

# VHF-UHF DIGEST

## IN THIS ISSUE:

BRUCE ELVING: "Although the FCC isn't saying it, I predict a freeze on new public FM stations, especially on new 10-watt applications, and applications for higher power stations within 100 km of channel 6 TV stations..."

ROD LUOMA: "The fire department arrived in about ten minutes and, thank God, found no fire---only the rotor control had greatly overheated, charring the top of the Zenith..."

PAUL GAINES: "When I was eleven my Dad gave me a choice of having a bicycle or a radio. I thought on for a day and made my decision. I was the only kid in the neighborhood who used a scooter..."

**AND MUCH MORE!**

IT'S **ESKIP** TIME



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

**May 1976**



# **publishers' notes...**

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

**OUR COVER...** Rene Quinlan's artwork reminds all of us that it's time to prepare for E-skip (Es), that common but mysterious phenomenon which brings in low band VHF stations typically 800-1500 miles distant throughout the summer months. The start of the 1976 Es season is not indicated in this issue's DX columns; but, in a letter to your editor, Steve West of Havertown PA notes some incredible tropo ducting with reception of WSWB-35 Orlando FL and WJCL-22 Savannah GA in the wee hours of April 19! Steve states that WSWB was snow free at times, and pictures were taken, so details will presumably be in an upcoming edition of the VUD.

**LATE APRIL VUD...** The VUD paste-up continues to be delayed in the mail from Pittsburgh to Indiana for no apparent reason. Such is the disadvantage of having editor and publishers in different sections of the country. Measures are being taken to correct the situation, and hopefully no further VUDs will be late because of the Postal Service. Incidentally, any comments on mailing problems or related matters should be addressed to our publishers in Indiana, or to WTFDA HQ; remarks concerning editorial content or layout can be sent to your editor in Pittsburgh. Please wait until at least the 25th of each month before reporting a late or missing VUD.

**NEW EDITOR...** With this issue, Paul Gaines begins editorship of a column titled This Is Your DX, featuring tales of memorable DX catches or experiences submitted by members. Paul welcomes your contributions at the address listed on page 30. Still needed are editors for TV Statistics/Scoreboard, Southern FM DX, and a newly proposed "nostalgia" column. If any of these posts interest you, please contact this writer (Clarke Ingram) at 5201 Colewood Drive, Pittsburgh PA 15236 as soon as possible. Your cooperation in helping to keep the VUD one of the finest offset printed publications available will be appreciated!

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

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PLUS: Featurettes on CONVENTION '76 and NBC's \$2 Million "N" Logo!



# WTFDA MAILBOX

John Zondlo  
6617 Maryland  
Hammond, IN 46323

Greetings. Here we go for another month.....

Fred W. Born	304 Ivy St.	Bay City, MI 48706
Bradley Griffin	1533 E. Ivy Ave.	St. Paul, MN 55106
David B. Parry	22 Chestnut St.	St. Thomas, ON N5R 2A7
Craig Simons	413 Ridelle Ave.	Toronto, ON M6B 1K3
Don Storms	3475 Spring Valley Blvd.	College Park, GA 30349
David M. Wurl	Box 426	Wisconsin Dells, WI 53965

Rejoin: Dale Basten-618 Sunnycrest-Green Bay, WI 54301  
 Roger Bortree-WSYR Radio-1030 James St.-Syracuse, NY 13203  
 Gerald Katz-221 Franklin St.-Northvale, NJ 07647  
 Joe Markewicz-Box 1503-Hornell Heights, ON POH 1P0  
 Peter F. McGorty-Marpet Co. of New Hampshire-Box 3, Dame Road-Center Tuftonboro, NH 03816  
 Dean Niemi-308 N. 60th Ave. W.-Duluth, MN 55807  
 Guy Ogden-9810 Florida Blvd.-Baton Rouge, LA 70815  
 John Robertson-6065 Gardner Line-Croswell, MI 48422  
 James Shepherd-1213 Frederick-Joliet, IL 60455

Renewals: Robert Baker, Rolf Blodorn, Andy Bolin, J.D. Buch, John Czarnomski, Clinton Day, Richard Eddie, Dave Egan, Bill Feidt, Joe Fela, Bill Frahm, Bill Grant, Roger Gravelle, Hank Holbrook, William Johnson, Tom Leu, C. Edward Mauger, Tim O'Malley, Scott Sampson, James Sullivan, Steve West, Walt Windish.

New Address: Robert Baker-Box 337-Humboldt, IA 50548  
 Walt Windish-Bismarckstr. 40-3070 Nienburg-West Germany

FRED W. BORN has quite a bit of DX gear, including a Channel Master VHF chimney mounted antenna, a Channel Master 7' dish on a 10' tripod, a rotor for each antenna, and a preamp for UHF. The VHF antenna is 35' above ground, while the UHF dish is at the 40' level.

New member DAVID B. PARRY comes to us by way of St. Thomas member Roger Gravelle. His FM receiver is a Sansui SIX, connected to an antenna mounted at 45'.

There's nothing amateur about CRAIG SIMONS. Craig has been a ham for quite a while, and he's now taken up TV DXing. He's also a member of ARRL.

WTFDA is club number four for DON STORMS....he also belongs to IRCA, NRC, and NASWA. Don's DX gear includes a Dynaco AM-FM tuner and a Barlow-Wadley XCR-30.

## Tidbits.....

Here's what the latest club membership figures look like as of this writing- Feb. '76: 270, March '76: 264, April '76: 273. I hope in the future to be featuring a graph showing the membership stats for the club.

Member Mal Wessot writes: "What have the members been paying for .412 (coax)? We have many 15-20 foot shorts of .412. We might be able to help members with their .412 needs." In the market for coax for your antenna system? Write to Mal, c/o Chatham Antenna Services, 51 Austerlitz Street, Chatham, NY 12037, or call 518-392-3240. Mal is also a member of CATA (Community Antenna TV Association) and SCTE (Society of Cable TV Engineers).

The European DX Council is in the process of compiling a list of all publications having something to do with DXing or radio in general. For more information, contact EDXC-Publications Committee, p.a. Frits Mulder, Patrijtsstraat 13, Brummer 6521, The Netherlands.

Martin J. Theil (12 Princeton Dr. E., Holiday, FL 33589) writes: "The Bearcat 101 finally arrived and is a very fine piece of electronic workmanship. I would like to correspond with any club members in regards to compare different stations received on 101. Also would like frequencies of

skip and TV stations to program, hams, amateurs, Ch. "9". I have the Code book, need frequencies like 159.21. Also different opinions on indoor and outdoor antennas for Bearcat 101. My shack now consists of 19" RCA, 12" Magnavox TV, Telefunken Hi Fi AM-FM-SW, Sony tape recorder, and Bearcat 101 scanner. Rembrandt rabbit ears antenna for all TV stations." By the way, Martin, please send all Mailbag contributions to me, rather than Clarke.

Here's what Quebec member Dave Egan recently told us: "I've decided to rejoin WTFDA for another year. After thinking it over for awhile I decided that after six years in the club I may as well stick around for another 12 months. I have not resumed DXing as hobby as I have no available time, yet I am still interested in reading about others' accomplishments and in case I regain my interest and manage to find the time in the coming months I would like to stay in WTFDA. The reason I no longer DX much is due to the fact I am working fairly regularly as a mailman in Valleyfield during the week while I stick to DJ work on the weekends. This leaves me very little time to spin the dials. At night during the week I am wiped out from walking all day and during the days on the weekend I am trying to recover from a long nights' work at the disco. However, I feel that once I pick up some Es this spring my interest will return. Afterall, I have been doing DXing in one form or another since 1962. It's hard to put something you've been doing 14 years aside."

This word comes our way courtesy of Harvey B. Woodworth (142 Otsego Ave., San Francisco, CA 94112): "It's really great to be back in the WTFDA again, after being ill for several days, and, other problems that also came up at that particular time. I hope to try for some FM DX and, if all goes well, a new high gain FM antenna will be installed later on this year. Slow scan amateur television, when I first saw it in operation at Expo '74, in Spokane, Washington, fascinated me to no end, especially when it was on display at one of the World's Fair pavilions. Do we have any slow scanners in the WTFDA? I was all set to go into just monitor only, both phases of amateur television, with the fast scan endeavor also, but illness in my family curtailed the project so, hopefully, I may get back to it in the future. Are there any fast scan amateur ham TV operators in our organization who can advise me in regards to amateur fast scan TV?"

A recent new member, Marshall Lillie (147 S. Main St., Bourbonnais, IL 60914) tells us about his DX gear: "My present equipment consists of a portable 4-band radio hooked up to an IRCA spiral loop with a 365 mmf var. capacitor. I'd like to get some better, more finely tuned equipment. Preferably used, because my wife doesn't give me too much of an allowance." Marty adds, "Up until August 75, I was mainly a ECB DX'er. FM is a nice change-of-pace. Now to back up a bit. Are there any guys in WTFDA...that want to get rid of a receiver in good shape for a "college guys" kind of price?"

European DXer Igor Hajek wrote to tell us of an article he wrote for the April 1976 issue of Practical Wireless magazine. The article deals with DXing on the VHF and FM bands in Europe....perhaps some of you may be interested in this article.

Doug Everitt (1708 W. Maine Ave., Enid, OK 73701) has some items up for sale: (1) an ancient 4 element channel 4 yagi, needs repair (2) 10 element channel 9 yagi in very good condition (3) 44 element UHF log in excellent condition (4) all sorts of coax connectors. Write to Doug for more info on these items.

Here's a note of interest from non-member William Dale Fait of Willoughby, Ohio: I'm not really very active TV-DX wise, and I don't have decent equipment, but I do work DX on the other broadcast bands. I have some info to pass on to TV DXers, for whatever it is worth: CKCO-TV is being received very well in the greater Cleveland Area. The WRTM '76 listing of CKCO-Kitchener, Ontario for channel 13 should be scratched.\*They are on channel 42 and are blasting into the Cleveland area with weak fuzzy video and clear audio, on rabbit ears. They must be running at least several million watts.

The Ontario DX Association and the Canadian Handicapped Aid Program has announced an All Clubs DX Rally to be held July 31 and August 1 in Kingston, Ontario. For more info, write to All Clubs DX Rally, c/o the Ontario DX Association, 23 Lamont Ave., Weston Post Office, Toronto, ON M9N 2J9.

Well, that wraps it up...see y'all next month.....jz

\* EDITOR'S NOTE: CKCO-TV is on ch 13, with a new 1750 kw repeater on ch 42. CWI

## New Stations Granted

CA Atascadero 104.5 50000 h,v; 215'  
CA San Bernardino K272AH 102.3 c [KFAF-FM 92.3 Los Angeles CA translator], 1 w.  
CO Glenwood Springs K272AI 102.3 c [KREX-FM 92.3 Grand Junction CO translator, D, antenna oriented 95°, 195° & 270°]. 10 w.  
DE Newark \*91.3 10; ID Boise \*90.1 10 w.  
FL Naples 92.1 3000 h,v; 300'  
FL Tallahassee \*90.5 10 FL A&M Univs. ID Nampa 96.9 38000 h,v; 2500'55, 102 mi.  
IL Chicago \*86.9 10 IL Inst. Technology  
IL Glen Ellyn WDCB \*90.9 5000 h,v; 263' to share time with WEPS \*90.9 Elgin IL.  
IN Chesterton \*89.1 10 w. Duneland School  
IN Fort Wayne \*88.3 10, talk, classical  
IA Fairfield 95.9 3000 h,v; 132'  
IA Hampton 104.9 3000; 94' 8, 32 miles  
IA West Des Moines \*88.9 10  
MI Novi \*89.5 10. MN Cottage Grove \*88.1 10  
MN Red Lake W228AA 93.5 g [KFNW-FM 97.9 Fargo ND translator] U. 10 w, DA, 45P.  
MT Billings \*88.9 10. MT Butte K257AF \*99.3 [KUFM\*89.1 Missoula] 10w, D, 270P.  
NV Inlay K249AD 97.7 g [KNIS 94.7 Carson City NV]. NY Poughkeepsie \*91.7 10 Vassar.  
NC Cullowhee \*91.7 10. ND Minot (downtown) K261AH 100.1 g [KCJB-FM 97.1 ], 10 w, 130° and 230° (DA). OH Belleaire \*88.7 10  
OH West Chester \*89.9 10. OR Grants Pass K217AB \*91.3 [KSOR \*90.1 Ashland OR translator], 1 watt, DA, 305 degrees.  
TX Amarillo 98.7 g 100000 h,v; 800'  
TX Austin \*88.7 130; 1120'  
TX Lampasas 99.3 3000 h,v; 180'  
TX Sweetwater 96.7 2600 h,v; 58'10, 42 km  
UT Price K268AN 105.5 g [KSL-FM 100.3 Salt Lake City UT translator], power, antenna bearing unknown. WI Land O' Lakes W28RAE 105.5 g [WRVM 102.7 Suring WI translator]  
WI Mauston 92.1 1400 h,v; 390' 14, 44mi  
WI Mammoth Hot Springs K265AF 104.9 g [KURL-FM 97.1 Billings MT translator]; g

## On Air and DX Ready!

CO Craig KRAI-FM 93.7 100000 h,v; 980'  
CO Pueblo KZLD 100.7 100000 h,v; 640'  
LA Shreveport KSCL \*91.3 10  
MD Baltimore WSPH \*88.1 10 [k, M  
MN Duluth KAOH-FM 94.9 25000(h); 400', \$, /  
MN Rochester KRPR \*88.9 10 h,v (Calls, too)  
MO Cape Girardeau KRDU \*90.9 10 " "  
PA Mercersburg WRCP 92.1 3000 h,v; 295'  
TX Amarillo KACV-FM\*89.9 29500 h,v; 580' KWAS 101.9 100000 " 730'  
UT Pleasant Grove KPGR \*88.1 (Calls, too)  
VT Stowe WRFB 101.7 45 h,v; 2275', rock

## Dual-City Identifications granted

KY Jenkins WREN-FM 94.3 adds Pound KY  
WI Middleton WMAO-FM 106.3 " Madison WI

## Stereo Stations

NY Rochester WXXI-FM \*91.5, c  
WV Fairmont WFGM 97.9, r  
Manitoba Winnipeg CJUM 101.5, rock and classical music.

