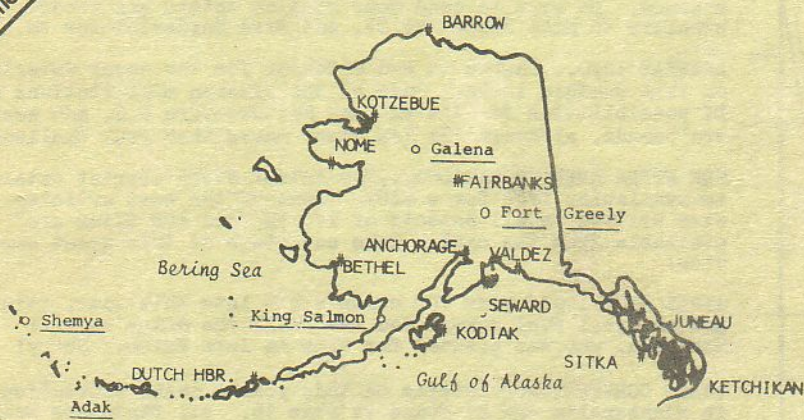


# VHF-UHF DIGEST

the official publication of the Worldwide TV-FM DX Association

APRIL 1979



## AFRTS TV and FM in Alaska

| <u>FM</u>   |          |       | <u>TV</u>   |            |        |
|-------------|----------|-------|-------------|------------|--------|
| Fort Greely | \$ 90.5  | 150w  | Shemya      | Channel 13 | 1000w  |
| Shemya      | 90.5     | 50w   | Adak        | Channel 8  | 1350w  |
| Shemya      | \$ 101.1 | 1000w | King Salmon | Ch 8       | 1000w* |
| Adak        | \$ 101.1 | 250w  | Galena      | Channel 8  | 1000w  |

\$ - Stereo Stations

\* King Salmon Translators (all are 10 watts)

Dillingham KØ2GU      Kohiganek KØ8HS      Aleknagek KØ8HU  
 Naknek/S.Naknek K11KR      Levelock KØ7LC      New Stuyahok/Ekwok K12JE

# From The Staff :

WTFDA Headquarters, P.O. Box 202, Whiting, Indiana 46394

**SPRING IS HERE...**DX conditions are hopefully starting to get into high gear as you read this. This may prove to be a very interesting year for Es, with the distinct possibility of it linking up with transequatorial scatter. No matter what kind of Es season it turns out to be, it will be followed by what may turn out to be the best F2 skip conditions in history! F2 normally reaches a low point in summer, but with the peak approaching, 30-50 MHz will be wild this season!

**COLUMN NEWS...**The VUD has a full editorial staff again, with the return of two columns. WESTERN TV DX is back, NORTHERN FM DX has returned on a more regular basis, and Mike Hogan is the new editor for TV STATISTICS, which will alternate with FM STATISTICS. TV Stats is making its return after a long absence. Be sure to send your station totals and record breakers to Mike Hogan for TV, and Fred Nordquist for FM.

**ALASKAN INFO...**Thanks to Rod O'Connor for the cover material on this month's issue. Some of the Alaskan mini-stations are DX possibilities for the extreme Northwestern U.S. and western Canada, although the low power makes them real challenges.

**NEW WTFDA REPRINT CATALOG...**The latest WTFDA reprint catalog is available, free for a SASE. Some of the best articles ever written on all aspects of TV, FM, and PSB DXing are available from the club. Take advantage of this great service!

**APRIL FOOL?...**If your VUD comes a bit late this time, it's not an April Fool joke! You can blame the delay on Bill Thompson, who was pressed for time in late March. Sorry!

**ANARC CONVENTION...**Details on this year's ANARC convention in Minneapolis can be found on page 16. All DXers are welcome at the June event!

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# MAILBOX

John Zondlo  
6617 Maryland  
Hammond, IN 46323  
(219) 844-8694  
Deadline: 10th

## New Members:

Lawrence Crane  
Ray Fraser  
Mark Harms  
Ed Houchins

248 State St.  
3730 Deerwood Trail  
600 Bancroft Road  
P.O. Box 95, 137 W.  
North St.

Albany, NY 12210  
Melbourne, FL 32935  
Walnut Creek, CA 94598  
Niantic, IL 62551

Martin Lawson  
William Leal  
John Marx  
W.R. McIntosh  
George Ziegler

Kibbutz Ha'ogen 42880  
2297 Parkwood Ave.  
Box 971  
12000 Bambi Place  
1734 Village Run N.

ISRAEL  
Windsor, ON N8W 2K1  
Madison, WI 53701  
Granada Hills, CA 91344  
Encinitas, CA 92024

## Renewals:

Thomas Cornell, Emile Courcy, David Curvin, Richard Eckman, Ronald Green, Gerard Hart, William Hepburn, Carlton Howington, David Leibold, R.E. Lyons, Joseph Markewicz, Henry McCoy, Jr., Greg Monti, Fred Nordquist, Jim Pizzi, Les Price, Mike Reid, John Robertson, Chuck Sampson, Peter Skinner, Joseph Smith, Jr., Richard Steinberger, Peter Taylor, Richard Tidberg, Frank Wheeler, Neil Zank.

## Rejoins:

David Wurl-Route 3, Box 374-Stratford, WI 54484

## Address Changes:

John Czarnomski-1127 Austin Hall-University of Utah-Salt Lake City, UT 84112  
Steve Rich-7152C Constitution Drive-Indianapolis, IN 46256  
Chuck Sampson-LS7C-1100 E. 55th-Chicago, IL 60615

## Renewals Due in May:

Peter Baskind, William Bens, Bill Coleman, Robert Curtis, Don Davis, Jim Gill, Robert Goodman, William Greenberg, John Griffiths, William Higgs, Roger Horie, Jim Jennings, Joseph Longmoore, Gary Lovegren, Peter Luellen, Doug McAbee, Lowell McCown, Alan Mayer, Mort Meehan, Charles Mylod, Rod O'Connor, Bill Phillipson, John Reed, Doug Samer, Dr. James Snow, Jeff Wolf, Robert Zent.

The DX gear of RAY FRASER includes a Fisher FM tuner, an RCA 12" B&W TV, and a Heathkit 25" color TV. He's an electrical designer who's into FM, TV, and BCB DX. Ray learned about the club in Communications World Magazine.

Thanks to Communications World, Popular Electronics and Elementary Electronics we now have MARK HARMS in the fold. A member of NRC, Mark is a 21 year old student interested in FM, TV and BCB DX. He DXs with a 19" B&W portable TV.

From eastern Illinois comes new member ED HOUCHINS. He learned about the club from former member Andy Bolin. DX gear at his shack includes a 19" B&W Sylvania TV, a Channel Master VHF antenna, a screen UHF antenna, both mounted 25' above ground.

WILLIAM LEAL also belongs to NASWA and ODXA. He's into shortwave and ham radio, has several Realistic scanners and 2 meter FM gear. William heard about us in Communications World.

A Sansui 5050 is the main FM unit of JOHN MARX. He's a 28 year old taxi dispatcher who also belongs to NRC. John's DX interests span BCB, FM and utility stations.

We're honored to have W.R. MCINTOSH in the club. W.R. is the publisher of "The Lowdown", the bulletin of the Longwave Club of America, one of our sister clubs in ANARC. He adds one more club to his already impressive list: LWCA, NNRC, RCMA, SPEEDX, NRC, IRCA, ASWLC, and NASWA. W.R. has been at the dials for 50 years now.

## Tidbits.....

Several short items this time, then we'll turn the rest of the space over to someone else. First we have these words of re-introduction by Ronald Green (1701 Campbell Blvd.-Bldg. #4, Apt. 11-Joplin, MO 64801): "My interest is in FM DX. I use a McIntosh MR-78 tuner and a Channel Master Stereo Probe 9 at about 25'. I am presently not using any type of pre-amp."

(Tidbits cont.) Normal range is often to 300 miles. This is the first season at this location, so I hope to be able to receive stations never before possible. There are 3 local stations, two of them 100kw. Adjacent reception is possible on any of them if there is any reasonable signal strength. The most difficult, of course, is the class A 92.7 next to local 92.5 100kw. It's out at about 130 miles in about the opposite direction. I have heard it several times. Another interesting thing about the antenna is its ability to pick up a 104.9 Springdale when 104.9 Carthage is on the air. Carthage is less than 20 miles from my location. This is only a sometimes thing, but incredible. Thanks for your continued info on FM changes."

It's good to have Bruce Metzner (7435 N. Ashland-Chicago, IL 60626) back in the club. He writes, "My living situation is going to be indefinite for much of 1979. I'm currently in a condo rental and may remain there until late summer. In any event, when we get a little snow-melt on the roof I'd like to slap a CM Super-Crossfire up on the mast and raise the set-up by 10' over what I have currently: a paltry 35' or so above ground. Sure hope to settle out in the suburbs before too long and get back into a tower-type set-up." Bruce is on the publications staff at Northwestern University.

It's likewise good to have David Wurl (address on preceding page) back in the fold. He says, "I was a member in 1976-77, but because of a change in jobs and never being at home I could not keep up with my interest in DXing. Although my main interest is the 535 to 1605 BCB, I enjoyed reading and looked forward to receiving the VUF every month and corresponding with club members, notably Michael Dorner. I now have some time to myself and am interested in taking up the hobby again. I am also joining IRCA. For those interested in UHF TV, Broadcasting magazine had a special report on it in its February 22 edition covering its growth factors in the last 27 years, plus other articles, including a complete list of UHF assignments."

Here's a few words from member Steve West (school address is 905 SW 6th Ave.-Gainesville, FL 32601): "I may be dropping out of the club temporarily until I can get enough money saved up. I am going to the University of Florida. I have an 8 bay antenna up at about 30' and a VHF conical antenna at about 25' on a rotor. So far I have gotten DX on FM and TV from Miami to Savannah quite regularly. I've been going to U. of Florida since January. Last semester I was going to the University of Miami. The DX there was not very good, only one opening to Savannah, one to Cuba on TV, and a few weak ones to Vero Beach, Ft. Myers and Sarasota. I hope to make the Baltimore convention."

Let's wrap up this edition of Mailbox with a few short comments from several members. First Greg Monti: "I seem to remember that there were two days of tropo and zero E-skip last summer. Let's hope for a better turnout, as it were, this year!" William Hepburn: "I will be 16 at the end of this month (February) and still enjoy receiving the informative monthly VUDs, as well as sending in my reception logs and station information. Keep up the good work." Frank Wheeler: "I always enjoy the club. This past year has been the worst year TV DX-wise that I ever experienced, so this year has got to be better, even without much effort. Good DXing to all." Gerard Hart: "I have enjoyed receiving your digests during the past year. I am primarily interested in TV DX, although I have tried FM DXing from time to time. I have recently enjoyed the thrill of receiving the audio of BBC-1-TV on 2/6/79 on 41.50 MHz from 1325-1400 EST. This has opened a new DX interest for me, that of PSB DXing. I hope to report later, in more detail, my DX findings in your various DX columns."

DX conditions so far this year bid well for 1979. Both BBC-1 and ORTF audio have been received, and we've had a couple better than average trop openings, considering the time of year it is. Anything is better than last year, hi. Your comments about the club and suggestions on how to improve it are always welcome. See y'all next month.....73.....jz

## STATION BREAK

WTFDA Headquarters  
Post Office Box 202  
Whiting, IN 46394

WTFDA member ads only. 30 word or 3 line limit.

**SUPERSCOPE CR-800 AM/FM cassette portable. PA/Play Mix/Auto shut off features. Manual and original carton included. \$45.00 ppd U.P.S. - Money Order. Neil G. Zank, P.O. Box 5563, Lincoln, NE 68505. (402)489-0272.**

WTFDA TV STATION GUIDE UPDATE... The ups and downs of the progress of this project if charted on paper would probably make a great design for a roller coaster. First delays were political, then a package of critical material was reported as lost in the mail, so now what else could happen? Well, two of our key reference sources, TV Factbook and Broadcasting Yearbook are late this year. The Factbook, originally planned for January release, might just make it out in early May. Because of all the time lost by past problems, we were confronted with going ahead with last year's data or delaying even longer until current data was available. We chose to accept the latter. To those members who have volunteered to help on the project or placed advance orders, please be patient a little longer. In the meantime, keep watching for news.

CODED TV CAPTIONS COMING BY '80... Long talked about, the use of line 21 for TV captions for the deaf is about to happen. HEW just announced that NBC and ABC will participate in a program to deliver about 15 hours of captioned programming per week. When viewed on a TV set connected to a special decoder, the captions appear at the bottom of the screen. The decoders are expected to cost about \$250 and will be sold by Sears.

FM BEAM BOX A BUST FOR DX... In a recent product test, Stereo Review said the BIC FM-8 "Beam Box" is a low gain but convenient indoor FM antenna. According to the report, "In every case, the Beam Box delivered less signal strength than an optimally oriented dipole. The average difference between the FM 8 and the dipole was 13.6 dB, varying from 8 dB with some stations at the upper end of the FM band to as much as 22 dB near the lower end." The Beam Box FM 8 sells for \$50.

MORE VCR NEWS... While rumors persist of an upcoming new breed of VCR, the old breed continues to be perfected. Sanyo announced that they have developed a 4-1/2 hour Beta VCR, topping the 4 hour maximum on VHS machines. Quality was said to be at least equal existing 3 hour Beta machines, but with new added features. Soon after Sanyo's announcement, Sony and Toshiba also announced that they would offer similar machines. The Sony VCR is expected to offer such features as four forward speeds (including slow motion) and even a reverse play position. The Sony and Toshiba VCRs will be available in programmable versions, similar to the VHS programmables... An interesting side note, Sony is now manufacturing video cassettes in Dothan Alabama and exporting them to Japan... Who sells the most VCRs? By brand it's Sony according to a recent research study, but more VHS units are sold than Beta VCRs... The trade papers and newsletters are always buzzing with rumors about totally new video recorder concepts. Most of these concepts never turn into practical consumer items, so we continue to report news of the leading contenders only.

WHAT'S AHEAD FOR THE DX SEASON? No one really knows for sure, but let's hope that the '79 Es season is better than that of '78. Right now you can improve your chances of success however, by sending a SASE to WTFDA headquarters for a copy of the new reprint catalog. Once you receive it, you'll be able to order articles on everything from how to build an indoor DX antenna to how to ID a mystery logging. Order a copy today!

BITS... Blonder-Tongue has just announced a new 53-page catalog covering many products of interest to TV and FM DXers. The new catalog features antennas, preamps, traps and other accessories. It's free from Blonder-Tongue Labs, Inc., One Jake Brown Road, Old Bridge, New Jersey 08857... Bob Cooper's how-to article on satellite signal reception is now scheduled to begin in a summer or fall issue of Radio-Electronics. It will be a multipart article of considerable detail... This summer Davis Publications (Elementary Electronics) will offer a new annual called Radio Experimenter 1979. According to the publisher, the publication will cover "the entire spectrum of radio-oriented hobby activities" including scanners, and FM and TV DXing... If you are bugged by TV signal images on your 30 to 50 MHz receiver, try adding a ham radio low-pass filter between your receiver and antenna. The filter should be one designed to pass signals up to 54MHz. These filters are intended to be used with a transmitter to reduce harmonics which cause TVI, but also effectively reduce received interference from signals above 54 MHz.

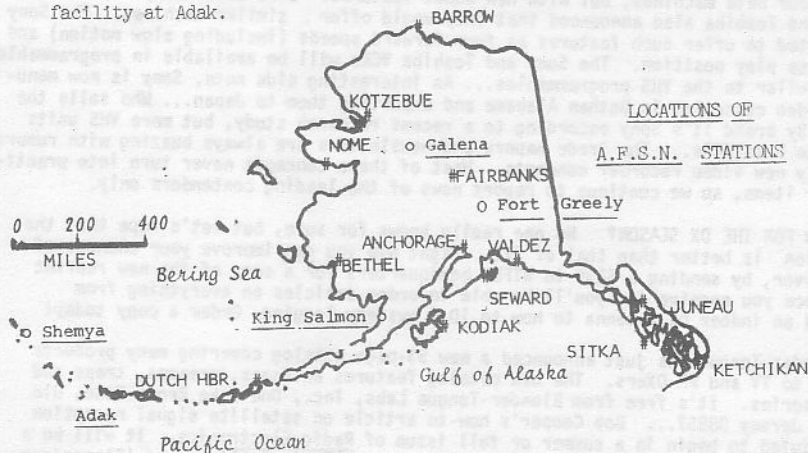
This month's contributors included Bill Thompson, Dan Davis and Robert Goodman. WTFDA NEWSWIRE will return in June.

73, Morrie

# AFRTS ALASKA UPDATE

by Rod O'Connor

The new Alaskan Forces Satellite Television Network is presently in the final stages of completion. The former system had the U.S. Air Force operating three independent TV stations, and the Navy operating another. In August 1978 the U.S. Department of Defense, Armed Forces Information Service gave approval for the Satellite Network. The final result will be the converting of the three Air-Force operated stations to unmanned TV Repeater sites. These sites will be fed by satellite from the new network headquarters at Elmendorf Air Force Base near Anchorage. Also scheduled for inclusion in the network is the Navy-operated facility at Adak.



The installations served by the present system, and scheduled for the satellite system are the Naval Station at Adak; Galena Airport (including Campion Air Force station); King Salmon Air Force Station\*; and Shemya Air Force Base (including Attu Coast Guard Loran Station).

\* The Bristol Bay villages of Dillingham, Naknek, Aleknagik, Manokatak, Levelock, Kohiganek & New Stuyahok receive the King Salmon TV Signal thru a series of 10-watt translators funded by the state of Alaska. Department of Defense approval was obtained thru Congressional Delegation.

