3333R
	1910	WSAV-3	Savannah, GA 4344N		2358	WKBS-48	PhiladelphiaPA	3333R

(Paul uses a Channel Master 34-ele; Winegard amp. at 40' and 1968 Philco; 1972 RCA rx)

Steve West 432 Kenmore Road Havertown, Pennsylvania 19083 (EDT)

"The Es has been great but there hasn't been much tropo. WKAQ-2 is my furthest catch ever!!"

3-28 Tr	2050	WITN-7	WashingtonNC N0340	5-24 Es	1930	UNID-2 & 4	Cuba	
	2050	WVEC-13	Norfolk, VA R0220	5-25	1730	KXJB-4	Valley City,ND	N1185
	2300	WPRI-12	Providence,RI N0240		1730	CKPR-2	Thunder Bay,Ont	R0925
3-29	0100	WTAR-3	Norfolk,VA R0220		1930	CHGH-4	Churchill,Man.	N
	0100	WTIC-3	Hartford,CN N0180		1930	CKX-5	Brandon, MN.	N1290
	0130	WTVD-11	Durham,NC N0340	5-27	1200	CKPR-2	Thurder Bay,Ont	R
	0800	WVIR-29	CharlottesvilleN0800		1230	KTCA-2	St.Paul, MN	N0975
	0800	WBTW-13	Florence,SC N0475	5-28	1700	UNID-2,4,5	Cuba	
5-14 Es	2030	KQTV-2	St.Joseph,MO R1025		1730	WKAQ-2	San Juan, PR	N
5-16	1730	WMAB-2	State College N		1900	WMT-2	Cedar Rapids,IA	R
5-23	1800	WTVJ-4	Miami,FL N1200	6-2	1900	WBRZ-2	Baton Rouge,LA	N
	2000	W01-5	Ames, IA N0970	6-3	0100	WMAB-2	State CollegeMS	R
	2000	WDAF-4	Kansas City,MO R1020		1400	WBRZ-2	Baton Rouge,LA	R
	2000	KQTV-2	St.Joseph,MO R					

Richard Peary 216 Acadia Circle Fairfield, Alabama 35064 (EDT)

6-24 Es	1930	WLBB-2	Bangor, ME	6-27 Es	1925	KDKA-2	Pittsburgh,PA	
	1931	WCBS-2	New York City, NY	7-9	1645	XEW-2	Mexico City, DF	
6-25 Tr	2200	WTVG-10	Chattanooga, TN	7-10	2030	WCBS-2	New York City, NY	
	Es	1230	CKPR-2		2031	WTIC-3	Hartford, CN	
		1330	KOAI-2		2032	UNID-2	PBS "Watergate"	
		2000	CBFT-2	7-11	1545	ICR-2	Havana, Cuba	
6-27	1930	CKVR-3	Barrie, Ontario		1920	CKVR-3	Barrie, Ontario	

Walter W. Windish 136 Rose Avenue Woodcliff Lake, New Jersey (EDT)

"I'd like to report a new channel in New Jersey. I observed the test pattern of channel 50 (WNJM) in Montclair, New Jersey on May 21 at 9:30 p.m." (Thanks for info., dp)

Robert Seybold Bennett Road Dunkirk, New York (EDT)

5-15 to 5-22 brief, weak E-skip in this period; no 1D's.

