

# VHF-UHF DIGEST

REPRINT SERVICE

IT'S  
HERE!

SEE  
PAGE

2

ALSO—  
**TROPO  
IN  
DEPTH**

The Official Publication of the  
**WORLDWIDE TV-FM DX ASSOCIATION**

**JUNE 1976**



# **publishers' notes...**

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

## **THE W T F D A ARTICLE REPRINT SERVICE IS NOW IN OPERATION!!**

With the blessings of Headquarters, and through the diligence of your editor, the WTFDA Reprint Service has been instituted. Beginning immediately, WTFDA members will have access to over 180 pages of technical and informative material which has appeared in the VHF-UHF Digest over the past four years. At the present time, only those articles appearing in offset printed VUDs (May 1972 to present) are included; however, a complete set of mimeographed VUDs will soon be used to catalogue articles which were published from 1968 to early 1972.

Although the reprinting of articles will be handled by your VUD editor, please send all orders to WTFDA HQ at the above address. A complete article catalogue is included in this VUD (center of magazine); if it should be missing, write to Headquarters for a copy of the publication, which includes prices and full info on ordering. My thanks to all who helped promote this project.

**BITS...**Pete Oprisko, author of the April article on the ST-5130 FM tuner, informs us that Sony has since discontinued the model. Pete is attempting to make arrangements to have the \$260 tuner available for those who may wish to purchase it at the 1976 Convention; where, incidentally, a speaker from Sony is scheduled!

...**ANDY BOLIN** (709 Lincoln Avenue, Charleston IL 61920) is the new FM Scoreboard editor; members are requested to send totals to him for the column, which will appear once each three months. **GLENN HAUSER**, now in TN, will continue with FM DX Statistics.

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

## **TABLE OF CONTENTS**

WTFDA MAILBOX: New Members, AMARC Convention Info.....	3
FCC-TV NEWS: More On WNED Translators.....	4
FCC-FM NEWS: Some Stations Not "On The Air And DX Ready".....	5
CANADIAN NEWS: AM Satellites on FM.....	8
NORTHERN FM-DX: Oprisko Catches A "Rare Bird".....	9
WESTERN FM-DX: Several Semi-Local Perturb Pat.....	11
VHF UTILITY DX: Where Is KSV 965, 35.22, Tone Pager?.....	12
BOB'S TEK-NOTES: Tropo In Depth, Plus DX Predictions.....	14
PHOTO-NEWS: A Comparison And Contrast Column.....	19
EASTERN TV-DX: E-Skip Entices Easterners Early!.....	23
CENTRAL TV-DX: Draeb Hits 639; A Page from Paul.....	26
WESTERN TV-DX: Diligently, Dennis Delivers Details.....	29
7 FEET OF TV-DX: Advent VideoBeam Projection Television.....	32
INTERNATIONAL NOTES: Iceland Is Interesting Indeed.....	34
TV QSL CORNER: Contributors---At Long Last!.....	35
FM QSL CORNER: A Single Supporter? Seems Simply Sickening.....	36
TV CCI: Regional Television Networks---Part One.....	37
FM CCI: FM DXing Atop Cadillac (Mountain, That Is).....	38
REPORT: Club Conference Could Cap Chicago Convention.....	39
THIS IS YOUR DX: No Copy, No Contributors, No Column (Almost)...	39
PLUS: Featurettes on "ABC Goes ASCAP," TV and FM in HAITI (where?), VUD Boxers...and a new back cover, hi!	



# WTFDA MAILBOX

John Zondlo  
6617 Maryland  
Hammond, IN 46323

Greetings. Looks like it's either feast or famine as far as Mailbag goes these days, at least numbers-wise. Here goes.....

Bill Block	133 S.E. 31st St.	Portland, OR 97214
Carl Brown	1200 Moore St.	Huntingdon, PA 16652
Chris A. Corso	78 McAdam Ave.	Toronto, ON M6A 1S7
Robert Heckenlively	Box 281	Yankton, SD 57078
David Leibold	Box 279	Blythe, ON NOM 1H0
Helen C. McIver	1432 Burton St.	San Diego, CA 92111

New member BILL BLOCK is also a member of IRCA and NRC.

CARL BROWN's DX interests include SW, TV, and the public service bands. His gear includes 5 scanners and 2 G.E. TVs. He's also a member of NNRG.

Primarily a SW DXer, ROBERT HECKENLIVELY also lists NASWA and SPEEDX as clubs that he belongs to. He DXes TV with a Magnavox portable.

The TV DX equipment of DAVID LIEBOLD includes a Channel Master antenna system and a Philips TV.

Rejoin: Bill Migley-210 S. Maple St.-Lancaster, OH 43130

Renew: Gregg Calkin, Mike Dorner, Roger Horie, Dr. Winfield Massie, Steve Rich, Robert Zent.

New Address: Glenn Hauser-WUCT-Univ. of TN-232 C & E Bldg.-Knoxville, TN 37916

Tidbits.....

Mike Dorner (1409 Hymelia Ave.-Metairie, LA 70003) is interested in buying old North American Radio-TV Logs, as put out by WTFDAer Vane Jones. Mike is looking for editions 1-4, 8, and 9. Drop him a not stating condition and price.

The 1976 ANARC Convention will be held July 23-25 at the Holiday Inn, 9901 S. La Cienega Blvd., Los Angeles. Room rates will be \$18/night for a single room, and \$24/night for a double. Registration fee is \$14.50 with the banquet, and \$10 if you choose not to attend the banquet. According to the convention hosts, the tentative schedule features: "Prominent speakers in both DXing and professional radio broadcasting.....tours of local sites such as APRTS Taping facility, LA airport TRACON Computerized Air Traffic Control, Coast Guard radio facility.....large equipment display features all types of receivers and accessories.....HAP auction.....and more. For more info, write: ANARC 1976-P.O. Box E-Elsinore, CA 92330.

And that's the ball game, sports fans. Keep those cards and letters coming in (a little faster, tho, please, hi).....

## abc GOES ASCAP

The NBC television network scored a big hit in the Top 40 last year with the release of Mike Post's Rockford Files. Now, perhaps inspired by the success of that venture, ABC has entered the theme-release racket with a vengeance. Through the first five months of 1976, the theme music from such programs as Baretta, Happy Days, S.W.A.T., and Welcome Back Kotter has been released on 45 RPM records. The latter two are already Number One million-sellers, and the former two seem destined to follow that route also. Supposedly in the works: copies of themes from Laverne and Shirley and The Rookies. CBS also is rumored to be gearing up for the release of music from The Blue Knight, One Day At A Time and other assorted programs. Where will this trend end? Probably with the release of game-show music from The Price Is Right, if we are not all too ill from constantly hearing TV music on our radios! CWI



# FCC TV NEWS AND DATA

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

June 1976

### CP's Granted:

\*Rock Hill, SC (30) 680kw 1289AAT  
\*Martin, SD (8) 316kw 1170AAT

### TV Applications:

Columbus, OH (28) 1916kw 994AAT  
Phoenix, AZ (33) 589kw 1800AAT  
\*Atlanta, GA (57) 1420kw 638AAT  
Winston-Salem, NC (45) 1607kw 495AAT

### CP's Deleted:

\*KIXV St. Cloud, MN (25)  
WCTF-TV Cleveland, OH (19)

### Call Letters Granted:

WDTN Dayton, OH was WLWD  
KGOF Anaheim, CA (new)  
WSED Sault Sainte Marie, MI  
KGMETV Maui, HI was KMAU-TV  
KVIA-TV El Paso, TX was KELP-TV

### Translators Granted

W61AE Newport, VT WEZF-22  
K041G Kiana, AK KYUK-4 10w  
W67AH Hiawassee, GA WTCG-17 100w  
K10JO Quinter, KS KLNE-3 5w  
W64AH Butler, KY WKON-52 100w  
K12KJ Allagash, ME WAGM 1w  
K12KK Trenton, NE KPNE 1w  
K07NV Hanna, UT KCPX 1w  
K09MQ Hanna, UT KUTV-2 1w  
K11ND Hanna, UT KSL-5 1w  
K13NY Allen Camp, WA CBUT-2 1w  
K60AV Stemilt, WA KREM-2  
K63AO Stemilt, WA KXLY-4  
K65AU Stemilt, WA KHQ-6  
K67AW Stemilt, WA KSPS-7  
K69BF Stemilt, WA KAPP-35  
K11NE Hoopa, CA was channel 12  
K09MS Hoopa Valley, CA KEET-7 5w  
K09MR Gateway, CO KREY-5  
K68AW Weeksville, MT KGVO  
K68AV Blair, NE KUON-12  
K66AR Decatur, NE KXNE-19  
K55BF Babbitt, NE  
K07NW Goldfield, NV KCRL-4  
K67AX Alamogordo, NM KRWG-22  
K06AL Oteen, NC WLOS-13  
K69BG Long Valley Junction, UT KUED-7  
K03EJ Malo, WA KSPS-7  
K13NZ Shoshoni, WY KTW0-2  
K67AY Bird Point, AK KAKM 10w  
K041K Noorvik, AK KYUK-4  
K63AP Daggett, CA KTLA-5 100w  
K65AV Daggett, CA KHJ-9 100w  
K67AZ Daggett, CA KTTV-11 100w  
K03EK Newberry, CA KTLA-5 10w  
K061Q Newberry, CA KHJ-9 10w  
K65AW San Martin, CA KTEH-54  
K63AQ Sweetgrass, MT CJOC  
K041Z Indian Springs, NV KLAS-8 1w  
K09MT Indian Springs, NV KVVU-5 1w  
K11NG Silver Peak, NV KCRL-4 1w

### Translators Granted: (con't.)

K09MT Indian Springs, NV KVVU-5 1w  
K11NG Silver Peak, NV KCRL-4 1w  
K11NF Hanna, WY KMGH-7 1w  
K130B Hanna, WY KBTV-9 1w

Translator Note: The FCC has granted a request by Washoe Empire Co. for temporary authority to construct a new 100 watt translator on channel 10. It will replace KEK0-10 which was destroyed on December 23, 1975 by fire. Company does not yet know if they will return KEK0-TV to the air. Elko, Nevada.

### FROM THE READERS:

KQED-9 in San Francisco plans to return to the air KQEC-32 on January 2, 1977. KQEC-32 will operate initially from 6 to 10 p.m. ...New PTV channel 18 in Fresno will not be on for some time--still trying to raise enough funds to match federal grant...KFSN-30 still trying to decide if they want to switch to channel 34 or stay on channel 30 and move transmitter...KSCI-18 in San Bernardino, CA may be on by July--will have 3.3 million watts...WAOW-9 has increased antenna height resulting in increased coverage area...WFCB-45 in Miami has been sold by Christian Broadcasting Corporation to another religious organization...WBTV-68 is seeking new call letters...Several WNED-17 translators in Chautauqua County, New York are now able to break away from WNED for local programming--some coming live from studios at the State University College in Fredonia, channels advertised in TV Guide are 26, 46, 56, 60, 62, and 64...W26AA in Jamestown, NY uses the old WNYF-26 tower to rebroadcast WNED...In Hampton, VA WHRO-15 now claims a power of 5 million watts...WNED-17 plans at some time in the future to provide a second PTV service on channel 23...Buffalo VHF's have slowed somewhat on plan to jam their signals in direction of Toronto due to CRTC plan to allow Canadian CATV's to omit U.S. commercials in favor of local ones--stations now plan to negotiate with CRTC...Local WNED translators mentioned above ID with ID slide that shows hilly terrain around Dunkirk with "WAQ-310, Chautauqua County BOCES translator system." WAQ-310 is the call sign of the microwave unit that relays the programming from the W46AB translator in Brocton...A Corvallis, OR man has received a 5-year term for sabotaging the KVDO-3 tower in Salem as it was being switched from commercial to public TV use--station was on the air 3 days as an OEPBS station...Thanks to Ken Simon, Bill Thompson, Frank Aden, Mike Schoenfuss, and Jim Pizzi.

# FCC FM NEWS

Bruce F. Elving, Editor  
18 1/2 East Fifth Street  
Duluth MN 55805

I loosened my purse-strings and called several of the new FM stations listed as on the air and DX ready to ascertain their program formats, etc. To my horror I discovered a few of these stations are not yet on the air. They possess program test authority from the FCC to go on the air but for various reasons may not yet be on the air (but probably soon will be on). Here are the results of my phone survey:

AZ Casa Grande KBFE 105.5, Stereo, m, 6 am to midnight, no network. FL Cape Coral WRCC 103.9, \$, m, AP Audio, on 24 hours except Monday mornings. GA Hazlehurst WVOH-FM 93.5 no stereo, m, on air sunup to midnight. IL Beardstown WRMS-FM 94.3, \$, m, Y, on 6 a.m. to 10 p.m. local time. IN Fort Wayne WXKE 103.9, \$, m, NBC, 24 hours except Monday mornings. IN Huntingburg WBDC 100.9, \$, km, 6 am to 10 pm; no network. ME Rumford WRUM-FM 96.3, mono, rock, CBS, on 5:30 am to midnight (I even heard an i.d. for this station and an intro into the CBS news over the phone). MO Portageville KMIS-FM 106.3, \$, kg (g 6 am to 10 am in stereo; mono k simulcast 10 am to 10 pm). MT Helena KCAP-FM 103.1 \$, k, CBS, on 6 am to midnight. NH Plymouth WPNH-FM 100.1 mr, no \$, S (AP Audio), on am 6:30 to 11 p.m. NJ Avalon WVOC 94.3, \$, m, AP Audio, 24 hours/seven days per week. OH Georgetown WURD 97.7 k, mono, E, 6 am to midnight. OH Toledo WGTE-FM 91.3\$, cj, P, 6:30 am to "1 or 2 am." OK Duncan KRHD-FM 102.3\$, k, UPI Audio and I (ABC Information). PA Freeland WACM 103.1, \$, k, 24 hours (off Monday mornings). TN Dayton WNFM 104.9 not yet on air, awaiting automation equipment, but will be mr, Mutual, no \$, 5 am to 11 pm. TX Beeville KJDF 104.9 variety (m, c, r, talk), Mutual, no \$; on 6 am to midnight (when I called they were doing a live play-by-play with the announcer having more time to talk than I had money!). VT Brattleboro WISA-FM 96.7, \$, m, UPI Audio, on 6 am to midnight. They told me WKVT-FM 92.7, also in Brattleboro, is not yet on the air and "no sign of construction." VT Middlebury WCVM 100.9, r oldies, automated, no \$. VT Stowe WRFB 101.7, \$, m (some c, r). WY Jackson WMTN 96.9, \$, m. WY Lander KDLY 97.5, \$, rm, CBS, on 6 am to midnight. No answer on several tries, so assumed not yet on the air: MS McComb WTBI (601-684-9852) and TX Victoria KCWM (512-573-9171). May this help you as the DX comes in!

## New Stations Granted

CO Rifle K276AI 103.1 \$, m [KREX-FM 92.3 Grand Junction CO translator]  
FL Ocala 92.7 3000 h,v; 193' 12, 40 mi  
FL Pensacola 107.3 100000 h,v; 367' 33,76  
GA Blairsville W285AC 104.9, k [WPPH 103.9 Blue Ridge GA]  
IL Belleville \*89.7 10 watts  
IN Bloomington 96.7 3000; 300'  
IA Clarinda 106.3\$ 3000 h,v; 300'  
LA Shreveport 100.1 3000 h,v; 281', 15, 45 miles  
MI Escanaba 97.1 89800 watts horizontal; 1066', 45, 91 miles. [27 miles  
MI Grand Rapids \*88.9 300 h,v; 202' 7/  
MN Fairmont 106.5 50000 h,v; 435'  
NE Seward 96.9 100000 h,v; 610' 39,83 mi  
NC K249AE 97.7\$, m [KOB-FM 93.3 Albuquerque] 1 w, 12<sup>0</sup> and 52<sup>0</sup>, DA.  
NC New Bern 101.9 100000 h,v 760', m  
OH Ironton W237AB 95.3\$, g [WEMM 107.9 Huntington WV] [82 miles  
SC Rock Hill \*88.9 100000 h,v; 595' 38/  
TN Saddy-Daisy 102.3 3000 h,v; 286'  
TX Palestine 98.3 3000 h,v; 300', g  
TX Sonora 92.1 3000 h,v; 28', Spanish, 8, 29 kilometers. UT Orderville 94.3 K232AF, \$, m [KALL-FM 94.1 Salt Lake City]  
VA Rappahannock 107.1 km 3000; 300' 15,46mi  
WI Rhinelander W288AF\$, g [WIBB Ladiesmith WI 103.7] U, 1w, 30' DA.  
WY Jeffrey City K285AG 104.9, \$, m, CBS [KDLY 97.5 Lander WY translator] 1w, 450.

## On Air/DX Ready? (See above)

AZ Casa Grande KBFE 105.5 3000 h,v; 70'  
CA Turlock KBDE \*90.9 10w  
GA Gordon WKOG-FM 107.1 3000 h,v; 98', 8, 32 mi; no answer when I tried to call.  
IN Fort Wayne WXKE 103.9 3000 h,v; 250'  
KY Providence WHRZ 97.7 3000 h,v; 300'  
MA Salem WNNW \*91.7 10  
MA Sandwich WSDH \*91.7 10  
MA Wellesley WZLY \*91.5 10  
MN Grand Rapids KAXE \*91.7 100000 h,v; 460', \$, P, 6 am to midnight.  
MN Sauk Centre KMSR 94.3 3000 h,v; 300', mk, Mutual, no \$. On 5:40 am to 11 pm.  
MO Cape Girardeau KRCC \*90.9 10  
NJ Avalon WWOC 94.3 3000 h,v; 300'  
NJ Piscataway WVPJ \*90.3, 10 w # WHPH Highland Park NJ (calls too).  
OH Cincinnati WJVS \*88.3 175 h,v; 100' #  
WAIF 88.3 Cincinnati  
OH Georgetown WURD 97.7 3000 h,v; 300'  
OH Toledo WGTE-FM \*91.3 and power to 30,000 h,v; 570', 30, 70 miles.  
PA Freeland WACM 103.1 410 h,v; 680'  
PA Williamsport WRLC \*91.7 10; noon-Mid.  
TN Dayton WNFM 104.9 3000; 198' (see above)  
TN Memphis WEVL \*90.3 10  
TN Nashville WZEZ 92.9\$ 100000 h,v; 1140'  
TX Gatesville KMCS-FM \*98.3 3000 h,v; 300' (no answer—may not be on the air yet)  
TX Sweetwater KXOX-FM 96.7 2600 h,v, 58', 10, 42 km (calls, too)

TX Victoria KCWM 95.1 5700 h,v; 450' rm, but see above.