## On Air with changes (selected)

CA Cathedral City KXWY-FM 98.5 50000 h,v 500'. GA Columbus WCGQ-FM 107.3 100000 h,v; 530'. MA Newton WZBC \*90.3 1000; 220'  
MI Muskegon WNUW-FM 106.9 31000 h,v; 270' \$  
MO Kansas City KWKI 93.3 100000 h,v; 290'  
NC Chapel Hill WUNC \*91.5 \$ 50000 " 820'  
OK Norman KGOU 106.3 3000 h,v; 180'  
PA Allentown WKXW 104.1 50000 h,v; 500'  
SC Sumter WDOM 101.3 \$ 100000 h,v; 630'  
TX Port Arthur KYKR-FM 93.3 100000h,v; 420'  
WI Menomonee WVSS \*90.7 1050; 14'

## Deletion

(Grant rescinded; back to hearing)  
GA Camilla 105.5 3000 h,v; 300'

## Facilities' Changes

AL Decatur WRSA 96.9 830' (50000 h,v)  
AL Gadsden WEXA heard on \*91.5; not on \*89.9 as said by FCC; change listing to \*91.5 (3500; 76), r, monophonic. (From M: AL Gadsden WGEN 103.7 is directional. Y AL Montgomery WFMI 98.9 17000 (h); 135' AK Anchorage KJZZ 102.1 25000 h,v; 165' AK Kodiak KMXT \*100.1 has v [71 miles CA Gilroy KFAT 94.5 800 (h); 2580', 30./ CA Merced KAMB 101.5 390' (50000 h,v)  
CA Paso Robles KPRA from 94.3 to 92.5 17000 h,v; 762'. CA Salinas KCTY-FM 103.9 -135' (3000 h,v). [14, 43 miles: CA Susanville KSUE-FM 92.7 160 h,v; 1050'. CT Danbury WXCI \*91.7 adds v.  
FL Winter Park WPRK \*91.5 1320 h,v; 98'. IL Chicago WLAX 93.9 4610 h,v (1532') 33, 74 miles: new power for Sears Tower as computed by new FCC curves; watch for WCLR, WFYR, WXFH to similarly increase!  
IL Columbia WCBW 104.9 3000 h,v; 235'  
IL Elgin WEPS \*90.9 to share time with the new WDCB Glen Ellyn IL.  
IL Macomb WILM \*91.3 2850 h,v (280')  
IA Charles City KCHA-FM from 104.9 to 95.9, making way for Hampton IA grant.  
KY Prestonsburg WDOCF-FM 95.5 100000 h,v, 530'. LA Franklin KFRA-FM from 95.3 to 105.5; 165' (3000 h,v). LA New Orleans WNOO \*89.9 has vertical polarization.  
ME Skowhegan WTOS-FM\* writes and says they intend to stay on 105.1, not moving to 106.7, which the FCC allocated to Skowhegan in place of 105.1. Hanky-panky?  
MA South Hadley WMMC apparently to remain on \*91.5; not moving to \*90.7.  
MN Minneapolis KBEM \*88.5 has v; is good about dropping \$ carrier when carrying monophonic programs; c, r, talk. [h, v]  
MN Thief River Falls KOSN 99.3 117' (3000/

## Vertical polarization confirmed

MA Franklin WEAO \*91.3  
NV Las Vegas KJDD 93.1  
NC Asheville WNUF-FM \*88.1  
SCA Activities (continued from right)  
PA Lancaster WGAJ-FM 101.3 adds SCA  
PA Pittsburgh KDKA-FM 92.9 "changes in programming" ?

MO Chillicothe KCHI-FM 103.9 15500 h,v/  
MT Plentywood KPWO 100.1 3000 (h); 34'  
NY Glens Falls WBZA-FM 107.1 280 h,v, 275 v; 840'. OH Holland WPOS 102.3 v.  
OH Reading WRGJ \*89.3 330 (h); 125'  
OK Durant KSEO-FM 107.1 1900h,v (370')  
PA Freehold WACH 103.1 410 h,v; 680', heard testing with kountry music; \$?  
PA Philadelphia WNOB 95.5 13000h,v; 850'  
PA York WDXA 105.7 46000 h,v, 38000 v, 520' apparently dropping DA. 33, 73 mi  
TN Milan WKBJ-FM 92.3 42000(h) 160'  
TX Houston KUHF \*88.7 27000 h,v; 970', transmitter Alvin TX. 56, 125 km.  
TX Lubbock KXTI from \*91.9 to \*86.1, 18500 h,v; 340'. [Reduces Coverage: TX Lufkin KLFU-FM 105.1 29700 h,v; 249' VA Roanoke WSLQ 99.1 is directional  
WA Seattle KYAC-FM 96.5 50000 h,v; 1090'  
WI Ft. Atkinson WFAW-FM 107.3 500' (50000 h,v), 53, 117 km coverages.  
WI WHLA \*90.3 changes city of license from Holmen to La Crosse. WI WMMC \*88.3 from Colfax to Menomonie WI.

## Formats/Networks

AL Butler 93.5 mk. FL Crystal River WRDQ 98.5 gm (from gm). GA Griffin WKEU-FM 97.7 no network (was M). HI Honolulu KQMO 93.1 pm (from r)  
IL Chicago WMB 97.1 cj.  
IL La Salle WLPO-FM 99.3 [still mono: IL Mendota WGLC-FM 100.1 l (from E). m/ IL Moline WHIT 96.9 mr. IL Savanna WCCI 100.1 k (from mk). IN Indianapolis WJEL \*89.1 rc; WIFE-FM 107.9 k (was m). IA Iowa City KICG 100.7 p-rock  
IL Ottumwa KLEE-FM r (said to be on noon to midnight; believed to be in \$)  
IA Sioux City KSEZ 97.9 r (from m)  
MO Towson WCVT \*89.7 p. NM Albuquerque KIPC \*91.5 LE (mostly English now but will later feature Spanish and several Indian dialects). NC Chapel Hill WUNC \*91.5 \$ back on air after 6-year hiatus.  
WI Milwaukee WNUW 99.1 n (from r)

## SCA (67 kHz) Activities

was CA Los Angeles KFAC-FM 92.3 PRN (music)  
IL Chicago WMB 97.1 adds SCA  
IN Ft. Wayne WPTH 95.1 adds SCA  
KS Pittsburg KMRJ 96.9 " "  
LA New Orleans WUL-FM 101.9 to add talking book in August, 1976.  
ME Bangor WPBC 92.9 adds SCA. ME Skowhegan WTOS-FM\* 105.1 telemetry only.  
MA Worcester WICN \*90.5 adds SCA  
MN Minneapolis KTCR-FM 97.1 no SCA  
" WCCO-FM 102.9 has only an in-audible SCA; "will never use for talks or music." MN St. Paul KSTP-FM 94.5 experimented with SCA but decided to drop it (was to have had farm news) for fear of imparting quality of main signal.  
MO Kansas City KXTR 96.5 telemetry only.  
MO Moberly KRES 104.7 adds SCA  
NY Oswego WRVO \*89.9 adds SCA  
OH Alliance WFAH-FM 92.5 adds SCA

This column welcomes contributions. Use postcards; save 4¢!

FCC-FM

AK Ketchikan \*105.9 KRBD  
 CA Turlock \*90.9 KBOG  
 CO Denver 95.7 KXXX (KHOW-FM)  
 FL Leesburg 106.7 WHLY (from WQGN)  
 GA Chattsworth 99.3 WQMT  
 IL Belvidere 104.9 WYBR (from WKUL)  
 IA Des Moines 93.3 KMGK (K10A-FM) "magic"  
 MD Baltimore 102.7 WBVR (WCAD-FM)  
 MD Cumberland 102.9 WPMV (WCUM-FM)

MA Salem \*91.7 WWWW  
 MI Birmingham 94.7 WJJC (WHNE)  
 MN Sauk Centre 94.3 KMSR  
 NJ Ship Bottom 100.1 WJRM  
 NM Albuquerque 94.1 KRKE-FM (was KDEF-FM)  
 NY Elmira 94.3 WLVY (WEHH-FM), adds \$  
 NC Kinston 97.7 WQON  
 OH London 106.3 WSYX (WLND)  
 OK Okmulgee 94.3 KLLS (KBEV)

May, 1976

OK Tahlequah 101.7 KEOK (KTLG-FM)  
 PA Williamsport \*91.7 WPLC  
 TX Dallas 104.5 KKDA-FM (KEZT)  
 TX Midland 103.3 KMMJ  
 UT Orem 107.1 KORN  
 VT Lyndonville \*91.7 WURL  
 WA Toppenish 92.7 KENE-FM  
 WV Salem \*91.1 W11B  
 VI St. Thomas \*88.9 W11J  
 Man., Winnipeg 94.3 CHIQ-FM (CFRW-FM)

FM INDUSTRY NEWS and Members Reports

Want a reliable and up-to-date guide that not only covers FM, but includes AM and TV? The 11th edition of Vane Jones' North American Radio-TV Station Guide is now available at \$4.95 direct from Vane, who is a WTFDA member, at 6710 Hampton Drive East, Indianapolis IN 46226. What I particularly like about his book is the complete, integrated AM-FM-TV call letter listing at the back of the book.

FCC probes public FM. The FCC is about to publish a rule-making looking toward the creation of a table of assignments for 88-92 mHz (such a table already exists within 199 miles of the Mexico border). Issues to be looked at include technical and nontechnical. The Corporation for Public Broadcasters want 10-watters outlawed, but the FCC is proposing a special class for them, including the possibility of assigning 87.9 mHz as a special 10-watt channel, and place 10-watt educational stations possibly in the commercial part of the dial (92-108 mHz). Would the creation of 87.9, "channel 200" presage the eventual elimination of channel 6 TV to permit FM expansion? It's possible, given the impetus of Australia's clearing of their channel 5 to allow for VHF FM radio. Watch for the AMST (Association of Maximum Service Telecasters) to fight the FCC 87.9 proposal and watch any further move to have public FM stations of 10 watts in the commercial band to be fought by the NRBA (National Radio Broadcasters' Association; formerly the National Association of FM Broadcasters). I plan to offer the ultimate solution, which I predict will be adopted: place all 10-watters on even frequencies such as 88.0, 88.2, etc. Such a plan would work beautifully in Chicago where 90.8 could house a dozen or more 10-watters, without interference from WBEZ or WMBI-FM. Further, placement of stations closer on the dial to each other is contemplated by a study of the FCC chief engineer's office, which looked into reducing the present 200 kHz spacing to either 150 or 100 kHz. Use of 100kHz spacings would require receiver filters to work efficiently. I wonder, with word of this study now out, will it tend to prompt manufacturers to offer crystal filters in even cheap sets? Possibly, because people would not buy sets that might be obsolete.

Although the FCC isn't saying it, I predict a freeze on new public FM stations, especially on new 10-watt applications, and applications for higher power stations within 100 km of channel 6 TV stations. The FCC is also looking at ways existing educational FM stations can increase their powers and avoid interference from each other, and avoid giving interference to channel 6 TV. In the nontechnical realm, the FCC is proposing a 36-hour per week minium schedule of operation for all public FM. Furthermore, in a move unprecedented in brilliance for an agency such as the Federal Communications Commission, the FCC proposed that stations operating between 36 and 72 hours per week be open to time sharing if another use of the channel were proposed. Stations operating over 72 hours would not be subjected to time sharing. This 36-hour per week minium would presumably be 52 weeks a year, with the FCC and the Corporation for Public Broadcasting both properly concerned about stations that sign off for vacation periods, and student stations used as training grounds.

KICE 100.7 Bend OR now rm, with the format more rock at night. KINK 101.9 Portland OR now Dolby-equipped. KPAM in Portland has been iding as "KPAM FM 97, AM 14." To go \$ before the end of the year: WCTS 100.3 Minneapolis, g.

Two or three people have asked me what WVWR Roanoke VA is doing on \*89.1 and what WVWR's new power is. If you'd flip back to your January 1975 VUD, p. 3, you'll see they were granted 100,000 h, v; 1970', making a move from \*90.1. It pays to hang onto your back issues of the VUD and use your magnifying glass and read closely for various tidbits.

Lack of funds from Wayne State U. may close WDET \*101.9 Detroit, which will have to rely on the public if institutional funds slated for elimination are not restored. Another article says WDET soon will be installing new equipment to improve its signal. The money comes from a pledge campaign, which raised \$40,000. WNYU (FM) \*89.1 New York supposed to be similarly hurting for money. I predict both stations survive.

WMZK 97.9 Detroit heard with Mutual network programming 1:55 a. m. EST, but no Mutual noted during "normal" daytime hours. Otherwise, nobody in Detroit has Mutual. WNIC-FM 100.3 Dearborn has an announcer now (probably live). They don't call selves "nice music" much any more, music still about the same [m], with subdued i. d. 's.

WBFB 92.5 Buffalo NY, although all news, NIS, still has its stereo carrier on: absurd!

WVOR 100.5 Rochester NY now rm, from m (still not stereo).

WBUF 92.9 Buffalo supposed to be installing v, but no FCC approval for that seen yet.

WCOL-FM 92.3 Columbus OH now all r, or p; not gr. WMDI 102.3 McKean PA and WCUE-FM 96.5 Akron OH both p. Refuting a statement of two months ago in which a reporter heard CBS on WNNS 97.5 Louisville KY, is a reporter who stayed overnight in that city and listened to WNNS for several hours. He heard no CBS; only NBC's NIS network service. I have asked WNNS about this, but so far no response from them. .

A Milwaukee radio consulting engineer predicts eventually 6 kw class A's for FM.

With the clearing of Australian channel 5, the Sydney area may have 15 new FM stations by 1977. Presently, this large city has 2MBS-FM on 92.1 and ABC-FM on 92.9, with space on the present Australian band for only one more station; on 93.7. This space was to have been for rock station 2JJ, but financial difficulties have forced a cutback in ABC's plans. Other articles recently sent from Australia by Don Voegelé show that most FM programming there is classical music, with many hi fi buffs disappointed at the lack of variety in their FM.

The new Fort Wayne 10-watt FM station on 88.3 will operate out of Concordia Lutheran high school, with regular operations expected to begin in the fall. They want call letters WLHI. KAUS-FM 99.9 Austin MN has a lousy main channel signal after they went SCA; lower modulation; and the late p.m. talk show has interference in one channel—sounds like the AM signal leaking in! KAYL-FM 101.5 Storm Lake IA has music on its SCA, with quite a high level; mono on their main carrier. WACM 103.1 Freeland PA heard with a good signal at a distance of 20 miles with rabbit ears; heard testing with country music.

Readers have reported, and the station has later confirmed it, that WTOS Skowhegan ME is definitely on 105.1 and not 106.7. WNWY Norway ME 92.7 is now WOXO ("93X") and it features bubble gum rock. Writes one reader: "I hope you will differentiate between rock and bubble gum rock and progressive rock. . . Also there seems to be quite a difference between MOR, "chicken rock," and beautiful music formats, which I believe are worthy of separation." Anybody care to try to define precisely all those terms?

OFF THE AIR: WMJS 92.7 Prince Frederick MD; off air "temporarily. This station is a failure, and management policies have made it a bigger failure." Also reported to be off the air are KROQ-FM 106.7 Pasadena CA and KAGB 103.9 Inglewood. Can any Californians check on these; possibly call these stations and ask what their return-to-the-air plans are? I wonder if it is possible to perfect one's DXing techniques such that during a skip opening you can tell for sure that a station in the area from which skip is coming is off the air? A case in point is that over several years' worth of skip sessions to North Carolina I never discovered the absence of WUNC \*91.5 Chapel Hill, which has been silent for six years, only recently coming back on. Also temporarily silent is WGTB"-FM" \*90.1 Washington DC, which the Georgetown U. administration took off to re-evaluate the station's purpose. The former staff is circulating petitions to "save alternative radio."

WTUL \*91.5 New Orleans testing with new power. They dropped stereo some time ago because they had home-brew, illegal equipment. Mike Dorner is advising the New Orleans Baptist Theological Seminary students who want to set up a new 10-watt public FM. WYLD-FM 98.5 New Orleans turns off its \$ when it occasionally duplicates AM. And it seems that XHH 100.7 Ciudad Juarez was viable as late as 1-30-75 when it appeared on the FCC list.