- 5-23 "Big Day--E-skip channels 2-6 WBRZ-2 WSB-2 WESH-2 WEDU-3 KFDX-3 WREC-3 KTBS-3
WVL-4 WKY-4 KARK-4 KALB-5 WAGA-5 KHAS-5 WDSU-6 KTAL-6 KOTV-6 KFDM-6
second opening:(1600-2300) WDIQ-2 WBRZ-3 KTEW-2 WDCN-2 WEDU-3 WSAV-3 KATC-3
WLBT-3 Jackson,MS WRBC-3 WTVY-4 WRAL-5 WMC-5 KALB-5 WCTV-6 WATE-6
- 5-24 Es 1100-1300 WEDU-3 Tampa,FL WTHS-2 WESH-2 WBRZ-2 WSAV-3 CMH-3 WJXT-4 WTVY-4
WUNC-4 Chapel Hill,NC WPTV-5 WUFT-5 WRAL-5 WAGA-5 KMO-6 CMH-6 WJBF-6
Es 1600-2300 WBRZ-2 KCKT-2 KNOP-2 KTEW-2 KFDX-3 KARD-3 Wichita,KS WLBT-3 MS
WKY-4 KDUH-4 WDAF-4 KDFW-4 KCMO-5 KHAS-5 KOCO-5 WBAP-5 KHPL-6 KAUZ-6 Wichita Falls
WOW-6 Omaha,NE KMTV-3 Omaha,NE
- 5-25 WBRZ-2 WEDU-3 WESH-2 WMAB-2 WVL-4 WDSU-6 CMQ-6 KALB-5 WTRG-5 KOTV-6 KAUZ-6 KFDX-3
5-26 WBRZ-2 WEDU-3 WEAR-3 WLBT-3 WCB1-4 WABG-6 KTBS-3 KALB-5 KTEW-2 Tulsa,OK KETS-2 AK
5-27 KTVO-3 Ottumwa,IA KTVS-3 KTWO-2 KCKT-2 KARD-3 KOTA-3 KYTV-3 KQTV-2 KDLO-3 KPLO-6
KORN-5 KNOP-2 KWGN-2 KOA-4 KOAA-5 KRMA-6 Denver,CO KHPL-6
- 5-28 WESH-2 WTHS-2 WEDU-3 WRBL-3 WJXT-4 WTVJ-4 WPTV-5 KALB-5 WDSU-6 KCEN-6 KOTV-6 OK
KOCO-5 WDAF-4 WKY-4 KTIV-4 Sioux City,IA WMC-5 Memphis,TN KTBS-3
- 5-29 KLNE-3 Lexington,NE KHAS-5 KDUH-4 KNOP-2 KMTV-3 WOW-6 KHPL-6 KHTL-4 Superior,NE
KARD-3 Wichita,KS KCKT-2 Great Bend,KS KTVO-3 Ottumwa,IA
- 5-30 WBRZ-2 KPRC-2 WEDU-3 WSAV-3 KTBS-3 KFDX-3 KAUZ-6 WBAP-5 WKY-4 WESH-2 Daytona Bea.
5-31 WBRZ-2 WEAR-3 KATC-3 WLBT-3 WCB1-4 KLNE-3 KCKT-2 KTVS-3 KDLO-3 KDIX-2 KXJB-4 ND
6-1 KTEW-2 KMID-2 KCKT-2 KFTD-3 KBTX-3 KACB-3 WDAF-4 KCMO-5 KTV-6 Ensign,KS KOTV-6
6-2 KTWO-2 KTVO-3 KTVS-3 KOA-4 KFBC-5 KYUS-3 Miles City,MT (new, double hop!) KLNE-3
KMTV-3 Omaha,NE KUSD-2 Vermillion,SD KDIX-2 Dickenson,ND
- 6-3 1100-1300 & 1600-1800 KLNE-3 KCKT-2 KARD-3 KMTV-3 WOW-6 KHAS-5
6-5 "best skip of season, nearbest ever--double hop all channels 2-6 (1700-2400) un-
til 0100 on 6-6 WBRZ-2 KETS-2 KCKT-2 KTEW-2 KPRC-2 KMID-2 XEWO-2 KATC-3 KTBS-3
KACB-3 KBTX-3 Bryan,TX KFDX-3 K111-3 WVL-4 KGNC-4 KWAB-4 KDFW-4 Dallas-Ft.Worth
KJAC-4 KR0D-4 El Paso,TX KGBT-4 Harlingen,TX WBAP-5 KXTX-5 KRGV-5 WDSU-6 KTAL-6
KAVE-6 Carlsbad,NM KAUZ-6 KFDM-6 KRIS-6 KCEN-6 XEHL-6 Guadalupe,Mexico o/KRIS-6
- 6-6 1700-2400 KDIX-2 KUSD-2 KWGN-2 KLNE-3 KTVS-3 KDLO-3 KORN-5 KTV-6 KPLO-6 KFBC-5
KOA-4 KOAA-5 KRMA-6 KNOP-2 KCKT-2 KARD-3 KMTV-3 WOW-6 KHAS-5 WDAF-4 KTWO-2
- 6-7 KTVS-3 KTWO-2 KFDX-3 KTIV-4 KFBC-5 KCMO-5 WDAY-6 CBWT-3 KOTA-3 KDLO-3 KARD-3 KS
KCKT-2 Great Bend,KS KNOP-2 N.Platte,NE KXJB-4 Valley City,ND
Tr WOTV-8 Grand Rapids,MI WZZM-13 WKZO-3 Kalamazoo,MI WLUC-6 WMTV-9 WJRT-12 MI
WXON-20 Detroit,MI WKAR-23 E.Lansing,MI WEYI-25 Saginaw,MI WUHQ-41 Battle Creek
WKBD-50 WTVS-56 Detroit,MI
- 6-8 WKZO-3 WOTV-8 WMTV-9 WILX-10 WJRT-12 WZZM-13 WANE-15 WKJG-33 Ft.Wayne,IN WXON-20
WKAR-23 WEYI-25 WUHQ-41 WKBD-50 WTVS-56
Es KCKT-2 KNOP-2 KTWO-2 KTIV-4 WDAF-4 KCMO-5 Kansas City,MO KTV-6 CHBC-2 KDLO-3
KHPL-6 KHAS-5 Hastings,NE 6-9 KDLO-3
- 6-9 Tr WKZO-3 WOTV-8 WILX-10 WJRT-12 WXON-20 WKAR-23 WDHO-24 Toledo,OH WEYI-25 MI
WKBD-50 WTVS-56 WBGU-57 Bowling Green-Lima,OH
- 6-10 Tr VHF-UHF to 400 miles with good signals
- 6-11 Es KTVS-3 KTWO-2 KWGN-2 KNOP-2 KOA-4 KREX-5 KOAA-5 KARD-3 KHTL-4 Superior, NE
WDAF-4 KTVO-3 KTIV-4 Sioux City, IA KCMO-5 second opening after 1700 WESH-2 FL
WPBT-2 WEDU-3 WTVJ-4 WPTV-5 WBRZ-2 WEAR-3 WDDB-6 WCIX-6 UNID-2,3 Cuba
- 6-12 0900-1100 WEDU-3 WBRZ-2 WVL-4 WTVY-4 TX-NE-OK-KS-FL-LA-MO WBRZ-2 KTEW-2 TulsaOK
KNOP-2 KMTV-3 KARD-3 WKY-4 KFDW-4 WBAP-5 KAUZ-6 KTV-6 KHPL-6 KOTV-6 KOCO-5 OK
KLNE-3 KCKT-2 KCMO-5 KARK-4 Little Rock,AK
- 6-13 KNOP-2 KLNE-3 WEDU-3 WSAV-3 KOTA-3 KDLO-3 KUSD-2 KWGN-2 KRMA-6 KOA-4 KTWO-2
KTVS-3 KQTV-2 St.Joseph,MO KARD-3 KHTL-4
- 6-15 WBRZ-2 KPRC-2 WDIQ-2 Dozier,AL KNOP-2 KQTV-2 KCKT-2 KARD-3 KYTV-3 KATC-3 KTBS-3
WLBT-3 WDAI-4 San Antonio,TX KOCO-5 WBAP-5 KCMO-5 WOW-6 KAUZ-6 WDSU-6 KTV-6 KS
- 6-16 Es throughout most of day; FL-GA-AK-TX-LA-KS-NE-ND
- 6-17 1700-2200 KATC-3 KNOP-2 KETS-2 KWGN-2 KTWO-2 KARD-3 KTVO-3 KLNE-3 KHTL-4 CBWT-3
CHBC-2 CBXT-5 WDAY-6 ND KPLO-6 KOTA-3 KDLO-3
- 6-18 1100-1430 KQTV-2 KTEW-2 KNOP-2 KYTV-3 Springfield,MO WEDU-3 WEAR-3 KDUH-4
- 6-19 to 26 "some good tropes in this period including great opening to the east--also
venture into hills with 7-foot Finco dish for UHF." WTPA-15 Parkersburg,WV WANE-15
WNDU-16 WSBT-22 South Bend,IN WGVG-35 Grand Rapids,MI (more in October VUD)