VT Stowe WRFB 101.7 45w h,v; 2275', 15, 48 miles. [Selected:  
**On air with new facilities**  
AL Gadsden WEN 103.7 100000 h,v; 1080'DA.  
FL Coral Gables WYOR 105.1 600' (160000h)  
IN South Bend WJWJ 101.5 9400 h,v; 970'  
KY Fort Campbell WABD-FM 107.9 80000 h,v, 230'. LA Hammond WTGI 103.3 100000 h,v; 515'. MA Taunton WRLM 93.3 50000h;340'. MI East Lansing WFMK 99.1 28000h; 600'  
NY Rochester WFOZ 101.3 27000 h,v; 640'  
NC Greensboro WRQK 98.7 100000 h,v; 400'  
NC High Point WELD-FM 100.3 100000 h,v; 370'. NM Las Cruces KGRD-FM \*103.9 2200 h,v; 150'. TN Chattanooga WDDO-FM 96.5 100000 h,v; 1080'; 46, 92 miles  
TX Temple KPLE (not KYLE as erroneously given in a variety of sources) 104.9 2900 h,v; 300'  
VA Staunton WSGM 93.5 2100 h,v; 350'

**Dual-City identifications**  
FL St. Petersburg WOYK-FM 99.5 adds Tampa  
TX Sinton KMIO 101.3 adds Taft TX

## Stereo stations

AL Decatur WEGM \*91.7; CO Pueblo KDQJ 97.9, r; FL Lakeland WCIE \*91.3 heard testing with g; 50000 h,v; 330'. ID Boise KBOI-FM, now m only, CBS axed.

FCC-FM

IL Clinton **WHOW-FM** 95.9 mk  
 IL East Moline **WEMO** 101.3, m  
 IN Bedford **WBIF** believed to be in \$  
 MN Red Wing **KCUE-FM**, km TN Red Bank  
 ME Westbrook **WRGN** 100.9 **WSIM** 94.3, rm  
 OH Johnstown **WWJL** 103.1 TX Midland  
 OR Eugene **KWAX** \*91.1 **KMWJ** 103.3  
 OR Portland **KBOO** \*90.7  
 VA Richlands **WGTH** 105.5

SCA (67 kHz) News

CA Cathedral City **KWXY-FM** 98.5 adds SCA  
 CA San Bernardino **KQLH** 95.1 music  
 IL Chicago **WGCI** 107.5 Greek music and  
 talking (ethnic) relay  
 IL Crest Hill **WCCQ** 98.3 talk (program/  
 IA Dubuque **KIWI** 105.3 farm news  
 KY Louisville **WLRS** 102.3 drops SCA  
 MA Medford **WWEL-FM** 107.9 Q(Physicians  
 Radio Network). MI Cheboygan **WCZY-FM**  
 105.1 talk (program relay; ABC network?)  
 MS Aberdeen **WHAY** 105.5 music  
 ND Bismarck **KODY** 94.5 Muzak  
 OH Akron **WAUP** \*88.1 adds SCA  
 OR Lake Oswego **KQIV** 106.7 Q (PRN)  
 PA Greensburg **WKUJ** 107.1 talking book  
 Pittsburgh **WDOU** \*90.5 adds SCA [ual]  
 TX Amarillo **KWAS** 101.9 teleprinter (vis-/  
 UT Provo **KFMC** 96.1 adds SCA  
 WI Tomah **WTMG-FM** 98.9 farm

Formats/Networks

AL Birmingham **WBHM** \*90.3 c  
 AL Ozark **WAYD-FM** 103.9 k  
 AZ Glendale **KXTC** 92.3 j (from m)  
 AZ Sun City **KWAO** 106.3 m  
 AZ Tucson **KUAT-FM** \*90.5 PI  
 CA Santa Rosa **KVRE-FM** 101.7 k [Mutual  
 CA Thousand Oaks and K296AJ 107.1 Simi /  
 CO Colorado Springs **KSPZ** 92.9 rm, \$  
 CO Denver **KOQA** 103.3 c (from N)

KLZ-FM 106.7 no longer CBS  
 CO Pueblo **KPUB-FM** 99.9 k; **KZLQ** 100.7 r, \$  
 FL Jacksonville **WJAX-FM** 95.1 dropped by  
 NBC. GA La Grange **WLAG-FM** 104.1 m (was  
 k); no Mutual heard on it any more.  
 IL Chicago **WVRT** 93.1 p-rock (no more ethnic;  
 WVVX-FM 103.1 Highland Park adds  
 weekend ethnic to its p schedule.  
 IL Harrisburg **WEBQ-FM** 99.9 NBC (was U)  
 IL Pekin **WZRO** 104.9 k (from r)  
 IN Fort Wayne **WCWX** 101.7 gk or kg.  
 IN Jasper **WITZ-FM** 104.7 rm (from r only)  
 IN New Albany **WNAS** \*88.1 m days; r nites.  
 IN North Vernon **WDCM-FM** 106.1 believed to  
 be all m now (from kr).  
 KY Hardinsburg **WHIC-FM** 94.3 rm  
 KY London **WFTG-FM** 103.9 mk  
 KY Louisville **WFPL** \*89.3 all t, P  
 KY Morehead **WKYK** \*90.3 rs (not rc)  
 KY St. Matthews **WSTM** 103.1 rj (from mr)  
 MI Lansing **WILS-FM** 101.7 r (from kr)  
 MN Minneapolis **WCCO-FM** 102.9 Y (from A)  
 MS Clarksdale **WJVI** 101.7 k (from m)  
 MS Starkville **WSMU** 106.3 k (from rk)  
 MO Jefferson City **KJFF** 106.9 k (from r)  
 NH Peterborough **WSLE** 92.1 NIS; drops \$, n  
 NJ Franklin **WSUS** 102.3 k (from kr)

NJ Ship Bottom **WJRZ** 100.1 rm  
 NY De Pew **WBLK** 93.7 sg; NY Jamestown  
**WHUG** 101.7 NBC (from ABCFM). NY Roch-  
 ester **WPXY** 97.9 CES (from NBC)  
 NY Troy **WFLY** 92.3 r (frca: ca)  
 NC Black Mountain **WMIT** 106.9 mg  
 NC Hickory **WHKY-FM** 102.9 gr  
 NC High Point **WGLO-FM** 100.3 m (from k)  
 NC Morganton **WMNC-FM** 92.1 NBC  
 NC Statesville **WDBM-FM** 96.9 r (from k)  
 NC Greensboro **98.7 WRCK** believed to be  
 all rock (from rk)  
 OH Athens **WXTQ** 105.5 NBC (was UM)  
 OH Bowling Green **WBGU** \*88.1 rj (from c)  
 OH Eaton **WJAI** 92.9 m (no \$)  
 OH Portsmouth **WPAY-FM** 104.1 kg  
 OH Toledo **WTOT** 104.7 p (still no PRN on  
 SCA, but PRN expected; hold your breath!)  
 OK Oklahoma City **KJAK** 100.5 k (from m)  
 PA Beaver Falls **WWSK** 106.7 rm (from m)  
 SD Sioux Falls **KAUR** \*89.1 p, \$ (10 w)  
 TN Chattanooga **WDEF-FM** 92.3 k (from m)  
 TN Franklin **WIZO-FM** 100.1 r (from m)  
 TN Nashville **WSM-FM** 95.5 soft r (from m)  
 TX Amarillo **KDJW-FM** 94.1 r (from k)  
 TX Dallas **KAFM** 92.5 rk  
 TX Edinburg **KBFM** 104.1 r (from m)  
 TX San Antonio **KITY** 92.9 rm (from m)  
 VA Richmond **WTVR-FM** 98.1 k (from m)  
 VA Roanoke **WLRG** 92.3 E (from A)  
 WA Bellingham **KERI** 104.3 r (from k)  
 WA Spokane **KREM-FM** 92.9 p  
 WI Green Bay **WGBW** \*91.5 rm

Changes in Facilities

AL Auburn **WEGL** \*91.1 205' (380w) 8, 29mi  
 AL Birmingham **WVOK-FM** 99.5 100000h, 50-  
 000 vertical; 810'; 42, 87 miles  
 AZ Globe **KIKO-FM** 100.3 15000 h, v; 3340'  
 CA Berkeley **KPFA** 94.1 adds v  
 CA St. Helena **KVYN** 99.3 2300 v(3000h,250'  
 CA San Diego **KLRO** 94.9 1900 h,v; 1850'  
 CA Sonora **KROG** 92.7 710 h, 560v, 560'  
 FL Cocoa Beach **WCKS** 101.1 adds v  
 FL Miami Beach **WINZ-FM** 94.9 100000 h,v;  
 600', 39, 83. On air with this power.  
 IL Chicago **WLAK** 93.9 back to 3000 h,v  
 (1532') until higher power boost o.k.'d  
 under treaty with Canada. This station  
 was actually on air with higher power  
 according to the new FCC curves but  
 apparently has been forced to cut back  
 (were 4610 h,v for a short time!)  
 IL Geneseo **WRSQ** 104.9 300' (3000 hv)  
 IL Peoria **WCBU** \*89.9 11500 h, v (260')  
 KY Elkhorn City **WECL** 103.1 100 h, v  
 1380'; 14, 45 miles  
 LA Jena **KJNA** 99.3 300' (3000 hv)  
 LA Natchitoches (pronounced "nack-oh-  
 deesh") **KDBH** 97.7 140' (3000 h,v)  
 NE Bangor **WPBC** 92.9 15000 h, v; 780'  
 NE Bath **WJTO-FM** from 95.3 to 105.9;  
 50000 h,v; 500' 33, 73 miles  
 MN Duluth **WAKX-FM** 98.9 100000 h,v; 600'  
 39, 83 miles.  
 MS Brookhaven **WMRO** 92.1 286' (3000 hv)

June, 1976

MO Buffalo **KBFL** \*90.3 3900 h,v (245').  
 MO Butler **KMOE** from 105.5 to 92.1  
 MT Bozeman **KGLT** to \*91.9 (from \*90.1)  
 2000 h,v; 185'; 10, 37 miles [kw]  
 NV Henderson **KXTZ** 94.1 add v; -120' (41/  
 NH Laconia **WLNH-FM** 98.3 3000 h,v; 300'  
 NM Clovis **KTQM-FM** \*99.9 100000 h,v(300')  
 NY Albany **WROR-FM** 95.5 9600 h,v (950')  
 NY Lancaster **WSMH** from 91.3 to 89.9'.  
 NC Fayetteville **WOSM** 98.1 99000 h,v;  
 480'; 56 km primary; 129 km secondary.  
 NC Warrenton \*90.9 **WVSP** (calls from  
 WMPJ); 50000 h,v; 500', 33, 73 miles  
 OH Youngstown **WHOT-FM** 101.1 125' (24500h)  
 OK Bartlesville **KYFM** 100.1 add v  
 SC Greenville **WCRS-FM** 96.7 1600 h,v; 390'  
 SC Columbia **WLHR** \*89.7 adds v

WLTR \*91.3 760' (100000 h,v)  
 SC Orangeburg **WDIX-FM** 106.7 47000 h,v;  
 280', reduces coverage to 26, 66 miles.  
 SD Sioux Falls **KPAT** 97.3 30000 h,v; 220',  
 21, 59 mi; believed operating at this  
 power and height after fall of former  
 tower over a year ago; now they want  
 these facilities permanently. [KXEL-FM  
 105.7 Waterloo IA, which also had a  
 tower fall in the same storm, now be-  
 lieved to be back at 100 kw h,v; 570'.]  
 TX Abilene **KFMN** from 99.3 to 107.9  
 100000 h,v; 285', 30, 74 miles  
 TX Austin \*88.7 adds vertical  
 TX Dallas **KCBI** \*89.3 1500 h,v; 660'  
 KKDA-FM 104.5 675' (100000 h,v)  
 TX Fort Worth **KPLX** 99.5 1680' (100000h,v)  
 TX Henderson **KGRI-FM** 100.1 adds vertical  
 TX Houston **KPFT** \*90.1 94000 h,v (440')  
 TX Laredo **KOYE** 94.9 810' (100000 hv)  
 TX Lubkin **KLUF-FM** 105.1 57000 h,v; 660'  
 VA Williamsburg **WGMN** from 89.1 to 90.7,  
 1776 h,v; 16'; 3, 15 miles  
 WI Eau Claire **WEAU-FM** 104.5 85000 h,v  
 (1800'); 55, 105 miles.  
 WI Highland **WHHI** \*91.3 100000 h,v; 560'  
 WI Kenosha **WLIP-FM** 95.1 330' (4500)  
 WI Wausau **WIFC** 95.5 98000 h,v (1030')  
 WY Gillette **KOLL-FM** \*93.5 adds v  
 PR Hormigueros **WBOZ** 92.1 2' (3000 h,v)  
 PR Mayaguez **WOYE** 94.1 -151' (18000 h)  
 VI Charlotte **AMalie** **WIBZ** 97.9 50000 h,v;  
 1440'; 46, 92 miles.

Call Letter Assignments

AL Butler 93.5 **WQGL**  
 AK Anchorage 103.9 **KKLV** (was KHAR-FM)  
 CA Barstow 94.3 **KWTC-FM**  
 CA Fresno 95.5 **KYNO-FM** (KPHD)  
 105.9 **KKDJ**  
 CO Fort Morgan 101.7 **KBRU** (KFTM-FM)  
 FL Jacksonville 102.9 **WIVY-FM** (WIVY-FM;  
 AM gets new calls!) [FM]  
 GA Warner Robins 101.7 **WRBN-FM** (WRBN-/  
 GA Waycross 102.5 **WLTE** (WAYX-FM)  
 ID Twin Falls 95.7 **KEZJ**  
 IN Goshen 92.7 **WZOW**  
 IA Cherokee 92.1 (may come on 102.3  
 initially) **KCHE-FM**

KS Newton 92.3 KOEJ (KJRG-FM) [(was r)	MI Marquette 95.7 WHWL (WOMJ-FM); g, \$,	PA York *88.1 WVYC
KY Richmond 101.7 WBZF (WGBR-FM) now k/	still Muzak SCA; no network	TX Fort Worth 93.9 KESS (KBUY-FM)
LA Crowley 102.9 KHIO	MN Morris 107.5 KMFS-FM	TN Shelbyville 102.9 WTCV (WHAL-FM)
MD Princess Anne 102.5 WOLC	MS Moss Point 104.9 WCIS-FM (WCIS-FM)	TX Lampasas 99.3 KLTD
MD Williamsport *90.5 WCRH (to 7500 h,v;	NC Kinston *90.5 WKNS	TX Tyler 93.1 KTYL (KZAK-FM)
27'; 6 mi primary; 24 mi secondary).	OH Belleaire *89.7 WBHR	WY Rock Springs 96.5 KQSW
MA Holyoke *89.5 WCCH	OK Tulsa 98.5 KCFQ (KBJH)	PR San Juan 105.7 WKVM-FM (WCAD-FM)
MI Manistee 97.7 WRRK (WNTF-FM)	PA Gettysburg *90.3 WZBT	

FCC-FM

June, 1976

A note concerning the 1976 FM Atlas: After a delay, the final manuscript has been completed and it will be printed at the same time the VUD you are now reading is being printed. Thus, it should be ready as of the date you read this. Now 112 pages and thoroughly updated, ready for use during the present DX season! Price \$2.95 mailed book rate (U.S.); \$3.50 mailed first class U. S. and Canada. Two or more copies mailed book rate \$2.25 each. Available from "FM Atlas, Adolph MN 55701" or from me at my home address, above. [This information corrects any previous information about the book, including pricing information.] (If you do not trust the mails, I expect to attend the WTFDA convention in Chicago and will have a supply of the books with me—if you want to wait until August to receive your copy.)

Effective immediately, I am receiving official FCC news releases from a private firm rather than from the FCC directly. The service is much better, and the information comes through with much less data missing. Formerly I had to write to the FCC for missing items, resulting in delays of much-needed information getting here.

Again, I get a plea from a reader who apparently objects to my including coverages in kilometers, "Please--let's think American--think miles (not km) when we list distances." I feel it is good to think in terms of metrics, and that America has been too long isolated from the rest of the world in not going to this far more logical system. What do you think? Should this column drop km and stick with miles? John Ebeling, a long-time SCA listener, writes some words of assurance, should Muzak sue me over SCA (April VUD):

Some thoughts on the possibility of Muzak bringing a lawsuit against you. If they do so for the "profit" you make on the FM Atlas, I am sure that if you kept accurate records of the actual time spent preparing each issue vs the amount you receive, I doubt that very much profit (if any) would be proven. You can almost say it is a labor of love! Besides, over the years, many magazines have produced schematics, etc. for SCA adapters, and the magazines have been sold for profit--profit from the SCA articles vs all the other articles was probably very small, but a profit none the less! If you ever need names of publications that have presented such articles in the past--let me know as I have copies of about 6 of them. I don't think they'll ever take any action against you. Another frequent correspondent is Tom Cornell, Kokomo IN, who

offers what I hope will be the last in the dialog with Alan Hobson about England's FM situation: Saw the rebuttal in Feb. VUD to my comments re BBC. Some of what Alan Hobson said I knew. I was aware of the license fee. Canada used to do that, too. Most of my listening was in Scotland (Glasgow) so I can't speak too much for the rest of the country. The BBC is, however, universal throughout Scotland and England with some local variations. The PCM microwave distributor system was under construction when I was there in 1973. Scotland had no stereo; they do now. This system is much superior to the AT&T microwave system here that the networks use. . . I did not encounter differences between AM and FM formats, but I'm certainly glad to know they exist. DXing in England would be quite frustrating because of the limited program sources and lack of call letters. . . I can see Alan's point about interesting DXing in the south of England owing to the proximity of Europe and all its variety. Would think that you'd need a smattering of continental languages to do too much, however. [Tom also reports WNIS 101.1 Chicago returns its stereo generator to the air once again, although programming (all news) is mono: "I presume that they want that pilot on because of signal-seeking sets that ignore mono stations."

WDET 101.9\*Detroit gets a reprieve from Wayne State U., and its formerly-reported budget difficulties appear to have been solved. New equipment is to be installed, but "it is not designed to increase WDET's range. . . Instead, the improvements will give listeners a stronger and 'a lot cleaner' sound." This new equipment should be installed by mid-June. KUPI 99.1 Idaho Falls ID is on the air, but the signal in Boise "is nothing compared to what it was with the old station, KGVM 99.1." A very interesting article on the present status of FM radio, "FM Radio is Hot," appeared in the May 1, 1976 Forbes, and it was sent by Nick Lombardi, Atlanta GA. It focuses on the increasingly high prices at which FM stations are being sold to new owners, and it mentions that Chrysler is planning to shift its car radio production to AM/FM receivers.

Writes ND's Fred McCormack: "I enjoyed reading your article on DXing the educational band. I find this band to be most interesting for DXing, but also most difficult due to the scarcity of ID's. In checking my totals, I find that currently 12.6% of my 760 FM loggings are in the educational band. I would also like to encourage you to continue to print SCA information even if the SCA is used for non-program. . . [If] the SCA is present, I think the fact warrants listing it."

Contributors to be listed next month. Good DX, and thanks for supporting this column!