A Florida reporter wonders why we never see reports of DX from South or Central America? I guess nobody's been trying for LA skip lately; it comes in, so listen for it! In Pittsburgh, a 10-watter may be applied for on \*88.5 using calls WBSB (Baldwin Borough), with application to be filed probably in early 1977. They better hurry with an FCC freeze possibly imminent! KSAY 96.1 Clinton IA in financial trouble with their gk, etc. hodge-podge. WDJF 107.9 Westport CT heard with m, not r; in transition? WIOK 98.3 Hempstead NY had its auxiliary, not main FM transmitter bombed, and WIOK remained on the air. WVHC \*88.7 Hempstead NY raised its goal in a recently-held marathon and will soon go to the power and height indicated in the FM Atlas. Rumor has it that New York's only all-jazz station, WRVR

106.7, may be sold to the group that owns WWRL (AM) and be converted to a part jazz, but mostly soul music station. Larry Weil editorializes about a bill that I have not heard about but which seems to have merit: "I urge you and all readers to write your senator in support of Barry Goldwater's bill (#S3033 [he is a ham with calls K7UGA]), requiring that all radio and TV receivers meet minimum standards for rejection of interference from other-band transmitters (CB, ham, business band, etc.). The tighter front-ends that will then be required on receivers can only help us to DX in peace without interference, and at the same time allow those of us who are hams to operate without causing problems to others."

One reader brought to my attention a study done by the FCC or O T P which showed that some 2 million people, mostly in the western states, don't get FM service (defined as 50 microvolts/meter or 34 dBu). I have written to both agencies for copies of the report but so far no luck. I wonder if the people doing the study took into consideration the service being performed by FM translators? I doubt it, but translators now cover most of the populated non-metro regions of Utah, and now number over 100, mostly in Utah and in other western states. The study found 150 counties in the U. S. not having adequate FM service.

In Chicago, WNIB's jazz (97.1) is on from 11:30 pm to 2 am (to 3 am Sundays), while WBEZ \*91.5 has "middle-of-the-road jazz from 9 pm to midnight Mon.-Thurs.; 9 pm to 1 am Fridays and Saturdays, and 2 pm to 5 pm Sundays.

In California, the FCC orders KJLH 102.3 Compton CA to move back to its original transmitter site, after operating experimentally closer to the black neighborhood of L. A. to which it programs. Reason: interference to KIIS-FM 102.7 Los Angeles. KJLH has permission to install an on-channel booster in Los Angeles (KJLH-1), so they better hustle and build KJLH-1. Besides, it'll be a nice DX challenge to separate KJLH-1 from KJLH.

Over the objection of WQXO 98.3 Munising MI, the FCC assigned 94.7 to Manistiqui MI, for a station with at least 75 kw at 500', which would put a primary signal into Munising. WTFDA member Paul Petosky is (or was) associated with WQXO. In the same move, the FCC added 93.5 to Newberry MI. The FCC proposes adding \*91.1 to Moorpark CA, which is within 199 miles of the Mexican border, but the station would have to have reasonably high power, as it would have to be situated some 11 miles west of Moorpark because of a co-channel spacing problem with XETRA-FM \*91.1 Tijuana.

According to the coverage map for KSUI \*91.7 Iowa City IA, when it begins programming on its new higher power facilities next year it will be slightly directional, with the north part of the circle being somewhat flattened. Contributors this issue:

Frank Aden, Jr., Bend OR; John Anderson, Lowe Farm, Manitoba; Robert B. Babut, Lewiston NY; Joseph Bahr, St. Croix WI; Robert Baker, Humboldt IA; Andy Bolin, Charleston IL; Bill Coleman, Rocky Mount NC; Michael Dalton, Clearwater FL; Bob Dow, Skowhegan ME; Mike Dorner, Jr., Metairie LA; John Ebeling, Bloomington MN; Paul L. Gaines, Detroit MI; Morrie S. Goldman, Chicago; Joel Hermann, Ames IA; Bill Heusmann, Des Moines IA; Clarke W. Ingram, Pittsburgh PA; Harry J. Hayes, Gouldsboro PA; Nick Lombardi, Atlanta GA; R. J. O'Connor, Southwest Harbor ME; Allen Rockford, Syracuse NY; Andy Smith, Hyattsville MD; Don Voegele, Chico CA; Larry Weil (WR2YYV), East Rockaway NY.

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(Paid advertisement.)



# VHF UTILITY DX

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

MAY 1976

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

<u>8-24:</u>	1522, CFTJZ	134.0	(Air Canada 930; DC-8-61; Montreal-Miami; 25w)
<u>11-16:</u>	1446, N15551	122.8	8 mi s Lee Apt, Annapolis (Ronald B. Brown; Piper PA32 Cherokee Six; l-engine, 6-seat)
<u>1-4:</u>	1455, N12657	122.0	Ches. Bay, nr Annap. (Hinson Airways, Inc.; Cessna 172; l-engine, 6-seat)
	1547, N7068U	131.35	vic Baltimore (United; 727; 25 watts)
	1706, N9227P	128.7	7 or 8 mi w Rehoboth Beach, DE (John N. Weiss; Piper Comanche PA-24-260; l-e, 4-s)
	1730, N7236R	128.7	nr Atlantic City, NJ (Beechcraft East, Inc.; Beech V35B Bonanza)
	1842, N7288D	128.7	nr Denton, MD (W.C. Jens Coal Co.; Beechcraft Duke; twin-engine turbo, 6-seat)
<u>5:</u>	0737, N8129N	127.7	(Eastern 440; 727; West Palm Beach-NYC)
	0742, N8168G	134.5	(Eastern 2418; 727; Miami-Boston)

Tom Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222 Bearcat 101; MON-4 low band, MONR-17 hi-band; cut-down hi-band for UHF

<u>2-21:</u>	KVN 478	155.16	Glen Burnie, MD (North Arundel Hospital)
	KWX 597	155.22	Annapolis, MD (Annapolis General Hospital)
	KDA 954	151.985	Baltimore, MD (John Hopkins University)
	KSZ 364	155.22	Wilmington, DE (Wilmington General Hospital)
<u>27:</u>	KQY 675	155.94	Seat Pleasant, MD (county police)
	KWE 411	155.985	Rockville, MD (county police)
	KTL 460	494.9625	Baltimore, MD (MTA bus police)
<u>28:</u>	KPB 904	33.70	Preston, MD (fire, county)
	KCD 372	33.60	Prince Frederick, MD (county fire)
	KED 309	33.78	New Castle, DE (county fire)
	KRE 417	33.88	York, PA (county fire)
<u>2-31:</u>	KLE 764	155.715	Towson, MD (Towson State University Police)
	KDT 392	155.025	College Park, MD (University of Maryland Police)
	KGE 351	155.25	Newark, DE (city police)
	KGA 871	155.31	Dover, DE (city police)
<u>9:</u>	KGA 590	37.98	Washington, DC (dpt of highway maint.)
	KGA 410	453.70	Baltimore, MD (salt truck, snow control)
	KGE 865	453.85	Baltimore, MD (traffic control)
	KGD 846	47.14	Baltimore, MD (MD Highway Adm; salt trucks for snow; also 47.26, 47.32, 47.40)
<u>13:</u>	KGH 607	453.10	Baltimore, MD (Harbor Tunnel police)
	KSE 200	163.563	Ft. Meade, MD (Military Police)
	"	163.475	Ft. Meade, MD (fire department)
	KZA 576	153.605	Baltimore, MD (Bal. Gas & Electric; electric)
	KGA 439	153.44	Baltimore, MD ("; gas)
	KJA 425	153.32	Sparrows Point, MD (Bethlehem Steel, pol. & fire)
	"	158.43	" (trucks & maint.)
	KLS 700	166.25	Baltimore, MD (WFBR Radio traffic plane)
	-	166.25	Arlington, VA (WAVA Radio Sky Watch)

<u>2-11:</u>	1618, 32.000	<u>22:</u>	2220, 35.28	<u>31:</u>	1901, 37.62
<u>12:</u>	1900, 32.000		2305, 35.58 bs	<u>4-31:</u>	1945, 32.000
	2045, 35.58 bs	<u>23:</u>	1635, 35.28	<u>4:</u>	1655, KIN 645 (Es)
<u>13:</u>	1954, KME 438 (Es)	<u>24:</u>	2017, 35.28	<u>5:</u>	1755, KFL 880 (Es)
<u>15:</u>	1900, 37.000	<u>25:</u>	1905, 32.96	<u>6:</u>	1840, 37.000
<u>17:</u>	1954, 32.96	<u>27:</u>	1825, 37.000	<u>7:</u>	2030, 32.000
<u>18:</u>	1800, 32.000	<u>28:</u>	1700, 32.96	<u>9:</u>	2150, 32.82
	2045, 35.62 bs	<u>29:</u>	1735, 32.82	<u>10:</u>	2230, hi-35
<u>19:</u>	1810, 32.000	<u>30:</u>	1947, 35.62 bs	<u>(1-10):</u>	1845, VRT 33.89
<u>20:</u>	1845, 32.000		2015, 35.22		c.w. harmonic, Bermuda)

73, Pat WA5IYX

# EASTERN TV-DX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

May 1976

Deadline: 10th

The arrival of spring was accompanied by much-improved tropo DX conditions in most Eastern areas. Several above-average loggings have already been reported, and as this month's column is being prepared, a large summer type High is sitting over much of the Eastern Seaboard. With such a remarkable weather pattern (one weather forecaster termed it "August in April") we may see some interesting tropo catches reported in the near future. This isn't to say that what appears this month is dull; note for instance Roy Barstow's coastal catches of southeastern Virginia on March 24 & 25, and consider Ken Simon's logging of Mobile, Alabama on March 12 --which may, as Ken notes, have been the beginning of some great Gulf ducting. Further inland, and further north, a number of good morning inversions in various regions brought about some tropo activity. Now that May is here, the Es season will be getting into full swing by month's end.

NOTE TO EASTERN TV-DXers: Do not send your TV-DX reports to WTPDA HQ or VUD editor Clarke Ingram. Some reports have had to be forwarded lately, and this wastes both time and club postage funds, and causes unnecessary delays. If you DX TV in the East, send your reports to the address at the top of this page. And, if you're a new member, let's hear from you!

Rich Turcsany 7 Caver Circle Shelton, Connecticut 06484 (EDT/EST)

October

23	2230	WYAH-27	Portsmouth (420)
1	GW 1545	W71AG-71	New Haven CT(18)
		24	0738
		WBFF-45	Baltimore (300)

"This xltr has been off for a long time; primary is WEDH-24 Hartford."

3 1600 WBFB-68 Newark NJ (70)

"Semi-local...began transmitting again 9/29. AAT was not mentioned in QSL but ERP is 1988 kW."

5 At Rutland VT, through  
Holiday Inn's CATV:  
MS 0645 KYW-3 Philadelphia (445)

"TP and tone. Definitely KYW because WFSB and WSYR were already on, and WCAX signs on 0845 EST Sundays"

November

6	Tr 0743	WBWT-12	Richmond (390)
7	1756	WNAC-7	Boston (165)
9	Es 2129	unID-2	"Midwest CBS stn"
		2146	unID-3 "Amoco Travel Club commercial from Standard Oil Co. Indiana, suspect midwest."
		2159	unID-2 "CBS Eye moving on film from right to left, must be a major CBS stn. Suspect Midwest."

January (now using rabbit ears)

10	Es 1100	WPBT-2	Miami FL (1300)
		WTVJ-4	Miami FL (1300)
13	1825	WDAF-4	Kansas City (1200)

10 Back at Shelton:  
Tr 2238 W71A-41 Windsor VT (240)

"Not much DX here this past season of winter. This celebrates the first anniversary of discovering "DX" in "Communications World" magazine. I have DXed since I was (would you believe?) 7 years old."

Jim Alexander Box 2 - Bosch Hall Canisius College Buffalo, NY 14208

March (EST)

23	Tr 0800	CKGN29-29	Oil Springs Ont.
25	1230	WVIZ-25	Cleveland OH
		WUAB-43	Cleveland OH
		2000	WAKR-23 Akron OH
		2130	WKAR-23 East Lansing MI
		2155	WUHQ-41 Battle Creek MI
26	An (early a.m.)	0045	CIC018-18 London Ont
		0055	WYTI-25 Saginaw MI
		0800	CKGN29-29 Oil Springs Ont
		0830	WAKR-23 Akron OH
		0900	WVIZ-25 Cleveland OH
		0205	WDRU-22 Scranton PA
		0720	"Youngstown U's strong"
			WYTI-25 Saginaw MI
			Oil Springs U's

"Severe auroral disturb-  
ance--hash on ch 2-13"

"Set breaks down--any loggings now made w/borrowed Philco b/w set"

"Highlight of this reporting period had to be the tropo on March 28 & 29. WKAR-23 was a big surprise, w/the 8-bay pointed right at WAKR-23, which is closer. Got the rotor control box back from CDE and am at last able to use the rotor again. 2 new ones this time put log at 91."

Roy Barstow 70 Heritage Circle Teaticket, Massachusetts 02536 (EST)

November  
 9 Es 2200 KTVO-3 Kirksville MO 25 Tr 1345 WGAN-13 Portland ME  
 2230 KTVI-2 St Louis MO WMTW-8 Poland Springs ME  
 "Es up to ch 5 at times." to WENH-11 Durham NH  
 17 Tr 2330 WPTB-68 Newark NJ "s/off" WPTA-41 Windsor VT  
 WMPB-67 Baltimore MD WMBG-26 Biddeford ME  
 25 0200 WSYR-3 Syracuse NY 2300 WCAX-3 Burlington VT  
 "Tomorrow program "rare here, CCI WFSB"  
 after WFSB s/off" Es 2300 WPBT-2 Miami FL "s/off"  
 2330 WSB-2 Atlanta GA

December

13 Tr 0230 WCSH-6 Portland ME  
 13 - 14 MS "Geminids not very good-- 26 Tr all WGAN-13 Portland ME  
 most bursts noted around day WMBG-26 Biddeford ME  
 0100-0200 both nights." 27 0005 WLBZ-2 Bangor ME

January

9 Es 2200 "chs 2, 3, & 4, no IDs"  
 10 Au 1500 to 2300 "No IDs here, 26 Tr 1730 CBFT-2 Montreal PQ  
 heavy on lower channels." "Deep fading--nothing  
 else coming in."  
 11 Es 0315 "Auroral induced Es 24 1800 WHRO-15 Hampton VA  
 started coming in here." WBOC-16 Salisbury MD  
 KYTV-3 Springfield MO WCPB-28 Salisbury MD  
 0345 WCBD-2 Charleston SC 25 2110 WEDY-65 New Haven CT  
 "they were running a 2130 WVBC-13 Hampton VA  
 telethon, someone from "plus all eastern PA,  
 Minnesota called in a MD, NJ UHF in"  
 pledge"  
 0358 WSM-4 Nashville TN  
 "Testing. Weird seeing a 24 Tr 0930 WHRO-15 Hampton VA  
 station testing during Es" WVBC-13 Hampton VA  
 0400 unID-2 "movie about Hawaii" WAVY-10 Portsmouth VA  
 13 Es 1730 KQTV-2 St Joseph MO "testing"  
 1755 WDAF-4 Kansas City MO "Lots of hash chs 2-11"  
 1820 WTWO-2 Terre Haute IN WCBG-2 New York City  
 1915 KTEW-2 Tulsa OK "with some audio with  
 antenna north"  
 MUF to ch 5 1400 to 1445 Au in & out  
 14 1340 WEDU-3 Tampa FL 27 Tr 1830 WGAN-13 Portland ME  
 1500 WDIQ-2 Dozier AL WCBG-10 Augusta ME  
 16 2215 WCBD-2 Charleston SC 31 Au 2330 to 0230 "chs 2-7 & 9  
 "to after 0000" --no IDs"

February

17 Tr 1330 CBFT-2 Montreal PQ  
 24 1800 WHRO-15 Hampton VA  
 WBOC-16 Salisbury MD  
 WCPB-28 Salisbury MD  
 25 2110 WEDY-65 New Haven CT  
 2130 WVBC-13 Hampton VA  
 "plus all eastern PA,  
 MD, NJ UHF in"