James F. Armington Rt.2 Box 32 Dothan, Alabama (CDT)

"I just recently joined the WTFDA and am fortunate to live here in south Alabama where DX is almost an every day occurrence. I started DX'ing in the summer of 1971, and so far my longest Es is KTWO-2 at 1420 miles. Longest Tr is KRGV-5 at 840 miles. I have logged 29 states, 2 provinces and one state (estado) from Mexico. This June Es is (was) almost unbelievable! It comes in every day at about 1200 and lasts until 2200 with the MUF going up into FM."

6-4 Es 1555 KTXT-5 Lubbock, TX 5433R0990	6-5 Es 1740 KORN-5 Mitchell, SD 5532R1090
1626 WBAP-5 Ft. Worth, TX 5433N0702	1800 WOW-6 Omaha, NE 5532R0900
1639 KOCO-5 Oklahoma City 5433N0751	1815 KTVO-3 Ottumwa, IA 5522N0770
1726 KFDX-3 Wichita Falls 5532R0790	2012 KHAS-5 Hastings, NE 5544R0988
1730 KAUZ-6 Wichita Falls 5433R0790	2100 KYCU-5 Cheyenne, WY 5544N1288
1800 KNME-5 Albuquerque NM 5433N1275	2130 KTVS-3 Sterling, CO 5422N1200
6-5 1300 KRGV-5 Weslaco, TX 5332R0840	2200 KOAA-5 Colorado Springs CO R1221
1330 K111-3 Corpus Christi 4132N0765	2359 KNOP-2 N. Platte, NE 5433R1109
1355 XEFB-3 Monterrey, NL 5533N0992	6-6 1300 KOTA-3 Rapid City, SD 5433R1321

(Present log now 131--uses a 1971 Silvertone B/W set; VHF ant. at 15ft, UHF on set.)