TV APPLICATIONS

BARRIE, ONT ch. 55# 7 kw. Sat. OBLFT Toronto ch. 25  
 PENETANGUISENE, ONT ch. 34- 11.3 kw. " " "  
 ST. GEORGES DE BEAUCO, PQ CBVT-1 Pres: ch. 2 9.7 w. Prop: ch. 6 13.2 w.  
 DRIFTWOOD, ONT ch. 74- 10 w. (transmitter) Sat. OBFOT Timmins  
 STANLEY MISSION, SASK CH. '8 333 w. Sat. CBKST Saskatoon  
 CAMPBELL RIVER, BC OBUT-9 ch. 82 Pres: 5 w. (transmitter) Prop: 57.4 w. ERP  
 WOKAS LAKE, BC ch. 60 32.4 w. Sat. CBUT Vancouver  
 WOSS, BC CH. 12 155 w. " " "  
 PORT HARDY, BC ch. 6 29.2 w. " " "  
 PETERS RIVER, NFLD ch. 13 8.69 w. Sat. CJAP-TV Argentia  
 ASBESTOS HILL, PQ ch. 11 10.5 w. Sat. CBC FR via ANIK --Also ch. 13 CBC ENG  
 BAIE JAMES, PQ ch. 4 231 w. Sat. CBC FR & NORTHERN SERVICE via ANIK Sat.

FM APPLICATIONS

OTTAWA, ONT 106.1 MHz 73 kw. & SOMO --Also 2 Appl. for 100 kw. (Eng. lang)  
 CORNWALL, ONT QJSS-FM 104.5 MHz Pres: 850 w. Prop: 9.5 kw. (new site)  
 TIMMINS, ONT CKGB-FM Pres: 94.5 MHz 425 w. Prop: 92.1 MHz 17.22 kw.  
 POVUNGITUK, PQ 99.9 MHz 28.9 w. (Eng, Fr, & Inuit languages)  
 MONTREAL, PQ 98.5 MHz 100 kw. & SOMO (Eng. Language)  
 MONTREAL, PQ 93.5 MHz 100 kw. & SOMO (Fr. Language)  
 LONDON, ONT 93.5 MHz 100 kw. & SOMO  
 LONDON, ONT 99.3 MHz 3 kw.  
 LONDON, ONT 99.3 MHz 22.5 kw. Sat. CJBC-AM Toronto (CBC FR AM net)  
 LONDON, ONT 93.5 MHz 100 kw. Sat. CBL-AM Toronto (CBC ENG AM) & part-time CBL-FM  
 WINGHAM, ONT 101.7 MHz 22 kw. by OKNX  
 CHATHAM, ONT 95.1 MHz 35.5 kw. Sat. CBE-AM Windsor (CBC ENG AM net)  
 SARNIA, ONT 103.9 MHz 3 kw. Sat. CBEF-AM Windsor (CBC FR AM net)  
 SARNIA, ONT 106.3 MHz 50 kw. Sat. CBC ENG AM net  
 BROOKVILLE, ONT 102.1 MHz 3 kw. Sat. CJBC-AM Toronto (CBC FR AM net)  
 PENETANGUISENE, ONT 96.5 MHz 15.3 kw. " " "  
 PETERBOROUGH, ONT 106.3 MHz 31 kw. " " "  
 BROOKVILLE, ONT 100.3 MHz 100 kw. Sat. CBL-AM Toronto (CBC ENG AM) & part-time CBL-FM  
 COBourg, ONT 103.1 MHz 100 kw. Sat. CBL-AM Toronto (CBC ENG AM net)  
 ORILLIA, ONT 105.9 MHz 8.64 kw. " " "  
 PENETANGUISENE, ONT 107.5 MHz 15.3 kw. " " "  
 COBourg, ONT 103.1 MHz 117 kw. by OHUG  
 PETERBOROUGH, ONT 105.1 MHz 50 kw. by CKPT  
 BARRIE, ONT 93.1 MHz 2 applications for 100 kw.  
 GRAVENHURST, ONT 98.7 MHz 100 kw. by OFTR Toronto  
 STANLEY MISSION, SASK 95.5 MHz 216 w. Sat. CBK Regina (CBC ENG AM net)  
 PINEHOUSE LAKE, SASK 94.1 MHz 85.5 w. " " "  
 CANMORE, ALTA 97.9 MHz 70 w. Sat. CBR Calgary " "  
 PINCHER CREEK, ALTA 97.5 MHz 43.7 w. " " "  
 EXSHAW, ALTA 100.7 MHz 138 w. " " "  
 HESPE, BC 101.7 MHz 136 w. Sat. CBU Vancouver " "  
 ALERT BAY, BC 105.1 MHz 77 w. " " "  
 WOSS, BC 92.9 MHz 125 w. " " "  
 VANDERHOOF, BC 96.7 MHz 118 w. " " "  
 LYTTON, BC 106.1 MHz 4.8 w. OFFR Prince Rupert " "  
 MONTREAL, PQ C1NQ-FM 99.3 MHz Pres: 7.2 w. Prop: 36 w. Sat. CFFM-FM Kamloops  
 JOLIETTE, PQ 103.1 MHz 4 kw. (Fr. language)  
 TROIS RIVIERES, PQ 93.9 MHz 28.8 kw. " " "  
 BAIE JAMES, PQ 100.5 MHz 116 w. " " "  
 FERMONT, PQ 97.9 MHz 8.3 w. (Eng. language)  
 ROUYEN-NORANDA, PQ 96.5 MHz 51 kw. Sat. CBF-AM Montreal (CBC FR AM net)  
 LITHIUM MINES, PQ 97.3 MHz 52 kw. Sat. proposed above at Rouyn  
 TORONTO, ONT OBL-FM 94.1 MHz To carry OBL-AM on SOMO as feed to stn. at Orillia  
 WINDSOR, ONT OKLW-FM applies to delete SOMO  
 QUEBEC OBV-FM & MONTREAL OBF-FM to use SOMO as emergency feed for AM counterparts



# NORTHERN FM -DX

Fred Nordquist  
302 Sandra Lane  
N. Syracuse, NY 13212  
Tel 315-458-2365  
Deadline: 10th

JUNE 1976

Tropo activity is picking up with the onset of warmer weather. No Es was reported reaching the FM Band during this reporting period. Some Aurora was noted - with an especially good opening noted on 5/2 - 5/3. Please note that my address will change effective July 1st. After that date send all reports to: 7945 Boxford Road, Clay, NY 13041. Now to the reports:

Harry J. Hayes, Star Route, Box 226c, Gouldsboro, PA. 18424 (EDT.) Aft. 4/25

Zenith Trans-Oceanic w/whip. Masterwork stereo w/RCA rabbit ears. August like wx here around Easter time produced some tropo to the Atlantic coast area, and also in this reporting period another aurora opening noted, this one the third of the year.

- 4/4 Tr 0235 WDMT-107.9 Cleveland OH. Ending wx, into MoR. (310 mi.)  
4/17 Tr 0235 WRW-107.1 Briarcliff Manor, N.Y. In and out, fair. (105)  
0300 WOUR-96.9 Utica, NY. weak w/progressive RR. Tent. (135)  
4/18 Tr 0045 WHCN-105.9 Hartford CT. Good sig. (160)  
0055 WDRG-102.9 Hartford CT. wx.  
4/21 Tr 2030 WFFG-96.9 Atlantic City, NJ. EL WX. (145)  
2300 WKTU-92.3 New York, NY. for call change, WHOM (105)  
2315 WHCN-105.9 Hartford, CT. (160)  
4/22 Tr 0100 WCTO-94.3 Smithtown, NY. (130) "WCIO \$, where the Big Difference is the MX."  
0118 WBAB-102.3 Babylon NY. RR, woman DJ. (125)  
4/24 Gw 0136 WPSI-89.1 Lehman PA. fair w/RR, this goes 24 hrs. w/10 watts (24)  
Tr 0200 WIOK-98.3 Hempstead NY. Poor w/EL. (120)  
4/25 Tr 0040 WBJH-101.5 Trenton NJ. N. IS, WBUD/WBJH ID. (80)  
0115 WJLK-94.3 Asbury Park NJ. Hit Parade (100)  
0130 WIOK-98.3 Hempstead NY. In again, this time w/strong sig.  
0200 WJFF-103.9 Jenkintown PA. Ending church service, good. (90)  
0330 WRSU-88.7 New Brunswick, NJ. A tentative w/N. Brunswick mentioned. Had station pledges. Gone at 0340.1350, watts. (75)  
4/28 AP 1550 WDBA-107.3 Du Bois PA. Hrd. a few times well on airplane scatter. Calls may not be correct. (160)  
5/2 Au 2200 Hash noted on 88.9 and 97.3, among many others.  
5/3 Au 0000 Hash extremely heavy at times.  
0000 UnID-88.1 w/EL mx, didn't seem to break at this time.  
UnID-90.3 w/RR. Gone shortly.  
UnID-91.3 w/c/w.  
0012 UnID-91.9 w/piano MX.  
UnID-96.9 w/EL MX. This Au opening was very sporadic in that hash and audio would be heavy for about five minutes, then Au would completely disappear for about twenty min. Opening gone completely at 0100.

Loz total at 308 heard.

William O. Dickerman - YMCA, PO Box 786 - Williamsport, PA 17701 (EST)

4/21 Gw 2229 WRCL 91.7 PA Williamsport -- ID.

Station is located at Lycoming College. First time heard here as it has only been on the air a few days. It announces as "91.7 Alternative Radio in Williamsport WRCL" It is progressive rock music in the evenings.

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

- 1/11 Au 1900 88.5 KMUR Rolla, MO 3/22 Tr 2359 94.9 KAQH-FM Duluth, MN (New-ET)  
1900 90.7 KWMU St. Louis, MO 3/25 Au 2322 90.7 KWMU St. Louis, MO  
1930 96.3 KADI " 2235 92.3 WTTV Bloomington, IN  
1930 91.7 WUCM Ann Arbor, MI 3/26 Au 0004 88.5 KUMR Rolla, MO  
2/23 Tr 1900 88.3 KDPS Des Moines, IA 0008 92.3 KJRG-FM Newton, KS  
1900 90.7 KVNO Omaha, NE 0650 90.3 WCL Ft. Wayne, IN  
1930 \* KDSN-FM Dennison, IA 4/1 Au 0018 88.9 KLOM Jefferson City, MO

John Ebeling's report (continued)

2/23 Tr 2005 98.3 KWBG-FM Boone, IA 4/12 Tr 1723 96.7 KXGR Grand Rapids, MN

New stations underlined, new mode dashed underline. The unID in the April VUD turned out to be WAUP-88.1 Akron OH--it was deciphered by Bruce Elving after listening to the tape. It was the only Ohio station in the whole opening. KDSN-FM (\*) received on 107.3, and is constantly off its frequency assignment.

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

Until this year my DXing activities focused primarily on the UHF TV channels. On January 1st, in a limited way, I got into FM. This is my first report. Please note that it consist entirely of stations in the education band (88-92 MHz). My log, after only 4 1/2 months, now lists 65 education band stations. By Bruce Elving's "10% Rule" that is equivalent to 650 total FM stations, (hi). By the way, 18 of my educationals are elusive 10-watters. Half the job is finding out when they are on the air. You can waste a lot of time looking for something when it isn't there.

Although it is not my most distant station, I must consider among my best catches to be WLTL in La Grange, Illinois. To the best of our knowledge WLTL had not been logged East of the Indiana-Illinois state line since 1973. Veteran Dier, Roger Winsor, had warned me it was a "tuffy". Indeed, I had been looking for it for several months. My surprise came when I was having a midnight snack. WNTH, for some unknown reason, signed off 3 minutes before their usual time. Immediately behind them in came another station. The announcer mentioned "La Grange". I couldn't believe my ears. I kept listening. He played a record; then, afterward, signed the station off the air. He gave the call letters, location, power, and licensee. There was no doubt about it. I had just heard WLTL for 3 whole minutes! I was in ecstasy-- I had just caught a very rare bird!

You might ask, "What makes WLTL so difficult?" Let me explain. First, it is a low-powered, 10-watter with only a 50 ft. transmitting antenna. Second, they compete for their frequency with 6 other, more powerful stations in the immediate area. Third, they have a very abbreviated broadcast schedule. I might mention that Andy Bolin was active about 3 years before he snared it. So hang in there and keep trying. Remember, patience pays off.

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

1/1	First day-set up unit, logged locals	1/8	GW	1803	WRHS	88.1	IL	Park Forest				
1/2	GW	1351	WRRG	88.9	IL	River Grove	1/9	1843	WARG	88.9	IL	Summit
		1500	WHPK	88.3	IL	Chicago		2202	WMTH	88.5	IL	Park Ridge
		1510	WUIC	88.1	IL	Chicago	1/10	2142	WVUR	89.5	IN	Valparaiso
		2400	WUOM	91.7	MI	Ann Arbor(185)	1/12	0001	WRSE	88.7	IL	Elmhurst
1/3		2120	WHFH	88.5	IL	Flossmoor		0004	WXMX	88.9	IL	Lake Forest
1/5		0200	KWNU	90.7	MO	St. Louis(265)		0115	WCBU	89.9	IL	Peoria(160)
		0535	CJOW	88.7	ON	Windsor(270)	1/14	0054	WYMS	88.9	WI	Milwaukee(90)
		0600	WVUB	91.1	IN	Vincennes	1/16	0940	WBCL	90.3	IN	Ft. Wayne(130)
		0700	WHAD	90.7	WI	Delafield	1/20	0901	WNTH	88.1	IL	Winnetka
		0730	WILL	90.9	IL	Urbana		1227	WETN	88.1	IL	Wheaton
		0800	WAUS	90.9	MI	Berrien Springs	2/22	2201	WSSR	91.9	IL	Springfield
		0900	WVPE	88.1	IN	Elkhart	1/23	0829	WETL	91.9	IN	South Bend
		0940	WCNC	89.1	IL	Naperville	1/24Tr	0800	KUMR	88.5	MO	Rolla(345)
		1000	WGVE	88.7	IN	Gary	1/25	0800	WOSU	89.7	OH	Columbus(300)
		1100	WGTD	91.1	WI	Kenosha	2/15	2236	WORT	89.7	WI	Madison(130)
		1101	WDGC	88.3	IL	Downers Grove	2/16	0032	WCI	90.1	IA	Ames(330 miles)
		1130	WERN	88.7	WI	Madison(130)	2/29	2359	WHHI	91.3	WI	Highland
		1200	WCNU	89.5	MI	Mount Pleasant	3/13GW	2358	WLTL	88.1	IL	La Grange
		1205	WKAR	90.5	MI	East Lansing	3/19Tr	0729	WIAA	88.3	MI	Interlochen(220)
		1250	WISU	89.7	IN	Terre Haute	3/23	2259	WPNE	89.3	WI	Green Bay(200)
		1332	WLRA	88.1	IL	Lockport	3/26GW	0900	WZRD	89.3	IL	Chicago
		1501	WHSD	88.5	IL	Hinsdale	3/31Au	2358	KUMR	88.5	MO	Rolla(345)
		1700	WSND	88.9	IN	Notre Dame	4/4 Tr	2300	WGCS	91.1	IN	Goshen
		1900	WBKE	89.5	IN	N. Manchester		2340	WIBI	91.1	IL	Carlinville
		1930	WCSE	91.3	MI	Grand Rapids	4/6	2106	WHLA	90.3	WI	La Crosse
		2030	WNIU	89.5	IL	De Kalb	4/19	0500	WIAN	90.1	IN	Indianapolis
		2100	WCYU	88.7	IL	Chicago	4/21	0245	WGUC	90.9	OH	Cincinnati(285)
		2300	WEUR	89.3	IL	Evanston	5/9	2338	WGTE	91.3	OH	Toledo(230)
		2359	WUWM	89.7	WI	Milwaukee(90)	5/20	1030	WVSH	91.9	IN	Huntington
1/6		0948	WKKC	89.3	IL	Chicago	5/22	0129	KUNI	90.9	IA	Cedar Falls
1/7		1653	WBHI	88.5	IL	Chicago	5/23	0200	WIUM	91.3	IL	Macomb(175)

(continued on page 28)

# WESTERN FM-DX

Steven C. Wiseblood  
707 Loma Way  
Santa Maria, CA 93454

Pat Dyer, 5315 Silvertip Dr., San Antonio TX, 78228 (3/12-5/9) (CST)

Equipment: Allied 426, Hallicrafters SX-62 w/International Crystal SAI-1, Archer-V-100	
3/19 tr 0215 KLEK 94.5 TX Lubbock, ID, MoR 340	4/16 tr 0933 KDVT 106.1 TX Denton, RR, ID 275
0220 KLUR 99.9 TX Wichita Falls 305	5/4 MS 1103 KSTP 94.5 MN St. Paul, wx 1110
1019 KOOT 106.5 TX Jacksonville 260	tr 2220 KYKR 93.3 TX Port Arthur 280
1022 KWOC 106.9 OK Clinton, C&W 420	2241 KPFL 99.9 LA Lafayette, RR 395
4/2 tr 0129 KWIC 107.7 TX Beaumont, Soul, RR	KPAC? 98.5 TX Port Arthur, Cl
0158 KPFL 99.9 LA Lafayette, RR 395	2245 WAFB 98.1 LA Baton Rouge 450
0200 KSPL 95.5 TX Diboll, ID 255	2300 KSLD 107.1 LA Opelousas, ID 395
0203 KYKR 93.3 TX Port Arthur, C&W	KCIL 107.1 LA Houma, ID 475
0208 WXEL 105.3 LA Slidell, Soul 530	2305 KTRM 95.1 TX Beaumont, s/off
4/14 tr 0910 KCWM 95.1 TX Victoria, ad 110	2327 KBPO 94.1 TX Beaumont, auto EL
4/15 tr 0244 WKXT 94.7 MS Jackson, Soul 525	2331 KSNS 96.1 LA Lake Charles, ID
WJMI 99.7 MS Jackson, RR, ID 525	2350 WFRM 99.5 LA New Orleans, RR510
0301 KYKK 105.7 TX Longview, C&W 310	5/5 tr 0000 WKEL 105.3 LA Slidell, Soul 530
0305 WPPR 107.1 LA Hammond, MoR 490	5/7 Es 0820 WMCU? 89.7 FL Miami, rel. 1150
0310 WXEL 105.3 LA Slidell, Soul 530	
0317 KSNS 96.1 LA Lake Charles 325	

I didn't have enough to bother to send a report for Mar-Apr last time.

A few good trop openings, but none of the nice trans-gulf ducting that has been plentiful here the past couple of springs. The first Es to reach FM since Jan.11 showed up on May. 7 In the midst of a local thunderstorm, it could have been easily overlooked. With the new local, 91.7, and semi-locals now on 94.9(Laredo) & 95.1(Victoria), the Es season will not be as easy as has been the case previously.

