

VHF-UHF DIGEST

the official publication of the Worldwide TV-FM DX Association

JULY 1976

BICENTENNIAL ISSUE



ANNUAL CONVENTION

publishers' notes...

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

VUD CHANGES FACE (AGAIN)...With this, our "red, white, and blue" Bicentennial Issue (and the largest VUD ever published, with the equivalent of 72 pages), the VHF-UHF Digest once again changes its cover format. Member criticisms about the design instituted three months ago prompted us to contact member Harry Hayes, who provided the format shown on this month's cover. Your editor, who designed the previous format, feels the new cover design is an improvement, and will probably represent the VUD for many months to come. As always, your comments about any facet of the VUD are welcomed and are greatly appreciated...As our nation celebrates its 200th birthday, the time seems appropriate for WTFDA to reflect on its history also. John Zondlo presents a complete and concise bulletin-by-bulletin account of WTFDA's past, commencing on page 25.

CONVENTION '76...This year's gathering will undoubtedly be the largest in WTFDA's history. Virtually the entire VUD editorial and publishing staff plans to attend, including your editor and many prominent DXers! Convention host Morrie Goldman has the complete details on this year's festivities, beginning on page 6 this month. A registration form can be found in the center of the issue. To avoid damage to the form or magazine, gently bend the ends of both staples upward and lift the form from the center of the VUD. If not planning to attend, you may wish to leave the form in place, to preserve the integrity of our red, white, and blue VUD edition.

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SUPPORT YOUR CLUB!

by Clarke W. Ingram, Editor-In Chief, VHF-UHF Digest

WTFDA is beginning to recover from the most serious slump in its history, but its impact is still felt, and the long, hard road back is far from over. Throughout this "recession," it has been emphasized that increased member participation in club affairs was necessary for WTFDA's total recovery. In the hopes of awakening some inactive WTFDA members who could (and should!) be contributing to the club, we are editorializing for two pages this month on the theme "SUPPORT YOUR CLUB!" Below are numerous ways in which you can help WTFDA become a better organization, some of which you may never have even considered. Carefully scrutinize the opportunities below, and see how many you've already become involved with. Then, take the time to become involved with the others!

REPORT YOUR DX....All too many members seem to feel that their DX is of no importance to the rest of the membership. Nothing could be further from the truth! The fact is that many WTFDA members joined our organization to compare their results with the accomplishments of others. This they cannot do without your help! Reporting your DX catches each month to the proper column editors will aid other members, perhaps even to the point of IDing new loggings, and will present a more accurate representation of the WTFDA membership to VUD readers and others. We realize that much illogic has been perpetrated in the allocation of reporting areas, and that the editor situation is in an almost constant state of flux, but please bear with us until these matters are resolved at the WTFDA Convention. If you hesitate to report your DX due to a lack of experience, keep in mind that when most of us joined WTFDA, we had never heard of "E-skip," "tropo," and other DX propagations as such!

BUY WTFDA SUPPLIES....Here's one way in which you can help Headquarters economize on operating costs, which have increased tremendously in recent years. All club supplies, listed on the back cover of each VUD issue, are reasonably priced and enable the club to make a small profit while selling you quality merchandise. Some of the supplies and literature, such as the TV Station Guide and UHF Translator Guide, are invaluable aids to DXing, and cannot be found elsewhere. In addition to the supplies listed on the back cover, the USA Test Pattern Guide (see below) will be available in early 1977. Invest in your club's supplies today!

PURCHASE REPRINTS....Recently, because of member demand, the WTFDA Reprint Service began operation. As a WTFDA member, you now have access to over 180 pages of technical and informative material which has appeared in the VUD since May 1972. Now is your chance to improve your DXing knowledge and techniques by obtaining reprints of these articles! Club profit on these reprints is far from great, but it will make the difference in keeping our membership rates at a reasonable level. A complete WTFDA Reprint Service Catalogue is included in this month's VUD; take advantage of it! (Articles appearing in mimeographed VUDs from 1968 to early 1972 are not available; but until these features are indexed and catalogued, we will continue to bring updated versions to you in the VUD.)

RECRUIT NEW MEMBERS....This may be the most important suggestion of all. WTFDA lost a substantial number of members during its period of difficulty, and these members must be replaced if our club is to continue at its level of excellence. Discuss WTFDA with your friends, neighbors, or relatives, and perhaps show them a sample VHF-UHF Digest. If they show an interest, ask them about equipment, their specific DX interests, etc. If, after all this, they still seem sold on WTFDA, give them Headquarters' address, and HQ will send out a membership application. In fact, it might not be a bad idea to write HQ for a supply of membership brochures before you begin your campaign. You might even consider going straight to the doors of any near neighbors with elaborate antenna installations!

MEET COLUMN DEADLINES.... Most DX and feature columns in the VUD have their deadlines around the 10th of each month. You can help to make the workload of your editors much easier by mailing your reports, totals or photos early. This gives each editor time to properly organize his material before typing the column, which must be mailed to reach this writer by the 20th of each month. If your contributions are late, the editor's column is typed late, then is mailed to me late, making the VUD paste-up late, which causes the VUD to be printed late, mailed late, and reaching you late! Thus, early reporting on your part benefits all WTFDAers by decreasing the time needed to place the VUD in your hands...help yourselves!

SEND IN TP PHOTOS.... If you haven't yet heard of our project to compile an all-inclusive USA Test Pattern Guide for publication, see elsewhere in this issue for details and a list of stations we do have, then find a camera and take pictures of the test patterns of any local stations that we don't have. By sending these to your editor at 5201 Colewood Drive, Pittsburgh PA 15236, you will be aiding the many TV-DXers who suffer through unending variations of test patterns. Instructions on how to photograph your TV screen can be found in Beyond Shortwave, and on page 29 of the August 1975 VUD. We will appreciate your help!

THINK OF IDEAS.... and don't keep them to yourself! WTFDA is in constant need of feature articles, equipment reviews, suggestions for improvement of the club and our magazine, and other such materials. So, if your creative juices have been flowing lately, drop a line to WTFDA Headquarters, PO Box 163, Deerfield IL 60015. After all, how do you think this writer and our column editors got started?

There you have just a few of the things you can do to help WTFDA become a better club. Remember, this club is nothing without you. Your support and participation is needed to keep our organization alive. So get moving!



Clarke W. Ingram
Editor-In-Chief, VUD

A NEW CUBAN TP

As the 1976 DX season reaches its midway point, it has already brought some memorable loggings to TV-DXers. Recently, your editor was the beneficiary of some well-placed E-skip, which netted a new station (ch 3 Holguin, CUBA) and revealed the existence of a new Cuban test pattern, reception of which is also noted in several of this month's TV DX columns and other reports.



At 1016 EDT on the morning of June 3, the existence of a new Cuban TP first made itself known to your editor. An opening to Florida and Cuba was in progress, with a number of Miami stations noted as well as the TP of the Instituto Cubano Radiodifusion (ICR) network (see August 1975 VUD for a photo of the TP.) As channel 3 was being monitored, a circular test pattern suddenly increased in presence to almost perfect quality for no more than ten seconds. Your editor had time for just two quick photos; one was far out of focus, the other is to the left. Its quality is somewhat inferior, but it is definitely

the test pattern of the TELE-REBELDE network of Oriente province, seen here on channel 3. "Tele Rebelde" is in both upper left and lower right, while the caption "Santiago de Cuba," I believe, is in lower left and upper right.

TEST PATTERN GUIDE 1976 REPORT

THINGS ARE
IMPROVING,
BUT VERY
SLOWLY...

by
Clarke
Ingram

In the August 1975 VUD, we detailed a new project concerning publication of a book containing information on station test patterns across North America. Since that time, many have inquired as to the status of the project, due to the lack of any notice in the VUD. Quite simply, the project is still alive, but it is doomed to extinction if membership contributions do not increase. Initially, response to our call for TP photos was excellent, but support has diminished recently, except for a number of loyal contributors who have been sending many TP pictures regularly. As the 1976 DX season commences, there have been additional photos sent in, but at far from the pace necessary to insure future publication of the TP Guide. We need your help to keep this valuable project viable in the coming months!

A few items have changed since the initial announcement of this project. We do not plan to include Canada or Mexico in the Guide, because of the almost constant state of TP change in those countries, and the incompleteness of most information. We will include Cuba, primarily because that country is known to use only two ID TPs. The United States will be our prime target, but at present we are in dire need of TPs from Western and UHF TV stations.

Below is a complete list of all the stations for which we presently have TP photos. If you can provide a picture for any station not listed below, I ask that you send it in immediately, in anticipation of an early-1977 publication date. Photos can be returned, but will probably be trimmed for the book. Most DXers have often complained about their DX-preventing local TV stations; here's a chance to utilize them for the betterment of the WTFDA!

2-KATU	3-WPSX	6-KRIS	8-WJW	11-WPIX	13-WSPD	22-WAPB	32-WKAB
KDKA	WRBL	WCIX	WOTV	WTOK	WTVT	WDAU	WLKY
KNXT	WSAZ	WDBO	WXEX	WTOL	WVEC	23-WAKR	33-WITF
KOTI	WSYR	WDSU	9-WAFB	WTTW	WZZM	WCEE	WRBT
KPRC	4-KAID	WJAC	WOR	WTVD	14-WMAW	WKAR	WYTV
KTCA	KARK	WJIM	WSOC	12-KFVS	15-KPOB	WLTV	34-WOSU
KTEW	KGBT	WPVI	WSTV	KODE	WHRO	WNJS	WTVX
WBRZ	KMOX	WRTV	WSWP	KPTV	WICD	24-KMJ	35-WSEE
WCBS	WBEN	WTEV	WTWV	KSAT	WMTV	WDHO	39-KHTV
WESH	WCCO	WTVN	WTVT	KTWH	WTAP	WJET	40-KDUB
WGBH	WFBC	7-KETV	10-KLVX	KTRX	16-WAPT	WVVU	KFPW
WGR	WHBF	KHQA	KOLR	WCTI	WNDU	25-WEHT	WCMC
WJBK	WJXT	KIRO	WCAU	WHYY	WQEX	WEYI	WXLT
WLBZ	WOAY	KLTV	WGEM	WHCU	WUSI	WVIZ	41-WUHQ
WMAB	WRC	KMGH	WILX	WISN	17-WLRN	26-KYNE	42-WTVI
WMAR	WSM	KUED	WIS	WJRT	WNED	WETA	43-WUAB
WSB	WTAE	WCKT	WLCY	WJTV	WPHL	WEVU	44-WOUC
WTHS	WTMJ	WDBJ	WPLG	WTLV	WTVO	27-WSMW	WTOG
WTWO	WTTV	WHIO	WLSL	WBWT	18-WHIZ	WYAH	45-WBFF
3-KATC	WWJ	WKBW	WTAJ	13-KERA	WLEX	28-WBRE	WFCB
KENW	5-KALB	WLS	WWUP	KTRK	WMAV	WCPB	47-WTVP
KLEW	KHAS	WMAL	11-KMVT	WEAU	19-KEPR	WJSP	48-WCET
KTVO	KING	WSPA	KPLR	WHBQ	WUCM	WJSV	WKBS
KVDO	KRGV	WTRF	KTHV	WHO	20-WBBH	29-KIMA	50-WKBD
KYW	WABI	WXYZ	KTWU	WIBW	WCJB	WMAA	51-WKID
WBTW	WDTV	8-KESD	KXMD	WJZ	WDCA	WNTV	53-WPGH
WCAX	WEWS	KGW	WHAS	WLOS	WFYI	WTAJ	54-WQLN
WCIA	WKRG	KOLO	WIIC	WLOX	WOUN	30-KDNL	56-WLVI
WEAR	WNEM	KOMU	WINK	WLVA	WXON	KFSN	WTVS
WKYC	WOI	WCHS	WJHL	WNET	21-WFMJ	WGTE	62-WGPR
WKZO	WTTG	WFLA	WLJT	WOWK	31-WNYC	67-WMPB	*****
WLBT	6-KOIN	WISH	WLUK	WQED	WHP	WWPB	

COME TO WTFDA'S BIGGEST CONVENTION!

CHICAGO
AUGUST
6-7-8



For the first time in our history, WTFDA's convention will be held in the world's convention capital-- Chicago. Convention host Morrie Goldman is planning a well rounded program with "something for everyone." There will be talks and demonstrations covering TV, FM and V-UHF public service band DX, and of course, plenty of time for old fashioned gab sessions.

For earlybirds, a tour of a Chicago TV station will be arranged for Friday afternoon. Friday evening activities will be informal and get in full swing at about 7 pm. The convention opening will include get-aquainted sessions, showing of members DX slides, films and tapes, and a possible equipment demonstration.

Saturday, the program starts at 9 am. Features will include a color videocassette recorder and camera demonstration by Gary Olson (of WTFDA and Panasonic). Gary will answer your questions and explain how a VCR can be used as a TV-DXers tool. Tentatively, another demonstration will feature the all new Tennelec MCP-1 microprocessor controlled scanning receiver. The MCP-1 features digital readout of frequencies in all three public service bands with frequency synthesis (no crystals required). There will also be several (member owned) FM tuners on hand for you to tune and compare.

FCC-FM News editor Bruce Elving will introduce you to the sport of DXing the SCA signals transmitted by many FM stations. Bruce will discuss what SCA is, how you can get started, and what equipment is necessary.

Dave Janowiak has prepared an interesting talk on antenna polarization and its effects on DX. Included will be such information as how polarization changes can help you reduce the effects of local signals and bring in DX signals. Other technical and non-technical talks are planned, but not yet finalized. We promise they'll be interesting!

Saturday evening, we'll have the traditional banquet and prize drawing. After dinner, the meeting room will again be open for gab sessions, use of equipment and other informal activities.

Sunday morning brings a continental breakfast and an open discussion about the club. This is the place to give your ideas life! There will also be some important announcements about WTFDA and its future.

Throughout the convention, we'll have free literature covering the newest in antennas, receivers, and accessories. The range will cover PSB receivers to FM and TV accessories. We also invite you to bring any excess small DX gear you might want to sell or swap (no antennas please!). This might be your chance to get a real buy on a preamp, trap or other accessory. You'll also be able to buy WTFDA supplies, including the popular WTFDA TV STATION GUIDE, Log Sheets, and other items.

There also may be a DX "game" of sorts...Clarke Ingram has promised to bring along his electronic TV tennis game, and proposes a "Tournament of Champions." Interested DXers would compete for a possible door prize in elimination matches. Details of this may be finalized at the Convention. Clarke will also be showing his collection of over 330 ID slides obtained from television stations.

If you've ever been to a WFDFA convention, you already know how enjoyable they can be. If this is your first, expect to meet a lot of friendly people ready to exchange thoughts on DXing and equipment. The formal program is only a small part of the story. You'll discover what techniques and gear others use and the kind of success they've had... even what equipment not to buy.

The convention will be held at Chicago's Rodeway Inn, a fine hotel, convenient to major interstate highways and O'Hare International Airport. The Inn will provide free transportation to and from O'Hare. We are also fortunate to qualify for a special convention room rate... \$18 per night, single or double. This rate is very attractive when compared with comparable hotels in the Chicago area. If you'd like to share a room with another DXer, you are encouraged to contact convention host Morrie Goldman as-soon-as-possible. To qualify for these low rates, you must stay at least two nights (Friday and Saturday) and advance register through Morrie Goldman. You can also take advantage of the reduced rates and stay longer to see the city. This is a great chance to combine a family vacation with a DX convention! The Rodeway Inn features a large outdoor pool and free first-run movies in all rooms. Special rooms are available with built-in sauna bath at \$4 additional per night.

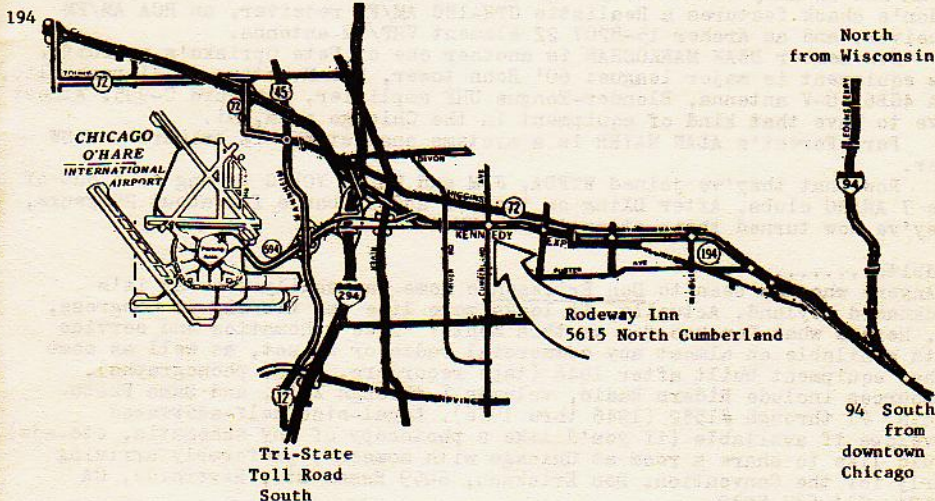
The Rodeway Inn is located at 5615 North Cumberland Avenue, Chicago 60631 (312) 693-5800. (Reservations should be placed through Morrie Goldman and not directly to the Inn.) The Rodeway Inn is clearly visible from hwy 194 at exit Cumberland Avenue South (see map).

If you're planning to bring your family, be sure to allow plenty of time to see the sights. Chicago is noted for having some of the finest museums and restaurants in the world. Other popular attractions include Sears Tower, the worlds tallest building; plays; the "Magnificent Mile" of Michigan Avenue, and much more. Marriotts new Great America amusement center is about an hour away.

The convention registration fee, covering all organizational expenses, refreshments, the Saturday night banquet, door prizes, and Sunday morning continental breakfast is \$14 advance (MUST be received before July 26, 1976) or \$15 at the convention. **WHETHER OR NOT YOU CHOOSE TO PAY YOUR REGISTRATION FEE IN ADVANCE, ADVANCE REGISTRATION (INCLUDING ROOM RESERVATIONS) IS NECESSARY.**

To register, or for additional information, write convention host: Morrie Goldman, 5815 North Christiana Avenue, Chicago, Illinois 60659. Phone: (312)583-2990. Please include a stamped-self-addressed-envelope.

North
from Wisconsin





WTFDA MAILBOX

John Zondlo
6617 Maryland
Hammond, IN 46323
Deadline: 15th

Greetings. Plenty of new members, a lot of renewals, and a bunch of Tidbits this month, so here goes:

Randall B. Clark	Rt. 5 - Dutch Ridge	Parkersburg, WV 26101
George C. Greeley	Box 131	Florissant, CO 80816
Jon Hauko	9323 Shore Road	Brooklyn, NY 11209
Phil Hruskocy	610 Roosevelt Drive	Whiting, IN 46394
James Lamb	Route 1	Frankton, IN 46044
Eldon S. Luoma	10653 137A St.	Vancouver, BC V3T 4J7
Dean Markoshan	10636 Avenue B	Chicago, IL 60617
Alan Mayer	3119 Western Ave.	Park Forest, IL 60466
Edward C. Smith, Jr.	119B Winrow, NBU 34D	Ft. Huachuca, AZ 85613
Winston Smith	4 Rifle Road	Kingston 2, Jamaica
Jim + Karen Young	Box 576	Wrightwood, CA 92397

Rejoin: William H. Harrison-2124 Saranac St.-Adelphi, MD 20783
Renew: John Anderson, David Cox, Bob Curole, Doug Everitt, Ron Fenton, Vane Jones, Rolland Lindblade, R.W. Lord, Andrew Mahoney, Fred McCormack, Royal Randall, Dr. John Ray, Terry Robinson, Peter Skinner, Eric Strahan, Ralph Strobel, Martin Theil, Mel Wilson, Ron Wing.
Address Change: B.W. Battin-Box 1295-Rapid City, SD 57701
David Cox-2007 E. Brandywine Ct.-Birmingham, AL 35216
Ron Fenton-Box 4-Cabery, IL 60919
Daniel Flak-General Delivery-L.G. Hanscom AFB, MA 01730
Peter Skinner-24 Elbridge St.-Worcester, MA 01609

Brooklyn's JON HAUKO is primarily an FM DXer, using a Dynaco FM-5K receiver and a Finco FM5 antenna.

Pete Oprisko would like everyone to know that PHIL HRUSKOCY joined the club because of the article about Pete in the Hammond Compass. Phil is also a former classmate of VUD co-publisher Mike Hogan at Calumet College.

JAMES LAMB lives in an excellent area for DXing (I know, 'cause I lived out there). His DX gear at this time is a Bearcat 101 scanner.

After pondering for 3 years whether or not to join the club, ELDON LUOMA has finally taken the plunge into WTFDA. Also a member of IRCA, Eldon's shack features a Realistic CTR-18C AM/FM receiver, an RCA AM/FM receiver, and an Archer 15-8207 22 element VHF/FM antenna.

New member DEAN MARKOSHAN is another one of Pete Oprisko's recruits. His equipment is major league: 60' Rohn tower, Ham M rotor, CM 7' parabolic, RCA 4GB69 U-V antenna, Blonder-Tongue UHF amplifier, Winegard U-995. Almost have to have that kind of equipment in the Chicago area, hi.

Park Forest's ALAN MAYER is a systems analyst who is primarily a SW DXer.

Now that they've joined WTFDA, JIM and KAREN YOUNG belong to 6 out of the 7 ANARC clubs. After DXing on the CGB and SW bands for about 25 years, they've now turned their attention to FM-TV.

Tidbits.....

Anyone who has been to Don Erickson's home can easily see why it's nicknamed Toyland. Actually, it looks more like the Library of Congress, hi. Here's what Don has for us this month: "Free schematics and service data available on almost any commercial radio or TV set, as well as some other equipment built after 1946 (tape recorders, amps, phonographs). Resources include Riders Radio, volumes I through XXII, and Sams Photo-facts, #1 through #1552 (1946 thru 1976). Legal-size self-addressed envelope if available (if you'd like a photocopy of any schematic, etc.-jz). Would like to share a room at Chicago with someone, preferably arriving early for the Convention. Don Erickson, 6059 Essex St., Riverside, CA 92504. 714-687-5910

This note in from Doug Everitt (1708 W. Maine Ave., Enid, OK): "To help

finance my next antenna project, I'm putting some items up for sale. Would anyone be interested? The following are available: (1) Ancient 4 element channel 4 yagi, needs repair; (2) 10 element channel 9 yagi in very good condition; (3) 44 element UHF log in excellent condition; (4) All sorts of coax connectors. If you're interested, write me for free details. I'd also like to hear from any members interested in multi-mode receiving antennas."

Craig Simons (413 Ridelle Ave, Toronto, ON M6B 1K3) has some news for us: "I am a high school student aged 17, and began DX'ing television about 4 years ago quite by accident. I began to wonder why I was the only person able to pick up these weird stations. My question was finally answered by an excellent article on it in the Toronto Star a year or so ago. So far, I have viewed an infinite number of stations and have identified over 130 stations from Fort Erie (his secondary location-jz) alone. My Fort Erie QTH is far the best for DX'ing--but I am there the least often during the year. I have a Delhi VHF-UHF fringe model antenna up about 45 feet. It has a fantastic front-to-back ratio. I plan to upgrade the system with a parabolic for UHF tropo openings. Could you tell me why I can only receive Es propagation when my antenna is directed to a SW direction? I have tried every other direction--even 180 degrees off, but not even a hint of anything. (Can anyone help?-jz) (SW is propagated by F2 skip, which rarely hits TV. -CWI)

Newcomer Chris Corso (78 McAdam Ave., Toronto, ON M6A 1S7) has this item on the new CN tower (this was written before the stations started broadcasting from there-jz): CBLT (channel 5) will have an ERP of 84,000 watts. CFTO-TV (channel 9) will have a power of 325,000 watts. CICO-TV (channel 19) will go from its present 600,000 watt rating to 1,080,000 watts. CBLFT (channel 25) will go from 234,000 watts to 2,140,000 watts. Channel 79, CITY-TV, will go from an average of 36,000 watts to an average of 186,000 watts. On test runs from the CN tower, CBLT spills over rather strongly on channel 4. This would cause CCI with WBEN-TV/4 Buffalo, New York. Being 4-5 miles from the tower, I cannot estimate the CCI from CBLT's overload for others in southern Ontario. Speaking to a broadcast technician from the CBC, I have learned that if possible CCI occurs with the channel 5's in Bay City-Saginaw, Michigan, area, Cleveland, Ohio, and Syracuse, New York, a reduction in power or a change to a UHF channel for CBLT will take place. Similarly, if possible CCI between CFTO-TV and WNYS of Syracuse, on channel 9, occurs, the CRIC will order a reduction in power or a change to a new spot on UHF is in store for CFTO-TV. CICO-TV-19, of Toronto, will also face similar changes if CCI with WUCM-TV Bay City, Michigan, occurs. If CCI between WEYI, Bay City, Michigan, and WVIZ, Cleveland, occurs with CBLFT on channel 25, a reduction in power or a change to a new UHF channel is likely also. Also, the tower is 1,815 feet above ground, and approximately 2,070 feet above sea level."

Pete Oprisko is searching for copies of the May thru December 1972 VUD's, and he's willing to pay \$2 apiece for them. If you're willing to sell, give him a call collect at (219) 659-2954. Pete is currently in the process of testing a \$1200 SAE Mark VI-B tuner against his Sony ST-5130.

According to Randy Dorman (8113 Spaulding Circle, Severn, MD 21144): Ever since I joined WTFDA I've had correspondence with many other TV DXers and I've enjoyed the hobby even more. I have been looking through magazines, newspapers, and many other publications for news that would be interesting to other TV DX'ers. No luck yet, but I'm still gonna look. Thanks for your time and help." (How about getting an article about yourself in your local paper, Randy? Newspapers are always looking for people with unusual hobbies, and what's more unusual than DXing, hi?-jz)

Muncie, Indiana, member Ralph Strobel is utterly frustrating to me. A music instructor at Ball State University, Ralph has managed to log 516 FM stations in 5 years with his AJ-1510 tuner and 60' Winegard antenna with rotor. Only wish I had that kind of equipment when I lived in Muncie; it has to be one of the best DX spots around.

ANARC's 1976 convention will be held July 23-25 in Los Angeles. For more information, contact D.C. Johnson at P.O. Box E, Elsinore, CA 92330.

Speaking of conventions, WTFDA's in Chicago promises to be one of the best ever. A registration blank is enclosed with this issue of the VUD. If you plan to attend, be sure to register as soon as possible. A number of fine presentations are planned, plus the usual convention gab sessions. Looks like the entire NW Indiana publishing crew will be there, and we all look forward to seeing you.....jz

New Stations Granted

AZ Prescott 98.3 3000 h,v; 175' (reinstatement of 1974 grant)
CO Montrose 94.1 31000 h,v; 1750' country
IN Batesville 103.9 3000 h,v; 100' nr
MS Batesville 95.9 3000 h,v; 153'
MO Springfield K296AS 107.1 m (KRFG 93.5
Greenfield MO translator) 10 w omni.
MT Missoula 93.3 45000 h,v; 2480'; rock;
55 miles primary (1 mv/m); 103 miles
secondary (50 uv/m). Granted over the
objections of KUFM *89.1 and KYSS-FM 94.9
NM Albuquerque *88.3 3360-397' gospel
NY Cortland *90.7 10w State U of NY
NC Salisbury *91.1 10w Catawba College
ND Bowman K249AG 97.7 stereo, middle of
the road and country music, 1 watt, DA,
200 degrees (translator of KBHB-FM 93.1
Sturgis SD).
ND Hettinger K249AH 97.78, 1 w, DA also
200 degrees (KBHB-FM 93.1 translator)mk.
PA Warminster *89.3 10 w Schools (War-
minster is 12 km NE of Jenkintown and is
best seen on New Jersey maps).
SD Custer K280AI 103.98, 1 w, 0' (true
North), DA (KBHB-FM 93.1), mk.
SD Eagle Butte K249AJ 97.78, 1 w, 270' mk
SD Hill City K280AJ 103.98, 1 w, 300' mk
SD Het Springs K280AK 103.98, 1 w, 230' mk
SD Lemmon K249AI 97.78 1 w, 110' mk
SD Philip K249AK 97.78 1 w, 180' (South)mk
SD Spearfish K249AF 97.78 1 w, 270' mk
CONGRATULATIONS to KBHB-FM upon the
grant of the above nine translators to
help spread FM programming and reception
through thinly-served FM areas of North
and South Dakota. I am predicting that
within 20 years the average commercial
or educational FM station will have five
FM translators each—and KBHB-FM is now
well ahead of this projection with nine
translators to its credit.
WA Tacoma K284AA *104.7 (KBIQ 105.3
Edmonds WA translator), middle of the
road and classical music. [miles
NY Riverton 93.5 3000 h,v; 278' 14, 44/
17 Charlotte Analeie 101.1 50000 h,v;
1500'; 48, 94 miles (primary-secondary)
Program Test Authority
(Presumed to be on the air)
AK Ketchikan KRBD *105.9 10 watts
CA Big Bear Lake KT01*-FM* 101.7 90 watts
horizontal and vertical, 1500' above
average terrain; 14, 46 mi covers.
FL Lakeland WCIE*-FM* *91.3 50000 h,v;
330', stereo, gospel; 28, 68 miles.
FL Tallahassee WOND 103.1 3000 h,v; 300'
15 miles primary; 46 mi secondary.
MN Thief River Falls KOSM*-FM* 99.3 \$,
m (easy listening), Mutual; 8, 34 miles.
MS Pascagoula WGUD 106.3 3000 h,v; 177',
12 miles primary; 39 miles secondary
NJ Blairstown WFMV*-FM* 106.3 265 watts

horizontal and vertical, 177'; 12, 39 mi.
NJ Lawrence Township (Trenton) WLCR *89.7
10 watts. Applies for Talking Book SCA:
ND Grand Forks KFJL-FM *89.3 37500 h,v; 275'
classical, National Public Radio, stereo,
25, 64 miles; on 6 am to 12:30 am.
OH Belleaire *88.7 10 w [46 miles
OK Okmulgee KLLS 94.3 3000 h,v; 300', 15/
TX Dallas KCBT *89.3 1500 h,v; 660'15, 45mi
TX Lampasas KLTD 99.3 3000 h,v; 180'; 19,
64 kilometers primary and secondary.
TX Midland KMMJ 103.38 100000 h,v; 922',
44, 90 miles primary and secondary.
VI Castleton UIUV *91.3 10 watts [60 miles
WA Spokane KICN 98.9 28000 h,v; 285'; 23,/
WA Wenatchee KIAM*-FM* 104.9 105 h,v;
1330', gospel; 15, 48 miles
WY Gillette KOLL-FM 93.5 3000 h,v; 272',
14 miles primary; 44 miles secondary

On Air with Changes (Selected)

AL Jasper WBBB-FM 102.5 39000 h,v; 140',
18, 56 miles
CA San Francisco KSAN*-FM* 94.9 30000 h,v;
1210', 39, 82 miles
IN Greenfield WSMJ 99.5 50000 h,v; 490',
51, 116 kilometers
MN Rochester KNXR 97.5 37000 h,v; 620'; 33,
73 miles; KNXR reduced horizontal
coverage, but added vertical polarization.
NE Lexington KRVN-FM 93.1 35000 horizontal
350'; 27, 65 miles. BACK ON AIR after a
hiatus. [260'; 29, 73 miles; \$.
SC Anderson WANS-FM 107.3 100000 h,v; /

Facilities' Changes

AL Albertville WGSB 105.1 adds vertical
CA Los Angeles KUSC *91.5 10700 h,v; 930'
31, 70 miles primary and secondary
CO Lakewood KLAQ-FM 107.5 91000 h,v; 670'
reduces coverage to 39, 84 miles
CO Salida KVRH-FM 92.1 2350 h,v (-1120')
CT Brookfield WINE-FM 95.1 50000 h,v;
470'; 32, 72 miles
FL Panama City WKGC *90.7 9200; 270' (was
10 watts); 18, 53 miles.
GA Atlanta WRFQ *89.3 adds vertical
IN Pendleton WEEN *91.7 " (10 w)
IA Davenport KIKK 103.7 FCC news release
says vertical, but FCC could be in error
as previous reports about KIKK have
made no reference to vertical.
MD Baltimore WLIF 101.9 13500 h,v (960');
33, 72 miles. Increasing power to max-
imum permitted under new FCC coverage
curves; not within 250 mi of Canadian
border or 199 miles of Mexican border,
so WLIF's grant was expedited, unlike
the case with stations in Boston and
Chicago, as well as southern California.
MA Gloucester WVCA*-FM* 104.9 2250 (h
only); 167'; 10, 37 miles; classical.
NE Crete KTAP 103.9 225' (3000 h,v)
NH ALBUQUERQUE KFNG 107.9 77000 (h only)

-41'; to be rock.
NC Shelby WOH5-FM 96.1 2600 h,v; 440',
17, 50 miles. ON AIR with these
facilities!
PA Bellwood WHGM 103.9 250 w; 870'
(presumably deleting v; recent
construction permit rescinded).
TN Lenoir City WLL-FM 93.5 3000;
165'; 11, 38 miles
TN Nashville WZZZ 92.9 adds vertical
WA Olympia KAOS *89.3 400 watts (h);
(-14'); decreases coverage
WV Charleston WGBE 97.5 50000 h,v;
500'; 33, 73 miles
WI Middleton-Wisconsin WMAJ-FM 106.3
1800 h,v; 375'; 15, 46 miles

Formats/Networks

AL Birmingham WERC-FM 106.9 rock
CA Sacramento KWOOD 106.5\$, Dolby, rock
CT Bridgeport WPKM *89.5 rock, jazz
CT Danbury WDCI *91.7 rock
CT Hartford WRTC *89.3 ethnic, rock
CT Middletown WESU *88.1 UPI Audio
CT New London WCNI *91.5 rock
IL Joliet WLLI 96.7 rock (was country)
"Hit Parade"; \$. [road (was country)
IA Dubuque KINW 103.3 middle of the/
LA New Orleans WYLD-FM 98.5 gospel
(was soul); drops stereo.
WV-FM 101.9 middle of the
(from rock); apparently the rock
programming was a source of embar-
rassment to Loyal U., much the same
as WGTB *90.1 Washington DC involved
its parent institution—Georgetown U
—in a controversy that took WGTB off
the air; however, WGTB is slated to
soon return to the air.
NE Portland WDGS 97.9 Am. Entertain-
ment Network affiliate [was rock.
ND Cumberland WPMV 102.9 gospel, \$/
MA Boston WRRB *91.7 rock-soul
WCOB-FM 100.7 country; NBC (was
rock)
MA Cambridge WTBS *88.1 no stereo
MA Framingham WDJM *91.3 rock
MA Franklin WCAO *91.3 rock
MA Maynard WAVM *91.7 rock
MA Medford WNEF-FM 107.9 adds Dolby
MA Milton WMLN *91.5 rock
MA North Adams WNBG-FM 100.1 AP-Audio
MA Northampton WHMP-FM 99.3 rm
MA North Andover WNNC *90.5 rock
MA North Dartmouth WUSM *90.5 rock
MA Orleans WVLC-FM 104.7 AP Audio
MA Springfield WAIC *91.9 soul-rock
MA Tisbury WVOI 92.7 when last heard
on 95.9 was country; still believed
to be off the air due to finances.
MA Walpole WWAU *91.5 rock
MA Waltham WCRB 102.5 adds Dolby
MA Weston WRSB *88.3 rock
TN Chattanooga WDEF-FM 92.3 m (not k)