Jerry Pulice 143 Gibson Avenue Staten Island, New York 10308 (EDT)

"I thought tropo was bad last year, but so far there has been no coastal tropo at all! This has never happened before. Maybe air pollution or something. The local weather has been very wet and violent storms at least three times weekly. Es is not what it was last year either. Do any CU-2000 owners wish to correspond by tape?"

5-2 GW WNJM-50 Montclair, NJ PBS	5-27 Es 1620 KDAL-3 Duluth, MN
WNJB-58 New Brunswick, NJ PBS	1835 KTCA-2 St. Paul, MN "black, TP"
5-4 Tr 0730 Maryland, DC up slightly	1900 WJMN-3 Escanaba, MI
5-5 "added XAM 12" portable to shack"	1900 WISC-3 Madison, WI
5-10 Tr 0745 6-10-12 Providence, RI	1900 KGL0-3 Mason City, IA
0745 WTIC-3 WNH8-8 Connecticut	5-31 1920 "signs of channel 2-Havana"
5-14 Es 2034 KTVI-2 St. Louis, MO	6-2 Tr 2000 6-10-12 Providence, RI
5-16 1600 WMAB-2 State College, MS	6-5 Es 1800 WEDU-3 Tampa, FL
5-23 1530 KUSD-2 Vermillion, SD	1807 WJXT-4 Jacksonville, FL
1700 KLNE-3 Lexington, NE	6-7 1030 CBWFT-3 Winnipeg, Manitoba
5-24 0845 UNID-2	"with CBC test pattern"

(nice to see you in Dunkirk and get your suggestions, dp)

Peter C. Gennuso 636 Main Street Dunkirk, New York (EST)

6-18 Es 1240 KATC-3 Lafayette, LA 1175	6-29 Es 2050 KTEW-2 Tulsa, OK 0975
1305 WTHS-2 Miami, FL 1175	2100 KOCO-5 Oklahoma City, OK 1075
6-20 Tr 2400 WXX1-20 Rochester, NY	2135 KCKT-2 Great Bend, KS
0035 WENY-36 Elmira, NY	7-2 Tr 0611 WCBS-2 New York City, NY 0350
6-21 Es 1925 KQTV-2 St. Joseph, MO 0810	7-3 Es 1700 KLNE-3 Lexington, NE
1935 KCKT-2 Great Bend, KS 1050	1720 KTVG-6 Ensign, KS (Dodge City)
Tr 2300 WKBD-50 Detroit, MI	7-7 Tr 0715 WKAR-23 E. Lansing, MI
2330 WXON-20 Detroit, MI	0800 WUHQ-41 WEYI-25 WTUS-56 WKBD-50
6-25 Es 0220 CKX-5 Brandon, Manitoba 125	7-8 0230 WISN-12 Milwaukee, WI
0235 CBWFT-3 Winnipeg, Manitoba 080	0314 WTRF-7 Wheeling, WV
0340 CKCK-2 Regina, Sask 1340	0530 WBBM-2 Chicago, IL 0425
Tr 0845 WEYI-25 Saginaw, MI	0604 WBZ-4 Boston, MA 0425
Es 0915 KLNE-3 Lexington, NE 1075	7-11 0537 WCBS-2 New York City
Tr 1513 CITY-79 Toronto, Ontario	Es 2103 KNOP-2 N. Platte, NE 1125
1530 WBGU-57 Lima, OH 0275	2129 KYTV-3 Springfield, MO 0825
1745 WGTG-30 Toledo, OH	2200 KWGN-2 Denver, CO 1325
2250 WTVS-56 Detroit, MI	2236 KLNE-3 Lexington, NE
2300 WUHQ-41 Battle Creek, MI 0300	7-12 Tr 0845 WSTV-9 Stuebenville, OH
6-26 Es 0010 KDIX-2 Dickinson, ND 1150	7-13 0800 WUPU-10 Sault Ste Marie, MI 0375
0100 KOTA-3 Rapid City, SD 1210	0825 WWTN-9 Cadillac, MI
6-27 0140 KDLO-3 Watertown, SD 0925	0857 WLUC-6 Marquette, MI 0510
0200 KTVI-2 St. Louis, MO 0675	0915 WGTU-29 Traverse City, MI 0360
1910 KALB-5 Alexandria, LA 1050	1000 CKNC-9 Sudbury, Ontario 0300
1920 WABG-6 Greenwood, MS 0840	1040 CKSO-5 Sudbury, Ontario
2000 KETS-2 Conway, AR 0900	1115 CFCH-10 North Bay, Ont 0275
2030 KTBS-3 Shreveport, LA 1050	1220 CBFST-7 Sturgeon Falls, Ontario
2134 KARK-4 Little Rock, AR 0900	1330 WXX1-20 Rochester, NY
2200 KFDX-3 Wichita Falls 1200	Es 2100 KLNE-3 Lexington, NE
6-29 2030 WKY-4 Oklahoma City, OK 1075	Es 2200 KWGN-2 Denvers CO 1325