(continued on page 20)



# TV NEWS

John F. Combs  
2485 Ivan Ct.  
Orlando FL 32807  
(305) 677-0066

April 1979

### CONSTRUCTION PERMITS GRANTED

|               |         |         |          |
|---------------|---------|---------|----------|
| Clearwater FL | Ch. 22  | 2080-kw | 1429 AAT |
| Vineland NJ   | Ch. 65- | 3630-kw | 800 AAT  |
| Harlingen TX  | Ch. 60  | 603-kw  | 1410 AAT |

Christian Television Corp.  
Renaissance Broadcasting Corp.  
TX Consumer Education & Commu-  
nications Development Commi-  
tee (ETV)

### CHANGES GRANTED IN OPERATING STATIONS

|         |   |
|---------|---|
| WTSP-10 | Tampa-St. Pete FL to 1500 AAT (500)                     |
| WEIQ-42 | Mobile AL to 1170-kw (234)                              |
| WXXI-21 | Rochester NY to 1380-kw, 510 AAT (1480, 453), move xmtr |

### APPLICATIONS FOR NEW STATIONS

|  |         |         |          |   |
|--|---------|---------|----------|---|
| Chico CA   | Ch. 24+ | 5000-kw | 1772 AAT | Superior Broadcasting of CA                       |
| Seaford DE   | Ch. 38  | 3630-kw | 1000 AAT | URC Mgmt. Services Corp.                          |
| DeKalb IL  | Ch. 48- | 4560-kw | 1093 AAT | Northern IL Public Tele-Communi-<br>cations Corp. |
| Maristee MI  | Ch. 21  | 1405-kw | 1189 AAT | Grand Valley State Colleges                       |
| Medford OR   | Ch. 12? | 186-kw  | 2704 AAT | Highland Communications                           |
| (To my knowledge, there is no Ch. 12 allocation to Medford--jfc) |         |         |          |   |
| Columbia SC  | Ch. 57- | 167-kw  | 573 AAT  | Carolina Christian Broadcasting                   |

### MODIFICATION OF CP GRANTED

WCET-48 Cincinnati OH change to 2234-kw

### ENGINEERING TECHNICAL DATA SUBMITTED

KDTV-60 San Francisco CA change to Ch. 14, 2570-kw, 1250 AAT  
KCSM-14 San Mateo CA change to Ch. 60, 1550-kw, 1210 AAT, move xmtr

### REQUESTS FOR CALL LETTERS

|         |               |            |                 |              |            |
|---------|---------------|------------|-----------------|--------------|------------|
| KTAR-12 | Phoenix AZ    | wants KPNX | KSD-5           | St. Louis MO | wants KSDT |
| New 8   | Grand Jct. CO | wants KJCT | WRIK-7          | Ponce PR     | wants WLuz |
| New 9   | Bemidji MN    | wants KAWA | WHIS-6          | Bluefield WV | wants WVVA |
|         |               | WSTV-9     | Stuebenville OH | wants WTOV   |            |

### NEW CALL LETTERS ASSIGNED

Oklahoma City OK Ch. 43 KPFC (Christian Broadcasting of OK)

### STATION IDENTIFICATION REQUESTED

WKTV-2 Utica NY wants ID as Utica-Rome

### CHANGE IN ALLOCATION TABLE (\*=ETV)

| Location   | Add | Delete | Location     | Add | Delete |
|------------|-----|--------|--------------|-----|--------|
| De Kalb IL | *33 | *48    | Kalamazoo MI | 52  | *52    |

### SELECTED TRANSLATOR INFORMATION

Los Altos, etc., etc., etc. CA: Ch. 42 (KNTV-11) change to Ch. 22, 1000-w  
Macon MS: W65AO (WTOK-11), 100-w granted CP  
Lowry, etc. SD: K62AV, K68BM (KXON-5, KPRY-4), 1000-w each, granted CPs  
Lebanon NH/White River Jct. VT: W65AM (WNNE-31), 100-w granted CP

## State of the Industry

(as of February 22, 1979)

|                               |            |
|-------------------------------|------------|
| Commercial VHF.....           | 515        |
| Educational VHF.....          | 108        |
| TOTAL VHF ON-AIR.....         | 623        |
| Commercial UHF.....           | 210        |
| Educational UHF.....          | 166        |
| TOTAL UHF ON-AIR.....         | 376        |
| <b>TOTAL TV ON-AIR.....</b>   | <b>999</b> |
| Licensed VHF Translators..... | 2379       |
| Licensed UHF Translators..... | 1184       |
| TOTAL TRANSLATORS.....        | 3563       |

**EDITOR'S NOTE:** I have decided, with the help and advice of editor-in-chief Bill Thompson, to limit translator information each month to that which I deem to be of practical use to WTFDA members. I feel this is a workable, satisfactory compromise. Also, as my finances do not presently allow me to purchase a new typewriter, I am forced to use the machines at school which, as you can see, have larger type than some machines I've used in the past. This type makes the 2-column format very difficult and hard-to-read, so I've tried to arrange the information in as lucid and readable a style as possible and still try to keep VUD space used to a minimum!

# MORE TO COME ON NEXT PAGE

A TV GUIDE ARTICLE published recently which dealt with new television technology, gave a paragraph to circular polarization (CP). The article states that "at least one station is currently switching to CP" in Chicago, Indianapolis, Miami, Raleigh, and San Diego. We all know about WLS-7 Chicago and WRAL-5 Raleigh, but which stations in the other three cities are going CP? The article didn't even mention Florence SC where WBTW-13 will soon switch to CP. Anyone having any information on "CP CPs" (hi-hi) should notify FCC-TV as soon as possible.

BUFFALO'S WEATHER, which turned out to be among the worst in history this past winter, took its toll on area TV stations. The most interesting report is on WGR-2, where severe icing on its microwave relay dish forced cancelled regular programming until chief engineer Dick Westlund blasted the ice off the dish--with a .22-caliber rifle!! WKBW-7 had some hassles too, with a bad transmission line leak. But some of the worst luck fell upon the Chautauqua County ETV translator system. W46AB and W26AA, both powerful 1000-watters, were both destroyed by the severe storms, and many smaller translators, who depend upon W46AB for their feed, have been forced off-the-air. It's not nice to fool with Mother Nature!!

TROUBLE IN LOUISVILLE didn't involve severe weather, but fire. A lightning strike destroyed the transmitter of WLKY-32, the local ABC affiliate. Any equipment not destroyed by the resulting fire was ruined by water damage. According to an ABC News report on the blaze, it is unknown when the station will be able to return to the air.

OUT ON LONG ISLAND the temporary off-air hiatus of WLIW-21 Garden City was due to moving their transmitter to a new site about 10 miles ENE of the old one. The PBS affiliate, like many others, is now equipped for satellite reception of network service, and has their first studio! (They reportedly used to do the news from the control room!)

SECA stands for Southern Educational Communications Association, and the 16-state region served by SECA seems to be "where it's happening" for new PBS stations. Plans call for activation of the following stations during 1979: WKOH-19 Owensboro KY, WKPD-29 Paducah KY, KMOS-6 Sedalia MO, Ch. 60 Harlingen TX, Ch. 62 Frederick MD, Ch. 36 Oakland MD, KLTLL-24 Lafayette LA, Ch. 30 Fort Myers FL, Ch. 18 Lake Charles LA, and Ch. 19 Jacksonville NC. In the planning stages for 1980-81 are: Ch. 25 Alexandria LA, Ch. 23 Conway SC, Ch. 49 Spartanburg SC, Ch. 38 Greenwood SC, Ch. 11 Houma LA, Ch. 44 Aiken SC, and Ch. 17 Orangeburg SC. SECA also reports KLRU-18 Austin TX as on-air, though there has been no official word of this. More new DX targets and, alas, more UHF congestion!

CHANNEL 13 IN TACOMA, Washington is a commercial allocation. KCPQ-13, the station presently occupying the channel, is operating educationally. The Clove Park School Board's plan to sell the station to a commercial group has aroused the ire of a sizeable group of local residents that want to keep a PBS station on-the-air. The group is petitioning the FCC to switch Tacoma's educational reservation from Ch. 56 to Ch. 13.

THE CHRISTIAN BROADCASTING NETWORK has negotiated an agreement with KTLA-5, an L.A. independant, whereby CBN will supply the station with a 10-meter satellite dish for live distribution of CBN programming. The dish will also be utilized as the feed point of an extensive microwave system which will relay CBN through much of southern California.

WILL ABC BE SATISFIED WITH ITS "KILL"? Yes, says Robert F. Fountain, vice-president in charge of station relations. He feels that ABC will not continue "to attract or be interested in as many new affiliates in the next three years as in the past three." Says Fountain, "we're at parity now."

"SUPER-STATION" STRIKES AGAIN!! A November Arbitron survey gives WTCG-17 only 36,100 homes in its home Atlanta market, but a whopping total of 2,079,000 homes including its satellite audience. I wonder if that total includes Cooper.....

STLS ON UHF?? A petition by Mosely Associates, Inc., a communication equipment manufacturer, calls for the use of vacant UHF channels on a secondary, non-interfering basis for aural STLS and inter-city relays. The Association of Maximum Service Telecasters (AMST) is one of many groups crying "Foul!" and declaring the proposal as "not feasible." If the plan were approved, it could mean many new and interesting DX targets, as anything transmitting in the VHF-UHF spectrum is fair game!

CONTRIBUTORS this time: Bob Grant, Detroit MI (who was kind enough to send me a list of TWO stations even after someone had pointed out to me that such a list had already been run--thanks, Bob!); Greg Monti, Bayville NY; Paul Mount, Nelsonville OH; Dave Pomeroy, KTWU-11, Topeka KS; Ken Simon, Lake Worth FL; and Bill Thompson, somewhere in the wilds of Buffalo NY. ALSO, Winston Smith, a Jamaica member, needs to know of U.S. sources for low-loss twin-lead and low-noise VHF pre-amps. If you can help, his address is: 4 Rifle Rd., Norman Gardens, Kingston 2, Jamaica, W.I. THAT'S ALL!! 73s, JOHN





# FM NEWS

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

### NEW STATIONS GRANTED

**A K** Fort Greely "AFR-FM" \*90.5, 150 watts  
ON AIR! Joe Markiewicz is looking up the location of Fort Greely.

**AK** Shemaya "AFR-FM" \*90.5 50 watts mono, also ON AIR.

**IL** Alledo 102.3 3000; 300' (College)  
**IA** Fort Dodge \*91.1 65000 h.v.; 1050' IA Central  
**NE** Blair 106.3 3000 h.v.; 300'  
**OR** North Bend (near Coos Bay, not near Bend) 100.9 800 h.v.; 600', m.

**TX** Levelland 105.5 3000 h.v.; 300'  
**WA** Pullman \*90.7 10 WA State U.  
**AT** Lake Louise CJAY-97.5 1 w, r.

**BC** Vancouver new CKWX radio for a j station, 52000 watts; frequency to be determined.  
**BC** Vancouver 100000 w g station, Ralph Jacobson. Frequency to be determined; power may be reduced.

**MB** Brandon 92.7 \$, c, 100000, CBC-FM relayser  
**ON** Brockville 104.9 \$, 3000 h.v.; 382'

**PQ** Chicoutimi (not yet called "Saguenay") 96.7 28600 (replaces delisted CHUT)

**PQ** Fort Chimo 90.1 2w r (rounded to 1 w), e.  
ON AIR, DX Ready! (presumed)

**CT** Barlin WERB \*89.9 10 watts

**IA** Forest City KJOW 102.3 3000 h.v.; 300'  
**IA** Spencer KRGS 104.9 3000 h.v.; 300'

**KY** Jackson WJSN 97.7 580 h.v.; 610'  
**NC** Elon College WSOE \*89.3 10 watts

**TN** Gallatin WVCP \*88.3 6000; 51'  
**VA** Radford WRRC \*89.9 10 watts

**FACILITIES' NEWS**

**CO** Durango KDUR \*91.9 has vertical  
**CT** Bridgeport WPKN \*89.5 directional

**IA** Onawa from 106.3 to 102.3 3000 h.v.; 225', k  
**MI** Coldwater WNNW 98.5 470' (50000 h.v.), and its transmitter moves to Girard MI.

**NH** Rochester 96.7 3000 h.v.; 300'  
**SD** Aberdeen KASD \*90.1 continues at 10-watts, after failing to complete its application for higher power; has rock music.

**TN** Hendersonville WBYQ 92.1 vertical  
**UT** Centerville KCGL 105.5 500 h.v.; 650', now serving Salt Lake City with Grade A signal.

**WA** Seattle KNHC \*89.5 directional  
**WV** Backley WCIR-FM 103.7 has vertical; rp, "CIR Music Radio."

**STEREO**, to be \$, or Stereo Resumed

**AR** Hot Springs XKOW-FM 106.3, Mutual  
**CA** Fallbrook KAVO 107.1

**CA** Monte Rio KRJB 97.7 m, some jazz, etc.  
**CT** Danbury WXCI \*91.7 pr

**NY** Garden City WBAA \*90.3  
**NY** Garden City WHPC \*90.3 Share same transmitter.

**OH** Xenia WDJX 103.9 (was js)  
**OK** Oklahoma City KAEZ 107.7

**TX** Amarillo KYTX 98.7  
**TX** Burnet KHLB-FM 107.1, Mutual

**NL** Montegrans XHMF 104.5 [Mexico]  
**STEREANS** or nonIDs

**IL** Chicago WGCI 107.5 Studio 107  
**OH** Columbus WRMZ 99.7 Z-100, FM-100, and "The Disco Leader."

**OH** Hamilton WOKV 103.5 "103 1/2" [nonID]  
**OH** New Lexington WWJM 106.3 M106-strict-

**PA** Pittsburgh WSHH 99.7 Wish-Radio  
**WA**MO 105.9 Stereo-108

**WV** Charleston WVAJ 99.9 V-100

**SCA** (+), 67 kHz  
**TX** Houston KUHF \*88.7 adds talking book  
KIKK-FM 95.7 no SCA  
**WI** Milwaukee WNUW 99.1 adds SCA

### FORMATS/NETWORKS

**AL** Mobile WHIL \*91.3 c (not rc)  
**AK** Ketchikan KRBD \*105.9 jc  
**AK** Petersburg KFSK \*100.9 jc

**CA** Los Angeles KPFK \*90.7 mainly cj  
**CA** Northridge KCSN \*88.5 cr  
**CO** Boulder KGNU \*88.5 jc  
**CO** Pueblo KYNR 99.9 m (from k); \$

**CT** Talluride KOTO \*91.7 jc  
**CT** Hartford WJMJ \*88.9 mg, mono  
**CT** Middletown WPBH \*90.6; stereo?

**FL** Tampa WMNF \*88.5 jr  
**IL** Chicago WKDX 101.1 m (from rp)  
**IL** Dundee WVVF 103.9 m

**IL** Glenview WMLA \*88.9 ON AIR, pr  
**IL** Normal WGLT \*89.1 jc  
**IL** Springfield WSSR \*91.9 c (from rc)

**IN** Gary WGVF \*88.7 rs  
**IN** Greensburg WGRG \*91.5 m  
**IN** Indianapolis WRDZ \*90.9 r

**IA** Fort Dodge KICB \*88.1 r  
**IA** Grinnell KDIC \*88.5 jr  
**KS** Garden City KANZ \*91.1 jc

**KS** Kansas City KUDE 98.1 no network (was Y)  
**KY** Bardstovm WOKH 96.7 (not yet on air) to be m

**ME** Westbrook WLDB-FM 100.9 pr, "FM-101" strict nonID

**MA** Boston WYBF-FM 106.7 rp, Z-107, no SCA  
**MA** West Yarmouth WSOX 94.9 m (from m)  
**MI** Detroit WDRQ 93.1 rs

**MI** Marquette WMMU \*90.1 cj  
**MN** International Falls KICF \*91.5 cr  
**MN** Moorhead KVOX-FM 99.9 k (from rp), now imaginatively calling selves K-100, instead of X-100!

**MN** Morris KUMM \*89.7 rp  
**MN** Koolha KOPN \*89.5 m  
**MO** Kansas City KBEE 104.3 Y

**NY** Buffalo WNEO-FM \*94.5 cj  
**OH** Cincinnati WAIF \*88.3 jr  
WVU \*91.7 pc

**OR** Eugene KLCF \*89.7 jc (not cs)  
**SD** Brookings KESD \*88.3 cp  
**SD** Spearfish KBHU \*89.1 rp

**TN** Memphis WEVL \*90.3 jr  
WMC-FM 99.7 Y  
**WA** Auburn KGRG \*89.9 rp

**WA** Olympia KADS \*89.3 pj  
**WV** Parkersburg WIBZ 99.3 rp  
**WI** Antigo 104.9 WRLD (to move to 105.3) r

**WI** (from m), SLS  
**WI** Eau Claire WUEE \*89.7 rc  
**NB** Truro CKCL-FM 100.9 m  
**CALL LETTERS**

**AR** Eureka Springs \*90.9 KESP  
**CO** Denver 95.7 KHOF-FM (was KXXX, and this must be the end of the 97-KX nonID, m (was pr)

**CO** Pueblo 97.9 KCCY (KCSJ-FM)  
**FL** Leesburg 196.7 WHLY (changed back from WYLY)  
**FL** Punta Gorda 92.7 WQLM-FM (WCCF-FM)

**IL** Houston 100.9 WHPO  
**LA** Lake Providence 92.7 KLPL-FM (KBED)  
**ME** Brewer 100.9 WGUY-FM, affiliate of WGUY (AM) in nearby Bangor ME.

**MA** Southbridge 100.1 WQVR (WESO-FM)  
**NV** Reno 105.7 KOZZ (KGLR)  
**NJ** Hazlet \*89.3 WVRM

**NM** Albuquerque 100.3 KJJY-FM (KPAR-FM)  
**OK** Ponca City 100.9 KPNC  
**SC** Cheraw 103.1 WPDZ

**TN** Jackson 103.1 WJHR  
**TX** Portland 105.5 KITE (KWVI)  
**VT** Braintree 96.7 WMMJ (WUSA-FM)  
**VA** Harrisonburg 104.3 WGKB  
**BC** Kelowna 104.7 CHIM (CJOV)  
**NB** Fredericton-Saint John 102.3 CBAF-14-FM (CBZF). This column will pay \$1 US to any person hearing this station give its full legal call letters and the name of the cities of license, but you must submit a tape (which will be returned) as proof!

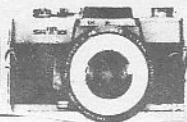
**ABBREVIATIONS USED**  
c classical, e ethnic, g gospel, j jazz, k country, m middle of the road or easy-listening music, rp or jr is so-called album oriented rock (a term which seems to be fading in usage—deservedly so, I think), r is rock oldies, rock hits, rock sounds that never "made it" and easy rock (whatever happened to "chicken rock"?). Networks: A ABC-FM, C CBS, E ABC Entertainment, I ABC Information, M is Mutual, N NBC, P National Public Radio, \$ is Associated Press Audio, U United Press Audio, Y is ABC Contemporary.

Of course, \$ is stereo, † is the new SCA symbol, h is horizontal effective radiated power expressed in watts and without eiphers (commas) to separate thousands, v is vertical (or circular) effective radiated powers, similarly expressed. Heights are above average terrain and expressed in feet. Frequencies like 106.5 are megaHertz, and FM stands for Frequency Modulation, while SCA stands for "Subsidiary Communications Authorization."

### READERS' COMMENTS, REPORTS

We hear the illegal Minneapolis FM station, reported on last month, is permanently off.  
**WDCC** 99.5 Buffalo back on with temporary equipment. WGRQ 98.9 got on with tapes delivered to transmitter by 4-wheel-drive vehicle. Check this out: WREO 97.1 Asheville OH said to have a translator on a high-rise apartment near I-271 and U.S. 322 in eastern Cuyahoga county.  
**KRJB** 97.7 Monte Rio CA on air @ 6 am to 11 pm, but will expand this schedule soon, with "automation assist." Station is partly commercial, with much of the best of noncommercial radio presented.

**WZMF** 98.3 Menomonee Falls WI is being sold, and expects to change calls to WXJY. They'll drop progressive rock and carry some type of "adult music," probably m or mr. Robert Steadman had me install SCA on a table Zenith radio of his, and he also has an FM SuperSnooper, which "is working fine, a lot better than the one you installed on the Zenith table radio. Teamed with my RF-2200 Panasonic I think there will be some excellent SCA DXing this summer." The Zenith is fine for local listening, but DXing is just out of the question.  
I spotted an error in the FM signal curves in an article in the NRB's Religious Broadcaster, and the author wrote and thanked for bringing this to his attention; they were using old data  
**WDJX** 103.9 Xenia OH replaces the old WHBM, which ceased broadcasting over a year ago.  
**KUH** Houston's SCA on 6 pm to 10 pm.  
Fred McCormack is hearing the CBC-French station at Brandon MB, giving only CKSB (AM) calls. He lists at 97.5, but my data show 99.5.  
Al Ellis reports WBOE \*90.3 Cleveland on only with unmodulated carrier, but more recently heard with programming, 1:30 pm a Wednesday.  
Contributors' names to be run next month!