MA Worcester WICN *90.5 classical, rock; \$
 " WCUM *91.3 Spanish, rock
 MI Dearborn WNIC-FM 100.3 Mutual news
 only after midnite; calls self "FM-100."
 MI Detroit WCAR-FM 92.3 \$; m (not r)
 MN Grand Rapids KAXE *91.7 NPR; \$
 MS Hattiesburg WHSY-FM 104.5 m (from mr)
 MT Great Falls KNUW 94.5 ABC Information
 (was ABC-FM); \$ stereo, rock.
 NJ Cape May WRIO 102.3 mg (may be \$)
 NJ East Orange WFMU *91.1 prog. rock, jazz
 NJ Trenton WBJH 101.5 rock (from r-soul)
 NY Saratoga Springs WKAJ-FM 102.3 UPI Audio
 OK Henryetta KHEN-FM 99.5 drops \$ stereo, r
 PA Bethlehem WEVZ 95.1 rock
 PA Charleroi WWMF 98.3 mr
 PA Ellwood City WFEM 92.1 k (from m)
 PA Mercersburg WRCV 92.1 rock
 PA Scranton WGB1-FM 101.3 rock (was m)
 PA Warren WRRN 92.3 m and prog. rock
 RI Providence WDOM *91.3 rock
 RI Smithfield WJMF *91.5 rock
 SC Georgetown WGBB 97.7 rock (from m)
 VA Martinsville WMYA-FM 96.3 r & prog. r
 WV Keyser WKLP-FM 94.1 m (from country)
 WV St. Albans WKLC-FM 105.1 m (from mk); \$
 WI Wausau WTCF 95.5 ABC-FM [French
 NB Saint John CBZF 102.3 no \$ stereo; /
 NS Halifax CBH-FM 102.7 classical; \$
 Ont., Ottawa CKBY 105.3 kc; c'assical
 after midnight. Last-minute news:
 AZ Apache Junction KSTM 107.1 rock
 MT Scobey KCGM 95.7 UPI Audio
 TX El Paso KAMA-FM 93.1 Spanish, rock; \$
 TX Harlingen KLT 94.5 "Great American
 Country" (was rock)
 TX Lubbock KLBK-FM 94.5 heard with
 country (was middle of the road)
Dual-City Identification Granted
 MA Waltham WCRB 102.5 adds Boston

Stereo Stations, or to go \$tereo

CA Bishop K100 100.7
 FL Crystal River WRYO 98.5, gospel
 GA Brunswick WWSB 100.7, m
 IA Clarinda 106.3, mk
 ME Scarborough WJBO-FM 106.3
 MA Pittsfield WQRB 105.5
 MA Taunton WRLM 93.3 rm, AP Audio
 MA Waltham WBSR *91.7
 MN Minneapolis WCTS*100.3
 MS Clarksdale WJBI 101.7
 NH Manchester WGIR-FM 101.1
 NH Peterborough WSLE 92.1, despite all-
 news, NIS format, still carries true
 \$ stereo at various weekend times
 NJ South Orange WSOU *89.5; adds ABC
 Information network besides \$ stereo.
 NY New York WFUV *90.7; also adds
 ABC Entertainment network.
 TN Jackson WKIR 104.1, rock
 TX Victoria KCVN 95.1, rm
 VT Rutland WRUT 97.1 adds NBC, too.
 WI Kenosha WGTD *91.1, and middle/road.
 WI Menomonie WVSS *90.7 and rock
 WI New Richmond W1XX-FM 107.1

SCA (67 kHz) Activities

AL Selma WTUN 100.1 music
 ID Pocatello KSNN-FM 93.7 adds SCA,
 content unknown
 IA Cedar Falls KHKE *89.5 telemetry only
 LA Franklin KFRM-FM 105.5 music
 LA Lafayette KPFL-FM 99.9 has SCA
 LA New Orleans WEZB 97.1 Physicians
 Radio Network
 OR Portland KOAP-FM *91.5 talking book
 KXL-FM 95.5 no SCA heard; re-
 move listing. KPAM 97.1 music
 KQFM 100.3 music
 KOIN-FM 101.1 sports, talk
 TX Austin 102.3 telemetry only

TX Gatesville KMCS 98.3 telemetry only
 WI Fort Atkinson WFAW-FM 107.3 adds SCA

Call Letters Assigned or Changed

AR Warren 105.5 KWRF-FM | IA Hampton
 CA Hollister 93.5 KHIP | 104.9 KOJH
 DE Newark *91.3 WXDR | IA West Des
 FL Naples 92.1 WNTU | Moines *88.9
 ID Boise *90.1 KRSU | I KDOM
 IL Decatur 95.1 WDOZ | WI Jackson
 IN Chesterton *89.1 WDSO | 106.1 WJOX"-FM"
 IN Fort Wayne *88.3 WLHI | (was WKHM-FM)
 IA Fairfield 95.9 KBCT | TX KTIgore 95.9
 MI Novi *89.5 WNOV | KCAW
 MS Coldwater 95.3 WVIM-FM
 NY Potsdam 99.3 WSNB (from WPDM-FM)
 NY Poughkeepsie *91.3 WVKR"-FM"
 NC Tarboro 104.3 WNTC (WCPS-FM)
 OR Portland 97.1 KPAM"-FM" (from KPAM; no
 indication AM affiliate has changed to
 KPAM(AM); yet FCC now calls the FM station
 "KPAM-FM.")
 PA Huntingdon 106.3 WRLR (WHUN-FM)
 TX Amrillo 98.7 KFRN, g | UT Provo 96.1
 TX Austin *86.7 KAZI | KAYK-FM (KFMC)
 102.3 KMXX, Latin; telemetry SCA
 VT Bennington 94.3 WHGC | WI Mauston
 WA Richland 106.3 KXDD | 92.1 WRJC-FM

Deletion

SD Gregory 101.5 (reverts to application status)

Key to Symbols

* educational station. \$ stereo station
 h horizontal polarization; v vertical
 polarization; w watts (effective radiated
 power); ' height above average terrain.
 DA directional antenna
 c classical; k country; m middle of the
 road (easy-listening); r rock music.
 NPR National Public Radio. Coverages are
 calculated from the new FCC (F 50, 50)
 curves to the 1 mv/m primary and 50 uv/m
 secondary contours in miles or kilometers.

FM INDUSTRY NEWS AND READERS' REPORTS

In a move characterized for stupidity, the FCC is assigning 92.1, a commercial channel, to Muncie IN for educational use by WBST. WBST is on *90.7 with 10 watts, but has long sought higher power and originally applied for 50 kw on 90.7. This application was opposed by WRTV (TV, channel 6) Indianapolis. Now, WBST must be content with 3 kw on a class A frequency, and to make matters worse, another company, Muncie Broadcasting Co., wants the 92.1 frequency for commercial use. So now the FCC is checking to see if 104.9 could be added to Muncie. It would make more sense to give WBST more power on 90.7, have WBST install filters on TV sets that might receive interference, and stop the invasion of commercial frequencies by educational stations.

All the Star stations have been ordered to cease operating by the FCC as of Sept. 2, 1976. Star FM stations are WIFE-FM 107.9 Indianapolis and KEFM 96.1 Omaha. The FCC found "misconduct" against Star's chief owner, Don Burden, and the stations will be deleted unless the FCC reverses itself, or the matter is further delayed. Also soon up for grabs will be the frequencies that would be vacated if the FCC has its way and deletes KROQ-FM 106.7 Pasadena CA (and its AM adjunct) and WHBI 105.9 Newark NJ. WHBI is on the air; KROQ-FM has been silent since 7-29-74. And the FCC has set for hearing the application of WJAI 92.9 Eaton OH to increase to 50 kw at 500' and move to Brookville with its transmitter, 23 km NE of Eaton and in the direction of Dayton, where the application has been opposed by WTUE 104.7 and WDAO (FM) 107.7, both Dayton. If WJAI's application is not granted, the public will be the loser because this class C channel is not

W269AA - KCHL-FM's "stereo" - "Chicken Rock" defined? - Nertz to Hertz! - WNIS' spurious stereo

being efficiently utilized. Even though WJAI is owned by the licensee of WING (AM) Dayton, the main studio of WJAI would continue to be in Eaton, and a city-grade signal would go to both Eaton and Dayton from the improved WJAI.

Cliff Denney of KNIS 94.7 Carson City NV, writing in the National Religious Broadcasters' magazine, claims there are some FM translators that are vertically-only polarized; I thought the FCC would frown on this, but the rules on translators seem vague on this point. Also, translators were supposed to be only on class A channels; yet KBIQ is allowed to build a translator on a class C channel, 104.7, in Tacoma WA (see two pages previously). If you travel through a translator-covered area, try to note its polarization (h, v; or both) and let me know. I know W269AA 101.7 Grand Rapids MN is horizontal only, omnidirectional, using a 10-watt educational FM station-type antenna for transmission (W269AA is now rebroadcasting WGGR 105.1 Duluth now instead of KEZZ 94.3 Aitkin MN). KSJR #90.1 Collegeville MN now on with 100 kw h, v; 860'—and improved coverage.

In Minnesota, KDHL-FM again reported in ersatz stereo—right channel dead and stereo light on. KDHL-FM has not been heard in true stereo since Christmas eve a couple of years ago. KDHL-FM is on 95.9 in Faribault MN. KAUS-FM 99.9 Austin MN reported to have difficulty maintaining a proper program level and elimination of the AM program from leaking in during its late-night call-in program and on the Mutual News after 11 p. m. KSJM 93.3 Jamestown ND has apparently dropped its night rock program; now all middle of the road. WIGM-FM 99.3 Medford WI actually broadcasts from its branch studios in Abbotsford 11 am to noon M-F, excluding weekends and holidays. It uses studio-transmitter link KFK 710, 161.73 mHz.

A Michigan reader sent a copy of the Detroit FM Guide; it contained no Michigan address, only the FM Guide address in New York city, and he sent a very sketchy guide, called Radioland U.S.A. to help you as you drive listen to stations with wide coverage and your favorite formats; however, for Los Angeles it only lists KHJ 930; KMET 94.7; KLOS 95.5; KLAC 570, so you have an idea as to this guide's incompleteness. No indication who puts it out or where it can be obtained. Weather information billboards are going up along MI freeways. A picture of one of the green signs says "Weather Info tune radio to 1250 1440 96.1 102.5" (obviously, in the Bay City area).

WVOI 92.7 Tisbury MA may soon come back on the air, with a sales contract imminent; it is Martha's Vineyard's only radio station. At least two reporters noted the error in a previous column when I accused WBFB 92.5 of being in Buffalo; of course, it is in Rochester NY. Two other readers say to stick to miles, and drop kilometers here and in the FM Atlas; doesn't the metric system have any friends here? Another does not like "megaHertz": "Nertz to Hertz". He was a dumkoff. He had not the foggiest what he had observed. Speaking of errors, the Canadian Radio-Television Commission, in a June 1, 1976 news release still speaks of CJSJ 94.3 Thunder Bay as CKPR-FM (its former call letters). Good that they're still not calling the city "Fort William."

The radio program formats I have used have been based on simplicity (keeping the number of categories small and distinct) and completeness. Any such system should be exhaustive and have categories that are mutually exclusive; thus my system differs from those employed in various segments of the FM and radio industries. One reader attempts to provide definitions for different types of radio programming, and here are some of his categories:

BEAUTIFUL MUSIC: Usually consists of 15-minute segments of easy-listening, beautiful sounds. About 2 to 5 minutes of news on the hour (alternate hours on some stations). A maximum of 2 or 3 commercials every 1/4 hour, often with weather on the 1/2-hour.

PROGRESSIVE ROCK: Rock music consisting of folk, hard rock and/or acid rock album cuts. Little, if any, news. Quite young announcers (often on first name only basis). Many stations quite liberal or slanted towards the left.

CHICKEN ROCK: Usually top-40 rock but seems to be catered towards the adult audience. No acid rock but much in the way of loud music. BUBBLE GUM: Top 40 rock but catered almost entirely to teeny-boppers. Often featuring the "mile-a-minute" mouths. Rushed programming and the "echo-chamber" newscasts. . . Average age of listener seems to be 17.

MIDDLE OF THE ROAD: Occasional top-40, some easy listening, oldies, much vocal. Usually a cool and calm and collected announcer. Commercials seemingly in batches of four after each song—fortunately confined to AM radio mostly. [I do not agree with these groupings; and prefer my own system which calls his "beautiful music" m (middle of the road); "progressive rock" p (although I am not sure the average age of progressive announcers would be younger or more liberal than for other rock announcers; it is mainly in the comparative freedom they have from management to express their opinions; "chicken rock"—I do not agree with this category at all, unless he is referring to a "Hit Parade"-type format, which I categorize as rm or mr. Depending upon the station, his MOR would be listed as m or mr.]

WNIS 101.1 Chicago, like other NBC-owned NIS stations and all news programming, keeps its Stereo generator on, but is not true stereo. Apparently, they want to be heard on stereo-only receivers; but it is dishonest to operate this way when monophonic, and it makes for noisier reception when driving using a car radio with no stereo defeat switch.

An additional delay is announced in the publication of the FM Atlas-1976 (fourth edition). Because of delays and vacations at the Michigan printer's, the book might not be ready to mail out until July 15. I have been on the phone with the printer and am assured that the job will be run soon, but it is a much larger book than previously and probably takes more time to prepare the plates and to print. I appreciate the many advance orders that have come in on the basis of limited advance publicity. The new price will be \$2.95 per copy mailed "book rate"; \$3.50 by first class mail. (\$2.25 in quantity by "book rate.")

It is expected by late July the great change will take place in Buffalo NY where WREZ 94.5 becomes *WNED-FM (and WEBR[AM] becomes WNED-AM); the AM to feature noncommercial all-news; the FM to be classical, with stereo later added. A Buffalo observer notes the degree to which reception from Toronto FM stations has improved now that five of them are operating from the CN Tower, with most signals making it into Buffalo "like gang busters":

... I can hear CBL-FM 94.1 on a not-too-selective portable with a whip antenna under normal conditions now. When they operated from their old site with 55.7 kw from 389' AAT, it took a good, selective receiver with a yagi to get a decent signal from them. Now that they're up at 1380 AAT with lower ERP, they have no problem being heard here. . . CHFI 98.1 also improved a bit--they've always given me the best reception of any Toronto FM. Now, however, they're on a par with CKFM 99.9, which is about the same as CHUM-FM 104.5. . . What surprises me the most is the fact that CHIN-FM is making it in very well with its 4 kw. Of course, all the FMs on the CN Tower are at the 1830 AAT level, and that has to be the reason; but I'm getting CHIN-FM 100.7 excellently on a cheap portable, too! Of course, there's a negative side to this, too, since I'm about 65 miles from the CN Tower site. One immediate effect has been on WLWU 99.9 Erie PA. . . CKFM captures the frequency even with the antenna pointed away from Toronto. Toronto FM programming is interesting. If you're looking for examples of totally mindless programming, you needn't look farther than the morning drive-time program that WYSL-FM 103.3 Buffalo came up with. It is aimed at the rapidly-growing ranks of CBers. It's enough to make any avid FM listener vomit! There's a lot of country music on the show, but the main criterion for selection of a song seems to be whatever semblance it might have to the "Convoy" hit of several months ago. But it's the DJ chatter that takes the prize for pure unadulterated stupidity: "Callin' all CBers. . . you got the Y-103 WYSL Musicradio FM breakin' for ya and standin' by, come on. . ." There are numerous giveaways during the show, mostly CB-related products, and when local CBers phone in, they're requested to give their "handles" instead of their names when they've won a prize. The show does seem to have a degree of popularity with CBers, but I frequently monitor the CB band, and I've heard local CBers putting the show down, too. [This show is probably a response to a fear that some broadcasters have that the CB fad is reducing listening to regular AM and FM radio, especially in cars, among those who have citizens-band sets.] Other articles from this same reporter, from the Toronto Star, note the large audience WBEN-FM has in Toronto and the fact that WBEN-FM gleans some \$250,000 worth of Canadian advertising. Its "Rock 102, aimed directly at 18 to 34-year-olds, in one year attracted an estimated 500,000 Canadian listeners a week. With no extra FM rock station in Toronto, Rock 102 is bound to do even better. Its steady diet of hit parade songs and lack of disc jockey chatter is an inexpensive and somewhat mindless format that would not be allowed here by the Canadian Radio-television and Telecommunications Commission (CRTC). . . Rock 102's penetration would be just another smart marketing move if it were not for the CRTC's decision, expected soon, on Toronto's new FM station. Of eight applicants (most for 99.1, although 97.3 and 107.1 are other Toronto-area frequencies opening up), two are for all-news format and two are for basically rock. 'There are other applicants,' says one radio industry source, 'but it's really between all-news or rock. If it's all-news, the CRTC in effect will be giving part of the market to Rock 102 (WBEN-FM). If the license goes to rock, then the present situation could change to Canada's benefit.'

Also in Canada news, CHFI 98.1 Toronto is seeking an FM station to rebroadcast its programming into the Parry Sound-Huntsville area, north of Toronto. CHFI is being opposed by CKAR Huntsville, with two sets of tapes played at the hearing in Ottawa. Scratchy tapes were presented by CHFI to show how poor their signal was, while CKAR produced a tape that contained "a clear, undistorted recording of signals obtained in Parry Sound from CHFI's existing signal which originates from the new CN Tower in downtown Toronto." So tapes can be made to prove anything. . . Canada's Watergate?

The new community-access FM station in Madison WI, WORT *89.7 is notoriously poor in giving their proper identification, even on hourly breaks when the opportunity presents itself. A sleepy listener in Indiana monitored WORT on two successive nights after midnight for 4-5 hours before finding out for sure what station he was hearing. WLRB 92.7 Rehoboth Beach DE expects to be on the air soon (\$, m). WBAL-FM 97.9 Baltimore, with NIS all news programming, ID's as "FM-98," except as required. Similarly, WMOD 98.7 Washington DC ID's as "FM-98," WKYS 93.9 Washington as "93-KYS" or "Disco Stereo," and WRHY 92.7 Starview PA as "FM-92" and "Starview Radio." WRHY stands for Radio Harrisburg-York. Starview is a small village between the two. OFF THE AIR: WMJS 92.7 Prince Frederick MD, while WGTB *90.1 Washington DC plans a soon return with a similar format (rock or progressive rock) without objectionable programs, such as for gays.

The FCC has delayed the date when AM-FM stations in cities over 100,000 must cut down on their duplicated programming to not more than 25%. The new date is May 1, 1977, instead of Jan. 1, 1977. On May 1, 1977, stations in cities over 25,000, but under 100,000, must program

separately 50% of the time, and after May 1, 1979, these stations, too, will only be able to legally duplicate 25% of the time. The law firm of Mallyck & Bernton, in a recent client memorandum, said a new wrinkle is added in the nonduplication rule whereby if either the AM or FM is licensed to a city over 25,000 or 100,000 both stations are covered; formerly, some stations escaped the rule by virtue of one of the station's being licensed to a smaller city. The FCC's freeze on accepting new AM and FM station applications goes into effect June 30, and is supposed to continue until Dec. 31, 1976, unless extended, which is a good possibility. And the FCC has suspended until May 1, 1977 its terrain roughness factors in predicting FM coverage, with only the field strength charts such as in the FM Atlas called for in calculating coverage.

An article in the Oregon Daily Emerald speaks highly of KZEL 96.1 Eugene, a station "honored by Billboard magazine as the best progressive FM station in markets under a million, and as having the largest share of its market in the top 150 markets, is one of 300 successful progressive stations in the country and only one of eight that is still 'free-form.'" The article pointed out KZEL's long history without success: "We had been listening to the station, Jay West [present owner of the station] recalls, 'and when it went off we asked about it at the station's only advertiser, a Texaco station in Glenwood that traded gas for ads.' West borrowed money from friends to buy a new tube and eventually acquired the station by trading a piece of land for it." Now, however, KZEL "has experienced an increasing number of ad sales, about half of which come from advertising agencies that may not know the young audience as well as KZEL. But the station is making money. 'Prosperity is new for us. We paid our dues. Gary used to work all night, six days a week for \$20. It took us a long time to get our act together and to gain acceptance with advertisers. We had to overcome some hostilities and biases. They didn't like us because we were hippies and college students. Most retailers in Eugene still don't listen to us.'" An illegal station in Eugene on 100.0, "KPOT," is supposed to be on 12 am to 6 am. The guy running it is working on getting enough resources to apply for a noncommercial station, but little does he know all the FM allocations are used up in Eugene. KJOK 100.5 Oklahoma City now duplicates KLPR (AM), has dropped stereo, has country music, and now gets out very poorly, compared to its former signal. Apparently, KJOK is (or was) having financial difficulties and KLPR will supply the adrenalin to perk up KJOK's signal and programming. KGOY 104.9 Bethany OK has been sold; to continue gospel programming, and plans for stereo have been announced. The station has never been stereo, despite previous listings of it as stereo.

Moneysworth recently ran an article, somewhat sensationally, about possible radiation hazards from radio and TV transmitters, particularly in major cities. An interesting quote, "Cross-over, which is the intermingling of signals from two or more transmitters in close proximity, can bring the radiation level even higher." FM DX listeners in major cities have long noticed the cross-modulation and overload that is caused by the combining of more than one FM signal, particularly from so-called TV and FM "antenna farms." Would it be better to scatter the transmitters, instead of cluster them? I am sure aviation interests would oppose scattered transmitter sites. KCRF-FM 96.9 Enid is said to produce a bad SCA squeal on even the best FM tuners. The SCA of WLRH *89.3 Huntsville AL to be talking book for the blind, 18 hours per day, 7 days/week. WONO 107.9 not 24 hours; now 7 am to 3 am; hopes to be on higher power in July. Syracuse NY, cj. WRVO *89.9 Oswego NY expects to go up to 24000 h, v; 430' by July, also. *May 24, 1976, p. 1.

The FCC study to double the number of FM channels on the dial is assailed by a technician-reporter: This is sure a bunch of words, etc. that seems to be off-track from the real world conditions. So much is assumed—good receiving installations, no weather/signal variances, etc. Also that a good filter could be designed for 100 kHz spacing. The entire report is slanted too much to theoretical aspects, with no regard (as mentioned) to SCA problems associated with proposed spacings. One would think, with after 20+ years of SCA activity, some attempt would have been made by the authors to provide relevant data on spacings vs SCA problems.

CONTRIBUTORS THIS MONTH: Frank Aden, Jr., Bend OR; John Ebeling, Bloomington MN; Dave Cox, University AL; Mike Dorner, Jr., Metairie LA; Danny Buntin, Stillwater OK; Albert H. Ellis, Brantford, Ont.; Doug Everitt, Enid OK; Paul L. Gaines, Detroit MI; Bill Grant, Worcester MA; Edward H. Isotalo, Appleton WI; Fred McCormack, Fargo ND; Rod O'Connor, Southwest Harbor ME; Peter Oprisko, Whiting IN; Allen Rockford, Syracuse NY; Michael D. Schoenfuss, Abbotsford WI; Reijo Siivonen, Rauma, Finland (who sent a newspaper clipping showing the Finnish FM networks, including the stereo stations and the Swedish-language FM stations of Finland); Andy Smith, Hyattsville MD; Bill Thompson, Buffalo NY; Paul Wardell, Portland OR; Steve West, Havertown PA; John Zondlo, Hammond IN. CONTRIBUTORS LAST MONTH: Aden; George L. Brooks, Jr., KCUE-FM Red Wing MN; Tom Cornell, Kokomo IN; Ron Cowell, WRVM Suring WI; Wm. O. Dickerman, Williamsport PA; Everitt; Ebeling; Ted Fleischaker, Louisville KY; Bill Frahn, Boise ID; Gaines; Jack K. Lattemann, Phoenix AZ; Nick Lombardi, Atlanta GA; R. E. Lyons, Tampa FL; McCormack; Gary A. Olson, Deerfield IL; Arthur Vuolo, Jr., Ypsilanti MI. At deadline this month, Lombardi sends a tape confirming WDEF-FM's programming.

News of FM developments near you is welcomed, and will be shared with other readers of this column.

John F. Ebeling

The C.N. Tower finally took to the air on May 31, 1976. After months of delays, most of the technical bugs were ironed out. They included improper wiring of emergency generators by building contractors, and some UHF antenna troubles. A contractual arrangement between broadcasters using the common facilities prohibited anyone from getting the "jump" on anyone else, and hence the "official" date was promoted as midnight or 0001 hrs EDT May 31st. In actuality, the FM stations began broadcasting from the Tower on May 25th, but did not promote the fact until "zero" hour on May 31st... this was designed to save embarrassment if the master FM antenna developed defects during the first few days of continuous broadcasting, though tests had run over several weeks. As of mid-June, only two television stations were running "full authorized" power: CBLT-5 and CITY-79. CFTO-9 plans to be up to full power late in June, while CBLFT-25 and CICO-19 may not have all of the old and new equipment hooked up to the Tower until later this summer, possibly August or September. Ch. 25 is running about 500 kw rather than 2,140 kw, and Ch. 19 is running 98 kw rather than 1,080 kw!

THE RESULTS: Surprisingly good! Ch. 25 is received on a 4-bay bow-tie at about 120 feet just off my balcony with a signal which varies greatly from hour to hour, and will usually lock in colour at minimum conditions. It is almost on a par with CKGN-22 Uxbridge, which is of course forty miles more distant, but CKGN runs ten times the power of CBLFT (5 megawatts vs. 500 kw). On their old tower, CBLFT was seldom seen here, about 110 miles from the respective transmitter sites. The comparison for CICO is far more dramatic. Their 98 kw signal is vastly improved over their 600 kw transmitter. Initial reception response from viewers indicates the UHF transmitters are getting out well. Regular reception of CBLT-5 is reported as far west as Grand Bend, Ontario, on Lake Huron, and well into North Central Ontario. Although I am not properly equipped for VHF reception, CBLT is encouraging on a 6-element FM yagi... it was not there at all previously. Channel 79 at 280 kw maximum is seen often during early morning tropo... my antenna system is highly inefficient at those frequencies, so I would estimate that CITY will get out well on tropo... be wary, Bob Cooper! Also, Ch. 79 has been seen a couple of times when FM, VHF and lower UHF channels are not very good... which could indicate that the highest UHF channels duct under different weather conditions than low frequencies. Of course, only DX reports will tell... Note: CITY-79 now programmes 20 or more hours a day, and they run color bars the other 4 hours a day... they programme in foreign languages late at night and early mornings... so they should be one of the easiest tropo targets to ID.

FM RADIO: For Toronto-based DXers, a vast improvement. With RF levels vastly reduced, and all transmissions from a central source (except CJRT-91.1 on the old CBC tower), image problems and receiver overload problems seem reduced. At my parents' home, several alternate-channel distant FM stations could now be received on auto radios despite AFC circuitry, and I was able to drive in downtown Toronto very close to the Tower without overload problems on FM. The big winner is CHIN-FM 100.7. Now in stereo, their ERP dropped from 50 kw to 4 kw, but excellent reception noted on my car radio west of Kitchener, Ontario, 65+ miles; an improvement. The others: CKFM 99.9, CHUM 104.5 (both at 40 kw), CBL-FM 94.1 (at 38 kw) and most powerful CHFI 98.1 (at 44 kw) are well-received on a car radio west of Woodstock, Ontario (90+ miles), and about 100+ miles east of Toronto. At my apartment in London, about 110 miles from the C.N. Tower, the FM signals are somewhat worse--it would appear that on an FM antenna at this distance the higher power levels are important where line-of-sight reception is impossible. Clearly the reduction of ERP has hurt. This observation has been trumpeted by a couple of CKFM's listeners. Previously at 100 kw, 818' EHAAT, someone in Deep River, Ontario, north of Pembroke, about 270 air miles, had a good antenna system and was a regular listener. He now cannot receive CKFM. Even early morning tropo doesn't increase these FM signals as much as with the old ERP's. Despite a common antenna, the Toronto FM stations have a few more quirks: CHUM 104.5 now has Muzak SCA at 67 kHz but excellent main channel modulation, frequency response, and stereo separation. CHFI 98.1 has

Dolby, but this has hurt their frequency response in a few frequency ranges, including some highs and very lows. It would seem, though, CHFI's response is excellent if you have a Dolby decoder. They no longer have SCA. CKFM 99.9 has the best "audible" signal. They now use "microwave" STL at about 958 MHz, in stereo. It is an improvement over Bell stereo lines which were often subject to Bell's own poor maintenance. CKFM is still using one of their old Collins transmitters, but they've added the latest state-of-the-art limiting equipment too. Their duplicate Collins transmitter remains in place at Commerce Court West, their old site.

One other CN improvement: Multi-path problems on car radios are now nearly non-existent driving throughout Toronto.

RECEPTION REPORTS: One interesting one came in almost immediately after the move from a guy in Glendale, California. He called CHUM-FM, and they aired him "live" with his report. I am skeptical because this would have been a tremendous "double-hop" opening, and with local KBIG 104.3 at 78 kw. When questioned by the announcer about "long distance reception," this supposed DXer was inarticulate, and provided no programme details. I am trying to get further info on this reception report.

Also on the air and DX ready: CBLFT2-40 seen testing with bars. Despite its 20 kw flea-power, I have seen it in Toronto at 115 miles, with a fairly good picture during fair conditions. Ch. 76 Kitchener will be the station Ch. 40 will translate--it hasn't been monitored as yet. Also look for Ch. 48 Chatham, Ontario; Ch. 78 Windsor, both part of the CBLFT web (see July 1974 VUD, p. 11, for further info). Look for Ch. 32 Windsor and 59 Chatham with TVO programming; target dates unknown, but Ch. 59/48 Chatham tower is standing and ready to go. (See also June 1972 VUD, p. 16.)

Noted on the air: Ch. 11 CKCO "Haliburton area," Ontario. CKCO only IDs their transmitters at sign-on and sign-off; the rest of the time, Chs. 2, 13, 11, and 42 are merely IDed as "Serving Ontario, we are CKCO-TV."

And finally...your North of the Border editors are on the move. J.J. Rosenberg is now M.D. The good Doctor is now putting in hours of internship. He also joined the ranks of the married on June 10th, and now resides in an antenna-less high-rise in Toronto. His new address will be published in an upcoming edition.

This article is being prepared by Mark L. Lewis (and retyped by Clarke Ingram, hi -CWI) while Joel and his wife Mindy are vacationing. I (Mark) am also on the move. June 10th was a doubly memorable day for your editors, as I received my L.L.B. (law degree) on that date. I will join the CRTC (Canadian Radio-TV Commission) August 1st as a member of their legal dep't. Henceforth, CRTC info will come from the horse's mouth. My new address as of August 1st: Apt. 701, 345 Waverly Street, Ottawa, Ontario, K2P 0W4. I plan to have some DX antennas.

By the way, some DXers might have heard me on CFPL-980 or CFPL-FM 95.9 London. I have been working there on-air as announcer, newsmen, etc. My contract expires August 1st, 1976, but my voice will probably remain on their "format" intros long after that date. Radio has been fun, but the legal profession calls. Both your editors would like to attend the WTFDA Convention, but circumstances don't permit it.

(SEE PAGE 52 FOR A LATE BULLETIN!)

73s, M.L.L. and J.J.R., M.D.

A NEW UHF AMP: Right at press time, Jim Gould has informed us of a new UHF amplifier which is believed to surpass the CMA-Ub: the Winegard AC-4990. Although the gain is lower (17.5 dB avg as compared to 25 dB for CMA-Ub), Jim states that the important characteristic is the 2.2 dB noise figure, which compares to 4 dB for the CMA-Ub. In addition, the AC-4990 can put up with 126,000 microvolts of signal before cross-mod occurs, compared to only 25-30,000 for the CMA-Ub! Realizing that the noise and gain figures were averages, Jim investigated, and came up with these specifications... Over channels 14-50, the noise figure is not greater than 2.2 dB; 50-69, not greater than 2.9 dB; in the translator range (70-83) not greater than 6 dB (gain in that range is 13 dB). The list price for the AC-4990, with 300-ohm input and 75-ohm output, is \$75.00 (the CMA-Ub with power supply lists at \$157.00); but with the possibility of a "DXers' Discount" (like that given to 'hams'), the Winegard AC-4990 would sell for just \$49.00. We'd appreciate reports from DXers who've used this amp! ---Clarke Ingram

NORTHERN FM-DX

Fred Nordquist
7945 Boxford
Clay, NY 13041
Deadline: 10th

July 1976

FM DX activity is picking up with openings noted as follows: Es on 5/5,15,17&25 and 6/1,3,4,6,7,11&12; Au on 5/2 and 6/5; and Tropo on 5/5,10,11&31. Now to the reports.

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

5/10 Tr 2300 94.3 KMSR MN Sauk Centre
5/11 Tr 0001 91.7 KAXE MN Grand Rapids
6/1 Es 2231 95.5 KILA NV Henderson gospel, mono.
2251 92.3 KVEG NV Las Vegas cw, \$ & dual ID: KVEG/KTRI
2240-2255 88.9 UNID cl \$

RX: Heathkit AJ-15; Ant: 10-el. Channel Master (16 yrs old) 18' AGL & folded dipole (w/o reflector) for V reception. (John notes worst May DX in memory, with no Es on FM band.)

Frank Wheeler - 6589 Wattsburg Rd - Erie, PA 16509 (EST)

5/27 0115 103.5 WNUZ MI Detroit (154)
0145 104.7 WJIZ Either Ohio or Mich. Couldn't find it in logs.
6/2 0600 90.3 WBCL IN Ft. Wayne Ft. Wayne Bible College (261)
0614 99.1 WPRO OH Fremont (164)
0620 95.5 WCLV OH Cleveland (91)
6/3 0805 106.1 WVNO OH Mansfield (154)

This brings my FM log to 124 received. Indiana is new state for me, making 5 states and 1 province. All tropo. 73.