Michael Wimer		1939 Morris Street		New Castle, Pennsylvania 16101		(EDT)					
5-23	Es	2030	KLNE-3	Lexington, NE	N1030	6-8	Tr	0230	WUTV-29	Buffalo, NY	N0160
		2030	KNOP-2	N. Platte, NE	N1080			0300	WNED-17	Buffalo, NY	N0160
		2100	KHAS-5	Hastings, NE	N0970			0330	CITY-79	Toronto, Ontario	N0195
		0230	KYTV-3	Springfield, MO	N0850	6-13		1400	CBLT-5	Toronto, Ontario	R0195
		0300	KFDX-3	Wichita Falls	R1150			1400	CKVR-3	Barrie, Ontario	R0243
		0330	KTBS-3	Lafayette, LA	R1010			1430	CKCO-2	Wiarnton, Ontario	R0342
5-26		2100	KHAS-5	Hastings, NE	R0970			1430	CKNX-8	Wingham, Ontario	R0209
		2130	KGLO-3	Mason City, IA	N0700			1500	CHEX-12	Petersborough, Ont	R0220
		2200	KTIV-4	Sioux City, IA	R0840			1500	CFTO-9	Toronto, Ontario	R0195
		2200	KLNE-3	Lexington, NE	R1080			1515	CKCO-13	Kitchener, Ontario	R0234
		2230	KNOP-2	N. Platte, NE	R1030			1530	CHCH-11	Hamilton, Ontario	R0225
5-28		2130	KGLO-3	Mason City, IA	R0700			1530	CKLW-9	Windsor, Ontario	R0185
		2200	KHAS-5	Hastings, NE	R0970		Es	2100	WEDU-3	Tampa, FL	R0920
		2230	KNOP-2	N. Platte, NE	R1080			2115	WTVJ-4	Miami, FL	R1050
		2230	KTIV-4	Sioux City, IA	R0840			2200	WCIX-6	Miami, FL	R1050
6-6		2130	KOTA-3	Rapid City, SD	N1210			2230	WPTV-5	W. Palm Beach, FL	R1020
		2230	KTEW-2	Tulsa, OK	N0960			2300	WDBO-6	Orlando, FL	R0895
		2300	KQTV-2	St. Joseph, MO	N0790			2330	WPBT-2	Miami, FL	R1050
6-7		0130	KTVS-3	Sterling, CO	N1225			2330	WESH-2	Daytona Beach, FL	R0900
		0200	KWGN-2	Denver, CO	N1300			2400	WEAR-3	Pensacola, FL	R0920
		0230	KOA-4	Denver, CO	N1300			(Total stations now 118)			

J. Joel Rosenberg		47 Pannahill Road		Downsview, Ontario		(EDT)					
5-14	Es	2000	KATC-3	Lafayette, LA	R1100	6-17	Tr	1530	WLYH-15	Lebanon, PA	N0285
5-16		1345	UNID	n8 ID's				+ Scranton 16-22-28		Elmira 18-36	
5-23		2130	WBRC-6	Birmingham, AL	N0810			1550	WITF-33	Hershey, PA	N0280
5-25		1930	KTCA-2	St. Paul, MN	N0680		Es	1730	WPBT-2	Miami, FL	R1250
5-29		1100	WTHS-2	Miami, FL	R1250	6-18	Tr	0015	CBOTF-9	Ottawa, Ontario	
		1225	WEDU-3	Tampa, FL	R1000			1200	WNEO-45	Alliance, OH	N0210
		1330	WDSU-6	New Orleans, LA	R1100	6-19	Es	1300	WLBT-3	Jackson, MS	
6-3		1430	UNID-4	New Orleans, LA	R1100	6-20	Tr	0030	WDCA-20	Washington, DC	N0340
6-5		1830	KPRC-2	Houston, TX	R1200			0035	WTPA-27	Harrisburg, PA	N0275
6-6		1900	KRIS-6	Corpus Christi	T			0045	WITF-33	Hershey, PA	R0280
		1830	KHPL-6	Hayes Center	NE	N		0045	WBFF-45	Baltimore, MD	R0340
		2100	KDUH-4	Hay Springs, NE	R	N		0135	WHP-21	Harrisburg, PA	R0280
		2100	KPLO-6	Reliance, SD	N	R		0135	WLYH-15	Lebanon, PA	R0285
6-7		1230	KLNE-3	Lexington, NE	R	R		0200	WCAU-10	Philadelphia	N0340
		1230	KTVS-3	Sterling, CO	R	R		0900	WNEO-45	Alliance, OH	R
6-11	Tr	1000	CKLW-9	Windsor, Ont	R0200	6-21		0900	WNEO-45	Alliance, OH	R
		1100	WIIIC-11	Pittsburgh, PA	R0230	6-25	Es	2300	KDIX-2	Dickenson, ND	R
		1200	WBNS-10	Columbus, OH	N0320	6-29		1900	UNID		
6-13	Es	1900	UNID-6	Spanish (Miami?)				"Super tropo opening on July 7-8; one of the best ever. Saw Illinois, Indiana, Philadelphia. Details next time."			
6-16		1300	UNID-6	west							