73, Pat WA5IYX

Steven C. Wiseblood, 707 Loma Way, Santa Maria CA, 93454 (4/18-5/17) (PST/PDT)

4/24 tr 0800 KFIG 101.1 CA Fresno, Vy. strong	5/9 tr 1254 XHERS 104.5 BCN Tijuana, EL 245
0815 KXOA 107.9 CA Sacramento, wx 255	1258 XHIS 90.3 BCN Tijuana MoR 245
4/25 Es 0903 KNFM 92.3 TX Midland, MoR 1066	1305 XHQS 95.7 BCN Tijuana SS 245
0913 KPQB? 94.1 NM Humble City, MoR	1311 KDIG 98.1 CA San Diego, ID 230
5/4 tr 1326 KQED 88.5 CA San Francisco 228	5/11 Es 1412 KOKE 101.5 TX Brownwood, C&W
1329 KSAN 94.9 CA San Francisco, RR	5/12 Es 1822 KITY? 92.9 TX San Antonio, MoR
1332 KPAT 94.5 CA Gilroy, C&W 155	1824 KEEZ? 97.3 TX San Antonio, RR
1337 KPFD 95.5 CA Fresno, \$RR 135	5/14 Es 1306 KSHL 94.9 ID Pocatello, ID
1339 KRON 96.5 CA San Francisco, EL	1310 unIDs 89.1, 94.9, 97.9 (MT?)
1340 KEAR 97.3 CA San Francisco, rel	tr 2116 XHRM 93.5 BCN Tijuana Soul 245
1345 KWT 100.7 CA Salinas, EL 136	5/15 tr 1321 KDIG 98.1 CA San Diego, \$RR
1348 KNAI 99.7 CA San Francisco, nx	1325 KPMB 100.7 CA San Diego, \$RR
1351 KSOL 107.7 CA San Mateo, Soul	1325 KGB 101.5 CA San Diego, \$RR
1352 KBRG 105.3 CA San Francisco 228	1329 KOZN 103.7 CA San Diego, \$C&W
KEMT 105.1 CA Sacramento, EL 255	1329 XHERS 104.5 CA Tijuana, \$EL
1353 KFOG 104.5 CA San Francisco, EL	1334 KITT 105.3 CA San Diego, MoR
1357 KPRC 106.1 CA San Francisco, RR	1344 KPRI 106.5 CA San Diego, \$RR
1358 KARA 105.7 CA Santa Clara, RR	
1403 KDPC 102.1 CA San Francisco, Cl	
1900 KWIZ 96.7 CA Santa Ana, MoR	

There has been some Es virtually every day here on TV, so far this May. I'm looking forward to a long Es season! 73's, Steve

Doug Everitt, 1708 W. Maine Ave., Enid, OK, 73701 (CST/CDT) (3/19-4/30)

Equipment: Kenwood KT-8007 tuner, 10-el FM yagi @ 38'	
3/19 tr 0905 KWTX 97.5 TX Waco, MoR 340	4/18 tr 2359 KMRJ 96.9 KS Pittsburg, 190
1114 KFMW 107.9 IA Waterloo, MoR 510	4/19 MS 0003 KMKN? 96.9 WY Jackson(Tent)810
1116 KRVR 106.5 IA Davenport, MoR 500	4/21 tr 1335 KPFI 100.7 TX Mt. Pleasant 280
1118 KXEL 105.7 IA Waterloo, RR 510	4/22 tr 1050 KOWH 94.1 NE Omaha, Soul 350
1119 KRES 104.7 MO Moberly, Ads 370	1101 KIQM 99.9 NM Clovis, RR 340
1122 KCEZ 94.9 KS Kansas City, MoR	1118 KEZAS 94.1 AR Little Rock 340
3/24 tr 2142 KRBB 95.9 OK Sallisaw, RR 180	4/23 tr 1001 KWAS 101.9 TX Amarillo, rel230
3/25 tr 0749 KXXX 100.3 KS Colby, MoR 250	1007 KGNC 97.9 TX Amarillo, MoR230
0751 KPFA 94.5 KS Scott City, nx 210	1011 KBMP 98.3 TX Spearman, rel190
4/11 MS 1129 WEEC 100.7 OH Springfield 810	GW 1740 KJAK 100.5 OK Okla, back on air
4/14 tr 2326 KLND 101.7 KS Independence 130	4/26 GW 1206 KAYE 90.5 OK Tonkawa(10w) 38
4/15 MS 1100 WLEB 100.5 SC Laurens, ID 910	4/28 MS 1208 WAFT? 191.1 GA Valdosta 830
4/18 tr 2310 KDVT 106.1 TX Denton 220	

(Doug's comments will appear next time due to lack of time&space this issue, Bye Bye now)

# VHF UTILITY DX

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

JUNE 1976

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

2-1, 2157, N7426 134.0 28 min NYC (Braniff 118; rte DFW-JFK; 25 w)  
2202, N678BM 134.0 apx 20 mi s Salisbury, MD (Bristol Myers Co.;  
Falcon Fan Jet, 4-eng, 12-seat; 25 watts)

Martin J. Theil, 12 Princeton Dr. E., Holiday, FL 33589 Bearcat 101 with  
indoor rod antenna (and would like to hear from other members regarding  
the 101 and the use of outdoor antenna systems) Mar 22 - May 3, all FL

KXO 943 37.98 New Port Richey (Superior Ambulance)  
KIN 336 161.30 " (Tate Ambulance)  
KSS 789 155.34 Tarpon Springs (General Hospital)  
KDN 486 154.04 " (local government)  
KIA 653 154.445 New Port Richey (fire)  
KRC 613 33.94 Hudson (fire)  
- 156.80 St. Petersburg (marine emergency)  
KIH 759 45.06 Port St. Joe (sheriff)  
KIA 653 154.43 Tampa (fire)  
KUZ 385 161.80 Tampa (USCG)  
KHB 32 162.55 Tampa (USWS)  
- 152.27 (taxi)  
KDP 419 156.03 Dunedin (police)  
KII 218 155.37 Pinellas (police)  
- 155.25 Tampa (helicopter)  
KBA 460 45.20 Brooksville (local government)  
KIP 340 45.06 Brooksville (sheriff)  
KTR 725 155.22 Clearwater (Community Hospital)  
- 146.67 Naples (2-meter amateur repeater)  
KFD 903 156.03 Largo (police)  
KYP 228 154.355 Largo (fire)  
- 156.80 Crystal River (police)  
KUA 754 45.14 " (sheriff)  
- 152.69 Tampa (pager)  
- 152.63 "  
- 152.54 Clearwater (mobile phone)  
- 152.46 "

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

<u>4-13</u> , 1855, 32.000 *	<u>28</u> , 0032, KIN 645	<u>6</u> , 2319, KQC 884
<u>14</u> , 1725, 37.000 *	1755, 37.000 *	<u>7</u> , 1818, KMA 829
<u>15</u> , 0313, KME 438	<u>29</u> , 2020, 32.82 *	1820, L Ang-b
1710, 32.000 *	<u>30</u> , 1850, 32.000 *	1825, L Ang-a
<u>17</u> , 2015, 37.000 *	2232, <u>KIC 212</u>	1925, KOE 257
<u>19</u> , 2000, 32.000 *	2235, <u>KIL 431</u>	2327, KIE 953
<u>20</u> , 2035, 37.000 *	2237, <u>KIM 476</u>	2344, KFL 936
<u>21</u> , 2150, 37.000 *	<u>5-1</u> , 1930, 32.000 *	<u>8</u> , 0227, KSC 645
2240, KOE 257	<u>2</u> , 1616, KSC 645	0308, KAA 893
2319, KME 438	KFL 936	0740, KMA 829
<u>22</u> , 1805, 37.000 *	1621, KFL 943	<u>10</u> , 1607, KQC 884
<u>23</u> , 0523, KFL 943	1708, KOE 257	2128, <u>KSE 269</u>
1830, 36.25 *	1835, KME 438	<u>KSE 204</u>
1855, S Diego-b	<u>3</u> , 0120, 30.85 US ne *	2135, <u>KAA 203</u>
1900, S Diego-a	1820, <u>KSV 732</u>	2155, <u>KSE 219</u>
1925, KFL 943	1823, <u>KIP 869</u>	2158, <u>KSA 961</u>
<u>24</u> , 2055, 37.000 *	1830, <u>KIM 871</u>	22-- , <u>KSA 973</u>
<u>25</u> , 0135, KME 438	1831, <u>KID 651</u>	2216, <u>KSA 928</u>
<u>26</u> , 2135, 37.000 *	<u>4</u> , 2310, <u>35.62 bs</u>	2221, <u>KAA 947</u>
<u>27</u> , 1800, 37.000 *	2335, 33.00 *	2222, <u>KAD 447</u>

# PHOTO-NEWS

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

June, 1976

Please note the new address, which is valid until July. After July 1, send any materials for this column to your editor at this address: 4 Brook Court, Parsippany, New Jersey 07054. Now, to the photos:

## Feature: Comparison and Contrast

Featured in this month's column are photos from Jim Gould (Kokomo, Indiana) which compare signals when different preamps are used for reception of the same station, using the same antenna and the same receiver. Preamps used are:

- 1) Blonder-Toungue CMA-Ub, with 25db gain and 4.0 db noise figure
- 2) Winegard DA-440 distribution amp, with 40db gain and 9.0 db n.f.
- 3) Winegard AC-982 combination U-V amp, with 9db gain and 9.0 db noise figure at UHF

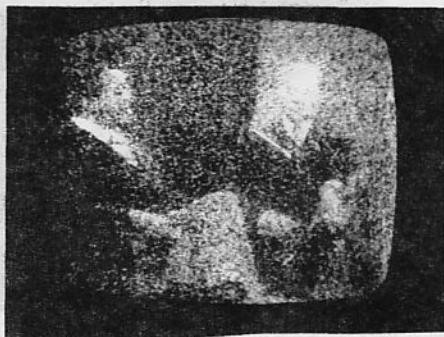
All the preamp comparison photos were taken during the winter months of 1974/5. The antenna used was Jim's 7' dish, mounted on the floor of Jim's garage.



(CMA-Ub)

WFYI-20 Indianapolis, In

(DA-440)



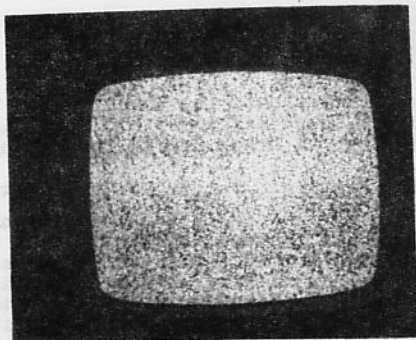
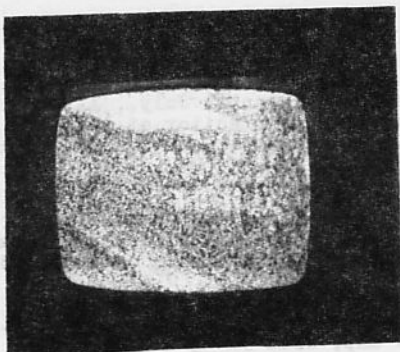
(CMA-Ub)

WLFI-18 Lafayette, In

(DA-440)



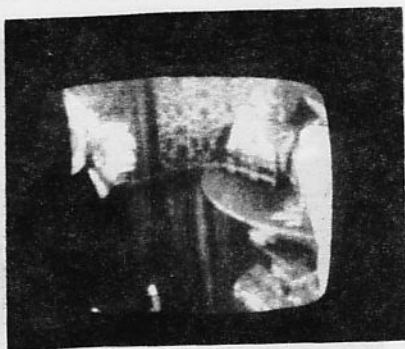
PHOTO-NEWS



(CMA-Ub)

WSNS-44 Chicago, Il

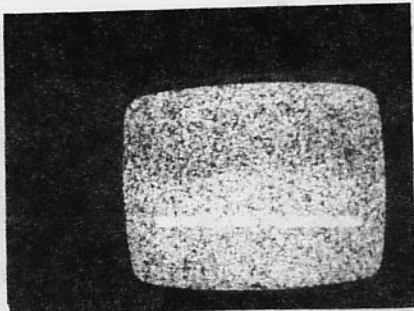
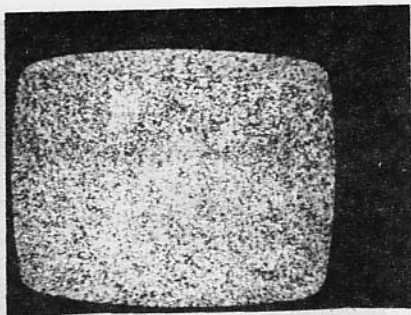
(DA-440)



(CMA-Ub)

WNDU-16 South Bend, In

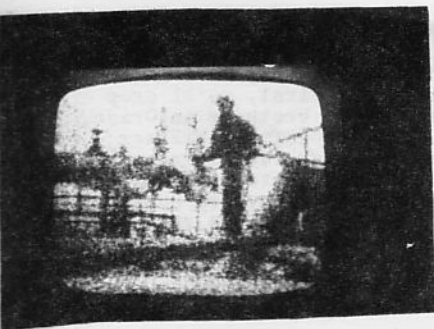
(DA-440)



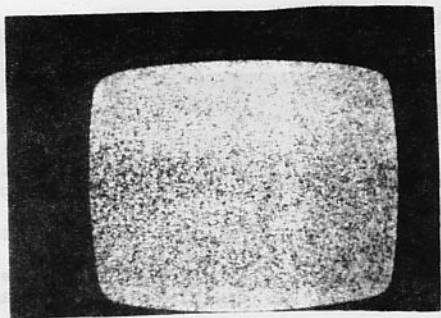
no amp used

WNDU-16 South Bend, In

(AG-982)



(CMA-Ub)



(AC-982)

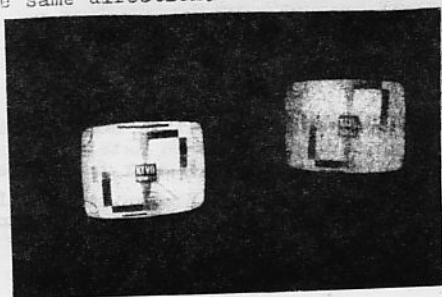
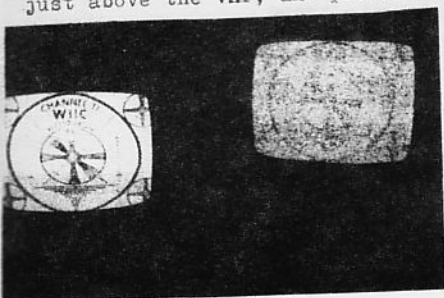
WKJG-33 Fort wayne, In

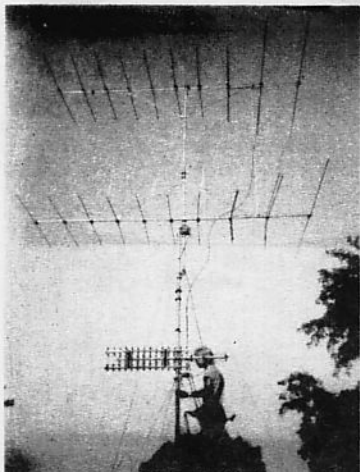
Jim also sends along some photos comparing reception using the same antenna model (CM Super-Crossfire) at different heights (100 ft. and 20 ft.) above ground. In each photo, the screen at the left shows the signal from the antenna at 100 ft., and the screen at the right shows the signal from the antenna at 20 ft.

The photo at the right was taken during an Es opening. Both antennas are pointed toward Miami, just off direction of semi-local WITV-4, Bloomington, In. The signal from the antenna @ 100 ft. is WITV-4, and the signal from the antenna @ 20 ft. is WTVJ-4, Miami Fl.



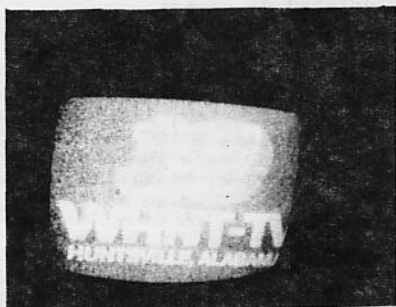
The two photos below show the effects of height on tropo reception. In the photo below to the left, reception of WIIIC-11, Pittsburgh, Pa. is compared. In the photo below to the right, reception of KTVO-3 Kirksville, Mo is compared. The photo of KTVO-3 was taken on July 18, 1971, at 0725. Jim notes that some gain is lost on the VHF antenna 100 ft above ground because of UHF antenna mounted just above the VHF, and pointed in the same direction.





This month, we also pay a visit to two DX set-ups. First, we'll drop in on the Sampson brothers in Orion, Illinois. At the left is W1FDAer Chuck Sampson, busy rebuilding the Sampsons' antenna system, which a storm had taken down. The system consists of 2 stacked CM 1126 low-band VHF antennas, and a Parapro UHF antenna temporarily fixed at the bottom. The upper CM VHF is about 28 feet above ground.

Below the photo just described is a photo of Buck Battin's antenna system in Shreveport, Louisiana. On the mast to the left is a Jerrold 10 element lowband yagi, and on the mast to the right are a Jerrold 10 element yagi for highband VHF, and a Jerrold JUP-4 for UHF reception. Not shown is a ground plane antenna Buck uses to detect ES building up on the 30-50 MHz band. The system seems to be getting out well, as is evidenced by the DX photo (below) which Buck submitted.



WHNT-19 Huntsville, Al  
440 mile tropo 1 11 76

That's it for this month. Hope you've enjoyed the biggest PHOTO-NEWS column to date! Many thanks to Jim Gould, Scott Sampson, and Buck Battin for this month's materials.

Your shack, antenna system, DX, or self could appear in this column in future months. Want to be featured in PHOTO-NEWS? Then send in your photos today!

73 and good DX,

*Jim*



# EASTERN TV-DX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

June 1976

Deadline: 10th

Such early season E-skip activity has been noted by your editor and other DXers during the first two weeks of May. The season appears to be off to a good start, especially after a very good opening on 5-15. Next time, we'll have an Es chart, and a better look at how well the skip season is progressing. The really big news this month concerns the super Atlantic coastal duct that brought UHF signals from Orlando, Florida as far north as the Philadelphia area on April 19th. Steve West in Havertown PA had WSWB-35 Orlando with snowfree video at times, over a 900+ mile path. He alerted Baltimore DXer Tom Yingling, who also caught WSWB, and they both also noted WJCL-22 Savannah GA. This occurred in the 0100-0200 period—but to top things off, the path held well until long after sunrise, giving Steve snowfree reception of WJPM-33 Florence SC. This super duct was the result of a very unusual April weather pattern which we noted last month. The high pressure area involved was actually an extension of the semi-permanent Bermuda High, which briefly expanded into the eastern part of North America. There's nothing like the coast (or the Gulf) for tropo!