Jim Alexander  
4 Brook Court  
Parsippany, NJ 07054

April, 1979



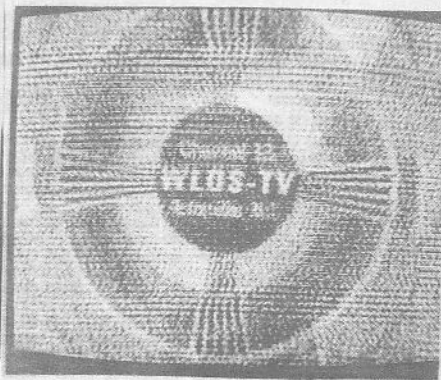
WDRB-41 Louisville, KY  
310 mile tropo (Gaines)



KTVO- 3 Kirksville, MO  
1,039 mile E-skip (Combs)



KXJB- 4 Valley City, ND  
E-skip (Barber)



WLOS-13 Asheville, NC  
470 mile tropo (Gaines)



WJBK- 2 Detroit, MI  
E-skip (Simon)

### Contributors:

Paul Gaines,  
Detroit MI

John Combs,  
Orlando FL

John Barber,  
Carolina, RI

Ken Simon,  
(photo taken at West Palm Beach FL)

73 and good DX,

*Jim*

# Southern F.M.DX

Danny Buntin, editor  
1020 S. Duncan  
Stillwater, OK 74074

DEADLINE: the 9th

DX LEVELS WELL DOWN AS EXPECTABLE FOR TIME OF YEAR

Rick Samford, 404 S. McNeill, Burnet, TX 78611 - 2/7 to 3/6/79 CST

Equipment: Kenwood KR-5400, 10-el. Archer FM at 24 ft. w/rotor.

All tr except 2/20 WQXI 94.1=MS

|   |     |  |     |
|---|-----|--|-----|
| <u>2/13</u>                                   |     | <u>2/15</u>                                  |     |
| 1654 KOFM 104.1 OK Oklahoma City, ID          | 325 | 0027 WFMF 102.5 LA Baton Rouge, ID           | 435 |
| <u>2/14</u>                                   |     | 0030 WAFB 98.1 LA Baton Rouge, ID            |     |
| 0846 KTLS 98.9 OK OKC, "Mellow-99", ID        |     | 0127 KQFO 98.5 OK Tulsa, ID                  | 390 |
| 0849 KOFM 104.1 OK OKC, ID, nx: "1st in Fact" |     | PTL Nightwatch                               |     |
| 0901 KVGB 104.3 KS Great Bend, ID             | 520 | 0147 WYNK 101.5 LA Baton Rouge, ID           |     |
| wx, nx (1cs, not NBC)                         |     | 0200 WXEL 105.3 LA Slidell, ID               | 520 |
| 0903 KEBC 94.7 OK OKC, nx                     |     | 0851 WFMF 102.5 LA Baton Rouge               |     |
| 0911 KGLI 95.3 OK Clinton, ID                 | 325 | 0854 KNTU 88.5 TX Denton, ID                 | 180 |
| 0915 KWGE 106.9 OK Clinton, ID                | 325 | 0900 KRRO 92.1 OK Ardmore, ID                | 240 |
| , null of 2 mi. distant 107.1                 |     | rk, "Magic-92"                               |     |
| 0926 KGSU 91.7 OK Stillwater, ID              | 370 | 0910 WJMI 99.7 MS Jackson,                   |     |
| cl nx: "The Morning Concert"                  |     | "Jackson's 100"                              |     |
| 0927 KWGS 89.5 OK Tulsa,                      | 390 | 0915 WRPM 107.9 MS Poplarville, ID           | 530 |
| mentioned Theatre Tulsa; before KMFA s/on     |     | 0915 WLIN 95.5 MA Jackson, ID                | 500 |
| 0930 KQFO 98.5 OK Tulsa, "\$ Love-98," ID     |     | 0922 WZZQ 102.9 MS Jackson, "ZZQ"            |     |
| 0940 KFNB 101.9 OK OKC, nx, wx, ID            |     | 0925 WKTV 106.7 MS Vicksburg, ad             | 460 |
| 0944 KATT 100.5 OK OKC, "The Cat"             |     | 1249 WFMF 102.5 LA Baton Rouge, ID           |     |
| 1000 KXGV 90.5 MO Maryville, ID               | 685 | 1250 WJMI 99.7 MS Jackson, promo             |     |
| last ID heard (at 1200 at the end of "Alive   |     | 1300 WCKW 92.3 LA Laplace, ID                | 480 |
| and Living") almost as good as that at 1000,  |     | 1303 WAFB 98.1 LA Baton Rouge, "\$-98", ID   |     |
| nearly registering \$ both times.             |     | <u>2/20</u>                                  |     |
| 1010 KZUE 102.7 OK OKC, ad, "Z-103"           |     | 2227 KLPQ 94.1 AR Little Rock                | 445 |
| Isn't this one now a strict nonIDer? (No,     |     | ad, "KQ-94"; ex-KEZQ                         |     |
| they ID on the top of the hour. DB)           |     | 2237 KLAZ 98.5 AR Little Rock, "Z-98" ads    |     |
| 1020 KRRO 92.1 Ardmore, ID                    | 240 | 2300 WQXI 94.1 GA Smyrna, "Smyrna"           |     |
| 2224 WZZQ 102.9 MS Jackson, "ZZQ"             | 500 | 1 sec. MS                                    |     |
| 2229 WLIN 95.5 MS Jackson, ID                 |     | burst while waiting to tape                  |     |
| 2231 WKTV 106.7 MS Vicksburg                  | 460 | KLPQ ID.                                     |     |
| 2237 WJMI 99.7 MS Jackson, promo              |     | 2329 KASU 91.9 AR Jonesboro, ID              | 560 |
| 2241 KEBC 94.7 OK OKC, ad, nx promo           |     | <u>2/21</u>                                  |     |
| 2259 KOSU 91.7 OK Stillwater, ID              |     | 0008 KXIA 95.7 AR Little Rock, ID, s/off     |     |
| 2309 KOFM 104.1 OK OKC, ID                    |     | 0028 KLAZ off for xmtr maint.; I hope Vernon |     |
| 2311 KTLS 98.9 OK OKC, ID                     |     | was around to try for his missing 98.3.      |     |
| 2331 KBEZ 92.9 OK Tulsa, wx, ID,              |     | 1333 KEBC 94.7 OK Oklahoma City, ID          | 325 |
| "FM-93"                                       |     | 1338 KOFM 104.1 OK OKC, ID                   |     |
| 2334 KWEN 95.5 OK Tulsa, "Queen-95"           |     | 1401 KOSU 91.7 OK Stillwater, ID             | 370 |
| 2342 KATT 100.5 OK OKC, "The Cat"             |     | 1420 KQFO 98.5 OK Tulsa, ID                  | 390 |
| 2355 KFNB 101.9 OK OKC, ID, "102-FM"          |     | 1428 KTFN 93.3 OK Ada, ID, o/KIXS            | 285 |
| 2357 KRAV 96.5 OK Tulsa                       |     | <u>2/22</u>                                  |     |
| 2359 KLLS 94.3 OK Okmulgee, ID                | 355 | 0952 KYKK 94.1 NM Humble City, ad            | 325 |
| rk, "Magic-94"                                |     | 1012 KOFM 104.1 OK Oklahoma City, ID         | 325 |
|   |     | 1034 KEBC 94.7 OK OKC, wx, ID                |     |

Our wx improved drastically during February, but not before I was shut out of 400+ mi. trop for 55 straight days. The 80+ degree wx over much of Texas in mid-Feb. aided the trop, with the obvious highlight here being the nw MO logging.

Steve West, 905 SW 6th Ave, Gainesville, FL 32601

Equipment: Heathkit AR-15, conical antenna at 25'

|                                    |  |   |  |
|------------------------------------|--|---|--|
| <u>1/20</u> (tr)                   |  | <u>1/24</u> (Es, cont.)                 |  |
| 2200 Miami FM's                    |  | WIVA 100.3 PR Aguadilla                 |  |
| <u>1/24</u> (Es)                   |  | WKSA 101.5 PR Isabela, SPN nx           |  |
| 1630 WORD 92.5 PR Corozal, MOR/SPN |  | WTPR 104.1 PR Utuado, SPN               |  |
| WTFM 92.9 PR Aguadilla             |  | unID 91.1                               |  |
| WOYE 94.1 PR Mayaguez              |  | WRFC 95.1 PR San German, SPN, ann. with |  |
| WABL 96.1 PR Mayaguez, SPN/NEWS    |  | English rock Top 40                     |  |

1/26 Tr 0800 Miami FM's

REPORT YOUR DX TO THIS COLUMN IF YOU ARE FROM: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. ALSO MEXICO.

# NORTHERN FM-DX

Ralph Strobel  
2510 E. McGalliard Rd.  
Muncie, IN 47303  
(317) 288-5815

Deadline: the 10th

April 1979

For FM DXers in Canada, the Northwest-Central states of WA OR ID WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line. Send in your DX report for publication.

Paul D. Traska 64 Weaver Ave. Buffalo, NY 14206

|   |  |
|---|--|
| 8/21 Tr 1330 <u>KWMO</u> 90.7 MO St. Louis    | 8/24 Tr 1230 <u>WBMI</u> 90.1 IL Chicago     |
| 8/22 Tr 1645 <u>WIAN</u> 90.1 IN Indianapolis | 1231 <u>WDPS</u> 90.1 OH Dayton 10w          |
| 1700 <u>WVJC</u> 89.1 IL Mt. Carmel           | 8/25 Tr 1600 <u>WBMI</u> 90.1 IL Chicago     |
| 1706 <u>WFPK</u> 91.9 KY Louisville           | 8/29 GW 1224 <u>WMSH</u> 89.9 NY Lincas.10w  |
| 8/23 Tr 1300 <u>WVJC</u> 89.1 IL Mt. Carmel   | 8/30 Tr 1423 <u>WTLR</u> 89.9 PA St. College |
| 1300 <u>WEMU</u> 89.1 MI Ypsilanti            | 10/19 ES 0030 <u>KERA</u> 90.1 TX Dallas     |
| 1334 <u>WSSR</u> 91.9 IL Springfield          | 0059 <u>KOKX</u> 101.5 TX Brownwood          |

New stations to log are underscored.

Log total: 213 (Paul - I question your logging of WDPS Dayton. WDPS is at 88.7, not 90.1. WDPS is on the air during the school year only. -rs)

Paul Mount 35 1/2 W. Columbus St. Nelsonville, OH 45764 (EST)

|  |  |
|--|--|
| 11/9 Tr 1030 <u>WDBN</u> 94.9 OH Medina promo, m | 11/10 Tr 0903 <u>WDBN</u> 94.9 OH Medina m   |
| 1040 <u>WQPI</u> 98.7 WV Wheeling rp             | 0910 <u>CKLW</u> 93.9 ON Windsor k           |
| 1043 <u>WQAL</u> 104.1 OH Cleveland m            | spot for Centerline Datsun                   |
| 1130 <u>WTOF</u> 98.1 OH Akron-Canton g          | 0921 <u>W-E-94.5</u> "FM-94" r               |
| 1450 <u>WSRW</u> 106.7 OH Hillsboro km           | 0925 <u>WMHE</u> 92.5 OH Toledo rp           |
| 1500 <u>WKRW</u> 106.5 WV Clarksburg k           | 0929 <u>WJAI</u> 92.9 OH Eaton               |
| 1511 <u>WTRF</u> 107.5 WV Wheeling m             | 0935 <u>WBCQ</u> 92.7 OH Bucyrus "Q-92" m    |
| Receptions at Hocking Technical College          | 0940 <u>WZAK</u> 93.1 OH Cleveland e         |
| "The Giant Antenna"                              | 0945 <u>WGSB</u> 101.1 KY Hazard local spots |

11/9 reception on pocket size Juliette AM-FM by window at HTC, a mile SE of me. WDBN and WTOF especially surprising getting between WNCI (97.9) at 52 miles and WLGN (98.3) at 12 miles on this little radio. 11/10 on the local TV (cable) stn, was announcement: "The problems on several of the TV channels is due to extreme atmospheric conditions," with "extreme" flashing. Wx was foggy and overcast 33 degrees. Rx here Sanyo AM-FM Stereo Cassette. Thanks to Dave Grim for help on some stns. Home QTH is right downtown in SE Ohio. 73, Paul (Paul - your unid is WPEZ Pittsburgh 94.5. "FM-94" -rs)

Mike Bugaj 69 Sherman Road Enfield, CT 06082

Equipment: Sony ST-5130 w/Finco FM-5 @ 35 feet w/rotor

|   |   |
|---|---|
| 9/14 Tr 1906 <u>WSFL</u> 106.5 NC Bridgeton r                         | 10/30 Tr 2138 <u>WGMR</u> 101.1 PA Tyrone           |
| 1934 <u>WKTK</u> 105.7 MD Cantonville r                               | 2215 <u>WFBG</u> 98.1 PA Altoona                    |
| 1937 <u>WDJQ</u> 104.3 MD Baltimore nx sports                         | 2250 <u>WFRB</u> 105.3 MD Frostburg                 |
| 2205 <u>WNCT</u> 107.7 NC Greenville "FM-108"                         | 2300 <u>WHAJ</u> 104.5 WV Bluefield "S-104"         |
| 9/15 Tr 0645 <u>WSFL</u> 106.5 NC Bridgeton almost                    | 12/22 GW 1600 <u>WCCB</u> 89.5 MA Holyoke \$        |
| pegging - Norfolk strong  | 1/1 Tr 1730 <u>WHUE</u> 100.7 MA Boston call change |
| 0645 <u>WIPN</u> 93.3 NC Washington ID & wx                           | 1/4 Au 1930- <u>WNUZ</u> 103.5 MI Detroit           |
| 9/19 Tr Montreal <u>CIEL</u> 98.5, <u>CHOM</u> 97.7, <u>CBM</u>       | 2000 <u>WFBG</u> 98.7 MI Detroit                    |
| 93.5 very strong with others in area                                  | 1/7 GW 1325 <u>WTBR</u> 89.5 MA Pittsfield          |
| 9/23 Tr strong tr to west - <u>WLUZ</u> , <u>WMTY</u> , <u>CFCA</u> , | 1400 <u>WVPR</u> 89.5 VT Windsor \$ EPRN            |
| <u>WHLD</u> , <u>WFRM</u> , <u>WVBT</u> , <u>WGMR</u> and others.     | 1900 <u>WQTQ</u> 89.9 CT Hartford                   |
| 2210 <u>C---</u> 97.5 ON London All nx Radio                          | freq. shift   |
| 9/24 Tr 0004 <u>CBCL</u> 93.5 ON London CBC in London                 |   |

10/25 0800 KLAZ 98.5 AR Little Rock - my only station heard by ES, Tr, and MS. On 8/21 I wrote down a logging for WCCB 103.7 which was wrong. After re-playing the tapes I found I had KVVK 103.7 Little Rock, which along with my catch of KLAZ 98.5 on the same evening, are my two most distant tropo catches at around 1150 mi. Needless to say, there are a few of us who will not forget 8/21/78. Log Total: 919

Scott Spalding 1360 Apple Way Ashland, OR 97520 (LPT)

Equipment: Karantz Model 2220-B receiver using a "2" aluminum dipole "S"-shaped FM antenna

|           |    |      |      |       |    |                  |                              |      |
|-----------|----|------|------|-------|----|------------------|------------------------------|------|
| 5/5       | Tr | 2000 | KFXD | 94.9  | ID | Boise            | "XDFM-95" r top 40           | 340  |
| 5/7       | ES | 2000 | KJYK | 91.9  | AZ | Tucson           | "K-Joy" m\$                  | 960  |
| 6/4       | ES | 0910 | KNGI | 96.5  | NE | Grand Island     | k\$                          | 1200 |
| 6/14      | ES | 1011 | KULL | 94.5  | KS | Scott City       | ads, farm, PSAs              | 875  |
|           |    | 1030 | KBLJ | 92.1  | CO | La Junta         | k\$                          | 1035 |
| 6/19      | ES | 1010 | KEYN | 103.7 | KS | Wichita          | r top 40                     | 1375 |
|           |    | 1030 | KBRA | 97.9  | KS | Wichita          | m\$ "K-Bra"                  | 1375 |
|           |    | 1100 | KUPK | 97.3  | KS | Garden City      | k                            | 1180 |
|           |    | 1118 | KCSJ | 97.9  | CO | Pueblo           | m\$                          | 990  |
|           |    | 1119 | KBMF | 98.3  | TX | Spearman-Gruver  | m                            | 1200 |
|           |    | 1120 | KZLO | 100.7 | CO | Pueblo           | m\$                          | 990  |
|           |    | 1130 | KSPZ | 92.9  | CO | Colorado Springs | "Z-93"                       | 985  |
|           |    | 1340 | KFKZ | 96.1  | CO | Greeley          | Excellent g\$ stat.          | 935  |
|           |    | 1341 | KUAD | 99.1  | CO | Windsor          | r\$ top 40                   | 930  |
|           |    | 1343 | KGRE | 92.3  | CO | Greeley          | m\$                          | 935  |
| 6/20      | ES | 0946 | KBMF | 98.3  | TX | Spearman-Gruver  |                              | 1200 |
|           |    | 1010 | KATX | 97.3  | TX | Plainview        | ads, farm nx                 | 1260 |
|           |    | 1100 | KUBC | 94.1  | CO | Montrose         | m\$                          | 810  |
|           |    | 1116 | KLEA | 101.7 | NM | Lovington        | mellow r                     | 1225 |
|           |    | 1148 | KRWV | 92.9  | NM | Farmington       | ads                          | 850  |
|           |    | 1151 | KAFE | 97.3  | NM | Sante Fe         | "FM-97"                      | 1005 |
| 6/21      | ES | 2219 | KPOE | 94.1  | NM | Humble City      | "K-94" r\$                   | 1235 |
|           | Tr | 2231 | KBOI | 97.9  | ID | Boise            | m\$                          | 335  |
| 6/24      | ES | 1158 | KGRE | 92.3  | CO | Greeley          |                              | 935  |
|           |    | 1201 | KUAD | 99.1  | CO | Windsor          |                              | 930  |
|           |    | 1206 | KTCL | 93.3  | CO | Fort Collins     | p\$                          | 905  |
|           |    | 1214 | KXXX | 95.7  | CO | Denver           | "KX-FM"                      | 945  |
| 7/1       | ES | 0910 | KLIR | 100.3 | CO | Denver           | m\$                          | 945  |
|           |    | 0913 | KIOZ | 102.9 | WY | Laramie          | "K-102" r\$                  | 880  |
|           |    | 0923 | KBRU | 101.7 | CO | Fort Morgan      | m\$                          | 980  |
|           |    | 0924 | KQSW | 96.5  | WY | Rock Springs     | k\$                          | 690  |
|           |    | 0942 | KUAD | 99.1  | CO | Windsor          |                              | 930  |
|           |    | 2033 | XHIS | 90.3  | MX | Tijuana, BC      | "Estereo Novenda" jingles \$ | 750  |
| Total: 74 |    | 2036 | KSON | 97.3  | CA | San Diego        | k\$                          | 725  |

Does anyone have the address for XHIS-90.3 so I can write and ask for QSL?