William G. Thompson		1907 Seneca Street		Buffalo, New York 14210		(EDT)						
6-3	Es	0158	WESH-2	Daytona Beach	4324N	6-44	Tr	2330	WAKR-23	Akron, OH	3434R	
6-6		1758	KHPL-6	Hayes Center, NE	4434N	6-15		0013	WKJG-33	Ft. Wayne, IN	2235N	
		1759	KFYR-5	Fargo, ND	4432N			2115	CICA-19	Toronto, Ont	5555R	
		1828	KPLO-6	Reliance, SD	4423N			2115	CBFLT-25	Toronto, Ont	4555R	
		1929	KOTA-3	Rapid City, SD	3312N	6-16		0242	CITY-79	Toronto, Ont	1245N	
		2230	KRMA-6	Denver, CO	3113N	6-17	Es	1859	WPTV-5	W. Palm Beach, FL	4212R	
6-7		0248	KWGN-2	Denver, CO	4414N			1859	WCIX-6	Miami, FL	4312R	
		1152	CBWFT-3	Winnipeg, Man	3022N	6-20	Tr	"Exceptionally strong Tr from Johnson, Rochester, Syracuse, Deseronto, Ont."				
6-8		1900	KLNE-3	Lexington, NE	2142N	6-25	Es	0230	KREM-2	Spokane, WA	4413N	
6-9	Tr	"Erie U's near local strength."						Tr	1359	WTOL-11	Toledo, Ohio	4453R
6-10		2200	WAUB-43	WKBF-61	Cleveland, OH			1359	WSPD-13	Toledo, OH	4554R	
		0130	WKTV-2	Utica, NY	3454N	6-26		0217	WPSX-3	Clearfield, PA	2042N	
		0240	CKWS-11	Kingston, Ontario	4555R	6-27	Es	0159	WMT-2	Cedar Rapids, IA	3012N	
		0611	WJ3K-2	Detroit, MI	3233N			0200	KTIV-2	St. Louis, MO	4524N	
6-11	Es	1259	WEAR-3	Pensacola, FL	4432N	6-29	Au	0302	KARD-3	Wichita, KS	1331R	
6-12	Tr	2328	CJOH2-6	Deseronto, Ont	4555R			2316	UNID, 2-6			
		2336	CHEX-12	Peterborough, Ont	3534R		Ms	0556	WCBS-2	New York City	3015N	
6-13		0120	CKIX-8	Wingham, Ontario	4555R		Es	1730	WUFT-5	Gainesville, FL	3232N	
	Es	1759	WCIX-6	Miami, FL	4424N			1859	WWAY-3	Wilmington, NC	1221N	
		1759	WPTV-5	W. Palm Beach, FL	4322N							
		1830	WEDU-3	Tampa, FL	2132N							

David J. Egan 12a Andrew Valleyfield, Quebec J6S 3B2 (EDT)

"Another long report, as the DX continues to pour in. June 27 had at least four new via skip. 200 stations isn't out of reach now. ... Total now stands around 177."