Peter Sawatzky - 244 Neilson Ave. - Waterloo, Ontario N2J 2M3

RX: Heathkit AJ-15; Ant.: Delhi 1047 @ 30'; MS tape control unit.
N.B.: All loggings rx'ed on MS tape control unit asterisked & respective times refer to period frequency monitored. New underlined.

3/18 MS 0730-1830 WJMD* 94.7 MD Bethesda (355) "-JMD, Bethesda..."
3/21 Tr 2300 WFCJ 93.7 OH Miamisburg (330)
3/26 Au 0707 WMBI 90.1 IL Chicago (375)
3/28 Tr 1055 WBLY 102.9 OH Springfield (300)
3/31 Au 2045 Very light Au noted on 88-92 MHz. for c. 1/2 hr.; no ID's
4/6 Tr 0730-1800 WBLY*102.9 OH Springfield (300) Tr that snuck in on MS tape control unit
4/10 MS 0100-0600 WMGM*103.7 NJ Atlantic City (420) "...-MGM..." (1st FM from NJ)
4/14 Tr 0100-0600 WJDJ* 94.1 OH Cincinnati (365) rock, ID as "music system for Cincinnati" (Tr that snuck in on MS tape control unit)
4/17 Tr 1037 WMJC 94.7 MI Birmingham (155) previously WHNE, 1st time by new calls
4/22 Tr 2100 WHIO 99.1 OH Dayton (315)
4/29 Au 1910 Light Au on 88-92 MHz. for several minutes; no ID's
5/1 MS 0830-1400 KKEZ* 94.5 IA Fort Dodge (690) "...easy, KK-..."
5/2 Au 1830 WVWR 89.1 VA Roanoke (430) wx., ID
2200 KWMO 90.7 MO St. Louis (605) arts PSA, ID
2230 WFDD 88.5 NC Winston-Salem (510) NPR & local ID
5/5 Es 1200 KNFB* 94.3 OK Nowata (945) Wx., ID, nx

N.B.: All the following rx'ed on 5/5 were on car FM, Heathkit CR1000, between 1200 & 1245 (forgot watch that day)

KSPI 93.9 OK Stillwater (1030) ID, local spots
KYFM 100.1 OK Bartlesville (960) ID, mx.
KOFM 104.1 OK Oklahoma City (1045) local spots
KFNB 101.9 OK Oklahoma City (1045) local spots, ID as 'The pleasant one is FM 102'
KSEL 93.7 TX Lubbock (1350) local spots, sports
KCSC 90.1 OK Edmond (1070) Oklahoma wx.

Anybody know of a KOBK on or around 94.5? Freq. calibration on CR1000 is bad. Spot heard for University Center Theater & Pollard Ford in Indiana TX.

Tr 2215 WAUS 90.9 MI Berrien Springs (310)
5/12 MS 0800-1700 KRFG* 93.5 MO Greenfield (810) "...Greenfield..."
5/15 Es Bits & pieces of FM Es noted before & after 4-hr. power failure. No ID's.

30, Pete

Fred Nordquist - 7945 Boxford Dr. - Clay, NY 13041 (EDT)

5/17 Es 2235 UNID on 94.1 & 98.5
 5/21 Tr 2115 WBBA 107.3 PA DuBois gospel mx in WTLB mull
 5/31 Tr 0835 WCHR 94.5 NJ Trenton
 0910 WTKL 103.7 NJ Newton
 1010 WALL 92.7 NY Middletown (NY#138)
 6/5 Au 0100 CJOH 88.7 ON Windsor
 6/6 Es 19:7 to 2035 to SW
 2020 WDRU 95.3 MS Drew cw
 2015 KEZQ 94.1 AR Little Rock EZ mx
 2029 WBCU 94.3 MS Corinth rr \$
 6/7 Es 2010 to 2042 to West
 2010 KMUM 89.1 KS Wichita rr
 2030 KGNO 95.5 KS Dodge City Mo'R
 2017 KAWS 96.7 KS Larned rr
 6/11 Es 1143 KOWH 94.1 NE Omaha time check
 6/12 Es STRONG 1242-1410 to FL, GA, SC
 All Tampa - Orlando area stations. MUF 107.5
 1306 WQHL 98.1 FL Live Oak MoR
 1309 WRYO 98.5 FL Crystal River Sports
 1315 WVOH 93.5 GA Hazlehurst lcl ads
 1358 WVED 92.7 SC Bamberg lcl ads

All above DX from old address - N. Syracuse. The 6/12 Es opening was a nice birthday present! 73. New are underlined.

Andy Bolin - 709 Lincoln Ave. - Charleston, IL 61920

4/1 Au 0000 WVMR 89.1 VA Roanoke (470)
 0029 KIOV 104.7 SD Sioux Falls (525) K
 plus many others, including WVMC, WAER, WAMU, KWTO, WIBW, KFMQ, WMC, CKLC, WBFB.
 Gone by 0530.
 4/2 Au 2330 to (4/3) 0200 WBFB NY, & Detroit.
 4/3 Au 1640 to 1715 most Detroit.
 4/5 Tr after 0000 most Birmingham & WLTA Atlanta.
 4/7 Tr after 0000 most Omaha & Minneapolis (465)
 4/9 Tr after 0100 WENN, WZZK Birmingham.
 4/12 Es 1130 UNID from west. MUF 94 MRZ.
 4/18 Tr STRONG from WQID & Mobile.
 0030 WESJ 94.9 AL Mobile (610) \$
 0030 WELX 92.9 AL Mobile soul \$
 0145 WEZB, WBTV New Orleans (670) & most Houston (785)
 5/2 Au 1715 til 0400 on 5/3 WAER, WAMU many others.
 5/15 Es 0930 Miami MUF WBUS
 1350 to 1450 most of CO
 1407 KEPC 90.5 CO Colo. Springs \$ hard rock
 1415 KDJQ 97.9 CO Pueblo (885) \$ rock
 1429 KFUB 99.9 CO Pueblo \$
 5/21 Tr after 0000 most Birmingham & WRAS Atlanta (445)
 5/25 Es 1330 El Paso TX (1140) MUF KEZB
 1350 Albuquerque NM (1105) MUF KDEF
 1410 Colo. Springs/Denver MUF KLZ
 1430 KFEC 97.9 WY Cheyenne
 6/1 Es 1205 to 1310 most ME, NB.
 1213 WRUM 96.3 ME Rumford Mono-rock
 6/3 Es STRONG 1300 to 1430 most of FL
 1230 WGLY 98.3 FL Goulds \$ gospel.
 FL changes were WJNO w/rock, WHOQ w/EL, WSWN \$ w/AM siml. & WMYQ now WMLX w/food
 commercials on its SCA. 73.

George C. Greene - 1527 Sunset Avenue - Akron OH 55301 (1975-76 loggings)

12/5 GW 1600 WKIL 95.1 WV Parkersburg 6/4 Es 1302 KLBK 93.7 TX Austin
 5/9 GW 0000 WBCL 90.3 IN Ft. Wayne 1312 KNAF 101.1 TX F'burg
 5/15 Es 1340 KACV 89.9 TX Amarillo 1324 KXIX 97.1 TX Ft. Worth
 1348 KWAS 101.9 TX Amarillo 1332 KPLC 100.3 TX Dallas
 GW 2000 WJAP 94.5 KY Lexington 1340 WSCS 96.3 TX Ft. Worth
 6/4 Es 1248 WFAW 92.1 TX College Stn 1354 KLUR 99.9 TX Wichita Fls
 1252 KTTY 92.9 TX San Antonio 1356 KMTY 99.1 NM Clovis
 1253 KEEZ 97.3 TX San Antonio 1401 KDTX 102.9 TX Dallas
 1255 KTFM 102.7 TX San Antonio 1405 KMLD 92.9 TX Wichita Fls
 1300 KQXT 101.9 TX San Antonio Log total now: 475

(continued on page 29)

WESTERN FM-DX

Steven C. Wiseblood
707 Loma Way
Santa Maria, CA 93454
Deadline: 10th

The Deadline for the July and August columns is the 10th; this means that your reports should be mailed by the 7th of those months in order to reach me by the 10th. Beginning with the September column, reports over two months old will be severely edited. I have to do this in order to make this column as up to date as possible. Listed below is an accurate listing of abbreviations used in this column: New Abbreviation

MUSICAL FORMATS: C&W-Country and Western, Modern Country.
 RR-Progressive Rock,
 CL-Classical
 MoR-Middle of the Road (Frank Sinatra, Tom Jones, Tony Bennett, ect.)
 *SOL-Soul, Rythm&Blues
 *JAZ-Jazz
 EL-Easy Listening (Instrumental w/little vocal)
 REL-Religious, preacher, gospel, hymns
 *SGR-Solid Gold Rock

Other abbreviations: nx- news
 wx- weather
 SS-Spanish
 *FP-French
 AI-American Information Radio nx
 MBS-Mutual Broadcasting System nx

ax-sports
 *LAT-Latin mx
 ID-Identification

Patrick Martin, P.O. BOX 14102, Portland OR 97214 (5/1-5/15) (PDT)

I thought it was time for a new report. I recently moved again, from the s.e. part of Portland to n.w. Portland which is much higher in altitude. I moved into a four story apartment building where I put up a 10-element FM yagi. It is about 75 feet above the street, so I am about 200 feet above sea level now. In s.e. Portland I was about three miles from ten 100kW stations, plus TV stations which were aimed tight at me. In n.w. Portland TV signals are somewhat ghostly, but adjacent channels are clearer for skip, including the FM band.

↑ GW	1545	KORI	105.1	OR	Salem, RR	50	6 Tr	1111	KBRD	103.9	WA	Tacoma, MoR	130
	1646	KHPE	107.9	OR	Albany, MoR	85		1115	KGHO?	103.9	WA	Hoquiam, RR	120
	1859	KCTV	104.5	OR	The Dalles, MoR	80		1122	KDUX?	104.7	WA	Geesan Shores	120
Tr	1904	KELA	102.9	WA	Centralia, C&W	95		1130	CBU-	105.7	BC	Vancouver, Cl	300
	1906	KOMS	103.7	OR	Lebanon, MoR	70		2336	KRAB	107.7	WA	Seattle	150
	1909	KERI	104.3	WA	Bellingham, C&W	260		2354	KPFM?	107.3	WA	Yakima, Auto. RR	
GW	1917	KLYX	105.5	WA	Longview, MoR	50	8 Tr	0210	KLAY	106.1	WA	Tacoma, RR	120
5 Tr	0952	KHIQ	105.5	WA	Edmonds, MoR	160	10	237?	1907	KPRC?	106.1	CA?	San Francisco, 550
6 Tr	0955	KUTI	104.8	WA	Yakima, C&W	160							
	1005	KZOK	102.5	WA	Seattle, RR	150							
	1015	KORD	102.7	WA	Richland, RR	270							
	1018	CHQM	103.5	BC	Vancouver, MoR	300	Tr	1910	KLOO	106.1	OR	Corvallis, C&W	65

On the KPRC-FM catch.....the station was automated C&W, with ads mentioning the bay area, nx on cable cars & promo for KPRC-AM. I don't know what else it could be. Anyone have any ideas?? I heard KPRC-FM was due for a format change. Well that should do it for this time..... Good DX... 73's, Patrick

Editors Note: Patrick Martin had originally indicated reception of KPRC was Es, however since he didn't mention any lower band channels on FM also being received by Es at that time I took the liberty of changing it from Es to a tentative tropo reception. After all, 550mile FM Es at 106MHz is unlikely, unless other stations in the same area, which are also in the 550-650 mile range, are also being received. The last time I received KPRC-FM was 5/8, and they still had Solid-Gold RR (Automated). Tropo reception along the Pacific Coast between 5/8-5/10 was very extensive due to an inversion all along the coast. If it indeed was KPRC-FM which Patrick Martin received on 5/10, it was probably a very extensive tropo-duct stretching along the coast. Keep sending in those reports, everybody.

Jim Pizzi, 300 Park, Orcutt, CA 93454 (4/23-5/27) (PST/PDT after 4/24)

Equipment Used: Vertical 10-el FM Log @ 35'/JVC VT-900 Digital Tuner/Ameco tuneable amp.

10-el Horiz, Log @ 75'/JVC VT-700 Tuner.

- 4/23 MS 2332 KPAM 97.1 OR Portland, ID,
Logged on vertical antenna
- 28 Tr 1637 KCTY 103.9 CA Salinas,SS/Latin
- 29 Tr 0001 EKQA 107.9 CA Sacramento, RR
- 0001 KZAP 98.5 CA Sacramento, RR
- 0023 KKHI 95.7 CA San Francisco, C1
- 0029 KSPX 103.7 CA San Francisco, RR
- 0030 KFOG 104.5 CA San Francisco, EL
- 0031 KPMR 104.9 CA Fremont, s/off
- 0050 KARA 105.7 CA Santa Clara, RR
- 0054 KPAT 94.5 CA Gilroy, RR

- 5/1 Tr 1130+ Most San Diego FM's in
- 4 Tr 1118 KCTY 103.9 CA Salinas

Total now 305

Fred McCormack, Des Lacs ND 58733 (May- June 5) CDT NEW Underlined

Equipment: Des Lacs: HEATH AR-1500, JFD 10-el Log

Fargo: HEATH AR-15, Rabbit Ears

Near Fessenden ND (mobile):

- 5/15 Es 1830 WCKW 92.3 LA LaPlace
- 1431 WAFB 98.1 LA Baton Rouge

At Des Lacs:

- 5/15 GW 2136 K261AH 100.1 ND Minot(of KCJB)
- 5/17 Es 1037 KRST 92.3 NM Albuquerque, RR
- 1043 KAMA 93.1 TX El Paso, RR, SS
- 1048 KINP 97.5 TX El Paso, RR 1155
- 1050 KTSM 99.9 TX El Paso, RR
- 1854 KSTM 107.1 AZ Apache Junction
- 1855 KEPE 105.5 AZ Casa Grande,\$RR
- 1859 KEUZ 104.7 AZ Mesa 1150
- 1900 KDKB 93.3 AZ Mesa, RR
- 1902 KDOT 100.7 AZ Scottsdale, EL
- 1904 KWAO 106.3 AZ Sun City, nx 1150

- 5/9 Tr UnID 88.3 n.e., repeating KPFA-94.1, not an image, didn't fade. (I suspect it is KFCF-Fresno which does repeat KPFA, It is only 10w, Good Catch!-sw)
- 10 MS KYSS 94.9 MT Missoula, "---- -FM, All Music All the Time"
- 11 Es unID 90.9 East TALK
- 12 Es 1746 UnID 90.3 East, PSA, KSYM?
- 14 Tr 1311 91.9 KVCR CA San Bernardino, RR
- Es 1324 KBBK 92.9 ID Boise, RR
- 1326 KOLM 97.7 MT Anaconda, \$C&W
- 1327 KBOI 97.9 ID Boise, \$EL
- MS 1329 KBOI 94.9 MT Missoula, "In Mont."
- 15 Tr 1531 KHQP 98.9 BCN Tijuana, \$EL, ID by YL in SS, Automated mx w/EE dj.
- 27 Es 1203 KMTN 96.9 WY Jackson, \$RR, ads
- 1206 UnID 97.1, N.N.E., EL

- 5/17 Es 1949 KILA 95.5 NV Henderson, REL
- 1950 KTRI 92.3 NV Las Vegas 1075
- Mobile(near Anamoose ND):
- 5/18 Es 1015 unIDs from WV & OH
- Fargo:
- 5/26 Tr 0620 KAKE 91.7 MN Grand Rapids 160
- Es 1130 UnIDs from s.e.
- 6/1 Es 2345 KCYZ 94.1 NV Henderson, FM-93
- 2349 KTRI 92.3 NV Las Vegas, C&W
- 2359 KILA 95.5 NV Las Vegas, REL
- 6/2 Tr 0900 KFJM 89.3 ND Grand Forks 75
- Des Lacs:
- 6/3 Tr 0855 KFJM 89.3 ND Grand Forks 205
- 1336 KWAT 96.1 SD Watertown,C&W 310
- 1339 KIOV 104.7 SD Sioux Falls, C&W
- 1633 KOSN 99.3 MN Thief River Falls

James E. Thomas, Box 454, 317 West Cooper, Tipton, MO 65081 (Apr 7-May 17) (CDT)

Equipment: KLR-FM 21 rx & CM 5-el @ 45'

- 4/7 Tr 2140 KKMA 104.5 OK Pryor, local nx
- 14 Tr 1900 KOPM 104.1 OK Okc"Fresh Air 104"
- 2130 WJEM 104.1 IL Jerseyville, ad
- 19 Tr 2000 KSAY 96.1 IA Clinton, nx //KROS
- 2007 KGRS 107.3 IA Burlington, RR 165
- 2030 KPMW 107.9 IA Waterloo, MoR 265
- 2035 KILL 105.5 IA Mt. Pleasant 265
- 2046 KNWS 101.9 IA Waterloo 265
- 2104 KLEE 97.7 IA Ottumwa, wx, ID 163
- 2118 KIMI 95.3 IA Keokuk 138
- 2120 KCIT 95.3 IA Washington 170
- 2200 KLFM 104.1 IA Ames 240
- 2203 KXEL 105.7 IA Waterloo 265
- 2214 KAKC 92.9 OK Tulsa 210
- 20 Tr 2130 KRNQ 102.5 IA Des Moines 205
- 21 Tr 2207 WOKZ 100.3 IL Alton 140

- 4-22 MS 2356 KDAL 98.1 TX Texarkana 368
- 23 Tr 0007 KRPG 93.5 MO Greenfield's/off
- 0017 KKYK 103.7 AR Little Rock, K-Kik
- 0600 KSGM 105.7 MO Ste. Genevieve
- 0604 KHOZ 102.9 AR Harrison 154
- 28 Tr 0630 WWCT 105.7 IL Peoria 208
- 0700 WRMS 94.3 IL Beardstown, nx 190
- 29 Tr 0001 KPMP 102.9 MO Cape Girardeau
- 0019 WPMS 96.9 TN Memphis 270
- 0023 KJCK 94.5 KS Junction City 215
- 0712 KIRK 106.3 MO Branson, nx, wx
- 5-2 Au 2315 KDSS 95.3 ON Hamilton, PF mx 740
- 15 Tr 1114 KLRV 106.5 IA Davenport 235
- 2345 KLIN 107.3 NE Lincoln, MoR 235
- 16 Tr 1455 KRAV 96.5 OK TulsaM RR, ads
- 17 Tr 2227 WPGU 107.1 IL Urbana, RR 300

Rundown of number of stations logged in the states of:

ARKANSAS.....9	IOWA.....22	TEXAS.....4
ILLINOIS.....20	KANSAS.....19	TENNESSEE.....1
MISSOURI.....71	ONTARIO.....1	OKLAHOMA.....8
		NEBRASKA.....7

I would like to swap cassette tapes of local ID's with anyone. The Aurora on May 2 was the strongest I've ever seen for the Central U.S. A station was on every frequency from 94.1 through 107.9. I was only able to ID one single station. The Northern sky that evening looked as if thousands of lights from a giant city was lighting the sky. I'm still looking for E-skip, none yet from this end. 73's & Happy DX. (and a happy season to you too-sw)

Danny Buntin, 1020 S. Duncan., Stillwater OK 74074 (CDT) (Apr 23- June 7)

Equipment: Pioneer TX-9100 tuner, Antennacraft 10-el @ 34'.

4-23 GW 1959 KJAK 100.5 OK Oklahoma City, back on after a years absence, now much weaker, not \$, C&W mx.

- 5/11 Tr 2100 KJLS 103.3 KS Hays, wx, ID 235
- 12 Tr 2339 KNIT 105.1 TX Abilene, RR 300
- 2351 KORQ 100.7 TX Abilene, EL 300
- 18 2200 KAMD 94.3 OK Nowata, s/off 90
- 2201 KAMD 94.3 AR Rogers, mx 165
- 19 2018 KILS 94.3 OK Okmulgee, \$ad 75
- 21 0024 KYKK 103.7 AR Little Rock, \$RR
- 0029 KEZQ 94.1 AR Little Rock, EL
- GW 1500 KSPI 193.9 OK Stillwater, leaves the air for 1 hour to permit installation of emergency power generator.

- Tr 1502 KESS 93.9 TX Fort Worth, SS
- 30 Es Most extensive Mex. Es ever noted.
- 1132 XHNP 89.3 PB Puebla "\$UNO"
- 1134 XHMM 100.1 DF Mexico 1160
- 1135 XHSH 95.3 DF Mexico "\$Ray"
- 1135 XHM 88.9 DF Mexico
- 1138 XHQK 91.3 DF Mexico
- 1138 XEJP 93.7 DF Mexico
- 1138 XEM 96.9 DF Mexico
- 1139 XEPOP 99.3 DF Mexico
- 1139 XEOY 100.9 DF Mexico
- 1140 XEX 101.7 DF Mexico
- 1140 XHV 102.5 DF Mexico
- 1141 XHDFM 106.5 DF Mexico
- 1141 XEQR 107.3 DF Mexico

Up until May 1st the offseason Es has been 90% poorer than the previous one. I have scaled down my antenna plans which were disclosed earlier for SECURITY REASONS!

73's

Doug Everitt, 1708 W. Maine Ave., Enid OK 73701 (28 Apr- 19 May) (CDT)

Equipment: 10-el FM yagi at 40', Kerswood KT-8007 tuner

- 4-28 Tr 1728 KOTZ 101.1 TX Lubbock, MoR 280
- 29 MS 1124 WCLE 100.7 TN Cleveland, mx 750
- 5-3 Tr 0139 KCHU 90.9 TX Dallas, strong 260
- 5 Es 1055 UnIds 88-108 Northeast
- 1057 WYSU 88.5 OH Youngstown 990
- 1121 WBBN 102.5 NY Buffalo, RR 1120
- 1140 CBL- 94.1 ON Toronto, Cl 1080
- 1152 Many more loggings on FM possible, but I was watching TV-DX.
- 7 Tr 1953 KETR 88.9 TX Commerce 250
- 2126 KSUC 88.3 TX Keene, REL 270
- 9 Tr 1319 KACV 89.9 TX Amarillo, RR 230
- 11 Es 1104 XELA 98.5 DF Mexico, Cl 1220
- 1105 XHDFM 106.5 DF Mexico, LAT
- 1108 XHM 88.9 DF Mexico, MoR
- 1110 XEBS 89.7 DF Mexico, LAT
- 1111 XEDA 90.5 DF Mexico, Wocal MoR
- 1113 XHQK 91.3 DF Mexico, promos
- 1116 XEPOP 99.3 DF Mexico, MoR
- 1120 XHMM 100.1 DF Mexico, RR, \$
- 1122 XHFO 92.1 DF Mexico, MoR
- 1125 XEJP 93.7 DF Mexico, MoR

- 6-7 Es 1831 WGBT-107.7 PA Gettysburg 1105
- 1838 WHLM 106.5 PA Bloomsburg 1180
- 1845 WCED 102.1 PA Du Bois 1170
- 1845 WKEK 106.7 PA Beaver Falls 1000
- 1848 WKYK 97.3 WV Wheeling, ID 950
- 1856 WKAL 95.9 NY Rome 1240
- 1905 CBM 95.1 PQ Montreal 1370
- 1906 WRZL 94.5 NY Buffalo 1100
- 1912 WBGU 88.1 OH Bowling Green 805
- 1921 WOKN 102.3 NC Goldsboro 1065
- 1923 WDFP 94.3 OH Marion, ID 835
- 1930 WWSE 93.3 NY Jamestown, wx
- 1931 WEPF 95.7 NY Olean, ID 1100
- 1932 WEOZ 101.3 NY Rochester 1160
- 1944 WBBN 102.5 NY Buffalo, ID
- 1945 WCCK 103.7 PA Erie, ID 1020
- 1947 WKFM 104.7 NY Fulton, "KFM"
- 1951 WDKX 103.9 NY Rochester, ID
- 1958 WYSL 103.3 NY Buffalo, ID
- 2000 WADY 106.5 NY Buffalo, EL, ID
- 2001 WVOH 100.5 NY Rochester, ID
- 2002 WJOJ 98.3 GA Jessup 920
- 2009 WPTH 95.1 IN Ft. Wayne, RR
- 2020 WZAT 102.1 GA Savannah, RR 960
- 2025 WBCB 104.9 GA Metter, "G-105"
- 2026 WBBQ 104.3 GA Augusta, ID 870
- 2029 WVOH 93.5 GA Hazlehurst 840
- 2030 WSNM? 94.3 ?
- 2035 WLLW? 95.9 ?
- 2036 WPEH 92.1 GA Louisville 845
- 2039 WBSU? 98.7 SC Beaufort, ID
- 2046 WPCB 94.9 GA Atlanta, EL 740
- 2047 WJTA 99.7 GA Atlanta, EL 740
- 2051 WDLX 106.7 SC Orangeburg, ad

- 5/11 Es 1126 XHSH 95.3 DF Mexico, MoR 1220
- 1157 XKK 101.7 DF Mexico, LAT, mono
- 12 Es 1107 XHM 88.9 DF Mexico, LAT/MoR
- 1110 XERC 97.7 DF Mexico, RR
- 1135 XHNP 89.3 PB Puebla, MoR 1200
- 15 Es 0930 WAMU 88.5 DC Washington, Cl
- 0939 WYVA 94.1 VA Yorktown, RR
- 0942 WRVQ 94.5 VA Richmond, G-94
- 0945 WPPR 94.9 VA Roanoke, MoR
- 0949 WFWA 101.5 VA Fredericksburg
- 0952 WFLS 93.3 VA Fredericksburg
- 0955 WPAW 100.3 DC Washington, RR, LAT
- 0957 WMDG 101.1 VA Washington, RR
- 1000 WXRA 105.9 VA Woodbridge, #85wx
- 1002 WBRZ 106.7 VA Manassas, MoR
- 1003 WAVA 105.1 VA Arlington, mx
- 1404 WIAA 88.3 MI Interlochen, many more loggings in this region possible but I was installing a TV set (repair)
- 19 Es 2110 KQED 88.5 CA San Francisco, FP
- 2111 KDFM? 92.1 CA Walnut Creek, tent MUF stayed in low-band TV for about 45 minutes more.

Well, the Es season is off to a nice start as of this report. Mexico City seems to be in almost too often now. I'm sure I could have made dozens of more loggings, but I've been trying to increase my meager TV totals lately. Maybe next month I'll concentrate on FM. (I hope so-sw). I haven't seen any real tropo for quite a while now. What happened? to all the spring ducting? (It never showed!-sw) 73! Doug

Pat Dyer, 5315 Silvertip Dr., San Antonio TX 78228 (May 9-June 7) (CST)

Equipment: Allied 426; Hallcrafters SX-72, Archer V-100 @ 20' w/rotor.

5/10 Es	1102 WERN?	88.7	WI	Madison	1065
11 Es	2050 KUER?	90.1	UT	Salt Lake City	
	2058 KALL-	94.1	UT	SLC, EL, ID	1080
	2106 KCFX?	98.7	UT	SIC, RR	1080
	2129 unID	89.1	UT?		
	2140 KBYU	88.9	UT	Provo, CI	1045
Tr	2144 KQSE	92.1	TX	Allice, C&W	120
12 Es	0925 XHNP?	89.3	PB	Puebla, again	1029
	0930 unID	88.5			
	0930 XHM?	88.9	DF	Mexico, EL	690
	1135 KPSS?	94.1	CA	San Diego	
	1135 KDIG?	98.1	CA	San Diego	
	1143 KKKY	89.5	CA	Cathedral City	
	1201 KPSS?	89.3	CA	Pasadena	1185
	1201 KCSN?	88.5	CA	Northridge	1210
	1221 KLON?	88.1	CA	Long Beach	1180
	1223 KCRW?	89.9	CA	Santa Monica	
Tr	1842 KYKR	93.3	TX	Port Arthur, C&W	
	1842 KBPO	94.1	TX	Beaumont, EL	275
Es	1925 unIDs	88.1, 88.3		West	
15 Es	1103 WPNE	89.3	WI	Green Bay (//88.7)	
	1119 WFRN	88.7	WI	Madison, WMA*ID	
	1129 WBSA	89.9	WI	Brule, nx	1235
17 Es	1105 unIDs	several		88-90	
	1109 WHOK	95.5	OH	Lancaster, ID	
	1109 unIDs	94.1, 89.7, 88.3			
	1155-1206 unIDs	88.1, 88.3, 88.5, 88.7			
19 Es	2105 KDKX?	93.5	UT	St. George, EL	
	2126 KALL?	94.1	UT	SIC, EL	1080
	2133 KTRI	92.3	NV	Las Vegas, C&W	
	2144 KILA?	95.5	NV	Henderson, REL	
21 Es	0842 unID	88.5	SS,	choppy	
	2025 unID	89.1	SS		
	2037 XHBS?	89.7	DF	Mexico	690
	2037 XHM?	88.9	DF	Mexico, EL	690
23 Es	1355 WFRN?	88.7	WI	Madison	
	1355 WPNE?	89.3	WI	Green Bay (//88.7)	
	1401 KRKE	88.1	IA	Cedar Falls, ID	
Tr	2332 KYKR	93.3	TX	Port Arthur, C&W	
25 Tr	0949 unIDs	92.5, 93.3	SS		
	0949 KNFM	92.3	TX	Midland, EL	275
Es	1135-1250 unIDs	88-94.1			
26 Es	1301 unID	88.9			
	2035-2125 unIDs	88-93.7			
	2246 KALL?	94.1	UT	SIC, EL	1080
	2246 KUER?	90.1	UT	SIC	1080
	2248 KCFX?	98.7	UT	SIC, RR	1080
	2315 KBYU	88.9	UT	Provo, wx	1045
29 Es	0816 KPSS	89.5	CA	San Diego, PSA	
	0816 KPSS	94.1	CA	San Diego, CL	
	0816 KDIG	98.1	CA	San Diego, RR	
	0816 KKKY	96.5	CA	San Diego, EL	
	0820 KECR?	93.3	CA	El Cajon, REL	
	0820 KPMB	100.7	CA	San Diego, RR	
	0830 KLRO	94.9	CA	San Diego	1120
	0845 KMSO?	96.9	AZ	Phoenix, EL	835
	0846 KNAC	105.5	CA	Long Beach	1180
	0849 KAPX	107.9	CA	San Clemente, ad	
	0854 KOTE?106.3		CA	Lancaster	1190
	0858 KITT?105.3		CA	San Diego	1120
	0902 KWST	105.9	CA	Los Angeles	1190
	0908 KMAX?107.1		CA	Arcadia, REL,	
	(not KZEN, Pat -sw)				
	0909 KPRI	106.5	CA	San Diego, RR	
	0921 KOST	103.5	CA	Los Angeles, EL, ID	

5-29 Es	0929 KBIG?	104.3	CA	Los Angeles, EL	
	0929 KBCA	105.1	CA	Los Angeles, jazz	
	0938 KOLA	99.9	CA	San Bernardino, RR	
	0952 KLYD?	94.1	CA	Bakersfield, C&W	
	0955 KIPFM?	96.5	CA	Bakersfield, REL	
	1003 KWVM	93.5	AZ	Show Low, ads	745
	1008 KLVM?	94.1	NV	Henderson, EL	1040
	1013 KLUK	98.5	NV	Las Vegas, RR	1050
	1013 KILA?	95.5	NV	Henderson, REL	
	1017 KTRI	92.3	NV	Las Vegas, ID, wx	

The Best opening in terms of MUF and number of signals since the Dec. 22 one. Lots of in-state trop CCI made this a bit rough.

31 Es	0935-1025 UnIDs	88-98			
	1028 WVFM	94.1	FL	Lakeland, EL	1010
	1029 WJNO	97.9	FL	Palm Beach, MoR	
	1030 WEDR	99.1	FL	Miami, jazz	1150
	1033 WGLD?	106.7	FL	Pt. Lauderdale, EL	
	1038 WRYO	98.5	FL	Crystal River	985
	1052 WRGI	93.5	FL	Naples, ID, ad	
	1058 WILCY	94.9	FL	Tampa, RR, "Y-95"	
	1101 WMCU	89.7	FL	Miami, REL	1150
	1107 WBUS	93.9	FL	Miami Beach, jazz	
	Es spotty on	89.7		'till 1142	
	1458 KBYU	88.9	UT	Provo, PSA	1045
	1615 KBYU	88.9	UT	Provo	1045
	1759 KWVM	93.5	AZ	Show Low, ID	745

6-2 Es	1003 WSCI?	89.3	SC	Charleston	1120
	1044 UnIDs,	very spotty		89.3, 88.5,	
	1200 WMCU	89.7	FL	Miami, MBS, REL	
	1222 WRGI	93.5	FL	Naples, ID	1050

3 Es	2001 UnIDs	88.5, 93.9, 94.1		to 2022	
4 Es	1051 WHBC?	84.1	OH	Canton, EL	1235
	1056 WAUP?	88.1	OH	Akron	1240
	1056 WKSU	89.7	OH	Kent, ID	1255
	1056 WCMU	89.5	MI	Mt. Pleasant	1235

	1056 UnIDs	on almost every channel			
	1126 WYSU	88.5	OH	Youngstown	1275
	1130 WUCG	90.9	OH	Cincinnati	1035
	1140 CJOH	88.7	OH	Windsor	1230
	1140-1230 UnIDs	88-108			
	1237 WRVQ	94.5	VA	Richmond, "Q-94"	
	1238 MIP	107.3			
	1252 WIAL	94.1	WI	Eau Claire, EL	
	1253 KAGE?	95.3	MN	Winona, MN nx	1075
	1307 WDMJ?	95.7	MI	Marquette, EL	1320
	1313 WJPD	92.3	MI	Ishpeming, ID	1315
	1330 WMRP	88.3	OH	Marietta, ID	1180
	1330 88-90 UnIDs	to 1450			

This was such a far-flung opening that many of the UnIDs that I'd normally take a guess at aren't worth the effort.