John Ebeling 9209 Vincent Ave, So, Bloomington, MN 55431

I used my automated tape record unit during the meteor shower of December 10-14 and came up with a few relogs. Had many good strong bursts but no ID material on most of them. All logged in Bloomington, MN.

|       |      |      |    |             |  |  |  |       |      |
|-------|------|------|----|-------------|--|--|--|-------|------|
| 12/13 | MS   |      |    |             |  |  |  | 12/17 | ES   |
| 0530* | WKRT | 93.1 | IL | Chicago     |  |  |  | 1915  | WFLA |
| 12/14 | MS   |      |    |             |  |  |  | 1929  | WMCU |
| 0445* | KCKN | 94.1 | KS | Kansas City |  |  |  | 1930  | WPCH |
| 0545* | WOXI | 94.1 | GA | Atlanta     |  |  |  |       |      |

Yes, ES does come to the frozen north, usually a short opening in late Dec. It seemed to be a little earlier this year. Other than the above, it has been dead. I latched on to the ES by noticing GCI on local TV Ch. 2. \*Times are approx. due to automation, but within ± 2 minutes.

Neil G. Zank 623 Lyncrest Dr. Lincoln, NE 68510

Equipment: Pioneer SX-750 Receiver, Archer 10 element FM Yagi, CD Rotor & 40 ft. Rohn Tower.

|      |            |      |    |                |    |  |  |       |      |
|------|------------|------|----|----------------|----|--|--|-------|------|
| 1/22 | (GST used) |      |    |                |    |  |  | 12/14 |      |
| 2230 | KDAY       | 96.1 | IA | Clinton-Fulton | IL |  |  | 2200  | KLRF |
| 1/28 |            |      |    |                |    |  |  | 2215  | KTEN |
| 1530 | KAIT       | 96.9 | IA | Clarion        |    |  |  | 2230  | KCLT |

Steve West #32 Lenmore Road Wavertown, PA

|      |      |      |    |             |      |  |  |      |      |
|------|------|------|----|-------------|------|--|--|------|------|
| 6/30 | ES   |      |    |             |      |  |  | 1350 | KBID |
| 1318 | WJWV | 92.3 | LA | Laplace     | 080  |  |  | 1810 | WJAI |
| 1322 | KFJZ | 97.1 | TX | Pt. North   | 1150 |  |  | 1815 | WFBZ |
| 1330 | WJDB | 95.3 | AL | Thomasville | 800  |  |  | 7/20 | Tr   |
| 1332 | WEZB | 97.1 | LA | New Orleans | 980  |  |  | 0645 | WWSV |
| 1340 | WYLD | 98.5 | LA | New Orleans | 980  |  |  |      |      |

|       |      |      |    |                             |     |      |      |       |    |               |     |
|-------|------|------|----|-----------------------------|-----|------|------|-------|----|---------------|-----|
| 0700  | WKNC | 88.1 | NC | Raleigh                     | 310 | 0032 | WQXQ | 101.9 | FL | Daytona Beach | 240 |
| 0700  | WMPR | 88.1 | SC | Sumter                      | 450 | 0045 | WKTZ | 96.1  | FL | Jacksonville  | 320 |
|       |      |      |    | From Coral Gables, Florida: |     | 0045 | WIVY | 102.9 | FL | Jacksonville  | 320 |
| 10/27 | Tr   |      |    | (column to right)           |     | 0100 | WZAT | 102.1 | GA | Savannah      | 430 |

I can't find my logs for 1/4 through 6/30. As I recall, there was nothing unusual logged in that time period, except for an unidentified station on 95.0 playing semi-classical music in mono, which came in twice while getting South Florida on skip. I suspect it was a Cuban station. It seemed strong and was SS. While attending the University of Miami, there was only one good FM opening which I reported above. I am transferring to the Univ. of FL in Gainesville. I missed the great August tropo due to not being in Havertown at the time. Guess I'll have to wait 20 years for the next one, if predictions are correct. By the way, I celebrated my 21st birthday, which also only happens once in 20 years.

Rich Turcsany 7 Cayer Circle Shelton, CT 06484

Equipment: GE CB Monitor 40 receiver, ElectroPhonic stereo receiver, GE Stereo-Phono w/ant. at 25 ft., Elyng's Super-Snooper for SCA.

|       |                       |       |    |                                      |  |       |                          |        |    |                               |  |
|-------|-----------------------|-------|----|--------------------------------------|--|-------|--------------------------|--------|----|-------------------------------|--|
| 6/11  | ES                    | (EDT) |    |                                      |  | 10/21 | Tr                       |        |    |                               |  |
| 1100  | KCBW                  | 92.1  | MO | Sedalia pr, ad for                   |  | 2100  | New London/Westerly area | relogs |    |                               |  |
|       |                       |       |    | "Rock Returns to Sedalia"            |  | 10/30 | Tr                       |        |    |                               |  |
| 6/20  | ES                    |       |    |                                      |  | 2230  | Philly relogs            |        |    |                               |  |
| 2115  | WBGY                  | 93.3  | TN | Tullahoma ads, r                     |  | 2230  | WFMZ                     | 100.7  | PA | Allentown c o/WHUD            |  |
|       |                       |       |    | "Boogie-93"                          |  | 2230  | WLEW                     | 96.1   | PA | Easton                        |  |
| 2136  | WOHQ                  | 98.1  | AL | Andalusia                            |  | 2230  | WKKW                     | 104.1  | PA | Allentown k                   |  |
|       |                       |       |    | UNIDS to 107 mhz, Cards or Braves bb |  | 2240  | WADB                     | 95.9   | NJ | Pt. Pleasant BM, tent, w/WLYQ |  |
| 6/24  | ES                    |       |    |                                      |  | 11/4  | Tr                       |        |    |                               |  |
| 1100  | Miami/West Palm Beach |       |    | FMers                                |  | 0800  | Philly relogs            |        |    |                               |  |
| 6/30  | ES                    |       |    |                                      |  | 0820  | WOLC                     | 102.5  | MD | Princess Anne                 |  |
| 1330  | WQUE                  | 93.3  | LA | New Orleans r                        |  | 1143  | WGCB                     | 96.1   | PA | Red Lion g                    |  |
| 1330  | WYLD                  | 98.5  | LA | New Orleans j                        |  | 1145  | WRDR                     | 104.9  | NJ | Egg Harbor City r             |  |
| 1715  | KUDL                  | 98.1  | KS | Kansas City pr                       |  | 1151  | WPJB                     | 105.1  | RI | Providence r                  |  |
| 1745  | KLAZ                  | 98.5  | AR | Little Rock r "Z-98"                 |  | 1154  | WREY                     | 102.5  | PA | Reading ads                   |  |
| 1755  | KHLS                  | 96.1  | AR | Blytheville k                        |  | 1210  | WFLN                     | 95.7   | PA | Philadelphia c                |  |
| 1810  | WKYC                  | 93.3  | KY | Paducah k                            |  | 2220  | WKTK                     | 105.7  | MD | Catonsville r                 |  |
| 1810  | WPAD                  | 96.9  | KY | Paducah r "Rock-97"                  |  | 2220  | WVBF                     | 105.7  | MA | Framingham r                  |  |
| 7/11  | ES                    |       |    |                                      |  | 11/11 | Tr                       |        |    |                               |  |
| 2140  | WIZM                  | 93.3  | WI | La Crosse r "Z-93"                   |  | 1950  | Atlantic City            | relogs |    |                               |  |
| 2145  | KKEZ                  | 94.5  | IA | Ft. Dodge BM, ads                    |  | 2050  | WDSD                     | 94.7   | DE | Dover k                       |  |
| 2150  | KMGK                  | 93.3  | IA | Des Moines r ID                      |  | 2100  | WNTI                     | 91.9   | NJ | Hackettstown M nx             |  |
| 2200  | KGGQ                  | 94.9  | IA | Des Moines r ID                      |  | 11/12 | Tr                       |        |    |                               |  |
| 7/21  | Tr                    |       |    |                                      |  | 0936  | WLEW                     | 96.1   | PA | Easton                        |  |
| 0830  | WRQX                  | 107.3 | DC | Washington pr                        |  | 0940  | WFMU                     | 91.1   | NJ | E. Orange folk                |  |
| 0835  | WPGC                  | 95.5  | MD | Morningside r                        |  | 0959  | WSOU                     | 89.5   | NJ | S. Orange                     |  |
| 0835  | WASH                  | 97.1  | DC | Washington mr                        |  |       |                          |        |    | "The Sound Alternative"       |  |
| 0839  | WAVA                  | 105.1 | VA | Arlington soft r                     |  | 11/12 | GW                       |        |    |                               |  |
| 10/18 | ES                    |       |    |                                      |  | 1006  | WVOF                     | 88.5   | CT | Fairfield                     |  |
| 2223  | WAQT                  | 94.1  | AL | Carrollton "FM-94"                   |  |       |                          |        |    | black g, 10w                  |  |
| 2223  | WBTR                  | 92.1  | GA | Carrollton "FM-92"                   |  |       |                          |        |    |                               |  |

Even though I've listened to FM for over 10 years, I'm new to FM DXing and want to submit my first report to the column. Not as much skip as I expected this summer, but made loggings of skip on 6/11, 6/20, 6/24, 6/30, 7/11 and 10/18. Tropo and skip don't always get through on the ed. band and 99.3-100.5 mhz due to the fact that three stations (WPKN, WSHU, WEZN) on Booth Hill, only 1 1/2 miles west of me, cause harmonics. No sign yet of local WLVN 90.1, but transmits through local cable company channel. WLNG-FM 92.1 Sag Harbor now heard good here with personalities, gong, PAMS jingles (sounds more like the old WABG), PSAs, local commercials, remotes, all requests, but no stereo. The reason? General manager wants the old AM sound, and feels that there's a need for personality radio in the area. The AM sound is duplicated 100%. My total so far (including locals) is 177, from 20 states. 73's Rich

Ralph Strobel 2510 E. McGalliard Rd. Muncie, IN 47303

Equipment: Heath AJ-1510, Winegard antenna w/rotor at 60 feet

|       |      |       |    |   |  |      |      |       |    |                    |  |
|-------|------|-------|----|---|--|------|------|-------|----|--------------------|--|
| 12/5  | Tr   |       |    |   |  | 12/5 | Tr   |       |    |                    |  |
| 0100  | WZZX | 101.7 | KY | Jeffersontown-Louisville r\$ "101-ZZZ"  |  | 0100 | WPAG | 107.1 | MI | Ann Arbor I nx     |  |
| 12/16 | Tr   |       |    |   |  | 3/7  | Tr   |       |    |                    |  |
| 0900  | CBE  | 89.9  | ON | Windsor c\$   |  | 0040 | WLST | 95.1  | WI | Marinette WPTH off |  |
|       |      |       |    | WLST gave WMAM ID, their AM station. DX has been poor here this winter.       |  |      |      |       |    |                    |  |
|       |      |       |    | Please send your DX so we can have a column each month. Total: 748 73's Ralph |  |      |      |       |    |                    |  |

# EASTERN TV-DX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

April 1979

Deadline: 5th

The long winter is finally over, and tropo conditions have been improving. As usual, February tropo conditions were generally very poor—but early March showed a definite upswing.

Chances for TV DX via F2 skip will drop during the next few months, but hopefully the coming E-skip season will keep TV DXers busy enough! There is a good possibility that early season Es will link up with transequatorial scatter (TE) openings for DXers in southern regions. If this happens, expect to see some astounding DX results reported in the near future.

Peter Baskind 603 Enger Drive Pascagoula, Mississippi 39567 (GST)

| December   |            | 20 Tr 0415 |      | WPLG-10 FL |               | 30 Es 1715 |            | KDUH-4 NE |                |
|------------|------------|------------|------|------------|---------------|------------|------------|-----------|----------------|
| 2 Tr 0755  | WPTY-24 TN |            |      |            | Miami         |            |            |           | Hay Springs    |
|            | Memphis    |            | 0437 |            | WTLV-12 FL    |            | January    |           |                |
| 0858       | WKNO-10 TN |            |      |            | Jacksonville  |            | 25 Es 1600 |           | CHFD-4 ON      |
|            | Memphis    |            | 0440 |            | WESH-2 FL     |            |            |           | Thunder Bay    |
| 17 Es 1300 | WKYC-3 OH  |            |      |            | Daytona Beach |            | 26         | 1730      | YSU-4 E.S.     |
|            | Cleveland  |            | 0500 |            | WDBO-6 FL     |            |            |           | San Salvador   |
| 1800       | WPSX-3 PA  |            |      |            | Orlando       |            | 1800       |           | EGY-3 GUAT     |
|            | Clearfield |            | 0510 |            | WKCT-7 FL     |            |            |           | Guatemala City |
| 19         | 1600       |            |      |            | Miami         |            | 27         | 1900      | KOAT-2 AZ      |
|            | WBBM-2 IL  |            | 25   | 0930       | WHIO-25 AL    |            |            |           | Flagstaff      |
|            | Chicago    |            |      |            | Huntsville    |            | 2000       |           | XEPM-2 Ghin    |
| Tr 2215    | WFTV-9 FL  |            |      |            |               |            |            |           | Ciudad Juarez  |
|            | Orlando    |            |      |            |               |            |            |           |                |

"December and January brought in some nice skip...boy, it has been a while! There was also a nice opening into southern Florida Dec. 19 & 20. The January 26 E-skip opening brought in YSU-4 in El Salvador. I have a beautiful tape of it in what sounds like a sign on...in the late afternoon. It was complete with national anthem. But why would a station come on so late? So far, February has brought in no stations over 500 miles, reloggings or otherwise. Present log total--192; states--32."

Wayne M. Thompson Route 2, Box 156 Silver Springs, Florida 32688 (WST)

| February  |          | 12 Tr 0545 |     | WSAV-3 GA |            | 15 Tr 2232 |     | WRJA-27 SC 355 |                |
|-----------|----------|------------|-----|-----------|------------|------------|-----|----------------|----------------|
| 5 MS 0550 | KYW-3 PA | 865        | 15  | 0551      | WGWB-41 GA | 280        |     | 2303           | WDGO-15 GA 250 |
| 7         | 0545     | WGBS-2 NY  | 950 |           | 2202       | WJCL-22 GA | 225 | 27 MS          | 0544           |
|           | Tr 0550  | WSAV-3 GA  |     |           | 2230       | WACS-25 GA | 240 |                | WGR-2 NY 1000  |

"As can be seen, February has been very slow for the minor meteor showers; the beginning of the month produced a few stations. There were four or five minor showers during February, but produced nothing (excepting the Alpha Aurigids), and we are looking towards March which is supposed to have four minor showers and hopefully we can report the results of ourDXing."

William J. Draeb Ellis St. R.R.#2 Kewaunee, Wisconsin 54216 (GST)

"Here's a brief summary of DX seen during the past few months: On Dec. 10, 17, 27, Jan. 24, 25, 31 E-skip was noted. The opening of Dec. 10 covered chs 2-4 from the South (no IDs) and lasted about 15 min. On the 17th Es was in from 1800-2015. Stations seen were KPRC-2, KBTX-3, KFDX-3, WKRG-5, KDFW-4, KSYD-6, KOET-3, WDIQ-2, WEAR-3, plus unIDs. On the 27th, Es from TX lasted from 1900 to about 2000; KMID-2, KPRC-2 only. Jan. 24 Es 0650-0715 from the west. At 0650 KOFA-3, KTWO-2, KDUH-4. An unusual opening not only for the time of the year but from the West at 0650 makes it very unusual, I think. The following day (25th) saw much more from 0700 (in progress) till after 0830 (I couldn't watch after that). Saw KDFW-4, KENW-3, KLAS-5, KFDX-3, KMID-2, KATG-3, WVL-4, WDSU-6, WBRZ-2, KALB-5, WKRG-5, KMOL-4, WTVY-4, WSDU-3, WDIQ-2, WEAR-3, WCTV-6, and other unIDs. On the 31st at 2230 unIDs seen on chs 2 & 4 from west. Didn't last long. The Geminids Meteor Shower produced quite a few bursts but all I was able to identify was WVUB-8 on Dec. 13 & 14. I watched only the hi-band channels. Not too much tropo activity but here are the highlights: Dec. 10 WKSO-29, KMTC-27, KOZK-21; Jan. 22 WKSO-29, WCTE-22, WKHA-35, WSVN-47, WTVK-26, Jan. 23 WCTE-22; Jan 26 CJIC-5 & CKCY-2 Sault Ste. Marie ON; Feb. 14 KHIN-36; Feb. 22 WVVU-24, WQEX-16, Huntsville U's, WVUT-22 (snow free); Feb. 28 CIO20-20 Sault Ste. Marie ON; Mar. 12 KHIN-36; Mar. 15 WQRF-39 Rockford IL...didn't even know they were on until I read it in the March VUD yesterday. I saw them this morning before WPNE-38 came on and covered them up. They're about as strong as the other Rockford U's. Have also been seeing WPTT-22 quite often but no positive ID yet."

Bob Zent 1835 Fruit Street Huntington, Indiana 46750 (EST)

|            |                  |            |                  |            |                     |
|------------|------------------|------------|------------------|------------|---------------------|
| February   |                  | 23 Tr 1920 | CKK05-42 ON 200  | 26 Tr 2334 | WQRF-39 IL          |
| 23 Tr 1920 | GIC018-48 ON 260 |            | CBLF13-48 ON 200 |            | Rockford 205        |
|            | CHLF12-40 ON 260 |            | CIC059-59 ON 200 | 27         | 0635 WAAY-31 AL 445 |
|            | CKGN29-29 ON 200 |            |                  |            | 0638 KDNL-30 MO 300 |

"In January I purchased a portable radio to cover the 30-50 MHz band (Realistic Patrolman CB-8). On several occasions I've been able to hear TV audio from ORTF and BBC One on 41.25 and 41.50 MHz. This using only the unit's built in antenna. Signals were especially strong on 2-17 and two separate stations were heard on channel B1, presumably a station in Ireland just a few kHz offset below the above mentioned BBC1 frequency. I'm not sure because I don't have a station list for the U.K."