- 6-5 Es 1370 WTVJ-4 Miami,FL(1721) 2048 WUFT-5 Gainesville,FL(1190) 2050 WEDU-3 Tampa,FL
 6-6 1800 WEDU-3 Tampa,FL 1705 WTVJ-4 Miami,FL(1370) 1335 WPTV-5 W.Palm Beach, FL
 6-10 Tr 1930 WNPE-16 Watertown, NY(125) 2045 WX11-21 Rochester,NY(225) WNPI-18 off 4 days
 6-11 Es 1530 KYTV-3 Springfield,MO(1135) 1300 WJXT-4 Jacksonville,FL(1100) skip out 1607
 "Valleyfield struck with severe thunderstorm 1830-2000; tornado at Malone, NY."
 6-13 1819 WESH-2 Daytona Beach(1185) 1747 WEDU-3 Tampa,FL 1715 WTVJ-4 1800 WCIV-4(910)
 1732 WPTV-5 Palm Beach,FL(1335) 1717 UNID-6 Beverly Hillbillies/Lucy/Gomer
 6-16 "Surprise opening at 0135 with locals 3 & 4 off."
 0144 KGL0-3 Mason City,IA(970) WCCO-4 Minneapolis,MN(920) 0208 KSTP-5 St.Paul,MN
 1432 KTBS-3 Shreveport,LA(390) Au UNID-7,9,10 1945-2000
 6-17 Ms 0719 UNID-10 "strong burst" 0720 WLWD-2 Dayton,OH(650) "AVCO test pattern"
 Es 1700 WESH-2 WTHS/WPBT-2 Miami,FL WEDU-3 Tampa,FL 17 5 WTVJ-4 1912 WUFT-5(1190)
 6-19 Tr 0540 CFT0-9 Toronto(290) 0542 WSYR-3 Syracuse 0547 WTIC-3 Hartford,CN(250)
 0548 WBZ-4 Boston,MA 0604 WJAR-10 RI(270) 0629 CBVT-11 Quebec(170) 0610 WTEN-10
 0610 WHEC-10 Rochester,KNY 0617 WGR-2 Buffalo 0620 WCSH-6 Portland,ME(210)
 0624 WCDC-19 Adams,MA(190) 0625 WRGB-6 Schenectady(170) 1500 CFCM-4 Quebec City
 1500 CKMI-5 Quebec City(170) 1735 WMHT-17 Schenectady(170)
 6-20 2444 WUTV-29 Buffalo 0150 WBen-4 Buffalo 0609 WKBW-7 Buffalo 0617 WNAC-7 Boston
 0610 UNID-8 WGal? 0705 CFCM-4 Quebec City 2350 WBRE-28 Wilkes-Barre,PA(280)
 6-21 0128 WTIC-3 Hartford(250) 0130 WHEC-10 0137 WCVB-5 Boston 0140 CBVT-11 Quebec
 0150 WNAC-7 0215-0245 UNID-8 WTNH? New Haven,CN 0610 WTEV-6 New Bedford,MA(290)
 0613 WCSH-6 Portland,ME 0626 WRGB-6 0630 CJOH-6 Deseronto,Ont(165) "Can you im-
 agine the mess on channel 6 here? I think CJOH was a big mistake, as channel 6
 is now ruined. The locals here are too close together on channel 6."
 2155 CFCM-4 2159 CKMI-5 Quebec City 2200 CBVT-11 "better than 4 & 5" CKTM-13(115)
 6-22 0240 CKRT-7 Riviere du Loup,PQ(285) "a rare station...CBC French, not English."
 1830 WENH-11 Durham,NH(240) 0628 WVTB-20 St. Johnsbury,VT(105) "good"
 6-23 0147 WSYR-3 Syracuse,NY(170) 0203 WR0C-8 Rochester,NY(225) "excellent"
 6-24 0700 WKTU-2 Utica,NY(150) 0702 WSYR-3 Syracuse(170) 0705 WBZ-4 Boston 0716 WMTW-8
 0723 WR0C-8 0809 WMUR-9 Manchester,NH "over CBOFT-9" UNID-27 Worcester,MA?
 6-25 Es 1230 KTBS-3 Shreveport(1390) 1229 KARK-4 Little Rock(1200) 1238 UNID-6 Shreveport?
 6-26 2310 KYTV-3 Springfield,MO(1135) 2311 KMTV-3 Omaha,NE 2259 WMC-5 Memphis,TN(1095)
 6-27 2432 KQTV-2 St.Joseph,MO(1125) 0104 KCKT-2 Great Bend,KS(1365) 0117 KTVI-2 StLouis
 0135 KTEW-2 Tulsa,OK(1345) 0209 WDAF-4 Kansas City,MO 1649 WCBD-4 Charleston,SC
 1625 WEDU-3 1700 WSAV-3 Savannah,GA(975) 1730 WBTU-3 Charlotte,NC 1759 WRBL-3 GA
 1759 WR0C-3 Memphis,TN 1758 WTVY-4 Dothan,AL 1754 WFBC-4 Greenville,SC(845)
 1826 WCB1-4 Columbus,MS(1110) 1943 KARK-4 Little Rock 1800 WAGA-5 Atlanta,GA(955)
 1817 WCYB-5 Bristol,VA(740) 1840 WMC-5 Memphis(1095) "local news"
 6-29 1300 WESH-2 Daytona Beach,FL 1304 WJXT-4 Jacksonville,FL 1748 WKRG-5 Mobile(1265)
 1759 WDAF-4 Kansas City,MO 1805 KYTV-3 Springfield,MO 1823 WDBO-6 Orlando,FL(1180)
 1833 WUFT-5 Gainesville,FL 1847 WCSG-5 Charleston,SC 1905 WSAV-3 Savannah,GA
 1829 WOI-5 Ames,IA(1015) 1939 WTVY-4 Dothan,AL "peak of skip reached at 1857;
 channel 6 obliterated; stronger than June 27" 2034 KARK-4 2047 WVL-4 2045 KALB-5
 6-30 1505 WTVY-4 1518 WWAY-3 1520 WTVJ-4 1651 WJXT-4 1717 WCSG-5 1800 WCIV-4 WKRG-5 AL
 1830 WSAV-3 Savannah,GA 1837 "heavy skip again ch. 2-4 1843 2-3 obliterated 1844
 ch.4 heavy 1845 beginning again on ch.5 1850 ch.6 obliterated" 1845 UNID-5 WLAC?
 1858 KARK-4 1905 WMC-5 Memphis,TN 1909 UNID-4 Bloomington,IN? 1919 KYTV-3 "KY3"
 1924 WVL-4 New Orleans "skip dying out at 1940; building to ch.6 1948; out 2000"
 7-2 Tr 0301 CBFT-11(CBFT-1) Mt.Tremblant,PQ(75)"off as CBFT at 0301"