	1610 KPSS	94.1	CA	San Diego, CI	1120
	1620 UnIDs	88-95.7			
	1647 KALJ	95.1	AZ	Yuma, ID, wx	970
	1658 KRPM	95.5	AZ	Phoenix, EL	835
	1659 KOOL	94.5	AZ	Phoenix, SS , ID	835
	1659 KMBQ?	96.9	AZ	Phoenix, EL	835
	1700 KBBC?	98.7	AZ	Phoenix, RR	835
	1702 KFBAS?	95.9	AZ	Lake Havasu	980
	1707 KILA?	95.5	NV	Henderson, REL	
	1717 KALR?	94.9	AZ	Tucson, EL	750
	1718 KLVM?	94.1	NV	Henderson, EL	1040
	1815 UnIDs	88.5, 88.9			
	1843 WKUU	88.9	KY	Richmond	995

6-5 Es	1320 XEBS?	89.7	DF Mexico	690	1748 KCGM?	95.7	MT Scobey	1380
	1325 XHCM?	88.5	MOR Cuesnavaca	735	1755 KMT?	93.7	ND Minot	1295
	1328 XEDA?	90.5	DF Mexico	690	1800 KQDY	94.5	ND Bismark, EL, ID	1200
	1328 XHNP?	89.3	DF Bhubla	739	1803 KDLR?	96.7	ND Devils Lake	1290
	1329 XHJK?	92.3	DF Mexico	690	1803 CBM	98.3	MAN Winnipeg, promo	1410
	1330 XHSH	95.3	DF Mexico, "R. Amistad"	690	1805 KTYN	94.7	ND Grand Forks, EL	1240
	1330 XEJP?	93.7	DF Mexico	690	1805 CKY?	92.1	MAN Winnipeg	1410
	1330 XEW?	96.9	DF Mexico, RR	690	1808 KQWB	98.7	MN Moorhead, RR	1205
	1332 XELA?	98.5	DF Mexico, Cl	690	1808 KPMW?	97.9	ND Fargo, REL	1200
	1402 XHM	88.9	DF Mexico, soon out.		1812 KPFM	89.3	ND Sargass Forks, wx	1240
6-6 Es	1555-1615	UnIDs	88-95		1812 KEYA?	88.5	ND Belcourt, RR	1320
	1619 WKPT	98.5	TN Kingsport, ID	1045	1813 KCCM?	91.1	MN Moorhead	1205
	1652 WGRD	97.9	MI Grand Rapids	1175	1819 KLRV	95.3	MI Detroit Lakes	1215
	1658 WZZM	95.7	MI Grand Rapids, RR		1819 KNWC?	96.5	SD Sioux Falls, REL	975
	1659 WKQV	98.1	MI Saginaw, C&W	1250	1842 KSJM	93.3	ND Jamestown, EL	1200
	1704 WLAV?	96.9	MI Grand Rapids, RR		1854 WWJ?	98.1	MI St. Cloud, C&W	1140
	1716 WJML	98.9	MI Petoskey, PSA	1320	1905 KSJR	90.1	MN Collegeville, ID	1135
	1717 WLAP	94.5	KY Lexington, ID	995	1917 KWQA	95.1	MN Worthington, ID	995

The Es season, though a little late, is getting into the PM now. However, there were only 2 days in May when the MUF's went over 100MHz. Recent years of the past have been much better. As expected, our new semi-locals on 94.9 & 95.1 are hampering things quite a bit. I'd really hoped to make it past the 1000 count for stations logged this summer. However, at the current pace of new loggings it looks very doubtful. 73, Pat WA5IYX

And now a LATE REPORT in from Jim Pizzi (see address on preceding pages, Thank YOU)

Jim Pizzi (June 3-June 14) PDT

6-3 Es	1905 KCHU	90.9	TX Dallas, \$		6-14 Es	1628 KAFG	102.7	OK Oklahoma City, RR
	1906 KSCU	88.3	TX Keene, mono, EL			1632 KLEW	106.1	TX Denton, SOL
	1913 KCEI	89.3	TX Dallas, \$REL			1632 KWOB	106.9	OK Clinton
	1913 UnID	97.1	Light RR			1636 KOAX	105.3	TX Dallas, EL, ID
	1916 UnID	89.5	east, REL			1637 KINB	107.3	OK Poteau, C&W
	1918 KERA	90.1	TX Dallas, u/KCBK			1637 KARD	107.3	KS Wichita, EL
6 Tr	2359 KAMB	101.5	CA Merced,			1640 KNOK	107.5	TX Fort Worth, SOL
	25 W-Vert & 25 W	Horiz.				1642 KGOY	104.9	OK Bethany, REL
7 Es	1818 KUSD?	89.7	SD Vermillion, Tent			1644 KKMA	104.5	OK Pryor, Gospel
	1819 UnIDs	90.9 & 92.1				1648 KANW	89.1	NM Albuquerque, RR
	1842 KRIS	93.9	SD Rapid City, ID			1651 KMWV	89.1	KS Wichita, \$rx
	1845 KVSR	97.9	SD Rapid City, REL			1653 KUTC?	91.5	ME? KICC?
	2342 UnID	97.9	n.e., \$RR			1654 KGLC	100.9	OK Miami, local nx
9 Es	1207 KSEL	93.7	TX Lubbock, \$C&W			1655 KGOV	92.1	OK Broken Arrow, ID
	1208 KLEK	94.5	TX Lubbock, \$RR			1705 KQEZ	92.3	KS Newton (New Call)
	1214 KLLL	96.3	TX Lubbock, \$C&W			1705 KNGG	92.5	OK Oklahoma City, EL
	1905 KPEC	90.9	WA Tacoma, nrx&wx			1705 KEBC	94.7	OK Oklahoma City
	1906 KPLU	88.5	WA Tacoma, Cl			1706 KFLA	94.5	KS Scott City, EL
	1907 KTOY	91.7	WA Tacoma, RR			1649-1740	UnIDs	88-98
13 Es	1036 KCHU	90.9	TX Dallas, ID			1709 K-IO	91.3	east KBIO, KEIO????
	1102 KSCS	96.3	TX Fort Worth, C&W			1715 KOFO	95.7	KS Ottawa, \$RR
	1103 UnID	96.7	East, EL			1717 KNEY?	95.9	TX Kilgore? C&W/EL
	1104 UnID	93.9	East, RR			1718 KEPC	95.5	TX Waco, RR
	1108 KERA	90.1	TX Dallas, Cl			1722 KMRJ	96.9	KS Pittsburg, SGR
	1109 KCHI	89.3	TX Dallas, Cl			1729 KSYN	92.5	MO Joplin, RR
	1111 KAPM	92.5	TX Dallas, RR			1734 KKAJ	95.7	OK Ardmore
	1112 KBAF	94.5	TX Gainesville, REL			1740 UnID	92.1	C&W, K-BAD?
	1114 KHOO	99.9	TX Waco, \$C&W			1801 WTAW	92.1	TX College Station
14 Es	1558 KSPF	93.9	OK Stillwater			1805 KGTN	96.7	TX Georgetown, RR
	1601 KWEN	95.5	OK Tulsa			1833 KBID	92.9	TX Wichita Falls
	1605 unID	90.7	EL			1835 KAPM	92.5	TX Dallas, C&W
	1606 KHPF	97.7	OK Edmond, mono, RR			1839 KSCS	96.3	TX Fort Worth
	1606 KLCO	97.9	OK Poteau, EL			1841 KZEW	97.9	TX Dallas, RR
	1600 unID	98.1	\$RR			1842 KHFI?	98.3	TX Austin, \$RR
	1612 KFUL	98.9	OK Oklahoma City, SOL			928 KIKY	94.7	TX San Angelo, \$RR
	1613 KFDI	101.3	KS Wichita, \$C&W			1928 KBAD	92.1	NM Carlsbad, C&W
	1614 KTLA	101.7	OK Tahlequah, EL			1933 KITY	92.9	TX San Antonio, \$EL
	1621 KCFO	98.5	OK Tulsa			1936 KEEZ	97.3	TX San Antonio, \$RR
	1623 KVRO	105.5	OK Stillwater, RR			1945 KNCX	91.3	TX Killeen, Cl
	1623 KKKK	105.5	OK Chickasha, C&W					
	1626 KOPM	104.1	OK Oklahoma City, RR					
	1626 KEYN	103.7	KS Wichita, RR					

Steven C. Wiseblood, 707 Loma Way, Santa Maria CA 93454 (18 May- 18 Jun) (PDT)

Equipment: FM-AG @ 15' w/ Finco 55-7 pre-amp. Pioneer SM-Q300B receiver

6-7 Es	1808	KFLA	94.5	KS	Scott City, \$EL	6-13 Es	1109	KAFM	92.5	TX	Dallas, RR/KK
	1810	KBLJ	92.1	CC	La Junta, \$C&W		1113	KZEW	97.9	TX	Dallas, RR 1329
	1817	KPIK	93.9	CO	Colorado Sprrs., C&W, "Super-K 94"		1113	KGAF	94.5	TX	Gainesville, REL
	1830	KMYR	93.7	SD	Winner, EL, MoR, ABC-E nx, Jingle "The Best mx-KMYR"		1126	KEZB?	96.3	TX	El Paso, MoR, EL
	1847	KKLS	93.9	SD	Rapid City, RR, Rock Interviews, "Good Evening Black Hills"		1127	KTGM	99.9	TX	El Paso, MoR
	1847	KVSR	97.9	SD	Rapid City, REL	14 Es	1602	Band	full up to 107MHz at t/in		
	1903	KGRE	92.3	CO	Greeley, \$EL, ID		1607	KNOE	106.9	OK	Clinton, mono
9 Es	1912	KPBC	97.9	WY	Cheyenne, Ai nx		1608	KLAW	101.5	OK	Lawton, RR, K-Law
	1649	CPM4	92.1	SK	Regina, nx 1335		1614	KAKC	92.9	OK	Tulsa, RR/Hite
	1905	KUOW	94.9	WA	Seattle, discussion		1616	KPDI	101.3	KS	Wichita, \$C&W, ID
	1905	KPAM	97.1	OR	Portland, Top-40		1617	KBBB	104.3	TX	Borger, mono, C&W
	1907	KBOO	90.7	OR	Portland, Sports		1619	KCRC	96.9	OK	Enid, ID by woman
	1909	CFMS	98.5	BC	Victoria, EL 985		1622	KEEC	94.7	OK	Oklahoma City, C&W
	1909	KUPL	98.5	OR	Portland, Cl 741		1624	KICT	95.1	KS	Wichita, C&W
	1910	KJIB	99.5	OR	Portland, EL		1628	UnID	97.9	Hit/Top-40	mx
	1910	KCPM	100.3	OR	Portland, EL		1630	KFWB	101.9	OK	Oklahoma City, tornado watch, "FM-102" ID, \$EL
10 Es	0654	KJCK	94.5	KS	Junction City, RR		1637	KGOY	104.9	OK	Bethany, gospel
	0655	KFLA	94.5	KS	Scott City, MoR		1644	UnIDs	on TV Ch. 7,8,9 (MUF-Ch.9)		
13 Es	1050	KRWG	90.7	NM	Las Cruces, talk		1644:	Next 57 seconds spent on High-band TV Es, so FM gets left in dust.			
	1051	KS&T	94.7	TX	El Paso; \$EL 829		1654	KRLG	92.1	OK	Lawton, RR, ID
	1100	KTEP	88.5	TX	El Paso, German mx		1659	KOSU	91.7	OK	Stillwater, NPR ID
	1102	KSCS?	96.3	TX	Fort Worth, C&W		1700	KOEZ	92.3	KS	Newton, \$EL, "Kozy"
	1107	KCHU	90.9	TX	Dallas, Black Blues		1705	KSKG	99.9	KS	Salina, Hit/Top40

Well, that just about does it for another month. The Es season has been in full swing since the 7th of June. Next month, I hope to be able to do a 12-page column (on Pat Dyer alone, hi). The Best day for Es was the 14th, with an MUF seen to Ch. 9. It was my first high band Es seen since 1973. Next month I'll have a new ribbon on the old typewriter, and if possible, I'll also clean the keys, so I'll have a much neater column next month. I hope everybody sends in their reports to reach me by August 10th. Lately I've been doing a lot of Shortwave DX. I've also recently borrowed a freq. counter, and have been busy measuring the frequency of any shortwave station I could hear. Surprisingly enough, most stations were within 20 cycles of their assigned frequency. However, the worst offenders are the Malaysians in the 60-metre band. They're all within 300 cycles of their assigned frequency. No FM DX noted since the 14th. (Today is the 18th). Well, 73's.

an intro to vuh dx

beyond shortwave

by wt.f.d.a.

HQ SPECIAL!

Learn (or review) the characteristics of DX with BEYOND SHORTWAVE (An Intro to V-U DX), then put DX knowledge to practical use with your WtFDA TV STATION GUIDE, featuring maps locating each station in North America! For as long as the supply lasts, you can obtain both publications for merely \$5---save 25¢! Take advantage of the special HQ offer now!

BOTH ONLY \$5

WtFDA TV STATION GUIDE

• CHANNEL MAPS
• TV STATION LISTS

FOR UNITED STATES CANADA AND CENTRAL AMERICA

HISTORY OF WTFDA



... compiled by John Zondlo

The Worldwide TV-FM DX Association has been around for nearly 9 years, a relatively short time compared to many other DX clubs. Yet in those 9 years, WTFDA has managed to gain the respect and admiration of DXers throughout the world.

WTFDA had 2 main predecessors, the AIPA (American Ionospheric Propagation Association) and the WMRC (Worldwide Monitors Radio Club).

AIPA was in business for over 10 years. A TV DX club, it was begun when several DXers in the Buffalo, New York, area had to keep in contact by mail when one of them moved to California. The AIPA folded in 1963 when a new editor took over, ceasing publication with no prior notice. No explanation for this action was ever received.

In 1967, WMRC was floundering with only 27 members and an all-band format. At the ANARC convention that year, former publisher Ferdinand Dombrowski was inspired to change the club's name and format, giving us the present WTFDA. WMRC was 7 years old at the time of the change.

As with any DX club, the history of WTFDA is reflected in its bulletin. Let's take a look at the old issues of the VUD and see just how far we've come.....

9/10-67: 1st bulletin (a "sample" issue). Club known as WTFDXA. HQ in Philadelphia. Features- Introduction to TV-FM DX, Western TV DX, and FM DX by Dennis Smith, and Eastern TV DX and Products by Morrie Goldman.

1-68: Ferdie Dombrowski's first VUD as Executive Editor. HQ moved to Milwaukee. Dues only \$3/year. First picture page. New columns- ANARC Scope by Ambrose Maxim (still a WTFDA ANARC rep) and International Column by Ferdie Dombrowski.

2-68: Article by Ferdie Dombrowski explaining 30-50 MHz DXing. Dennis Smith starts Propagation Notes column, along with Western DX, which includes both TV and FM reports.

3/4-68: Article on Ms by Roger Bunney. FCC News and Data (TV) started by Gary Olson. Dennis Smith begins FCC FM News. Dues now \$3.50/year. Dombrowski's International Column becomes VHF Radio.

5-68: Article on photographing TV DX by Morrie Goldman. 1st Statistics column by Glenn Hauser.

6-68: Copy of ANARC constitution included with VUD. Dombrowski pens article entitled "How to DX".

7-68: Proposed WTFDA emblems by Morrie Goldman and Ferdie Dombrowski are shown. Dave Janowiak's first Techni/Corner appears.

8-68: 1st WTFDA membership list published (Bob Cooper was in the Virgin Islands then, Bill Heusmann in Steger, IL, Frank Merrill in Milan, MI, and Dennis Smith in Wasco, CA. 67 members listed in membership list. Bob Cooper takes over the VHF Radio column.

9-68: Last issue sent to former WMRCers. Report on ANARC convention. Discussion of F2 skip in VHF Radio column.

10-68: CCI column started by Gary Olson. Bill Draeb had only logged 385 TV stations.

11-68: 1st VUD cover with logos. Roger Winsor's first column as FM DX editor (a column now split into Western, Northern, and Southern FM DX). Report from one WTFDA member in Hollywood, CA, reporting reception of ch. 2 in Seoul, Korea, ch. 3 in Cebu City, Philippines, ch. 10 in Providence, RI, etc. (Comments in December '68 VUD rapped his report up one side and down the other)

12-68: Establishment of 1st and 3rd class dues structure - \$4.50/year for 1st, \$3.50/year for 3rd.

1-69: President Dombrowski reports that club financial picture is good, club embarking on advertising campaign in magazines such as "CQ", other bulletin improvements and expansions planned. Secondary peak of "every 33rd year" Leonids meteor shower. Article on horizontal vs. vertical polarization for FM stations by Joe Gragg. Bob Cooper writes article entitled "What Is Normal For TV FM DX?".

- 2-69: Start of "Planning Your Ultimate TV DXing Installation", a 4 part series by Bob Cooper. List of radio paging channels and stations. Mike Northam is named Contest Editor.
- 3-69: Glenn Hauser sets down WTFDA standards for counting stations, states, etc. (e.g., hearing one station under 2 different calls does not constitute hearing 2 stations). Reports of great tropo in January. Mark Lewis' antenna system again felled by the weather. Station Break (ad column) edited by Morrie Goldman. Bill Heusmann takes over as CCI editor. VUD Feature Section begun by Gary Olson, with 1st column featuring a list of articles on TV DX in publications of the 1950's. As of June 1, dues will go to \$4.50/year, \$8.50/2 years, \$12/3 years, \$2/year extra for 1st class. Foreign members offered regular bulletin at \$5/year, or \$3.50/year for special foreign edition minus many DX columns.
- 4-69: Canadian News and Data column appears, edited by Wayne Plunkett.
- 5-69: Pre-Convention Issue. 1st convention held May 30, 31, and June 1, in Matteson and Steger, IL (south of Chicago). Convention hosted by Bill Heusmann. Registration for convention is only \$7.50. Talks given on: "Photographing Your DX", "Get that ID", "Using VTVM As S-Meter", "Building and Using a Heathkit Color Set". DX Mailbag column appears, done at HQ, format of introducing new members used.
- 6-69: Dues raised, as noted in March '69 VUD. Wayne Plunkett takes over FM section of FCC News and Data. Membership list shows 113 members.
- 7-69: Mark Lewis takes over FCC FM News. Bob Seybold joins WTFDA. Wrap-up on 1st convention in Matteson and Steger (meeting hall at Dettmering's Tavern), 14 in attendance.
- 8-69: 7 day tropo opening reported in July. TV-FM report form introduced.
- 9-69: Bob Cooper begins series on "The Meteor Scatter Concept" in Bob's Tek-Notes.
- 10-69: Approximately 110 responses in from Glenn Hauser's article on TV DX in August 2-8 TV Guide. WTFDA TV Station List published, available to members for 50¢, 75¢ for non-members. Bob Cooper's article: "History of 'Early' TV DX - A DX History".
- 11-69: List of TV Guide and TV program listing exchangers. Tommy Buchanan (Darlington, SC) compiles a tapesponders list.
- 12-69: The Propagation "Wand" appears- a summary of predicted DX conditions, done at HQ.
- 1-70: Anniversary Special Issue. Video Lines by Morrie Goldman first appears, initiating the VAFI code. Glenn Hauser has special VHF Radio article entitled "VHF Harmonics". Detailed 8 page bibliography of nearly all articles about FM-TV DX that have been written for commercial publications. Article by Morrie Goldman on offset identification.
- 2-70: Discussion of the rhombic antenna by Rod Luoma.
- 3-70: Ferdie Dombrowski presents first "President's Message". Final Eastern TV DX column by Morrie Goldman. Appearance of split Eastern TV DX column by Roger Brown and Dave Pomeroy. 152 members listed in latest membership list.
- 4-70: Australasian Scene column started by Glenn Hauser (stationed in Thailand). Mark Lewis does "North of the Border Report": FM-TV news in Canada.
- 5-70: Pat Dyer does his first VHF Radio column. Charles Dobbins takes over FCC FM column. Bob Cooper article on tropo DX appears (reprinted in June '76 VUD). Roger Brown's column officially becomes Central TV DX.
- 6-70: 1st appearance of the current WTFDA emblem. Announcement of 1970 convention, to be held in Dunkirk, NY, August 7, 8, 9, with Bob Seybold as host.
- 7-70: Cooper article on DXing the translators. Ron LeBlanc and Frank Aden join WTFDA.
- 8-70: Feature- "Ten Years Ago in the AIPA". Reports of plenty of Es.
- 9-70: Wrap-ups of WTFDA and ANARC conventions.
- 10-70: Mid-September computer listing shows 163 members. Cover featured TV pictures taken by Glenn Hauser in Thailand.
- 11-70: 1970 termed a bad year for the club financially and membership-wise by President Dombrowski.
- 12-70: VHF Radio continues busy. (slow month, hi)
- 1-71: 3rd Anniversary Issue. Further update on TV-FM DX bibliography. Bruce Elving pens "DXing Educational FM" (rewritten in April '76 VUD). Andy Bolin joins WTFDA.
- 2-71: Techni/Corner feature: "Channel 1 in U.S.A., Revisited".

- 3-71: 1st class dues raised to \$7.50/year. Announcement of 1st FM Atlas by Bruce Elving. Debate continues on the dropping of DX columns in such magazines as Popular Electronics; club members seem to feel dropping is unwarranted and publishers did not give sufficient notice.
- 4-71: Bruce Elving issues his DX Constitution, an excellent guide for setting personal DXing standards.
- 5-71: Morrie Goldman presents the TV Test Pattern Guide. Return of Glenn Hauser to the U.S.
- 6-71: Dues raised to \$5.50/year, \$10/2 years, third class. A beginners course in VHF-UHF DX offered for first time (new member package). Gary Olson's last FCC TV column. Comments regarding the Heathkit AR15 by Bruce Elving, plus reactions to his DX Constitution. Some good tropo sessions noted in April.
- 7-71: Bruce Elving takes over FCC FM column.
- 8-71: Charles Dobbins switches to FCC TV column. WTFDA convention held August 13-15 in East Lansing, MI, hosted by Roger Brown. Announcement made at convention that VUD publishing will shift to Chicago area at the end of the year.
- 9-71: Terry Golgan takes over the WTFDA Mailbox. Bruce Elving hits the 1,000 heard mark on FM on 8/23, the 1st DXer to do so (#1,000: WKVI 99.3 Knox IN).
- 10-71: '71 convention wrap-up.
- 11-71: Largest mimeo VUD. Part 1 of Techni/Corner article "TV and FM Receiving Antennas: Fantasies, Fads, and Facts". Dombrowski's Polish History.
- 12-71: WTFDA reaches a crisis point- meeting held November 26 votes on question: "Will HQ and publishing be moved to Illinois?" or "Will the club cease to exist?". HQ staff decided to transfer publishing and HQ to Illinois. President Dombrowski writes editorial denouncing the complete changeover. Les Prus takes over CCI column.
- 1-72: 2nd edition of the FM Atlas is announced. Last VUD for publisher Ferdinand Dombrowski.
- 2-72: 1st VUD published by Chicago area group, Morrie Goldman and Gary Olson publishers. Dennis Moe begins FM QSL Corner.
- 3-72: Announcement that the May issue will be the first offset printed VUD. Dues increase announced, going up to \$6/year third class and \$9/year first class. Statistical comparison of the TV loggings of Bill Draeb and Bob Cooper. Log Data column appears, with Dave L. Brown as editor.
- 4-72: Last mimeo VUD. FM DX column split, with Roger Winsor taking FM North and Richard Wood FM South. Feature on Mexican FM-TV by Glenn Hauser.
- 5-72: First offset printed VUD.
- 6-72: Les Prus and Richard Wood plot the Es opening of March 7.
- 7-72: Reports of super June 2 Es opening.
- 8-72: Membership now over 310. Annual convention held August 3-6 in Marrero, LA, hosted by Ron LeBlanc. Les Prus explains Es cloud tracking. Bob Cooper reviews the AJ-1510 tuner. 3rd class dues raised to \$7/year. Largest VUD.
- 9-72: Convention report, with photos for first time. TV Guide swap maps by Les Prus.
- 10-72: An index to Statistics columns by Glenn Hauser. VHF Radio column becomes VHF Utility DX. Tropo abounds!
- 11-72: Australasian Scene makes its "final return". Bruce Rummel takes over as FM CCI editor. Mike Dorner starts the Western FM DX column. Mark Lewis and Joel Rosenberg announce the availability of their publication "DXers Guide to Canadian TV-FM Stations". Membership now at 324.
- 12-72: Pat Dyer begins classic 3 part series "Es in Depth".
- 1-73: WTFDA begins year #6. Chuck Dobbins gives up FCC TV column. Relatively good DX reported in December.
- 2-73: Shelby Remington volunteers for chairmanship of Meteor Scatter Test Committee. Don Ruland takes over FCC TV column.
- 3-73: Winter DX conditions continue to be good. Article on identifying non-English DX by Richard Wood.
- 4-73: Glenn Hauser reports on Mexican TV.
- 5-73: Complete list of Mexican FM and TV stations by Glenn Hauser. Roger Winsor's farewell as FM North editor.
- 6-73: Mike Dorner's 5th Progress Report on the FCC FM allocation table is announced.
- 7-73: Pre-Convention issue. Russ Brown takes over as FM North editor. Plenty of Es June 3-6.

8-73: Convention held August 2-5 in Dunkirk, NY, hosted by Bob Seybold. Reports of high band and double hop Es and tropo ducting. Dave Janowiak issues the Commandments of Antenna Installation.

9-73: Station Break returns. Techni/Corner features a review of Alliance rotors. Convention wrap-up. Convention financial report shows club made a profit of \$156.10 in the previous year. Roger Brown moves to FCC TV and Don Ruland takes Central TV DX. Ken Simon takes over TV QSL column.

10-73: 3rd class memberships no longer accepted. Greg Kelley takes over FM QSL Corner.

11-73: Bruce Elving named ANARC's "Man of the Year". Don Ruland elected to WFTDA's Board of Directors, replacing Ferdinand Dombrowski.

12-73: Roger Horie takes over as Western FM DX editor.

1-74: Topeka defeats Fort Lauderdale 6 to 3 for the 1974 Convention.

2-74: Don Ruland presents "How to Report to a DX Column". Bill Thompson is new Eastern TV DX editor. Latest membership list totals 330.

3-74: Glenn Hauser provides list of addresses and managers for Mexican FM stations.

4-74: 2 new WFTDA publications released- Beyond Shortwave and the UHF Translator DX Guide.

5-74: Search on for new FM North editor - HQ efforts to contact Russ Brown have failed, and all reports sent to him are apparently lost. Clarke Golubic (Ingram) writes his 1st VUD feature- "The Haunting DX".

6-74: Results of WFTDA Member Survey published; Bob's Tek-Notes rated the most popular column; many good suggestions made on improving the club.

7-74: Don Ruland becomes VUD editor. Edward Barbont replaces Russ Brown as FM North editor. Plenty of Es in May and June.

8-74: Convention held August 2-4 in Topeka, Kansas, with Dave Pomeroy as host. Steve West becomes Central TV DX editor. Jim Alexander starts the Photo-News column. Larry Vogt takes over Southern FM DX on interim basis.

9-74: Tek-Notes features a comparison of the totals of Bill Draeb, Bob Seybold, Bob Cooper, and Roger Brown. Clarke Ingram takes over the TV-FM Scoreboard section of Statistics from Glenn Hauser.

10-74: Topeka convention report. Ken Simon has in depth article on TV and FM in Guatemala. Bill Draeb is new Central TV DX editor.

11-74: Overseas membership rate raised to \$16/year for air mail service. Ken Simon continues his tour of Central America, hitting Costa Rica. Morrie Goldman editorializes on the many problems the club is having, including membership, which is at around 288.

12-74: Ken Simon heads over to El Salvador for a report on TV-FM in that country.

1-75: 2 new columns appear- PS Spectrum by Terry Colgan and TV CCI Aids by John Combs. Announcement that Bob Cooper would soon take over as VUD editor (never happened, tho). Southern FM DX column now handled by Ted Fleischaker.

2-75: Dues raised to \$11/year, \$18/year foreign. Rerun of the TV Test Pattern Guide.

3-75: Morrie Goldman begins feature on TV receivers of the future. TV CCI now ably handled by Frank Aden.

4-75: John Zondlo takes over WFTDA Mailbox, and Dave Pomeroy becomes FCC TV editor. The third edition of the FM Atlas now on the market.

5-75: Es expert Mel Wilson conducts his Q&A version of Es in Depth. Bruce Elving pens an article on DXing vertically polarized stations.

6-75: WFTDA TV Station Guide is finally released. Sheldon Remington reviews the Pioneer TX-9100 tuner.

7-75: Jim Gould makes 910 mile tropo catches. Updates for the TV Station Guide by Clarke Ingram and Glenn Hauser.

8-75: Glenn Hauser sees plenty of high band Es, with pictures in Photo-News. WFTDA convention held in Fort Lauderdale August 1-3, with Ken Simon as host. Steve Wiseblood becomes Western FM DX editor.

9-75: The search begins for a new publishing staff.


10-75: Charles Winters takes over the Southern FM DX column.

11-75: Glenn Hauser elects to give up the TV records portion of the Statistics column. New editor not found for months.

12-75: Super tropo reported November 4 & 5. Greg Kelley resigns as FM QSL Corner editor. Report on the '75 WFTDA convention. "Important Notice" inserted with many VUDs, giving ultimatum to find new publisher or cease publication.

1-76: Last VUD published by the Chicago group. New appointments announced.
 2-76: VUD publishing operations transferred to the NW Indiana trio of Pete Oprisko, John Zondlo, and Mike Hogan. Clarke Ingram relinquishes Scoreboard column to become VUD editor-in-chief. Ken Simon reports on Dominican TV-FM. QSL Corners change hands, with Paul Traska handling TV, Tom Yingling on FM.
 3-76: VUD Table of Contents instituted. Tek-Notes returns after two years, features an article on NOAA Weather Radio. Fred Nordquist is Northern FM-DX editor, while Steve West takes over TV CCI Aids. Ken Simon's feature column, International Notes, premieres.
 4-76: Special FM Issue, hailed by many as best VUD to date. Bruce Elving discusses "DXing Educational FM." Morrie Goldman interprets FM tuner specs. Pete Oprisko reviews the Sony ST-5130 tuner. Clarke Ingram lists non-IDing FM stations. Rod O'Connor revives the FM CCI column, dormant since 1973.
 5-76: Newspaper article on Pete Oprisko featured. Paul Gaines institutes the This Is Your DX column, printing stories of DXers' experiences.
 6-76: Announcement of new WTFDA Reprint Service. Rewrite of Tek-Notes article "Tropo In Depth." Photo-News expands to 4 pages with comparison and contrast pictures. Clarke Ingram reviews Advent Projection Television.
 7-76: Bicentennial Issue (red cover, white pages, blue Reprint Service book in center). Also largest VUD to date with 60 regular pages and equivalent of 14 pages of inserts. Clarke Ingram editorializes on "Support Your Club"; also reports on Test Pattern Guide progress. Third WTFDA Member Survey is included, as are full convention details and registration blank. History of WTFDA is covered by John Zondlo.

As you can see, WTFDA has had its good times and its bad times. Its future is now in the hands of each and every member...let's keep it going strong!



John Zondlo

NORTHERN FM-DX (continued from page 18)

JULY 1976

Peter Oprisko - 1932 New York Avenue - Whiting, IN 46394 (CDT) 219-659-2954

This report covers only the first half of June. For such a short period of time, DXing the educational band (88-92 MHz) has been quite eventful:

- 1.) E-skip finally arrived--El Paso, TX at approximately 1500 miles.
- 2.) Sunrise tropo brought several new stations including a 100-mi. 10-watt
- 3.) Received my 20th 10-watt station
- 4.) Added three new states: TX, MN, KY--now 10 states and one province.
- 5.) After just 5½ months, logged my 76th educational band station, a level of accomplishment that usually takes about 5 years.

Equipment: Sony ST-5130 tuner, single Channel Master Probe 9 (Model 4408) antenna mounted horizontally at 60 feet on a Rohn 20-G tower, Cornell Dubilier AR-40 rotor, Belden 8285 300-ohm lead-in. (No traps, no booster.)

- | | | | | | | | |
|------|----|------|------|------|----|--|-------------------------------------|
| 6-1 | Tr | 0517 | WCBE | 90.5 | OH | Columbus (310) | classical music |
| 6-2 | | 0509 | WBGU | 88.1 | OH | Bowling Green - nx, | Ohio wx, "temp in B. Green" |
| 6-4 | | 0500 | WIDR | 89.1 | MI | Kalamazoo - rock mx, | sidewalk book sale, <u>10 watts</u> |
| 6-6 | Es | 2000 | KTEP | 88.5 | TX | El Paso (1500) | first E-skip educational |
| 6-8 | Tr | 0122 | WLFM | 91.1 | WI | Appleton (190) | jazz, student DJ's last program |
| | | 0427 | KSJN | 91.1 | MN | St. Paul (360) | classical mx w/George Fisher anncr |
| 6-9 | | 0430 | WHRM | 90.9 | WI | Wausau - "This is the Wausau station of the ECB..." | |
| | | 0602 | WFPK | 91.9 | KY | Louisville - "For your information & inspiration..." | |
| 6-16 | | 0700 | KCCK | 88.3 | IA | Cedar Rapids - ID, NPR programming | |
| | | 1900 | WEKU | 88.9 | KY | Richmond - "The voice of Eastern KY University...." | |
| 6-17 | | 2236 | KLUM | 88.9 | MO | Jefferson City - "Music K-L-U-M" soul music | |

All DXers here are looking forward to the WTFDA Convention. The August VUD will be "off-the-press" in time to be hand-distributed to those attending.

73, Pete

PHOTO-NEWS

Jim Alexander
4 Brook Court
Parsippany NJ 07054

July, 1976

This month, we have two pages of TV-DX, contributed by 8 different DXers. Don't miss the WCBS-2 meteor scatter photo (only the second photo of DX by meteor scatter that has been sent to your editor) taken by Paul Gaines!



WCBS-2 New York, NY
490 mile meteor scatter (PG)



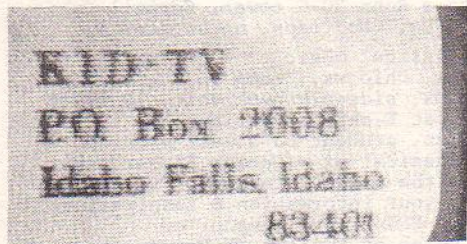
WKBD-50 Detroit, Mg
215 mile tropo (PT)



WOSU-34 Columbus, Oh
290 mile tropo
7/22/75, 2230 EDT (BT)



WEAU-13 Eau Claire, Wi
390 mile tropo
8/16/71, 1000 CDT (JG)



KID-3 Idaho Falls, Id
Es 7/1/75 (MG)



KIVI-6 Nampa, Id
Tropo (RW)



CBUT- 2 Vancouver, BC
Es (JP)



WJBK- 2 Detroit, Mg
945 mile Es (RL)



KWWL- 7 Waterloo, Ia
460 mile tropo (FG)



WBMG-42 Birmingham, Al
490 mile tropo
9/14/74, 2300 CDT (JG)



KLNE- 3 Lexington, Ne
Es (PT)

Contributors:

- IG = Paul Gaines, Detroit, Mg
- PT = Paul Traska, Buffalo, NY
- BT = Bill Thompson, Buffalo, NY
- JG = Jim Gould, Kokomo, In
- ME = Morrie Goldman, Chicago, Il
- RW = Robert Williams, Twin Falls, Id
- JP = Jim Pizzi, Orcutt, Ca
- RL = Ron LeBlanc, Marrero, La

Hope this year's Es season will be a productive one for all. If you see anything special, be sure to take a photo of it (and send a print in for all to see)!