John Barber, Jr. Box 65, Route 112 Carolina, Rhode Island 02812 (EST)

|           |                     |                 |                          |                 |   |
|-----------|---------------------|-----------------|--------------------------|-----------------|---|
| November  |                     | 7 Tr 0830       | WPTF-28 NC 700           | 9 Es 1730       | WDIQ-2 AL   |
| 6 Tr 1430 | WHRO-15 VA 500      |                 | WBRR-28 PA 245           |                 | Dozler  |
|           | "snow-free"         | 21              | WKPT-19 TN               |                 | WSJK-2 TN   |
| 1700      | WAYV-10 VA 480      |                 | Kingsport                | 19              | 0800 unIDs 2, 3                                     |
|           | WYAH-27 VA 470      |                 | "my longest haul on UHF" | <b>January</b>  |   |
|           | WTAR-3 VA 480       |                 | WRCB-6 NY                | 9 Es            | 1800 unIDs 2-4                                      |
|           | WVEC-13 VA 500      |                 | WICZ-40 NY               |                 | "Unbelievably strong, knocked out WGBH for 1 hour." |
|           | WNCT-9 NC 700       | 22              | 0550 WICZ-40 NY          |                 |   |
|           | WVVD-11 NC 725      |                 | 0600 WBJA-34 NY          |                 |   |
| 1730      | WUND-2 NC           |                 | WGR-2 NY                 | <b>February</b> |   |
|           | Columbia 750        | 0800            | WENY-36 NY               | 9 Es            | 1900 WBRZ-2 LA                                      |
| 1800      | WITN-7 NC 630       |                 | Elmira                   |                 | WDIQ-2 AL   |
| 1803      | WHP-21 PA 225       |                 | WTVG-68 NJ               |                 | "strongest Es ever received here!"                  |
|           | KYW-3 PA 225        |                 | Newark                   |                 | 1930 WEAR-3 FL                                      |
| 1830      | WTAF-29 PA 225      | 0900            | WNPL-18 NY               |                 | 2000 KATC-3 LA? T                                   |
|           | WKBS-48 PA 225      |                 | Norwood                  |                 | WWL-4 LA  |
|           | WDAU-22 PA 240      |                 | WNPE-16 NY               |                 |   |
|           | WVTA-41 VT 255      |                 | Watertown                | <b>March</b>    |   |
| 7         | 0800 WVIR-29 VA     | 1300            | WMHT-17 NY               | 4 Tr            | 0858 WCCB-18 NC                                     |
|           | Charlottesville 500 |                 |                          |                 | WNCT-9 NC   |
|           | WCCB-18 NC          | <b>December</b> |                          |                 | WVVD-11 NC  |
|           | Charlotte           | 9 Es            | 1600 WBRZ-2 LA           | 10 Es           | 1500 unID-2 CCI                                     |
| 0821      | WCTI-12 NC 750      |                 | WLBZ-3 MS                |                 | 1700 MUF to ch 6                                    |
|           | WXLII-12 NC 720     | 1700            | WCBI-4 MS                |                 | 1800 "faded"  |
|           |                     |                 | MUF ch 6                 |                 |   |

Equipment includes 100' Rohm 25G tower, CDE rotor, Channel Master 0062 and 0071 preamps, Quantum 1110 VHF antenna, 8' UHF dish, Andrea 25" color set.

"My locals are Boston V's and U's, WFSB-3, WTEV-6, WINH-8, WMUR-9, WJAR-10, WPRI-12, WLIW-21, WSMW-27, WVIT-30, WSBE-36, WXTV-41, WEDN-53, W62AB-62 (WSBE xlr, Westerly RI). In the warm summer months, I always receive New York City V's and U's, Philadelphia U's, all NJ public TV, WBOC-16, WCDC-19, WAFR-20, WWLP-22, WMEG-26, and WHYN-40."

# ANARC 79

Association of North American Radio Clubs  
1979 Convention Committee  
P.O. Box 14161  
Minneapolis, Minnesota 55414 USA  
Telephone: (612) 825-6405

THE DX LISTENERS' SUPERCONVENTION  
JUNE 22-23-24  
RADISSON DOWNTOWN HOTEL

# MINNEAPOLIS

Information and registration forms for the 1979 ANARC/Minneapolis Superconvention are now ready. A very exciting all-wave agenda is being scheduled. Word of attendance have been received from Ian McFarland of Radio Canada International's DX Digest, Bob Zanotti of Swiss Radio International's Short Wave Merry-Go-Round and Stewart Spencer of the Voice of America's Magazine Show. Tentative plans of attendance have been received from other international broadcasters and manufacturers. So mark June 22-24 on your calendar for North America's biggest gathering of radio listeners. For more information, send a large SASE to the address above. In Canada: 1979 ANARC Convention, Post Office Box 142, Thunder Bay, Ontario, P7C 4V5.



# WESTERN TV-DX

Fred McCormack  
Box 5221  
State University Station  
Fargo, ND 58105

April 1979

Deadline: 5th

For my initial column, I would like to introduce myself and make some comments concerning how this column will be handled. I am a communications engineer working primarily with telephone and some CATV. I have been a TV DX'er since 1965 and have been a member of the WFFDA since its inception. I DX from two locations, Des Lacs and Fargo, ND. Most of my better loggings were made from Des Lacs where I have better equipment, and where I grew up. I don't spend much time there now, so my Fargo log is starting to grow.

The reporting standard for TV columns requires the three column format, and I would appreciate reports being submitted in that format. I would like to encourage you to calculate or measure distances for your loggings and include them in your report. These distances make it much easier for DX'ers in other parts of the country to get a feel for how good the conditions were.

When compiling your reports, please keep in mind that this is a DX column, and only unusual reception should be reported. I don't intend to establish any mileage minimums for DX since only you, the DX'er, knows what is DX for your location and for your receiving equipment. Be selective in reporting. A station seen even 10 per cent of the time should probably not be regarded as a DX station. However, reports listing new loggings at any distance and changes or unusual operation of your local stations are certainly proper. If you do want to indicate enhanced conditions from some nearby stations, list the loggings by city without a list of all the individual stations seen.

Reports of unids and tentatives are welcome in order to provide more data about openings. However, long lists of unids are probably of little value. Just list the time, direction, and channels effected if no ID's were made. When you have enough data to make an ID possible, you should report it to the CCI column. Reports of the MUF's observed will be published, if you report them.

I am looking forward to receiving many reports from western DX'ers and I would appreciate any comments you may have on the column.

Now on to the reports on hand.

Phil Epstein, 2870 Humboldt Ave. S., Minneapolis, MN 55408 CDT

## August 1978

|       |      |      |    |       |      |       |      |      |     |       |                                   |      |      |    |     |       |
|-------|------|------|----|-------|------|-------|------|------|-----|-------|-----------------------------------|------|------|----|-----|-------|
|       |      |      |    | 24 Tr | 2200 | WFLD  | 32   | IL   | 405 | 25 Tr | 0234                              | WDAY | 6    | ND | 234 |       |
| 14 Tr | 0030 | WJBX | 2  | MI    | 671  | 2350  | WDIO | 10   | MN  | 153   | 0300                              | KCMO | 5    | MO | 447 |       |
|       | 0148 | WOC  | 6  | IA    | 350  | 25 Tr | 0030 | KBIN | 32  | IA    | 356                               | 0300 | WDAF | 4  | MO  | 447   |
|       | 0156 | WMAQ | 5  | IL    | 405  | 0100  | WIFR | 23   | IL  | 350   | 0300                              | WTMJ | 4    | WI | 332 |       |
|       | 0200 | WLS  | 7  | IL    | 405  | 0100  | WFIE | 14   | IN  | 660   | 0300                              | WITI | 6    | WI | 332 |       |
|       | 0200 | WBBM | 2  | IL    | 405  | 0112  | WSJV | 28   | IN  | 500   | 0300                              | WISN | 12   | WI | 332 |       |
|       | 0230 | KMTV | 3  | MO    | 357  | 0115  | WMT  | 2    | IA  | 220   | 2300                              | WOI  | 5    | IA | 210 |       |
|       | 0230 | WGN  | 9  | IL    | 405  | 0115  | KCRG | 9    | IA  | 220   | 2300                              | WHME | 46   | IN | 480 |       |
| 24 Tr | 0100 | KIIN | 12 | IA    | 340  | 0130  | KELO | 11   | SD  | 234   | 2350                              | WIVU | 17   | IL | 350 |       |
|       | 0100 | KHIN | 36 | IA    | 360  | 0135  | WMTV | 15   | WI  | 220   | 2355                              | WNDU | 16   | IN | 480 |       |
|       | 0100 | KMEG | 14 | IA    | 250  | 0144  | WISC | 3    | WI  | 220   | <u>September 1978</u>             |      |      |    |     |       |
|       | 0100 | KSIN | 27 | IA    | 250  | 0144  | WBAY | 2    | WI  | 292   |                                   |      |      |    |     | 9 Tr  |
|       | 0200 | KDUB | 40 | (WI)  | 259  | 0200  | WAGA | 5    | GA  | 1068  | 2300                              | KWWL | 7    | IA | 200 |       |
|       | 2100 | WSNS | 44 | IL    | 405  | 0205  | CKND | 9    | MB  | 431   | <u>August 1978 (out of order)</u> |      |      |    |     |       |
|       | 2100 | WEEK | 25 | IL    | 423  | 0215  | KCCI | 8    | IA  | 252   |                                   |      |      |    |     | 14 Tr |
|       | 2100 | WICS | 20 | IL    | 480  | 0230  | KMOX | 4    | MO  | 552   | 25 Tr                             | 0300 | KPLO | 6  | SD  | 374   |
|       | 2100 | WKOW | 27 | WI    | 220  | 0230  | KXJB | 4    | ND  | 286   |                                   |      |      |    |     |       |
|       | 2130 | WCFC | 38 | IL    | 405  |       |      |      |     |       |                                   |      |      |    |     |       |

My 46 element antenna was set up with an Alliance Tenna Rotor atop a 137' tower abandoned by the company I work for when they moved their radio communication equipment to their new office building last July. This summer, I'll put up an FM antenna and possibly stack another 46 element UHF/VHF antenna with the one I have. My objective is to narrow the beam width to increase forward gain and more important, reduce local channel bleedover. I also have a boom mounted broadband amp, the gain of which I control from the shack. Gain control also helps reduce adjacent channel interference. 73, Phil

Jim Pizzi, 300 Park, Orcutt, CA 93454

PDT - PST after 10/29/78

| New                   | New Mode             | Tentative - t              | VAFI used | Log Total - 196       |
|-----------------------|----------------------|----------------------------|-----------|-----------------------|
| <u>August 1978</u>    |                      |                            |           |                       |
| 25 Es                 | 1949 XEPM 2 CH       | 6 Es 1700 XEPM 2 CH        |           | 25 Es 1828 unid 6 Okc |
|                       | 1959 KMID 2 TX       | 18 - K57-- Another ch 57   |           | 1900 KOAA 5 CO        |
|                       | 2002 KWAB 4 TX       | translator of KEYT. -20    |           | 1928 KTVK 6 KS+10kc   |
|                       |                      | kc offset to other ch      |           | 2000 KTVY 4 OK        |
|                       |                      | 57 translator. 5° closer   |           | 2000 KAMR 4 TX        |
|                       |                      | to North. Strong as        |           | 2020 KMOL 4 TX        |
|                       |                      | local (?)                  |           | 2136 KMID 2 TX        |
| <u>September 1978</u> |                      |                            |           |                       |
| 3 Tr                  | 2119-2145            | 19 Tr 1300 KTXL 40 CA 3454 |           | 2136 KWAB 4 TX        |
|                       | (weather front ahead | KGO 7 CA 3454              |           | 27 Es 1704 KNOPT 2 NE |
|                       | of hurricane Norman) | KQED 9 CA 3454             |           | 1705 KWGN 2 CO        |
|                       | K74CS 74 CA 3455     | 26 Tr 1730 K74CS 74 CA     |           | 1800 KWAB 4 TX        |
|                       | KTEH 54 CA 4555      | 1740 K83BJ 83 CA           |           | 1800 KDFW 4 TX        |
|                       | KGSC 36 CA 4555      | 1750 K59AC 59 CA           |           | 1800 KCKT 2 KS        |
|                       | KNTV 11 CA 5555      | 1750 KTEH 54 CA            |           | 1805 KARD 3 KS        |
|                       | KSBW 8 CA 5555       |                            |           | 1812 unid 5           |
|                       | KGO 7 CA 3443        | <u>November 1978</u>       |           |                       |
|                       | K83BJ 83 CA 2155     | 4 Tr 2145 KOVR 13 CA 4244  |           | 1825 KTXt 5 TX        |
| 9 Tr                  | 2117 KCST 39 CA 3455 | 9 Tr 2014 KCET 28 CA       |           | 1832 KTVK 6 KS        |
|                       | KWHY 22 CA 4555      | KLCS 58 CA                 |           | 1901 XEJ 5 CH         |
|                       | KCET 28 CA 4555      |                            |           | 1910 XEPM 2 CH        |
|                       | 2130 KBSC 52 CA 4555 |                            |           | 1952 KTXT 5 TX        |
|                       |                      |                            |           | 1959 KMID 2 TX        |
|                       |                      |                            |           | 2023 unid 5           |

October 1978

|      |                      |                          |  |
|------|----------------------|--------------------------|--|
| 6 Es | 1523 XHCH 2 CH       | 11 Tr 1323 KGO 7 CA      |  |
|      | 1530 XELNt 4 COA     | ↓ KQED 9 CA              |  |
|      | 1554 KMID 2 TX       | 1330 KOVR 13 CA          |  |
|      | 1554 KTKT 5 TX       | 15 Es 1531 unid 2 N-East |  |
|      | 1603 KWAB 4 TX       | 1535 fade/out            |  |
|      | 1609 KENS 5 TX       | 1924 KMID t 2 TX         |  |
|      | 1612 KMOL 4 TX       | 25 MS 1112 KUTV 2 UT     |  |
|      | 1649 XEPB 3 NL 10kc  |                          |  |
|      | 1650 XHJMA 3 CH-10kc | <u>January 1979</u>      |  |
|      |                      | 25 Es 1800 KCKT 2 KS     |  |
|      |                      | 1800 KARD 3 KS           |  |

Now for a DX report on a couple of trips I've been on: Driving from Santa Maria to the Grand Canyon via Las Vegas, In Barstow on 9-9-78, most LA FM's were heard, on to Baker, CA with some LA FM's and a few San Diego FM's. On 10-1 noted VHF translators for the Grand Canyon. On 10-2, noted VHF and UHF translators in Williams, Arch Fork, AZ and Needles, Essex, Dagget, and Barstow, CA. Gear used for mobile DX - Sony 8" B&W, wind shield antenna for VHF and bowtie for UHF, Clarion AM/FM stereo cassette with Antennacraft FM booster. On 1-18-79, we flew to Lincoln, NE to visit some old friends and have my California born wife see snow for the first time. We got a blizzard, an ice storm, and a regular snowfall and no DX. Still had a good time, Brrrr!!! TV reception off of a "Lincoln Special", KQTV-2, KMTV-3, KTIV-4, KSNB-4, KHAS-5, WQWT-6, KETV-7, KCNA-8, KOLN-10, KGIN-11, KUON-12, KHGI-13, and WIBW-13. Antenna is fixed towards Omaha.

1978 TV DX was really down, hope it picks up.

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

CST

| New                  | New Mode             | Tentative - t              | Equipment: 1976 9" Penncrest B&W Archer V-100 and 8 bay UHF at 20' with rotor. |
|----------------------|----------------------|----------------------------|--|
| <u>November 1978</u> |                      |                            |  |
| 2 MS                 | 0518 WMT 2 IA 945    | 12 Es 1740 WFMt 2 NC 1175  | 26 Es 0910-1300 unids 2-4  |
| 3 Es                 | 2020-2157 unids 2-4  | 1900-1945 unids 2          | 0929 KDIX 2 ND 1225  |
|                      | 2100 WBAY 2 WI 1190  | 2020 unids 2,3             | 0959 KTCA 2 MN 1110  |
|                      | 2100 WISC 3 WI 1065  | 2020 KDKAt 2 PA 1280       | 0959 KMTV 3 NE 830   |
| 5 MS                 | 0701 KQTV 2 MO 750   | 2040 fade/out              | MS 1303 KWGN 2 CO 810  |
| 7 MS                 | 0449 WESH 2 FL 1055  | 13 MS 0434 WSB 2 GA 880    | Es 1420-1515 unids 2,3 s   |
|                      | 0453 WSB 2 GA 880    | 0525 WMT 2 IA 945          | 1429 XEWO 2 690  |
|                      | 0524 WMT 2 IA 945    | 0548 KQTV 2 MO 750         | Jalisco  |
| Es                   | 1858 WFMY 2 NC 1175  | Es 1735-1849 unids 2 n.    | 1825-30 unid 2   |
|                      | 1910 WBTvt 3 NC 1105 | 16 MS 1109 WSJK 2 TN 1010  | 30 Es 1310-20 unid 2 ne  |
|                      | 1920 WSJKt 2 TN 1010 | 21 Es 1830-1930 unids 2 n. |  |
|                      | 1930 fade/out        | 1930 KDIXt 2 ND 1225       | <u>December 1978</u>   |
| 8 Es                 | 1030 KNXTt 2 CA 1190 | 1957 KTVQ 2 MT 1245        | 3 Es 2032-45   |
|                      | 1030 KEYTt 3 CA 1270 | 2010 fade/out              | KTWO 2 WY 1015   |
|                      | 1115 fade/out        | 25 Es 2140-50 unids 2,3 w. | 11 MS 0407 KMQX 4 MO 790   |
|                      |                      | 2145 KORK 3 NV 1050        | 0442 WLWT 5 OH 1035  |

Pat Dyer (continued)

December 1978

13 MS 2214 WMT 2 IA 945  
 14 MS 0549 KXGnt 5 MT 1260  
 15 MS 0124 WISC 3 WI 1065  
     0312 KTVI 2 MO 790  
 17 Es 1440 YSR t 2 ES 1200  
     1455 YSU t 4 ES 1200  
     1510 WCIVt 4 SC 1120  
     1510 WSAvt 3 GA 1050  
     1600 WCBd 2 SC 1120  
     1620 (MUF to 95.1)  
     1700 KTCA 2 MN 1110  
     1710 WBAY 2 WI 1190  
     1829 WSJK 2 TN 1010  
     2015 fade/out  
     2055-2125 unids 2  
 18 Es 1600 WPBt 2 FL 1150  
     1612 WESH 2 FL 1055  
     1615 WEDut 2 FL 985  
     1630 fade/out  
     1740-1810 Cuba t 2  
 19 Es 1210-25 unid 2 ne  
     1300-25 unids 2  
     WSJK 2 TN 1010  
     1359 WCIVt 4 SC 1120  
     WSAVt 3 GA 1050  
     1430 WCBdt 2 SC 1120  
     1455 WESht 2 FL 1055  
     1500 fade/out  
     1620-1705 unids 2'ne  
 Tr 2145 WATPt 16 MS 525  
     2200 KIDZt 24 TX 305  
     2225 unid 14  
     2305 KTVI 10 AR 435  
     2328 KWTv 9 OK 420  
 20 Tr 0459 KNOE 8 LA 440  
     0459 WESH 2 FL 1055  
     0520 KLTv 7 TX 280  
     0522 WJTV 12 MS 525  
     0530 KTBS 3 LA 350  
     0532 WAFB 9 LA 450  
     0537 WALA 10 AL 630  
     0539 WKRG 5 AL 630  
     0554 KPLC 7 LA 325  
 Es 1520-50 unids 2-4  
     WPBt 2 FL 1150  
     1535 WTVJt 4 FL 1150  
     2000 unid 2 brief  
     2100 KNXT 2 CA 1190  
 26 Es 2013-25 unid 2 ne  
     2057-2127 unid 2 n/ne  
 28 Es 1220 YSR 2 ES 1200  
     1235 YSU t 4 ES 1200  
     1244 TGV t 3 GU 1120  
     1305 fade/out  
     1700 unid 2 s  
     1710 WCBdt 2 SC 1120  
     1728 fade/out  
 30 Es 1710 unids 2-6  
     1722 (MUF to 106.9)  
     1735 KBJR 6 MN 1250  
     1815 KFYrt 5 ND 1200  
     1820 KDLO 3 SD 1070  
     1822 KPLO 6 SD 995

30 Es 1828 KLNt 3 NE 785  
     1829 KUSD 2 SD 920  
     1845 KOTA 3 SD 1040  
     1847 KTWO 2 WY 1015  
     1858 KRMat 6 CO 810  
     1910 KWGnt 2 CO 810  
     KOA t 4 CO 810  
     1935 KMTV 3 NE 830  
     1945 (MUF to 96.7)  
     2055 KUTV 2 UT 1080  
     2140 fade/out