March

24 Tr 0930 WHRO-15 Hampton VA  
 WVBC-13 Hampton VA  
 25 0245 WAVY-10 Portsmouth VA  
 "testing"  
 26 Au 0030 "Lots of hash chs 2-11"  
 WCBG-2 New York City  
 "with some audio with  
 antenna north"  
 1400 to 1445 Au in & out  
 27 Tr 1830 WGAN-13 Portland ME  
 WCBG-10 Augusta ME  
 31 Au 2330 to 0230 "chs 2-7 & 9  
 --no IDs"

Martin J. Theil 12 Princeton Drive E. Holiday, Florida 33589 (EST)

February

3 Tr 2300 WJKS-17 Jacksonville 4433 14 Tr 1730 WJHG-7 Panama City 4444  
 2330 unID-15 "Ice Hockey" 3333 March  
 10 2200 WDTB-13 Panama City 4455 9 Tr 1900 WUPT-5 Gainesville 5444  
 WGIQ-43 Louisville AL 4455 1930 WSWB-35 Orlando FL 4333  
 2230 WAEW-14 Pelham GA 3333 WESH-2 Daytona Beach 5555  
 11 1930 WDZO-6 Orlando FL 5544 30 1230 WTOG-44 St Pete FL 5555  
 WCTV-6 Thomasville 4444

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

March (EST)

12 Tr 0435 WALA-10 Mobile (550)885km 14 Tr 0900 WMPB-24, WTVX-34, WSWB-35  
 13 -- 0800 W64AD-64 Boca Raton FL 21 2130 "Orlando, St Pete, Sara-  
 "rebroadcasting ICR-6" sota, Fort Myers-Naples  
 U's & V's most 5555R"  
 Tr 2050 WBBH-20, WMLF-24, WFTV-26, WUSF-16 Tampa FL 1055R  
 WTVX-34, WSWB-35, WTOG-44 27 0730 W64AD-64 "rebroadcasting  
 FL "WMLF, WSWB both 5555" WDBO-6, ICR6-6"  
 14 0900 WJKS-17 Jax FL (285)455km 28 0735 W69AA-69 Hollywood 4555R  
 "WX note--on MAR 12 7 am EST satellite pic showed cold front from about  
 Sarasota FL to Mobile AL...could have been great GULF tropo but I had to  
 leave for work at 4:45 am...W64AD amp seems wideband as I've noted WPTV-5  
 audio as well as WMCU-FM (89.7) on it along with WDBO-6, WCTV-6, WDSU-6,  
 and KRIS-6...I guess it doesn't take much to key the WCIX Boca Raton, FL  
 xltr. WFCB-45 noted for 1st time on weekend (3-21)...usual programming  
 runs 2 hrs in the PM weekdays...March was a bomb...oh well, April usually  
 means the Cubans..."

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EST)

<u>March</u>									
10 Tr	2125	WKAR-23 East Lansing MI R			6 Tr	2040	W56AF-56 Silver Creek R		
		"CCI 19, 22, 24 & 25 same antenna heading"					WB1AJ-81 Cattaraugus NY R		
11	2258	All Detroit U's					(preceding xltrs all for WJED-17, all noted strong)		
	2307	Elmira, Binghamton, Scranton-WilkesBarre U's					W63AB-63 Mansfield PA R		
14 MS	0130	unID-2 "west"			8	1300	(xltr for WVIA-44)		
25 Tr	1330	"Overload from Buffalo WJED-17 on 31"			12	1300	WPSX-3 Clearfield PA R		
	2320	WNPE-16 Watertown NY					"Cleveland VHF & CCI chs 9-10-11, Youngstown, Akron, Alliance, Cleveland UHF"		
26	0028	CKGN29-29 Oil Springs R				1315	WEAO-49 Akron OH R		
		CIC018-18 London Ont R				1830	WKAR-23 East Lansing MI R		
	1700	WLVT-39 Allentown PA R				1915	WGMU-14 Mt Pleasant MI R		
<u>April</u>						1950	WKOW-27 Madison WI R		
3 Tr	0158	WVNY-7 Watertown NY R				2040	WOPC-38 Altoona PA R		
5	2100	WBGU-57 Lima OH R					"CCI ch 19"		
	2130	WILL-38 Terre Haute IN R				2043	WPGH-53 Pittsburgh PA R		
6	2040	"Very good xltr opening--"				2058	WJNL-19 Johnstown PA N		
		W72AQ-72 Great Valley NY R					"Very long wait for this one, but just in time before Toronto starts programming from CN Tower."		
		W73AB-73 Arcade NY R					"good signals from Binghamton, Elmira, Scranton & Philly"		
		W80AK-80 Springville NY R				2120	WTPA-27 Harrisburg PA R		
		W62##-62 Ellington NY R					WHP-21 Harrisburg PA R		
		W62##-62 Sinclairville R							
		W62##-62 Clymer NY R							
		W26AA-26 Jamestown NY R			13	0104			
		W56##-56 Kennedy NY R							

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

<u>March</u>									
25 Au	2330	unID 2-13, very heavy 2-6 strong morning inversion			29 Tr	0830	WUHQ-41 Battle Creek(310) WGPR-62 only Detroit U-in		
26 Tr	0815	cx noted w/CIC018-18 Ont snowfree, Youngstown & Akron U's super strong				0857	WNPE-16 Watertown NY(165) WVNY-7 Watertown thru lcl		
28	1845	Syracuse, Cleveland, Akron, Utica, Youngstown areas way up; Detroit U's good				0900	WKAR-23 E Lansing MI(280) WBGU-57 Lima OH (300) WGTB-30 Toledo OH (230)		
	2000	WKAR-23 E Lansing MI(280)				1740	Toledo U's strong		
	2025	WBYI-25 Saginaw MI (255)				1944	WUCM-19, WBYI-25 MI good		
	2029	WUHQ-41 Battle Creek(310)				2015	CKGN29-29 thru local 29		
	2130	WWTW-9 Cadillac MI (345)			30	0031	WNPI-18 Norwood NY (225)		
	2300	highband VHF a real mess			31 Au	2345	hash 2-13, strong 2-6, FM		
29	0004	WUCM-19 Bay City MI (255)			<u>April</u>				
	0022	WHIZ-18 Zanesville (265)			5 Tr	1730	Toledo, Cottaan U's strong		
	0050	unID-44 S.S.W.; WUOC?				2159	WBGU-57 Lima OH (300)		
	0154	CKGN29-29 OilSprings(165)			9	1900	S.W. Ontario, Youngstown, Toledo U's very strong		
	0157	CKWS-11 Kingston vly good				2100	heavy ghosting on semi-local xltr W46AB		
	0200	WKB-11 Alpena MI (270)				2330	Detroit U's very strong		
	0206	WJRT-12 Flint MI (230)			10	0045	WBYI-25 Saginaw MI (255)		
	0243	CBPST3-12 Elliot Lake T				0047	CKGN29-29 OilSprings(165) plus excellent signals from CKC03-42, CIC018-18, and CKGN1-22 Ontario		
	0715	WZZM-13 Grand Rapids(340)			12	1930	Detroit U's, WBYI-25, WKAR-23, S.W. Ontario U's all good with hvy fading		
	0725	WXYZ-7 Detroit MI (220)				2000	WJED-13, WPGH-53, WJAG-6, WTAJ-10 all very strong with heavy, deep fading		
	0732	WLV-39 Allentown PA(230)				2100	WOPC-38 Altoona PA (165) w/deep choppy fading		

Have noted a good amount of spring tropo lately, but no signs of early Es. The tropo opening on the evening of 4-12 was one of the most unusual I've seen. WJNL-19 Johnstown made it in barely through CIC0-19 CCI; first time I've logged them, after years of looking. Thanks to Paul Traska for providing a bunch of TV GUIDE editions needed to check out some unIDs.

# CENTRAL TV-DX

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

Deadline: 12th

Not much dx reported during the past month. E-Skip has yet to begin it's season and tropo dx seems a little better than last month but I have a feeling next month will be different.

Donald E. Buland; 4448 68th Place, Kenosha, Wi. 53140 CST

3-16 Tr 0545 WLKY-32 Louisville(330)	3-30 Tr 0600 WAVE-3 Louisville(330)
Gw 1700 WCFL-38 Chicago(50)	WHAS-11 " "
(testing w/color bars; strong sig.)	WLEX-18 Lexington(360)
3-23 Tr 0700 WLKY-32 Louisville(330)	WKYT-27 " "
WOSU-34 Columbus(320)	WLKY-32 Louisville(330)
3-26 Au 0545 Unid chs.2-11; NE	0610 WTVQ-62 Lexington(360)
3-28 Tr 2000 WVIZ-25 Cleveland(330)	WKRC-12 Cincinnati(300)
WUAB-43 Lorain(310)	WCET-48 " "
2115 WPBO-42 Portsmouth(370)	0650 WXIX-19 " "
CKCO-42 Oil Springs(290)	0700 WOSU-34 Columbus(320)
2120 WYTV-33 Youngstown(380)	WPBO-42 Portsmouth(370)
WWVU-24 Morgantown(450)	3-31 Au 2100 Unid chs.2-13; NNE
WJAN-17 Canton(360)	4-1 Au 0230 " " "
2130 WFMJ-21 Youngstown(380)	Au 0600 " " 2-6; NE
WKEN-27 " " "	4-5 Tr 0640 CKCO-42 Oil Springs(290)
WAKR-23 Akron(340)	CKCN-29 " " "
WNEO-45 Alliance(360)	0645 WOSU-34 Columbus(320)
2145 WEAO-49 Akron(340) <u>I</u>	0650 CICO-18 London(340) <u>T</u>
WQLN-54 Erie(400)	0700 WAKR-23 Akron(340)
	WVIZ-25 Cleveland(330)

Log total now at: 408

John F. Combs; 816 W. Harvard, Orlando, Fl. 32804

"Just a note to tell you and other members that this is the last time you'll see me in this column. The Oberlin address is defunct as circumstances have forced me to withdraw from there. I'll be back at my Orlando address, which for those of you who've forgotten it, is:

816 W. Harvard  
Orlando, Fl. 32804

I'll probably be here for the next few years, possibly enrolling at local F.T.U.(Florida Tech.) in the fall. I plan to upgrade my system here(which has been dismantled anyway!!). Hopefully, by the middle of the summer I'll have a Delhi 7' dish for UHF, and both this and my VHF antenna on a new 15' tripod on the roof. With masts, the dish could rise to 40 or 50ft. above ground. I need new lead-in, a new rotor, etc. It'll be a costly venture, but worth it since I'll be here for a while. I also hope to get my old Sears 9" fixed up to watch CATV (which carries WTOG-44 and WCIX-6).

No real dx up at Oberlin in the past few months. Did see new CKCO-42 one night, but that was about it. So, total log there came to 58, all tropo. Orlando log is at 239 despite what you've read in Statistics--a re-count produced the extra station. So, it looks like I'll be under Bill's column again(righto--wd)when next I send a report. 73's & good dx to all---John"

Rod Louma; 38540 Five Mile, Livonia, Mi. 48154

"No dx to report this time as I've just finished restoring my receiving system back to normal after a direct lightning hit to my tower on the 16th of February. Some how the blast also got into several electrical circuits in the house ruining about a dozen duplex outlets and also literally blow two fuses right out of the fuse box in the basement. All power was out for about an hour until the Edison man replaced numerous fuses to restore partial service. I was out bowling at the time of the hit and my wife told me afterwards that all she heard was a "pop" when sitting at the piano helping my daughter with her lesson. They turned to see what happened only to find the top of the rotor control lying on the rug and then the lights went out.

Louma; continued---

The smell of something burning prompted them to exit the house immediately and run to a neighbors to call the fire dept. They arrived in about ten minutes and, thank God, found no fire- only the rotor control had greatly overheated charring the top of the Zenith. Later inspection found some aluminum siding blown off the house where the tower is attached with a bracket and several holes burned through the aluminum attic vent also located next to the tower. Pieces of wood were found in the vicinity of the vent in the attic where one brace had partially disintegrated. The phone was also knocked out of service for several days. In two upstairs bedrooms it appeared that where a high current had flowed in wires behind the walls and super-heated the air, the walls bowed out nearly an inch and then went back in, but the nails were left protruding that inch. So much for the damage.

Upon firing the '69 Zenith it was found that the on-off switch was burned out, so a jumper had to be tacked in temporarily. Then the next symptom was extremely weak signals on the locals and nothing on the open channels. This turned out to be open antenna coils in both the U & V tuners which I replaced. Oh, things are picking up! But still there's a way to go. The Winegard T-FM7 TV-FM splitter is suffering from a disintegrated input capacitor, so it is replaced. Better, but still not normal. A tower climb finds the matching transformer on the Quantum just two pieces of melted plastic with wires dangling out everywhere--also the little door that encloses the transformer in the Quantum is found later in the back yard. Replace the transformer--another improvement. Well, it must be the coax! Ah, yes that brings signals on VHF back to normal and a closer inspection finds the shield blown off the old line. One strange thing is that although forward gain is normal, front & back ratios have deteriorated by about 6db upon comparison of readings taken on a Jerrold FSM last summer and now. (Note-Jim Gould-I recall you mentioning this after your lightning experience). Exactly what has happened I don't know, but this is bad for dx, so being unable to find a Quantum #1111 locally I found the larger #1110 available and bought it (the insurance company is paying for all of this, of course). UHF is still a problem as gain seems to be down 10db or more and evidence seems to indicate a damaged lead in there too. Of course it ends up being the section between the antenna terminals and the tower top. So down comes the old #1111, then dismount the rotor and drop the mast down as far as it will go to bring the C-M dish(6') to the tower and put the antenna terminals within reach while standing on the top rung of the tower. The lead in replaced and sure enough the U's are finally back to normal and inspecting the old celluline reveals a hole burned in one side and an open in the wire where an arc occurred to one of the standoffs. One more climb on a windless day is necessary to install the model 1110 and with a few prayers and much effort it is finally attached to the mast and the coax is attached. Success! Incidentally, I did have a lightning arrester on the UHF lead in and the coax shield was grounded, but no arrester was on the rotor wire (both rotor control and motor had to be replaced, too). The tower was also grounded with a ground rod. Now I've arrested the rotor wire also, and plan to use another ground rod for the tower to lower the resistance to ground. This was no fun, believe me (I believe you--wd), and I'm going to do my best to minimize the damage possibility if we should ever take another hit."