73 and good DX, *Jim*

VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 10th of month

JULY 1976

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT

11-9: 2356, N3736G 134.5 vic Easton, MD (Bert A. Rowe, Beech 18)

7-14: 1755, N3725R 119.7 Pasadena Inter. (Dr. Arthur L. Maskins; Piper Cherokee 180E, 1-eng, 4-seat; 3000')

• Michael D. Schoenfuss, PO Box 401, Abbotsford, WI 54405 Realistic Pro-6 with plug-in antenna; Electronics International 9-band w/whip

- 6-2: ? 146.82 Wausau, WI (2-mtr amateur repeater)
 KCX 975 155.10 Wausau, WI (fire)
 ? 152.66 Wausau (Gen. Tel. Co., mobile phone)
 KRS 672 152.?? Wausau (Forward Message Center, common carrier)
 KSB 915 47.54 Colby, WI (Medford-Colby Veterinary Clinic)
 KSC 670 153.50 Abbotsford, WI (Northern States Power Company)
 WKU 42 158.22 " (")
 KSE 831 47.68 Abbotsford, (Melvin's Ready-Mix)
 KTH 688 155.175 Marshfield (Marsh. Clinic, medical paging)
 ? 152.030 " (Marshfield Radio Secretary, common carrier)
 ? 152.54 " (Gen. Tel. Co., mobile phone)
 KSA 888 155.01 " (police)
 KSB 362 159.21 Wausau, WI (sheriff)
3: KSA 348 155.805 Neillsville, WI (sheriff)
 KTK 561 155.565 Medford, WI (sheriff)
 KIS 525 151.895 Abbotsford (A.C. Dehn, DVM)
4: 1802-2200 Z, several sets of unIDed tones between 35-40 MHz (tape copies available for anyone interested or who might be able to recognize them) likely pagers, but some might have been power company telemetry or even of satellite origin - OK City pager in
7: 1518 Z, OK City 35.58 (as well as several tone signals)

Now, my loggings. Allied A-2586, Hallicrafters SX-62, Hammarlund SP-600-JX-10; two 30' long-wires at 12' (run ne-sw & nw-se); all are Es unless noted; * F2 backscatter; new underlined, GMT used

- | | | |
|----------------------------|---------------------------------|--------------------------|
| <u>5-11:</u> 1818, KMA 829 | 18: 2334, KIL 431 | 20: 1611, KAA 414 |
| | 2335, KID 651 | KAD 761 |
| 1927, KAQ 606 | 2347, KIG 585 | 1627, KAA 521 |
| 1929, KDN 407 | <u>19:</u> 0011, <u>KTK 394</u> | 1642, KFL 936 |
| 1934, KAI 927 | 0017, <u>KAY 966</u> | 1718, KAI 927 |
| 2014, L Ang-a | 0424, KQC 884 | 1802, KAQ 606 |
| 2015, L Ang-b | 0535, KME 438 | 1905, KFL 943 |
| 2335, KIN 645 | 1554, KQI 316 | 2050, KME 438 |
| <u>12:</u> 1730, S Diego-a | 1609, Ironton | 2113, L Ang-a |
| <u>13:</u> 1631, KAA 893 | 1717, KQC 877 | 2139, L Ang-b |
| <u>14:</u> 0002, KFL 943 | 2357, KSC 645 | <u>21:</u> 1800, KOE 257 |
| 1916, S Diego-a | <u>20:</u> 0005, OK City | <u>22:</u> 1634, KIE 953 |
| 2012, L Ang-a | 0036, KMA 829 | 1705, KMA 829 |
| 2013, L Ang-b | 1509, KAA 241 | <u>23:</u> 0445, KMA 829 |
| 2300, 32.000 F2 | 1516, <u>KAA 474</u> | 0855, KME 438 |
| | 1518, <u>KAD 472</u> | 1625, KIE 953 |
| | 1520, <u>KAL 561</u> | <u>24:</u> 1556, KSC 645 |
| <u>15:</u> 0117, KIF 651 | 1522, KAA 947 | 1748, L Ang-b |
| 2057, 32.000 F2 | 1525, <u>KAA 317</u> | 1813, S Diego-b |
| <u>17:</u> 1554, KQC 877 | 1547, <u>KFW 306</u> | 1825, S Diego-a |
| 1617, KSC 645 | 1554, <u>KAA 985</u> | 1828, L Ang-a |
| <u>18:</u> 0543, KFL 943 | 1603, <u>KAA 585</u> | 1841, KMA 829 |
| 1638, KFL 936 | KAA 449 | 1930, KME 438 |
| 2320, KIL 722 | 1605, <u>KAB 607</u> | <u>25:</u> 1519, L Ang-a |
| 2323, <u>KIH 982</u> | <u>KAB 223</u> | 1527, KIN 645 |
| KSV 732 | 1611, <u>KAD 417</u> | 1629, <u>KAD 756</u> |
| 2325, <u>KIJ 489</u> | | |

25: 1636, KAF 474
 26: 1451, KQA 459
 1607, KSC 645
 1716, KAD 756
 1721, KAA 985
 1808, KOE 257
 27: 1517, KME 438
 1717, KQC 877
 28: 0315, KQC 884
 1743, KOE 257
 1752, KIM 476
 KSQ 453
 1759, KIJ 764
 1805, KDP 456
 1814, KDY 372
 1815, KAY 966
 1824, KIJ 489
 1853, KIC 407
 1929, KIM 905
 1932, L Ang-a
 1936, L Ang-b
 1941, KTG 511
 19-- , KFB 952
 2120, 32.96 P2
 29: 0244, KIN 645

29: 0334, KAA 893
 30: 1916, KQC 877
 1935, KQI 316
 1940, KSC 645
 6-1: 1630, KPL 943
 1713, KAL 561
 1714, KAA 317
 1718, KAA 521
 1722, KGW 793
 KAA 747
 1723, KAD 472
 1918, KAB 574
 KAD 505
 1920, KAA 948
 1921, KAA 414
 1922, KAG 641
 KAA 241
 1925, KGT 462
 1926, KAD 407
 1928, KBU 685
 1935, KAD 471
 1937, KAA 979
 1938, KFM 306
 1940, KAA 449
 1945, KAB 607

1: 1959, KAD 308
 KAA 441
 2000, KAB 454
 2001, KAD 417
 KAF 228
 2002, KAB 266
 2: 0542, KAA 860
 KAA 585
 0547, KAA 979
 0552, KAA 879
 1547, KQI 316
 1551, KBS 994
 1557, KAA 241
 4: 1550, KAD 756
 1601, KAB 264
 1621, KAF 228
 1627, KAE 697
 1628, KAD 471
 6: 1512, KAD 546
 7: 1952, Cleveland
 8: 0504, KAD 471
 10: 0645, L Ang-a
 0655, KOE 257
 (5-20: 1605, KAD 468)

KAA 241	37.10	Nevada, IA-cp	KDN 407	35.22	Col. Sps, CO
KAA 317	37.10	Pringhar, IA-cp	KDP 456	37.26	Decatur, TN-cp
KAA 414	37.10	Sac City, IA-cp	KDY 372	37.26	Lafayette, TN-cp
KAA 441	37.10	Sidney, IA-cp	KFB 952	37.26	Jacksboro, TN-cp
KAA 449	37.10	Eldora, IA-cp	KFL 936	35.58	(west)
KAA 474	37.10	Webster City, IA-cp	KFL 943	35.58	Las Vegas, NV
KAA 521	37.10	Spencer, IA-cp	KFM 306	37.10	Tama, IA-p
KAA 585	37.10	Marshalltown, IA-cp	KGT 462	37.10	Johnson Co, IA-cp
KAA 747	37.10	Webster City, IA-cp	KGW 793	37.10	Cascade, IA-p
KAA 860	37.10	Grundy Center, IA-cp	KIC 407	37.26	Murfreesboro, TN-p
KAA 879	37.10	Adel, IA-cp	KID 651	37.26	Cookeville, TN-p
KAA 893	35.22	St. Louis, MO	KIE 953	35.58	Atlanta, GA
KAA 947	37.10	Centerville, IA-p	KIP 651	35.58	Pt Lauderdale, FL
KAA 948	37.10	Clinton, IA-p	KIG 585	37.26	Madisonville, TN-cp
KAA 979	37.10	Oskaloosa, IA-p	KIH 982	37.26	Carthage, TN-cp
KAA 985	37.10	Marshalltown, IA-p	KIJ 489	37.26	Manchester, TN-cp
KAB 223	37.10	Newton, IA-p	KIJ 764	37.26	Dayton, TN-cp
KAB 264	37.10	Cresco, IA-cp	KIK 394	37.26	Jasper, TN-cp
KAB 266	37.10	Carroll, IA-cp	KIL 431	37.26	Morristown, TN-cp
KAB 454	37.10	West Union, IA-cp	KIL 722	37.26	Covington, TN-cp
KAB 574	37.10	Marengo, IA-cp	KIM 476	37.26	Rogersville, TN-cp
KAB 607	37.10	Guthrie Center, IA-cp	KIM 905	35.22	Charlotte, NC
KAD 308	37.10	New Hampton, IA-cp	KIN 645	35.22	Miami, FL
KAD 407	37.10	Northwood, IA-cp	KMA 829	35.58	San Diego, CA
KAD 417	37.10	Audubon, IA-cp	KME 438	35.22	Orange, CA
KAD 468	37.10	Allison, IA-cp	KOE 257	35.22	Phoenix, AZ
KAD 471	37.10	Mt Pleasant, IA-cp	KQA 459	35.42	Lima, OH-mp
KAD 472	37.10	Osceola, IA-cp	KQC 877	35.58	Cincinnati, OH
KAD 505	37.10	Garner, IA-cp	KQC 884	35.58	Detroit, MI
KAD 546	37.10	Forest City, IA-cp	KQI 316	35.90	Cincinnati, OH-f
KAD 756	37.10	Waterloo, IA-cp	KSC 645	35.58	Chicago, IL
KAD 761	37.10	Anawa, IA-cp	KSQ 453	37.26	Kingsport, TN-cp
KAE 697	37.10	Anamosa, IA-cp	KSV 732	37.26	Celina, TN-cp
KAF 228	37.10	Manchester, IA-cp	KTG 511	37.26	Midtown, TN-cp
KAF 474	37.10	Grinnell, IA-p	-	35.42	Cleveland, OH-mp
KAG 641	37.10	Atlantic, IA-cp	-	35.42	Ironton, OH-mp
KAI 927	35.34	Denver, CO	-	a-35.38/b-	35.46 Los Ang, CA-mp
KAL 561	37.10	Dyersville, IA-p	-	35.58	OK City, OK
KAQ 606	35.58	Denver, CO	-	a-35.38/b-	.46 San Diego, CA-mp
KAY 966	37.26	Dunlap, TN-cp			
KBS 994	37.26	Dickson, TN-p			
KBU 685	37.10	Council Bluffs, IA-cp			

73, Pat WA5IYX

EASTERN TV-DX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

July 1976

May B-skip dates:	3	5	6	10	11	12	13	14	15	17	18
number of reporters	1	2	2	4	1	3	2	1	5	5	4
MUF to at least:	ch 3	6	3	6	4	4	4	3	6+	3	4

19	20	21	23	25	26	27	29	30	31
1	2	4	2	2	2	1	1	2	5
3	2	4	5	3	5	2	2	3	6+

Es activity, which showed a lot of promise in mid-May, slowed down

quite a bit by the end of that month. Late May skip openings were generally disappointing. However, June so far has presented us with some good-to-excellent skip openings—and what has up to now been a so-so season isn't quite over yet. There's not much to speak of in the way of trope, with the exception of a super morning opening noted on 6-10 by Bob Seybold.

Randy Dorman 8113 Spaulding Circle Severn, Maryland 21144 (EST)

"Well for the first time I'm going to report. I've been in TV DXing since December of '75 so I don't have much experience. I don't have anything elaborate, just a SHARP 2W250 and I use the antennas that came with it. I've never experienced Es yet but I'm waiting. Hopefully I'll be able to report next month. 73s" (Thanks for the report, and welcome -bt)

December 1975		29 Tr 2100 WHYY-12 DE	16 Tr 0010 WPVI-6 PA
3 Tr 2100 WBVR-53 VA		2115 WKBS-48 PA	19 1955 WAVY-10 VA
14 2050 WTAJ-29 PA	April		2000 WERA-15 VA
2100 WCPB-28 MD	15 Tr 2005 WBOC-16 MD		2100 KYW-3 PA
March 1976	2330 WYAH-27 VA		2230 WLVT-39 PA
29 Tr 2055 WPHL-17 PA	16 0000 WXXE-8 VA		2340 WRJT-52 NJ

Bill Grant 67 Brattle Street Worcester, Massachusetts 01606 (EST/EDT)

January		31 Es 0902 Tele-Rebelde-3 Holguin CUBA	
4 Es 1100 WMT-2 Cedar Rapids IA		0905 TV National-3 Santa Clara CUBA	
6 2300 KTCM-2 St Paul MN		0915 TV National-2 Habana(?) CUBA	
2310 KGIO-3 Mason City IA		0930 WPBT-2 Miami FL	
2330 KUSD-2 Vermillion SD	June		

10 1100 WBDU-3 Tampa FL	1 Es 1300 KTVO-3 Ottumwa IA
13 1800 KTYV-3 Springfield MO	KTFW-2 Tulsa OK
1822 KTVI-2 St Louis MO	1305 WMT-2 Cedar Rapids IA
	1325 WISC-3 Madison WI
	1355 KCPK-2 Thunder Bay Ont
	1408 KDAI-3 Duluth MN
	1835 unID-3 CUBA

April	
25 Es 1230 KQTV-2 St Joseph MO	
1300 KTVO-3 Ottumwa IA	

May	
12 Es 1720 TV National-3 Santa Clara CUBA	4 1230 WBSH-2 Daytona Beach FL
1815 WPBT-2 Miami FL	6 1940 KTYV-3 Springfield MO
15 1330 KFTS-2 Little Rock AR	2228 WEAR-3 Pensacola FL
18 1000 KARD-3 Wichita KS	2255 WLBT-3 Jackson MS
19 1230 WEAR-3 Pensacola FL	7 2030 WSAV-3 Savannah GA
31 0900 WTHS-2 Miami FL	

"Nothing very spectacular in the way of DX to report so far this year. The most interesting DX has been the Cubans with a good photo of Tele-Rebelde's TP obtained. The skip has found it difficult reaching ch 2 but has had better success during early June."

Scott Levitt 328 Rahway Avenue S. Plainfield, NJ 07080 (201)757-4351

March	
25 Tr 2300 WTNH-8, WAJR-20, WBDW-49 Hartford U's, WSMW-27 MA, WPRI-12, WSBK-38	19 Tr 0627 WWBT-12 Richmond VA (270) 0634 WBFF-45 Baltimore MD (146) 0642 WDCA-20 Washington (174) 0650 WYAH-27 Portsmouth (292) Scranton-Wilkes Barre U's 0700 WCPB-28 Salisbury MD (167) WAPB-22 Annapolis MD (124) 0705 WCVW-57 Richmond VA (270)

April	
10 GW 0045 W53AA-53 New York City (49) "My first translator."	
19 Tr 0525 WAVY-10 Norfolk VA (285) 0530 "Washington (174) and Baltimore (146) highbanders and WTTG-5"	May 10 Es 2005 unID-2 "zero offset" unID-2 "plus or minus"
0540 WXXE-8 Petersburg VA (270)	12 1500 WTHS/WPBT-2 Miami (1083)
0600 WGAL-8 Lancaster PA (103)	ICR-2 Havana CUBA (1331)
0605 WVEC-13 Norfolk VA (285)	13 1730 WESH-2 Daytona Bch (874)
0620 WBOC-16 Salisbury MD (167)	WEDU-3 Tampa FL (980)

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

May

10 Es? 1950 unID-2 "two stns o/WPBT" 17 Es 1430 KTVO-3 Ottumwa/Kirksville
 11 Tr 2100 WBBH-20, WMFB-24, WTVX-34, 21 1341 WBBM-2 Chicago (1115) 1795km
 WSWB-35, WXLN-40, WTOG-44, unIDs to ch 4
 WEVU-26 FL 22 Tr 0830 WAVE-3 Louisville KY 5542R
 WBBH-20, WMFB-24, WEVU-26, WTVX-34, WTOG-44 FL

12 Es 1815 2105 W69AA-69 "traces" T Es? 1300 unIDs on 3
 WMAR-2 Baltimore MD 3421R WBBH-20, WXLN-40, WTOG-44, WCBS-2 New York City T 29 Tr 0700 W64AD-64 "rebr: WDBC-6"
 WSYR-3 Syracuse NY 4422R WTVX-34, WTOG-44 FL
 1850 unID 2,3,4 "Spanish (prob- 0737 WEVU-26, WMFB-24, WTVX-34, ably Mexico)" unID-3 "10 kHz o/WEDU-3"
 1925 KIII-3 Corpus Christi TX Es 1128 unID-2 "Spanish...ads"
 1935 WPSX-3 Clearfield PA T 31 0945 WTWO-2 IN (960) 1550km
 1950 unID-2 "CANAL 5 net???" unID-3 ETV
 2030 unIDs 2,3 "Spanish dramas" WFSE-3 Hartford CT 0411R
 2050 TGV-3 Guatemala GUATEMALA 1015 KTFV-2 MO (1000) 1615km
 "FIRST Es IN 4 MONTHS!!!!!!" 1100 KTFV-3 Springfield MO T
 15 Tr 2310 W69AA-69, WBBH-20, WMFB-24, 1118 KIII-3 Corpus Christi 2111R
 WEVU-26, WTVX-34 FL 1300 unIDs 3,4
 17 Es 1430 KTFV-2 St Louis MO T plus unIDs to 1515
 "Ah...Es again!!! Note TGV-3 is on the air (I got them 1 June in color) after the earthquake...73's etc."

Thomas J. Yingling, Jr. 221 Pinewood Road Baltimore, Maryland 21222 (EDT)

"Phone # 1s (301) 282-5649 week-days after 5:30 p.m. EDT, the rest anytime! Antennas used: Lafayette 36-element log-periodic type & 5' dish with preamp. On VHF-TV ch 2-6 Channel Master tuneable trap, and a Winegard ch 2-13 preamp model BC-234. New loggings underlined, rest are relogs..."

May

8 MS 0211 WTWO-2 Terre Haute (560)
 0215 WBBM-2 Chicago IL (600)
 0220 KCKT-2 Gt Bend KS (1150)
 0224 WJHK-2 Detroit MI (450)
 0232 KSD-5 St Louis MO (730)
 0245 KMOX-4 St Louis MO (730)

11 Es 1700 (ICR6)-3 Santa Clara CUBA
 1715 WJXT-4 Jacksonville (650)
 1730 WTVJ-4 Miami FL (950)
 1800 WMAR-2 State College (750)

13 1050 KBTX-3 Bryan TX (1210)
 1120 KTBS-3 Shreveport (1100)
 1130 WNL-4 New Orleans (1100)
 1200 KJAC-4 Port Arthur (1150)
 1230 KMOX-4 St Louis MO (730)
 1300 KTVO-3 Ottumwa IA (800)

18 0148 KTFV-2 St Louis MO (730)
 0150 KARD-3 Wichita KS (1100)
 0200 (KTFV)-4 OK City (1150)
 0210 WBBM-2 Chicago IL (600)
 0219 KCKT-2 Gt Bend KS (1150)

30 Es 0200 KTFV-2 St Louis MO (730)
 0205 WJHK-2 Detroit MI (450)
 0230 WMT-2 Cedar Rapids (800)
 WBBM-2 Chicago IL (600)
 0240 KTFV-3 Omaha NE (1000)

June

5 Es 1600 KMOX-4 St Louis MO (730)
 1700 WRBC-3 Memphis TN (750)
 1730 KTFW-2 Tulsa OK (1050)
 1740 KATC-3 Lafayette LA (1100)
 1800 (ICR6)-3 Santa Clara CUBA

6 0200 WTWO-2 Terre Haute (560)
 1800 KCMO-5 Kansas City (950)
 1820 KMTV-3 Omaha NE (1000)
 1830 KWAB-4 Big Spring (1450)
 1900 KSNE-4 Superior NE (1100)

7 2000 WEDU-3 Tampa FL (1000)
 2010 KATC-3 Lafayette LA (1100)
 2030 WBRZ-2 Baton Rouge (1100)
 2040 WNL-4 New Orleans (1100)
 2050 KTFV-6 Dodge City (1150)

Wayne Fitzgerald 718 Leesville Road Lynchburg, Virginia 24502 (EDT)

May

5 GW 2300 WCWV-57 Richmond VA (98)
 W7SAG-78 Rustburg VA (10)

15 Es 1300 KCKT-2 Gt Bend KS (1059)
 KARD-3 Wichita KS (982)
 1330 KOAA-5 Pueblo CO (1372)
 1345 KOA-4 Denver CO (1383)
 1400 KLINE-3 Lexington NE (1112)
 KNOP-2 N Platte NE (1171)

17 2330 KTCA-2 Minneapolis (883)
 21 2200 KTVS-3 Sterling CO (1295)
 KNOP-2 N Platte NE (1171)

23 Tr 1100 WOAY-4 Beckley WV (113)
 WDTV-5 Weston WV (141)

23 Tr 1100 WHIS-6 Bluefield WV (106)
 1200 KDKA-2 Pittsburgh PA (221)
 WSWP-9 Grandview WV (110)

Es 1500 KCKT-2 Gt Bend KS (1059)
 31 1040 (ICR6)-3 Santa Clara CUBA

June

3 Es 1045 Tele Rebelde-3 Holguin CUBA
 1050 Tele Rebelde-5 Santiago CUBA
 1055 unID-6 CUBA
 unID-2 CUBA

1125 WTHS-2 Miami FL (840)
 1130 WTVJ-4 Miami FL (840)
 1300 WEAR-3 Pensacola FL (675)

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EST/EDT)								
April				1 Es	1330	KTBS-3	Shreveport LA	R
14 Tr	2100	WBGU-57	BowlingGreen OH	R	3	0940	TV National-3	Santa Clara CUBA
17	0115	WCDC-19	Adams MA	R		0950	WEDU-3	Tampa FL
	2030	WLVT-39	Allentown PA	R		0959	WRBL-3	Columbus GA
21	0045	WMHT-17	Schenectady NY	R		1000	WPTV-5	W Palm Beach FL
		WCDC-19	Adams MA	R	4	1300	WEAR-3	Pensacola FL
30	1720	WKBS-48	Philadelphia PA	R			WRBL-3	Columbus GA
	1722	WNVT-53	Annamdale VA	R			KFDX-3	Wichita Falls TX
		WDCA-20	Washington DC	R		1305	WKRG-5	Mobile AL
	1724	WHP-21, WTPA-27	Harrisburg PA	R		1320	KAUZ-6	Wichita Falls TX
	1725	WLVT-39	Allentown PA	R			KALB-5	Alexandria LA
May								
5 Es	1245	unIDs 2, 3, 6	southwest			1325	KTBS-3	Shreveport LA
6	1325	KTVS-3	Sterling CO	R	5	1330	WDSU-6	New Orleans LA
Tr	1848	WPSX-3	Clearfield PA	R	7	1630	WEDU-3	Tampa FL
Es	1848	unID-5	CCI west			1058	WSAV-3	Savannah GA
Tr	1715	Philadelphia, Allentown, Trenton, Harrisburg U's				1130	WLBT-3	Jackson MS
7	1255	WJAC-6	Johnstown PA	R		1155	KARD-3	Wichita KS
		WPSX-3	Clearfield PA	R			KCKT-2	Great Bend KS
	1330	WTAJ-10, WIIG-11	PA	R		1345	KLNB-3	Lexington NE
	1340	WOPC-38, WPGH-53	PA	R		1500	KDAL-3	Duluth MN
10 Es	2000	KYTV-3	Springfield MO	R		1511	CBWFT-3	Winnipeg Man
		KFDX-3	Wichita Falls TX	R				"Last logging; went on a dumb fishing trip, only to find out when returned that I missed a few new loggings (Damn!)." (Every DXer who's also an avid fisherman knows the rest of this story: the fish weren't biting, too! -bt)
15	1200	KMFV-3	Omaha NE	R				
		KTBS-3	Shreveport LA	R				
		KBFX-3	Bryan TX	N				
	1300	WLBT-3	Jackson MS	R				
17	1921	unID-2	south "w/news"					
25	1728	unID-3	S.W. "Bewitched"					
26	1330	KOTA-3	Rapid City SD	R	8 Tr	2300	CHLFT2-40	London Ont
	1400	KDLO-3	Watertown SD	R			CRCO3-42	Oil Springs
	1415	unID-3	"Northwest markets"				CIC018-18	London Ont
27 Tr	1815	WBGU-57	BowlingGreen OH	R	11 Es	2345	KLNB-3	Lexington NE
31 Es	0940	TV National-3	Santa Clara CUBA	R	12	0145	unID-3	west "w/J. Carson"
		"ex-CME"				1300	WPTV-5	West Palm Boh FL
	1014	unID-2	"CCI South"				WDBO-6	Orlando FL
June							WEDU-3	Tampa FL
1 Tr	0200	WVNY-7	Watertown NY	R	Tr	1915	Ft Wayne, Bowling Green	
Es	1255	KFDX-3	Wichita Falls TX	R		1930	Toledo, BattleCreek, E Lansing	

Bob Seybold Bennett Road Dunkirk, New York (EDT)-

"Just a small report (expect big one next time) to let all know I am still DXing but due to heavy work schedule and numerous activities DX has been limited (I doubt if I missed much)." (There wasn't too much to miss -bt)

May	
15 Es	"E-skip to south--Florida, Carolinas, Georgia, Alabama, channels 2-6. General lull except for occasional unIDs on channel 2 till 5-26."
26	"E-skip to Dakotas: KUSD-2 KDIX-2 KDLO-3, unIDed 4 & 5."
31	"On camping trip--noted some skip on portable TV (no outside antenna)--including Cuba on 6 and other unIDs--probably Florida."

June	
1 to	6 "Some skip in this period especially on 4th--heavy skip in AM into mid-afternoon, Texas, Arkansas, Oklahoma, Louisiana, Florida, Mississippi, Alabama, Georgia--all channels 2-6. Some seen include KETS-2 WBRZ-2 WEDU-3 KATC-3 KENS-5 KTBS-3 KTKT-5 WDSU-6 etc., Cuba."
6 Es	"Some skip in evening--Florida & other unIDs."
7	"Good opening noted at 0900 till mid afternoon--Texas, Louisiana, Oklahoma, MS and others in South--probably best opening so far..."
Tr	"Evening--CHLFT2-40 London, Ont. testing new station--# 700 for me."
10	"Good tropo opening 0600-1100: WCFL-38 Chicago IL, WBKB-11 WEYI-25 WKAR-23 WUCM-19, IN U's--South Bend & Ft Wayne, WURQ-41, Detroit U's, WPTV-18 Milwaukee, many others including Michigan & OH V's & U's."
	"Final note--Canadian U's on CN Tower greatly improved--London 18 in good much of time and 28 (CIC028) always good--Ottawa 24 rec'd often. Ottawa on 9 (CBOFT)--and CJOH-13 in a couple times lately. Hope to have more to report next month. Expect to attend 1976 Chicago WFFDA convention."

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EDT)

Month	Day	Time	Station	Notes	Day	Time	Station	Notes
May	17	Es 1920	unID-2 thru WGR-2, which was on low power auxiliary xmtr until approx. 2030; unIDs on 3 occasionally		7	Es 1510	CBWFT-3 Winnipeg Man	
	18	0003	WSB-2 Atlanta GA			1525	KGFE-2 Grand Forks ND	T
	20	2055	unID-2 south			1600	KTVS-3 Sterling CO	
	21	LS 2245	hvy thunder storms over NW PA; most eastern OH & western PA U's noted			1858	WESH-2 Daytona Beach FL	
	21	Es 2130	unID-2 CGI to west			1900	WEDU-3 Tampa FL	
	23	1820	unID-2 steady \emptyset CGI S.W.				WPBT-2 Miami FL	
	25	1733	KCKT-2 Great Bend KS			1952	WRFL-3 Columbus GA	
	27	2219	unID-2 CGI southwest			1957	KARD-3 Wichita KS	
	30	2100	unID-2 south			1959	KATC-3 Lafayette LA	
							KCKT-2 Great Bend KS	
						2000	KTIV-4 Sioux City IA	
						2013	KSNB-4 Superior NE	T
						2029	KTVG-6 Dodge City KS	
						2050	KOAA-5 Pueblo CO	T
						2059	KTCF-5 Lubbock TX	
June	1	Es 0845	unIDs on 2				KENW-3 Portales NM	T
	3	0948	ICRG-3 Santa Clara CUBA			2200	KCKT-2 Great Bend KS	
		0950	WEDU-3, WTHS-2 tentatives		GW	2303	CHLEPT-40 London Ont(120) testing w/sine square	
		1000	WPTV-5 West Palm Beach FL		9	Es 1800	unIDs 2,3 west	
	4	1429	KCEH-6 Temple TX		10	1950	unID-2 south	
		1430	KALB-5 Alexandria LA		11	2329	KMTV-3 Omaha NE	
		1500	KFDX-3 Wichita Falls TX				KLNB-3 Lexington NE	
			KTEW-2 Tulsa OK			2330	unIDs to ch 5	
		1510	KAUZ-6 Wichita Falls TX		12	1300	WEDU-3 Tampa FL	
		1559	WEAR-3 Pensacola FL				WDDB-6 Orlando FL	
		1600	WDIQ-2 Dozier AL	T		1326	WPTV-5 West Palm Beach FL	
		2030	WPBT-2 Miami FL			1400	WWAY-3 Wilmington NC	
	Tr	2330	Ft Wayne U's (345)		Tr	1830	Ft Wayne U's (345)	
	5	Es 1358	WSB-2 Atlanta GA			2210	WHQ-41 Battle Creek(310)	
		1630	WEDU-3 Tampa FL				WKAR-23 E Lansing MI(285)	
	6	1800	unIDs 2 & 3 to south				Detroit U's v strong	
		1939	WLBT-3 Jackson MS		13	0156	CHNB-4 North Bay Ont(235)	
			WCBI-4 Columbus MS	T			hvy CCI on 9 from CKNK	
		1958	WPTV-5 West Palm Beach			0548	CBFST-7 Sturgeon Falls	
			WBRC-6 Birmingham AL			0600	CKSO-5 Sudbury Ont (240)	
		2000	WEDU-3 Tampa FL		16	Es 1700	CBHT-3 Halifax NS	
		2016	WDSU-6 New Orleans LA	T		1718	KCKW-2 Moncton NB	
		2030	WCRG-5 Mobile AL				ATV nx thru local	
			WEAR-3 Pensacola FL			1719	CJCH-5 Halifax NS	
			KTBS-3 Shreveport LA			1730	CJCH6-6 Caledonia NS	
		2100	WMAB-2 State College MS			1759	WUPT-5 Gainesville FL	
		2216	skip back up to ch 6				WEDU-3 Tampa FL	
	7	1130	WLBT-3 Jackson MS			1805	WJXT-4 Jacksonville FL	T
			KALB-5 Alexandria LA			1811	WDDB-6 Orlando FL	
		1155	WMAB-2 State College MS	T		1816	WSAV-3 Savannah GA	
		1159	WRRC-3 Memphis TN			1821	WESH-2 Daytona Beach FL	
		1200	WJBF-6 Augusta GA			1829	WPTV-5 West Palm Beach FL	
		1230	KYTV-3 Springfield MO				WBRC-6 Birmingham AL	
		1258	WSB-2 Atlanta GA			1900	CJON-6 St John's Nfld	
		1259	KARD-3 Wichita KS			1955	WCIX-6 Miami FL	
		1359	KLNB-3 Lexington NE			2000	WDIQ-2 Dozier AL	
			WMT-2 Cedar Rapids IA			2030	ICRG-3 Santa Clara CUBA	T
		1406	KMTV-3 Omaha NE				WEAR-3 Pensacola FL	
		1500	KDAL-3 Duluth MN				unIDs to 2130	

Also noted in this reporting period were numerous relogs of U's under 300 miles, especially those along the Lake Erie tropo slot. WBGU-57 and the Toledo U's have been in almost daily. Such lake-effect tropo is almost always very strong—but not too exciting, since it always brings in the same old stuff. Have been using phasing system consisting of two Archer V-100's, Belden 9243 coax, and Jerrold 1592B combiner. Results have been good on local ch 2 (in fact, some skip has even buried WGR-2 without the aid of antenna phasing this season), but haven't seen much thru WBBN-4.

Jim Alexander 195 N. Beverwyck Road Apt. 10 Lake Hiawatha NJ 07034

Month	Day	Time	Station	Notes	Day	Time	Station	Notes
June	(times EDT)				4	Es 1117	WTHS-2 FL	
	1	Es 1330	KDAL-3 MN			1125	ICRG-3 CUBA	
					6	Es 2030	KYTV-3 MO	
					7	1130	KYTV-3 MO	
					8	1900	WEAR-3 FL	

WESTERN TV-DX

Dennis Park Smith
50 Manzanita Way
Paradise, California 95969
Telephone 916 877-2975
Paradise deadline: 10 July
Erid, OK deadline: 10 Aug.

July 1976

As you can see by the deadline notice, there will be a change. Next month will be this editor's last Western TV-DX column. The September column (10-Aug deadline) and future columns will be conducted by Doug Everitt, 1708 W. Maine Avenue, Erid, OK 73701. It is possible that Doug will be moving to another address, but we will inform you in that case. More details about this announcement will be given next month.