January 1979

2 MS 0231 KTVI 2 MO 790  
 3 MS 0517 WMT 2 IA 945  
 4 MS 0515 WMT 2 IA 945  
 5 Es 1810 unids 2-4  
     1847 (MUF to 98.7)  
     1810 KNBct 4 CA 1190  
     1810 KORkt 3 NV 1050  
     1825 KTVK 3 AZ 835  
     1829 KNXT 2 CA 1190  
     1900 KTLat 5 CA 1190  
     1945 fade/out  
 8 Es 1803 unids 2,3 w  
     1825 KNXT 2 CA 1190  
     1829 KTVK 3 AZ 835  
     1830 KPHOT 5 AZ 835  
     1830 KNBct 4 CA 1190  
     1845 XHBC 3 BCN 1010  
     1920 fade/out  
 13 MS 0608 KQTV 2 MO 750  
 Tr 0612 KPLC 7 LA 325  
 15 MS 0109 unid 2-13  
 Es 1710-1730 unids 2  
     1730 KDIXt 2 ND 1225  
     1740 unids 2,3  
     1759 KUSD 2 SD 920  
     1805 KDLOt 3 SD 1070  
     1835 spotty, then  
     1859 WESH 2 FL 1055  
     soon fade/out  
 25 Es 0825-40 unids 2-6 ne  
     0842 WLUC 6 MI 1320  
     0918 (MUF to 99.1)  
     1059 KQTV 2 MO 750  
     1059 KTCA 2 MN 1110  
     1159 KUSD 2 SD 920  
     1100 WCCot 4 MN 1110  
     1300 fade/out  
     1445 unids 2  
     1458 KTWO 2 WY 1015  
     1503 KTVS 3 CO 815  
     1505 KOA t 4 CO 810  
     1600 KFYrt 5 ND 1200  
     1620 KPLO 6 SD 995  
     1635 fade/out soon  
     1950 unids 2 e  
     1959 WPBt 2 FL 1150  
     1959 WTVJt 4 FL 1150  
     2031 KOAI 2 AZ 835  
     2040 KNBct 4 CA 1190  
     2040 KTLat 5 CA 1190  
     2059 XETVt 6 BCN 1100  
     2120 (MUF to 106.7)

February 1979

10 Es 1730-1855  
     unids 2-4 Spanish  
 12 Es 1858 KDIX 2 ND 1225  
     1905 KMVt 3 NE 830  
     1920 unids 2-5 s  
     1955 KWGN 2 CO 810  
     2035 KOAI 2 AZ 835  
     2045 KTVKt 3 AZ 835  
     2105 fade/out  
 14 Es 1735 unids 2 Spanish  
     1753 KEWO 2 JAL 690  
     1830 spotty to 1900+  
 15 Tr 0130 KSLA 12 LA 350  
     0159 KTEW 2 OK 485  
     0400 KODE 12 MO 575  
     0458 KTEW 10 OK 385  
     0510 KLTv 7 TX 280  
     0528 WJTV 12 MS 525  
     0529 WBRZ 2 LA 450  
     0537 KPLC 7 LA 325  
     0541 KLFY 10 LA 395  
     0545 WAFB 9 LA 450

ES = El Salvador, GU = Guatemala, NI = Nicaragua

Pat Dyer (continued)

February 1979

20 Tr 2229 KETS 2 AR 515  
 21 Tr 0130 KSLA 12 LA 350  
 22 Tr 0715 KIID 2 TX 275  
 23 Tr 1910 XNCR? 2 250  
 Matamoros, Tamp. (English)  
 programming, Texas ad

Covering the period Nov-Feb makes for a lengthy report. Over all, the winter Es was down in keeping with the not-so-wild previous summer. The Geminid shower was a flop, mainly because I never seemed to catch the morning peak early enough before the semi-local trop messed it up.

A good trop session Dec 20, followed by a bit of late month Es surge.

Late January also had a rise in Es levels (not unlike the much bigger effect in 1977). Then February closed out with some more good trop events.

February 14 Es might have tried to link in with some TE, but I'm not at all convinced yet. 73, Pat, WA5IYX

Now my loggings:

Des Lacs: Equipment - Heath GR371MX TV, Winegard GW-48 antenna

CDT

No DX has been seen from Des Lacs since August 1978. I have recently changed a tentative logging of Cuba last June 24 to a positive. After discussing it with Ken Simon and reviewing other DX reports for that date it was clear that it was Cuba. On 6-24 at 0923 CDT, 3/4 color bars were observed on channel 3 with the audio being a relay of Radio Reloj, the time station. It was seen for about half an hour with occasional interference from WEAR-3 and dominance of WEAR-3 by 1000. This was my first reception of a Cuban station.

Fargo: Equipment - Broadmoor 9" B&amp;W, Heath GR-2000, Winegard CH-7078

CST

December 1978January 1979February 1979

|                       |                 |           |                    |       |
|-----------------------|-----------------|-----------|--------------------|-------|
| 10 Es 1908 unids 2 e. | 24 AE 0558 WCMH | 4 OH 835  | 16 F2 1053 ORTF    | 41.25 |
| 1950 unid 3           | 0559 WLWF       | 5 OH 815  | 1105 BBC1          | 41.50 |
| 2001 WSB 2 GA 1115    | 25 AE 0554 WSB  | 2 GA 1115 | 17 F2 0930 ORTF    | 41.25 |
| 2030 (MUF to 102.1)   | 0555 WCIV       | 4 SC 1320 | 1030 BBC1          | 41.50 |
| 31 Es 1024 unid 2 s.  | 0600 WCBD       | 2 SC 1310 | (above audio only) |       |

I was quite pleased to see the early morning Es on 1-24,25. I believe this was auroral induced. It had the characteristic fade patterns which I have seen so often in Es following auroral disturbances. Auroral hash on low band channels has been an almost daily occurrence this winter with high band channels sometimes effected. In Pat Dyers report, it can be seen that there was quite a bit of Es on the 24th. My work schedule prevented me from staying with it, but I would guess the MUF on the 24th was in the FM band at 0600.

AFRTS Alaska Update (continued from page 6)

The former AFRTS stations at Kodiak and Tatalina have been discontinued. The Kodiak station was closed after the Navy transferred the base to the Coast Guard, and commercial cablevision was made available. The Tatalina station was operations upon outback of personnel at the facility.

*Don't miss the  
 1979 WTFDA  
 Convention...*

# BALTIMORE

*August 3, 4, 5*



# VHF UTILITY DX

Pat Dyer  
5315 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 5th of month

APRIL 1979

Glenn Hauser, WUOT - Univ. of Tenn., Knoxville, TN 37916 Astronaut-6  
(31+ MHz), FRG-7, HQ-160; GMT used

|               |      |       |                                      |
|---------------|------|-------|--------------------------------------|
| <u>12-30:</u> | 1459 | 30.20 | USSR, Mayak (2nd harmonic)           |
| <u>31:</u>    | 1700 | 30.51 | Portugal (2nd harmonic)              |
| <u>1-13:</u>  | 1355 | 30.47 | UK (VOA 2nd harmonic)                |
|               | 1405 | 30.39 | " " " "                              |
|               | 1418 | 30.14 | " (BBC " " )                         |
|               | 1441 | 30.28 | " " " "                              |
|               | 1443 | 30.78 | " " " "                              |
| <u>2-10:</u>  | 1450 | 41.50 | BBC TV audio, several off-sets       |
|               |      | 41.25 | France " "                           |
|               | 1532 | 38.88 | USSR (R.Moscow, 4th or 8th harmonic) |
|               | 1613 | 37.86 | Russian (up/down counts)             |
| <u>11:</u>    | 1545 | 30.63 | Portugal (RCI, 2nd harmonic)         |
| <u>13:</u>    | 1325 | 41.25 | (// the R.F.I. sw outlets)           |

With the rise of Cycle 21 world-wide 50-MHz news is breaking in large amounts daily. For a much more detailed coverage of that than is possible here QST is a good source. Also, the Six-Meter International Radio Klub (S.M.I.R.K.), with over 3000 members, puts out a newsletter in Jan, Apr, Jul, and Oct. It may be obtained by sending four No. 10 s.a.s.e.'s to:

Mr. Ray Clark, K5ZMS  
7158 Stone Fence Drive  
San Antonio, TX 78227

Also, the 28.885 MHz spot on 10-m is active with information being passed on past as well as "live" 6-m events on virtually every day as well as the formal net on Sundays at 1700z.

D. Wilson, 237-B E. Summit, Kent, OH 44240 Bearcat 210 et al., EST used

|              |      |               |                                       |
|--------------|------|---------------|---------------------------------------|
| <u>2-14:</u> | 1145 | BBC audios on | - 48.23, 48.25, 48.27                 |
|              | 1100 | " " "         | - 41.465, 41.48, 41.50, 41.52, 41.535 |
|              | 1105 | France " "    | - 41.23, 41.25, 41.27                 |

Neil Dickerson, 426 State St., Sharptown, MD 21861 Patrolman Pro-1, EST

|              |       |        |       |                    |      |        |       |                      |
|--------------|-------|--------|-------|--------------------|------|--------|-------|----------------------|
| <u>1-26:</u> | 0900  | KAA203 | 42.06 | Kirkwood, MO-sp    | 1212 | KMB458 | 45.18 | Sanger, CA-p         |
|              |       | KAA927 | "     | Willow Springs, "" | 1217 | KSZ320 | 45.98 | Lancaster, ""        |
|              | 0910  | KVN833 | 39.82 | Sioux City, IA-lg  | 1220 | KEF967 | "     | Malibu, ""           |
|              | 0916  | KAB309 | 42.46 | Omaha, NE-sp       | 1226 | WSB48  | 46.02 | Sonora, ""           |
|              | 0917  | KAB310 | "     | Norfolk, ""        | 1230 | KMM500 | 46.06 | Blue Lake, -f        |
|              | 0922  | KQW458 | "     | Mead, ""           |      | KMB434 | "     | Newport Beach, ""    |
|              | 0930  | KAA973 | 42.58 | Fairfield, IA-p    | 1234 | KME355 | 45.86 | Yuba City, -sp       |
|              | 0932  | KFF355 | 46.14 | Wichita, KS-f      | 1235 | KMD908 | "     | Santa Rosa, " "      |
|              | 0945  | KLE861 | 46.24 | Greensboro, NC-f   | 1239 | KMB520 | "     | S.L. Obispo, " "     |
|              | 0948  | KXG954 | 46.06 | Cordova, " "       | 1241 | KAR956 | 45.18 | Loyalton, -p         |
|              | 1-27: |        |       |                    | 1245 | KYY823 | 46.04 | Glendale, -amb?      |
|              | 1000  | BBC    | 41.5  | Divis, N. Ireland  | 1251 | KVA411 | 46.02 | LA, -p               |
|              |       | ORTF   | 41.25 | France             | 1252 |        | 45.02 | a mess of CA mobiles |
| <u>1-28:</u> |       |        |       |                    | 1256 | KOM570 | 45.20 | Spokane, WA-lg       |
|              | 1158  | BBC    | 41.5  | Divis              | 1300 | KMB490 | 46.46 | SF, CA-f             |
|              | 1200  | KWC413 | 43.38 | Auburn, CA-p       |      | KMB494 | "     | " " " "              |
|              | 1203  | KYV230 | 45.08 | Truckee, -lg       |      | KMK511 | "     | " " " "              |
|              | 1205  | KBC417 | "     | Sonora, " "        | 1301 | KMD649 | 46.38 | Santa Ana, ""        |
|              | 1211  | WBC414 | 45.18 | Nevada City, -p    | 1309 | KNB62  | 46.50 | Richgrove, ""        |
|              |       | WBC416 | "     | Truckee, " "       | 1312 | KAR960 | "     | San Rafael, ""       |

VHF UTILITY DX

APRIL 1979

(Dickerson cont.)

|       |               |       |                    |       |               |       |   |
|-------|---------------|-------|--------------------|-------|---------------|-------|---|
| 1-28: |               |       |                    | 2-11: |               |       |   |
| 1315  | <u>KND73</u>  | 46.50 | Tulare, CA-f       | 1200  | <u>WBC415</u> | 45.38 | Nevada City, CA-p   |
| 1321  | <u>KDS673</u> | 46.48 | Redding, " "       | 1209  | <u>KUE727</u> | 44.88 | Farmington, NM-p  |
| 1330  | <u>BBC</u>    | 48.25 | (// 41.5)          | 1211  | <u>KCU833</u> | 46.02 | Peninsula, CA-p   |
| 1351  | <u>KFR654</u> | 46.00 | Portland, OR-vh    | 1212  | <u>KTA952</u> | 45.92 | Laguna Beach, ""  |
| 1355  | <u>KMH343</u> | 46.06 | NewportBch, CA-f   | 1215  | <u>KGW767</u> | 46.02 | Beverly Hills, ""   |
| 1400  | <u>KMA455</u> | 45.94 | RedwoodCity, "-p   | 1226  | <u>KMA438</u> | 45.10 | S.F., CA-"  |
| 1404  | <u>KAP253</u> | 45.08 | Golden, CO-lg?     | 1232  | <u>KMK890</u> | 45.76 | Guerneville, ""   |
| 2-1:  |               |       |                    | 1241  | <u>KXF645</u> | 45.78 | HalfMoonBay, ""   |
| 1216  | <u>KEU912</u> | 39.36 | Phoenix, AZ-p      | 1252  | <u>KOA392</u> | 45.98 | Santa Rosa, ""  |
| 1225  | <u>KRM805</u> | 39.98 | Peoria, " "        | 1300  | <u>KOF356</u> | 46.06 | Reno, NV-f  |
| 1231  | <u>KRX505</u> | "     | Las Cruces, NM-p   |       | <u>KJK591</u> | "     | " " " "   |
| 1330  | <u>BBC</u>    | 48.25 |                    |       | <u>KOF357</u> | "     | " " " "   |
| 2-4:  |               |       |                    | 1305  | <u>KMH342</u> | 46.06 | NewportBch, CA-f  |
| 1300  | <u>KDE685</u> | 42.44 | Pine Grove, CA-sp  | 1314  | <u>KME911</u> | 46.38 | San Leandro, " "  |
|       | <u>KFA409</u> | "     | Bakersfield, " "   | 1330  | <u>KBF242</u> | "     | Dublin, " "   |
| 1302  | <u>KMB520</u> | "     | S.L.Obispo, " "    | 1341  | <u>KTE486</u> | 46.04 | Riverside, "-amb  |
| 1311  | <u>KMH722</u> | "     | Oceanside, " "     | 1349  | <u>KMM500</u> | 46.06 | Blue Lake, "-f  |
| 1312  | <u>KMA448</u> | "     | Sacramento, " "    | 1400  | <u>KMF300</u> | 47.46 | LA, CA-?  |
| 1315  | <u>KLE850</u> | "     | Richmond, " "      | 1402  | <u>KML960</u> | 46.50 | Mill Valley, "-f  |
| 1321  | <u>KMD472</u> | "     | Woodland, " "      | 1410  | <u>KMA470</u> | 46.38 | Martinez, " "   |
| 1326  | <u>KME320</u> | "     | Lakeport, " "      | 1421  | <u>KMJ434</u> | 46.32 | LaHabra, " "  |
| 1330  | <u>KME409</u> | "     | Alturas, " "       | 1430  | <u>KML958</u> | 46.28 | San Rafael, " "   |
|       | <u>KMD934</u> | "     | El Centro, " "     | 1435  | <u>BBC</u>    | 48.25 |   |
| 1336  | <u>KZT491</u> | 42.50 | Bryte, " "         | 1500  | <u>KMG509</u> | 46.28 | HuntingtonBch, CA-f   |
| 1341  | <u>KDE718</u> | 42.88 | Jamestown, " "     |       | <u>KLK475</u> | 46.00 | Glendale, CA-amb  |
| 1401  | <u>KOA485</u> | 42.90 | Salem, OR-sp       | 1510  | <u>KEF967</u> | 45.98 | Malibu, "-p   |
| 1410  | <u>KOB279</u> | 39.94 | Colfax, WA-p       | 1513  | <u>KMK869</u> | 45.34 | Mendota, " "  |
| 2-6:  |               |       |                    | 2-13: |               |       |   |
| 0830  | <u>KKU200</u> | 33.70 | Metaire, LA-f      | 1300  | <u>KMB322</u> | 46.10 | Richmond, CA-f  |
| 0836  | <u>KKU501</u> | "     | Sweetwater, TX-f   |       | <u>KMA467</u> | "     | Walnut Ck, " "  |
| 0900  | <u>KJF417</u> | 33.98 | Houston, " "       | 1321  | <u>KOM584</u> | 45.48 | Everett, WA-lg  |
| 0930  | <u>KKR990</u> | 46.06 | Ft.Worth, " "      | 1331  | <u>BBC</u>    | 48.25 |   |
|       | <u>KKM801</u> | "     | " " " "            |       |               |       |   |
|       | <u>KKM778</u> | "     | Azle, " "          |       |               |       |   |
| 2-10: |               |       |                    |       |               |       | (f-fire, lg-local government, amb-ambulance, p-police, sp-state police, vh-veterinary hospital) |
| 0930  | <u>BBC</u>    | 48.25 |                    |       |               |       | (* 1036-1102, covered up by the Arabic, 1106-1155 another BBC net, then normal)                 |
| 2-11: |               |       |                    |       |               |       |   |
| 0830  | <u>KDN952</u> | 46.06 | Bogalusa, LA-f     |       |               |       |   |
| 0900  | <u>KSS919</u> | 46.18 | Elkton, MD-f       |       |               |       |   |
| 1030  | <u>BBC</u>    | 41.50 | Divis, N.Ireland * |       |               |       |   |
| 1036  | ?             | "     | Arabic             |       |               |       |   |

Martin J. Theil, 12 Princeton Dr. E., Holiday, FL 33589 Bearcat 210  
 some of the stations noted in the last 2 months (11 am to 6 pm)

|        |               |                   |               |                    |
|--------|---------------|-------------------|---------------|--------------------|
| 39.82, | <u>KYT214</u> | Cut Bank, MT-cp   | <u>KOA216</u> | Great Falls, MT-cp |
|        | <u>KOA287</u> | Choteau, MT-cp    | <u>KMA628</u> | L.A., CA-cp        |
|        | <u>KOB244</u> | Miles City, MT-p  | <u>KSS278</u> | Red Lodge, MT-sp   |
|        | <u>KSB256</u> | Mt. Carrol, IL-cp | <u>KBQ293</u> | Browning, MT       |
|        | <u>KOE381</u> | Billings, MT-cp   | <u>KOB482</u> | Big Timber, MT-cp  |
|        | <u>KCA580</u> | Beachwood, OH     | <u>KOG622</u> | Helena, MT-p       |
|        | <u>KOA722</u> | Missoula Co., MT  | <u>KOA766</u> | Superior, MT-cp    |
|        | <u>KOG982</u> | Twin Falls, ID-p  | <u>KOG986</u> | Gooding, ID        |
| 39.50, | <u>KSB256</u> |                   | <u>KIG215</u> | Front Royal, VA-cp |
|        | <u>KSB269</u> | Watseska, IL      | <u>KSA358</u> | Kendall Co., IL    |

Avg Feb solar flux highest since August 1959. Smoothed value (Aug 78) has already passed the peak smoothed level of Cycle 20!  
 The peak for Cycle 21 is still expected between this fall and next spring. If things hold well, conditions for VHF F2 will easily be the best in 20 years.