Bob Foxworth Mineola, New York (EDT)

- 6-29 Es 1900 KYTV-3 Springfield,MO 16-30 Es 1900 KMTV-3 Omaha, NE
 6-30 1800 KYTV-3 "in again" 2000 KGL0-3 Mason City,IA
 1830 KTV0-3 Ottumwas,IA "Seems Es moved gradually north, then south;ch.6 1900-45"

James Brann Glen Heights Chapel Hill, North Carolina 27514 (EDT)

- 5-23 Es 2200 KTCA-2 St.Paul,MN 3011N0980 6-2 Es 1300 WKY-4 Oklahoma City R1015
 5-26 1630 WML-4 New Orleans,LA 2313N0770 1405 KFDX-3 Wichita Falls R1250
 5-27 1700 UNTD-2 thru 6 "out at 1900" 1936 KARK-4 LittleRock 3323R0875
 5-28 1735 WIPM-3 Mayaguez,PR 3012N1447 6-3 Tr 0830 WFBC-4 GreenvilleSC R0190
 6-2 1230 KARD-3 Wichita, KS 3433R1015 Es 1800 K111-3 CorpusChristiTXR1312

Log total is now 65. James uses a Zenith B/W set with rabbit ears and a BTX-11 UHF con-
 verter with a UHF loop.

SERVING THE
VHF-UHF DX
ENTHUSIAST



P. O. BOX 163
DEERFIELD, ILLINOIS 60015

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

Dues: US and Canada: \$7 third class mail and \$9 first class, per year. Overseas: \$8 per year.

VUD Back Issues Available:

(1973) May, June, July, August.

All back issues are 75¢ each, by special 4th class or 1st class.
#####

FM Atlas and Station Directory: \$2.50 3rd class, \$3 1st class. By Dr. Bruce F. Elving, WTFDA FCC FM column editor. Very detailed, and probably the most accurate FM listing available. Offset printed.

Stationery: Features official WTFDA emblem printed in blue. Ideal for all your correspondence. 45 sheets: \$1.

LOG Sheets: Perfect for keeping your running log neat and organized. Punched for a three ring binder. Pad of 100: \$2.

VUD Boxes: A great way to keep your copies of the VHF-UHF DIGEST neat and protected. Very attractive and a bargain at \$1.25!

Station Report Forms: For requesting QSL's. 45 sheets: \$1.

DX Column Report Forms: For reporting to columns. Free w/ SAGE

All persons contributing their efforts for the Worldwide TV-FM DX Association, including editors, writers, artists, reporters and board members do so without any monetary compensation. Dues and all other revenue cover printing, postage and other expenses.

The WTFDA is governed by a five man board of directors. Board members are Dave Janowiak, Bruce Elving, Ferdinand Dombrowski, Gary Olson and Morrie Goldman. VUD Editor: Morrie Goldman; Publishers: Gary Olson & Morrie Goldman; Comptroller: Gary Olson; Bookkeeper: Bruce Elving; Sample & Supply Processing: Dave Janowiak

THIRD CLASS