Pat Dyer had sent a report in March which should have been in the April column, but through various slip-ups along the way, it did not get published as intended, so here it is below.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228		(7 Feb - 7 Mar)	(CST)
Equipment: 1971 model 9-inch black-and-white Penncrest;		(N = new; T = tentative)	
Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor			
F2 tr	1200 WBRZ 2 LA 450	0654 WMAV 18 MS T 630	2115 WCNO-26 LA T 510
	1227 KPLC-7 LA 325	0658 WCOV-20 AL T 750	WBBH-20 FL T1040
Es	1245 WBBH-2 IL T1045	0700 WBMG-42 AL T 750	WINK-11 FL T1040
	1310 KGNB 2 ND T1240	WHMA 40 AL T 800	WXLT 40 FL T 990
	1335 f/out	WCFT 33 AL T 700	WRBT 33 LA T 450
	1535 KTCA-2 MN T1110	0713 WYEA-38 GA 830	WAPT 16 MS T 525
	(Ø to KPRC-2)	WKAB-32 AL T 750	2120 WTOG-44 FL T 985
	1610 KLNE-3 NE T 785	0728 WAAY-31 AL T 790	2155 WAFB-9 LA T 450
	1630 f/out	0735 WHIQ 25 AL T 790	13 tr 1230 WAFB-9 LA T 450
tr	2030 KERA-13 TX T 250	0743 WITQ 41 AL T 670	2110 WJTV 12 MS T 525
	WJTV 12 MS T 525	WEIQ 42 AL T 630	WAPT 16 MS T 525
	(Ø to KLSAT-) (Ø to KLRN)	WGIQ 43 AL T 785	23 tr 2228 XHAB-7 Tamp T 250
	WAFB-9 LA T 450	WAIQ 26 AL N 750	2305 KPLC-7 LA 325
	KXTX-39 TX T 250	0758 WLPB 27 LA 450	2335 WRBT 33 LA T 450
	2110 WLPB 27 LA T 450	0759 WACS-25 GA 855	WLPB 27 LA T 450
	2215 WRBT 33 LA 450	WJSP-28 GA 850	24 tr 0910 WLPB 27 LA T 450
	2223 WAPT 16 MS 525	0902 WRBT 33 LA 450	WRBT 33 LA T 450
	2235 WMAW 14 MS 620	1000: still a lot of Us in	KBMT-12 TX T 275
	WMAH 19 MS 570	1225: some scattered Us	KPLC-7 LA T 325
	WMAU 17 MS 470	still ducting in	2210 WRBT 33 LA 450
	WMAA 29 MS 525	1955 WBRZ 2 LA T 450	WLPB 27 LA T 450
	2245 XIEFB-3 NL T 275	KNOE-8 LA 440	2230 WMAU 17 MS 470
10 tr	0055 XKAS 5 TX 240	2058 WMAU 17 MS T 470	2320 WAFB-9 LA T 450
	0100 WBRZ 2 LA 450	WMAH 19 MS T 570	KBMT-12 TX T 275
	0102 WTVV 9 MS 665	2109 WCNO-26 LA T 510	WBRZ 2 LA T 450
	KATV 7 AR 515	2120 WLPB 27 LA T 450	25 tr 0245 WCNO-26 LA 510
	0105 KPLC-7 LA 325	WRBT 33 LA T 450	0810 WMAU 17 MS T 470
	0125 KTEW-2 OK 485	WJTV 12 MS T 525	WMAH 19 MS T 570
	0131 KNOE-8 LA 440	2230 WAFB-9 LA T 450	WMAW 14 MS T 620
	WFAA-8 TX 250	WDTB-13 FL N 780	WAPT 16 MS T 525
	0310 WCNO-26 LA 440	2315 WBRZ 2 LA 450	WJTV 12 MS T 525
	0648 WDHN 18 AL 795	11 tr 0030 WCNO-26 LA T 510	WLPB 27 LA T 450
	WAPT 16 MS 525	Es 1955-2000 2 unId n.w.	27 tr 2313 KPLC-7 LA T 325
	0650 WMAW 14 MS 620	12 tr 1028 WBBH-20 FL T1040	28 tr 0805 KMCC 28 TX T 340
	WMAU 17 MS 470	1035 WBRZ 2 LA T 450	KCBD-11 TX T 340
	WMAH 19 MS 570	KPLC-7 LA T 325	M1 Es 2213-20 unId 2 north
	WMAA 29 MS 525	WAFB-9 LA T 450	2312 2.
	WHTV 24 MS T 620	WINK-11 FL T1040	3 tr 0135 KRGV-5 TX 235

The Winter Es came to an abrupt end in January with only a few spotty signs of it since. The big event of the period was the Feb 9-10 ducting along with Gulf. Signals were very strong and stable for much of the event. By the time I got with it in the morning the VHF's had already s/on and were too deep to bother with. Some of the U's were 3 deep as it was. 73, WA5IYX.

Now to new business. Both tropo and Es DX have been good, though no really superb or exceptional loggings were noted. Most reporters observed generally good conditions, though some feel, from their locations, that things are a bit below par. The DXers own comments tell the story in their reports, after the Es chart for May and vicinity.

Es/aurora	eve	an	an	an	aft	eve	an	aft	eve	aft	eve	an	aft	eve	mid+	an	aft	an
Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
Date 1976	Apr 30	May 2	2	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8
Nr. reporters	2	1	1	1	1	2	4	1	2	2	1	2	2	1	1	1	1	1
MUF at least	5	2	2	5	2	2	6	2	4	3	5	897	3	4	2	6	2	2
ft	an	aft	eve	an	aft	eve	an	aft	eve	an	aft	eve	an	aft	eve	an	aft	an
Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
9	10	10	10	11	11	12	12	12	13	13	14	14	14	15	15	15	16	17
2	1	1	4	2	2	5	3	3	4	1	1	1	2	5	4	1	2	3
3	887	3	5	PM 1015	897	3	985	903	2	3	2	979	4	899	1025	2	999	21071
an	aft	eve	mid+	an	aft	eve	an	eve	an	aft	eve	an	aft	eve	mid+	an	aft	an
Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
19	19	19	20	20	20	21	21	22	22	23	23	23	24	24	24	24	24	25
1	1	4	1	2	1	1	4	2	2	4	3	3	1	1	1	1	2	1
2	5	6	4	4	3	885	897	4	5	4	4	893	4	3	2	2	4	2
aft	eve	an	aft	eve	mid+	an	eve	mid+	aft	eve	an	aft	eve	mid+	an	aft	an	an
Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
25	25	26	26	26	27	27	27	28	28	28	29	29	29	30	30	30	31	31
3	3	2	3	1	1	3	1	1	3	1	3	2	1	1	1	1	2	4
941	3	917	4	987	2	6	2	2	3	4	1079	5	4	4	2	2	4	1067
an	aft	eve	mid+	an	aft	eve	an	eve	an	aft	eve	an	aft	eve	mid+	an	aft	an
Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
Jun 1	-1	1	2	2	-2	2	3	3	4	4	4	5	5	6	6	7	7	7
6	-3	955	4	4	4	939	4	3	71	14673	1073	4	3	4	6	989	6	979

Patrick Martin, PO Box 14192, Portland, Oregon 97214 (Feb - 5 Jun) (PDT)

Receiver: 21-inch black-&-white Philco Antennas: 10-element FM yagi, homebrew 6-element high-band (7-13), homebrew multi-element UHF yagi

Here is a report, with some DX seen, in early June.

Jun 1	tr	2330	KIRO-7	Seattle WA	150 mi	CBS movie	semi-reg.
2	tr	1330	KOMO-4	Seattle WA	150 mi	ABC spot-Id	regular
		1400	KING-5	Seattle WA	150 mi	NBC Id	regular
	Es	2300	KPRY	4 Pierre SD	1100 mi	NBC news Id	s/off 2315
		2330	KMTV?	3 Omaha NE ?	1100 mi	NBC Tomorrow Show	No Id
4	tr	2335	KSTW 11	Tacoma WA	130 mi	Spot	Movie
		2359	KEZI 9	Eugene OR	100 mi	Spot	
5	tr	0016	KV AL-13	Eugene OR	100 mi	Spot	Rock Concert

I was very surprised to receive KPRY-4 Pierre. It is satellite of Ch-13 Sioux Falls and have been on air only since 2-1-76. Video was excellent for almost 1/2 hour, but no audio. I caught ID on s/off. I sent for a verie on this one. I wish I had had my camera handy at the time. The FM antenna (10-el.) works quite well on skip. Would a 4- or 5-element antenna cut for ch. 3 or 4 work any better? If so, I wonder how much. Does anyone have ideas?? That does it for this time. 73's.

Jim Pizzi, 300 Park, Orcutt, California 93454		(11 May - 7 Jun)		(PDT)	
11	Es 1700	KTWO-2 WY	1128	KO A-4 CO	
		(MUF 90.9)	1130	KWGN 2 CO	
		KNOP-2 NE		KREX-5 CO ?	
		2000 KUSD-2 SD(in alone)	1200	KTWO-2 WY	
12	Es 1200	KMID-2 TX		(Id also 1230)	
		east-3-4(KW B/K/CE)	1236	KUTV 2 UT	
		1725 east-2-3-4 TX		KTVQ 2 MT	
		1735 east-5 (KENS?)	1300	KBCI 2 ID	
		1736 KPRC-2 TX 4544N		KRTV 3 MT	
		1800 KMID-2 TX 5545		KXLF-4 MT	
		1825 KENS-5 TX		K AID 4 ID ?	
		1830 KMOL-4 TX	1306	KID -3 ID	
		1833 KAUZ?-6 (20-KSBY)	1330	K AID 4 ID	
		(MUF 90.3)		KFB-5 MT	
		1902 XHQ -3 Culican		(MUF 97.9)	
		1908 XHI #2 (Archie)	1815	t/in	
		1930-4 2,4 Canal-2net	1829	KXLY-4 WA	
		(XEFE/XHW, XHBS?)		K A U 2 OR	
		2005 f/out	1830	KREM-2 WA	
14	Es 0900	KMID-2 TX	1831	CBUT 2 BC	
				1833	KO A-4 WA
				1910	KBCI 2 ID
				1915	KGTV 10 SanDiegoCA
					KFMB-8 "
				Es 1928	KTNO-2 WY
				2000	KTVQ 2 MT
					(Id agn 2029)
				2035	KTVS 3 CO
				2059	KMID-2 TX
				2130	XEFE-2 tent.
				2155	f/out
			15	tr	an
					KFMB-8 SanDiegoCA
					KGTV 10 "
					KCST 39 "
				Es 1439,50	2 unIds
				tr 1925	KFTV 6 Tijuana
					(ch8,10all day,excellent
			16	tr	an (same,exc.again)
					1110 KMST 46 Mont.CA
					1226 KCST 39 SDiegoCA

16(tr) 1226 KPBS-15 SDiego CA	1131 KID - 3 ID	1911 KMID- 2 TX
2121 KGSC 36 4555 CA	1200 KTVM 6 MT ?(β-KSBY) 4 Es	2020 KMID- 2 TX
17 tr SDiego8,10fair, allday	1229 KSL - 5 UT	2021-31 2,4 unIds
KCST 39 inkout	1234 KDUH- 4 NE	5 tr 1144 KTVU 2 Oakl.CA
18 tr 1006 KGO - 7 OH44 CA	KUTV 2 UT	Es 1656 east- 4 unId
1540 KRON- 4 SFran CA	1300 KTW0- 2 WY	1658 KMID- 2 TX
KPIX 5 "	KXLF- 4 MT	1705 (NBC) 3 20-offset
KTVU 2 Oakl. CA	KRTV 3 MT	(Emergency)WLBT/WRCB?
Es 1955-2016 2,4 un, TX, Sp.	1330 KDIX- 2 ND	6 Es 1040-1120 2-4 e.n.e.
2129 KMID- 2 TX	1430 n.e. 2	1130 CKS A 2(Id agn1200
(f/out 2220)	28 Es 1225 east 2	1221 CFAC- 2 Alta
19 Es 1959 KDIX- 2 ND	1930 CFAC- 2 Alta	2143 KMID- 2 TX
2048 n.e. 5	2132 KMID- 2 TX	tr 2210 KQED 9 SFran.CA
KTEW 2 OK	2142 e.s.e. 2,4	2214 KBHK 44 "
2113 unId 2 (NBC)	29 Es 0855 KMID- 2 TX	KVOF-38 "
20 Es 0005 KTVQ 2 MT(s/off)	0859 KACB- 3 TX ?	KGSC 36 SJose CA
22 Es 1219 east 2-4 TX?	0929 east- 4 (KWAB?)	2220 KOVR 13 StocktonCA
1231 KTVY 4 OK	30 Es 1253 KMID- 2 TX	7 tr 0120 KSBW- 8 Sal.CA5555
1659 KTVQ 2 MT	1329 KMOL 4 TX	(no amp,tower at30')
1959 KNOP- 2 NE	1336 KWAB 4 TX	0131 KRON- 4 (CB, test)
2000 KUSD- 2 SD	1359 KACB- 3 TX ?	KPIX 5 SFran.CA
23 Es 0018 CFAC- 2 Alta	31 tr 0020 KRON- 4 SFran.CA	0139 KNTV 11 SJose 4555
(Id 0034)	Es 0859 KMID- 2 TX	Es 1753 KTW0- 2 WY
0034 CHBC- 3 BC ?	0900 KMOL 4 TX	1756 KOT A 3 SD(Id1859)
1030 unId 2 Spanish	east- 3-5 TX(?)	1815 KNOP- 2 NE(Id1828)
1134 unId 2 Sp,e.s.e.	0929 KDDB 4 TX	1816 KTVV 5 (NBC)tent.
1155 KMID- 2 TX ?	Jn2 Es 0955 KMID- 2 TX	1836 KWNB 6 NE(Id1900)
24 Es 2010 KTEW 2 OK	1028 XHCH- 2 Chih.	(u/KSBY,1stCh6EsId)
1014 KTVY 4 OK ?	1030 KDDB 4 TX	1840 KYCU 5 WY(Id1859)
27 Es 0914-58 2,4 e.n.e.	3 Es 1826 KFDX- 3 TX ?	1859 KDUH 4 NE
1030 KNOP- 2 NE	1844 KDFW 4 (Id1900)	2002 KWGN 2 CO
1100 KTVS 3 CO	1853 KXAS 5 (Id1911)	unId 3 (NBC)20kHz
1130 KTVQ 2 MT	(MUF 97.1)	(MUFthis opening 97.9)

Log total now 165. Brought tower down 5-19 to re-do a few things. Replaced CM-1110 with a Winegard 2026 low-band log and now using a 4-stack of high-band antennas. Have mounted most antennas on a horizontal crossboom, just UHF on center vertical mast.

John Anderson, Box 186, Lowe Farm, Manitoba ROG 1B0 (204 746-8887) (4 May - 2 Jun) (CDT)

Equipment: 1976 Panasonic 12" B&W, Delhi 1057 at 64 feet		
2 tr 0955 QGSD-11 SD1333N302	20 tr 2100 KQSD-11 SD1233 302	28 Es 1400 KMID- 2 TX 1233
(mistakened for KHSD SD)	KWCM 10 MN2333 290	1535 KOAI 2 AZ 1215
5 Es 2230 KID - 3 ID N800	21 tr 0900 WDIO-10 MN2333 304	29 au 1400-1500 2-4 unIds
2240 KAD 4 ID 985	1430 KDIX- 2 ND0333 296	aE 2120 KAFU 2 OR 1220
2300 KAFU 2 OR 1220	Es 2100-30 unIds 2-5 east	2130 KOMO- 4 WA 1150
KBCI 2 ID 985	2300 KETS 2 AR 1045	30 aE 0030-0120 CBX #2 Alta 840
2330 KOMO- 4 WA N1150	KARK- 4 AR 1045	tr 1100 WDIO-10 MN2334 304
14 tr 1700 KWCM-10 MN 290	2352 KPRC- 2 TX 1348	1300 KQSD-11 SD2223 302
15 Es 1110 KPRC- 2 TX N1348	22 Es 0032 KMID- 2 TX 1233	31 ms 1130 KTW0- 2 WY5555 625
1255 KJAC- 4 TX N1344	23 tr 1300 KTC A 2 MNO225 360	tr 1200 KDIX- 2 ND2333 296
WBRZ 2 LA N1337	24 au 0235 KOT A- 3 SDO303N455	Jn1 Es 2230-2300 KOB- 4 NM 1085
(all weak, steady sigs)	(s/off) 2	KNME 5 NM N1085
16 Es 1830-1900 east-2 unId	0332 KTVQ 2 MFO303N573	KWGN 2 CO 765
17 Es 1630 KTVN 2 NV N1284	ms 0455 WJEB- 2 M15555N829	XEJ - 5 ChihN1300
tr 1730 KWCM-10 MN2333 290	(3/4 CB w/Id)	XEFM- 2 Chih N1300
1905 KQSD-11 SD1333 302	0525 WLWD 2 OHA314 927	2330 KPHO- 5 AZ N1320
Es 1930-40 2-4 east unIds	0545 KTEW 2 OK2335 918	KWGN 2 CO 765
2345 unId 2 south	aE?1300 WPMY- 2 NC N1266	2 Es 0000 KOAI 2 AZ 1215
18 Es 1700-30 2-4 east unIds	1340 WUNC- 4 NC N1298	0100 KRON- 4 CA N1477
tr 1730 WDIO-10 MN1333 304	1435 WBTV 3 NC N1276	KTVU 2 CA N1477
Es 1830 KVOA- 4 AZ N1364	WUND- 2 NC T1400	0145 slowly
1840 KTVK 3 AZ N1320	1455 WLWD 2 OH 927	deteriorating
1900 KMID- 2 TX 1233	1700 WNGE 2 TN N1048	
1930 KOAI 2 AZ 1215	25 tr 0230 CKCK- 2 Sask 335	
tr 2355 WTCN-11 MN1223 360	Es 2300 KUTV 2 UT(brf)927	

Use of a 30-50-MHz radio and signal generator have been a big help, especially on weak tropo and aurora openings. KMOT-10 KXMC-13 Minot ND (200 mi), KXMB-12 KFTR-5 Bismarck ND (235), KNMT-12 Walker (200) are seen almost every day so I won't bother reporting them. Tropo so far has not been good, and no wonder, we're experiencing an unusually dry spell, with nearby Minnesota weather office reporting most extensive drought on record. The skip, however, has been good, with a June-1 session bringing in Mexico for the first time. Log now at 105. 73's.

Fred McCormack, Des Lacs, North Dakota 58733 (6 Apr - 5 Jun) (CDT)
 Heath GR-295, Winegard CW-48 (* = Fargo DX - Broadmoor 9^m B&W, rabbit ears)
Fargo DX 1030 KDBC- 4 TX4433 1155 Fargo
 M5*Es 2330 unID 2 east [MUF 99.9 ELPasotNM] 23*Es 1230 unIDs 2, 3 east coast
 9*Es 1330 unIDs 2, 3 tr 1200 KOT A- 3 SD3332 295 25*Es 1400 KTBS- 3 LA2322N990
 10*Es 1702 unID 2 Es 1625 KTVU 2 C B234 1265 26*Es 1030-1130to91.7 s.e.
 1900 WGBD 2 SC3332 1814 KVO A- 4 M4434 1200 1158 WS A- 3 WV3334N935
 WPMY- 2 NCO322 1854[MUF107.1Phoenix aee] 1203 WLMD 2 OH3333N800
Mobile DX - Valley City ND 1928 KORK- 3 NV3432 1075 1230 WO A- 4 WV4042NCO05
 15 Es 1200 WBRZ- 2 LA3333 1929 KO AI 2 M3434 1030 1430 CRGN2-2ort3335 915
 1443[MUF 102.5 to LA] 1938 KVVU 5 NV4544 1085 J1*Es 2340(MUF95.5LVegas-Hend)
Des Lacs 1949[MUF95.5LVegas-Hend] Des Lacs
 17 Es 1015 KENW- 3 NM4445 970 2037 XHBC- 3 BC3432 1295 3 tr 0950 KXGN- 5 MT2334 160
 (seen until 1230) Mobile DX - Anamoose ND Fargo
 1021 KWGN 2 CO4433 605 18 Es 1010[MUFed.FM, WV-OH, unID] 4*Es 1510 unID 3
 DX time very limited, but conditions have seemed exceptionally poor. 73.

Richard Noel Allen, Billings, Oklahoma 71430 (6 Jan - 31 May) (CST)
 Equipment: Sony KV-1212, with preamplified 11-element VHF log and 44-element UHF log serials, above 25 feet. Sony TV115, with built-in vertical rod aerial. (New mode)
 May 10 Es 1820 unID 3 (CBS) 1300 WB A- 2 WI 720 21 Es 2010 CRGN- 2 Ont 1170
 11 Es MUF: apx 67 MHz CKCO- 2 Ont 1020 2058 unID 2 Ont
 1810 XEW - 2 DF 1170 1328 unID 4 (CBC) 22 Es 1923 KTVU 2 CA 1340
 1835 XEZ - 3 Qro 1100 16 Es 1831 unID 2 (CBS) 1948 KGRA- 3 CA 1315
 12 Es MUF: apx 67 MHz 17 Es 1705 KBCI- 2 ID 1100 23 Es 1238 unID 2 Mexico
 1650 XEW - 2 DF 1170 18 Es 1725 KBCI- 2 ID 1100 29 Es MUF: apx 91.3 MHz
 f/out 1900 1824 KTVQ 2 MT 860 1030 unID 2, 3, 4, 5 Mex.
 1725 XEZ - 3 Qro 1100 19 Es 1800 XHIA- 2 Coah tune-out 1111
 15 Es MUF: apx 98 MHz 2011 KTVU 2 CA 1340 31 Es 0857 WPBT 2 FL 1250
 0900 WM A- 2 MD 1160 2012 KGRA- 3 CA 1315 0858 WESH- 2 FL 1075
 0930 KDK A- 2 PA 980 2021 KTVN 2 NV 1000 WTHS 2 FL 1250
 1100 WLMD 2 OH 800 2058 unID 4 Mexico 1058 unID 3 Mexico
 WKYC- 3 CH 930 tr 2108 K A S- 7 KS 200 - - - ETVpgms, t/out 1300
 1158 WBEH- 4 NY 1080 Es 2118 unids 2, 3, 4, 5, 6 (Ops, overlooked this:)
 1220 CKVR- 3 Ont 1070 Mexico (19 Es) 2012 XHBC- 3 BCN 1060

Not much time for serious DX-ing the past few months. I hope to bust the 300 stations-logged mark this season. Totals to date (6-2-76): 294 stations (Es 123, MS 30, UHF 71) from 40 states, 10 estados, 4 provinces. KOKH-25 Oklahoma City is off the air until September. Of course, WKY-4 OKCity became KTVY 4 during January. Good luck and mucho DX

Doug Everitt, 1708 West Maine Avenue, Enid, Oklahoma 73701 (27 Apr - 22 May) (CDT)
 Equipment: Sony KV-1203 Color; Winegard K-10-26 yaegi @ 30', Winegard K-10-713 yaegi @ 40', Finco P-7 dish w/preamplifier @ 35'.
 30 Es 1855 WPBT 2 FL Miami (1290) Mary Hartman, minus commercials!
 5 tr 0141 KDFW 4 TX Dallas (260) Eyewitness News
 Es 1020 UnIDs 2-6 Northeast; Lots of garbage...
 1030 KYW 3 PA Philadelphia (1250) Hollywood Squares
 1041 WPSX? 3 PA Clearfield (1050) German...language lesson?
 1100 WGR 2 NY Buffalo (1120) ID
 1100 WSYR 3 NY Syracuse (1240) ID
 1100 WBEH 4 NY Buffalo (1120) ID
 1119 UnID 4 Strong 10 CCI WBEH; To Tell The Truth
 1127 CKVR 3 ON Barrie (1040) Leave it to Beaver
 1130 CBLT 5 ON Toronto (1080) CBC ID at 1129
 1133 CBMT 6 PQ Montreal (1420) Local News; strong 10 CCI
 1142 CRGN2-2 ON Bancroft (1200) Global News
 1202 CKCO2-2 ON Wiarton (1050) Match Game; f/out 1300

7	Es	0930	UnID	2	Mexico; Canal 2 net; f/out 1000
		1023	UnIDs	2-6	East-Northeast; f/out before IDs, drat!
10	Es	1959	KDKA	2	PA Pittsburgh (1020) All in the Family at 2000
11	Es	1035-1300		2	Mexico 2-6 and FM, vy. stable.
		1228	XEW	2	DF Mexico Operacion Convivencia
		2017-2320		2	Mexico 2-5, vy. stable again.
12	Es	1025	XEW	2	DF Mexico Another stable opening.
		1400	KNXT	2	CA Los Angeles (1150) Noontime News
		1407	KEYT	3	CA Santa Barbera (1300) No fade, like local
		1800	UnID	3	Mexico; 'Canal 3' ID card, no audio; on for sev. min.
		1838	UnID	4	Mexico; I think on Canal 8 net; CCI KTVY
		1858	XHJMA	3	Chih. Jarral Very clear ID, like local
		1956	XEW	2	DF Mexico ID; this is getting repetitive...
15	Es	0904	UnID	2	East; Sesame Street
		0922	WRC	4	DC Washington (1170) Ø CCI KTVY
		1021	WTTG	5	DC Washington (1170) Carpet Ad; Area FMs in well
		1030	WTAE	4	PA Pittsburgh (1020) Only in for a moment
		1430	CKCO2-2	2	ON Wiarnton (1050) f/out 1500
17	Es	0959	WPBT	2	FL Miami (1290) Changeover to WTHS
		1000	WTHS	2	FL Miami (1290) Sign on
		1155	WESH	2	FL Daytona Beach (1100) Heavy CCI
		1205	WEDU	3	FL Tampa (1080) 'In school teaching service'
18	tr	0845	KTVJ	16	MO Joplin (220) Capt. Kangaroo
		0850	KMTC	27	MO Springfield (270) Good Morning America
19	Es	2034	KTVU	2	CA San Francisco (1340) Star Trek; like local
		2042	KCRA	3	CA Sacramento (1300) Local news
		2049	KRON	4	CA San Francisco (1340) NBC Nightly News
		2055	KVIE	6	CA Sacramento (1300) Fund Drive
		2220	UnIDs	2-6	Mexico; CA still in; still in at 2345 hit-hay-time...
20	Es	0810	UnID	2	Mexico; f/out 0825
	tr	1130	KAYS	7	KS Hays (190) In fulltime w/ new yagi.
		1422	KTSB	27	KS Topeka (220) Moderate QSB; in all day.
21	GW	1025	KTVY	4	OK OKC suffering heavy CCI from KDFW-4 Dallas TX
		1025	KOCO	5	OK OKC suffering moderate CCI KXAS-5 TX
	Es	1718	UnID	2	Mexico; Plaza Sesamo; f/out 1730
		2210	UnID	2	Canada; CBC News; CJIC?
		2213	WBAY	2	WI Green Bay (760) Local news f/out 2230.
22	MS	0100	UnIDs	2	Many strong bursts, esp. east. NBC & CBS seen.

It is with deep regret that I announce the passing away of one of my old friends, the Sony KV-9000U. The set's UHF had blown several weeks ago, and finally, last week, the whole thing went. This led to my using the Quasar B&W set until I could buy another Sony, namely the KV-1203. I'm really impressed with the new set's sensitivity and selectivity. Combined with the recently-installed low- and high-band yagis, it seems to do better than any other set I've used at pulling through the weaker tropo stations. The UHF seems especially good, as KTSB-27 Topeka is in fulltime now at 220 miles.

I think the one thing I like best about the new yagis as compared to the old VU-160 is the much-improved directivity, especially on high-band. I had some difficulties during installation, switching the leads from the two rotators. You suspect something is wrong when one rotator takes 30 seconds to rotate 5 degrees and the other is going around like a helicopter, hi. Luckily, no damage was done, and the leads were routed back where they belonged.

I haven't seen much tropo since late March. Where is my warm weather tropo? At least Es is off to a good start as of this report, even if I do seem to see too much of Mexico and Florida, hi.

I've had good response to my notice concerning the 'for-sale' status of my antennas. Robert Williams is considering buying the UHF log, and Harry Hayes is buying the ch-9 yagi, in hope of giving WOR-9 a boost at his QTH. If anyone would be interested in exchanging area TV Guides or station ID/TP pix and information, let me know. Since buying the larger set, I can now get much larger screen area in the print, making details more readable. If anyone needs anything in the Winegard line of antennas and M/C ATV accessories, let me know, as I can now order direct. I may be able to get Channel Master equipment cheaper soon, too.

Well, that's pretty much it for this time. I hope everybody is having a good summer and good cxi! Top of DX to all!

[Later note of 5 June:] Since my report of two weeks ago, we've had good tropo—good strength if not spectacular distance. Houston 11,13,26,39 at nice levels on 28th nite, and Topeka 27 & Baton Rouge 33 this nite. KHNE-19 has been strong—higher power??

Bob Cooper, Jr., Rt 5 Box 782, Guthrie, Oklahoma 73044 (6 May - 4 Jun) (CDT)

May Es here was a disappointment as far as MUF was concerned; at least for those openings I caught. Es activity also seemed to be concentrating in mid-day portion without the expected bulge around late afternoon and early evening. Not a typical year so far. Tropo also down from previous years here.

May 7 tr tune-in 0405 (don't ask me why I was up then...) KPLR-11 KDNL-30 MO on, doing apparent freq. check (450 mi).

May 10 Es t/in 1750, thru channel 3, 1900 WSYR-3 NY.

May 11 tr 0815 KPMJ-17 MO; Es t/in 1950 ch 2-3.

May 12 tr t/in 0705 KEDT-16 KVUE 24 KTVV 36 TX; Es t/in ch 2-3, at 1815 moving to ch 6, 1823 XHBC-3 BCN, 1900 XHFA-2.

May 13 tr t/in 0815 KHIN-36 IA KTVV 36 KIDZ-24 KVUE 24 KNCT 46 TX; Es t/in 1248 CKCK-2 Sask.

May 15 Es t/in 0905 ch 2-3, 0930 WWX-3 NC, 0930-0945 ch 4, 0955 KDK A-2 PA... open at 1300 check.

May 17 Es t/in 1830 KBCI-2 ID, t/in 2021 KLEW-3 ID.

May 18 Es t/in 1805, ch 2. [Out of town until 22nd.]

May 22 tr t/in 0955 WPT-16 MS KLA-14 LA; Es t/in 1355, Es t/in 2145.

May 23 Es t/in 1730 ch 2 east.

May 24 Es 2102-2200 auroral-Es ch 2 in and out.

May 25 Es t/in 1126 ch 2-3 s.e., 1216 WSB-2 GA, 1300 WNGE-2 TN, 1330 WSAZ-3 WV, 1400 CKVR-3 Ont, 1429 CKPR-2 Ont; Es again 1831-1845, 2100-2115, both north and n.e.

May 26 Es t/in 1330 ch 2 s.w. to 1345.

May 27 Es t/in 1120 ch 2, 1155 KUTV 2 UT.

May 28 tr t/in 0817 KHNE-29 NE KPMJ-17 MO KTVV 36 KIDZ-24 KVUE 24 TX, t/in 2100 KEDT-16 KVUE 24 KIDZ-24 KTVV 36 KHTV 39 KDOG 26 KAU-15 all TX, 2235 K18AA Salina KS

KYNE-26 KHNE-29 NE KHIN-32 KHIN-36 IA KMEG-14 IA, t/in 2335 KLA-14 LA WPT-16 MS WRBT-33 WGNO-26 LA.

May 29 tr t/in 0130 KPLC-7 LA KETV 7 NE KTRK-13 KHOU-11 TX, t/in 0515 WSM-4 TN WTVV 9 WJTV 12 MS KNOE-8 LA KTRK-13 KHOU-11 TX, 0613 KJAC-4 TX (stn #654), WPT-16 MS KLA-14 LA; Es t/in 1220 ch 2-3 thru afternoon, some Spanish.

May 31 Es t/in 1000 WTHS-2 FL, 1030 IGR-3 Cuba. IGR-3 in very stable past 1500 here, all alone mostly. Es t/in 1820 ch 3 west.

June 1 Es t/in 1850 Ch 2.

June 2 Es 2125 ch 2 to 2150.

June 3 tr t/in 0835 KPMJ-17 MO KHIN-36 IA KIDZ-24 KVUE 24 KDOG 26 KHTV 39 KNCT-46 all TX, WPT-16 MS; Es 2002 XHFA-2.