My loggings. Hallicrafters SX-62, Hammarlund SP-600-JX-10, Allied A-2586, Patrolman (c. 1967); two 30' long wires at 12' with nw-se and ne-sw runs; all F2 unless noted (\* Es, bs-backscatter); 49.5+ with Swan 250 & Ameco nuvistor preamplifier 5-element horizontal Cushcraft Yagi @ 23' with rotor; daily MUF peak(s) noted, new underlined, GMT used

|      |          |           |                   |           |   |
|------|----------|-----------|-------------------|-----------|---|
| 2-6: |          |           |                   | 2-9:      |   |
| 1350 | D.Welle  | 30.30     | Caribbean-ha      | 1423      | ORTF, 1450 BBC 41.5                             |
| 1355 | KBZ283   | 33.90     | Orford,NH-rf      | 1542      | 40.05 Rus., 1655 low-43 Span.                   |
| 1359 | KCA695   | 33.78     | Manchester,NH-f   | 1725      | mid-41 Canada                                   |
| 1400 | KCD246   | 33.70     | S.Yarmouth,MA-"   | 2-10:     |   |
|      | KCD271   | "         | Harwich, " "      | 1420      | BBC 41.5; 1435 ORTF, BBC 45                     |
|      | KCD492   | "         | DennisPort, " "   | 1618      | KCI 299 35.22 New Haven,CT-tp                   |
|      | KCD497   | "         | BuzzardsBay, " "  |           | KEA860 35.22 NY,NY-tp                           |
|      | KCD498   | "         | Sandwich, " "     | 1625      | 39's Mass; 1640 39.83 Russian                   |
|      | KCD500   | "         | Wellfleet, " "    | 1655      | low-43 Span.; 1730 low-43 Can.                  |
|      | KCD556   | "         | Orleans, " "      | 2255      | KCB691 33.86 Weston,CT-vf                       |
|      | KCF574   | "         | Mashpee, " "      | 2256      | KCF596 " Brookfield,"-cf                        |
| 1402 | KCD594   | "         | Chatham, " "      | 2257      | KCF582 33.54 Franklin,MA-f                      |
|      | KCD697   | "         | Provincetown,""   |           | KCD658  |
|      | KCD760   | "         | Osterville, " "   |           | KBA887 33.70 Bolton, " "                        |
|      | KCD845   | "         | Brewster, " "     |           | KCH954 " N.Brandford,CT-"                       |
|      | KCD574   | "         | Eastham, " "      | 2300      | KCA378 33.82 New Haven, " "                     |
|      | KCD454   | "         | Hyannis, " "      | 2301      | KCD511, KCD454 33.90                            |
| 1428 | KCC482   | 35.22     | Concord,NH-vp     | 2302      | KDA381, 2304 KCB844                             |
| 1503 | ORTF     | 41.25     | France (TV aud.)  | 2305      | KCC672 33.94 S.Windgor,CT-f                     |
| 1513 | BBC-1    | 41.50     | England (" " )    | 2310      | KCA633 33.90 Middleboro,MA-"                    |
| 1517 | 47.00    | Spanish   |                   | 2-11:     |   |
| 1547 | BBC-1    | 45.00     | Eng.(TV video)    | 1350      | BBC 41.5, ORTF                                  |
| 1635 | mid-44   | US ne     |                   | 1432      | KCD626 37.-- New Haven,CT-water                 |
| 1637 | KCI295   | 43.22     | Manchester,NH-tp  |           | ----- 35.58 Wilkes-Barre,PA-vp                  |
| 1638 | KRS665   | "         | Agamenticus,ME-"  | 1440      | BBC 45, 1447 39's US                            |
| 1835 | KCD664   | 37.62     | Holbrook,MA-gas   | 1525      | <u>48.25 European video (many)</u>              |
| 2258 | KCD658   | 33.70     | Westminster,MA-f  | 1605      | low-43 Span., 1840 mid-41 Can.                  |
| 2259 | KCD346   | 33.80     | Tolland,CT-"      | 2100      | 45.25 New Zealand (TV video)                    |
| 2300 | KCC825   | 33.70     | Kennebunk,ME-"    | 2225      | 40.05 Russian                                   |
|      | KCD473   | "         | Wolcott,CT-"      | 2-12:     |   |
|      | KCD511   | "         | Camden,ME-"       | 1342      | KCA305  |
| 2-7: |          |           |                   | 1432      | KCD571 42.12 W.Scarboro,ME-sp                   |
| 1440 | BBC-1,   | 1455      | ORTF              | 1442      | KP4AAN 50.11 Puerto Rico-a                      |
| 1517 | 45.12    | Spanish   |                   | 1440-1545 | 50 bs from IL,KS,WI,AR, SC,MI,OH,OK, Canal Zone |
| 1520 | BBC      | 45.00,    | 1540 39's US      | 1555-1625 | WB2RLK/VE1 50.1+ NS,Can-a                       |
| 1610 | 45+      | Russian,  | 1625 lo-41 Can.   | 1635      | US ne to at least 45 MHz                        |
| 1740 | 41.5     | N.Ireland |                   | 1825      | 49.58 se, 2120 45.25 N.Zeal.                    |
| 2005 | KOK418   | 35.46     | (west)-mp         | 2329      | KUA288  |
| 2036 | KCA305   | 37.54     | Eddington,ME-u    | 2348      | KOA796 35.58 Portland,OR-tp                     |
| 2310 | 40+      | Russian   |                   | 2350      | KOK418  |
| 2-8: |          |           |                   | 2-13:     |   |
| 1427 | BBC      | 41.5      |                   | 0005      | KLF527 35.22 Honolulu,HI-tp                     |
| 1429 | R.Moscow | 38.87     | harmonic          | 1352      | KCC482  |
| 1524 | KCD850   | 37.22     | Waterford,CT-p    | 1358      | KCB404 33.-- Ashburnham,MA-f                    |
| 1610 | ORTF,    | 40.03     | Russian           | 1407      | BBC 41.5, 1421 KCD664                           |
| 1634 | -----    | 35.58     | Scranton,PA-vp    | 1422      | ORTF, 1525 39 US, hi-40 Rus.                    |
| 1635 | 39's     | US,       | 1700 41.42 Canada | 1528      | BBC 45 (faint)                                  |
| 1650 | low-43   | Spanish   |                   | 1637      | KCC357 39.6- Hallowell,ME-cp                    |
| 1925 | KCC405   | 37.54     | Bangor,ME-he      | 1745      | mid-41 Can., 1755 low-45 Span.                  |
| 1932 | KUA288   | 35.22     | Portland,OR-tp    | 2010      | KCA305, 2300 KCD511                             |
| 2259 | KDA381   | 33.90     | Wilton,NH-f       | 2301      | KCD454 33.9-, 2305 KCC672                       |
|      | KBZ283   |           |                   | 2329      | KCF308 33.50 Sharon,MA-f                        |
| 2301 | KCC785   | 33.70     | Ogunquit,ME-"     | 2332      | KOP303 35.62 Langley,WA-mp                      |
|      | KCD244   | "         | Falmouth,MA-"     | 2-14:     |   |
| 2302 | KCB844   | "         | Greenfield,""     | 0000      | hi-36 Russian                                   |
| 2304 | KFT468   | 33.90     | Moultonboro,NH-"  | 0021      | KOP303 35.46, 0035 KUA288                       |
| 2343 | 40.75    | Russian   |                   |           |   |

## VHF UTILITY DX

APRIL 1979

(Dyer, cont.)

2-14:

1359 KCA695  
 1401 KEM762 33.90 Meridith,NH-f  
 1403 KCD845, KCD574, KCB404 33.70  
 KCD454 33.70  
 KCG342 33.70 Barre,MA-f  
 KCB778 " Berlin, " "  
 KBA887 " " "  
 KCF337 " Boylston, ""  
 KCA395 " Gardner, ""  
 KGD582 " Harvard, ""  
 KCB364 " Hubbardstown, ""  
 KCD353 " Lancaster, ""  
 KCB360 " Leominster, ""  
 KDN599 " Paxton, ""  
 KCN575 " E.Princeton, ""  
 KCH585 " Rutland, ""  
 KCE537 " Sterling, ""  
 1405 KCH239 " W.Boylston, ""  
 KCD658 " " "  
 KAV492 " Winchendon, ""  
 KCC705 " Holden, ""  
 1407 KAX916 " Lunenburg, ""  
 KCH677 " Fitchburg, ""  
 1430 TF(ORTF), 1453 BBC 41.5  
 1510 41.17 Russian, 1518 BBC 45  
 1545 low-43 Spanish  
 1605 39 US, 1910 mid-41 Canada  
 2115 45.25 New Zealand  
 2300 KBZ283, 2301 KCD454 33.9-  
 2310 37.20 Russian, KOP303 35.46

2-15:

1525 BBC 41.5, 1910 43's US & Can.  
 1930 KH6EQI 50.104 Oahu,HI-a  
 1935 KH6NS 50.11+ " " "  
 1945-2020, 50 bs to IA,MO,SD  
 2015 49.58 se, 2125 45.25 N.Zealand  
 2320 KOP303 35.46, 2325 37.8 Rus.  
 2326 KOB238 37.48 Seattle,WA-light  
 2329 KOK418 (west)-mp  
 2344 KFN501 37.18 Salem,OR-cg

2-16:

1359 KDA383 33.90 Milford,NH-f  
 KCF569 33.78 Tolland,CT-sf  
 1400 KCE587 33.98 Wayland,MA-f  
 1402 KCF264 33.70 Truro, " "  
 KCD271, KCD492, KCD497,  
 KCD498, KCD500, KCD556  
 1403 KCB404 33.70  
 KCE581 " Athol,MA-f  
 KCB778, KBA887, KCD454 33.70,  
 KCD582, KCC705, KCB364  
 1404 KCD353, KCB360, KAX916,  
 KDN599, KCN575, KCH585,  
 KCE537  
 KRJ877 33.70 Templeton,MA-f  
 1405 KCH239, KAV492  
 1425 TF, BBC 41.5; 1442 45.10 Sp.  
 1530 41.28 Rus., 1535 BBC 45  
 1605 mid-42 Can., 1725 39 US  
 2258 KCY582  
 KCA627 33.50 N.Easton,MA-f  
 2259 KCE287 33.94 RockyHill,CT-"  
 2300 KCB317 33.70 Canaan, " "

2-16:

2300 KCD244 33.70 Falmouth,MA-f  
 KJB439 " NewMilford,CT-vf  
 2303 40.95 Jap.?, 2307 KCC672

2-17:

1400 TF, 1425 BBC 41.5  
 1505 40.70 Russian, 1530 BBC 45  
 1600 43.90 Spanish, 1725 39 US  
 1740 mid-41 Canada, 2235 KUA288  
 2236 KCA305  
 2238 KCD346 33.-- Tolland,CT-f  
 2244 KCF308 33.66 N.Reading,MA-"  
 2255 KCE869 33.70 Prospect,CT-vf  
 2256 KCE287, 2257 KCY582  
 2258 KCD658, KCA627  
 2259 KCI315 33.64 BeaconFalls,CT-f  
 2300 KCC532 33.58 Plainville, " "  
 2301 KDR298 33.86 Somerville,MA- "  
 2302 KCD353  
 2303 KCG964 33.76 Terryville,CT- "  
 2304 KCD384 33.94 Manchester, " "  
 2305 KCE489 " Avon, " -vf  
 2307 KCB844, 2310 37.70 Russian  
 2310 KOA796

2-18:

1335 KCI299, KEA860; 1405 47.8 Sp.  
 1407 TF, 1542 BBC 41.5, 1620 39 US  
 1730-1955 50 bs TX,OK,CA,OH,MO,SC,  
 NM,SD

1900-1915 KH6NS

2-19:

1400 KCE581, KCB778, KCF337,  
 KCH246 33.70 Clinton,MA-f  
 KCD582, KCD244, KCD246,  
 KCB360, KAX916, KDN599,  
 KCN575, KCH585, KCE537,  
 KCD498  
 1402 KCD556, 1440 TF, 1505 BBC 41.5  
 1645 BBC 45, 1700 44 Spanish  
 1710 39 US  
 1720-1800 50 bs OK,CA,NM  
 1730 mid-41 Can., 2058 KCA305  
 2350 42 Russian

2-20:

1400 KDC288 33.90 Hollis,NH-f  
 KBZ283,  
 1402 KCB404 33.7-, 1435 BBC 41.5  
 1440 TF  
 1500 R.Moscow 38.87 (harmonic)  
 1505 hi-46 south, 1523 39 US  
 1535 BBC 45, 1635 mid-42 Canada  
 2259 KCA305, 2303 40.05 Russian

2-21:

1505-1700 50 bs NY,LA,OH,TX,MI,WI,  
 NC,GA,ME,MO,OK,NJ,CA,FL,  
 KY  
 1530 50.075 Colombia  
 1725 39 US

2-22:

1356 KCD582, KCC705, KCB364,  
 KAX916, KDN599, KCN575,  
 KCH585, KCE537, KRJ877  
 1357 KCH239, KCD658, KAV492  
 1359 KCA305



## VHF UTILITY DX

APRIL 1979

(Dyer, cont.)

- 1401 KCF264, KCD497, KCD498,  
KCD500, KCF574  
1402 KCD594, KCD845  
1500 hi-46 Spanish, 1510 39 US ne  
1755 BBC 41.5  
1800-1820 KH6IAA 50.11 Hilo, HI-a  
1845 low-40 Canada, 2017 KOA796  
2310 KOP303 35.46  
2344 KSU545 33.94 Windsor, CT-f  
2345 KCD472  
2346 KCG651 33.70 Derby, " "
- 2-23:  
1437 KCC482, 1457 Wilkes-Barre  
1520 39 US, 1527 BBC 41.5  
1555 TF, 1605 hi-46 Spanish  
1655 39 Mass, 1800 mid-41 Canada  
1926 KCA305, 1948-2000 KH6NS  
2335 KOA796
- 2-24:  
1450 TF, 1530 mid-37 US  
1850 mid-46 Spanish  
2335 KOP303 35.46, KOA796
- 2-25:  
0100 hi-37 Russian  
0110 ----- 35.58 OK City, OK-vp bs  
1400 KCF315 33.66 Westford, MA-f  
KCF310 " Chelmsford, ""  
KCF947 " Lowell, ""
- 1504 KED736 33.86 Fair Lawn, NJ-"  
1548 49.68, 1555 TF, 1600 39 US  
1630-1650 50 bs TX, OH  
1720 mid-41 Canada  
1821 KEA334 37.38 Hackensack, NJ-cp  
2350 40.05 Russian
- 2-26:  
1401 KCD454 33.70, KCD244, KCD246,  
KCF264, KCD271,  
KCF358 33.70 Centerville, MA-f  
KCD492, KCD497  
1402 KCD498, KCD500, KCD556,  
KCF574, KCD594, KCD760,  
KCB781 33.70 Barnstable, MA-cf  
KCD845  
1510 TF, 37 US; 1528 BBC 41.5  
1650 49.68  
1750-1810 50 bs OK, TX, TN, OH, SC  
2115 45.25 New Zealand  
2132 KOB238, 2250 42 Russian  
2325 KCA305
- 2-27:  
0052 KUA288, KLF527  
1359 KCD582, KCG705, KCB364,  
KCN575, KCH585, KCE537  
1400 KRJ877, KCH239  
1402 KEE873 33.86 Salem, NJ-cf  
1600-1630 50 bs OK, OH, SC  
1655 49.98, 1930 39 US
- 2-28:  
0022 KOA796, 40.14 Russian (ssb!)  
0050 40.27 Australian ? police  
1325 D.Welle, 1455 TF  
1445 KCA346 37.54 Ellsworth, ME-he  
1455 TF, 1459 BBC 41.5, 1603 49.58  
2259 KCD938 39.50 Brookline, NH-p
- 2-28:  
2301 KEB990 37.-- RochellePk, NJ-1g  
2309 KEA334, 2358 KOB238
- 3-1:  
0005 38.35 Russian  
1355 KCL224 33.86 Limerick, ME-f  
1359 KCA695  
1400 KCD454 33.70, KCD244, KCD246  
1401 KCF264, KCD271, KCF358,  
KCD492, KCD497, KCD498,  
KCD500, KCD556, KCF574,  
KCD594, KCD760  
1402 KCB781, KCD845, KCD574  
1450 TF, BBC 41.5; 1455 R.Moscow  
1515 49.68 se, 1530 39 US  
1645 BBC 45, 2325 KOB238
- 3-2:  
0025 low-38 Russian, 1343 TF  
1359 KCG711 33.54 Hamden, CT-f  
1400 BBC 41.5, KCA695  
KCA378 33.-- New Haven, CT-f  
1401 KEG450 33.70 Allentown, PA-cf  
1440 BBC 45, 1447 39 US (Mass)  
1454 mid-42 Can., 1502 38.55 Rus.  
1820 49.58 se  
2200-0020 50.74, 50.75, 50.76  
New Zealand (TV audio)
- 3-3:  
0110 41.9 Russian  
1520 TF, BBC 41.5; 1700 49.63  
1725 BBC 45, 1730 39 US  
2147 KCA305, 2335 KOA796
- 3-4:  
0025 hi-37 Russian  
1510 TF; 1617 Scranton, Wil.-Barre  
1650 47.8 Carib., 1710 39 US  
1740 50 bs CA, OK; 2235 KEA860
- 3-5:  
1455 49.98, 1505 50 bs OK  
1635 mid-42 US ne, 2325 KCA305
- (a-amateur, f-fire (c-county, s-state, v-volunteer), p-police (cp-sheriff), lg-local government, tp-tone pager, vp-voice pager, mp-mobile phone, u-utility, he-hydroelectric, ha-harmonic)
- bs-backscatter, propagation mode wherein a very small amount of a signal that has been reflected normally to some distant point returns into the skip zone (e.g., 50-MHz stations in TX beaming south (180°) to get CA stations beaming se (150°) due to common ground point off the coast of western South America); these signals have a characteristically "hollow" sound due to multipath time delays

Randall B. Clark, Route 5 - Dutch Ridge, Parkersburg, WV 26101 GMT used

BBC Ch B1 41.5 audio \* 45 video --  
 2-1: 1500-1700 2: 1410-1550 3: 1348-1630 4: 1429-1615  
 6: 1655-1955 7: 1350-1748 1500-1530\*  
 8: 1325-1925 9: 1310-? 10: 1312-1850 11: 1325-1724  
 13: 1310-1710 14: 1328-1940 15: 1330-1750 1819-1845  
 1417-1520\* 1440-1630\*  
 16: 1348-1800 17: 1320-1830 18: 1356-1410 19: 1315-1450  
 ? \* 1802-1825  
 20: 1320-1710 23: 1530-1630 1530-1750\*

48.25 Ch B2 audio, \* Ch E2 video --  
 2-7: 1609-1618 8: 1448-1522 10: 1515-1820 11: 1520-1540\*  
 1455-1541\* 1404-1411\*  
 13: 1440-1530 14: 1435-1845 15: 1410-1655 16: 1525-16??  
 1429-1530\* 1440-1835\* " " \*  
 17: 1605-1750 18: 1355-1408\*

also, 2-7: 1340-1620, many harmonics including R.Moscow near 39 MHz

other brief notes - southern California reception of 41.25, 41.5, 45.0, 48.25 European TV signals; 48.25 there and in OK believed to be the video from Rhodesian TV.