Steven Sprachman Macomb Hall Box 319A Plattsburgh, New York 12901  
"April was a fantastic month. First that Easter/Passover vacation. Who'd ever expect 90 degree weather in April? I got a lot of relogs when I was home in Seaford. In the beginning of the month I got a chance to "play around" with my TV and antennas, so here's the report:"

from Plattsburgh NY (no date or time):

61AB-61 Newport RI 3333R CIVM-17 Montreal 2133R WVMR-28 Rutland 3333R  
from Seaford NY:

April (All times EST)	15 Tr 2100	WEDH-24, WEDW-49 CT
10 Tr 2030	WBJB-23, WTAP-29, WBDN-53	WCMB-40 Wildwood NJ
14 2000	Philly-Garden U's, WATR-20, 16	WBRE-28 Scranton PA
	WEDH-24, WHEB-30, WLVT-39, 19	0830 WDCA-20 Washington DC
	WEDN-53 Norwich CT	Salisbury U's
15 1900	WHRO-15 Hampton VA	WAPB-22 Annapolis MD
	Salisbury MD U's 16, 28,	WBFF-45 Baltimore MD
	NJ RTVs 23, 50, 52, 58,	WWBT-12 Richmond VA
	Philadelphia U's	1530 WCMB-40 Wildwood NJ
	Connecticut U's 20, 30	1730 WTEV-6 New Bedford MA

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (305)585-7415

April (Times EST; EDT as of 25th)	3 Tr 0825	WATU-26 Augusta GA	T
3 Tr 0630	WLGY-10 Largo (170)270km	"most faded by 0830..."	
0735	WJCL-22 Savannah(390)625km	unID-7 "unID 3/4 CB 2 1/2	
	"at times VAFI 5555"	w/ tone (Panama City?)"	
	+ WBBH-20, WMFE-24, WXLN-40, 24	2130 unID-10 "CGI over WFLG"	
0800	WTOG-44 FL "all 5555"	WJCL-22 Savannah GA 2015R	
	WJKS-17 Jacksonville T	unID-35 "CGI over WSWB	
	WTVX-34 Ft Pierce FL	(probably WRKX)"	
0821	WCBS-20 Wrens GA T	25 0730 WJXT-4 Jacksonville FL T	
	WCJB-20 Gainesville FL T	WJKS-17 Jacksonville FL T	
	WEBA-14 Allendale SC T	May	
	WCWB-41 Macon (455)765km	2 Tr 0810	W69AA-69 Hollywood 4444R
	WHAB-46 Atlanta GA T		

"As you can see a good start and a lousy finish...no Es since mid Jan... May is the month for the start though...don't know if I'll be at the convention yet...by the way this morning's W69AA is the best reception I've ever seen of it...anyone know where I can buy an AR-15 (Heath) used for under a \$100...73s for now"

John Gembe 816 W. Harvard Orlando, Florida 32804

"No report this month, just an update. I should have antennas up here by late August or early September, depending on how \$ holds out. New equipment will include Delhi 7' dish. Would you believe they've discontinued their UHF dishes and the one I ordered was the last one left? Good timing, hi...No DX seen here...at least I can view some summer E-skip (on rabbit ears). Will send pictures of new set-up to Jim Alexander's column. Until then, 73s to all!!"

Thomas J. Yingling, Jr. 221 Pinewood Road Baltimore, Maryland 21222 (BST)	
October	24 Tr 2200 WICZ-40 Binghamton (200)
25 Tr 2130 W41AB-41 Madison VA (130)	25 2300 WTNH-8 New Haven CT (260)
	2345 WPRI-12 Providence (290)
2145 W42AC-42 Strasburg (130)	26 0030 WNAC-7 Boston MA (380)
	0130 WCBS-2 New York NY (200)
2200 WTAR-29 Philadelphia (95)	WNEW-5 New York NY (200)
	WOR-9 New York NY (200)
	WPIX-11 New York NY (200)
2230 WNJB-58 New Brunswick (160)	March
	21 MS 0221 KTFI-2 St Louis MO (700)
	0230 WBBM-2 Chicago IL (600)
	April
	19 Tr 0100 WSWB-35 Orlando FL (800)
	"Farthest UHF to date!"
2300 WLVT-39 Allentown PA (150)	0130 WJCL-22 Savannah GA (700)
2330 WHNB-30 New Britain (250)	"next to farthest UHF!"
	0030 WPRO-15 Norfolk VA (200)
	0130 WYAH-27 Portsmouth (200)
	0145 WRDU-28 Durham NC (230)
24 0000 WRDE-24 Hartford CT (250)	0200 WRAL-5 Raleigh NC (280)
	0230 WWAY-3 Wilmington NC (300)
	WSOC-9 Charlotte NC (350)
	20 2000 WBJM-50 Montclair NJ (180)
	2030 WNJB-58 New Brunswick (160)
0030 WCMC-40 Wildwood NJ (100)	2300 WNYB-25 New York NY (200)
	WNYC-31 New York NY (200)
	2345 WBOC-16 Salisbury MD (120)
	21 1800 W14AA-14 Arlington VA (50)
2200 WBB-21 Harrisburg PA (150)	(WVPT-53 translator, 100w)
	2200 WJNL-19 Johnstown PA (150)
	"WDCB-20 off"

"The big opening to Florida was something else...I was DXing FM, and listening to my police scanner (Bearcat-101) for high band traps with a lot of NJ, MD, VA & NC police signals, and watching the TV with NYC, Philly, & the Norfolk VA area in. I get a phone call from Steve West in Haverstown, PA at just before 1 a.m. EST. He was telling me that Florida is in. At first it's hard to believe...I was not sure that I would get anything. But it came in! I got two new TV's since my last report...Sony Trinitron KV-1214 12 inch color set with detent UHF, and a W.T. Grant brand name Bradford model Ranger-505 5 inch beam with detent UHF. The Ranger is best on ch 3 for skip, and MS. Since I got Florida on UHF, I am going to increase my 5 foot dish height. Now it's only at about 40 feet...73s"

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (BST/BDT)	
April	12 Tr 2130 Detroit, Toledo, N. Ohio, S. Ontario U's strong all evening, Toledo U's fair
14 Tr 0006	W. Pennsylvania, E. Ohio
25 Es 2330	unID-2 brief, weak CCI WGR 13
30 Tr 1900	WKBZ-48 Philadelphia (270) 14 Es 1245 unIDs 2, 3 to S.W. & W.
	2100 Detroit U's weak-fair 15 1128 t/in; unID 2-6 v. strong; MUF well into FM band
	2300 WUCM-19, WEYI-25 Saginaw 1129 KALB-5 Alexandria LA
May	KFDX-3 Wichita Falls TX
2 An 2040	hash chs. 2-6; unIDs on FM
3	0000 hash now up to ch 13
Es 1856	unIDs 2, 3 to South
5	1240 t/in; unIDs 2-6 to W.
Tr 1759	Toledo U's
6 Es 1950	unID-2 brief CCI WGR to S.
8 Tr 2330	Detroit U's weak
10	1600 WRBI-3 Columbus GA
	1821 WSB-2 Atlanta GA
	1958 KAUZ-6 Wichita Falls TX
	1959 KFDX-3 Wichita Falls TX
	2020 KCRT-2, KTVG-6 tentatives
	1247 KENS-5 San Antonio TX T
	1327 KFDX-6 Beaumont TX T
	1400 WRBC-3 Memphis TN
	1413 KFBZ-3 Shreveport LA
	unIDs 2, 3 all afternoon

Have noted Toronto channels 5, 19, 25 and 79 testing from CN Tower in past weeks. Looks like DXing on these channels will be much tougher in near future. Much Es lately, hopefully indicating a strong season. Haven't noted anything too unusual, although it got started a bit early.

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

"Equipment: a UHF 7 foot dish at 55 feet going down to a knife switch feeding to a Sony TV-750 (7" B&W) or to a BTX-111 into a 1962 Zenith 19" B&W. Dish is turned by an Archerotor II. VHF: Lafayette LVL 36 element antenna at 35 feet turned by an AR-10 going down to a knife switch where it goes to the Zenith or to a CM 7008 Low Band trap, then to the TV. A Lafayette Guardian 7000 is used to receive the Zenith's audio from the IF."

November			7 Tr 0700 WENY-36 Elmira NY (170)
30 Tr 2245	WCDC-19 Adams MA (225)	11 Es 1600	"Cuba-2 Baseball"
December			1700 "Cuba-4 Baseball"
5 Tr 2700	WICZ-40 Binghamton NY	13	1900 KQTV-2 St Joseph MO (1000)
	WSKG-46 Binghamton (160)	February	
6	0745 WNAC-7 Boston MA (275)	25 Tr 0700	WVIR-29 Charlottesville
	WHNB-30 New Britain (175)	March	
	0900 WLVI-56 Cambridge MA (275)	24 Tr 0700	WUNK-25 Greenville (325)
	WATR-20 Waterbury CT (155)	31	0700 WHRO-15 Hampton VA (225)
	WSMW-27 Worcester MA (250)		WCDC-19 Adams MA (225)
	WGAC-61 Waterbury (155)	April	
	(WEDW-49 xltr; 100 watts)	19 Tr 0100	WSWB-35 Orlando FL (950)
	WBBK-38 Boston MA (275)	0155	WJCL-22 Savannah GA (750)
23 Es 1300	KDFW-4 Dallas TX (1275)	0900	WJPM-33 Florence SC (575)
	(KXAS)-5 Ft Worth (1275)		W??-27 "PBS xltr in NC or SC?" (That's probably WRJA-27 Sumter SC -bt)

January

5 Es 1100 KCKT-2 Gt Bend KS (1250)

"April 19th we had record hot weather with a high pressure system over South Carolina, covering the whole east coast. I was ready to go to sleep when I turned on the TV and saw a weak signal on ch 35. I pointed my antenna from Washington DC to Norfolk VA and it came in snow free. A record commercial was finishing and it said to send money to WSWB-ORLANDO, FL!!! I wasn't sure WSWB was in Orlando until I checked my WTPDA TV STATION GUIDE. I called Tom Yingling and checked for other stations--none--so I rang Ken Simeon's phone a few times in case he was in on it. I took pics and recordings of WSWB until s/off. I was ready to go to sleep again, then another signal was in on ch 22. I thought it was Scranton but its sound came in and WJCL was signing off the air. I scrambled for the tape recorder but was too late. Now I see a ch 44 and I was thinking it was WTOG-44 in Tampa but it was Scranton PA. The next morning was great too, WJPM-33 in snowfree and an unID-27 with a good signal until 8:59 a.m. when they had a PBS ID and faded out." (Some great catches, Steve & Tom -bt)

J. Joel Rosenberg 47 Pannahill Road Downsview, Ontario M3H 4N4

"School has kept me pretty busy but one complication has all but eliminated DXing. On Nov. 11, a windstorm blew down the antennas--5 ft. dish & Delhi 1047 still attached to the CDE bell, leaving the motor on the tower. The dish was bent a little on one half but the VHF head lost about half the elements and the boom cracked. However, I put the latter up on the roof attached to the old mast so that it's acceptable for viewing. Rotor repairs cost \$9.!! After the accident I ran out and bought a new 1047 plus a 7 (yes 7) foot dish in order to avoid inflationary price rises--both antennae are still sitting in the garage. It goes without saying that I've seen no DX--however--with that .412 coax running up the tower used for UHF locals, I picked up CICO-28 Paris in mid Apr. Also, saw a strong Au opening Apr. 2 a.m.--heard some audio--CBS Movie theme on ch 4 with WBBN off. In late Apr., observed CN Tower testing of CBLT, CBLFT & CICA. Target date is May 31. I begin my internship in mid June, so time for DXing will still be minimal. Also I'm getting married a couple weeks before--so moving to a highrise is forthcoming."

Don't miss out on this one! This year's WTPDA Convention in Chicago on August 6th, 7th, and 8th promises to be the best annual gathering our club has had yet. With a large proportion of WTPDAers within easy traveling distance to the Windy City, it's a safe bet that Convention '76 will also be among the largest our club has had. Many of you Eastern DXers will be heading west on vacation this summer--so why not include Chicago in your plans on the dates above? You'll get to meet some of the most interesting and experienced DXers in WTPDA, and learn more about your particular interest in DXing VHF and UHF: QSLing, state-of-the-art gear, DX photos, etc. Make your plans now--you'll have a great time! Hope to see you there!

# CENTRAL TV-DX

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

deadline: 12th

The Summer E-Skip season got underway but so far only one opening made it above ch. 6. No sign of any good tropo opening yet.

Donald B. Ruland: 4448 68th Place, Kenosha, Wi. 53140 CST-CDT

4-10 Ms 0528 WJXT-4 Jacksonville(920) 5-12 Tr 0550 WLKY-32 Louisville(330)  
5-12 Tr 0550 WLEX-18 Lexington(360) 0650 KDNL-30 St. Louis(300)

"Absolutely no sign of E-Skip as of 5-12; not much of anything else either as this report will attest."

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

3-28 Tr 1000 WKPT-19 Kingsport(350) 4-3 Tr 0804 WCWN-54 Covington(145) T  
2200 WKON-52 Owenton(175) 0808 WKMR-38 Morehead(220)  
4-3 Tr 0745 WTVQ-62 Lexington(210) 0828 Unid-29 Possibly CKGN  
WKYT-27 " " Oil Springs; 3/4 color  
WLEX-18 " " bars with psible word  
0759 WKSO-29 Somerset(275) "Global" supered.  
0800 WKLE-46 Lexington(210) 0853 WUAB-43 Lorain-Cleveland  
(200)

4-14 Tr 0615 CKCQ-42 Oil Springs(225)  
\*Finco 7' dish now up, approximately 53' above ground at feed point. I'm now preparing to install Winegard Chromstar low and high band yagis, models CH-2026 and CH-2073." (good luck with your new set up--wd)

Jim Gould: R.R.#3, Kokomo, In. 46901 EST-CDT (317)-452-9585

4-18 Tr 0920 WHTV-24 Meridian 0210(590)T 5-4 Tr 2316 KOLR-10 Mo. 3521(445)  
0930 WZTV-17 Nashville2522(315)

"Worst 4 month period for dx I've ever seen".(It hasn't been much better here--wd)

Buck Battin: 134 East Egan, Shreveport, La. 71101 CST

3-6 Tr 1835 WMAA-29 Jackson(210) 4-6 Tr 0745 WAPT-16 Jackson(210)  
WAPT-16 " " WRBT-33 Baton Rouge(210)  
(Approx 310 noted good tropo on our office two-way radio. Strong signal from Jackson and one unidid, possibly Houston) 4-8 Tr 0740 WGNO-26 New Orleans(275)  
WRBT-33 Baton Rouge(210)  
WAPT-16 Jackson(210)  
WMAA-29 " "  
0755 Unid xltr from sse on approx. ch.70. CBS prog. (probably W70AU Gulfport, Ms. They repeat WWL--wd)  
4-2 Tr 0745 KTVV-36 Austin(285) 4-13 Tr 2300 WRBT-33 Baton Rouge(210)  
KVUE-24 " " WLPB-27 " "  
KDOG-26 Houston(211) 2320 WAPT-16 Jackson " "  
KHTV-39 " " 4-14 Tr 2200 KGBT-4 Harlingen(500)  
KCTX-39 Dallas(180) 2226 KPRC-2 Houston(211)  
(Strong sigs from Houston & Austin) 2227 KHOU-11 " "  
WRBT-33 Baton Rouge(210) 4-18 Tr 0100 KHTX-3 Bryan(200)  
WLPB-27 " " 0110 KPRC-2 Houston(211)  
2200 KLFY-10 Lafayette(185) 0115 KFSM-5 Ft. Smith(200)  
WAFB-9 Baton Rouge(210) 0116 WKRG-5 Mobile(365)  
4-5 Tr 0740 WAPT-16 Jackson(210) 0200 WLBT-3 Jackson(210)  
WMAA-29 " " 4-22 Tr 2225 KVUE-24 Austin(285)  
WRBT-33 Baton Rouge(210) 2226 KTVV-36 " "  
WLPB-27 " " 2230 KJAC-4 Port Arthur(180)  
2045 WAFB-9 " " WAFB-9 Baton Rouge(210)  
KLFY-10 Lafayette(185) WRBT-33 " "  
KJAC-4 Port Arthur(180) KLFY-10 Lafayette(185)  
2100 KETS-2 Little Rock(180) KHOU-11 Houston(211)  
KATV-7 " " 2234 KHTV-39 " "  
2106 WRBT-33 Baton Rouge(210) 2235 KEDT-16 Corpus Christi(395)  
2107 WLPB-27 " " 2240 WLPB-27 Baton Rouge(210)  
2115 WAPT-16 Jackson(210) 4-25 Tr 0105 KPDM-6 Beaumont(163)  
2117 WMAA-29 " "  
2130 KPLC-7 Lake Charles(160)

Battin; continued---

"Dx here in March was so bad I didn't even submit a report. April was much better. Still have not seen any Es here...the Es season is getting close so I keep a radio constantly tuned to 35 mhz. So far it hasn't made a peep."