June 4 tr t/in 0910 WPT-16 MS KNCT-46 KTVV 36 KIDZ-24 KVUE 24 all TX; Es t/in 1105 WPM-2 WBTV 3 NC, MUF to ch 6 by 1140, 1155 WHIS-6 WV (stn #655) WTVR 6 VA, 1230 WWX-3 NC. At this point, MUF past 107.9 MHz, and reached 146.73 MHz at 1315 CDT to PA from here. 1400 WFSX-3 PA. Stayed open with 2-3 MUF through balance of afternoon until around 2100, generally southeast from here (i.e., WEDU-3 FL at 1930). 73.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (7 May - 7 Jun) (CST)

Equipment: 1976 model black-and-white 9-inch solid-state Penncrest;

Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor

7 Es	1415 unId	2,3	ms 1459:15 KUSD-2 SD	920	1343 KWGN	2 CO	810
	2115 unId	2 spotty	Es 1535-55 unIds	2,3	1459 KSBY	6 CA	1335
	2143 KWGN	2 CO	T 810		1535 f/out		
	2144 KCKT	2 KS	615	1729 WSB-	2 GA	880	1620 KNBC- 4 CA
	2154 unId	4		1747 unId	4		1659 KNCT 2 CA
	2157 KNOP-	2 NE	815	1805 f/out			1800 WPBT 2 FL
	2210 KTVQ	2 MT	1245	2115 KTVK	3 AZ	T 835	1808 WTVJ 4 FL
	2220 XHY-	3 Yuc	820	2120 KPHO-	5 AZ	T 835	1915 unIds 2-4
	2227 KTMO-	2 WY	1015	2150 f/out			2025 KOA - 4 CO
8 Es	0142-6 KNKT	2 CA	T1190	2310 unId	2 Mex?	brief	2045 KSL - 5 UT
	1012 KTVK	3 AZ	T 835	2345 unId	2 n.e.,	brief	2103 KAD 4 ID
	1205 KNKT	2 CA	T1190	11 Es 0929	KEYT	3 CA	1270
	1213 XETV	6 BCN	T1110		KNBC	4 CA	T1190
	1020 KUTV	2 UT	T1080		0959 KNKT	2 CA	1190
9 Es	0930 unIds	2mix	wheteors		1105 KOAI	2 AZ	T 855
	ms 0959:45	WDIQ 2 AL	730		1135 f/out		
	Es 1046	WJKB-	2 MI	T1225	1210 unId	2	
	1055 WITI-	6 WI	T1100		1240 KPHO-	5 AZ	T 835
	1101 WBX-	2 WI	1190		1259 KORK-	3 NV	1050
	1125 f/out	(1102MUF88.7)			1301 KOAI	2 AZ	855
							12 tr 0027 KPLC- 7 LA
							325
							Es 0910 unId 2 Spanish
							(tropin; Es MUF hard to find)
							Es 1035 XHP - 3 Puebla at 735
							1105 f/out

(12)Es	1135	2,4,5 LA,CA	T1190	1329	WBAY- 2 WI	1190	1313	WKZO- 3MI(tigbb)	1140
		XETV 6 BCN	T1100	1334	WJMN- 3 MI	1280	1343	WISC- 3 WI	1065
	1143:	MUF to 98.5		1355	f/out			WMT - 2 IA	945
	1159	KORK- 3 NV	1050	1810	unIds 2			WBAY- 2 WI	1190
	1305	KSBY- 6 CA	T1335	1855	KID - 3 ID	T1215	1355:	MUF 89.3	
	1410	KUSD- 2 SD	920		KUTV 2 UT	1080	1630	unIds 2-4	
	1415	KORN- 5 SD	T1055	1900	KCPX- 4 UT	T1080	1635	WBAY- 2	1190
	1423	KDLO- 3 SD	1070	2059	KOAI 2 AZ	855	1658	WISC- 3	1065
	1429	KMTV 3 NE	830	2200	KWGN 2 CO	810	1800	f/out	
	1430	KTWO- 2 WY	1015		KYCU 5 WY	T 875	1945-2125	2-4 unIds	
	1455	f/out			4,5 CO	T	tr 2140	XHX -10 NL	T 275
	1535	unId 2,3 Spanish		2002	KTWO- 2 WY	1015	2315	XET - 6 NL	T 275
	1629	KUTV 2 UT	1080	2030	KRM A- 6 CO	T 810		XHPW- 9 Tamp	T 505
	1632	4,5 UT	T1080	2259	KNOP- 2 NE	815		XH AH- 5 Cz	T 700
	1715	XHTV 4 DF	T 690	2303	KTVS 3 CO	815		unId 2	
	1729	KTVK 3 AZ	835	2001	KWGN 2 CO	810	24 tr 0005	XSPB- 3 NL	275
	1737	KORK- 3 NV	1050	tr 0018	KDFW 4 TX	250	Es 0010	XH AH-12 NL	T 275
	1750	KOAI 2 AZ	855	Es 0025	unId 4		Es 1005	unId 2	
		KPHO- 5 AZ	T 835	0030	f/out		1330-35	unId 2 west	
	1810	unId 6		0155-8	KUTV 2 UT	1080	2102	KORK- 3 NV	1050
	1815	KNXT 2 CA	1190	0225	KUTV 2 UT	1080	2120	KNBC 4 CA	T1190
	1855	XETV 6 BCN	T1100	0825	KTVQ 2 MT	1245	2129	KNXT 2 CA	1190
	2003	XHP A 2 Son	T 740	0827	KXLF- 4 MT	T1365	2205	KTWU 2 CA	T1460
	2030	apx f/out		0929	WMT - 2 IA	945	2303-10	KNXT 2 CA	T1190
13 Es	1920	KID - 3 ID	T1215	1028	KMTV 3 NE	830	Es 0310	unId 2	
14 ms	0002:40	WSB-2 GA	880		KNOP- 2 NE	815	tr 0829	KMID- 2 TX	275
Es	0945-1000	2 unId		1033	unId 4		0859	KOS A- 7 TX	280
Es	2200-25	2-4 unIds		1059	KTWO- 2 WY	1015	Es 0929	WTHS- 2 FL	1150
	2225	KTVU 2 CA	T1460	1228	KUTV 2 UT	1080	0935	WTVJ 4 FL	T1150
15 Es	0915	unId 2		1510	unId 3		0955	WSJK- 2 TN	1010
	0930	CKPR- 2 Ont	1400	21 Es 0740	WSB - 2 GA	880	1001	KDK A- 2 PA	1280
	0959	KTC A- 2 MN	1110	0759	WPBT 2 FL	1150	1005	WOAY- 4 WV	T1150
	0959	KTC A- 2 MN	1250	0802	WTVJ 4 FL	T1150	1102	WLM-D 2 OH	1075
	1015	WCCO- 4 MN	T1110	0819	WCIX 6 FL	1150	1118	WMT - 2 IA	945
	1100	WFRV- 5 WI	T1190	0830	(ICR) 6 Cuba		1125	WWJ - 4 MI	T1225
	1119:	MUF 89.9		0840	WEDU 3 FL	985	1128	WJKB- 2 MI	1225
	1300	KTC A- 2 MN	1250	0842:	MUF 88.5		1129	WBHM- 2 IL	1045
	1315	f/out		0859	WESH- 2 FL	1055	1145	unIds 2-6	
	1940-55	2 unIds		1120	WDBO- 6 FL	T1035	1243:	MUF 94.1	
tr	2300	3,6,10 Mont NL	T 275	1200	f/out		1259	KD A- 3 MN	1250
	4,9	Tamp	T 505	1600	unIds 2 Spanish		1315	f/out	
16 tr	0835	WRBT 33 LA	T 450	1655	2-4		1345	unIds 2	
17 Es	0935-50	2 unId		tr 1810	XET - 6 NL	T 275	2105-30	2,3 unIds	
	1028	WAVE- 3 KY	T 945	Es 1835	unIds 2-4 continue		2129	KTVI 2 MO	T 790
	1029	WPMY- 2 NC	1175	2025	4,5 DF MexT690		Es 0850	unId 2 tp,brief	
	1035	WUNC- 4 NC	T1210	2037:	MUF 89.7		0930-1100	2 unIds,sppty	
	1109:	MUF 95.5		2210	f/out		1100	KDIX- 2 MD	1225
	1229	WMT- 2 IA	945	22 Es 0940	unId 2 brief		1210	unIds 2	
	1259	KTC A- 2 MN	1110	1229-1340	2 unIds		1229	KOAI 2 AZ	855
	1307	WCCO- 4 MN	T1110	1456	KNBC 4 CA	T1190	1255	KO A- 4 CO	T 810
	1330	f/out		1459	KNXT 2 CA	1190	1258	KYCU- 5 WY	T 875
	2347	unIds 2,3 brief			KRYT 3 CA	1270	1310	KWGN 2 CO	810
18 Es	1620-1740	2,3 unIds		1500	KTLA 5 CA	T1190	1329	KTWO- 2 WY	1015
	1748	WTWO 2 IN	935	1537	KVVU 5 NV	T1040	1350	f/out	
	1754	WESH- 2 FL	1055	1556	KORK 3 NV	1050	1830	unIds 2	
	1759	WPMY- 2 NC	1175		KOAI 2 AZ	855	2020	unIds 2-4	
	1822	WCBD 2 SC	T1120	1658	WUND- 2 NC	1150	2210	KRM A- 6 CO	T 810
	1959	KTWO- 2 WY	1015	1704	WOAY- 4 WV	T1150	2234	KWGN 2 CO	810
	2020	KWGN 2 CO	810	1800	apx f/out		2235	KOA - 4 CO	T 810
		KO A- 4 CO	T 810	1920	XHY - 3 Yuc	820	2248:	MUF 98.7	
	2030	f/out		2115	XHTV 4 DF	T 690	2300	2, 4 UT	T1080
	2240-45	west 2 unIds		2155	f/out		2355	f/out	
19 Es	0859-0920	KGFE 2 ND	1240	tr 2340	XHPW- 9 Tamp	T 505	27 Es 0020-35	unIds2 wspoty	
	1020	unId 2 brief		23 Es 0910-1045	2-4 unIds		0945	WCBD 2 SC	T1120
	1125	WLM-D 2 OH	1075	1129	KDIX- 2 ND	1225		WSAY- 3 GA	T1050
	1155	f/out		1145	KWGN 2 CO	810	1010	KDK A- 2 PA	1280
	1300	unIds 2,3		1159	KTWO- 2 WY	1015	1020	WTAY- 4 PA	T1280
	1315	WFRV- 5 WI	T1190	1312	WTWO 2 IN	935	1120	f/out	

(27)Es	2040-5 unIds 2 spotty (2100-30 lots of ms)	1359 WPBT 2 FL 1150	1559 KUTV 2 UT 1080
28 tr	0005 KXAS- 5 TX 240	1440 KCPX- 4 UT T1080	1631 KCPX- 4 UT T1080
	0018 KCBH-11 TX 340	1459 WEDU 3 FL 985	1740 KTWO- 2 WY 1015
Es	0020-35 unIds 2	1544 WESH- 2 FL 1055	1755 apx f/out
	1232 unId 2	1630 KUTV 2 UT 1080	1830 unIds 2 n.e,brief
	1333-1345 unId 2	1636 KORK- 3 NV 1050	2 Es 0835 unId 2 brief
	1433 unId 2	1728 KOAL 2 AZ 855	0935 unIds 2 brief
	1459 CKPR- 2 Ont 1400	1754 KTLA 5 CA T1190	1100 unIds 2,3 south
	1528 KGLO- 3 IA 985	KVVU 5 NV T1040	1202 YSR - 2 ELSal.1200
	1529 KTC A- 2 MN 1110	1855 KPHO- 5 AZ T 835	1215 f/out
	1630 f/out	1859 KOAL 2 AZ 855	ms 1559 KTVI 2 T 790
tr	1930 3,6,10 NL MexT 275	2010 XH AQ- 5 BCN T1010	1721:40 WB AX-2 WI 1190
	2129 KOS A- 7 TX 280	2040 KTVK 3 AZ T 835	Es 1950 KOAL 2 AZ T 855
	2120 KMOM- 9 TX 295	2120 apx f/out	KORK- 3 NV T1050
	2325 KMID- 2 TX 275	J1 Es 0920 unIds 2,3	2000 KVVU 5 NV T1040
29 tr	0004 KTXS-12 TX 230	0929 WTHS- 2 FL 1150	XHTV 6 BCN T1100
	0006 KCBH-11 TX 340	1002 Cuba 3	2005: MUF 94.1
	0039 KMGC 28 TX 340	1100 KD AL- 3 MN 1250	2050 Span. 2 s.ors.e,brf
	0045 KLBK-13 TX 340	KDIX- 2 ND 1225	4 Es 0940 CKCO- 2 Ont 1410
Es	0740 unIds 2-4	1126, 7: 4,6 Denver T 835	1029 WKYC- 3 OH 1250
	0754 KNXT 2 CA (scn)1190	1129 KTWO- 2 WY 1015	1035 WWJ - 4 MI T1225
	4,5 L. A.C.A T1190	1133 KWGN 2 CO 835	1238: MUF 107.3
	KVVU 5 NV T1040	1150 KCPX- 4 UT T1080	1510 XHBS- 4 Sin T 700
0849: MUF 107.9		1159 KUTV 2 UT 1080	KTVK 3 AZ T 835
1025 KPHO- 5 AZ T 835		1207 WMT - 2 IA 945	1525-40 FL 2-4's T
0959 KOAL 2 AZ 855		1229 WB AX- 2 WI 1190	1552 KBWH 6 Son T 765
1029 KORK- 3 NV 1050		WISC- 3 WI 1065	1559 KNXT 2 CA 1190
1055 KTVK 3 AZ 835		1328 WBEM- 2 IL 1045	1606 4, 5 L.A.C.A T1190
1212 KUTV 2 UT 1080		1345 KTC A- 2 MN 1110	1740 KVO A- 4 AZ T 750
4, 5 UT T1080		1455 f/out	1810 WDTV 5 WV T1220
1230 KID - 3 ID T1215		1830 unId 2 n.e,brief	1945 WO AX- 4 WV T1150
1359 KQTV 2 MO 750		1935 KTC A- 2 MN 1110	2000 apx f/out
1430 KUSD- 2 SD 920		1940 WCGO- 4 MN T1110	2 Es 0800-15 unIds 2,3
1459 KTVQ 2 MT 1245		2059 WB AX- 2 WI 1190	1215 KOAL 2 AZ T 855
1547 WPTV 5 FL T1150		2108 WMT - 2 IA 945	1225 KORK- 3 NV T1050
1559 WPBT 2 FL 1150		2129 WBEM- 2 IL 1045	1229 KNBC 4 CA T1190
1638 WEDU 3 FL T 985		2215 KDIX- 2 ND 1225	1239 XHP - 3 Pue T 735
1710 f/out		2230 f/out	1312 XHTV 4 DF 690
tr 1930 KPLC- 7 LA T 325		2250 north, brief	(tp over local)
1959 KFDM- 6 TX 275	2 Es	0829 WESH- 2 FL 1055	1320 XHGC- 5 DF T 690
30 tr 0625 KCBH-11 TX 340		0905 WS AX- 3 GA T1050	1428 unId 2 eastUS ed
		0925 unIds 2-4	1442 XEW - 2 DF(tp) 690
		0929 WGLG- 3 IA 985	1332: MUF to 106.5
Es 1100 WPBT 2 FL 1150		WLV-D 2 OH 1075	1530 f/out
		1000 WCIV 4 SC T1120	1615 unId 2
ms 1350:40 KTC A-2 MN 1110		1029 WW AX 3 NC 1250	ms 1625 KENW 3 NM T 430
Es 1350 KNXT 2 CA T1190		1101 WSB - 2 GA 880	Es 1630 unId 2,3 Spanish
1425 apx f/out		1129 WCBD 2 SC 1120	1745 unId 2 still south
tr 2345 3,6,10 NL MexT 275		WJXT 4 FL T1015	1815 apx f/out
31 tr 0010 unId 9 Spanish		WTVJ 4 FL T1150	6 Es 0855 unIds 2,3
Es 0930 unIds 2-6		1159 KUTV 2 UT 1080	0901 WMT - 2 IA 945
0945+ many FL 2-6 T		1237: MUF 93.9	0915,18:2,4 L. A.C.A T1190
0959 WESH- 2 FL 1055		1359 KTWO- 2 WY 1015	unId 6
1033: MUF to 106.7		1354 WEDU 3 FL T 985	1005 KNXT 2 CA 1190
1140 Cuba 3 (in apx 3hrs)		1415,20: 2,4 CO T 810	1035 apx f/out
1150 WEDU 3 FL T 985		1434 WPBT 2 FL 1150	1450 unIds 2
1152 Cuba 6		1502 WESH- 2 FL 1055	1503 KTC A- 2MN (act.)1110
WE AX- 3 FL T 685		1503 Cuba 3	1532 4,5 Minn.MN T1110
1316,25, 2, 4 SC T1120		1529 KOAL 2 AZ 855	1716: MUF 98.9

In spite of all this Es, the season was a bit slow in getting under way. MUF's were not getting as high as the past several Mays were. On openings out to the west I believe I've been getting a lot of weird-looking CCI from translator stations on Ch 2-4. 50-MHz evenings of Jun 4 & 6 had 2Es to WI area but TV so jammed full couldn't find any there.73 (Space ran out for remainder of Pat's 6-7-Jun DX so will include next time.)

(In spite of first-page heading, tropo did seem to be quite scarce all around, but most likely has picked up here and there by the time this is read. dps)

Best of DX to all Dennis

CENTRAL TV-DX

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

Deadline: 12th

The Summer E-Skip season is now about half over and so far it has been much below normal. The openings that there were, were short in duration and weak in intensity for the most part. Trops have been next to non-existent also. I hope next month is better.

Bob Louma: 38540 Five Mile, Livonia, Mi. 48154 EDT

5-27 Tr 0540	CBHT-5 Toronto (220)	6-8 Tr 0702	WFTV-9 Cadillac(165)
5-31 Tr 0702	WSTV-9 Steubenville(200)	0703	WICU-12 Erie(170)
0703	WCPO-9 Cincinnati(220)	0730	CICA-19 Toronto(220)
0704	WGN-9 Chicago(220)	0731	CBFLT-25 " "
0705	WFTV-9 Cadillac(165)	0732	CBFLT-240 London(120)
6-1 Es 1400	Unid-3; SW, CBS	0733	CICO-28 Kitchener(170)
6-2 Tr 2300	WCFC-38 Chicago(220)	6-9 Tr 0840	WCET-48 Cincinnati(220)
	(ex-WCFL)		WHMB-40 Indianapolis(220)
6-6 Es 2030	WCBD-2 Charleston T	0842	Ft. Wayne U's(120)
	WESH-2 Daytona Beach T	0844	S. Bend U's(150)
	WSB-2 Atlanta T	0855	WOSU-34 Columbus(165)
6-7 Es 2130	KFDX-3 Wichita Falls(1000)		WXIX-19 Cincinnati(220)
	2200 KENS-5 San Antonio(1220)		WHIZ-18 Zanesville(180)
6-8 Tr 0700	WSTV-9 Steubenville(200)		WMUL-33 Huntington(275)
	0701 WGN-9 Chicago(220)		WGSF-31 Newark, O.(165)

"The F.E.T. preamp continues to amaze me, particularly at the high band; makes snow buried signals readable. Signal to noise ratio seems to be improved 4 or 5 db. On the low band, noise isn't reduced as much, but the added gain helps on weak Ms & Trope." Log total: 291

Don Ryland: 4448 68th Place, Kenosha, Wi. 53140 CDT

5-13 Tr 0600	WAKR-23 Akron(340)	5-22 Tr 0557	WKYT-27 Lexington(360)
5-15 Es 0930	WWL-4 New Orleans(890)	0600	WXIX-19 Cincinnati(300)
	KPRC-2 Houston(980)	0630	WLKY-32 Louisville(330)
1000	WEDU-3 Tampa(1070)		WDRB-41 " "
	WEAR-3 Pensacola(850)	5-23 Es 1700	KATC-3 Lafayette(900)
1100	KTBS-3 Shreveport(780)	1728	KJAC-4 Port Arthur(940)
1132	KENW-3 Portales(1010)	1745	KPRC-2 Houston(980)
1200	KMID-2 Midland(1070)	1759	KBTX-3 Bryan(930)
	KDEC-4 El Paso(1250)	6-2 Tr 0645	WFMJ-21 Youngstown(380)
1230	KXAS-5 Ft. Worth(850)		WYTV-33 " "
1330	KWAB-4 Big Spring(1030)		WLKY-32 Louisville(330)
1432	KAMR-4 Amarillo(900)		WLEX-18 Lexington(360)
	KFDX-3 Wichita Falls(830)	0700	WJET-24 Erie(400)
5-21 Es 2302	KRTV-3 Great Falls(1180)		WSEE-35 " "
	KTVQ-2 Billings(1040)		WAKR-23 Akron(340)
5-22 Tr 0500	WJW-8 Cleveland(330)		WOSU-34 Columbus(320)
	WCPO-9 Cincinnati(300)	6-4 Es 1200	KATC-3 Lafayette(900)
	WENS-10 Columbus(320)		KBTX-3 Bryan(930)
0530	WLWT-5 Cincinnati(300)	6-5 Tr 0635	WJET-24 Erie(400)
	WKRC-12 " "	6-6 Es 1730	KENS-5 San Antonio(1090)
	WLEX-18 Lexington(360)		KFDX-3 Wichita Falls(830)
Ms 0532	WCIV-4 Charleston(810)		1800 KIII-3 Corpus Christi(1160)
Tr 0540	WEWS-5 Cleveland(330)		2000 KENW-3 Portales(1010)
0550	WHAS-11 Louisville(330)		XEJ-5 Ciudad Juarez T

Log Total: 410

Michael Hogan: 4811 Euclid Ave, E. Chicago, In. 46312

"Finally, it looks like I have some DX to report to the club. With the lack of Es or at least until today June 6, Tv Dxing conditions have been very, very poor. Within the last month all the South Bend U's have been visible 2 out of every 3 days but nothing on the VHF channels. Today on June 6 E-Skip was very evident on channels 2,3&4. At 6:45 P.M. I was receiving tennis lessons on ch. 4. This reception did not match any of the network programs, so I thus have an unided station for all of you to work on for me. Hopefully E-Skip is here with us to stay. Good Dxing to all."

Frank Wheeler: 6589 Wattsburg Rd., Erie, Pa. 16509 EDT

5-4 Tr 2000 CICO-28 Ont. 5555(103) 5-26 Es 1312 KPRY-4 Pierre, S.D. 4422
 5-5 Es 1319 KNOP-2 Ne. 4433(1066) (satellite of KSFY-13 Sioux Falls)
 1330 KWGN-2 Co. " (1292)
 5-26 1258 KOTA-3 S.D. " (1169) 1330 KDLO-3 S.D. 4422(846)
 Log total: 260 received, 210 verified 1400 KDIX-2 N.D. " (1169)

Rick Glasgow: Box 16, Ackerman, Ms. 39735

"Well, I'm one of those 'quiet' members who decided to write something. I am 18 and I have Tv-Dxed off and on for about 3 years, but, as you know, never found time to report what little I had. But now as my interest grows more and more I am about to put together a little equipment to dx from. I have acquired 2 tv sets, a Hitachi color P-04 and a b&w P-03 portable, a 7 ft. C-M parabolic for UHF and a C-M 1110 for VHF. I also plan to put on a couple of boosters. The antennas will be at 40 ft.

In the past I have received YSR, XEW, KTVQ, KTWO, CFCL as some of my better catches. I hope to start reporting regularly. (will be looking forward to receiving your reports--wd) Now with Dx & info on locals and semi-locals."

Locals received here are below:

WJTV-12 Jackson, Ms.	WCBI-4 Columbus, Ms.
WLBT-3 " "	WTOK-11 Meridian, Ms.
WAPT-16 " "	WMAW-14 " "
WABG-6 Greenwood, Ms.	WTWV-9 Tupelo, Ms.
WMAO-23 " "	WMAB-2 Ackerman, Ms. (a real pain in the %!&#*")
WMAV-18 Oxford, Ms.	

Semi-locals received:

WDAM-7 Hattiesburg, Ms.	WAPI-13 Birmingham, Al.
Memphis V's	WBRC-6 " "
KARK-4 Little Rock, Ar.	KNOE-8 Monroe, La.
KATV-7 " " "	KTVE-10 El Dorado, Ar.
WLOX-13 Biloxi, Ms.	WCFT-33 Tuscaloosa, Al.
WKRG-5 Mobile, Al.	WNGE-2 Nashville, Tn.
WALA-10 " "	WBRZ-2 Baton Rouge, La.

Robert Zent: 1835 Fruit St., Huntington, In. 46750 EST (219)-356-1670

5-8 Tr 0758 Peoria & Springfield U's	5-22 Tr 0700 WUCU-44 Cambridge(225)
0759 WAND-17 Decatur(210)	0705 Louisville & Lexington U's strong.
0800 WICD-15 Champaign(150)	0710 WKMR-38 Morehead(225)
5-12 Tr 0630 Springfield, Peoria, Champaign U's strong	0715 Peoria, Champaign U's
5-15 Es 1130 KMID-2 Midland(1150)	1230 WQAD-8 Moline(275)
KACB-3 San Angelo(1100)	2200 WOVW-13 Huntington(250)
1200 KENW-3 Portales(1120)	5-23 Tr 1130 " " "
1230 KNME-5 Albuquerque(1250)	5-30 Gw 1615 WCFC-38 Chicago(130)
1259 KTVY-4 Oklahoma City(780)	Es 1930 Unideds chs. 2&4; SW
1430 KCKT-2 Great Bend(760)	1958 KMID-2 Midland(1150)
1440 KTVG-6 Dodge City(840)	6-1 Es 1530 " " "
5-19 Tr 1630 WWTW-9 Cadillac(225)	

Jim Gould: R.R.#3, Kokomo, In. 46901 EST

5-15 Es 0930 Unideds on chs.2&3.	5-16 Tr 0730 Unided-18; Running tp; 0 or minus offset.
1000 WEDU-3 Tampa, Fl.	5-25 Es 1850 KTWO-2 Casper, Wy.
Unided-3, ABC, Towards Texas	1901 KUTV-2 Salt Lake City T
1030 KFDX-3 Wichita Falls T	5-26 Es 2155 Unided-2; Spanish,SSW
1130 KACB-3 San Angelo, Tx.	2220 KMID-2 Midland T
1225 KENW-3 Portales, N.M.	5-28 Es Cuban Palm Tree tp on ch.3.@ 1345
1230 KNME-5 Albuquerque, N.M.	5-31 Es 0845 Cuban, tp w/"Tele Rebelde" and "5" in center. This was on ch.3.
1232 KTEW-2 Tulsa, Ok.	5-31 2030 Left for vacation in Naples Fl. Back on June 15.
1315 KAMR-4 Amarillo, Tx.	
1431 KCKT-2 Great Bend, Ks.	
KOAA-5 Pueblo, Co.	

Central Tv-Dx

Marvin Shults; R.R.#1, Toulon, Il. 61483 CST-CDT

- | | | | |
|---------|---------------------------------------|--------|--------------------------------|
| 1-18 Es | 1900 CKBQ-2 Melfort, Sask. | 6-2 Tr | 0729 WAKR-23 Akron, Oh. |
| | 2030 KWGN-2 Denver, Co. | 6-3 Tr | 0625 WEYI-25 Saginaw, Mi. |
| | 2100 KTVQ-2 Billings, Mt. | | 0629 WLKY-32 Louisville, Ky. |
| 1-19 Es | 0900 KMID-2 Midland, Tx. | | WEHT-25 Evansville, In. |
| 2-28 Tr | 1230 KELO-11 Sioux Falls, S.D. | | 0845 chs. 12, 27, 32, 36 IEBN. |
| 3-19 Tr | 0659 KUON-12 Lincoln, Ne. | Es | 1230 WPBT-2 Miami, Fl. T |
| | 0717 KOLN-10 " " | 6-6 Es | 1900 KNME-5 Albuquerque, N.M. |
| 4-19 Tr | 0630 WEYI-25 Saginaw, Mi. | | 1929 KACB-3 San Angelo, Tx. |
| 4-25 Es | 1130 WGBH-2 Boston, Ma. | | 1930 KENW-3 Portales, N.M. |
| | 1230 WLBZ-2 Bangor, Me. T | 6-7 Es | 1230 KOTA-3 Rapid City, S.D. |
| 5-18 Es | 1914 KUTV-2 Salt Lake City, Ut. | | 1759 KTWO-2 Casper, Wyo. |
| | 1929 KBCI-2 Boise, Id. T | | 1829 KID-3 Idaho Falls, Id. |
| | (Brady Bunch followed by Bob Newhart) | | 1830 KSL-5 Salt Lake City |
| 5-25 Es | 2200 XEFE-2 Nuevo Laredo T | | KID-3 Idaho Falls (Live |
| 5-31 Tr | 1800 WCFC-38 Chicago, Il. | | newscast from flood disaster) |
| | (erp 5megawatts) | | 1900 KUTV-2 Salt Lake City |
| 6-1 Es | 1259 WLBZ-2 Bangor, Me. | | 1930 KTVQ-2 Billings, Mt. |
| | 1300 CBFT-2 Montreal, P.Q. T | | 2159 KENW-3 Portales, N.M. |
| | CJBR-3 Rimouski, " | | KNME-5 Albuquerque, N.M. |
| | 1540 KMID-2 Midland, Tx. | | |
| | 2259 KID-3 Idaho Falls, Id. | | |
| | 2300 KUTV-2 Salt Lake City, Ut. | | |

"It seems as though tropes have been on the low side during the spring session with few openings. During the winter I constructed a dual relay system using Magnecraft relays so that I could switch in & out of CMA-Ub depending upon which direction it was pointing at (severe overload SSE). For the low-band, I built a coaxial strip line filter and have plans to build one for the high-band.

At present, I am having rotor problems. After bringing it down, it seems to work fine but will do more investigating before putting rotor back up. I saw Morrie Goldman and Dick Tidberg at Princeton hamfest on June 6."

Paul Gaines; 15920 Puritan St., Detroit, Mi. 48224 EDT

- | | | | |
|---------|--|---------|------------------------------|
| 5-9 Tr | 0230 WTHR-13 In. 1123(230) | 5-16 Tr | 0900 WTAP-15 W.Va. 1522(235) |
| | 0241 WKRC-12 Oh. 1223(235) | | 2318 WUTV-29 N.Y. 3342(215) |
| | 0317 WRTV-6 In. 1022(230) | | 2332 WNED-17 " 1022 " |
| 5-10 Tr | 0201 WMAQ-5 Il. " (225) | 5-19 Tr | 0217 WTRF-7 W.Va. 1022(205) |
| | 0223 WRTV-6 In. " (230) | Ms | 0436 WCBS-2 N.Y. 1112(490) |
| | 0807 WLFJ-18 In. 2541(220) | 5-20 Tr | 0149 WTRF-7 W.Va. 1222(205) |
| | 0828 WHMB-40 In. 1522(230) | | 0152 WIIC-11 Pa. 1522(210) |
| 5-11 Tr | 0113 WTHR-13 In. 1523(") | | 0156 WCPO-9 Oh. " (235) |
| | 0153 WRTV-6 In. 1022(") | | 0206 WKRC-12 " 1122(") |
| | 0204 WCPO-9 Oh. 1222(235) | | 0551 CFTO-9 Ont. 1022(205) |
| | 0245 WGN-9 Il. 1023(225) | | 0841 WNED-17 N.Y. " (215) |
| 5-12 Tr | 0158 WTRF-7 W.Va. 1022(205) | 5-21 Tr | 0853 WPGH-53 Pa. " (210) |
| | 0203 WIIC-11 Pa. " (210) | | 0144 WKRC-12 Oh. 1021(235) |
| | 0828 WPGH-53 Pa. " " | | 0159 WIIC-11 Pa. " (210) |
| 5-13 Tr | 0127 WTHR-13 In. "(230) | Ms | 0400 WCBS-2 N.Y. 1312(490) |
| | 0202 WRTV-6 In. 1021 " | Tr | 0612 CFTO-9 Ont. 1022(205) |
| | 0245 WGN-9 Il. 1122(225) | 5-22 Tr | 0241 " " 1532 " |
| | 0250 WITI-6 Wi. 1022(245) | | 0247 CBLT-5 " 1122 " |
| | 0307 WISN-12 Wi. " " | Tr | 0830 WXTX-19 Ky. 1022(240) |
| | 0606 WKRC-12 Oh. " (235) | | 0905 WCET-48 Oh. " (235) |
| | 0813 WNED-17 N.Y. 1555(215) | | 0928 WKRC-12 Oh. 1322 " |
| | 2229 WSKG-46 N.Y. 1022(365) | 5-23 Tr | 0203 CFTO-9 Ont. 1023(205) |
| 5-14 Tr | Due to the length of this report(10 pages) I am deleting Chicago, Milwaukee& Indianapolis loggings as they are seen every day. | | 0220 WIIC-11 Pa. 1022(210) |
| | 0202 CFTO-9 Ont. 1022(205) | | 0225 WKRC-12 Oh. " (235) |
| 5-16 Tr | 0227 WLWT-5 Oh. 1521(235) | | 0228 WLWT-5 Oh. " " |
| | 0228 WKRC-12 " 1222 " | | 0257 WCPO-9 Oh. " " |
| | 0231 WCPO-9 " 1522 " | | 0309 CBLT-5 Ont. " (205) |
| Ms | 0508 WCBS-2 N.Y. 1012(490) | 5-24 Tr | 0243 " " 1032 " |
| Tr | 0621 WOWK-13 W.Va. 1534(280) | Ms | 0340 WCBS-2 N.Y. 1012(490) |
| | | Tr | 0624 WOWK-13 W.Va. 1122(280) |
| | | | 0654 CFTO-9 Ont. 1022(205) |
| | | 5-25 Tr | 0205 WTRF-7 W.Va. " " |
| | | 5-26 Tr | 0341 CFTO-9 Ont. " " |

5-26 Ms 0437	WCBS-2 N.Y.	1112(490)	6-3 Tr 0150	WTRF-7 W.Va.	1022(205)	
5-27 Tr 0154	WTRF-7 W.Va.	1022(205)	0200	CBLT-5 Ont.	" "	
0211	CFTO-9 Ont.	1222(")	0212	CBLFT-25 " "	" "	
0259	CBLT-5 " "	1032 " "	0338	CFTO-9 " "	1032 " "	
0822	WNED-17 N.Y.	1022(215)	6-4 Tr 0716	WTAP-15 W.Va.	" (235)	
5-28 Tr 0000	" " "	" 1132 " "	0837	CICO-19 Ont.	2552(205)	
0053	Unided-19; ENE(carrying			CBLFT-25 " "	4553 " "	
	Global addsmovies)			0839	CITY-79 " "	2555 " "
0123	CICO-19 Ont.	1022(205)	Es 1330	WCIX-6 Fl.	3511(1170)	
0159	CFTO-9 " "	1522 " "		KALB-5 La.	" (915)	
0616	CBLFT-25 " "	1531 " "		KENS-5 Tx.	" (1220)	
5-29 Tr 0222	CFTO-9 " "	1522 " "	1400	KTBS-3 La.	" (905)	
0242	CBLT-5 " "	1122 " "		KBTX-3 Tx.	" (1070)	
5-30 Tr 0213	CFTO-9 " "	1223 " "	1430	KXAS-5 " "	2511(1000)	
0316	WKRC-12 Oh.	1023(235)	1526	WEDU-3 Fl.	" "	
0409	CBLT-5 Ont.	1022(205)	1536	KACB-3 Tx.	1511(1190)	
Ms 0448	WCBS-2 N.Y.	1012(490)	1600	KATC-3 La.	2511(970)	
5-31 Tr 0221	WLWT-5 Oh.	1122(235)	6-5 Tr 0250	CBLT-5 Ont.	1022(205)	
0224	WCPO-9 " "	1022 " "	0258	CFTO-9 " "	1222 " "	
0318	CBLT-5 Ont.	1032(205)	0845	WPGH-53 Pa.	1032(210)	
6-1 Tr 0142	CFTO-9 Ont.	1122(")	6-6 Tr 0309	CBLT-5 Ont.	1221(205)	
0146	WCPO-9 Oh.	1022(235)	0330	WKRC-12 Oh.	1022(235)	
0203	WTRF-7 W.Va.	" (205)	Ms 0415	WCBS-2 N.Y.	1212(490)	
0251	CBLT-5 Ont.	1522 " "	Tr 0842	WTAP-15 W.Va.	1022(235)	
Ms 0541	WCBS-2 N.Y.	2012(490)	0849	WNED-17 N.Y.	" (215)	
Es 1325	KACB-3 Tx.	2521(1190)	0858	WUTV-29 " "	1021 " "	
Tr 2311	WCFC-38 Il.	1122(225)	0907	WLFI-18 In.	1522(220)	
6-2 Tr 0030	WUTV-29 N.Y.	1022(215)	Es 2000	WSAV-3 Ga.	5522(725)	
0145	WKBW-7 N.Y.	1521(215)	6-7 Tr 0154	WCPO-9 Oh.	1021(235)	
0146	WTRF-7 W.Va.	1522(205)	0156	CFTO-9 Ont.	1122(205)	
0157	CFTO-9 Ont.	2532(")	0318	CBLT-5 " "	1032 " "	
0248	WBEN-4 N.Y.	2032(215)	0849	WHMB-40 In.	1523(230)	
Ms 0407	WCBS-2 " "	1012(490)	Es 1329	KACB-3 Tx.	4521(1190)	
Tr 0801	WNED-17 " "	1032(215)	6-8 Tr 0145	WTRF-7 W.Va.	1022(205)	
0826	CBLFT-25 Ont.	1022(205)	0155	WCPO-9 Oh.	1522(235)	
0829	CICO-19 " "	" " "	0201	CFTO-9 Ont.	1521(205)	
0842	WICD-15 Il.	1122(305)	Ms 0419	WCBS-2 N.Y.	1212(490)	
0858	WIGS-20 Il.	1022(375)	Tr 0811	WNED-17 " "	1532(215)	
0901	WTVO-17 Il.	" (300)	0813	CICO-19 Ont.	1022(205)	
0916	WAND-17 Il.	" (340)	0815	CBLFT-25 " "	1531 " "	
0940	WMBD-31 Il.	" (345)	0816	CBLFT2-40 " "	3545(105)	
0950	WRAU-19 Il.	" " "		Log total:	239	