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

3-9 Tr 0154 WTRF-7 W.Va. 1012(205)	3-11 Tr 0150 WTRF-7 W.Va. 1523(205)
0254 WITI-6 Wi. 1022(245)	0202 WRTV-6 In. 1022(230)
0326 WTMJ-4 Wi. " "	0205 WCPO-9 Oh. 1522(235)
Ms 0355 WCBS-2 N.Y. 2012(490)	Ms 0400 WCBS-2 N.Y. 2013(490)
Tr 0413 WBWM-2 Il. 1022(225)	3-12 Tr 0059 WNED-17 N.Y. 1022(215)
0603 CFTO-9 On. 1023(205)	0134 W26AA N.Y. 1522(195)
3-10 Tr 0145 WTHR-13 In. 1122(230)	0135 W46AB N.Y. 1032(180)
0218 WTRF-7 W.Va. 1022(205)	0210 WIIC-11 Pa. 1022(210)
0228 WIIC-11 Pa. " "	0220 CFTO-9 On. 1023(205)
0230 WRTV-6 In. " (230)	0223 WBEN-4 N.Y. " (215)
0254 WTMJ-4 Wi. " (245)	Ms 0536 WCBS-2 " 2212(490)
0255 WITI-6 Wi. " "	3-13 Tr 0228 WRTV-6 In. 1022(230)
0256 WMAQ-5 Il. " (225)	0301 WITI-6 Wi. " (245)
0445 WBWM-2 Il. " "	0310 WMAQ-5 Il. " (225)

Gaines---continued

3-14 Tr 0320 WKRC-12 Oh. 1522(235)  
 0338 WTHR-13 In. 1022(230)  
 3-16 Tr 0258 WTMJ-4 Wi. " (245)  
 3-17 Tr 0203 WTRF-7 W.Va. 1023(205)  
 3-18 Tr 0257 WITI-6 Wi. 1022(245)  
 0258 WTMJ-4 Wi. 1023 "  
 3-19 Tr 0153 WRTV-6 In. 1023(230)  
 0159 WITI-6 Wi. 1022(245)  
 0211 WTMJ-4 Wi. 1023 "  
 3-20 Tr 0141 WRTV-6 In. 1022(230)  
 0731 CFTO-9 On. " (205)  
 3-21 Tr 0315 WTHR-13 In. 1023(230)  
 0320 WKRC-12 Oh. 1022(235)  
 0344 WRTV-6 In. " (230)  
 3-23 CBET-9 now runs 3/4 c.b. w/  
 digital clock from 0800-0830  
 and WJW-8 signs off earlier,  
 no more second movie, s/off  
 at about 0200.  
 3-24 Tr 0214 WTRF-7 W.Va. 1022(205)  
 3-25 Tr 0215 WMAQ-5 Il. " (225)  
 2323 WFLD-32 Il. 1523 "  
 2330 WSNs-44 Il. 1022 "  
 3-26 Tr 0114 WTHR-13 In. 4542(230)  
 0622 CFTO-9 On. 1223(205)  
 3-27 Tr 0250 WTHR-13 In. 1022(230)  
 0255 WRTV-6 In. " "  
 followed by C B's which  
 messed up tv channels; un-  
 able to dx. (I'm glad I don  
 't live in a big city-wd)  
 3-28 Tr 0326 WKRC-12 Oh. 1123(235)  
 0416 WBBM-2 Il. 1022(225)  
 Ms 0423 Unid-2; Easter Seal  
 Telethon; W.  
 0528 WCBS-2 N.Y. 1012(490)  
 Tr 0600 KDKA-2 Pa. 1032(210)  
 0606 WIIC-11 " 1022 "  
 2036 WFLD-32 Il. 1522(225)  
 2039 WSNs-44 Il. 1022 "  
 2100 WTVO-17 Il. " (300)  
 2115 WIII-12 Il. 1521(305)  
 2132 WICD-15 Il. 1532 "  
 2246 WTHR-13 In. 1031(230)

3-29 Tr 0200 WRTV-6 In. 1022(230)  
 0207 CFTO-9 On. 2522(205)  
 0209 WIIC-11 Pa. 2554(210)  
 0220 WITI-6 Wi. 1022(245)  
 0302 WBBM-2 Il. " (225)  
 Ms 0320 WCBS-2 N.Y. 2012(490)  
 Tr 0534 CKCO-2 On. 1522(205)  
 0554 KDKA-2 Pa. 1022(210)  
 0719 WNEB-17 N.Y. 1522(215)  
 3-30 Tr 0131 WTHR-13 In. 1023(230)  
 0143 WCPO-9 Oh. 1522(235)  
 0154 WTRF-7 W.Va. 1022(205)  
 0226 WITI-6 Wi. " (245)  
 0228 WTMJ-4 Wi. " "  
 0229 WISN-12 Wi. " "  
 0555 WKRC-12 Oh. " (235)  
 3-31 Tr 0127 WTHR-13 In. 1023(230)  
 0214 WRTV-6 In. 1022 "  
 0227 WTMJ-4 Wi. " (245)  
 0236 WITI-6 Wi. " "  
 0307 WISN-12 Wi. 1023 "  
 4-1 Au 0210 chs. 4, 5, & 6 unideds  
 Tr 0559 KDKA-2 Pa. 1011(210)  
 4-2 Tr 0210 WITI-6 Wi. 1022(245)  
 0630 CFTO-9 On. " (205)  
 4-3 Tr 0255 WRTV-6 In. 1012(230)  
 0259 WITI-6 Wi. 1022(245)  
 0358 WGN-9 Il. 1122(225)  
 0815 WXIX-19 Ky. 1032(240)  
 0829 W39AA In. 1022(130)(WBGU)  
 4-4 Tr 0210 WTHR-13 In. " (230)  
 Ms 0323 WCBS-2 N.Y. 3512(490)  
 4-5 Tr 0152 CFTO-9 On. 1022(205)  
 0733 WNEB-17 N.Y. " (215)  
 4-6 Tr 0214 WTMJ-4 Wi. 1022(245)  
 0218 WITI-6 Wi. " "  
 4-7 Tr 0143 WTHR-13 In. " (230)

Paul sees the following stations nearly every day: Youngstown U's, Cleveland-Lorain V's & U's, S.Bend U's, Ft. Wayne U's, Erie V's & U's, WGVC-35, WUHQ-41, WOSU-34, WNEO-45, WJAN-17, Columbus V's, WAKR-23, CPFL-10, CICO-18, CICO-28, CKCO-13, CHCH-11, Paris-6, WHIO-7, WOTV-8, WZZM-13, WLIO-35, WSTV-9, WLWD-2, etc.  
 Log total now at: 232

Paul passes along several newspaper articles concerning tornadoes which touched down (12 mi. away) near Detroit. Two people killed. This was on 3-20.

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

3-14 Tr 2030 WHO-13 Des Moines, Ia.  
 3-25 Rotor fixed.  
 Tr 2130 KOLR-10 Mo. Thru WTHI.  
 2132 KMTC-27 Mo. 3524(445)  
 2235 KBMA-41 Mo. 2020(458)  
 2245 WSVN-47 Va. (317)  
 3-28 Tr 0900 Huntsville U's(410)  
 2130 Erie U's(338)  
 2135 WWVU-24 W.Va. 3532(332)

3-28 Tr 2135 CICO-28 Kitchener, Ont.  
 2200 WUTV-29 N.Y. 1332(404)  
 3-30 Tr 0705 WBBJ-7 Tn. 5533(378)  
 0734 WMAV-18 Ms. 2513(472)  
 0754 WHBQ-13 Tn. 5531(438)  
 0832 WZTV-17 Tn. 5524(315)  
 4-4 Tr 2302 W7QAO Wi. 2235(246)  
 (WISN)  
 Log total: 539

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

3-18 Tr 0815 KIDL-30 St. Louis(432)  
 3-19 Tr 1940 WKYT-27 Lexington(473)  
 WTVQ-62 "  
 WLKY-32 Louisville(437)  
 WDRB-41 "  
 3-20 Tr 1519 KIDL-30 St. Louis(432)

3-25 Tr 1945 WKYT-27 Lexington(473)  
 KIDL-30 St. Louis(432)  
 3-28 Tr 1830 WKYT-27 Lexington(473)  
 WMUL-33 Huntington(498)  
 WOSU-34 Columbus(395)  
 1833 CICO-18 London(328)

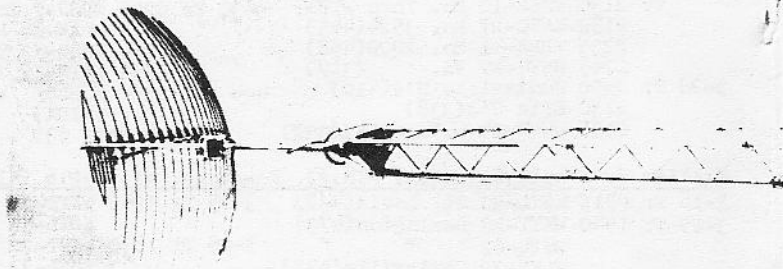
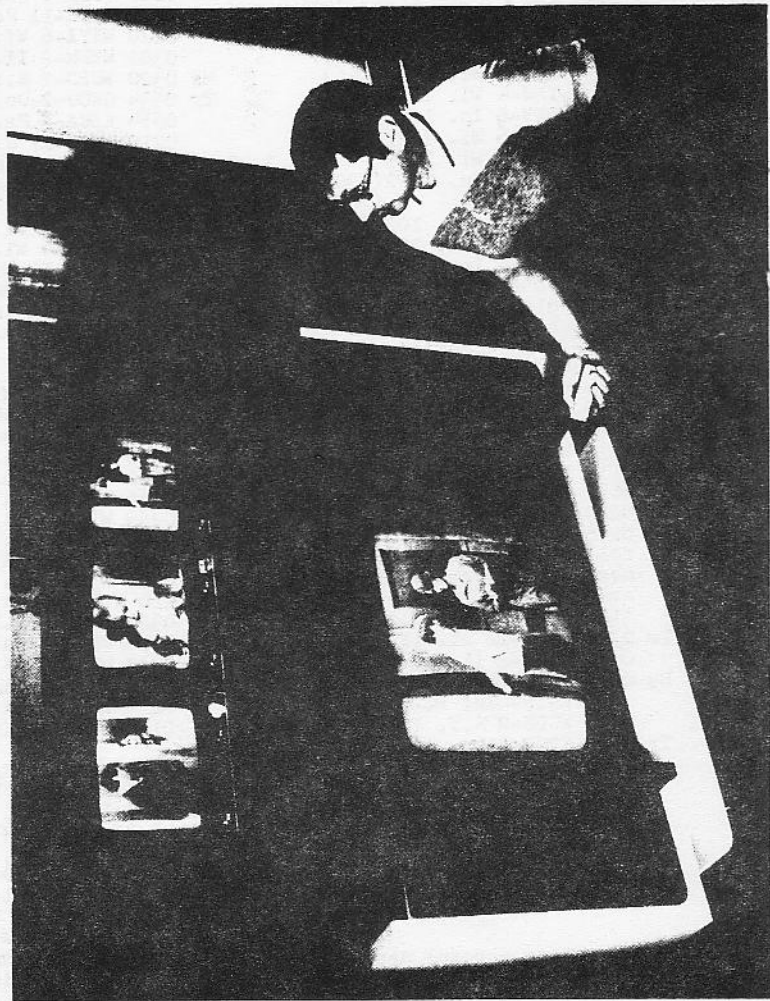
(continued on page 21)

compass II North is a weekly supplement to our regular daily edition, which circulates throughout 11 Lake County communities. compass II North is being delivered free to households in Whiting and Robertsdale. It is a sample of our larger, more comprehensive edition. Last year our news team won more state wide press awards than any newspaper in Northern Indiana. Try us and find out why.



# compass II

volume 1 number 17 wednesday, october 8, 1975





# 70-foot TV tower brings the nation to his doorstep

by Barry B. Burr

WHITING—Pete Oprisko leans back in his sofa, stretches out his legs and wiggles his stocking feet in front of a television set.

Relaxed, Pete gets ready to turn on some electronic entertainment. He reaches over to pick up a remote-control tuner lying on an end table.

He points the magic-like device that fits in the palm of his hand at the set, pushes a button. Channel 2 comes on. Next, he fixes the device on a second set and Channel 5 tunes in. Then Pete pushes the button for a third time and there's Channel 7, on still a third TV screen.

Simultaneously, Pete avidly watches the news on the three networks coming in via his three-screen Sony console—reminiscent of the manner in which President Johnson used to scan television.

But that's not all that Pete, who lives at 1942 New York Ave., can do.

He reaches for a second remote-control device and fixes this time on a fourth TV set, a wide-screen RCA model, and presses a button. . . . on comes Channel 3 in Miles City, Montana.

That's right, Montana? You see, Oprisko has combined the favorite American pastime with the same sort of unliking that enthusiasts in the 20s did to receive distant radio signals on their crystal sets.

Oprisko's hobby is called DX-ing (the DX standing for distance). All totaled, Pete had received 147 different television stations, in-

cluding WEDU in Tampa, Fla.; WNED in Buffalo, N.Y.; CKGN in a place called Oil Springs, Ontario, Canada.

Oprisko can get such far-ranging reception because he has invested about \$3,700 in television sets and antennas.

His equipment includes a specially built RCA Model 2000, which, as the name implies, is one of 2,000 such sets made (each owner gets a personally engraved name plate to affix to it) and each set retails for \$2,000.

"It's the pinnacle of color television achievement," Oprisko boasts. And the rest of his equipment is pretty sophisticated, too.

"I've tried to get the best of everything," he says. "If there is anything better, evidently, I don't know about it."

To receive station CFPC in London, Ont., for instance, Pete first checks in his log book from which direction the signal emits. Then he punches a switch, which operates by remote control his 70-foot high parabolic dish antenna, and switches it toward the northeast.

In seconds, the screen's snowy picture gradually clears, as the dish antenna fixes in the direction of CFPC's signal.

Pete's favorite station is the French-Canadian Educational Network. Pete doesn't "parley voo," but understands it because the show is broadcast with English subtitles.

Most of the time, though, Pete just likes to change channels—34 in Fond du Lac, Wis.,

13 in Kitchener, Ont., KOA in Denver, WCU in Charleston, S.C.—amazing himself as well as his friends at his prowess.

Oprisko has received every station in Michigan and only one in Indiana—Channel 22 in Vincennes—eludes his wizardry. But, like the undaunted conqueror, Pete says, "It's just a matter of time before I pick it up, too."

Pete says that watching the three-screen Sony is great during news events, such as political conventions.

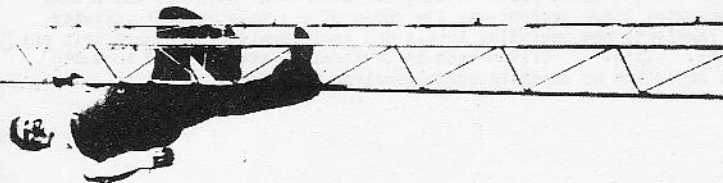
"At first, it's a little confusing watching three sets at once, but your eyes adjust to it after about 10 days," he explains. "It's just a matter of learning to direct your attention. After a while it becomes second nature."

Pete says another advantage of receiving distant signals is that he gets to follow Indiana state news more closely than other people in the area who have to rely on Chicago-based media.

Oprisko already has plans to expand his TV reception by adding a VHF-TV antenna. Maybe some day, he'll be able to surpass the 647 stations one man in New York has been receiving.

## Residents speak out

—page B-2



Oprisko scales the 70-foot high antenna he uses to bring in such distant stations as CFPC in London, Ontario and KOA in Denver.

**compass photos**  
by Arthur Pollock

# WESTERN TV-DX

Dennis Park Smith  
50 Manzanita Way  
Paradise, California 95969  
Telephone 916 877-2975  
Deadlines: 10th of month

May 1976

Some reports this time had some Es back in January, so add these to the January Es chart in last month's column: add 1 reporter each to Jan 10 eve & 11 eve; change MUF on Jan 10 to ch 3; and add Jan 13 am, 1 reporter, ch 3.