Paul Gaines; 15920 Puritan St., Detroit, Mi. 48227 EST-EDT

4-9 Tr	0156	WTHR-13	In.	1022(230)	4-20 Tr	0150	WIIC-11	Pa.	1022(210)
	0221	WITI-6	Wi.	" (245)	4-21 Tr	0143	CFTO-9	Ont.	1523(205)
	0229	WTMJ-4	"	" "		0159	WTRF-7	W.Va.	1522(")
	0338	WGN-9	Il.	" (225)		0204	WRTV-6	In.	1022(230)
	2345	WNED-17	N.Y.	" (215)		0229	WTMJ-4	Wi.	" (245)
4-10 Tr	0246	CBLT-5	Ont.	1232(205)		0230	WITI-6	"	" "
	0250	WLWT-5	Oh.	1022(235)		0235	WISN-12	"	" "
	0554	CFTO-9	Ont.	2545(205)		0308	WGN-9	Il.	" (225)
	0644	CITY-79	"	1542 "	4-22 Tr	0304	WITI-6	Wi.	" (245)
	0713	CICO-19	"	1022 "			WRTV-6	In.	" (230)
	0757	WNED-17	N.Y.	3544(215)	4-23 Tr	0203	"	"	" "
4-11 Tr	0306	WTHR-13	In.	1023(230)	4-23 Tr	0205	WTHR-13	"	" "
	0336	WRTV-6	In.	1022(")		0349	WGN-9	Il.	" (225)
	0408	WITI-6	Wi.	" (245)		0556	CFTO-9	Ont.	" (205)
Ms	0409	WCBS-2	N.Y.	1312(490)	4-24 Tr	0248	WITI-6	Wi.	" (245)
Tr	0419	WBBM-2	Il.	1022(225)	4-26 Tr	0157	WRTV-6	In.	" (230)
4-12 Tr	0143	WTHR-13	In.	1122(230)		0200	WTHR-13	"	1522 "
	0158	WRTV-6	In.	1022 "	4-27 Tr	0135	"	"	1523 "
	0252	WBBM-2	Il.	1422(225)		0139	WRTV-6	"	1022 "
	0254	WGN-9	Il.	1522(")		0146	WTRF-7	W.Va.	1522(205)
	0609	CFTO-9	Ont.	1022(205)		0156	WIIC-11	Pa.	1022(210)
4-13 Tr	0058	WUTV-29	N.Y.	" (215)		0209	WTMJ-4	Wi.	" (245)
	0214	WITI-6	Wi.	" (245)		0212	WISN-12	"	" "
	2326	WNED-17	N.Y.	" (215)		0221	WITI-6	"	" "
4-14 Tr	0143	WTRF-7	W.Va.	1021(205)		0226	WGN-9	Il.	1522(225)
	0149	CFTO-9	Ont.	1022 "	Ms	0411	WCBS-2	N.Y.	1012(490)
	0202	WCPO-9	Oh.	" (235)	Tr	0605	CFTO-9	Ont.	1023(205)
	0229	WISH-8	In.	1522(230)	4-28 Tr	0151	WTHR-13	In.	" (230)
	0236	WITI-6	Wi.	1012(245)		0220	WTRF-7	W.Va.	1123(205)
	0314	WMAQ-5	Il.	1022(225)		0438	CBLT-5	Ont.	1022(")
	0327	WGN-9	Il.	1322 "		0441	WGN-9	Il.	" (225)
	0722	WNED-17	N.Y.	2534(215)	4-29 Tr	0139	WTHR-13	In.	" (230)
	0756	W46AB	N.Y.	1022(180)		0154	WTRF-7	W.Va.	" (205)
4-15 Tr	0025	WUTV-29	N.Y.	" (215)		0200	WIIC-11	Pa.	" (210)
	0148	WKBW-7	N.Y.	1021 "		0221	WGN-9	Il.	1122(225)
	0152	WTRF-7	W.Va.	1522(205)		0233	CBLT-5	Ont.	1022(205)
	0156	WIIC-11	Pa.	1122(210)	4-30 Tr	0126	WTHR-13	In.	" (230)
	0218	WTMJ-4	Wi.	1022(245)		0140	CFTO-9	Ont.	1012(205)
	0231	WMAQ-5	Il.	" (225)		0142	WCPO-9	Oh.	1022(235)
	0311	WGN-9	Il.	1122(")		0150	WIIC-11	Pa.	" (210)
	0415	WBBM-2	Il.	1022(")		0158	WRTV-6	In.	" (230)
4-16 Tr	0219	WCPO-9	Oh.	" (235)		0223	WITI-6	Wi.	" (245)
	0337	WITI-6	Wi.	" (225)		0226	WTMJ-4	"	" "
	0339	WGN-9	Il.	1522(225)		0244	WGN-9	Il.	" (225)
	2235	WFLD-32	Il.	1022(225)		0248	WISN-12	Wi.	" (245)
4-17 Tr	0229	WRTV-6	In.	" (230)		0512	WBBM-2	Il.	" (225)
	0240	WLWT-5	Oh.	1122(235)		0859	WNED-17	N.Y.	" (215)
	0250	CBLT-5	Ont.	1022(205)		2315	WUTV-29	"	" "
	0733	CFTO-9	"	1532 "	5-1 Tr	0234	WRTV-6	In.	" (230)
	0738	WCPO-9	Oh.	1522(235)		0238	CFTO-9	Ont.	" (205)
4-18 Tr	0346	WITI-6	Wi.	1022(245)		0252	WITI-6	Wi.	" (245)
	0359	WGN-9	Il.	1122(225)		0255	WISN-12	"	" "
	0420	WKRC-12	Oh.	1022(235)	5-2 Tr	0222	WCPO-9	Oh.	1033(235)
Ms	0432	WCBS-2	N.Y.	3012(490)			WKRC-12	"	1533 "
4-19 Tr	0139	CFTO-9	Ont.	1022(205)		0251	WIIC-11	Pa.	1022(210)
	0151	WTHR-13	In.	1522(230)		0300	WLKY-32	Ky.	2544(310)
	0202	WRTV-6	In.	1022 "		0303	WDRB-41	Ky.	1532 "
	0307	WGN-9	Il.	1122(225)	5-4 Tr	0206	WTRF-7	W.Va.	1022(205)
	0323	WBBM-2	Il.	1022 "	5-5 Tr	0147	WCPO-9	Oh.	1222(235)
Ms	0325	WCBS-2	N.Y.	1112(490)		0200	WTRF-7	W.Va.	1522(205)
	2141	WFLD-32	Il.	1022(225)		0240	WTHR-13	In.	1123(230)
4-20 Tr	0027	WUTV-29	N.Y.	" (215)		0251	WITI-6	Wi.	1022(245)
	0114	WTHR-13	In.	1522(230)		0254	CBLT-5	Ont.	1523(205)

Gaines; continued---

5-5 Tr	0255	CFTO-9 Ont.	1523(205)	5-6 Tr	0154	WTRF-7 W.Va.	1122(205)
	0303	WGN-9 Il.	1023(225)		0204	WRTV-6 In.	1022(230)
	0306	WMAQ-5 "	1523 "	5-7 Tr	0129	WTHR-13 In.	1522 "
	0325	WSAU-7 Wi.	1023(360)		0202	WRTV-6 In.	1022 "
Ms	0532	WCBS-2 N.Y.	1012(490)	Ms	0210	WNEW-5 N.Y.	1012(490)
5-6 Tr	0135	WTHR-13 In.	1523(230)	Tr	0234	WKRC-12 Oh.	1122(235)
	0137	WKRC-12 Oh.	1122(235)		0333	WGN-9 Il.	1022(225)

Log at: 234

In addition to the stations listed singly, Paul also sees stations regularly from Cleveland, Columbus, Akron, Dayton, Erie, Youngstown, S.Bend, Ft. Wayne, London, Kitchener, Paris, Steubenville, Hamilton, Battle Creek, Grand Rapids, Kalamazoo, Oil Springs, etc.

William J. Draeb: Ellis St. R.R.#2, Kewaunee, Wi. 54216 CST-CDT (414)-388-2350

4-19 Tr	0135	CJIC-2 Saulte Ste. Marie(200)		5-14 Es	1125	KMID-2 Midland T	
4-28 Tr	1928	WOSU-34 Columbus(395)				KATC-3 Lafayette T	
	2125	K69BA Iron Mt.(100)				(no time to watch)	
		(repeats WNE-38)		5-15 Es	1030	WTVJ-4 Miami(1368)	
		Other U.P. xlters also in.				WEDU-3 Tampa(1192)	
4-30 Es	2008	Unided ch.4; ESE.				WESH-2 Daytona Beh(1130)	
5-1 Tr	0700	K55AW Alpena(205)			1130	KPRC-2 Houston(1118)	
		(repeats WGTU-29)			1230	KBTX-3 Bryan(1079)	
		Gone by 0715.				KJAC-4 Port Arthur(1080)	
5-2 Au	1953	Unided on ch.3; N.				KCEN-6 Temple(1075)	
5-4 Tr	0110	CKSO-5 Sudbury(350)				KFDM-6 Beaumont T	
5-5 Es	0847	KMID-2 Midland(1176)				Educ. ch.2; unided	
		KIII-3 Corpus Christi T			1240	KDFW-4 Dallas(957)	
		KACB-3 San Angelo T				KXAS-5 Ft. Worth(972)	
	1000	WRBL-3 Columbus(853)				KAUZ-6 Wichita Falls	
	2055	KXLF-4 Butte T				(945)	
	2140	KXLY-4 Spokane(1450)				KFDX-3 " " "	
5-7 Tr	0110	CKNC-9 Sudbury(350)				KMOL-4 San Antonio(1213)	
5-8 Tr	0650	W56AB Darlington(179)				KENS-5 " " "	
		W69AB " "			1407	KMID-2 Midland(1176)	
	0715	K55AW Alpena(205)			1429	KENW-3 Portales(1103)	
5-9 Tr	1925	WKYT-27 Lexington(473)				KAVE-6 Carlesbad(1228)	
5-11 Tr	2006	KINL-30 St. Louis(432)				KAMR-4 Amarillo(991)	
5-13 Tr	0152	CKSO-5 Sudbury(350)				KNME-5 Albuquerque T	
	Es	1415	KPRC-2 Houston T			KOB-4 " "	
						KWAB-4 Big Spring T	

Log total: 639

NORTHERN FM-DX (continued from page 10)

Fred Nordquist - 302 Sandra Lane - N, Syracuse, NY 13212 (EDT)

4/12-5/1 No DX noted.

5/2 Au Many UNIDS - Very strong opening at 2100 on.

	2136	WMBI-90.1 IL Chicago	Religious music (600)	
	2201	WEEL-90.3 IN Fort Wayne	"Voice of Ft. Wayne Bible College" (475)	
	2200	WDOK-102.1 OH Cleveland	ID (300)	
	2200	CJOM-88.7 ON Windsor	ID (350)	
5/5 Tr	2030	WSTW-93.7 DE Wilmington	(240)	} These stations are heard quite often via airplane flutter.
	2030	WETA-90.7 DC Washington	(300)	
	2031	WAMU-88.5 DC	" "	
	2032	WPGC-95.5 MD Morningside	(300)	
5/13 Tr	1900	WJER-99.5 DE Wilmington	(240)	

5/16 Tr 0400 WELI-106.1 NY Patchogue rr (235)

0358 WPHE-94.7 NJ Newark gospel (also hrd quite often here) (200)

0359 WVNJ-100.3 NJ Newark MoR mx (200)

Gw 0410 CKLC-98.3 ON Kingstou rr (80) (WEKT rarely makes o/CKLC's inor. pwr)

Tr 0413 WBFQ-98.7 MI Detroit Relig. (355)

RX: AJ-15 Ant: JFD LPL-FM10A at 32ft AGL, and Archer Servo-rotor. Underlined new to log. New location will be 2 mi. north of my present location; with no trees or houses to the SE-SW of me. However, there may be WEG-100.9 QRM since their tower is 1/2 mi to east. A trap (IPA et al) may be in order. 73, Fred.

# WESTERN TV-DX

Dennis Park Smith  
50 Manzanita Way  
Paradise, California 95969  
Telephone 916 877-2972  
Deadlines: 10th of month

June 1976

Again, there was some tropo noted here and there, though the interest is in the approaching Es season. The Es chart shows the end of the late-March/early April aurora/Es activity, then the first real spring Es starting about mid-April. Most have been brief openings on ch. 2, but there were some good sessions now and then up to ch. 5 and into FM. However, most of this has been in central California and south Texas; Oklahoma and further north show little Es yet. A Manitoba report shows more aurora DX in early May, in which Es was noted there at 41-MHz MUF.

	early-am	am	noon	aft	aft	aft	aft	eve	aft	eve	am	am	aft	eve	eve	
Es/aurora	au	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	
Date 1976	Apr 1	5	11	17	20	21	22	23	23	24	24	25	26	26	27	30
Nr. reporters	2	1	1	1	1	2	2	2	4	1	1	3	1	1	1	1
MUF at least	9	2	2	3	2	2	2	2	5	2	5	9	1	2	2	5

	eve	am-noon	am	aft	eve	am	aft	noon	eve	am	noon	aft	aft	aft
au	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es	Es
May 2	3	4	4	4	5	5	6	6	7	7	8	9	11	
1	1	1	2	1	3	1	1	2	1	1	2	1	2	
2	5	2	2	3	4	2	2	5	8	7	2	2	2	101.5

John Anderson, Box 186, Lowe Farm, Manitoba ROG 1EO (204 746-8887) (3Apr-3May) (CST; CDT 25Apr)  
Equipment (as of Apr 26): Delhi 1057 with C-M 7059 25-db amp. at 64 ft (Rohn AX-64 tower), Belden RG11/u cable, C.D.-44 rotor. Receivers: 1076 Panasonic 12" B&W, old 21" Philco.

7-ft dish was up for a while but was taken down due to interaction problems with VHF ant (it made the VHF totally useless!). I am considering mounting the dish lower on the tower or obtaining some extra strong pipe (longer) for another try above the VHF. April:  
26 tr 1700 CKYD-12 Dauphon Man (all 171 May 2 au 1900-20 Heavy hash on ch.2  
KCMB-12 Bismarck ND vy 235 Es 1920-45 MUF up to 4.1 MHz  
27 tr 0155 CKOS-3 Yorkton Sask weak 263 au 2150 unId French: CBFT2 Montreal?  
28 tr 2150 KNMT-12 Walker MN " 200 au 2250 CBFT 2 tent, 1127nd, WAFI 5333  
WIRT-13 Hibbing MN " 242 3 tr 0955 KHSD-11 Lead SD tent, 455mi.  
KCMB-12 Bismarck ND " 235 No video, audio Id only, below.

Audio ID to above was "Broadcasting from 7 public television stations, this is the South Dakota Public Television network." KHSD-11 is not listed as a public station in the station guide, but no other ch-11 ed. stations are listed, either. 7's.

Bob Cooper, Jr., Rt 5 Box 782, Guthrie, Oklahoma 73044 (3Mar-5May) (CST; CDT 25 Apr)

The spring tropo season was a disappointment here. If there was any trans-Gulf activity, it eluded me this far north. By this time we have usually had a couple of good openings south, s.w. and north; so far, none of these have appeared when I have been at home. Es activity seems to be off to a trickle-start and a new antenna under construction for my n.w. USA quadrant (need several ch-4 and 5 stations up there) may help out this summer. New array consists of 8 CM 1226 low-band logs, 4 vertical, 4 horizontal, cleverly (I hope!) phased to knock out 15-mile distant 4 and 5 locals.

Mar 12 tr 2130 KIDZ 24 KVUE 24 KTVV 36 TX.  
Mar 19 tr 0525 KWVL 7 IA.  
Mar 25 tr t/in 0744 KHIN 36 IA, t/in 1945 KCBJ-17 MO KDNL-30 MO, 1955 WIIL-38 IN  
WIPB-49 IN, folded by 214.5.

Apr 1 tr t/in 0740 KHNE-29 NE.  
Apr 8 tr 0745-0748 KDNL-30 MO.  
Apr 11 Es 0905-0915 ch 2, weak.  
Apr 14 tr 1935 KCBJ-17 MO, 2003 WICS 20 IL KDNL-30 MO.  
Apr 17 tr t/in 2200 KMEG 14 IA KYNE-26 NE KBIN-32 KHIN-36 IA K7ØEK K71BO K75CH KS  
KSIN-27 IA K18AA KS KVUE 24 TX KTVV 36 TX KETV 7 NE.

Apr 22 tr t/in 0755 KXIX 19 KVUE 24 KTVV 36 KDOG 26 KHTV 39 TX KLAA-14 LA WAPT-16  
MS WLPB-27 IA WMAA 29 MS WRBT-33 IA and K76CL Bryan TX (stn #652). I have been chasing this U translator for years, knowing I was far out of its antenna pattern; 340 miles.

Apr 23 tr t/in 0755 WAPT 16 MS KLAA 14 LA WMAV 18 WMAA 29 MS.  
Es 2130-2140, ch 2.  
Apr 26 tr t/in KIDZ-24 KVUE 24 KHTV 39 KDOG-26 TX, t/in 2200 KDOG-26 TX KPLC-7 LA  
KHTV 39 TX KEDT 16 TX.

Apr 27 tr t/in 0623 KHOU-11 KTRK-13 KDOG-26 TX, 0655 KHTV 39 TX WAPT-16 MS,  
0745 WMAV 18 WMAV 14 MS.

May 4 tr t/in 0700 WAPT-16 MS.  
May 5 tr t/in WMAW 14 MS KLAA-14 LA KDNL-30 MO WLKY-32 KY WCFT-33 AL WMAA 29  
(t/in 0705) WMAO 23 WMAH 19 WMAU 17 MS WAPT-16 MS, 0711 WLOX-13 MS, 0729 WGN0-26 LA.  
Es 0744 CKCO-2 Ont; tr WLPB-27 LA WEIQ 42 AL WHTV 24 MS WSRE-23 (stn #653, 705)

Steven Wiseblood, 707 Loma Way, Santa Maria, California 93454 (20Apr-11May)(CST;CDT25Apr)  
 (This report covers DX from 12 January, since no DX was observed from then to 19 April.)

Antenna: 25-el ACA-525 @ 25', 22-el UHF @ 30'. TV: 19" Packard Bell (1959 BW)  
 20 Es 1505 unId 2 10kHz to KNXT until 1539 4 Es 1326 unids 2 n.e. ABC-PDT (KREM?) T  
 21 Es afternoon, various on 2, weak 1920 KREM? 2 WA (To Tell Truth) T 899  
 22 Es afternoon, various on 2, weak 22? 1930 WSB-? 2 Atlanta GA (NBC pgm)  
 23 Es 1414 unids 2-3, strong 0kHz to KEYT-3 (Peachtree Lane mentioned on ad)  
 1416 MUF to ch 5 2126 unId 2 NBC-CDT(Carson)ene, MUF-3  
 1430 KWAB 4 Big Spring TX 1094 5 Es 1 55 unId 2 weak  
 1500 unId 2 Spanish (Mexico) 5 Es 1300 KMID- 2 Midland TX (Ironside)1066  
 1919 KMID- 2 TX (strong NBC) T1066 1300 MUF Ch 3  
 1944 unId 4 KWAB? TX T 195 unids 2-4  
 2 Es 1514 KATU 2 Portland OR (ad) 741 1959 KTVY 4 CKCity(end NBCmovies)1281  
 1846 unId 2-5 2000 KOCO- 5 CKC(beginEyewitn.nx) 1281  
 25 Es 0832 unids 2-5 7 Es 12 6 unId 2 weak  
 0859 KMID- 2 TX(in'til after 1000)1066 8 Es 1335 unId 2 weak, n.n.w.  
 0914 MUF 94.1 9 Es 1528 unId 2 very weak, e.n.e.  
 1200 unids 2 n.n.w. (Canada?) 11 Es 1303 KMID- 2 Midland TX 1066  
 2 Es 1012 unId 2 (KMID? TX) T 13 1 unids 4-5 (Gilligans Island on 4)  
 2 MS 0710 unids 2-5, super, overlapping, 5-min. 1 12 MUF @ 101.5

Although it seemed like there was some kind of Es just about every day since 4-20, most of it has been the weak variety, with exception of 4-23,25 and 5-4,6 & 11. I'm now temporarily using the Packard-Bell TV, since the Sharp 12" TV had a bad tuner which I'm going to have to replace. I hope the season steps up from the slow pace it has started on, even though it was a fairly early start. Well, '73's.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (6 Apr - 7 May) (CST)

Equipment: 1976 9-inch solid-state Penncrest black-and-white; Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor

10 tr 0118 KBMT-12 TX 275	23 tr 0105 KKAS- 5 TX 240	1114 WSB - 2 GA 880
0123 KPLC- 7 LA 325	Es 1412-1530 KNXT 2 CA (spotty) 1190	1130 WBTV 3 NC 1105
11 tr 1028 KOSA- 7 TX 280	2045 unId 2 west, brief 1230 f/out	1159 WSJK- 2 TN 1010
1029 KMID- 2 TX 275	0130 KCBD-11 TX 340	1300 unId 2 brief
14 tr 0115 KWSW- 8 NM 440	24 tr 0131 KMID- 2 TX 275	4 ms 1159 KQTV 2 MO 750
0124 KBIM-10 NM 440	0132 WFAA- 8 TX 250	tr 1959 KPLC- 7 LA 325
KCBD-11 TX 340	KDFW 4 TX 250	2110 KFDL- 6 TX 275
1810 KMID- 2 TX 275	25 Es 0825 KNBC 4 CA 1190	KBMT-12 TX T 275
KOSA- 7 TX 280	0829 KNXT 2 CA 1190	WRBT 33 LA 450
2310 KPLC- 7 LA 325	0845 KTLA 5 CA T1190	2114 KLPY-10 LA 395
WAFB- 9 LA T 450	0929 KOTA- 3 SD 1040	2334 WGNO-26 LA 510
2313 KLPY-10 LA 295	0959 KORK- 3 NV 1050	2340 KALB- 5 LA T 385
2329 WGNO-26 LA T 510	1025 f/out	2 tr 0005 WFAA- 8 TX 250
WBRZ 2 LA T 450	1110-20 KWGN-2 CO T 810	WVUE 8 LA 510
2359 WAPT 16 MS T 525	26 Es 1035 un.2 Cuba? Mexico? 0012 WAFB- 9 LA 450	0030 WBRZ 2 LA f/out
15 tr 0058 WLOX-13 MS 570	1200 f/out	KTAL- 6 LA 380
0059 WALA-10 AL 630	1725 WESH- 2 FL 1055	0034 KKAS- 5 TX 240
0100 KALB- 5 LA 385	1735 f/out	0050 KDFW 4 TX 250
0105 WVUE 8 LA T 510	1400 WTWO 2 IN 935	Es 0835-50 2 north,mixed with many meteors
0116 WKRG- 5 AL 630	28 ms 1659 WPMY- 2 NC 1175	6 ms 0130 WLW-D 2 OH(tp)1075
0236 KSLA-12 LA 350	WFBC- 4 SC T1010	0515:30WEAR-3FL(cb) 685
16 tr 0859 KTEN 10 OK AdaN385	1702 unId 5	0520:15 WTWO2IN(cb) 935
17 Es 1115 KUSD- 2 SD T 920	1714 WCBD 2 SC 1120	0527:30 WMT-2IA(tp) 945
1129 KDLO- 3 SD 1070	1715 WSAV- 3 GA 1050	0530:35 WMAB2MS(cb) 615
1145 f/out	1830 f/out(spotty17 5+)	Es 2050 KWGN 2 CO 810
1210-50 unids 2 n,spotty	0944 WEDU 3 FL 985	2059 KTW- 2 WY T1015
20 ms 2203 WBAY- 2 WI 1190	0959 WESH- 2 FL 1055	KOA - 4 CO T 810
21 Es 1317-24 unId 2	1000 WJXT- 4 FL T1015	2115 f/out
tr 2359 KPLC- 7 LA 325	(non-2offset CBS)	7 Es 0715 WESH- 2 FL T1055
22 tr 0100 KKAS- 5 TX 240	1005 WUFT 5 FL T 975	0729 WEDU 3 FL 985
ms 0116:40 WKRG- 5 AL 630	1030 WTVY- 4 AL T 795	0735 WTWJ 4 FL T1150
(my 1st Ch-5 ms ID)	(ø CBS) (ø NBC)	0759 WPBT 2 FL 1150
tr 1559 KOSA- 7 TX 280	1045 WCIV 4 SC T1120	0803 WFTV 5 FL T1150
1801 KMID- 2 TX 275	1055 WSAV- 3 GA 1050	0815 WCIX 6 FL T1150
2205 WRBT 33 LA T 450	1059 WCBD 2 SC 1120	(MUF to 89.7)
2215 KPLC- 7 LA T 325	WDIQ 2 AL 730	
	1100 WRBL- 3 GA 830	

None of the trans-Gulf tropo this spring that has been occurring for the last few years regularly. Es season a little late getting started but several openings. Tried for some of the meteor showers. Finally got a Ch-5 ID with that mode, but as luck would have it, it was for a re-log (prior by tropo). 73, WA5IYX.



Doug Everitt, 1708 W. Maine Avenue, Enid, Oklahoma 73701 (3Mar- 26Apr) (CST; CDT 25 Apr+)

Equipment: Sony XE4242 B&W detent UHF; 7-ft dish. Log now at 177.

5 tr 2315 KTVJ 16 MO Joplin (220) Only U stn seen tonight...

9 trGW 1945 K77BI, K79AZ, K81AN w/new dish (40)

11 tr 2003 KIDZ 24 TX Wichita Falls (180) Hollywood Tele Theatre  
 2149 KTSB 27 KS Topeka (220) Escape from Manzanar  
 2205 KXTX 39 TX Dallas (255) Relig  
 2207 KTVT 11 TX Ft.Worth (255) News  
 2220 WFAA 8 TX Dallas (255) News

19 tr 0624 KETV 7 NE Omaha (350) ATB, pic of stu til 0623  
 0626 KCMO 5 MO Kansas City (260) Sunrise Semester  
 0627 WDAF 4 MO Kansas City (260) Devotional  
 0632 KBMA 41 MO Kansas City (260) CB, later 5555  
 0635 K7P-- KS ? KARD xltr nice signal...  
 0644 KTVO 3 IA Ottumwa (410) Mod RETMA o/KARD; Ø CCI  
 0704 WTVQ217 IL Rockford (620) Def. NBC, very tentative...  
 0706 KNEG 14 IA Souix City (420) CBS Morning News  
 0713 KTSB 27 KS Topeka (220) In at local level for hours...  
 0724 KCPT 19 MO Kansas City (260) ID w/announcement  
 0731 KDIN 11 IA Des Moines (430) adj.ch.QRM KAKE & KTVH  
 0733 KHIN 36 IA Red Oak (340) Like local, in for hours...  
 0735 KRIN?32 IA Waterloo (510) Cud be KBIN; 2Ø CCI  
 0834 KVUE 24 TX Austin (430) New duct to south...  
 0838 KTVV 36 TX Austin (430) No CCI KHIN w/new dish  
 0841 KNCT 46 TX Belton (380) ID 0844  
 0935 KHIN 36 still in snowfree (340) Sesame Street  
 0939 KTXS 12 TX Sweetwater (310) Henry's Den, as usual...  
 1037 WMTV 215 WI Madison (640) Def.NBC; Hollywood Squares;  
 signal quite strong at times; moderate QSB; f/out 1056, drat!

1108 KIIN 12 IA Iowa City (490) ID 1110 f/out tr 1130  
 20 tr 0000 KLTV 7 TX Tyler (320) ID, News, Brief tr reprise...  
 0006 KXTX 39 TX Dallas (255) f/out tr 0025

25 tr 0712 KLOE 10 KS Goodland (290) KS,CO,NE News  
 0726 KTVG 6 KS Ensign (170) KBS News  
 0731 KGLD 11 KS Garden City (200) KSN; Today  
 0733 KUPK 13 KS Garden City (200) Local 4H program  
 0736 KOMC 8 NE McCook (300) KSN; Today  
 0809 KAYS 7 KS Hays (190) Capt.Kangaroo  
 0840 KCKT 2 KS Great Bend (150) In usually, but weaker  
 0903 KAMR 4 TX Amarillo (230) Only stn from west; thru KTVY  
 1046 KOEK 21 MO Springfield (270) Tr spreading east; ID slide  
 1050 KYTV, KOLR, KODE, KTVJ, KMTC in w/good signals; KOAM snowfree  
 1115 Tr fadeout to north, total f/out 1130.

28 tr 0830 KYTV, KOAM, KOLR, KODE, KTVJ, KMTC in w/good signals (190/220/270)

12 tr 0005 KHAS 5 NE Hastings (290) s/off; thru KOCO; no other tr seen.

19 MS All AM, many bursts, peak east. Lyrids? No IDs seen, drat!

23 tr 1000 KAMR 4 TX Amarillo (230) ID  
 1016 KVII 7 TX Amarillo (230) Dick Van Dyke  
 1018 KFJA 10 TX Amarillo (230) Gambit; Area FMs in well, too.

26 MS 1205 UnLD 2 antenna NE; 5 seconds Sesame Street  
 1216 UnID 2 antenna SW; 10 seconds Galloping Gourmet  
 " Es 1315 UnIDs 2,3,4 antenna NNE; opening only lasted 10 minutes;  
 NBC on 2 & 3, CBS on 4 MUF ch. 4 for 2 or 3 min., then  
 rapid descend thru 3, 2; no sign of Es at 1325. This is  
 the first Es seen here this spring!

As you can see, we had some nice tropo during March. However, April was pretty much a washout. March tropo can probably be attributed to the abnormally warm weather. I'm not complaining.

The strange 10-minute Es opening on April 26 was interesting. I've never seen MUF rise so fast and then fall again, all inside of 10 minutes. Why couldn't it have happened at 10 time? The mere sign of spring-summer Es season's start stirs up a DX'ers blood!

I'm very pleased with the new dish, though it took a little adjustment to its extreme directivity. I'm not used to having to rotate a full 360° to determine presence of a weak tropo opening. I found a preamp for it, by the way; I plan to use the GM C071b about which I've heard good reports.

(continued on page 36)

# 7 FEET OF TV DX

A WTFDA EXCLUSIVE: \*\*  
SPECIAL REPORT ON \*\*  
THE VIDEOBEAM SET \*\*

THROW OUT YOUR 25-INCH COLOR SET, THE 84-INCHER IS HERE! by Clarke W. Ingram

HOW WOULD YOU LIKE to be DXing MS some morning and suddenly see before your eyes a long-sought test pattern, nearly as tall as you are? Or perhaps view, in letters two feet large, the small ID supered over color bars which has eluded your vision for so long? Then again, maybe your delight is in detecting those superimposed IDs which occur so often during programming?

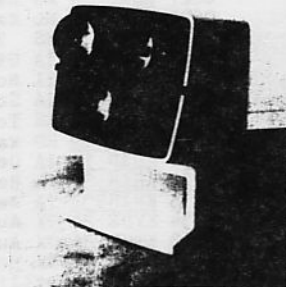
With the new VideoBeam Projection Color Television, all three of the above can and do occur.

Believe it or not, you probably have seen large-screen projection television in the past. It is frequently used for closed-circuit telecasts of major sports (in theaters where the seats sell for \$6 a head) and is sometimes used for special background effects on network telecasts. If you've seen the United States space shots, then you've probably spotted the large display on which NASA monitors the spacecraft at Mission Control.

These complex and sophisticated receiving systems range in price up to \$30,000, which is beyond the means of practically any individual. And the size of such units generally rules out usage in any small place (such as a DX shack).

The Advent VideoBeam projection set has managed to reduce the price of such a unit to where it might be within the means of some TVDX enthusiasts, by fixing several distances in the projection and eliminating needless materials.

Until this time, Advent Corporation had been known to most folks as a specialist in stereo components and systems. In 1967, however, the company embarked on a major new development project: to produce a reasonably-priced, large-screen television system which would be convenient to use. The result of these seven years of research is now reaching the commercial market in the form of the Advent Video Beam projection television receiver, available now in many stores.

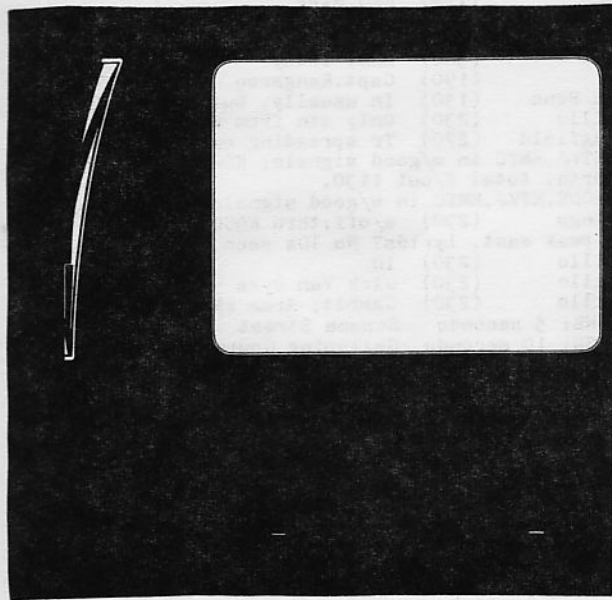


(Figure 1 - Projector)

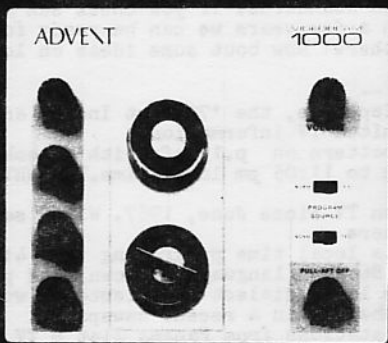
The Video Beam set consists of two units: a receiver-projector unit and a separate free-standing screen. The projector, shown above, receives TV signals in much the same way as the conventional receiver. After picking up these signals, however, the light from a small TV screen inside the projector is reflected onto the Video Beam screen. In a like manner, the sound is reflected, so that it appears to come directly from it also.

The screen, a diagram of which is to the left, bears no resemblance to a conventional TV screen. It is basically an advanced type of movie screen utilizing a new, highly reflective aluminum material. As the light is projected on the screen, it directs the picture back to the viewer with virtually no glare.

(continued)



In addition, there is no radiation danger to the viewer, as only the light and not the electron beam from the small TV screen is reflected to the big screen. The screen stands on legs, with the lower edge nearly three feet from the floor, and its total height is approximately seven feet. It is possible to wall-mount the screen (brackets for the purpose are available), but to do so requires much effort and careful measurements.

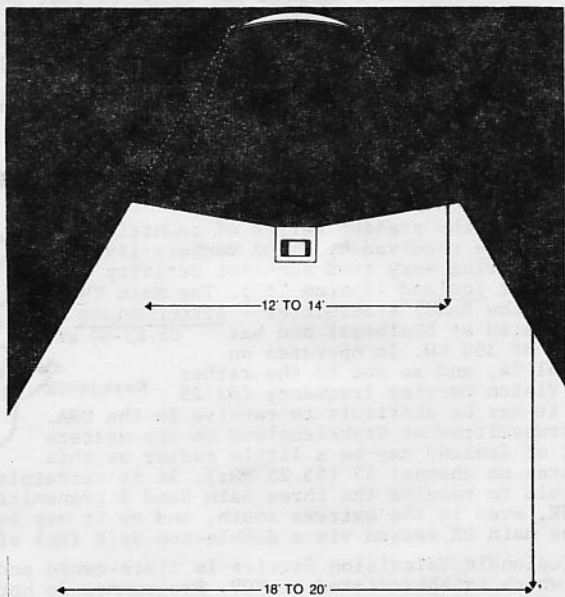


I travelled to the local Video Beam dealer (Opus One, in this case) and examined the set first-hand. With no more than rabbit ears attached, signal quality and resolution were excellent on the four local stations. Sensitivity also was very good on several semi-locals. Since the set lacked a UHF antenna, I was unable to test sensitivity and selectivity on that band; it is per-

haps important to note, however, that (being a creation of the pre-FCC intervention era) the set does not feature a UHF detent tuner.

The controls, shown above, may seem complicated to some, but their operation is easily assimilated even by the unacquainted. The set does feature Automatic Fine Tuning (switchable, I hastily add) and will accommodate video cassette or taped programs as well as permitting direct recording of audio through several video and audio input and output jacks (utilizing RCA phono jacks). The antenna inputs are 75 ohms unbalanced for both VHF and UHF. The receiver also---and get this, MS DXers---generates its own cross-hatch test pattern for adjustment of focus and static convergence.

Perhaps the nicest feature of this receiver may be the wide viewing range. As indicated to the right, the viewer may stand anywhere from 12 to 14 feet to either side and still view the screen very clearly at a horizontal distance of 12 feet. The further away the viewer progresses from the set, the wider the viewing angle becomes. Various sources place this anywhere from 60° to 80°---far more than with conventional sets. Thus, it is not impossible to conceive of a DXer watching the set anxiously for any signs of TV DX while listening to his stereo receiver for FM DX on the other side of the room!



The price of this new boon to TV DXing? Around \$3700. Save up! ---CWI

# INTERNATIONAL NOTES from

KEITH R. SIMON  
528 Pilgrim Road  
West Palm Beach, Fla. 33405

Once again I'm indebted to Keith Hamer for another report from Europe. This one covers Iceland and should well be within range of the Northeast US and Canada.

I'm working on a plan that would allow a small box to be added to an inexpensive B&W tube TV and by throwing switches the set would be capable of receiving European standards. If you check sun spot figures now you say why, but in a few years we can be ready for TAs!

Any antenna builders out there? How bout some ideas on low band arrays for TAs.

Meanwhile back in the hemisphere, the '75 West Indies and Caribbean handbook provides some limited TV information.

CBC-TV in Barbados (test pattern on p.13 of Keith's book) lists operation schedule from 4:30 pm to 11:05 pm local time. The WRTH show them on ch.3.

In St. Lucia, there has been TV since June, 1967. WI&CH says CBC and ORTV (now TR3?) are seen there

Curacao's Telecuracao lists local time programing from 4:30 pm to 11:30 pm. They carry Sesame Street (language unknown) and programs are in English, Spanish and the local dialect Papaminto as well as Dutch according to a program schedule in a recent newspaper.

Also the official list of stations from Panama list 8 TV stations in 1971.

A note from personal experience, distrust WRTH and FBIS as WRTH treat TV and FM as a poor sister and by the very nature of the FBIS lists they are dated by at least a year at publication.

Also if you are confused by letter with channel numbers, I am listing the generally accepted abbreviations.

A = American	AU= Australian	R = Russian or ORIT
E = European	F = French	IR= Irish
IT = Italian	J = Japan	MA= Malaysia
M = Moroccan	NZ= New Zealand	UK= United Kingdom

Next month I'll list all channels that have one or more frequencies below 60 MHz.

All foreign members are requested to write me with a brief outline of TV and FM in theirs and neighboring countries.

73s and GUD DXing!

*Kem.*

We continue the present series of countries most likely to be received by WTFDA members living in the USA during very good sun-spot activity by looking at Iceland (System "B"). The main VHF Band I (Low Band) transmitter STYKKISHOLMUR is situated at Skalafell and has Ch.E3-90 kw. an ERP of 300 kW. It operates on channel E4, and so due to the rather high Vision Carrier frequency (62.25 MHz) it may be difficult to receive in the USA. The transmitter at Stykkisholmur on the western coast of Iceland may be a little easier as this operates on channel E3 (55.25 MHz). It is certainly possible to receive the three main Band I transmitters in the UK, even in the extreme south, and so it may be possible to receive Iceland in the main DX season via a double-hop Sp.E (Es) signal.

The Icelandic Television Service is state-owned and known as Ríkisútvarpið Sjónvarp which is abbreviated to RUV. Programmes do not normally begin until 20.30 Central European Time (EST + 6 hrs) and so for most of the day an electronic test card is transmitted, normally without identification. Their Clock caption is shown just before programme commencement and includes an outline of Iceland. Full details can be found in the book, "Guide to World-Wide Television Test Cards" (see last month's VHF-UHF Digest for further information on ordering).