50-MHz news- eastern US (W1,2,3,4) and Canadian Maritimes (VE1) into England, Germany, Spain, Sweden, Malta, Gibraltar (ZB2 to Ohio)  
 -- US (primarily west coast W6,7) and VE7(BC) into Japan, Australia, and New Zealand (VK at 52 MHz and ZL at 51 MHz)  
 -- several Japan to Argentina and Brazil  
 -- Hawaii to S. America and Puerto Rico as well as US<sup>†</sup> Alaska, Japan  
 -- Alaska to east and mid-west US (\* as far as NC,FL)  
 -- Puerto Rico, Dominican Republic, Jamaica into US west  
 -- Canal Zone and Ecuador into all US call areas  
 -- Canal Zone to Tahiti as well as TE into Brazil, Argentina (plus daytime F2 openings there)  
 -- S.Africa to many parts of Europe (and 2-m into Greece)

cross-band contacts to those countries not having 6-m are being made using 10-m, primarily near 28.450 (S.Africa near 28.33)

there is also some interest in the 4-m band (70 MHz) in case things get that good (though more likely a multi-hop Es prospect insofar as the north-Atlantic path is concerned)

50-MHz Alaska signals have been heard in Australia but the MUF was not high enough to permit contact at 52 MHz

A word about the New Zealand audio - it is a wide-band (high deviation) form of FM and thus very difficult to render on an am/ssb/n.b.f.m. receiver. When running a single test tone, the sidebands make it sound like a multiplex (multiple carrier) signal. Normal programming audio spreads out to 50 kHz or so. Unmodulated carriers are about the only time one can tell if one, two, or all three off-sets are in.

Roger Bunney has supplied off-set info for various European stations and I hope to run that in a few months, in time for the fall season.

6-m transcon(transcontinental) openings on several days in Feb (notably 11th,12th,18th) with W1,2,3,4 paths to W6,7 (also VE1 to VE7 etc.). These are 1-hop F2 modes with distances 2400-2900 mile range. (Thus the apex 2100-mi paths on the 12th here are very rare so far.)

# CCI [UNIDENTIFIED DX]

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

Deadline: 1st of  
each month\*

Not much DX during the past few months and, as a result, not many unidentified stations received by your editor for this column. Hence, no column for the past few months. Here's what I have:

Eric Schutz; 1909 Rockaway Parkway, Brooklyn, NY 11236  
(1978)

Sun. June 18 Tr 0118 EDT ch.22 "Midnight Special"  
0126 " " ad-"Sex and the Married Woman"  
" " " ad- "Handicap Children"- "Closer Look"  
0127 " " ad- "The Arts"  
possibilities: WWLP-22, WDAU-22(This report was forwarded  
to me by Bill Thompson and he says they're both negative-wd)  
(Some of those program ads sound like educational stuff;  
checked WAPB-22 also but nothing checks.--wd)

Wed. Aug. 16 Tr 0000 EDT ch.22 ad-Chevy cars- "Central Chevrolet"  
ad-Schmidt's Beer  
0001 " " Red Sox vs Angels--middle of the 5th inning--  
score 1-0.  
0014 " " signal lost

"I do have some more info, on the second report. The signal apparently was from the WSW and the signal behaved like E-Skip. There are too many possible ch.22's to try, so I am hoping that either you or the WTFDA can help verify my reports."(TV Guides no help; hope some DXers in your area can help.--wd)

(Thanks to Jim Pizzi for sending me a recent copy of the Southern California TV Guide--wd)

Jeff Wolf; 1131 University Blvd. W., Apt. 701, Silver Spring, Md 20902  
(1978 unids)

Thu. Aug. 10 Tr 0113 EDT ch.27 ABC with this slide:  
WTPA-27???

Wed. Aug. 23 Tr 1006 EDT ch.23 Religious show, may  
have been "700 Club"  
(WAKR-23 checks--wd)



Thu. Aug. 24 Tr 1007 EDT ch.43 Talk show; a man being interviewed by a woman sitting at a table with microphones with mentions of Cleveland. (Could be WUAB; WSEA negative. WUAB has "Coffee Shoppe" at that time.wd)

Greg Monti; 5 Hickory Rd., Bayville, N.Y. 11709

"Randy Dorman's "Summer TV 3" seen 6/11/78 could be WTAR-3, Norfolk, Va. since I saw them while in VA in 1976 using that slogan on the ID's.

Jeff Wolf's Captioned ABC News on ch.44 still might be WVIA-PA, since PBS stations' evening skeds often run late or odd lengths.

Jeff Wolf's 6/21 WSNL-TV? ch. 67 is doubtful. Most people don't seem to know that this station's last day of broadcasting was 6/20/75.

### Miscellaneous

WBAY-2 now has a new logo and identifies itself as "2 Power". See logo: Also, because of little spare time I was unable to do the CCI Column during the past few months. If anyone else wants to do the column let me know and I'll send you everything. I have reports from Robert J. Williams Robert Goodman and Mike Reid I didn't have a chance to get at yet. Mabey next month. 73's. Bill

WBAY-2 logo:



# IN SEARCH OF



Donald L. Blevins  
1715 Earhart Road  
Baltimore, MD 21221  
# 301-574-2714

IN SEARCH OF PSB...Marine Radio Service. The frequency range 156.275-157.425 & 161.80 - 162.00 is designated for use by the Marine Radio Service, and put to use by vessels of all sizes throughout the navigable waters of the United States and Canada. Universally 156.800 (channel 16) is the calling and distress; meaning contact must be made on this channel and another channel selected for the actual communication is supposed to take place on another frequency, but you tune into 16 on a Saturday or Sunday afternoon and see if this takes place.

The number of channels assigned are necessary especially from late May until Mid September when pleasure craft jam the airwaves. Spring and Summer tropospheric propagation tend to further aggravate the congestion making long distance communications just about impossible.

The frequency range 161.80 - 162.00 also provide interesting listening as they are the marine coastal station (marine telephone) stations that dot the coastal areas of navigable waterways.

Marine Radio Frequency Assignment is as follows:

|         |            |                    |
|---------|------------|--------------------|
| 156.275 | Channel 65 | Port Operations    |
| 156.30  | Channel 6  | Intership Safety   |
| 156.325 | Channel 66 | Port Operations    |
| 156.35  | Channel 7  | Commercial         |
| 156.375 | Channel 67 | Commercial         |
| 156.40  | Channel 8  | Commercial         |
| 156.425 | Channel 68 | Non-Commercial     |
| 156.45  | Channel 9  | Commercial         |
| 156.475 | Channel 69 | Non-Commercial     |
| 156.50  | Channel 10 | Commercial         |
| 156.525 | Channel 70 | Non-Commercial     |
| 156.55  | Channel 11 | Commercial         |
| 156.575 | Channel 71 | Non-Commercial     |
| 156.60  | Channel 12 | Port Operations    |
| 156.625 | Channel 72 | Non-Commercial     |
| 156.65  | Channel 13 | Navigational       |
| 156.675 | Channel 73 | Port Operations    |
| 156.70  | Channel 14 | Port Operations    |
| 156.725 | Channel 74 | Port Operations    |
| 156.75  | Channel 15 | Environmental      |
| 156.80  | Channel 16 | Distress & Calling |
| 156.85  | Channel 17 | State Control      |
| 156.875 | Channel 77 | Commercial         |
| 156.90  | Channel 18 | Commercial         |
| 156.925 | Channel 78 | Non-Commercial     |
| 156.95  | Channel 19 |                    |
| 156.975 | Channel 79 |                    |
| 157.00  | Channel 20 | Port Operations    |
| 157.025 | Channel 80 |                    |
| 157.05  | Channel 21 |                    |
| 157.075 | Channel 81 |                    |
| 157.10  | Channel 22 |                    |
| 157.125 | Channel 82 |                    |
| 157.15  | Channel 23 |                    |
| 157.175 | Channel 83 |                    |

U.S. Coast Guard

Marine Coastal Station Frequency Pairs

|         |            |         |        |
|---------|------------|---------|--------|
| 157.20  | Channel 24 | 161.80  | Output |
| 157.225 | Channel 84 | 161.825 | " "    |
| 157.25  | Channel 25 | 161.85  | " "    |
| 157.275 | Channel 85 | 161.875 | " "    |
| 157.30  | Channel 26 | 161.90  | " "    |
| 157.325 | Channel 86 | 161.925 | " "    |
| 157.35  | Channel 27 | 161.95  | " "    |
| 157.375 | Channel 87 | 161.975 | " "    |
| 157.40  | Channel 28 | 162.00  | " "    |

**SHIP-TO-SHORE  
TELEPHONE**

\*\*\*\*\*

From our readership come contributions from across the country including Oregon, Iowa, and West Virginia!!!

Micheal Scheel  
Davenport, Iowa reports:

Rock Island County Sheriff  
F-1 155.475 ISPERN (mobiles only)  
F-3 159.15 Repeater 153.815 mobile KBA 284  
F-2 154.815 Mobiles KZU 792  
Civil Defense 154.98 KDD 987  
Point to Point 155.37 KSE 204  
F-1 39.50 Low Band Dispatch KSE 204  
Low Band Point to Point 39.46 KSE 204

City of Clinton, Iowa  
KAA 948 460.20 Police Citywide  
155.37 Police Point to Point  
155.475 Police Mutual Aid

KAO 462 154.28 State Fire Mutual Aid  
154.43 Citywide Fire

Clinton County Iowa  
KAA 948 154.965 County Sheriff

Kevin Slater  
Salem, OR 97303 reports:

Salem Yellow Cab 152.27 B/ 157.53 M  
Don's AAA Towing 157.47 KBF 622  
Southern Pacific Railroad: 161.55 Simplex  
State Highway Department: 47.06 H2 Simplex  
Willamette Ambulance:(all simplex)

47.66 KOL 794 155.265 F1; 155.16 KTV 626 F3; 154.235 F6; 155.40 KKC 851 F7  
155.34 KKC 851 F8; (Note: F7 & F8 are remote bases for Salem Memorial Hospital  
which Willamette uses for both mobile and base operation. Base operation is  
called Velle MedCom. F5 is a remote base for Superior Ambulance in Sheridan.  
Willamette acts as dispatch after regular hours at Superior.)

City of Salem (joint dispatch with Marion County Fire District #1 and Keizer  
Fire District):

F1 153.77 KOG 409 Main Salem and Keizer working channel  
F2 154.16 KOG 409 Used for Keizer/District #1 mutual aid or when Salem has  
alarm on F1  
F4 453.45 KTA 983 Alarm repeater (Salem only)  
F5 154.385 KOG 409 Main District #1 working channel

\* Randall Clark  
\* Parkersburg, WV reports:  
\* Broadcast Remotes as follows:  
\*  
\* WXII-FM 161.64/KW 4063  
\* WKYG-AM 161.70 & 161.76 KU 6726  
\* WPAR-AM 161.73/76 KV9110  
\* WMOA A/F 161.67/.70 KW8657

\*\*\*\*\*  
\* Note:  
\* Be sure to attend the 1979  
\* WFFDA convention at BALTIMORE!

\* A complete Public Service list  
\* for Baltimore-Washington-Annapolis  
\* will be available for all  
\* who wish to bring a scanner or  
\* public service radio.

\*\*\*\*\*

**BALTIMORE '79**





# STATISTICS

Michael L. Hogan  
13910 Chippewa Avenue  
Apartment 1  
Burnham, Illinois 60633  
Deadline: the 10th  
Phone # 312-868-4392

Welcome to the first edition that TV Statistics has appeared in over a period of three years. Here is a chance for you to submit your TV DX totals as you do for FM DX to the FM Statistics column. I have many great plans for this column; but they will never be realized unless I have your support. In the past I have noticed this column to be a very popular one, with as many as 50 reporters contributing. Initially I would be very happy for 50 people to report to this column; but my goals are even greater. That's right. In the future I can see the time when  $\frac{1}{2}$  of the total membership will be reporting. Yes, it will mean a lot of work for me; but I know that I can handle it. W.T.F.D.A. has been a way of life for me for the past three years as part of the publishing crew and manager of the Reprint Service. Now as I embark with my first edition of TV Statistics it is my hope that the club membership will report and continue to make the WUD one of the best DX publications in North America.

I will begin by adopted the rules that the previous editors have used for calculating station totals. The following are the set of rules that will be used unless some other suggestions are submitted to me:

1. A TV station received on more than one channel (when it changes channels, but retains its identity) may be counted once for each channel. This excludes changes in offset on a single channel. Simultaneous reception of a station on more than one channel is virtually always a receiver problem only, but you may present evidence to the contrary.
2. Stations operating successively on the same channel in the same city which are clearly unrelated may be counted as separate stations.
3. Changes in power of the transmitting stations does not make the station eligible to be counted as a separate station.
4. A change in call letters does not necessarily indicate that a different station has been received, thus a change in call letters does not make the station eligible to be counted as a separate station.
5. The precise location of the transmitting tower will be the determining factor when measuring distance totals and figuring Total Political Units (TPU).
6. A move in the station's transmitting tower does not make the station eligible to be counted as a separate station unless the city of license changes also. This also holds true when measuring distance totals unless the transmitting tower moves a distance of 25 miles.
7. Sharetime stations are only counted once when computing station totals unless they have separate transmitter locations.
8. Any station licensed by the FCC to broadcast is eligible to be computed in your totals. This includes experimental stations and translators. Harmonic radiation of visual signals are eligible if they fall within the legal TV band.
9. DX received via CATV is eligible to be counted as long as the station was picked up off the air on its original frequency at the CATV headend, from which the distance must be measured. However the totals received via CATV must be specified as so.
10. Verification is not required. You must be reasonably sure that you received the station in question. From time to time I will make spot checks to insure the accuracy of your reports. This will be done to insure fairness and honesty in reporting to this column.
11. DX received by recording devices is permissible as long as the DXer himself sets up the recording devices. (Example: It is permissible to set up your Tape recorder or VTR ahead of time when you are not able to actually witness the DX.)

# QSL CORNER

TV-OSL

Thomas J. Yingling, jr.  
221 Pinewood Road  
Baltimore, MD 21222  
Deadline: 10th  
Phone # 1-301-282.5649

France ORTF F-2:Office De Radiodiffusion-Television Francaise, 116 Avenue de President Kennedy, F-75790 Paris Cedex 16, France for channel 2, 41.25mhz on F2 skip reception send a picture post card verifying reception in French, and no signer. Reply in 2 weeks. Yingling

- NS CBIT 5 Sydney, P. O. Box 700, B1P 6H7. Card received with unreadable signature from Tech. Supervisor in 1 week. Traska
- CRHT 3 Halifax, P. O. Box 3000, B3J 3E9. CBC card received in 3 weeks, signed by Geavette Gill, Public Relations. Hascall
- AL WHNT 19 Huntsville, P. O. Box 19, 35904. Card received from J. M. Hall, CE in 4 days for report. Traska
- WAFF 48 Huntsville, 4848 Governors Drive, 35801. Letter received from Kim T. Bene, Manager & Advertising Promotion. One of my best letter I received, tells me there none-too-great signal reached as far north as Buffalo, NY & that he is putting my letter on the Noteboard staff. Reply in 12 days. Traska
- WAAY 31 Huntsville, 1000 Monte Sano Blvd, 35801. Letter received from Robert A. Gay, CE with congratulations. Reply in 6 days. Traska
- IL WRAU 19 Peoria, 500 N. Stewart St, Creve Coeur, IL 61611. Letter from A. A. Norcott VP of Operations. Eddie
- WUSI 16 Olney, Box 430, 62450. Letter from Irvin D. Kean, Asst. CE. Eddie
- KYFC 38 Chicago, 20 N. Wacker Dr, 60606. Letter from Alexis P. Young, CE Eddie
- IA WYIN 24 Mason City, Box 1758, Des Moines, IA 50306. Letter from Don Saverald, CE Eddie
- KRIN 32 Waterloo, Box 1758, Des Moines, 50306 Letter from Don Saverald, CE this & one above are member of Iowa Public Broadcasting Network. Eddie
- KDUB 40 Dubuque, One Dubuque Plaza , 52001. Letter from Phil Graham, CE Eddie
- MS WMAW 14 Meridian, P. O. Box 1101, Jackson, MS 39205. Letter & map from David J. Wilson, Dif. of Eng. for ch. 14. reply back in 1 week. Traska
- MO KMTC 27 Springfield, 3000 Cherry St, 65804. Letter from Dale Blankership, CE, reply received in 16 days with return postage. Traska
- NY WSYE 18 Elmire, Box 314, 14902. Letter from Thurlow Greene, CE Schutz
- RI WPRI 12 Providence, 25 Catamore Blvd East, 02914. Friendly letter & fliers from Edmond Nicjerson, Promotional Manager. Schutz
- VA WHRO 15 Norfolk, 5200 Hampton Blvd, 23508. Letter & schedule from Singleton Carty, Public Relations Manager. Reply 5 1/2 months with apologies for the long delay in replng. Traska

## FM QSL

- IN WGTC 92.3 Bloomington, 535 S. Walnut, 47401. Letter from Lynn M. Bradley, CE "We get quite a few dx reports." Sawatzky
- WCMZ 101.7 Fort Wayne, P. O. Box 5202, 424 Reed Rd, 46895. Handwritten letter in 4 days from CE (signature illieigible). Sawatzky
- MT KUFM 89.1 Missoula, Univ. of Montana, 59812. Letter from Thomas R, McGinley, Chief Engineer. Zank
- MN WWJO 98.1 St. Cloud, P. O. Box 220, 56301. Letter from Jim Christie, PD. Zank
- WGR 105.1 Duluth, 125 W. Superior St, 55802. Letter from Ralph Kersten, CE. Zank
- MO KCOV 88.1 Columbia, 101 F Pershing Hall, Univ. of MO, 65201. Letter from Lawrence Hallenbeck, CE Eddie
- KSFT 105.1 St. Joseph, 2414 S. Leonard Rd, 64503. Unreadable name for CE. Eddie
- NE KO00 104.5 Omaha, Box 37 WD, 68131. Letter from Larry Selyle, CE Eddie
- UT KARB 98.3 Price, Box AC, 84501. Letter from Thomas B. Anderson, GM. Zank
- KBRE 94.9 Cedar City, Box 858, 84720. Letter from Jon Hunter, Stataion Mgr. Zank
- VA WCMS 100.5 Norfolk, 5600 Curtlew Dr, 23502. Follow-up letter brought letter from Jim Wadiak, CE Zank

Reporters this time are the following- Paul Traska, Richard Eddie, Peter Sawatzky, Dave Hascall, Eric Schutz, Neil Zank & Tom Yingling, ed. For those who are tring to get a report to BRC you better hurry. In my qsl letter they say that they will eventually close down these low channels sometime in the mid '80's. These channels 1-13 broadcast BCC-1 program without color will continue until at lease the end of 1982 in favor of uhf channels. My report to France ORTF was in English in case you don't have a French report form to use & I use 2 IRC for return postage. I was surprized to get a QSL reply. Hope the DX stays good! '73's.

Tom 35



**TOUGH  
TO BEAT!**

# WORLDWIDE TV-FM DX ASSOCIATION

Post Office Box 202 Whiting, Indiana 46394 U.S.A.

Established 1967

SERVING THE VHF-UHF DX ENTHUSIAST



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