After mid-January, Es DX has been very scarce, with just a slight bit in early February and early March, as reported last month and before. After 1 and 2 March, there was nothing by Es above 54 MHz until the 26th, when both sporadic-E and aurora DX broke loose. Both the aurora and Es are shown in the chart below, as there appears to be a relationship. Many reports this time had meteor-scatter DX. Not much good tropo was seen, except for a bit of 19-March 680-mi VHF to Kansas, seen in south Texas.

	early										
	nite	eve	mid+	am	nite	am	nite	am	nite	am	aft
<u>Es</u> and/or aurora	Mar 1	2	26	26	26	27	31	Apr 1	5		
Number of reporters	1	1	1	1	1	1	2	2	2	1	
MUF at least (chan.)	2	2	2	8	2	2	8	9	2		

It is noted that all late March-early April aurora and Es were seen in northern areas (North Dakota and Manitoba) except 5 April (observed in south Texas). Like MS propagation, aurora MUF can be indistinct, appearing to some degree in high band as well as low.

Fred McCormack, Box 5221, State University Sta, Fargo, North Dakota 58102 (2Jan-5Apr) (CST)

Equipment: Broadmoor 9" B&W with rabbit ears (DX post at 1717 2 Street South, Fargo)

Jan 13 Es 1015-1100 unIds on ch 2 and 3

Mar 26 aE 0003-0030 unId on ch 2

au 0155

auroral hash through ch 8

0456

KMOX-4 St. Louis MO

1325N 665

0558

WOWT 6 Omaha NE

0335N 385

Mar 31 au 2340 auroral hash through ch 8

Apr 1 au 0207 auroral hash through ch 9

73.

These were excellent auroral openings. As usual FM was the most usable, but I did identify television for the first time. KMOX was logged with TV and WOWT with FM tuner.

John Anderson, Box 186, Lowe Farm, Manitoba R0G 1E0

(1 Mar - 2 Apr) (CST)

12 tr 2230 KXMC-10 Minot ND 1225R 200

mentioned "pgrm.highlites"

2300 KFME-13 Fargo ND 2225R 170

0220 unIds 4 & 5 old movies

13 MS 12-1300 unId-2's east, several bursts

0230 unId- 5 wx: KW & IA mentioned

of basketball-NBC, Amer. Bandstand-ABC,

0250 unId- 2 record ad, female vocalist

ballet or opera-probably PBS

0310 unId- 2 ad Holson? Bros Furniture

20: mast came down in blizzard, now using

monopole on new Panasonic TR662(12"B&W)

0325 unId- CBS Late Movie

26 au 2330 unId- 2 weak

0330 unId- 2 SocSec advice, ph.869-8725

27 Es 0225 unId- 2 west, Starsky & Hutch,

0335 unId- s/off? "Amer.theBeautiful

f/out before Id

OOHz tone but no video

31 au 2330 unIds 2-6 strong, useless on ch 2

0348 unId- gone (signed off air)

A1 au 0200 lots of hash, 2-5, getting stronger

2 tr 1000 KTHI-11 Fargo ND 5555R 145

0205 unId- 5 Eyewitness News,

KXJB- 4 Fargo ND 53R 150

Fargo stations KXJB-4 & KTHI-11 are not 170 miles distant as I had thought, but are 150 & 145 miles, respectively. Transmitters are not at Fargo but are several miles north, about midway between Grand Forks and Fargo.

Although I don't have any decent antennas up at the moment, a new and better system is soon to go up. For a tower it will be a Rohn AX-64, for VHF-FM a Delhi 1057 with 0059 amp (Channel Master 13 db), for UHF a C-M 7-ft dish with 0071 amp (13 db). RG11/u foam cable for VHF & UHF. I'll probably use an AR-0 rotator; I don't think the T-45 could handle the load.

A note about the auroral DX we've had here lately. I must say, aurora DX is number 1 on my list for the most aggravating mode of propagation. Only occasionally would the hash subside enough to let the audio pass through, and even then the audio was pretty lousy. Apparently an extra large sunspot was the cause of all this auroral activity.

Total stations received, now including locals and semi-locals (which were left out before) is 80 stations. 73's. (Video hash in TV-receiver circuits add to audio noise. Video-signal injection or separate audio receiver will help. dps)



# NORTHERN FM -DX

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

May 1976

Northern FM DX during the 1st quarter of 1976 consisted mostly of AU; which was noted on 1/10, 2/27, 3/25, 3/26, 3/29 & 4/1. Scattered MS and Tr was also noted. No Es was reported. Although reports received were rather sparse during this reporting period, they were geographically well spaced, with reports ranging from MN, IL, Ont, PA, to Maine. I expect more of you reporters will come out of hibernation and start DXing/reporting as it warms up in April & May, and the probability of Tropo/Es openings increases. Now to the reports:

## Bruce Elving - 18 1/2 East 5th Street - Duluth, MN 55805

Heddescome Au 3am CST 3/26, prevented sched. reception of KKDQ-92.9 ND Grand Forks. I had arranged w/WSCD Duluth to have WSCD's exciter turned off during WSCD's only weekly silent period; they cooperated - but the Au wouldn't. However, I did get KPDI-FM 101.3 KS Wichita (prev. hrd in 1961 as KWBB-FM), & relogged many others by Au that had been hrd only by Tr. Au lasted o/9 hrs, until after 10am CST. DXing at Adolph. I still need KKDQ, one of my closest unheard stations! KAOH-FM Duluth hrd & verified on ET, making my total here 1350 received since 1948. 61 new ones added in 1975, making that yr 11th best out of 28 yrs I have DXed, & not as good as a yr previous when 78 new stats. were grasped. Other recent DX: KXGR 96.7 MN Grand Rapids ("Kix 96"); MS 8am CST Nov 19: WIVK-FM in \$ 107.7 TN Knoxville. Semilocals WBBH 101.7 \$ Sauk Rapids, WKLK-FM 100.9 \$ Cloquet MN; WIMI Ironwood MI 10-20 on w/testing. Tr 8/31: KTPK 106.9 Sts. Genevieve thru a weakened KTEL-FM Waterloo IA; WRCE-FM 102.7 Memphis TN, WEZI 105.9 ditto; KHLS 96.1 Hlytheville AR; WCBU 89.9 Peoria. 9/2: WGEW 91.5 Green Bay rather strong at 200 mi., but hrd only 1 time. 8/8: WAUP Akron OH; WCEB 90.5 Columbus OH, WBBR 90.1 Marquette MI (320w; now 100kw as WRMU--FM); CKSO-FM 92.7 Sudbury ON, next on the dial to WSCD 92.9, 1 mi. away from my downtown QTH; WTHM-FM 103.1 Lapeer MI. 73.

## Andy Bolin - 709 Lincoln Ave. - Charleston, IL 61920 (CST?)

Well, since last report the only change around here has been the addition of a homemade SCA adaptor to the AJ-15. March was 100% disgusting for Tr w/many warm fronts, but little DX.

- |  |   |
|--|---|
| 11/1 Tr 0045 KEEZ 97.3 TX San Antonio (920)    | 3/26 Au 0023 WRNK 97.3 WV Wheeling        |
| 0100 KLYX KPFT KILT all Houston(785)           | 0042 WRST 90.3 WI Oshkosh (320)           |
| 0115 KAYD 97.5 TX Beaumont (740)               | 0130 WBBN 102.5 NY Buffalo (540)          |
| 11/2 Tr 0442 WWHO 102.1 NC Reidsville \$g(505) | 0145 CHLC 98.3 ON Kingston rr(680)        |
| 11/3 Au 0330-0500 CJOM CPFL CFCA & most        | 0206 WUOG 90.5 GA Athens rr(450)          |
| Cleveland & Buffalo.                           | 0210 KICT 95.1 KS Wichita (515)           |
| 11/4 Au 0445 CJOM WBBN CFCA                    | 0237 WRSA 96.9 IL Decatur (335)           |
| 11/9 Es 2045 WCOU 93.9 MS Lewiston (970)       | 0242 WASH 99.3 TN Crossville (320)        |
| 12/23 Es 1230 KKNG 92.5 OK OKC (590)           | 0327 WAER 88.3 NY Syracuse (630)          |
| 1/10 Au 1730 KOWA 95.1 MN Worthington (490)    | 0408 WGEH 89.7 MA Boston jazz(910)        |
| 1750 KKLS 93.9 SD Rapid City (840)             | 0515 KKLS 93.9 SD Rapid C. rr(840)        |
| 3/18 MS 2135 KREE 104.1 TX Houston (785)       | Au continued on & off to past 1300.       |
| 3/25 Tr 2100 KICT/KPDI KS Wichita (515)        | 3/29 Au 0200 WAER 88.3 NY Syracuse & most |
| Au 2305 WBBF 92.5 NY Rochester w/WNIS          | Buffalo sta. hrd                          |
| 2327 WDOX 92.7 WI Waupaca (345)                | (new to log underlined)                   |

The Au on 1/10 had by far the highest MUF ever noted here w/strong QRM o/semi-lcl TV-10. Worth mentioning - the 3/26 Au brought highly probable, but not definite, CEZF 102.3 Saint John NB at 1160 mi! Total now at 1574. (You & Bruce Elving should get your updated totals into the FM scoreboard-fn) 73.

## Peter Sawatzky - 244 Neilson Ave - Waterloo, ON, Canada N2J 2M3

- RX: Heathkit AJ-15; Ant: Delhi 1047 30°AGL; MS tape control unit. All loggings received on MS tape control unit are asterisked, and respective times refer to period freq. monitored.
- |   |  |
|---|--|
| 2/1 MS 0200-0930 KPO* 04.1 TX Beaumont (1175) | ID: "...the talk of the town, KPO....."                              |
| 0200-0930 WMEZ* 84.1 FL Pensacola (980)       | ID: "...easy, WMEZ, pensacola..." 1stbyMS.                           |
| Tr 1359 WVMC 99.9 WV Bushkannon (310)         |  |
| 2/7 MS 0730-1630 KERA* 90.1 TX Dallas (1130)  | "...263-3735...Glen...744-9010...263-KERA, and what's next...."      |
| 2/12 MS 0030-0730 KCKN* 94.1 KS KC (785)      | weather info.  |
| 2/22 MS 0030-0900 WQXI* 94.1 GA Smyrna (710)  | "...it's 58°...QXI..."   |
| 2/26 MS 0030-0730 WQXI* 94.1 GA "             | "...QXI, hello, this is..."  |
| 2/27 Au 1810                                  | Weak short-lived Au---no IDs   |
| 3/7 Tr 1300                                   | WHFI 94.3 MI Jackson Tentative ID-off freq or moved from 94.1? 73's. |

## Harry J. Hayes - Star Route, Box 226c, Gouldsboro, PA 18424 (EST)

2/10 Tr 2330 UNID 97.5 cl mx WALK? 4/1 Au 0150 WNCT 107.7 NC Greenville Tent.  
 2/16 MS 1533 WLTA 99.7 GA Atlanta WAGA TV-5 ad u/WDAO (400)  
 3/24 ?? 1715 UNID 92.5 NNIS, Rochester noted 0154 WDAO 107.7 OH Dayton ID-soul  
 in NX item. (WBFB-fn) 0205 WDBN 94.9 OH Medina 1cl NX  
 3/26 Tr 0900 WCLI 106.1 NY Corning rr (100) 0306 WAAF 107.3 MA Worcester Tent. rr  
 GW 1630 WACH 103.1 PA Freeland ET w/sw 0310 WNSN 97.5 KY L'ville NIS  
 3/28 " 1630 " " " old rr record(20) 0330 WSIU 91.9 IL rr/ID/amnts(755)  
 Tr 1647 WYSL 103.3 NY LAC w/W-103 rr(200) 0335 Au extremely intense on all  
 4/1 Au 0000-0335+ tune out. Extremely strong. channels--most intense opening  
 0046 UNID 94.1 w/folk rr experienced. Too tired to stay  
 0056 UNID 93.7 w.rr up & dig out any more, hi.

Eq: Zenith Transoceanic and Masterwork stereo w/RCA rabbit ears. Total stations hrd:301.  
 That WYSL reception from Buffalo on 3/28 assumed as Tr for lack of better explanation. It  
 sounded like "skip" by fading up to loud level few seconds, then completely gone. I don't  
 suspect airplane scatter as Buffalo is normally out of range for this, there was no "flut-  
 ter & it stayed at steady weak level much of time. (I've noted reception of stations 200-  
 300 mi. south of Syracuse. by this mode - fn) I hope CX improves w/the warm wx, it can't  
 get much worse, Tr, that is. The Au is great, hil 73.

## Rod O'Connor - Box 72 - SW Harbor, ME 04679

Very poor conditions for DXing noted all winter long. RX: Panasonic RF888 AM/FM/VHF.

Ant: 35" whip. (You ought to get yourself a good outside FM antenna w/rotor and  
 report on those Canadian Maritime FM stations everybody wants to get, hi. -fn)  
 3/20 2215 WBOS 92.9 MA Boston (175) 3/25 1630 CBZF 102.3 NB St. John (145)  
 WPRO 92.3 RI Provid. (210) 1635 CEZA 103.7 NB Grand Manan Is. LAC(85)  
 WBFB 105.7 MA Boston (175) 3/26 1900 WOCB\*94.9 MA W. Yarmouth (215)  
 WWEL 107.9 MA " " WQRC 99.9 MA Hyannis (210)  
 2220 WOKO 92.7 ME Norway(ex-NWY) WCOD 106.1 " " (210)  
 WYLC 104.7 MA Orleans (220)

\* WOCB was so strong it cut off usually strong WMTQ NH 175 mi.

(Most of your propagation was most likely tropo, if stations are not normally heard all the  
 time. Tropo is usually 190+ miles, versus Groundwaves less than 150 mi. Thanks for your  
 report, Rod. fn)

## Fred Nordquist - 302 Sandra Lane - N. Syracuse, NY 13212

Only DX to report is strong Au opening on 3/25 at 2300. WHIC-100.3 Dearborn noted w/Mer  
 at 2335. Many UNIDs. WYFI-99.7 Norfolk, VA w/s/off amt at 2339. 3/26-WMBI-90.1 Chicago  
 g mx at 0017, WGCL-98.5 Temp. ck/rr 0025. Total now at 791. 73.

## Central Tv-Dx (continued from page 15)

May 1976

Draeb; continued---

3-28 Tr 1833 Erie U's(405) 3-29 Tr 0118 CICO-18 London(328)  
 Cleveland U's(355) (3/4 color bars with  
 "TV0" in lower right)  
 1912 CICO-28 Kitchener(352) CICO-28 Kitchener(352)  
 (nearly snow free) (ditto; both stations  
 equal in strength)  
 1947 Youngstown U's(420)  
 WPBO-42 Portsmouth(461) 3-30 Tr 0745 WHMB-40 Indianapolis(336)  
 1956 WTAP-15 Parkersburg(476) 0751 WKSO-29 Somerset(538)  
 2000 WHIZ-18 Zanesville(400) 4-2 Tr 0010 W56AB Darlington(179)  
 2030 WUTV-29 Buffalo(445) 4-7 Tr 1825 Cleveland U's(355)  
 2052 WTIU-30 Bloomington(376) 1954 KINL-30 St. Louis(432)  
 2100 WNED-17 Buffalo(445) 4-8 Tr 2100 WKYT-27 Lexington(473)  
 WJAN-17 Canton(395) KHIN-36 Red Oak(457)  
 2102 WWVU-24 Morgantown(513) Cleveland U's(355)  
 4-16 Tr 1952 " " WAKR-23 Akron(380)  
 4-18 Tr 0542 CKNC-9 Sudbury(350)  
 CBFST-3-13 " " CKNC-1-7 Elliot Lake(270)  
 CBFST-1-12 " " CBFST-1-12 " " " "  
 0555 CBLAT-8 Manitouwadge T CBLAT-3-9 Wawa T  
 Es 1445 Unided ch.3; S.