William J. Draeb; Ellis St. R.R.#2, Kewaunee, Wi. 54216 CDT

5-17 Es 1905	WESH-2 Daytona Beach(1130)	5-25 Es 1236	KPRC-2 Houston(1118)
	WJXT-4 Jacksonville(1039)	1300	KIII-3 Corpus Christi
1910	WCBD-2 Charleston(916)		(1295)
1912	WWAY-3 Wilmington(882)		KVAC-4 Port Arthur(1080)
1930	WCIV-4 Charleston(916)	1308	KMOL-4 San Antonio(1213)
1958	WCBI-4 Columbus(770)	1330	KACB-3 San Angelo(1143)
	WMAB-2 State College(784)		KBTX-3 Bryan(1079)
	KTBS-3 Shreveport T	1348	KWAB-4 Big Spring(1135)
2005	WTHS or WPBT Miami T		KMID-2 Midland(1176)
5-18 Es 1912	" " " "	1530	WTHS-2 Miami T
	WEDU-3 Tampa(1192)		WEDU-3 Tampa(1192)
1920	WTVJ-4 Miami T	1544	WESH-2 Daytona Beach T
5-19 Es 1410	KDFW-4 Dallas(957)	1610	WCBD-2 Charleston(916)
Tr 2150	WOSU-3 Columbus(395)		WCIV-4 " "
5-21 Es 2140	KSMO-2 Anaconda T	2200	KMID-2 Midland(1176)
2312	KRTV-3 Great Falls(1159)	5-26Es 1142	KTWO-2 Casper(947)
	KXLF-4 Butte(1219)	1225	KOTA-3 Rapid City(776)
	KTVQ-2 Billings(1032)		KDUH-4 Hay Springs(767)
2349	KID-3 Idaho Falls(1214)	1300	KUTV-2 Salt Lake City T
5-23 Es 1800	KPRC-2 Houston(1118)	1305	KTVQ-2 Billings T
	KJAC-4 Port Arthur T	1322	KYUS-3 Miles City T
	KBTX-3 Bryan T	5-27 Ms 0640	WCBI-4 Columbus(770)
5-24 Tr 1645	CHFD-4 Thunder Bay(300)	5-28 Es 1540	KMID-2 Midland T

Draeb; continued---		6-7 Es 1820	WDSU-6	New Orleans(1028)
5-30 Ms	0625 WMAR-2	1822	KRMA-6	Denver(952)
5-31 Tr	0035 CKSO-5		KOA-4	" "
6-1 Es	1210 WESH-2		KWGN-2	" "
	KIII-3		KREX-5	Grand Junction T
	KENS-5	1930	KTBS-3	Shreveport(901)
1237	WMAB-2		KALB-5	Alexandria(961)
	KMOL-4	2000	KTAL-6	Texarkana(848)
1300	KMTC-3	1335	KMID-2	Midland(1176)
Tr 2028	WCFC-38		KACB-3	San Angelo(1143)
	(over WPNE)	0950	WCBD-2	Charleston(916)
Es 2228	KTVX-4		WCIV-4	" "
	KSL-5		WWAY-3	Wilmington(882)
6-2 Tr	0525 WKBN-27		WECT-6	" "
	WYTV-33	1445	KAVE-6	Carlsbad T
	WENS-10		KAMR-4	Amarillo(991)
0544	WFMJ-21		KWAB-4	Big Spring(1135)
	WLKY-32	1510	KTVG-6	Ensign T
0830	WFYI-20		KCKT-2	Great Bend T
	WOSU-34	1555	WUNC-4	Chapel Hill(749)
6-3 Tr	0447 WKRC-12	1630	KIII-3	Corpus Christi(1295)
	0453 WENS-10		KRIS-6	" "
	0455 CKCO-13			(no dx on ch.2 at this time)
	0505 CBLAT-1-8	1634	KGHT-4	Harlingen(1400)
6-4 Es	1100 WBRZ-2			(Leave It To Beaver)
	WWL-4		KNOL-4	San Antonio(1213)
	WDSU-6			(Gunsmoke)
	KATC-3		KRGV-5	Weslaco T
	WKRG-5	1656	XEFB-3	Monterrey(1475)
	WEAR-3			(lasted about a minute)
1240	WMAB-2	1900	KPRC-2	Houston(1118)
	KALB-5	1918	KCEN-6	Temple(1075)
1306	KJAC-4	2030	KBTX-3	Bryan(1079)
1330	WCBI-4	2128	KENW-3	Portales(1103)
1400	KFDM-6	2144	KACB-3	San Angelo(1143)
1430	KPRC-2	2150	KDBC-4	El Paso(1350)
	KBTX-3	6-9 Es	KRTV-3	1825 Great Falls(1159)
1455	WEDU-3	1825	KKLF-4	Butte(1219)
6-6 Es	1758 WWL-4		KID-3	Idaho Falls(1214)
	KPRC-2		KTVQ-2	Billings T
	KJAC-4		KREM-2	Spokane T
1807	KATC-3		KKLY-4	" "
1818	KMID-2	2050	WCBD-2	Charleston(916)
	KACB-3	2100	WJXT-4	Jacksonville(1039)
1830	WJXT-4	2104	WEDU-3	Tampa T
1900	WESH-2	2120	WSB-2	Atlanta T
	WDEO-6	2125	WESH-2	Daytona Beach(1110)
	WRBL-3	2128	WFHS or WPBT	Miami(1368)
1905	WKRG-5	2138	WEAR-3	Pensacola(986)
	WCTV-6		WKRG-5	Mobile(967)
1910	KENW-3		WDIQ-2	Dozier T
	KAMR-4		WTVY-4	Dothan T
1930	WCBD-2	2146		
	WCIV-4	6-10 Tr	1230	CHFD-4
1934	WUNC-4	6-12 Tr	2035	CICO-18
	WCSC-5			London(328)
6-7 Tr	0735			CICO-28
	0745			Kitchener(345)
	0800			WFTV-29
				Buffalo(445)
				Cleveland U's(355)
				Youngstown U's(420)
				WMUL-33
				Huntington(498)
				2107
				CBLFT-25
				Toronto(410)
		6-15 Es	1235	KUTV-2
				Salt Lake City(1264)
				KTVX-4
				" "
		6-16 Es	1500	KATC-3
				Lafayette(1026)
			1610	CJCB-4
				Sydney(1350)
				CBHT-3
				Halifax(1170)
				CKCW-2
				Moncton(1117)
				CBIT-5
				Sydney(1350)
Es 1800	WWL-4		1630	WLBZ-2
	WBRZ-2			Bangor(925)
	KATC-3			
	KJAC-4			

Draeb; continued---
 6-16 Es 1630 WABI-5 Bangor(925) 6-17Tr 1808 Uxbridge-22 T
 1640 WGBH-2 Boston(830) 6-17 Tr 1812 WYTV-33 Youngstown(420)
 CJCH-5 Halifax(1170) CHLT-25 Toronto(410)
 1645 CJCH6-6 Caledonia T WSEE-35 Erie(405)
 CHSJ-4 St. John(1085) 1838 WQLN-54 " "
 1722 WCSH-6 Portland T 1840 CHLT2-40 London(328)
 1724 WCAAX-3 Burlington T (running test slide)
 1725 WBZ-4 Boston(830) WKYT-27 Lexington(473)
 WTEV-6 New Bedford(842) 1851 WNPE-16 Watertown T
 1919 WOSU-34 Columbus(395)
 1926 Pittsburgh U's(480)
 6-17 Tr 1800 Cleveland U's(355) WWVU-24 Morgantown(513)
 WAKR-23 Akron(380) 2026 WMUL-33 Huntington(498)
 CICO-18 London(328) 2041 WKAS-25 Ashland(486)
 CICO-28 Kitchener(345) WPHO-42 Portsmouth(461)
 WUTV-29 Buffalo(445) 2129 WCMH-4 Columbus T
 WKEN-27 Youngstown(420) WFAE-4 Pittsburgh T
 WFMJ-21 " " 2347 KMTC-27 Springfield(589)
 WJET-24 Erie(405) KCBJ-17 Columbia(450)
 Log Total: 641

FM QSL CORNER

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

Deadline: 15th

IL WSIE 88.7 Edwardsville, Southern Ill Univ. 62026, coverage map with QSL on it, signed, Hugh C. Nenninger, CE one week (KRS)
 WSEI 92.9 Olney, Box L, 62450, card with FM circled signed Donald Schnell, CE W9LJM/KWS-6543 one week (KRS)
 WNIU 89.5 DeKalb, Northern Ill Univ. 60115, nice letter in 10 days Roger Brown, CE
 WMBD 93.3 Peoria, 212 SW Jefferson, 61620, Xerox fill in card for AM Signed Neil Burk, CE one week (KRS)
 KY WKDQ 99.5 Henderson, Box 418, 42420, Friendly letter from Scott H. Chase, CE W4JZ with mention of 2 n. skip (?) 10 days (KRS)
 OH WMUB 88.5 Oxford, Miami Univ., 45056, nonspecific letter in 1 week, from Larry D. Landaker, promo/dev mgr also send program schedule (KRS)
 WI WTMB 98.9 Tomah, Superior Ave, 54660, 4" x 9" QSL card, some antenna information, sounds like a travel brochure from Douglas E. Reuteler, A.C.E. 2 days (MDS)
 WJMT 93.5 Merrill, 120 S. Mill St, 54452, letter from Wayne H. Smith Gen Man 2 days (MDS)
 WWRW 103.5 Wisconsin Rapids, 220 First Ave S. 54494, letter, with some transmitting info, was very appreciative of my report signed Fred W. Shetka, CE 3 days (MDS)
 WIAL 94.1 Eau Claire, P O Box 660, 54701, letter Lanny Roth CE (MDS)
 WCFW 105.5 Chippewa Falls, 1034 1/2 Warren St. 54729, report returned with verie note signed by Larry S. Seidling, Program Director CE, reply in 7 days (MDS)

Well, things are looking better with 2 reporters this month, with Michael D. Schoenfuss again & Kenneth R. Simon. Very good! One thing I ask is when you report, give the station address, and your receiver make if possible. I guess I should be getting more with the skip season now in swing again.

73's & good dx till next month...

Tom

TV QSL CORNER

PAUL D. TRASKA
64 WEAVER AVENUE
BUFFALO, NY 14206

- FL WSWB ch 35 Orlando-11510 E.colonial dr.32807.L-Robert G.Martins-DE,7 days (SW) a No 1 super eatuh & QSL -pdt)
WPTV ch 5 W.PALM BEACH-p.o. box 510,33480.G & L-W.Lewis Evenden-DE,15 days (CS)
KY WHAS ch 11 Louisville-p.o.box 1084,40201.(?) Dick Sweemey-PD,3 days, (CS) *
LA WRBZ ch 2 Baton Rouge-1650 highland rd.70802.PC-NO SIGNER..... 4 months (CS) *
MI WJBK ch 2 Detroit-number two storer place,48075.C,L&M-Roderick Luoma, ED. 44 days (CS)
WKZO ch 3 Kalamazoo-W.maple st.49001.Picture PC of studio-Candis J. Glass. PAD. 14 days (CS) *
WWTW ch 9 Cadillac-p.o.box 627,49601.(?) Lowell Shore-GE,7 days (CS)*
WKBD ch 50 Detroit-26955 W.eleven mile rd.48075.C&L-Al Martin,DE.42 days (CS)
MN WGOO ch 4 Minneapolis-50 south ninth st.55402.(?) Shermon K.Headley, GM, 11 days (CS) *
KSTP ch 5 St. Paul-3415 university ave.55114.(?) Ron Majors,ND. 7 days (CS) *
NE KNOP ch 2 North Platte-p.o.box 749,69101.L-Ross Hutcherson,GE,74 days (CS)
NY WHEN ch 5 Syracuse-980 james st.13203.L-A.H.Chismark,DE.8 days (CS)
WWTW ch 7 Watertown-p.o.box 211,13601.L&C,Don G.Morehouse.GE,13 days, (CS)
WNYB ch 9 Syracuse-shoppingtown,13214.L-Charles F.Mulvey,14 days (CS)
WNPE ch 16 Watertown-p.o.box 114,13601.L&M-James W.Edwards.GE,21 days, (CS)
OH WTOL ch 11 Toledo-p.o.box 715,43601.C,M&S-W.E.McDaniel,GE.11 days (CS)
WFMJ ch 21 Youngstown-101 boardman st.44503. G-Frank Dieringer. GE.. 7 days (CS)
WAKR ch 23 Akron-853 coupley rd,44320,G-Irv Knopp,GE.49 days.(CS)
WYTV ch 33 Youngstown-3800 shady sun rd.44502,L-A.W.Taylor.VP&CE. 4 days (CS)
PA KDEA ch 2 Pittsburgh-one gateway center,15222.L&M-J.J.Cvetic.ES. 11 days (CS)
WTAE ch 4 Pittsburgh-400 ardmere blvd.15230.L-James E.Hurley.DE.4 days (CS)
WTAJ ch 10 Altoona-sommerce park,16603,C-R.Kline.29 days (CS)
WPHL ch 17 Philadelphia-5001 wynnefield ave.19131.C-Walt Bundy.GE. 9 days (CS)
WJML ch 19 Johnstown-341 lincoln st.15901.4 coverage maps,L& color slide,also a plug for the WTFDA-my letter is on display at there offices,on WTFDA stationery.Dennis J.Grandinetti.AC. 2 weeks, (PDT)
SD KPLO ch 6 Reliance-c/o KELO-11 Sioux Falls,57102.C-M.Artus.ES.7 days, (CS)
CANADA
BC CBUT ch 2 Vancouver-p.o.box 4600,V6B 4A2.C&L-R.C.McDonald xintr.servi- ces. 14 days (CS) super catch agian -pdt
ON CBOT ch 4 Ottawa-p.o.box 3220,station C.K1Y 1E4.L,C&M.-Mrs. G.Ethier, PR. 26 days (CS)

CONTRIBUTOR S: Cyril Schauer, East Dubuque IL. -CS- *
Craig Simons, Toronto Ont. -CS-
Steve West, Havertown PA. -SW-

MY THANKS to this months new contributors. lets keep this trend on & on- that's it for now till next month.

73's *Paul*

FLASH: WTFDA scoops the DX world with the news that ch 59, Chatham, Ontario (referred to in Mark Lewis' CANADIAN REPORT) is on the air! VUD publisher Peter Oprisko saw C1C059-59 on the morning of June 26 with "TV0" color bars Ch 48 Chatham is co-sited with 59, so they may be on soon---keep watching!!

FM**STATISTICS**

JULY 1976

Glenn Hauser, editor
WUOT, Univ. of TN
232 C & E Bldg.
Knoxville TN 37916100 & 101 MHz FM DX RECORDS

MHz	Prop	Call	Location	Miles	DXer, Location
100.1	Es	XHERS	BCN Tijuana	1300	Glenn Hauser, Calgary Alta
	Tr	KMHL	MN Marshall	565	Glenn Hauser, Enid OK
	MS				
100.3	Au	WIVE	VA Ashland	555	Russ Brown, St Joseph MI
	Es	CFRN	Alta Edmonton	1750	Robert Seybold, Dunkirk NY
	Tr	KBER	TX San Antonio	955	Mike Dalton, Clearwater FL
100.5	MS	KBOX	TX Dallas	1100	Fred McCormack, Des Lacs ND
	Au	KLIR	CO Denver	700	John Ebeling, Bloomington MN
	Es	WLBG	SC Laurens	1380	Fred McCormack, Des Lacs ND
100.7	Tr	WEAI	IL Jacksonville	810	Fred McCormack, Des Lacs ND
	MS	WKEE	WV Huntington	855	Glenn Hauser, Enid OK
	Au	WCMS	VA Norfolk	655	Russ Brown, St Joseph MI
100.9	Es	WDAE	FL Tampa	1410	Bruce Elving, Adolph MN
	Tr	WTJS	TN Jackson	790	Bruce Elving, Adolph MN
	MS	WMJR	FL Fort Lauderdale	1260	Glenn Hauser, Enid OK
101.1	Au	KGBI	NE Omaha	550	Fred McCormack, Des Lacs ND
	Es	KSRT	CA Tracy	1420	Glenn Hauser, Von Ormy TX
	Tr	WRCO	WI Richland Center	660	Robert Cooper, Oklahoma City OK
101.3	MS				
	Au	CFMI	BC New Westminster	1815	Russ Brown, St Joseph MI
	Tr	KLOL	TX Houston	980	Russ Brown, St Joseph MI
101.5	MS	WRED	OH Youngstown	975	Glenn Hauser, Enid OK
	Au	WBAY	WI Green Bay	695	Fred McCormack, Des Lacs ND
	Es	WVEC	VA Hampton	1380	Glenn Hauser, Von Ormy TX
101.7	Tr	KMIO	TX Sinton	900	Mike Dalton, Clearwater FL
	MS	KQTY	KS Wichita	540	Glenn Hauser, Albuquerque NM
	Au	KFDI	KS Wichita	505	Andy Bolin, Charleston IL
101.9	Es	WBOP	FL Pensacola	1445	Fred McCormack, Des Lacs ND
	Tr	WLYF	FL Miami	1155	Glenn Hauser, Von Ormy TX
	MS				
101.9	Au	WBIE	GA Marietta	580	Russ Brown, St Joseph MI
	Es	KDEX	TX Sherman-Denison	1265	Fred Nordquist, N Syracuse NY
	Tr	WTGR	SC Myrtle Beach	620	Shelby Remington, New Haven CT
101.9	MS				
	Au	WILS	MI Lansing	295	Andy Bolin, Charleston IL
	Es	KQXT	TX San Antonio	1545	Fred Nordquist, N Syracuse NY
101.9	Tr	WWL	LA New Orleans	905	Carlton Howington, Uniontown OH
	MS	KFNB	OK Oklahoma City	680	John Ebeling, Bloomington MN
	Au	KFMQ	NE Lincoln	455	Andy Bolin, Charleston IL

A space indicates no record known; any distance would qualify! Calls shown are those in use at time the record was set; many have since changed. Records stand after DXers become inactive. 73, Glenn



has nothing to do with STATISTICS, but completes this page nicely.

TV CCI

UNIDENTIFIED TV-DX

Frank Aden, Jr.
1535 NW ITHACA AVE.
BEND OR 97701

JULY 1976

I should have a complete set of TV GUIDE editions very soon. At the time of this writing I have about 50% of all the editions. More regional TV networks are in this month's TV-CCI. First the unids.

Randy Dorman, 8113 Spaulding Circle, Severn, MD 21144 (1976 unids)

The Jun 1 Tr ch 23 2050 EDT--Music show with David Allen Coe. Mention of a Correction institution in Marion, Ohio. A history was given of Coe's life in prison. Maybe WAKR. TV GUIDE for June 8 shows network movie, suggest you write station. TV GUIDES for other 23s not in yet (FEA).

Jim Pizzi, 300 Park, Orcutt, CA 93454 (1976 unids)

Wed May 19 Es ch 2 2113 PDT--NBC, ad, break in Tonite show Utica National Bank, 5th(?) & Utica. Tent. WKTV, KTEW, KCKT. 1959 KDIX, 2048 KTEW. There is a Utica, Neb. Telephone information service might be a help on this (FEA).

ch 5 2048 PDT--Mary Hartman, Mary Hartman. TV GUIDE is negative on KOCO, KSD, KOAA, KYCU. KOCO has it at 2100 PDT. Other ch 5 schedules not in at this time.

Frank Aden, Jr., 1535 NW Ithaca Ave., Bend, OR 97701 (1976 unids)

Mon May 31 Es ch 6 1830 CDT--Mutual of Omaha's Wild Kingdom. Out of TV GUIDES on hand (KS, OK, CO) only KOTV checks. Need to know if any ch. 6 in Neb. runs it at this time.

Identification Information Below sent in by Clarke Ingram

Richard Allen:

(Aug. 1975 TV-CCI) Wed Jun 18 Es ch 4 0746 Today---probably WNBC, as the sketched logo style matches.

None of the Eastern ch. 2s reported by you in the August 1975 column are KDKA.

(Oct. 1975 TV-CCI) Sun Jul 13 Es ch 2 1331 Action Theatre---this is definitely KDKA-2. 1340 Cincinnati baseball---this is definitely WLWD-2 now WDTN-2.

Chuck & Scott Sampson:

(May 1975 TV-CCI) Thu Nov 14 MS ch 2 0535 ID slide---probably WJEB-2, but can't be positive from the sketch.

(June 1975 TV-CCI) Fri Jul 12 Tr ch 11 1145 Mothers-In-Law---most stations had network programming at this time---possibly ind. KPLR.

Ken Simon:

(Apr. TV-CCI) Tue Dec 31 MS ch 4 0601 full CB---WHEN-4 runs them in this period, if I'm not mistaken.

John Combs:

(June 1975 TV-CCI) Sat Jun 15 MS ch 2 0533 ID slide---definitely WJEB.
ch 3 0945 Jetsons---definitely not WKYC-3.

Sun Dec 22 MS ch 2 0213 movie Houdini---KDKA-2 checks,

Ken Simon sent in the list below of TV schedule publications. (From EUROPA handbook 1975)

TTV-pub. Taiwan Tel. Ent. Ltd, 10 Pate Rd. Sec. 3 Taipei TAIWAN

Telcran Avda. Sta. Maria 76, Santiago CHILE

Listener-In TV 44 Flanders St. Melbourne AUST

TV Times 630 George St., Sydney NSW AUST

TV Week 32 Walsh St. Melbourne AUST

TV Times 247 Tottenham Court Rd. London W1POAU... 13 editions covers all ITV except Channel Is.

Granma only Cuban paper (English weekly) that covers TV sheds by networks.

Apdo. 6260 la Habana. Named after boat used in 1954 invasion.

Regional TV Networks

Kansas Broadcasting System

CBS Television

KTVH ch. 12 Hutchinson
KTVG ch. 6 Ensign

KAYS Hays ch. 7
KLOE Goodland ch. 10

KTVH



2815 E. 37TH ST., N. • P. O. BOX 12 • WICHITA, KANSAS 67201 • KANSAS' FIRST TELEVISION STATION •

Kansas State Network, Inc.
833 North Main
P. O. Box 333
Wichita, Kansas 67201
(316) 265-5631
TWX 910-741-8876

KCKT-TV 2
P. O. Box 689
Great Bend, Kansas
67530

KARD-TV 3
P. O. Box 333
Wichita, Kansas
67201

KGLD-TV 11
P. O. Box 1076
Garden City, Kansas
67846

KOMC-TV 8
P. O. Box 238
Oberlin, Kansas
67749



Will ID as "KSN" at times.

Mon-Dak's
FRIENDLY GIANT



DAKOTA GIANT NETWORK

KFYR-AM - KFYR-TV
BOX 1738
BISMARCK, N. D. 58501

KFYR ch. 5 Bismark, ND
KUMV ch. 8 Williston, ND
KMOT ch. 10 Minot, ND

NBC & ABC

CASCADE-TV
KMB-TV29 KER-TV19 KEN-TV3

10 13
kakoland

WISCONSIN TV NETWORK

OETA

see you in CHICAGO!

11 13
TULSA OKC

73's until next month

Frank

KYCU-TV Chicago Ch. 8
STP-TV Southbuck Ch. 40
TVS-TV Starbuck Ch. 8

**UHF
TRANSLATOR
DX
GUIDE**

Order Now and save 50¢!

SPECIAL: For a limited time, WFDFA's popular UHF TRANSLATOR DX GUIDE is on sale for 50¢ below the regular member cost! This accurate and detailed list of US UHF translators compiled by Les Prus and Richard Allen originally was priced at \$2.00, but while the supply lasts, you can obtain a copy for only \$1.50! **SUPER SPECIAL:** IF bought with a copy of the WFDFA TV STATION GUIDE, both are just \$5! Order NOW from HQ.

TV CCI AIDS

Steve West
432 Kenmore Road
Havertown, Pa. 19083

July 1976

Deadline: 10th

You can thank Frank Aden, Rick Glasgow, David Leibold, and Steve Rich for such a nice column this month. I hope this column not only helps identify your DX but is also interesting too!

Send in any information along with logos from your local newspapers or TV Guides.

WTWO-TV 2 Terre Haute, Indiana

Sign/on: 0640
Sign/off: 0100

Test Pattern: Color bars IDed with high tone before sign/on.

News Name: TV-2 Eyewitness News (6 & 10) Anchorman: Johnny Palmer



KATU-TV 2 Portland, Oregon (ABC)

Sign/on: 0630



News Name: Eyewitness News
Newsman: Dick Bogel, Pat Wilkins, Richard Ross, Kathy Smith, Jack Berry, Dick Carr, Fred Jenkins, Tom Bosley.
Local Shows: AM NW
Movies: Monster Movie (Sun), 4pm Movie (Sun), Sunday Cinema, Sinister Cinema (Sat), Album of Weekly Classics

Used 6am-6:30am

Used at 6:30am



CKCO-TV 2 Warton, Ontario
Also "satellite stations" Channel 42 Huntsville, Ontario

Sign/on: 0600 Daily

Sign/off: 0100 except if movie is shown

CKCO-TV 13 Kitchener
42 Sarnia, Ont. & Ch. 11 in Huntsville, Ontario
Network is CTV.

Movies: Saturday Afternoon Movie, Sunday Afternoon Movie, Late Date.
News: Scan-1800 Daily, Ontario Nightly News, Daily at 2320.
Newsman: Gary McLaren



WTTV-TV 4 Indianapolis, Indiana (Independent)

Sign/on: 0625

Sign/off: 0145-0300

Test Pattern: Color bars with calls at 0600, high tone used.

Station ID's: WTTV, Channel 4, WTTV, Channel 4, One of the nations leading independent stations.
News Name: "News 4 Indiana" at 11:30 & 9:30
Newsman: Rich Green, Kim Beech, Chuck Workman (Sports)
Miscellaneous: Many ID's are promo's for various movies and programs.
Audio ID's never include location.



KOIN-TV 6 Portland, Oregon (CBS)

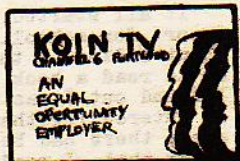
Part of Your Life

KOIN/TV6

News Name: Newsroom Six
Newscasters: Mike Donahue, Brian Dries, Jim Rauh, John Walls.
Slogan: Part of Your Life
Movies: MGM Presents (Saturday),
 All Nighters Theatre, The Movie Machine, Late Movie (Thursdays)
Local Shows: KOIN Kitchen



Used 6am-6:30am



Used at 6:30am



Wedge TP rarely used



WRTV-TV 6 Indianapolis, Indiana (NBC)

Sign/on: 0630 weekdays, 0700 on Saturday and Sunday.

Sign/off: 0100 weekdays

Test Pattern: On a half hour before 5pm and 10pm.
 sign/on with low tone.



Station ID's: "WRTV Indianapolis, channel 6" a lot of promo ID's for "Mary Hartman" and "The Mike Douglas Show"

News Name: "The News" at 12 noon,

Newsmen: Howard Gladwell, Ron Tank, Bob McLain (W), Craig Roberts (Sports)

Miscellaneous: Small 6 is included in lower left corner on almost all ID's and promos.

CKNX-TV 8 Wingham, Ontario

Times are in EST or EDT when the daylight period prevails in Canada.

Sign/on: 0800 Daily

Sign/off: usually 0100 or longer.

Test Pattern: Full Yellowish Brown based color bars and there may also be a black and white grid. High tone.

Network and Programing: CBC

Newscasts: Noon Report at 1230 weekdays, Insight at 1800 weekdays, and Western Ontario Tonight, 2320 nightly.

Movies: Thursday Night Movies at 2100 and Matinee at 1245 weekdays.

More next month, until then, 73's

Steve

THIS IS YOUR DX

Paul Laurence Gaines
15920 Puritan St.
Detroit, Mi. 48227
% C.P. Cleaning

Trops are still in here, but the big thing was the massive opening of nite-time AM ES on 6-19 from here to SK & AT !!! Well, the weather is cool here & we got a story to do! Yes, DX stories are starting to come in. So send yours, use the above address--my name is not needed on the mail.

Our first story comes from DXer Randy Dorman---Severn, MD. Remember---these are true stories that we print here---! Only!

It all started when I was 13 years old and I had to do a book report for school. So I went to the library and found this book about radios. I thought it was about your local AM stations. For me to read a book is very hard. Well, later I began reading and I found out I was wrong about what I thought, but the book was so interesting that I finished it in 2 days. My teacher was amazed; there had been a book report done like that one was! So after that, I read many more books and got interested in SW radio, and one day my Father took me to Radio Shack, and to my surprise---he got me the Realistic DX-160! I was tickled to death! As time went by, I heard about TV-DX and that it was crazy. But I saw a lot of people do it, so I checked into it somemore. I found an article on TV-DXing in a magazine and it told about a club---(WTFDA) So I joined. When they sent me the membership list I wrote to a man named Don Blevins. He wrote back with his phone number, so I called him, and asked---how could anyone possibly DX TV....? He explained it and you know it made sense---! Then one night, he called me and told me---DX was in! So I turned on the TV, and to my surprise there it was---my first catch---WTAJ-29 in Philadelphia! It may not be much---but it was okay for me. I'm 14 now, and thats how I got started.

73's-----Randy

Well, how did you like it? When I was 14 I was playing baseball & chasing girls---ah yes! Also I was living in the same Philly at that age for $\frac{1}{2}$ year. It's a good story, Randy! And thank you for sending it---! I hope you get your antenna problem straighted out.

Who will next? I guess you will just have wait and see! Check it out in our next issue!

"CPs"- Yes, there were some AM radio stations in Canada that had 100,000 wts of power back in the old days. And CP does not stand for City Police---(S.W. Pa.)

Well, as we say here in the streets, "ain't nothing happing, baby!" No E-skip to report today, maybe tomorrow. Lets hope! So I'll close this out. Hope to hear from all of you--so send them there stories to me---now! And things could always be worse.... (smile)!

Best of DXing-----73s-----

Paul

NEXT MONTH in the VHF-UHF DIGEST

the official publication of
the Worldwide TV-FM DX Association

STACKING TV ANTENNAS:
A Complete Report

First in a Series on
TV SIGNAL ACCESSORIES

THE "NEW" V-U DIGEST:
Members' Comments

Pete Oprisko Updates On
THE SONY ST-5130 TUNER

publishers' notes...

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

(continued from page 2)

COLUMN NEWS...The editorship of WESTERN TV-DX will be transferred from Dennis Smith to Doug Everitt, effective with the September VUD. After July 10, send all reports to Doug at 1708 West Maine, Enid, OK 73701...As of this writing, no volunteers have stepped forward to assume the editorship of SOUTHERN FM-DX. As the 1976 DX season continues in full swing, it is essential that this vacancy be immediately filled. DXers in the column's report area (south of the Mason-Dixon line, east of the Mississippi) will be given first preference. Interested members should contact this writer (Clarke Ingram) at 5201 Colewood Drive, Pittsburgh PA, 15236, as soon as possible. Applications for TV Stats/Scoreboard and a new "nostalgia" column are still open...PS SPECTRUM is also up for grabs, as editor Terry Colgan has not answered our letters of inquiry. If you have an interest in, and access to, material concerning new VHF-UHF radio publications and products, and would like to edit this column, contact Clarke Ingram at the above address...Be looking for the return of ANARC REPORT in the future, co-produced by your editor and Pete Oprisko...Not appearing this month due to lack of contributions are FM CCI, FCC-TV NEWS, and INTERNATIONAL NOTES. Only you can correct that!

INSERTS...The third WTFDA MEMBER QUESTIONNAIRE is enclosed with this month's VUD. Please note that the card is postpaid and can be dropped in the nearest mailbox after completion. Additional comments can be mailed under separate cover and will be included in the survey results. Deadline for return of the questionnaires is August 1; results will be presented in the September VUD, along with a complete pictorial report of the WTFDA Convention...To avoid additional postage costs, the WTFDA REPRINT SERVICE CATALOGUE was not included with the June VUD. It is enclosed with this issue.

TV TOTALS...Since the TV Scoreboard has been dormant for months, we felt that you might be interested in the totals of top WTFDA members who have seen 400 or more TV stations, as reflected in their most recent reports. Here they are:

BOB SEYBOLD.....	701
BOB COOPER.....	655
BILL DRAEB.....	641
JIM GOULD.....	539
ROGER BROWN.....	462
DON RULAND.....	410

Prominent FM DXers' totals will soon be appearing in the new FM Scoreboard. If you haven't yet sent in your totals, editor Andy Bolin welcomes them at 709 Lincoln Avenue, Charleston, IL 61920.

FOR THE RECORD...the first four pages of last month's article by Bob Cooper were typed by John Zondlo, while the final page, which was submitted by Pete Oprisko, was retyped by Clarke Ingram...hi!

My personal thanks to Pittsburgh DXer Tim O'Malley for all of his assistance during my first six months as VUD editor-in-chief.

73, Clarke Ingram for Pete Oprisko, John Zondlo, and Mike Hogan

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WORLDWIDE TV-FM DX ASSOCIATION



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The WTFDA is governed by a five-man board of directors, now composed of Bruce Elving, Morrie Goldman, Dave Janowiak, Gary Olson, and Don Ruland.

VUD EDITOR: Clarke Ingram
 PUBLISHERS: Peter Oprisko
 John Zondlo

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