# TV QSL CORNER

PAUL D. TRASKA  
64 WEAVER AVENUE  
BUFFALO, NY 14206

IMPORTANT NOTICE: the dead line for the all night movies is JULY 14th; this is the last date for any information sent to me to be printed in the article..as of now I have a pretty good percent of INFO, but a few tid-bits would be appreciated, such as the TITLE of the all night movies.

A additional note: QSL information should be on 3x5 index cards, for practical and convenient use or zerox copy. now here come the QSL's....


- CO KTVS ch 3 Sterling-P.O. box 868,80751.QSL card-C M. Lenihan (?) 2 weeks. (EB) Ed sent L-photo,they sent M-INFO for 30% RP...
- GA WCWB ch 41 Macon-P.O. box 4328,31208. L-Joe Spears (?) CE. one week-to a Tent. report. (KRS)
- IN WTTV ch 4 Indianapolis-3490 bluff rd.46217.QSL card-NO SIGNER..... 6 months ( TJY)
- WRTV ch 6 Indianapolis-1330 N.meridan st.46202.QSL card-R W. Flauders, DE. 2 months (TJY)
- KY WAVE ch 3 Louisville-725 south floyd,40203.QSL card-NO SIGNER..... 2½ weeks (TJY)
- MI WJMN ch 3 Escanaba-(sat) L-from WFRV-5,Harry Hills-CE.1181 E.mason st. Green Bay WI.54305 1½ months (TJY)
- NJ WBTV ch 68 Newark-(416 eagle rock ave.West Orange,NJ 07052) L-Keith A. Houser. AGC 3 months (TJY)
- OH WJAN ch 17 Canton-box 8080,44711-L-booklet w/M & S.Robert M. Carano GM 3 weeks (EB)
- WKYC ch 3 Cleveland-1403 east sixth st.44114.L-M-S Ray Smith.MTO.8 days (EB)
- VA W41AB Madison-(xltr-WVPT-51) port republic rd.22801.2 weeks (TJY)  
W42AC Strasburg-(xltr-WVPT-51) both are 1 kw. (?) (TJY)
- WI WSAU ch 7 Wausau-714 fifth st.54401-QSL card,D F. Cockart.CE.(?) nice, qsl w/all INFO 6½x3½ (MDS)
- WV WSAZ ch 3 Huntington-655 5th ave.25721.L-John P. Clay CE,20 days (TJY)  
WCHS ch 8 Charleston-1111 virginia st.25301.L-Bob Roush CE.after 2nd try, 3 months (TJY)
- WOWK ch 13 Huntington-ex-WHTN) 625 fourth ave,25701.note on coverage map, NO SIGNER.....2nd try in two weeks (TJY)

CONTRIBUTOR'S: Michael D. Schoenfuss, Abbotsford WI.(KWI9AT) -MDS-  
Ed Brindle, Latrobe PA.(WDX3IKH) -EB-  
Kenneth R. Simon, West Palm Beach, FL. -KRS-  
Thomas J. Yingling-Jr. Baltimore MD.(WDX3OMY) -TJY-

TWO NEW contributor's for this months "TV QSL Corner" plus Ken & Tom, which are frequently seen in the QSL corners..maybe next month there be more contributors, or you might possibly surprise me with none..? THANKS to this months contributors, & keep the slick loose.

73's Paul

**GROSS TELECASTING, INC.**



## WJIM


**AM** | **TV** | **FM**

1240 KC.  
1000 Watts Day  
250 Watts Nite

Channel 6  
100 KW - ERP

97.5 MC.  
28 KW - ERP

2820 E. SAGINAW  
LANSING, MICHIGAN



**This is to verify your reception of WJIM TV on 3/26 at 0151**

**Thank you for your DX report**

Carl Ocker

CHIEF ENGINEER

CLARKE W. INGRAM

# FM QSL CORNER

221 Pinewood Road  
Baltimore, MD 21222

Deadline: 15th

- IA KFMW 107.9 Waterloo, East 4th & Franklin, 50703- letter, Dan Davies, Gen Man
- MN KAUS 99.9 Austin, P O Box 159, 55912- letter, Jim Hardy, Chief Engineer
- WI WSPT 97.9 Stevens Point, 500 Division St, 54481- form letter, Jim Tuszka, CE  
 WCOW 97.1 Sparta, 209 East Main St, 54656- letter, John D. Rice, President  
 WCCN 107.5 Neillville, 54456- reception report returned with confirmation typed on it, signed by Chuck Klieforth, Chief Engineer
- WIFC 95.5 Wausau, 54401- QSL Card signed by D. F. Cochart (Cockart ?) CE  
 WIGM 99.3 Medford, Lock Box 59, 54451- letter, Ray Bohnert, CE with a promotional sheet on station.

Well, another month with only one reporter. This time its Michael D. Schoenfass, KWI9AT, of Abbotsford, Wisconsin. I'm beginning to wonder what happen to the FM QSL Getters the club had before. All you have to do is look in your QSL collection and find the FM QSL's. Send in information about what station, address, verie signers, and then what they send, like coverage maps, etc. letter or card. Send them in on a post card or letter to me by the 15th of the month. 73's for now.

*Tom*

## WESTERN TV-DX (continued from page 31)

June 1976

Well, I finally got detent tuning for UHF, with a small B&W set (Quasar XE4242) which came with out motor home. I got the set connected just in time, too. About two hours after I brought it in, the Sony's UHF tuner blew! Next project with probably be a new color set, probably a Sony KV1203.

In regard to my CATV leakage problems, the QRM suddenly ceased on April 23, after a day or two of extreme interference to my system. I'm not sure what the problem was, but the CATV pictures seem to look better, too. I suppose the cable company was having technical difficulties. Anyway, I'm a lot happier without the problem, since I'm all in favor of CATV for just normal viewing. 73s and the Best of DX!

Jim Pizzi, 300 Park, Orcutt, California 93454 (10 Apr - 11 May) (CST; CDT 25 Apr+)

10 tr 0059 KCRA- 3 Sacto 5454	1030 K74CS Bradley 3454	1030 KATU 2 OR (Id)
22 tr 0200 KABC- 7 L.A. "	(KQED9) (KTEH54)	1043 KOMO? 4 (childpgm)
Es 1115 up-fade 2 unId SS	K77CDHllistr3345	1100 CBUT 2 BC (Id)
(woman singing at piano, deaf hand signs)	1110 KTEH 54 San Jose	tr 1545 20,38,44,60 SFran.
(SanJose, CR orManaguaWid)	1111 KGSC 36 San Jose	6 Es 1300 KMID- 2 Midland TX
1345 east 4(MikeDouglas)	1120 KBHK 44 San Fran.	7 tr 14-1600 28,40,58 L.A.CA
1350 unId 2 SS	Es 1132 KCKT 2 GrBend KS	(20db rapid sec fades)
1905 east 2 policestory	1203 east 2 nx(black woman reporter)	KNXT 2 L.A. CA
tr 2304 KGSC 36 San Jose	tr 1220 K29AB(10kHz-KBAK)	(20db slow5-10min fades)
25 Es 1000 KMID- 2 Midland TX	(KGSC36)Monterey CA	8 tr 10-1300 KTVU 2 Oakland
1131 KATU 2 OR(Id1200)	1222 KMST 6 Monterey	ms " (lots to n.e.)
1137 CBUT 2 BC(CBC)T	Es 1235 unId 2 east	1323 unId 2 s.e. SS
1137 KOMO- 4 WA (ABC)	1935 unId 2 east	(variety w/auto racefilm)
1140 unId 2 n.,relig.	5 Es 0927 CHBC- 2 KelownaBC	11 Es 1245 KACB? 3 (0-KEYT)
29 tr 1000 KTVU 2 Oakland	(nx- Id 0945)	1300 KMID- 2 TX
KRON- 4 San Fran.	tr 0930 KTVU 2 Oakland	KWAB 3 BSpring TX
1 tr 1130 KPMB- 8 San Diego	Es 0935 north-2(CBCsoapop)	1400 KMOL 4 SanAntonioTX
KGTV 10 San Diego	0945 KREM- 2 (Id 1005)	KENS- 5 SanAntonio
4 tr 1015 KNTV 11 SJose5555	1005 KXLY? 4 (orKOMO?)	1428 KDFW 4 Dallas TX
KSBW- 8 Salns5555		KTX? 5 (PBS) T

On 4-15 we had winds of more than 50 mph. KUNA 96.1, KZOO 93.3 & KSBY-6 San Luis Obispo were off air all day. Our local airport and Vandenberg AFB airport operated on battery power and both VOR's were off. At 1739 logged KVIE-6 Sacramento. Local AM stn KUHL-1440 was noted splattering on chs. 5 thru 13. Cable TV was knocked out and KBAK-29 Bakersfield was on reduced power (resumed full power 1805 on 16th). My ch-4 & 5 system blew over at 1630 (guy hook pulled out of roof). System reinstalled on 4-24. Wind on 4-25 clocked at 37 mph here. Santa Maria is the Chicago of the West!

Best of DX to all

Dennis

# TV CCI

## UNIDENTIFIED TV-DX

Frank Aden, Jr.  
1535 NW Ithaca Ave.  
Bend OR 97701

JUNE 1976

Not one unid was sent in this month so with this column a list of regional networks will be presented. I plan to cover all US and Canadian regional networks in the next few columns or when space permits. This month: Global TV Network, Spanish International Network and the Atlantic TV System. If anyone needs program schedules from these three send a SASE as I now have them.



**ATLANTIC  
TELEVISION  
SYSTEM**

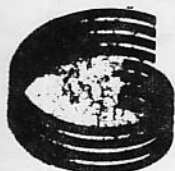
2885 Robie Street  
Halifax, Nova Scotia B3J 2Z4

CJCH ch. 5 Halifax, NS All eight stations are listed  
CKCW ch. 2 Moncton, NB also as CTV affiliates.  
CJCB ch. 4 Sydney, NS  
CJCH6 ch. 6 Caledonia, NS (Sat. of CJCH)  
CJCB1 ch. 6 Inverness, NS (Sat. of CJCH)  
CHLT ch. 9 Saint John, NB (Sat. of CKCW)  
CJCH1 ch. 10 Canning, NS (Sat. of CJCH)  
CKAM ch. 12 Upsalquitch Lake, NB (Sat. of CKCW)



The U.S. Spanish Television Network  
250 Park Avenue, New York, N.Y. 10017

WLTV ch. 23 Miami, FL  
WCIU ch. 26 Chicago, IL  
KMXN ch. 23 Albuquerque, NM  
KMEX ch. 34 Los Angeles, CA  
KFTV ch. 21 Fresno, CA  
KLOC ch. 19 Modesto, CA  
KDTV ch. 60 San Francisco, CA  
KWEX ch. 41 San Antonio, TX  
WXTV ch. 41 New York, NY  
KDOG ch. 26 Houston, TX  
XEWT ch. 12 Tijuana, BC  
XEJ ch. 5 C. Juarez, CHIH.  
XHBC ch. 3 Mexicali, BC  
XEFE ch. 2 Nuevo Laredo, TAMS.



CKGN1 ch. 22 Cottam, ON  
CKGN22 ch. 22 Uxbridge, ON  
CKGN29 ch. 29 Oil Springs, ON  
CKGN ch. 6 Paris, ON  
CKGN ch. 6 Ottawa, ON  
CKGN ch. 2 Bancroft, ON

Please look over the list of wanted TV GUIDES in the May TV-CCI. They may help to ID another member's DX.

73's

*Frank*

## SPECIAL from Ken Simon: HAITI TV-FM

HAITI -as far as can be determined from both am and pm observations from the airport at PORT AU PRINCE no over the air TV exists in the area. It is believed a ch.5 is used on a wired network.

FMs: 88.3	R.Lumiere	P/A/P
97.7	R.Lumiere	P/A/P
100.0	R.Metropole	P/A/P
106.1	R.Haiti	P/A/P

--all appear to be mono.

# FM CCI UNIDENTIFIED FM-DX

Rod O'Connor  
P.O. Box 72  
Southwest Harbor, ME  
04890

## Greetings!

The first month of FM-CCI got off to a start with several members sending in some logs and information. They are appreciated. Thanks especially to: Joseph McNiff of Water-town, MA (Good to hear from a fellow Bostonian); Andrew G. Smith from Hyattsville, MD; and Ken Simon of West Palm Beach FL (That was your post-card wasn't it?)

No reports have come in yet, but I hope we can get a few during June when conditions improve. Down-East here conditions have been ultra-poor so far this spring.

Since there are no reports or mysteries yet to fill up space, I may as well pass on some general information to all.

Those of you planning on traveling this summer, and visiting the Down East area of Maine, and love DX-ing, then I have a must for you. In Acadia National Park at Bar Harbor, Cadillac Mountain looms 1,530 feet into the air, making it the highest point along the Atlantic Coast of the U.S. To further add to its noteworthiness is the fact that an excellent 8-mile paved highway leads to the top of the mountain offering all superb DX-ing capabilities. There is plenty of parking space at the summit for motor-homes, trailers, campers, etc. Unfortunately there is no overnight parking permitted, but you could find some campgrounds available in the nearby area. Anyway being up 1,500 feet offers all excellent VHF/TW/FSB and of course FM reception, and I have spent several evenings atop there with my FM Radio dial absolutely jammed with stations. Another fine spot for "High Level" DX-ing is Mount Rattle, near Camden, ME at Camden Hills state park, along U.S. Route One. Although Mt. Rattle is only half the height of Cadillac, it too offers good possibilities.

Those of you up on PSR DX-ing will find Cadillac Mountain the home of several PSR and VHF transmitters, including the site of my unit's transmitter. Being stationed here in Southwest Harbor in the U.S. Coast Guard, we have the highest VHF transmitter on the east coast. (Or so we like to think) Our VHF signal goes out over the water an average of 75-miles, and when it comes to working distress cases offshore, we send out a fine signal. Those of you with scanners may enjoy listening to us. Our main frequencies are Channel 22 (157.10) and 83 (157.175), as well as the international distress frequency of channel 16 (156.80) We have been heard as far away as Delaware during good skip periods, although I feel we have gone further. Anyway, if you enjoy listening to rescues, or just routine military traffic, then lend an ear. (You will NOT hear top-secret information, I promise, so don't expect to hear any "red-alerts") We identify as Coast Guard Group Southwest Harbor, MAINE.

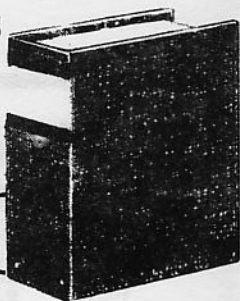
So much for this month's column. Please send your mind-bogglers to me and I shall report again next month.

*Rod*  
Rod O'Connor

## STOP WRESTLING with your VUD's ...BOX THEM with a VUD BOXER!

Your personal copies of the VHF-UHF DIGEST will be neat and always ready for easy reference in these handsome containers, which hold about 20 offset printed issues apiece. Perfect for other club bulletins, too!  
ORDER TODAY FROM WTFDA HEADQUARTERS!!!

\$1.50





# Announcing WTFDA'S 8TH ANNUAL CONVENTION!

CHICAGO  
AUGUST  
6-7-8  
'76

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.

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 convention schedule... registration, gab sessions and showing of DX films, slides, and tapes Friday night. A tour of a Chicago TV station is tentatively planned for Friday afternoon. Saturday will feature those always interesting talks and demonstrations, including a Panasonic color video cassette recorder and camera demo. You'll learn how a video recorder can be used as a DX tool and what kind of recorder is best for you. Equipment demonstrations covering FM and PSB are also planned. Saturday night will be the traditional banquet and door prize drawing, then more BS (er... gab) sessions till?? 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.

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. LOOK for more details in the July VUD.

## THIS IS YOUR DX

C P CLEANING  
15920 Puritan St.  
Detroit, Mi. 48227

Well, it's a nice day here! Troops was in again this morning. One thing wrong---it's time for the column and there's no copy from you DXers! So you fellows write or type out your DX stories or experiences and send them to me. Use the above address and I will get them okay. We have the space in the VUD, so get it together and mail to me for the next issue! We don't want to lose that space---do we??

That's it for now---good DXing.....

73's *Paul* Paul Gaines

POST OFFICE BOX 163, DEERFIELD, ILLINOIS 60015 USA  
**WORLDWIDE TV-FM DX ASSOCIATION**



SERVING THE  
 VHF-UHF DX  
 ENTHUSIAST

DUES: USA and Canada, \$11 (first class); overseas \$18.

The VHF-UHF Digest is the monthly publication of the Worldwide TV-FM DX Association. WTFDA is a non-profit organization and a member club in the Association of North American Radio Clubs (ANARC).

All persons contributing their efforts for the Worldwide TV-FM DX Association do so without monetary compensation. Dues and all other revenue cover printing, postage, and other expenses.

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

CONTROLLER: Gary Olson  
 BOOKKEEPER: Bruce Elving  
 PROCESSING: Dave Janowiak

S U P P L I E S and D X L I T E R A T U R E Member rates only.

REPRINT SERVICE.....	Articles from May 1972 to the present are now available. A complete catalogue can be obtained from Headquarters.	
VUD Back Issues.....	Available: Nov 1973 issue to the present. Sent by first class or special book rate.	75c each 4 for \$2.50
BEYOND SHORTWAVE....	An introduction to TV, FM, and V-U radio DX written and edited by prominent DXers.	\$1.25
TV STATION GUIDE....	An accurate listing of North and Central American TV stations, featuring maps for each channel pinpointing their locations.	\$4.00; nonmember price, \$5
THE FM ATLAS AND STATION DIRECTORY	An accurate and detailed FM listing with maps and many special articles, by Bruce F. Elving, VUD FCC-FM News column editor.	\$3.25 via First Class Mail
UHF TRANSLATOR DX GUIDE	A complete listing of US UHF translators with: call, location, power, and primary. Also: a section on DXing The Translators.	\$1.50 For A Limited Time Only!
Club Rubber Stamp...	Official WTFDA emblem, as at top of this page, but 37 mm in diameter. Order from Weldon Patterson-Box 25, Adolph MN 55701.	\$3.50 each
WTFDA Stationery...	Features the official WTFDA emblem as at top of this page printed in blue on bond.	45 sheets \$1.00
DX Log Sheets.....	These sheets punched for a 3-ring binder help to keep DXers running logs in order.	Pad of 100 \$2.50
VUD Boxers.....	Attractive cases designed to keep copies of the VHF-UHF Digest neat and organized.	\$1.50 each
Station QSL Report Forms	For requesting QSLs (verifications) from TV and FM stations. Now offset printed!	45 sheets \$1.00
DX Column Report Forms	For reporting to the numerous DX columns printed each month in the VHF-UHF Digest.	Free for a SASE

All columns and feature articles to be printed in any VUD issue should be sent to editor Clarke Ingram in Pittsburgh, PA, by the 20th of each month. All information for VUD columns should be sent to the appropriate editors; all club business (supply orders, etc.) should be sent to HQ in Deerfield.

SUPPORT THE WTFDA: BY CONTRIBUTING TO VUD COLUMNS AND PURCHASING SUPPLIES.

Serving VHF·UHF DX Enthusiasts **WTFDA**