Log total: 637

# WESTERN FM-DX

Steven C. Wiseblood  
707 Loma Way  
Santa Maria CA 93454  
Deadlines: 6/10,7/10

Patrick Martin, P.O. BOX 14192, Portland OR 97214 (Apr 5- Apr 9) (PST)

Receiver: MAGNAVOX AM-FM Stereo

Antenna: 10-Element LAPAYETTE YAGI & FM TRAP

4/5	Tr	1405	KHPE	107.9	OR	Albany	MoR	60
		1414	KORI	105.1	OR	Salem	RR	50
		1421	KOMS	107.7	OR	Lebanon	MoR	65
4/6	Tr	1437	KCTV	104.5	OR	The Dalles	MoR	85
4/7	Tr	1531	KLYK	105.5	WA	Longview	MoR	50
		2007	KELA	102.9	WA	Centralia	C&W	90
4/8	Tr	1414	KERI	104.3	WA	Bellingham	C&W	230
		2017	KKEL	96.1	OR	Eugene	RR	100
		2029	KUTI	104.1	WA	Yakima	C&W	125
		2359	KBIQ	105.3	WA	Edmonds	MoR	160
4/9	Tr	1110	KPFM	107.3	WA	Yakima	RR	125
		1130	KZOK	102.5	WA	Seattle	RR	145

I thought that it was about time I sent in a report, as it has been better than three months that I have lived in Portland and finally got an antenna up a few days ago. I had to connect a trap in the line to get away from so many images, as I live within eye-sight of most of the Portland FM stations, most of them at 100<sup>W</sup>. Without the trap all I get are images on top of images. The trap works quite well, getting rid of the majority of the images from 102-108, at least. Good DX & 73's

Fred McCormack, 1717 42nd St. S., Fargo ND 58102 (Dec- 5 Apr) (CST) \*Des Lacs DX

Receiver: HEATH AR-15

Antenna: Rabbit Ears (Underlined are RELOGS)

2/11	Tr	2057	KVLR	95.3	<u>MN</u>	Detroit Lakes	Auto. RR	50
2/22	*Tr	1227	KRAD	103.9	<u>MN</u>	E. Grand Forks	C&W	210
3/26	Au	0033	<u>KHQ</u>	104.3	<u>MO</u>	Kansas City	"Super Q"	550
		0145	<u>KHQ</u>	102.5	<u>IA</u>	Des Moines	RR	400
		0219	<u>WIBW</u>	97.3	<u>KS</u>	Topeka		545
		0223	<u>KCKN</u>	94.1	<u>KS</u>	Kansas City	C&W	550
		0231	<u>KPMQ</u>	101.9	<u>NE</u>	Lincoln		415
		0235	<u>KXTR</u>	96.5	<u>MO</u>	Kansas City		550
		0240	<u>KMR</u>	99.7	<u>MO</u>	Kansas City		550
		0242	<u>KYYS</u>	102.1	<u>MO</u>	Kansas City		550
		0249	<u>KGRC</u>	92.9	<u>MO</u>	Hannibal	RR	565
		0258	<u>KSWT</u>	107.7	<u>KS</u>	Topeka	\$108, K-Sweet	545
		0304	<u>WYEN</u>	106.7	<u>IL</u>	Des Plaines	UPI nx	550
		0307	<u>WAUR</u>	107.9	<u>IL</u>	Aurora	Mutual nx	550
		0313	<u>KUDL</u>	98.1	<u>KS</u>	Kansas City		550
		0322	<u>KYSM</u>	103.5	<u>MN</u>	Mankato	RR	225
		0325	<u>KTIK</u>	103.7	<u>IA</u>	Davenport	K-Double-I-K, RR	480
		0400	<u>WMHE</u>	92.5	<u>OH</u>	Toledo		745
		0400	<u>WVUB</u>	91.1	<u>IN</u>	Vincennes	\$91	735
		0401	<u>WMBI</u>	90.1	<u>IL</u>	Chicago	Moody Bible Institute	570
		0405	<u>KICT</u>	95.1	<u>KS</u>	Wichita	C&W	630
		0410	<u>WNIS</u>	101.1	<u>IL</u>	Chicago	nx	570
		0504	<u>CJOM</u>	88.7	<u>ON</u>	Windsor		745
		0505	<u>WBCL</u>	90.3	<u>IN</u>	Fort Wayne		700
		0556	<u>KLIN</u>	107.3	<u>NE</u>	Lincoln		415
		0557	<u>KIOV</u>	104.7	<u>SD</u>	Sioux Falls	C&W	245
		0559	<u>KEFM</u>	96.1	<u>NE</u>	Omaha		385
		0608	<u>WJAG</u>	106.7	<u>NE</u>	Norfolk		320
3/29	Tr	2042	KRAD	103.9	<u>MN</u>	E. Grand Forks	C&W	75
4/1	Au	0057	<u>KXCV</u>	90.5	<u>MO</u>	Maryville	RR	460
		0132	<u>KWU</u>	90.7	<u>MO</u>	St. Louis	RR	665
		0207	<u>WSTU</u>	91.9	<u>IL</u>	Carbondale	RR	715
		0246	<u>WZOK</u>	97.5	<u>IL</u>	Rockford	"FM-97", EL	490
		0309	<u>WKI</u>	100.5	<u>IN</u>	Kokomo	C&W	690
		0330	<u>KKSS</u>	107.7	<u>MO</u>	St. Louis		665
		0333	<u>WGMZ</u>	107.9	<u>MI</u>	Flint	\$108, Beautiful mx	695
		0517	<u>WBCL</u>	90.3	<u>IN</u>	Fort Wayne		700

4/7	Au	0528	WIXX	101.1	<u>IN</u>	Green Bay	//AM	455
		0530	WKSU	89.7	<u>OH</u>	Kent	s/on	860
		0535	WSWT	106.9	<u>IL</u>	Peoria	FM-107	560

Remember that all underlined stations are RELOGS in this report, others are NEW.

73, Fred

Jim Pizzi, 300 Park, Orcutt CA 93454 (PST) (12/11/75-4/3/76)

Receiver: JVC VT-900, Fisher 500-C

Antennas: Vertically mounted 10-element log at 40' into AMECO tuneable FM amp. Horizontally mounted 10-element log @ 76', using .412 co-ax. Channel Master 1110.

12/11	Tr	1657	KTIM	100.9	<u>CA</u>	San Rafael	Bay area FM's in.
12/14	MS	0056	<u>unID</u>	92.3		north	Latin mx
12/22	Es	1710	<u>unID</u>	95.7		east	C&W (KKAJ/KIKK?)
		1712	<u>unID</u>	94.9		east	C&W (KRIM?)
		1713	<u>unID</u>	92.3		east	7-11 ad. (KNFM?)
1/7	Tr	1700	KMYT	97.5	<u>CA</u>	Merced	\$EL
	Es	2004	<u>KKAJ</u>	95.7	<u>OK</u>	Ardmore	\$, end of nx
		2005	KEBC	94.7	<u>OK</u>	Oklahoma City	
		2006	KKNG	92.5	<u>OK</u>	Oklahoma City	
		2007	KOSU	91.7	<u>OK</u>	Stillwater	Blues
1/8	Tr	0001	KJAX	99.3	<u>CA</u>	Stockton	EL
1/9	Tr	1914	KUDE	102.1	<u>CA</u>	Oceanside	
		1915	KAPX	107.9	<u>CA</u>	San Clemente	
		1958	XHQ5	95.7	<u>BCN</u>	Tijuana	w/carrier only
		2206	XHRM	92.5	<u>BCN</u>	Tijuana	Soul
3/2	Tr	1714	KEWE	95.9	<u>CA</u>	Camarillo	SS/Latin (KUNA off)
		1754	KSCC	99.1	<u>CA</u>	Santa Cruz	(KXFM off)
		1756	KLTA	98.9	<u>CA</u>	Dinuba	(KXFM off due to storm)
		1759	KBEL	99.1	<u>CA</u>	Riverside	end of nx

Steven C. Wiseblood, 707 Loma Way, Santa Maria CA 93454 (PST) (1/18-4/17)

Receiver: PIONEER SM-Q300B, SYMPHONIC P1513 Antenna: FM-4G @ 15'

2/5	Tr	1016	KLTA	98.9	<u>CA</u>	Dinuba	\$EL, ID as "\$99"	120
	MS	1032	KGVM	99.1	<u>ID</u>	Idaho Falls	Idaho Falls mentioned	
	Tr	<del>1042</del>	KEBR	100.5	<u>CA</u>	Sacramento	Gave address&ID	255
3/17	Tr	0645	XHIS	90.3	<u>BCN</u>	Tijuana	"La Buena Onda", SS	245
		0646	KFSD	94.1	<u>CA</u>	San Diego	Cl, ad for newspaper	230
4/1	Tr	0658	KFMB	100.7	<u>CA</u>	San Diego	"B-100", Top-40/Hits	230
		0708	KGB-	101.5	<u>CA</u>	San Diego	ID by YL DJ, using DOLBY	
		0714	XHIS	90.3	<u>BCN</u>	Tijuana	"La Buena Onda", \$EL, SS	
4/5	Tr	1419	KWYT	100.7	<u>CA</u>	Salinas	\$EL	135
		1422	KNIS	99.7	<u>CA</u>	San Francisco	total nx, FM-100	228
		1423	KQED	88.5	<u>CA</u>	San Francisco	Documentation-Biography	
4/17	GW	0859	KMJ-	97.9	<u>CA</u>	Fresno	NBC nx	135

Well, thats about all the DX for this month. No sign of any Es since 1/11, but it could very well start any day now. I'm expecting a long Es season this year with more intensive Es than last years poor July showing (Even though the last half of May and June were excellent). We had a very severe windstorm rip through the area on 4/15. Many trees and tree limbs were scattered over Southern California. In fact, two trees fell from our neighbors yard and landed in our backyard ripping through the fence, and these were 40' PINE trees. Were still cleaning up the yard from these winds which gusted over 70 mph. Palm Springs reported gusts up to 80mph and Los Angeles had gusts up to 60mph. The Antennas came out with little damage, a few elements are bent ever so slightly, but not noticeably enough to considerably effect the DX.

I do hope I receive reports from all of you WESTERNERS (west of the MISSISSIPPI) during this Es season. Lets make the WESTERN-FM DX column BIGGER than all the other columns by sending in your reports. All reports of any Es will be printed. Be sure to include a few brief statements about your receiving equipment and antennas. Remember that an antenna is NOT necessary to receive Es, a long-wire or Rabbit-Ears will work fine, though will not have the directivity of a YAGI.

73, to one and all.

Steve

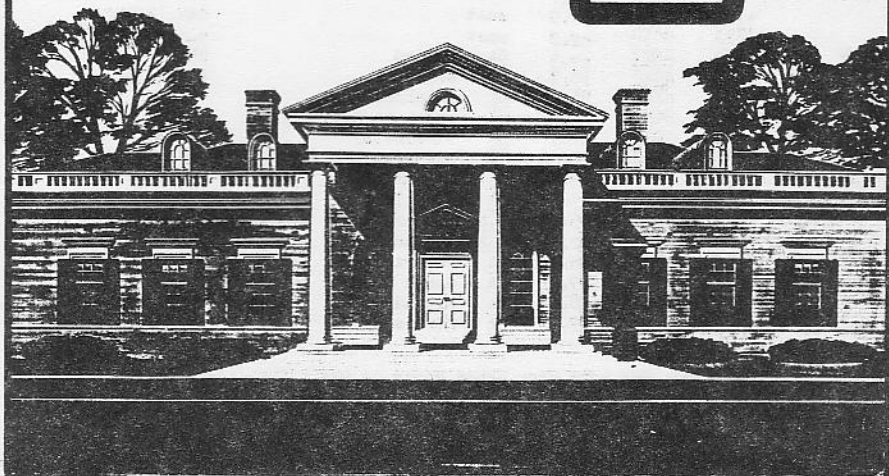
# TV QSL CORNER

PAUL D. TRASKA  
64 WEAVER AVENUE  
BUFFALO, NY 14206

## WKYT-TV

LEXINGTON, KENTUCKY

27



This confirms your report of reception of

## WDBJ-TV

Roanoke, Virginia U.S.A.

DATE 2/12/73 TIME 2:00 - 5:30 PM

Maximum Power 316,000 Watts — Antenna 4000 ft. above sea level

Thank you for your interest.

Channel 7  WDBJ-TV

The above QSL s are part of my collection, seen due to the lack of CONTRIBUTIONS: please report... and also please send information about ALL NIGHT MOVIES in or around your area, but up to date NEWS. I would like to get the article finished & published, so it can be put to use..... 9¢ post card sent to me wont break anybodys pocket.

73 



# FM QSL CORNER

**WDX3OMY**  
**THOMAS J. YINGLING**  
221 Pinewood Rd.  
Baltimore, Md. 21222

CA

KPOL 93.9 Los Angeles, 5700 Sunset Blvd, 90028; letter- F. Chery CE WGHF 23days  
KAPX 107.9 San Clemente, 800 S El Camino Real, 92672; letter & map- Glen Kippel  
KPYB 100.7 San Diego, 1405-5th, 92112; send AM QSL-Card, Charles Abel 10 days  
KDIG 98.1 San Diego, 3299 Holiday Court, La Jolla, 92037; letter & map 12 days  
Tom Francone

KOTE 106.3 Lancaster, box 1152, 95534; verie note attached to my returned rpt,  
Andrew R. Kay, pgs mgr, 10 days

IL

WNCW 89.1 Naperville, North Central College, 60540; letter Dave Grace, CE 26 days  
WSWT 106.9 Peoria, box 3355, West Glen Station, 61614; letter Joseph Gunat, CE 172ds  
WYEN 106.7 Dec Plaines, 2400 E Deven Ave, 90018; form-letter xerox, Glen O'Connell  
Eng Consultant, 181 days !

WLNR 106.3 Lansing, 60438; letter Art Karagard, CE 7 days

WVYX 103.1 Highland Park, 443 Central Ave, 60035; form letter & QSL Card for  
AM & FM (not marked though) Robert C. Soltysik, CE 111 days.

WWRD 105.5 Woodstock, Crystal Lake, 60014; letter with tech info, Malcolm K.  
Belladr, pres 11 days

MN

WAJP 93.5 Joliet, 451 Ruby St, 60435; letter Robert Bandek, gen mgr 9 days

KTIS 98.5 Roseville, North Western College, 55113; letter Don Malley, CE  
also contour map & college broadcasting brochure in 36 days

KRFV 99.1 Menkate, 56001; filled-in xerox verie form, Dave Hooge, CE 39 days

KBBM 88.5 Minneapolis, 1101-3rd Ave. S. 55404; letter with much info on station,  
xmr, ant; William F. Lund, station manager, 6 days

WWJO 98.1 St. Cloud, box 220, 56301; letter, Mike Hendrickson, CE 4 days

KKWS 105.9 Wadena, 56482; letter, Gene G. Randolph, pres/ee 18 days

OH

WOMA 94.3 Marietta, box 708, 45750; report returned with verie note signed by  
C. E. Hunter, CE 11 days

WQMS 96.5 Hamilton, 770 New London, 45013; letter A. Jack Myska VP & gen mgr  
31 days

WFCJ 93.7 Mansburg, box 222, 45342, letter with much xmr/ant info from  
Tom Heraheld, Mgr/CE also pgs sked send 74 days

WKBN 98.9 Youngstown, 3990Sunset Blvd 44501; xerox of an unfilled AM QSL Card  
in 109 days

WBEA 107.3 Elyria, 4th floor, E.S.T. Bldg 44035; letter, Paul Finkel 11 days

WVCO 94.7 Columbus, 4401 Carriage Hill Lane, 43220; verie note on returned  
report, WBEPE, CE 11 days (Whats the CE name?)

WWO 106.1 Mansfield, 2900 Park Ave W. 44906; letter with much tech info  
E. James Hire, CE 15 days

Well there is my biggest report to date, and all from one dx'er, all from Pat Dyer,  
WA5IYX San Antonio, TX. Pat says that these FM QSL he is reporting is most from 1974-  
75 reports/ Well thats about all for now till next month. Send those FM QSL's news to  
Tom Yingling, jr., 221 Pinewood Road, Baltimore, MD 21222 by the 15th of the month, 73a

*Tom*

## NBC'S EXPENSES NOT NICE!

If the above title is unintelligible to you, then you're obviously unaware of the logo change recently made by NBC, who dropped their peacock in favor of a red and blue N developed at a cost of reportedly \$1.5 million. Unfortunately, another network had also invented the same logo--the Nebraska Educational TV Network, which had designed the logo at a cost of about \$100 and who had been utilizing it for some time. In an out-of-court settlement, NBC paid the NETV network over half a million dollars for the rights to the N, and for expenses to be incurred in removing the logo from NETV stationery and their equipment. NBC consequently now has what might be termed "The Two Million Dollar N." CWI

# INTERNATIONAL NOTES from

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

Aeronutronic Ford Corp. of Palo Alto, Calif., is working on a satellite for Japan's National Space Development Agency for launch in February, 1979 that will include an FM color television transmission. This ECS satellite will be launched from Tanegashima, Japan.

An experimental television broadcast satellite is being built by General Electric Co. under a subcontract to Toshiba. BS is to be launched in February or March, 1977, from the Kennedy Space Center. ECS will be stationed at 145 +/- 0.5 degrees East.  
(Aviation week & space technology, March 1, 1976)

Some interesting notes came in a letter from TCOM's Development Manager Thomas F. Curry Jr. He confirms that ZFHQ-6 ch. 11 over High Rock, Grand Bahama Island is down. It went off in December of 1974.

"On numerous occasions a signal level of 52 to 54 dBu was measured in Nassau which is 125 statute miles away."

TCOM current testing at Elizabeth City, N.C., involves only telemetry and command radio links.

He also outlined two other TCOM projects.

One involves two Mark VII aerostats. One is operational while the other is serviced near Chupori, Korea. (Maybe Glenn Hauser is familiar with the location.) Among the projects used are two UHF ETV color transmissions and an FM radio broadcast. (An AM shortwave broadcast channel is also included.)

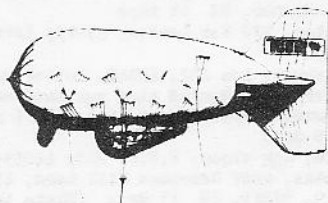
In Iran, two sites are utilized, one covering the Baluchistan area in southeaster Iran and the other in the Persian Gulf region in southwestern Iran. Each contains two TV channels and two FM channels.

No mention of frequencies are made.

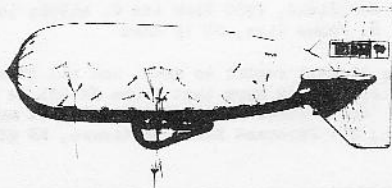
Some side notes on the Bahamas operation. It ran from July, 1973 to December, 1974 and was located at 28 degrees 38' 0" North and 78 degrees 14' 22" West.

Below the two aerostat models are shown:

mark  
VII



mark  
VII-S



TCOM Aerostats, Scaled Size Comparison

Keith Hammer (buy his book...it's good and as the pound drops, it's cheaper than you would believe) sends along this map of Western Europe and the stations he thinks should be easiest catches in the U.S.

7310  
Ken

The French Television Service (TDF) uses SECAM colour with 819 Lines scanning on VHF. UHF is transmitted on 625.

The Spanish Television Service (RTVE) is experimenting with PAL and SECAM colour systems but it is likely that the PAL system will eventually be adopted. The high-powered transmitter of Izana is situated on Tenerife in the Canary Islands and is quite likely to be received in the USA during good sun-spot activity.



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Derby England.

To assist all Television DX-ers with reception identification, the book "Guide To World-Wide Television Test Cards" has been compiled. This publication contains over 260 photographs of Test Cards and Captions used throughout the world. Contents also include: Useful information about many Television Services; Transmission Standards; Abbreviations and full names of the Services; Standard Test Cards.

This unique publication, covering well over 80 countries, costs £1.30 Sterling (including world-wide surface postage) and is available from:

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ENGLAND.

# TV CCI AIDS

Steve West  
432 Kenmore Road  
Havertown, Pa. 19083

May 1976

Deadline: 10th

I would like to thank Paul Gaines, Paul Traska, and Tom Yingling for their unselfish generosity in making this months column possible. I would also like to thank Clarke Ingram and myself for the last column.

Please send in as much detailed information on your locals, along with logos, remember, this column is only as good as you make it! This is your column, it's made by you, and is for you!

WJBK-TV 2 Detroit, Michigan

Sign/on: 0615

Sign/off: 0330 to 0530

News Name: Eyewitness News

"The Best News in Town"

Newsmen: Don Lark, Ken Ford

Beverly Payne, Joe Glover

Ray Lane (S) Jerry Hodak (W)

Woodie Willis, Vic Caputo

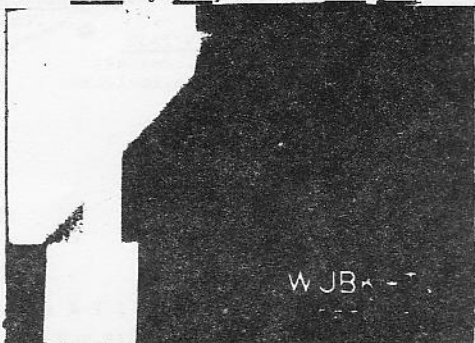
Movie Names: Lata Show, TV-2

Late Late Show, TV-2 Weekend

Movie

Test Pattern: 3/4 color bar, ID on at 5:43am

Miscellaneous: Low Tone used with test pattern, "Operation Second Chance" and "Caputo" shows run late at night, News ID used a lot, shown big and small.



WGR-TV 2 Buffalo, New York

Sign/on: 0630 sun thru fri  
0730 Saturdays

Test Pattern: color bars & test pattern used before sign/on, also slide with rooster seen.



Movie Name: "The Money Movie"

News Name: News Center

Newsmen: Rich Kellerman, Bob Gist

WBEN-TV 4 Buffalo, New York

Sign/on: 0630 Mon thru fri  
0730 Saturdays  
0900 Sundays

Test Pattern: color bars and a slide before sign/on.

Miscellaneous: Monday thru Fridays they carry the ABC programs at 1am, WBEN-TV 4 is CBS.



Newsmen: John Corbet, Chuck Healy  
Keven O'Connor, Jim Mitchell

WWJ-TV 4 Detroit, Michigan

Sign/on: 0630

Sign/off: 0200 to 0300

Test Pattern: 1/2 CB ID at 0600 with high tone

## WWJ-TV 4

News name: News 4 (12, 6 & 11)  
(Continued on next page)

WWJ-TV 4 Detroit, Michigan (continued)

Newsman: Robert Blair, Lowell James, Wes Sarginson, Sonny Eliot (W)

Movie Names: Saturday Night Movie

Test Pattern: 1/2 Color Bar ID, on at 0600 with high tone.

**WWJ-TV 4**



WJIM-TV 6 Lansing, Michigan

Sign/on: 0557

Sign/off: 0130 to 0230

News name: 6 Star News (12, 6 & 11)

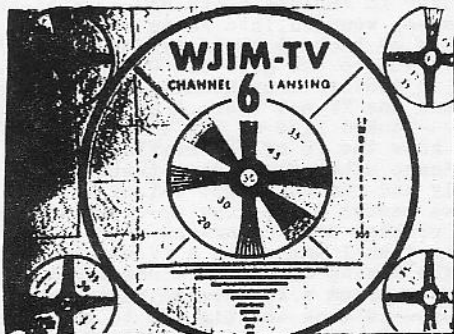
Anchormen: Will Murphy  
Tim Start (S) Pat  
Parker (W)

Movie name: Cinema 6

Test Pattern: on at 0615 with low tone.

Miscellaneous:

"TV-6 News" used during news reports, after CBS movie, a public service program shown a half hour or longer, then sign/off.



Global Television Network Chs. 22, 29, 6, 22, 2, & 6

Global News at 6:00 pm & 10:00pm weekdays only...

Newsman: Peter Truman

WSYR-TV 3 Syracuse, New York ... news is called TV 3 Total News

WHEN-TV 5 Syracuse, New York ... news is called 5 News Center

WESH-TV 2 Daytona Beach, Florida ... Watch the 2 News

WEWS-TV 5 Cleveland, Ohio ... Eyewitness News, with John Hambrick, Dave Patterson ... TV-5 Eyewitness News at 6 & 11pm.

WFBC-TV 4 Greenville, South Carolina ... The Scene Today 9:00am

KRON-TV 4 San Francisco, California ... 11:30pm Sunday the Big 4, Newswatch-4 at 12, 5:30, 6:30 & 11, "The Big 4, TV with a grasp of the news"

WBAY-TV 2 Green Bay, Wisconsin ... Chuck Ramsay TV 2 news at 6 & 10

WTWO-TV 2 Terre Haute, Indiana ... Ron Howard weatherman on Eyewitness news TV-2

# THIS IS YOUR DX

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

All DXers have stories they can tell & this is the column for it! MS ES TROPS etc. what ever it is---send it to me at the above address. I know you DXers, both TV & FM, have some great pick-ups, lets hear about them!

I will start this column with my big one. But let me lead you in to it, for I was not a DXer at the time.

I was born in Detroit a long time ago. When I was eleven my Dad gave me a choice of having a bicycle or a radio. I thought on for a day and made my decision. I was the only kid in the neighborhood that used a scooter! Ah! But having a radio for my room was a big thing! For everything was on radio-you name it! It was our TV in those days. My Dad bought me Whites Radio Log, a habit I kept through the years. It listed all U.S. AM radio stations by frequency, call letters, & by cities - also stations in Canada & Mexico. Had a complete listing of SW stations also. Yes! People DXed back in those also. WLW-Cincinnati, Ohio was the most powerful AM station in North America at 500,000 Wts & WEXL-Royal Oak, Mich. was one of the weakest at 50 Wts---I got them both! (smile)!

Well time passes---WW2 I went into the army-Ill, Calif, Md, Boston, & then over to England & its BBC---(WOW!-those chimes on the hour!). On to France, wounded, into Paris on my back & over to England by plane, still on my back, & the first on a plane! BBC---again! WOW! Finally---back to the to the good old U.S.A. & N.Y.C. Not as great as you think! I was in another army hospital & didn't see the town! I was walking now. They had one TV set there & one night I got see it. They had on a boxing match---looked like an old time news reel. It was live from N.Y.C.---I don't know the ID of the station---sorry fellows---but it was 1945. On to Chicago after three days there. Spent one year in Chi & saw no TVs. We only had radios. I got out of service there & went home to Det.

Time passes & you grow up---marrage, jobs, children, etc. That brings us up to present time. I now am a free man, living in an apartment in NW DET. At this time I was still a TV watcher, not a DXer. Oh! it's true I have seen the Flying Classroom & one night I got London-10, Johnston-6, & a belly dancer on a Pittsburgh station---I think it was 4. I'm still a TV watcher---it took the big one to make me what I am today---a TV DXer!

It was Sunday morning---8-20-73 & WJBK-2 had just gone the air---time 03:30. Something was on chan-2, fading in & out, both V & A. I got my Panasonic taper & waited, it was movie. A French one with English dubbed in type. I was using then Admiral 12" color set, which was placed in front of the couch. I will add---in the worst part of the apartment for reception---even my radios don't pick up good there! & I'm using rabbit ears! This movie went on & on---no ID---no ads? I finally started tapping the end of the movie. Sign-off time came! And the big thing was---this station faded in! How about that! It was CKCK---Regina, Sask.---WOW!--- & I got it on tape! Two things---I am glad that WJBK went off the air & that I didn't fall asleep! About a year later, the same time & about the same month I got KTWO-2. Well, I mailed the tape to CKCK & got it back with a nice tapped letter on the other side of it from Mr. L. Westmorland. Later that A.M. I looked through my Whites Radio Log, which now lists TV & FM stations. I saw an ad for W.T.F.D.A.---it sounded good---so I joined the club & I haven't been sorry yet! Thanks all help from club members & Rod Louma---WJBK-2---where he works. For without his help, you would not be seeing any pictures of mine! This club of ours has got a lot of great people in it. So thats why I rate my CKCK pick-up as the big one! For without it---I would still be a TV watcher---not a TV DXer! DXing in a big city is ruff with all it's interference---locals, semi-locals, FM, CBs, etc. But there has been other good pick-ups---that make it worth it! Like WJHT-17 without a P. dish, ES CMQ-6 & getting good pic of their TP, & MS WCBS-2 also getting their TP pic. I guess I can't cry! And I thank the Lord for my pick-ups! Every X-mas I send Mr. L. Westmorland a card & letter, this last X-mas I also sent him some DX pics. Last I got a nice letter & pics from him---nice to have a friend in Canada VIA of TV!

Well, I guess thats it! I'll close it out for now---hope to see you in Chicago at convention time. Will try & to get Mr. Louma there also---you like him!

So send me your stuff, yes! we will print it! because this is a column of & about you---the worlds greatest DXers---TV & FM!!! 73's-Paul Gaines

# TV CCI

## UNIDENTIFIED TV-DX

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

MAY 1976

KIVA-12 is in the New Mexico Edition of TV GUIDE. This can be added to the WTFDA TV STATION GUIDE. If you do not have a copy of it I recommend that it should be obtained as it is the most accurate list available.

### KIVA TV

I plan to compile a list of TV station addresses. If everyone would side their local's addresses in on a 3 by 5 inch file card it would be appreciated. I would like to eventually have a complete list of addresses in booklet form.

Members are now needed to supply TV GUIDE Editions not available from the regional offices. If any of the editions in the below list can be bought in your area or if you know someone who might be able to supply any of them please write. I hope to have a complete set of TV GUIDES by next summer.

Carolina-Tennessee  
North Georgia  
Northern Alabama  
South Carolina  
South Georgia  
Southern Alabama  
Eastern New England  
Maine  
New Hampshire  
Western New England  
Eastern British Colum.

Chicago Metro  
Hawaii  
South Texas  
Southeast Texas  
Central California  
Nevada  
San Diego  
New Jersey-Pennsylvania  
Philadelphia Metro  
Southeast Pennsylvania  
Manitoba-Saskatchewan

Pittsburgh Metro  
Eastern Washington State  
Montana  
Western Washington State  
Central Virginia  
Eastern Virginia  
Washington-Baltimore  
Central Pennsylvania  
Pennsylvania-New York  
Alberta  
Western British Columbia

Before sending any TV GUIDES please drop a line with those editions available.

Another project I am interested in is the plotting of E skip openings. These are invaluable in the identification of stations. Members interested please write.

Now that the E skip season is upon us I suggest that everyone keep their TV GUIDES so when the Unids appear in TV-CCI members can refer back to them to supply both positive and negative identifications.

I also suggest the support of TV-CCI AIDS. Send Steve West your locals characteristics today. Both Steve and I will appreciate it. (See TV-CCI AIDS March 1976).

73's until next month

*Frank Aden*

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